

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113976.D
 Acq On : 25 Apr 2019 14:46
 Operator : JU/SJ
 Sample : PB119163BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119163BS

Manual Integrations
 APPROVED

Sohil
 4/29/2019 5:49:43 AM

Quant Time: Apr 26 04:36:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	131714	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	530937	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	287230	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	597167	20.00	ng	0.00
76) Chrysene-d12	14.07	240	576342	20.00	ng	0.00
87) Perylene-d12	15.56	264	489383	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	987271	128.20	ng	0.01
7) Phenol-d6	6.53	99	1233674	127.69	ng	0.01
23) Nitrobenzene-d5	7.46	82	800534	93.10	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	460586	131.63	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1562909	85.10	ng	0.00
79) Terphenyl-d14	13.00	244	2120953	75.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	112735	31.055	ng	96
3) Pyridine	3.48	79	275420	27.796	ng	96
4) n-Nitrosodimethylamine	3.42	42	124737	36.775	ng	93
6) Aniline	6.56	93	418954	31.578	ng	96
8) 2-Chlorophenol	6.69	128	363346	41.326	ng	99
9) Benzaldehyde	6.44	77	77483	9.560	ng	94
10) Phenol	6.55	94	453588	39.260	ng	95
11) bis(2-Chloroethyl)ether	6.63	93	352690	40.567	ng	96
12) 1,3-Dichlorobenzene	6.84	146	384509	38.614	ng	99
13) 1,4-Dichlorobenzene	6.92	146	393178	39.256	ng	99
14) 1,2-Dichlorobenzene	7.07	146	372868	40.509	ng	99
15) Benzyl Alcohol	7.04	79	276562	42.501	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	401903	39.601	ng	88
17) 2-Methylphenol	7.15	107	338753	43.954	ng	98
18) Hexachloroethane	7.41	117	137993	39.304	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	253579	40.528	ng	99
20) 3+4-Methylphenols	7.30	107	372618	42.793	ng	# 79
22) Acetophenone	7.30	105	505864	42.815	ng	# 94
24) Nitrobenzene	7.47	77	402534	42.365	ng	99
25) Isophorone	7.72	82	720470	40.948	ng	99
26) 2-Nitrophenol	7.79	139	202618	46.744	ng	97
27) 2,4-Dimethylphenol	7.83	122	332240	47.044	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	448649	40.016	ng	99
29) 2,4-Dichlorophenol	8.04	162	340601	42.175	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	372292	41.344	ng	99
31) Naphthalene	8.20	128	1059955	42.024	ng	99
32) Benzoic acid	7.95	122	170191	35.685	ng	99
33) 4-Chloroaniline	8.25	127	334883	31.378	ng	96
34) Hexachlorobutadiene	8.32	225	222888	39.706	ng	98
35) Caprolactam	8.62	113	104953m	40.853	ng	
36) 4-Chloro-3-methylphenol	8.73	107	338400	42.294	ng	99
37) 2-Methylnaphthalene	8.89	142	725112	42.632	ng	99
38) 1-Methylnaphthalene	8.99	142	686799	41.837	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	376646	40.369	ng	99

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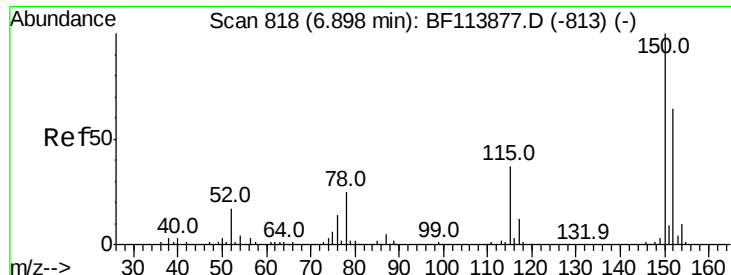
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	380476	73.128	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	252426	42.606	nq	100
44) 2,4,5-Trichlorophenol	9.22	196	284739	42.848	nq	99
46) 1,1'-Biphenyl	9.36	154	911226	41.528	nq	98
47) 2-Chloronaphthalene	9.38	162	734021	41.136	nq	97
48) 2-Nitroaniline	9.47	65	211001	45.108	nq	88
49) Acenaphthylene	9.80	152	1131324	40.499	nq	99
50) Dimethylphthalate	9.66	163	874626	42.104	nq	99
51) 2,6-Dinitrotoluene	9.72	165	201042	45.111	nq	95
52) Acenaphthene	9.97	154	748997	45.369	nq	98
53) 3-Nitroaniline	9.88	138	165076	35.250	nq	96
54) 2,4-Dinitrophenol	9.99	184	183446	93.566	nq	# 3
55) Dibenzofuran	10.15	168	1032869	41.767	nq	99
56) 4-Nitrophenol	10.05	139	341498	92.099	nq	98
57) 2,4-Dinitrotoluene	10.12	165	272008	48.356	nq	97
58) Fluorene	10.49	166	784897	42.158	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	258552	44.274	nq	99
60) Diethylphthalate	10.36	149	836535	42.407	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	411164	41.700	nq	99
62) 4-Nitroaniline	10.50	138	211739	46.332	nq	98
63) Azobenzene	10.63	77	788791	41.258	nq	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	122350	45.203	nq	92
66) n-Nitrosodiphenylamine	10.59	169	719722	40.167	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	274501	38.051	nq	97
68) Hexachlorobenzene	11.04	284	307954	38.846	nq	97
69) Atrazine	11.12	200	239540	41.096	nq	99
70) Pentachlorophenol	11.23	266	365511	81.434	nq	98
71) Phenanthrene	11.45	178	1231994	41.051	nq	100
72) Anthracene	11.50	178	1284253	42.376	nq	99
73) Carbazole	11.65	167	1167178	43.169	nq	100
74) Di-n-butylphthalate	11.98	149	1367234	42.988	nq	99
75) Fluoranthene	12.63	202	1390488	42.467	nq	99
77) Benzidine	12.74	184	506054	29.469	nq	97
78) Pyrene	12.86	202	1366224	33.898	nq	99
80) Butylbenzylphthalate	13.47	149	625843	39.466	nq	99
81) Benzo(a)anthracene	14.06	228	1337827	39.398	nq	100
82) 3,3'-Dichlorobenzidine	14.01	252	460942	37.035	nq	98
83) Chrysene	14.09	228	1325176	40.071	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	859690	42.610	nq	100
85) Di-n-octyl phthalate	14.67	149	1485213	47.030	nq	98
86) Indeno(1,2,3-cd)pyrene	17.06	276	1391036	44.406	nq	98
88) Benzo(b)fluoranthene	15.13	252	1542442	49.816	nq	99
89) Benzo(k)fluoranthene	15.16	252	1240727	46.585	nq	98
90) Benzo(a)pyrene	15.50	252	1327816	49.580	nq	99
91) Dibenzo(a,h)anthracene	17.08	278	1173846	46.692	nq	99
92) Benzo(g,h,i)perylene	17.52	276	1145422	45.147	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

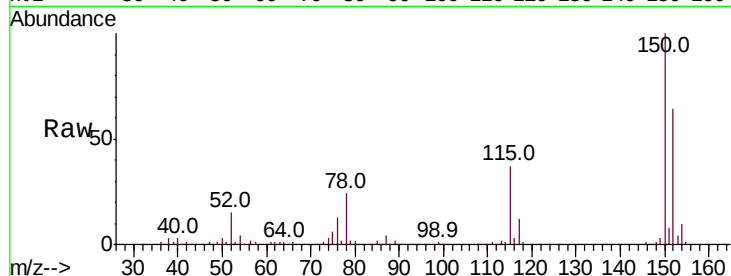
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.9	188.9
115	57.2	45.9	68.9

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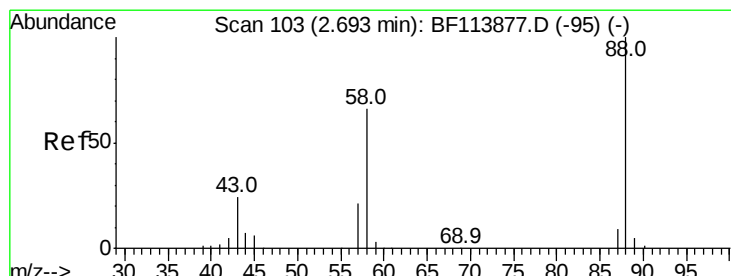
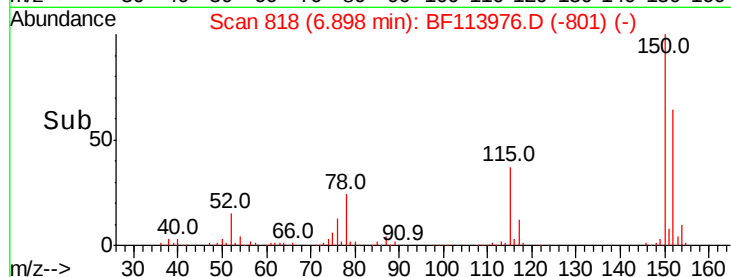
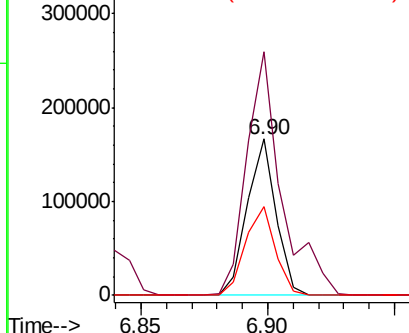


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

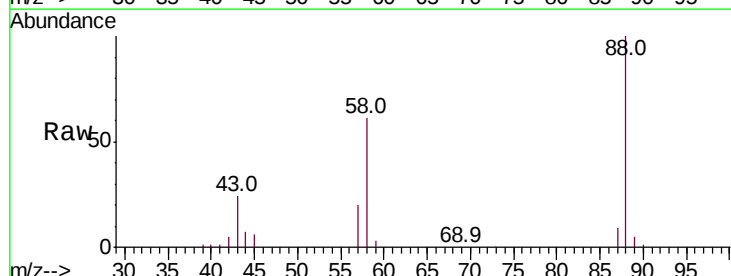
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.055 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.02 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.3	53.3	79.9
43	23.2	19.0	28.4

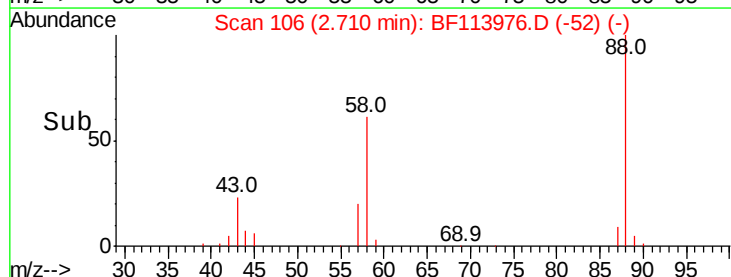
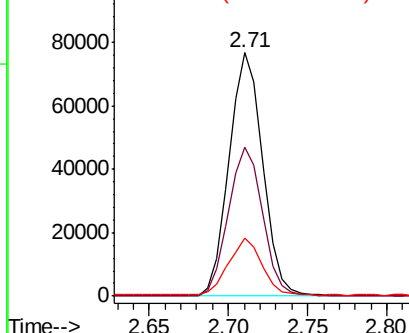


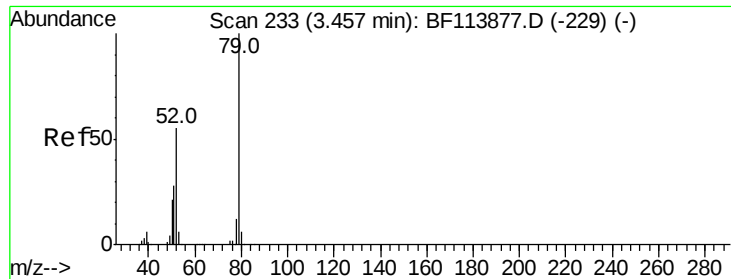
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.796 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.02 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

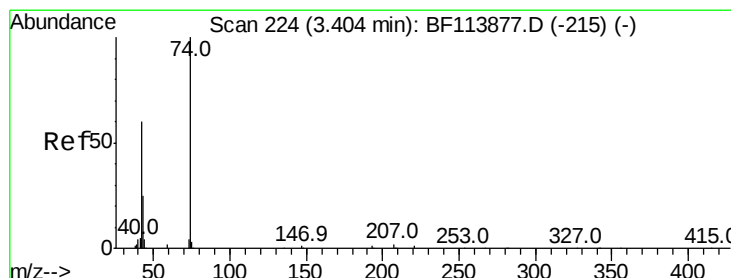
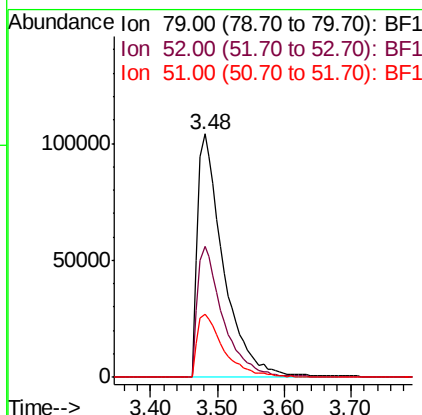
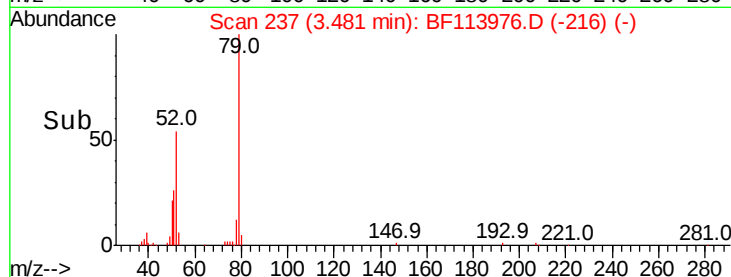
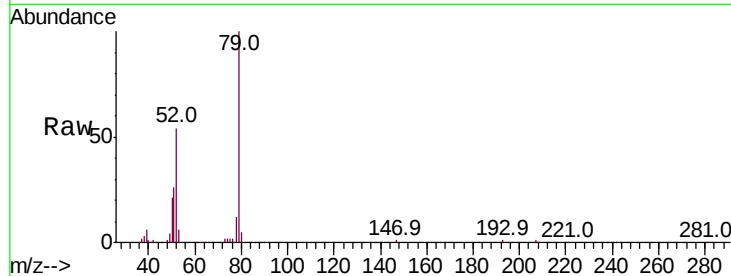
ClientSampleId :

PB119163BS

Tot Ion:	79	Resp:	275420
Ion Ratio	Lower	Upper	
79	100		
52	53.7	45.3	67.9
51	26.1	22.1	33.1

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#4

n-Nitrosodimethylamine

Concen: 36.775 ng

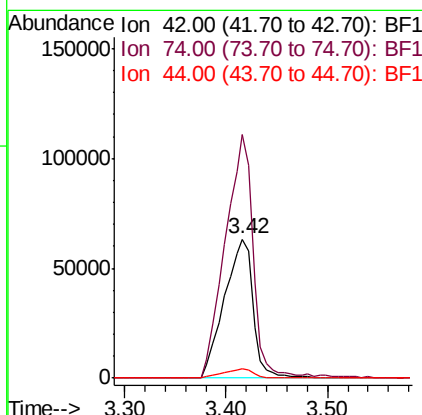
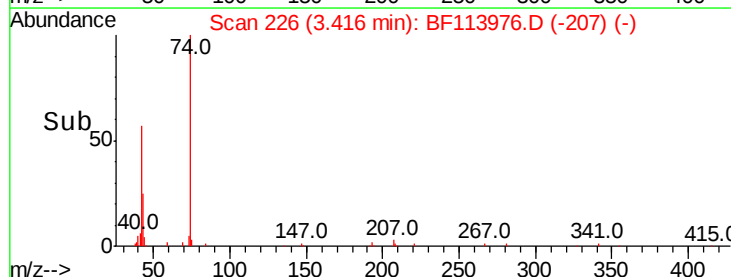
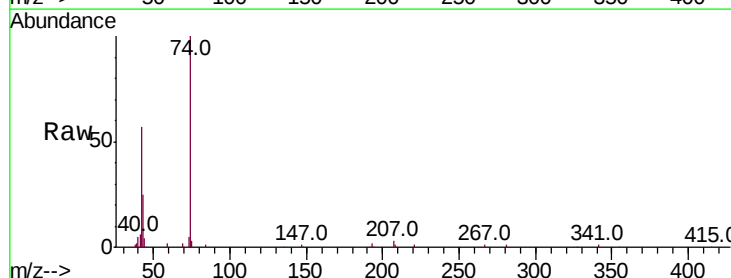
RT: 3.42 min Scan# 226

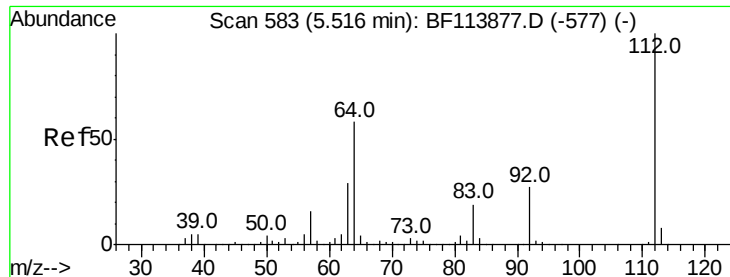
Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:	42	Resp:	124737
Ion Ratio	Lower	Upper	
42	100		
74	174.9	132.6	198.8
44	6.5	5.8	8.8





#5

2-Fluorophenol

Concen: 128.201 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

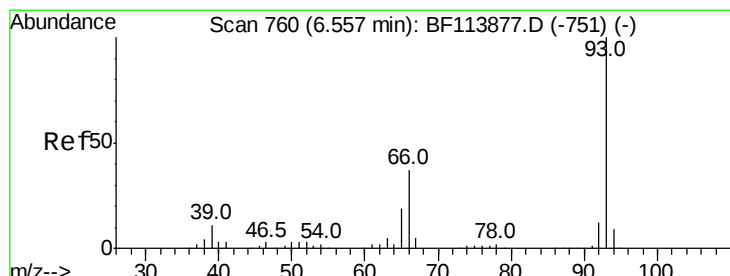
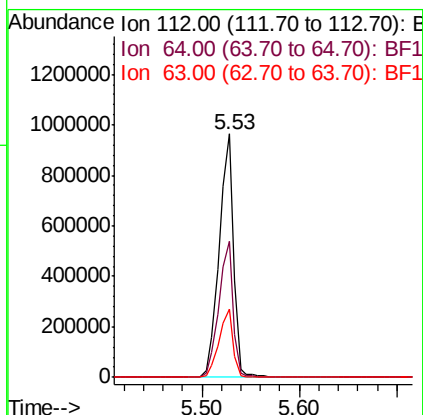
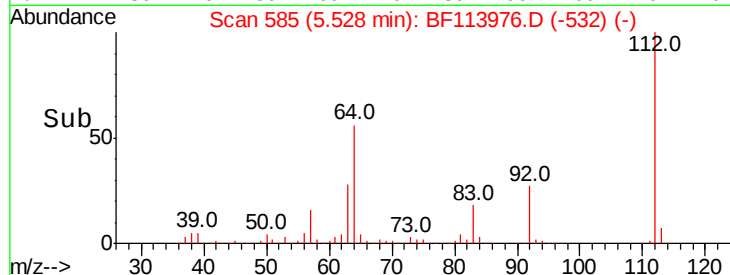
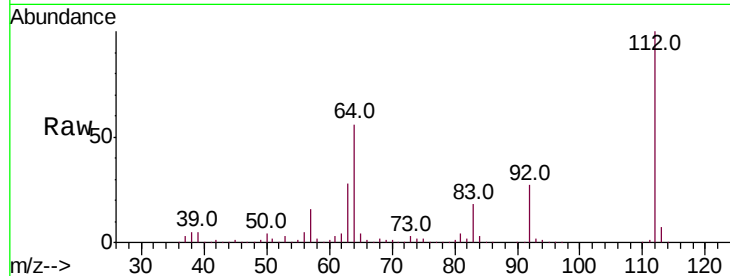
ClientSampled :

PB119163BS

Tot Ion:	112	Resp:	987271
Ion Ratio	Lower	Upper	
112	100		
64	55.7	46.6	69.8
63	28.3	23.1	34.7

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#6

Aniline

Concen: 31.578 ng

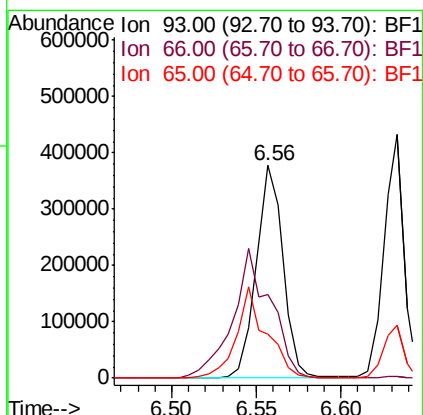
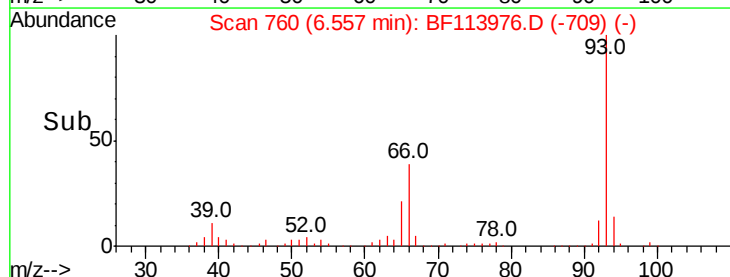
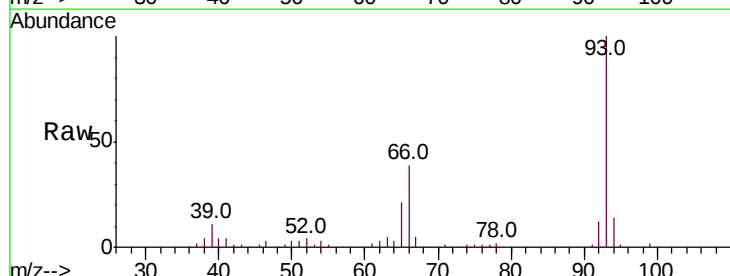
RT: 6.56 min Scan# 760

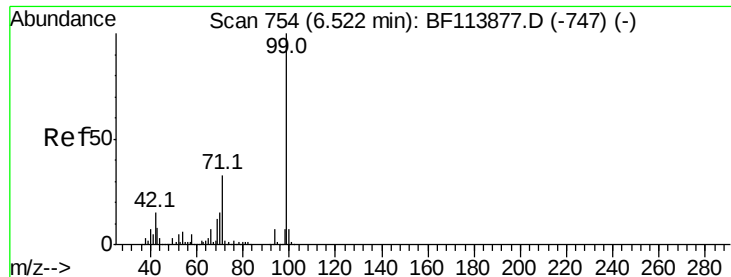
Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:	93	Resp:	418954
Ion Ratio	Lower	Upper	
93	100		
66	39.5	29.8	44.6
65	20.6	14.9	22.3





#7

Phenol-d6

Concen: 127.686 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

PB119163BS

Tot Ion: 99 Resp: 1233674

Ion Ratio Lower Upper

99 100

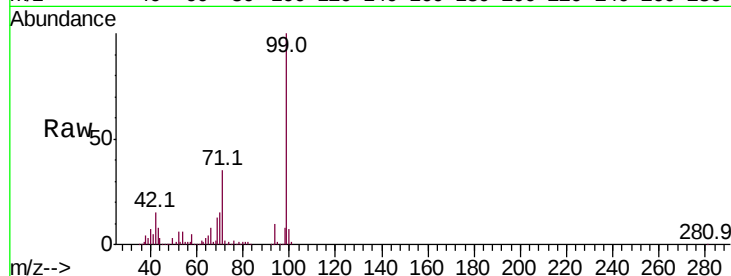
42 15.4 12.5 18.7

71 34.6 26.9 40.3

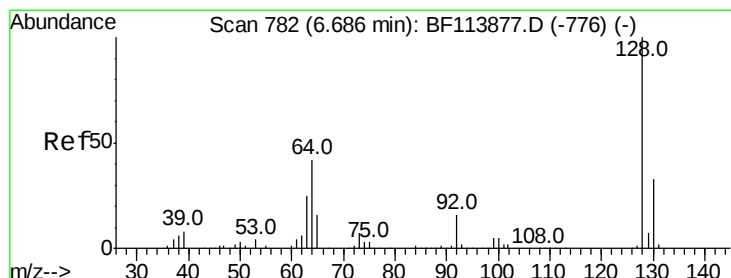
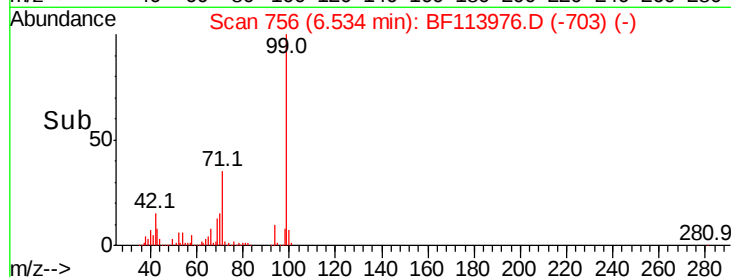
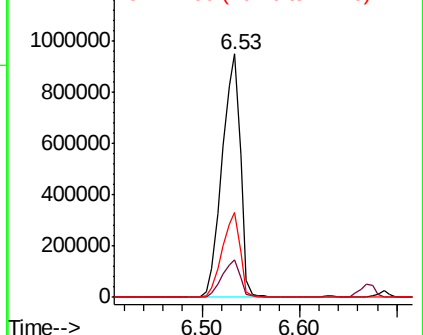
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.326 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

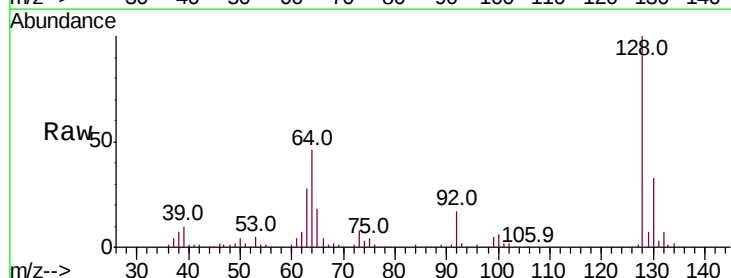
Tgt Ion: 128 Resp: 363346

Ion Ratio Lower Upper

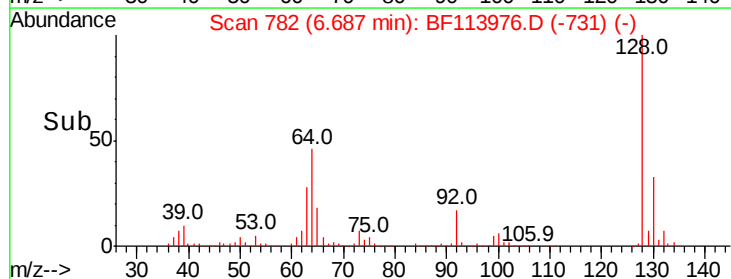
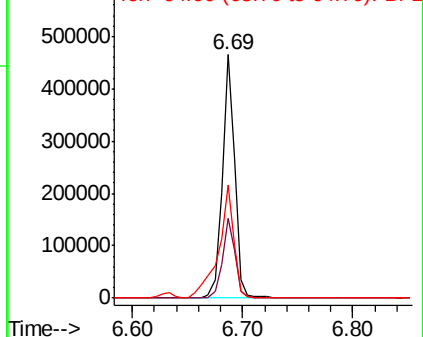
128 100

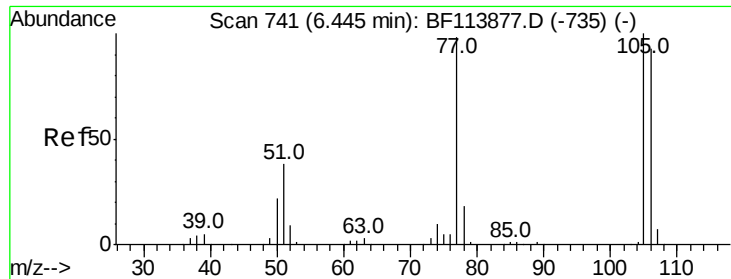
130 32.7 12.3 52.3

64 46.4 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





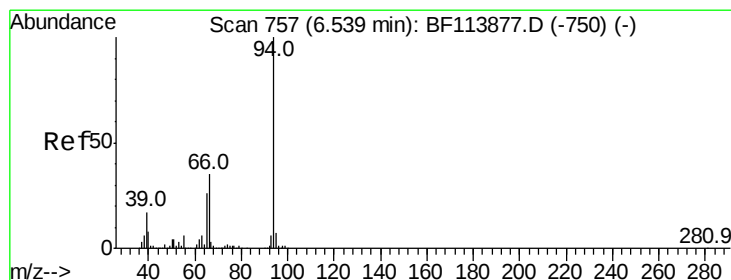
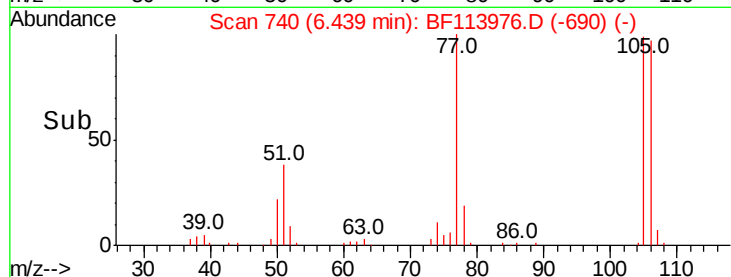
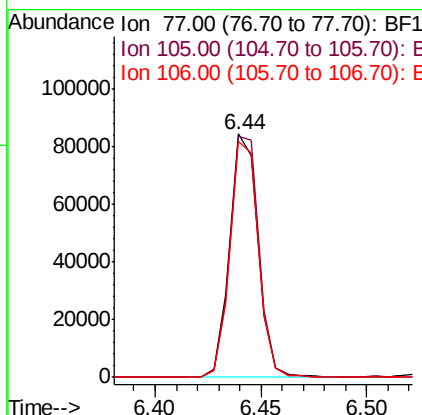
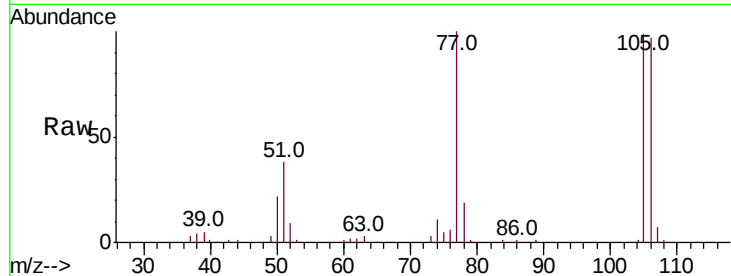
#9
Benzaldehyde
Concen: 9.560 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampled :
PB119163BS

Tot Ion: 77 Resp: 77483
Ion Ratio Lower Upper
77 100
105 99.1 74.1 114.1
106 97.0 70.3 110.3

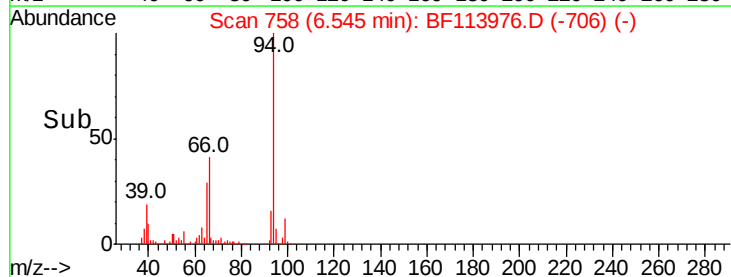
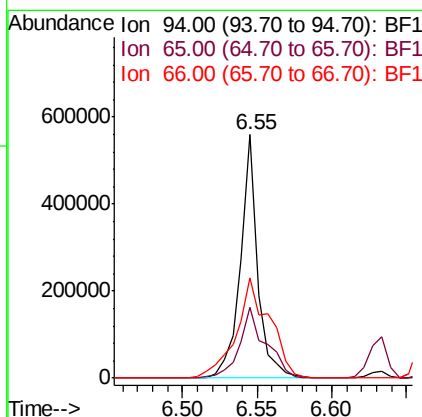
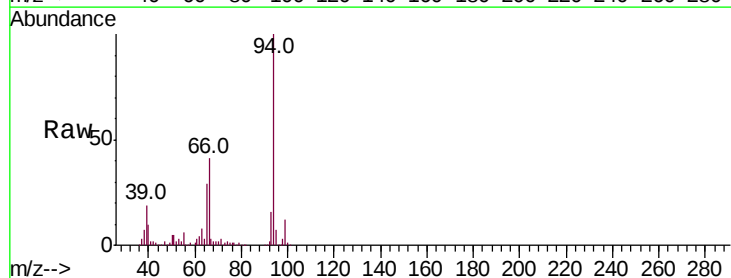
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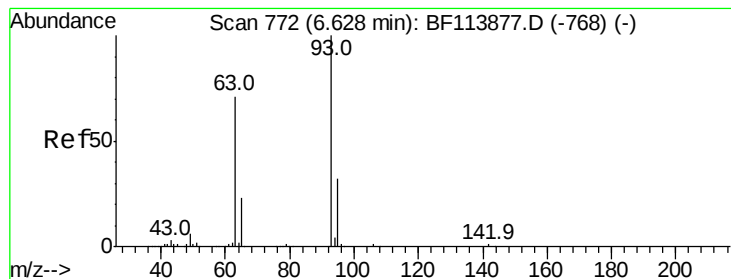
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#10
Phenol
Concen: 39.260 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion: 94 Resp: 453588
Ion Ratio Lower Upper
94 100
65 29.2 8.1 48.1
66 41.0 16.6 56.6





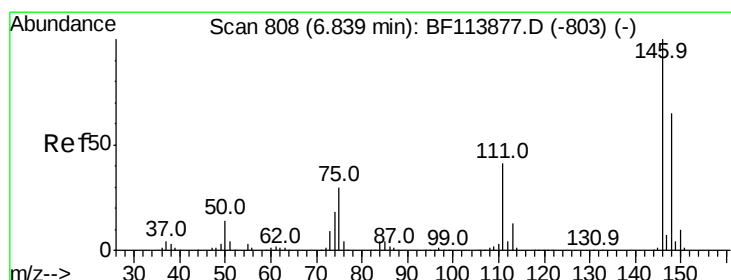
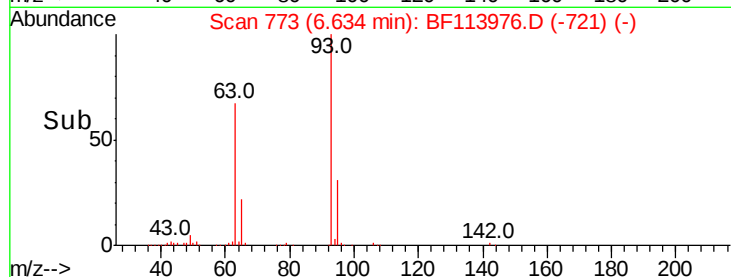
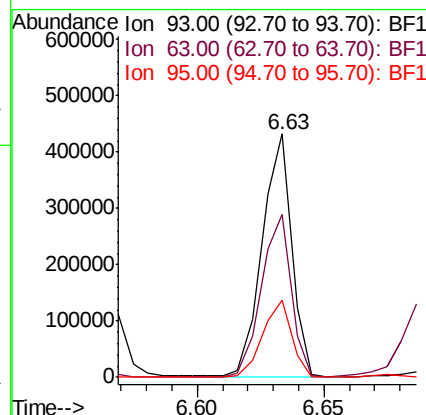
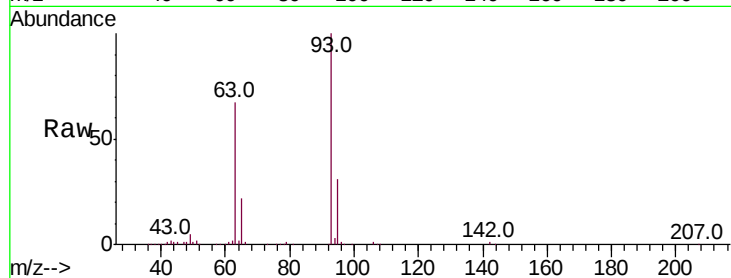
#11
bis(2-Chloroethyl)ether
Concen: 40.567 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	352690		
63	66.9	50.7	90.7	
95	31.5	12.3	52.3	

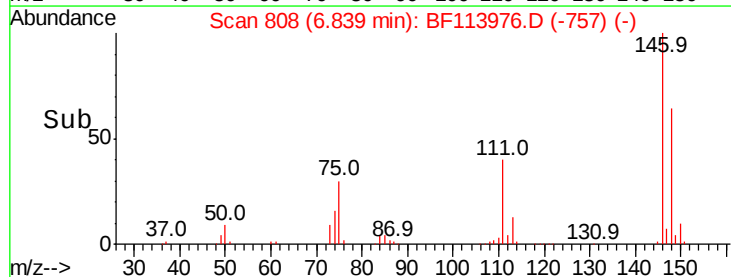
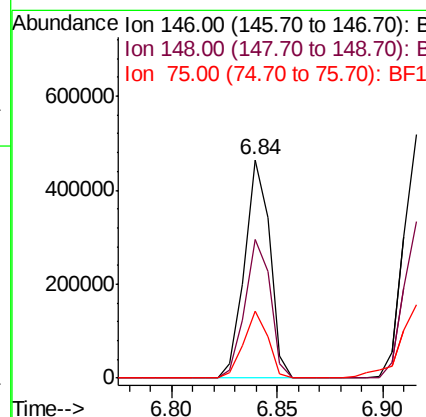
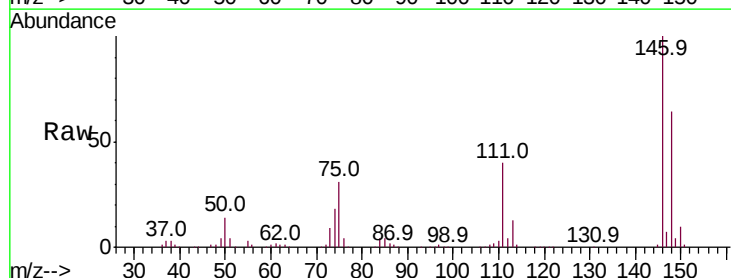
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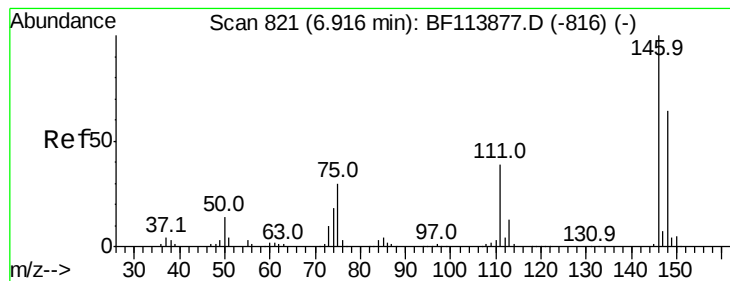
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#12
1,3-Dichlorobenzene
Concen: 38.614 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	384509		
148	63.6	51.0	76.6	
75	30.8	23.8	35.8	





#13

1,4-Dichlorobenzene

Concen: 39.256 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

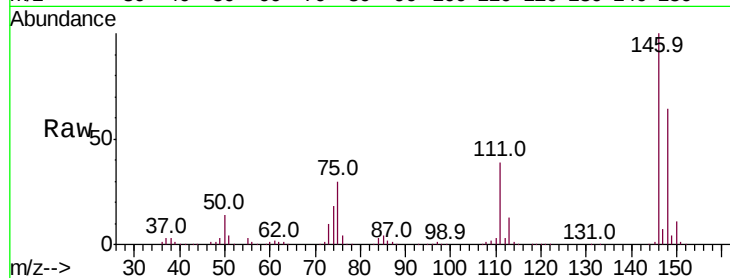
ClientSampleId :

PB119163BS

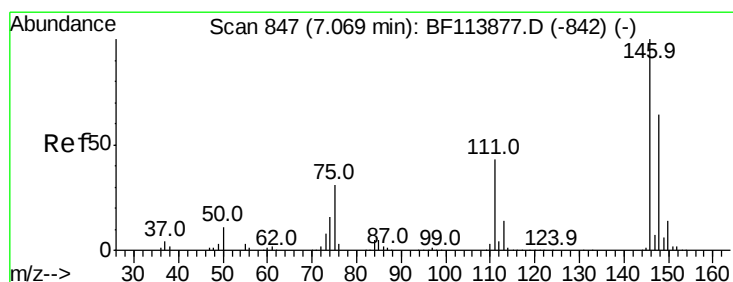
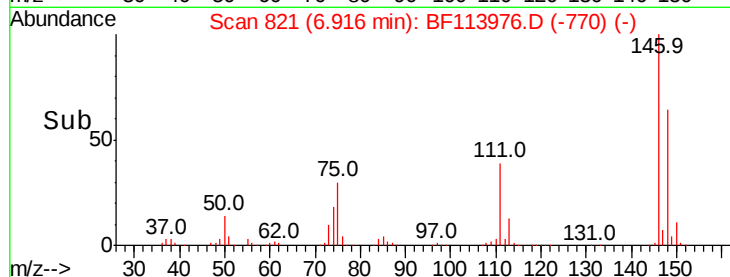
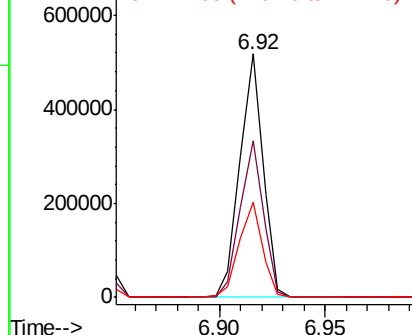
Tot Ion:	146	Resp:	393178
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
111	39.3	30.9	46.3

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.509 ng

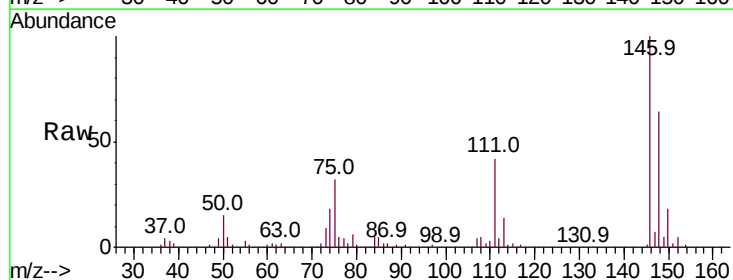
RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

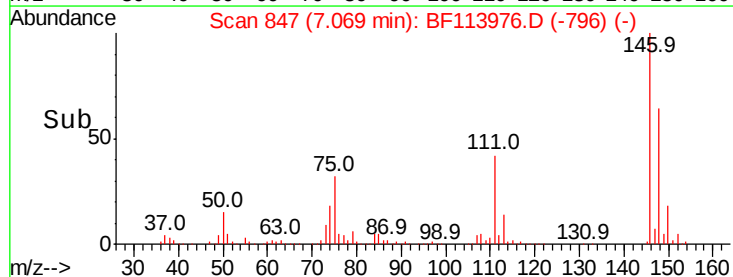
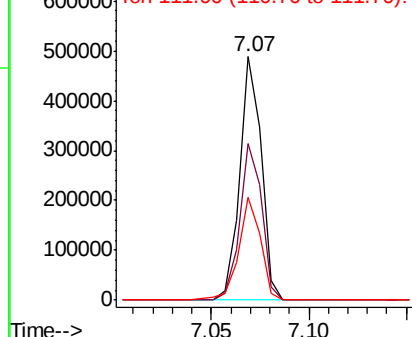
Lab File: BF113976.D

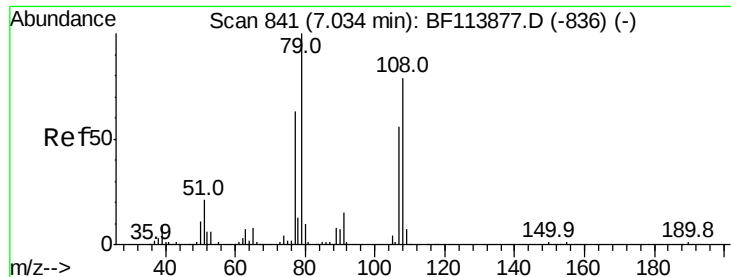
Acq: 25 Apr 2019 14:46

Tgt Ion:	146	Resp:	372868
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.1	78.1
111	42.4	34.2	51.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.501 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

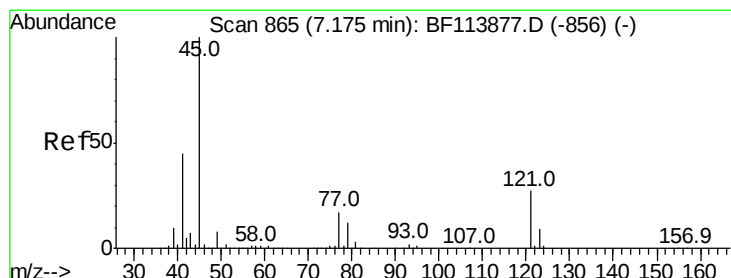
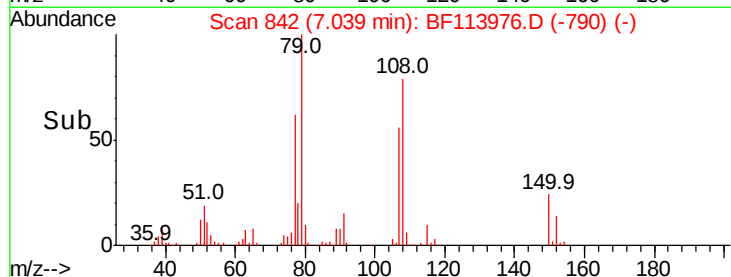
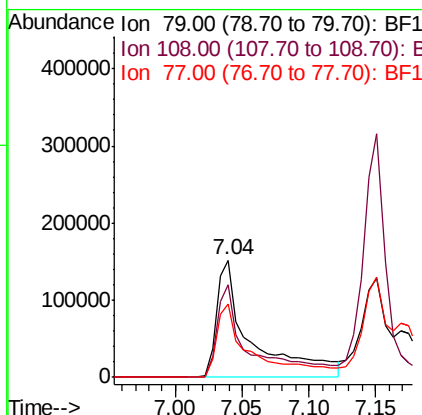
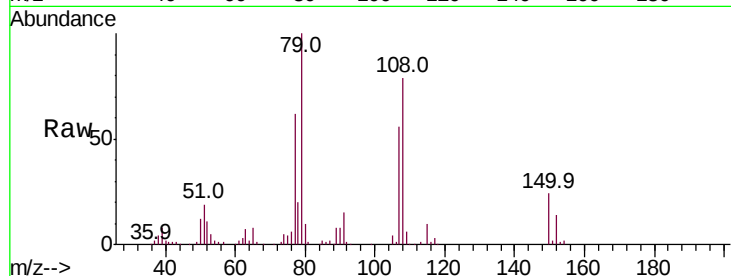
ClientSampleId :

PB119163BS

Tot Ion:	79	Resp:	276562
Ion Ratio	Lower	Upper	
79	100		
108	79.1	61.4	92.0
77	62.2	51.6	77.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.601 ng

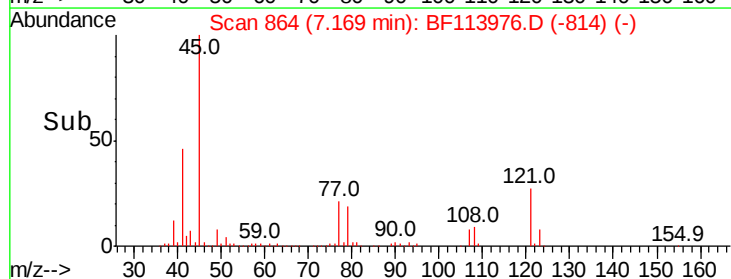
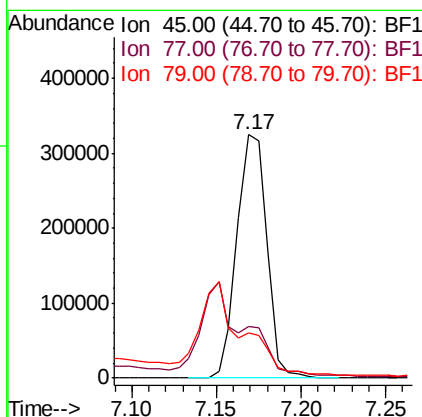
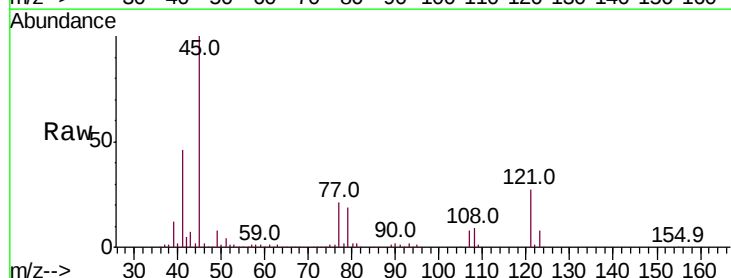
RT: 7.17 min Scan# 864

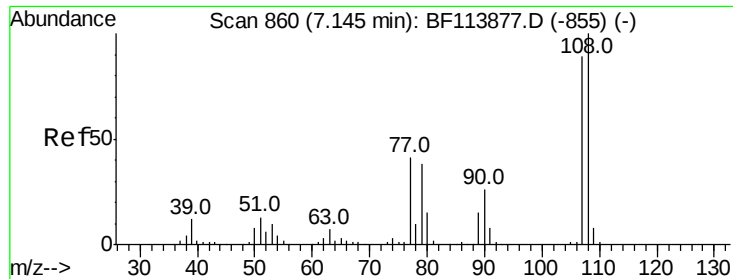
Delta R.T. -0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:	45	Resp:	401903
Ion Ratio	Lower	Upper	
45	100		
77	21.4	0.0	37.0
79	18.7	0.0	32.7





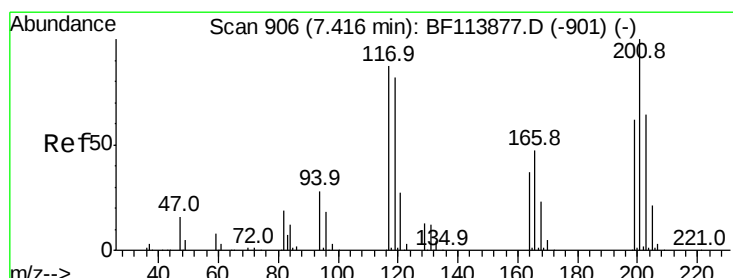
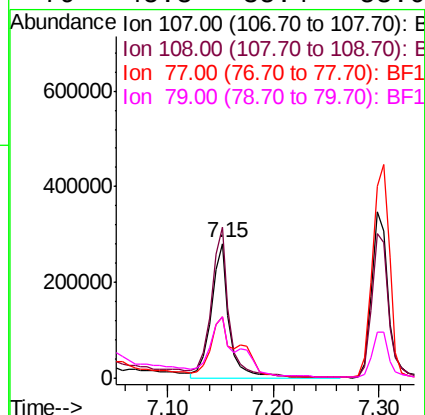
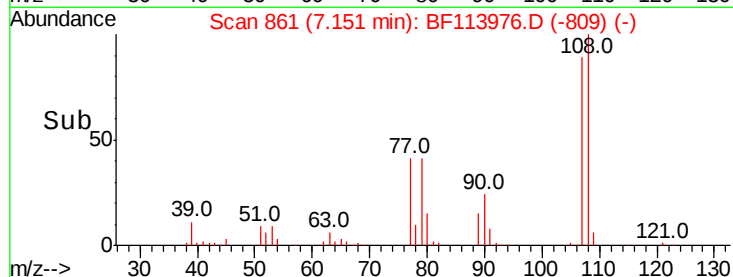
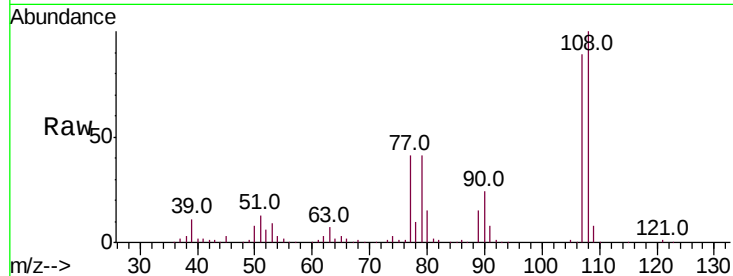
#17
2-Methylphenol
Concen: 43.954 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	91.5	137.3	
77	46.0	36.2	54.4	
79	45.8	35.4	53.0	

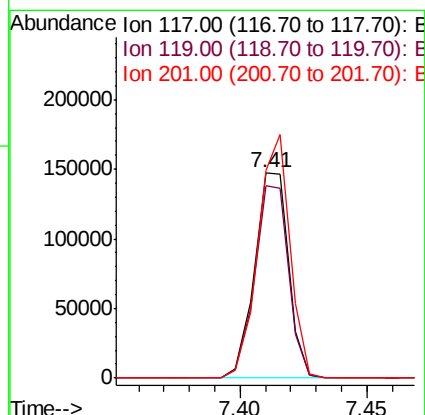
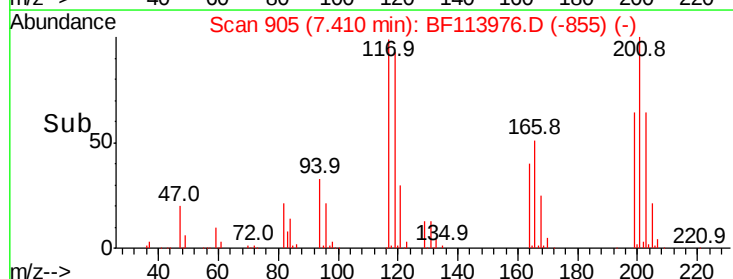
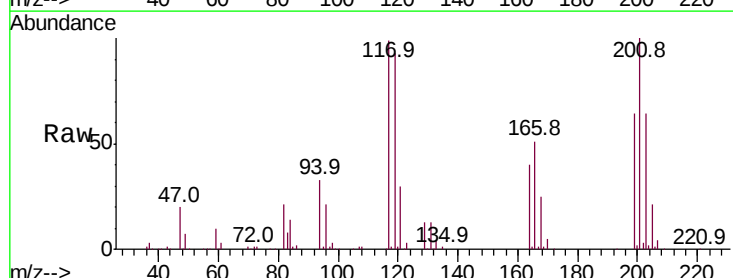
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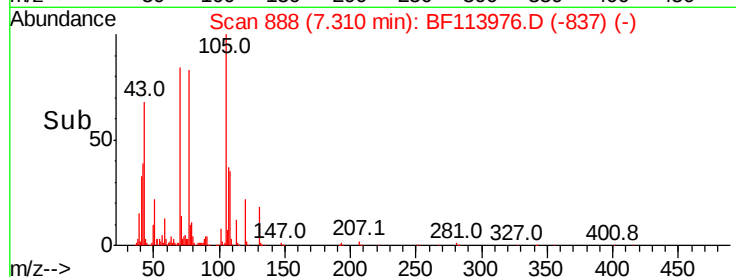
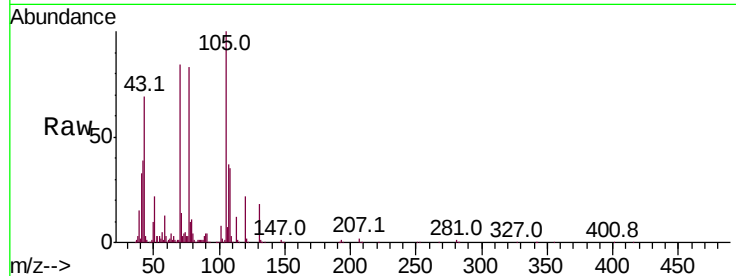
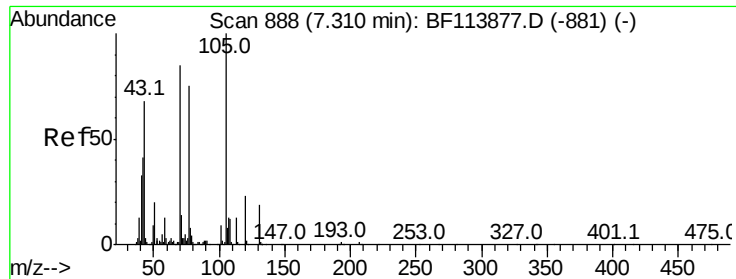
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#18
Hexachloroethane
Concen: 39.304 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	74.4	111.6	
201	101.3	90.2	135.2	





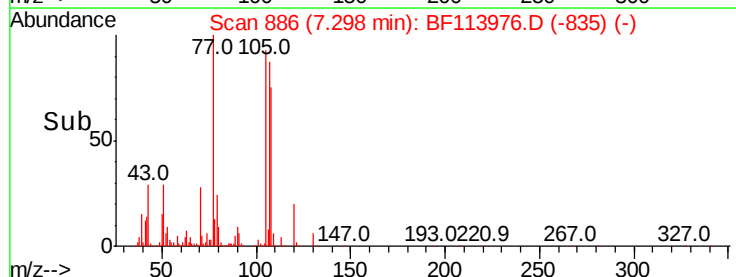
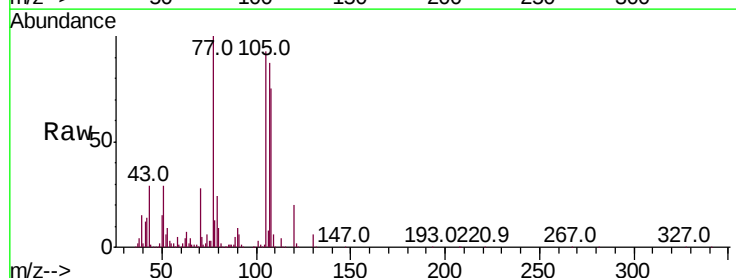
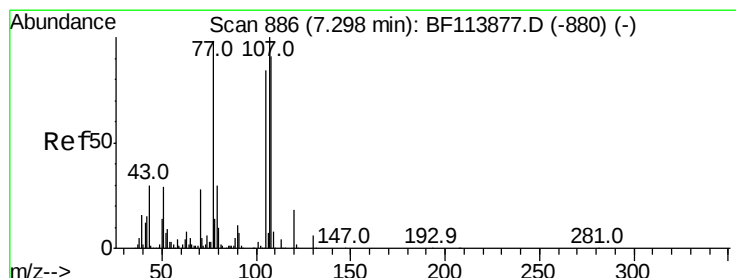
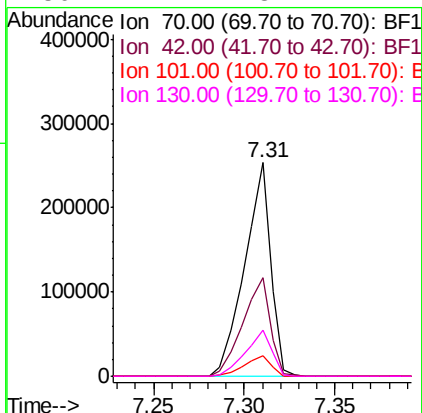
#19
n-Nitroso-di-n-propylamine
Concen: 40.528 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	37.3	55.9
101	9.5	7.8	11.8
130	21.7	18.2	27.2

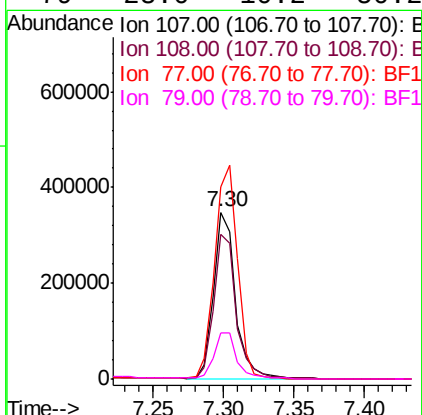
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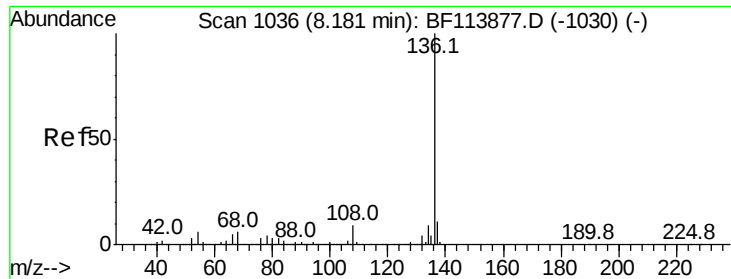
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#20
3+4-Methylphenols
Concen: 42.793 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	70.1	110.1
77	114.8	52.9	92.9#
79	28.0	10.2	50.2





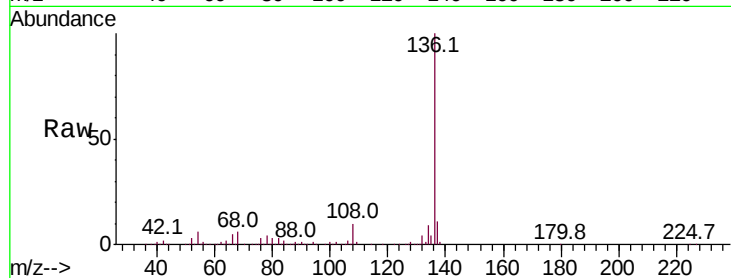
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.6	12.8	
54	6.0	5.0	7.6	
68	6.0	4.9	7.3	

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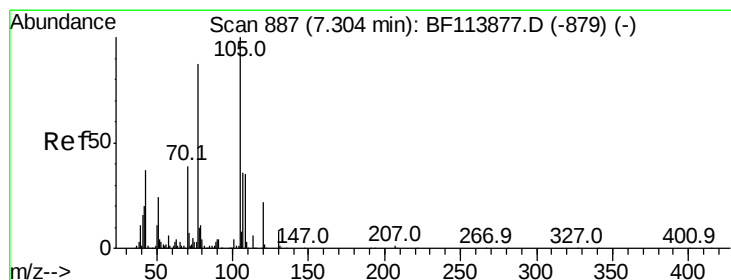
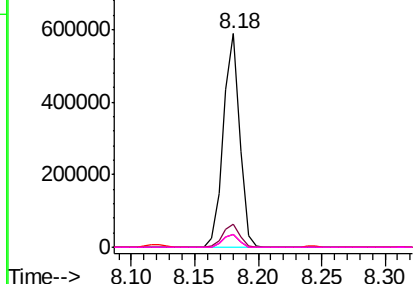
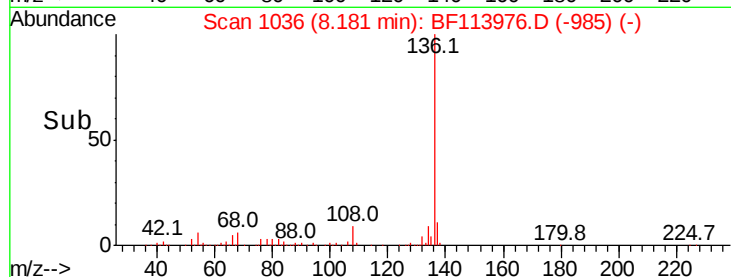
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

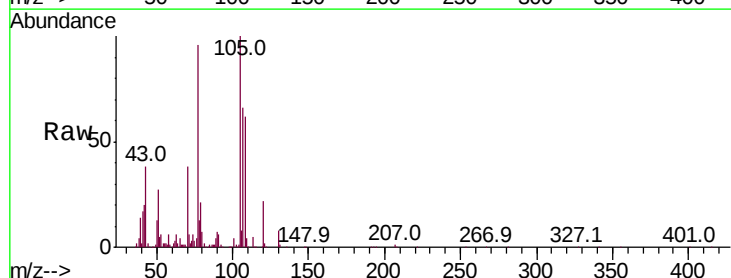
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.815 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	6.1	9.1	
51	27.1	16.8	25.2	
120	21.7	17.6	26.4	



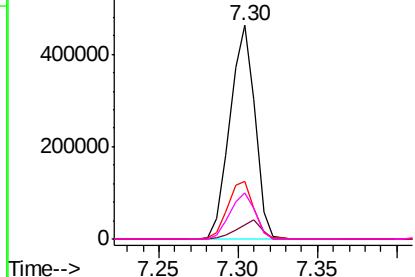
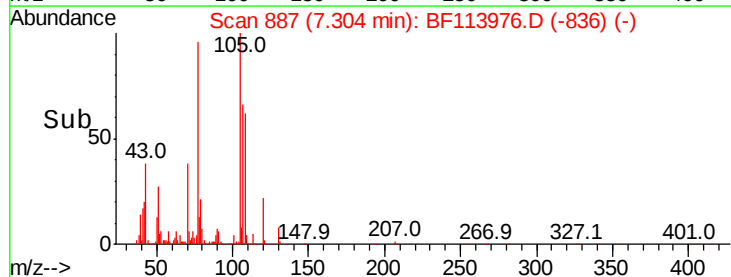
Abundance

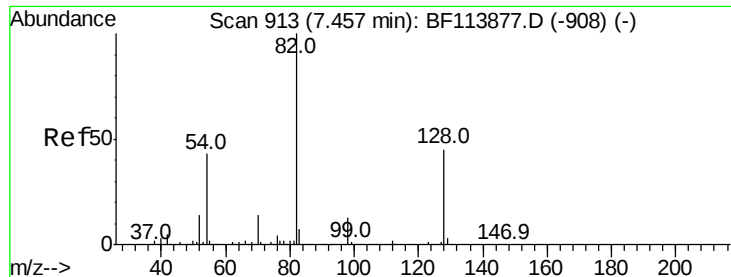
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





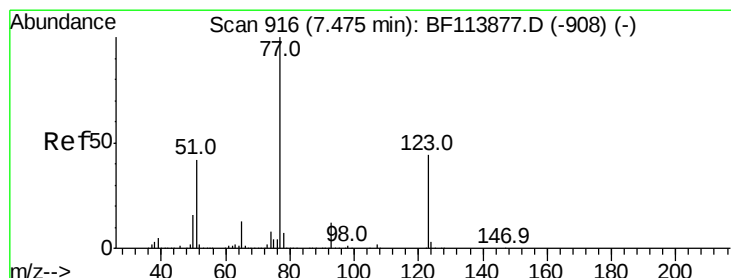
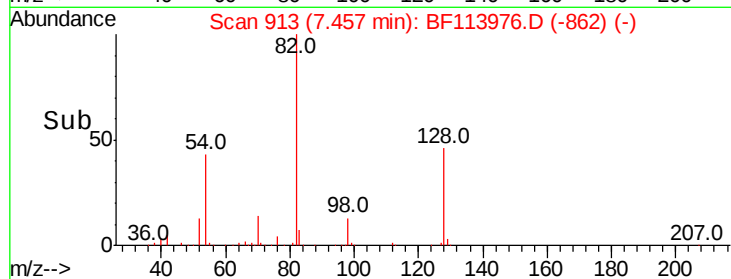
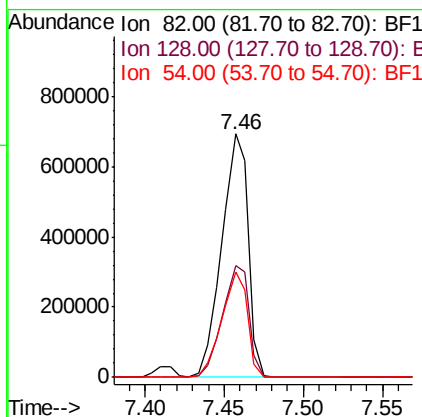
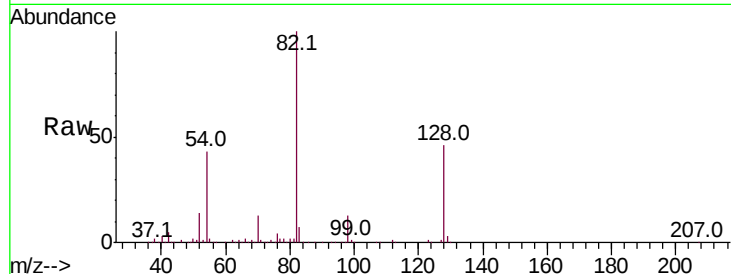
#23
 Nitrobenzene-d5
 Concen: 93.096 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB119163BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.8	55.2
54	43.3	33.8	50.6

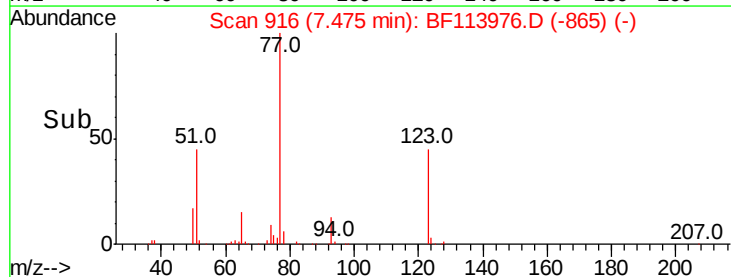
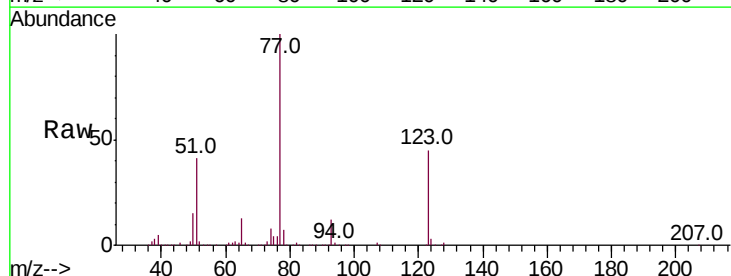
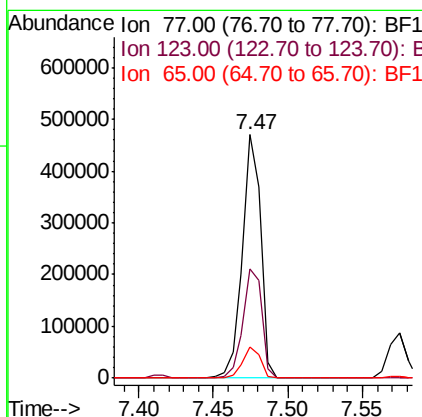
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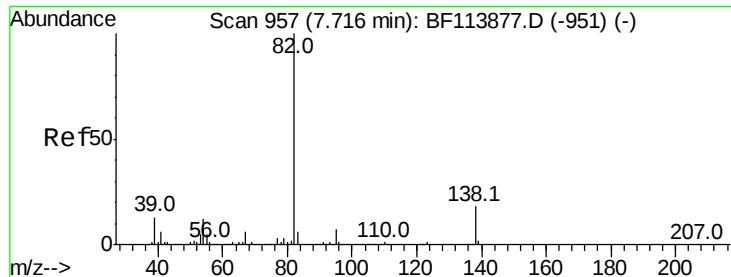
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#24
 Nitrobenzene
 Concen: 42.365 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	36.3	54.5
65	13.0	10.3	15.5





#25

Isophorone

Concen: 40.948 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

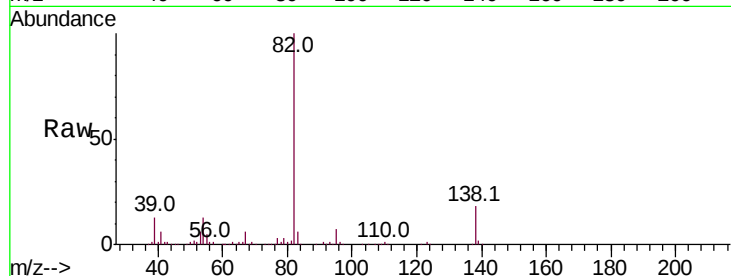
ClientSampleId :

PB119163BS

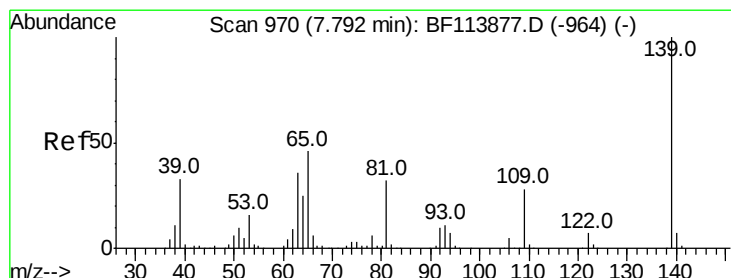
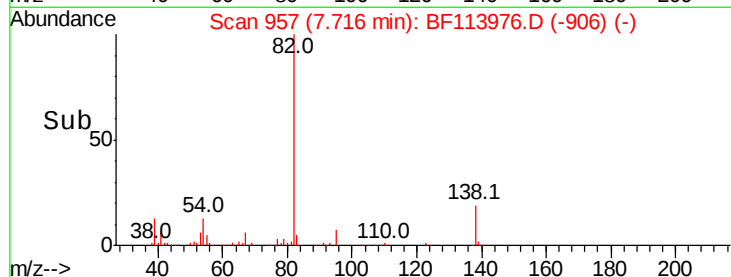
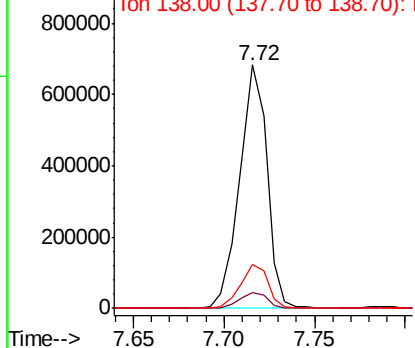
Tot Ion:	82	Resp:	720470
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.2
138	17.8	14.6	22.0

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.744 ng

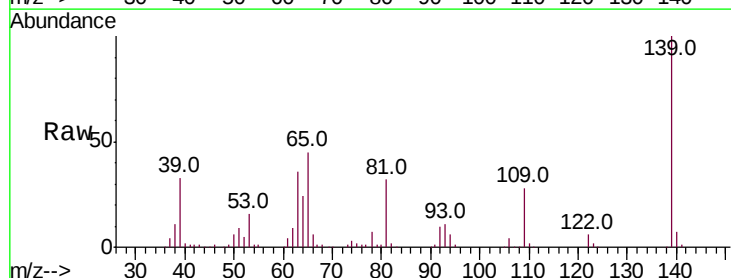
RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

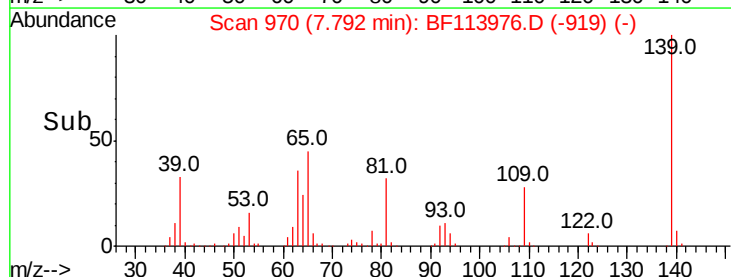
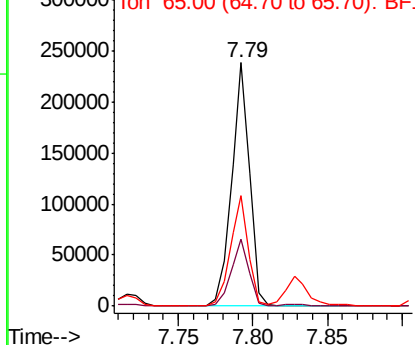
Lab File: BF113976.D

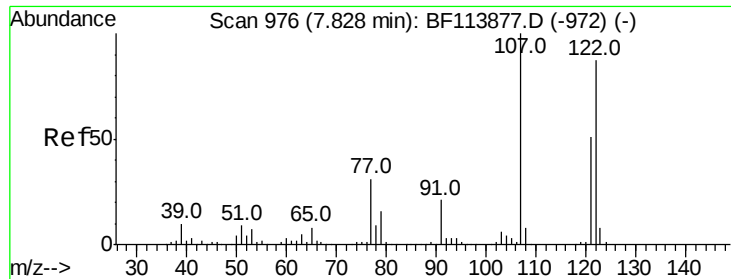
Acq: 25 Apr 2019 14:46

Tgt Ion:	139	Resp:	202618
Ion Ratio	Lower	Upper	
139	100		
109	27.6	20.6	31.0
65	45.3	34.6	52.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.044 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

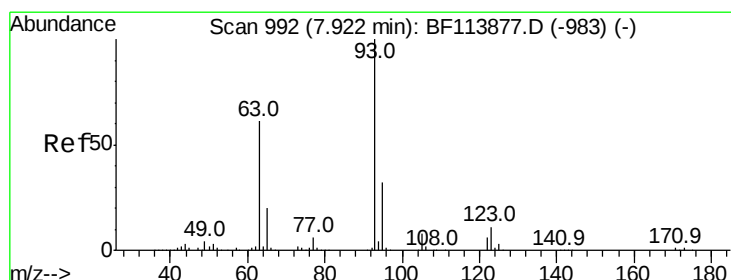
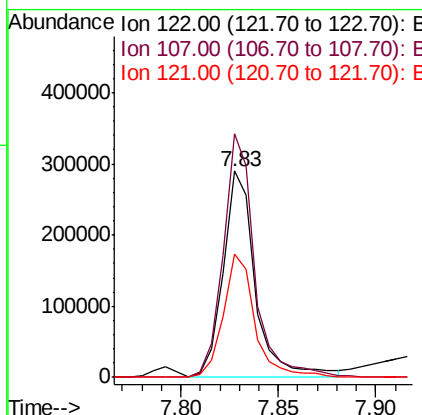
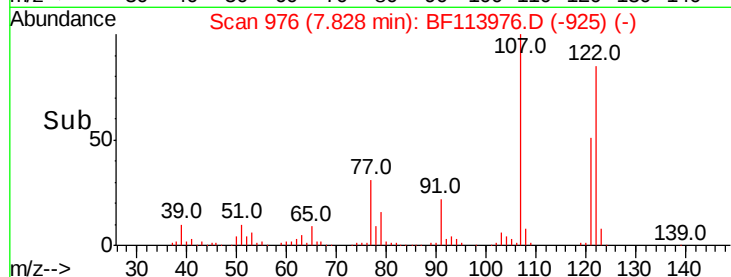
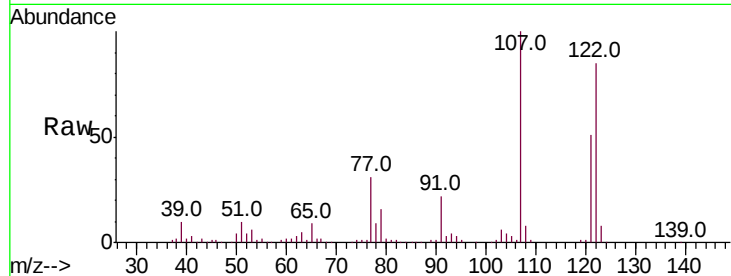
ClientSampleId :

PB119163BS

Tot Ion:	122	Resp:	332240
Ion Ratio	Lower	Upper	
122	100		
107	118.2	91.2	136.8
121	59.9	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 40.016 ng

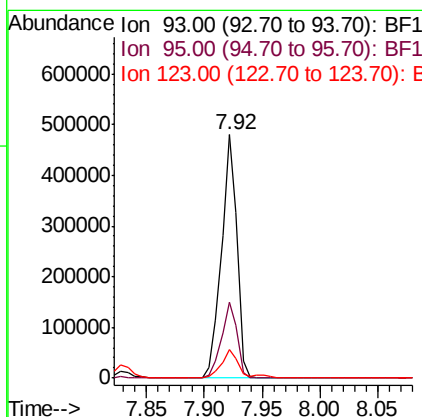
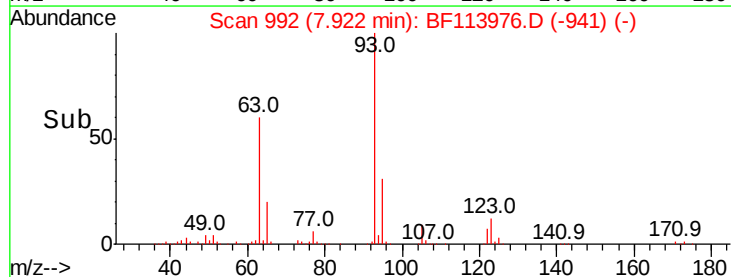
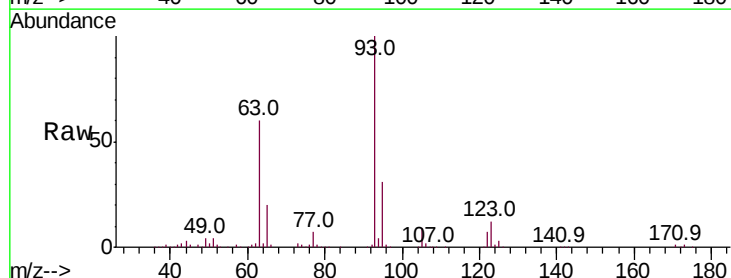
RT: 7.92 min Scan# 992

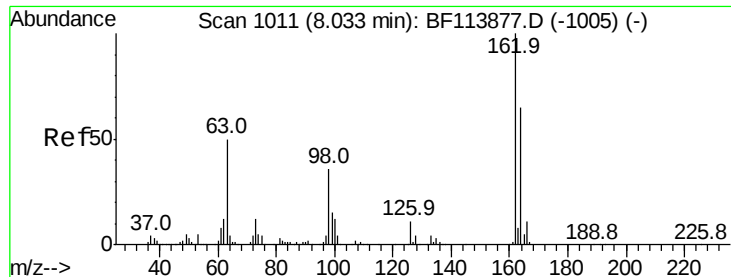
Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:	93	Resp:	448649
Ion Ratio	Lower	Upper	
93	100		
95	31.4	25.8	38.6
123	11.6	9.0	13.6





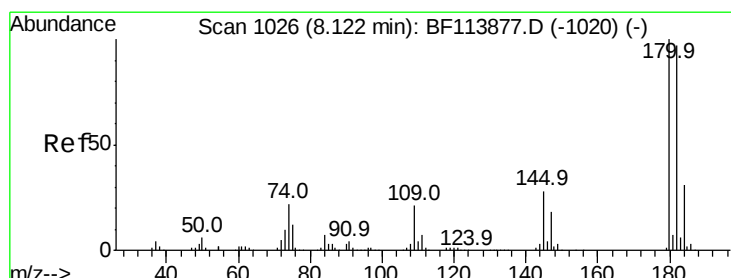
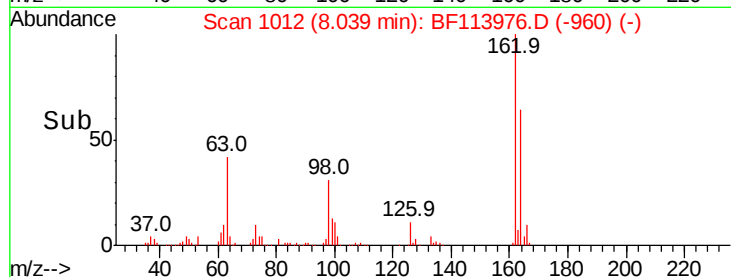
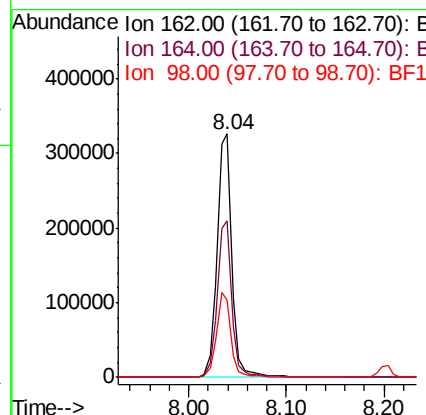
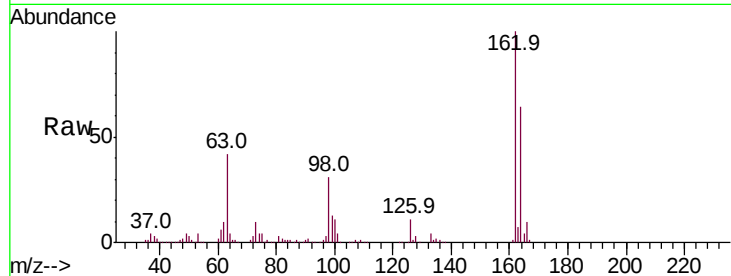
#29
2,4-Dichlorophenol
Concen: 42.175 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	340601		
164	64.1	43.7	83.7	
98	31.5	15.5	55.5	

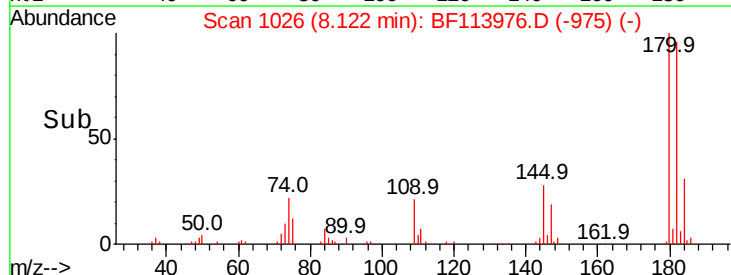
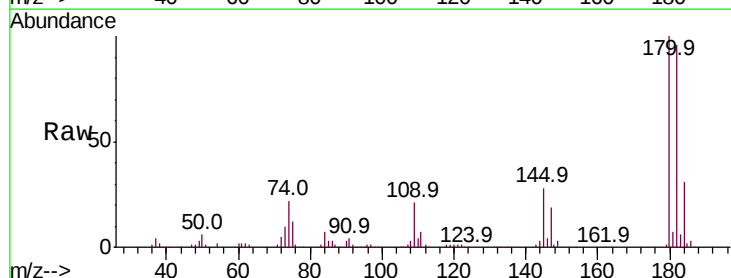
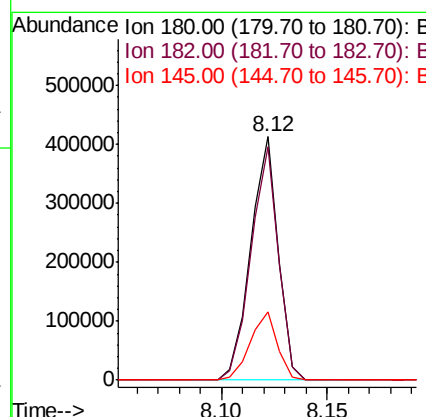
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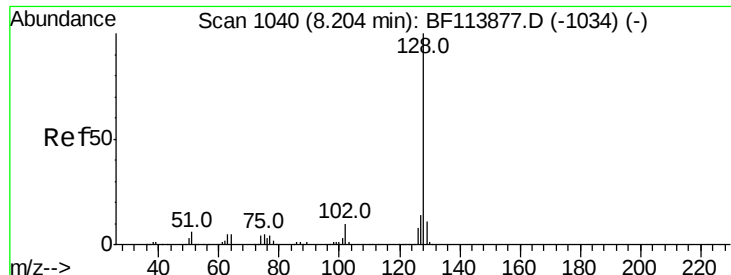
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#30
1,2,4-Trichlorobenzene
Concen: 41.344 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	372292		
182	95.6	75.4	113.0	
145	27.9	23.0	34.4	





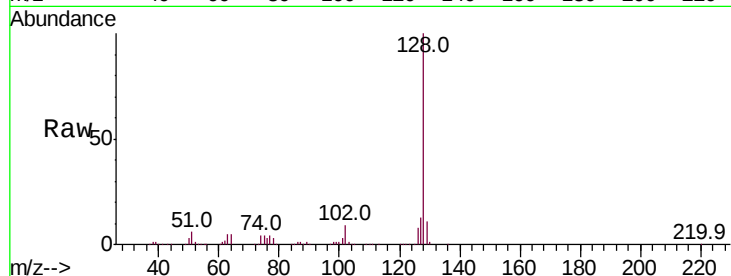
#31
Naphthalene
Concen: 42.024 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.2	10.8	16.2

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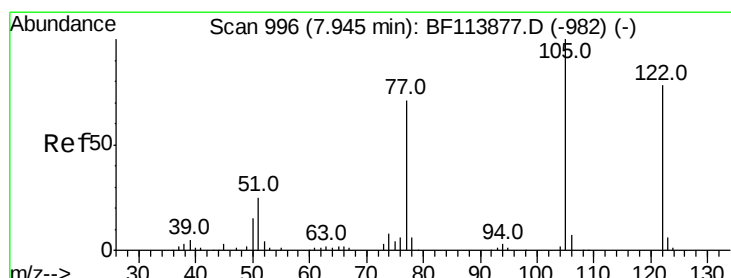
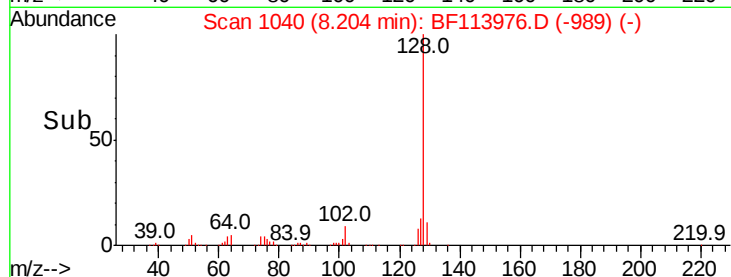
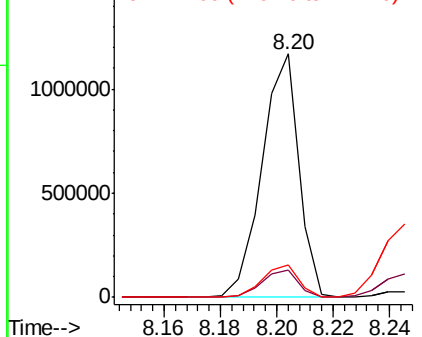


Abundance

Ion 128.00 (127.70 to 128.70): E

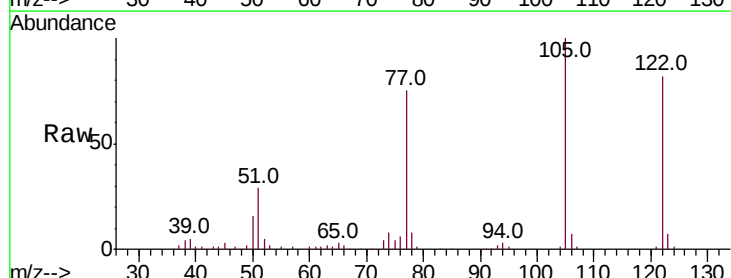
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.685 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	104.3	144.3
77	91.1	70.4	110.4

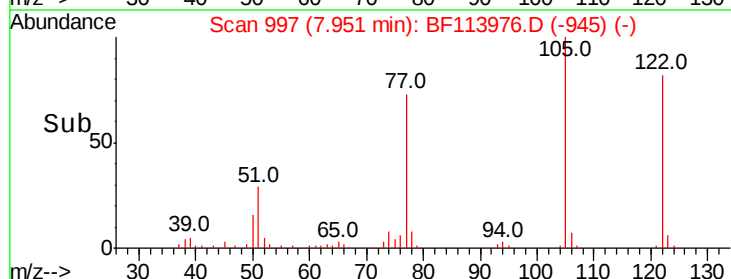
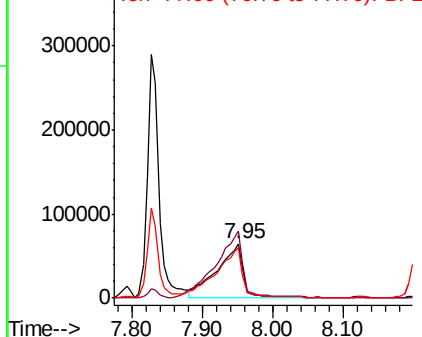


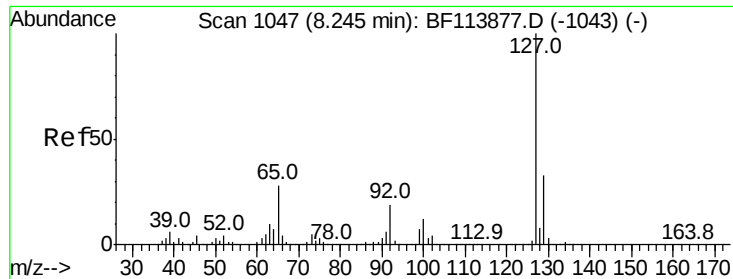
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





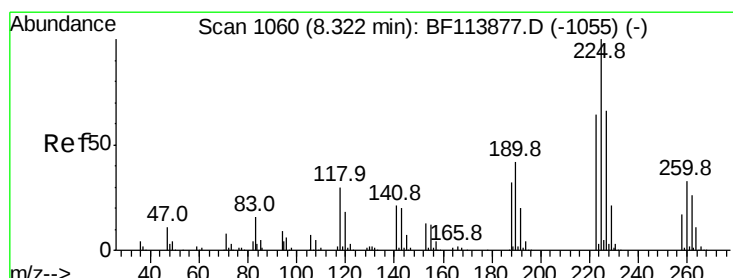
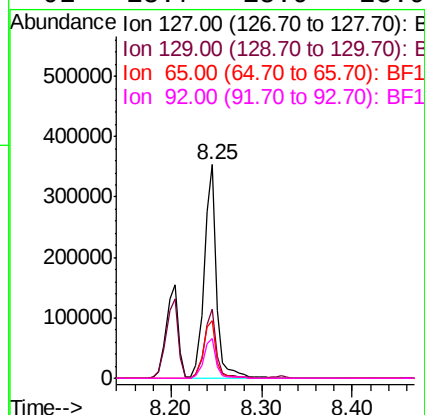
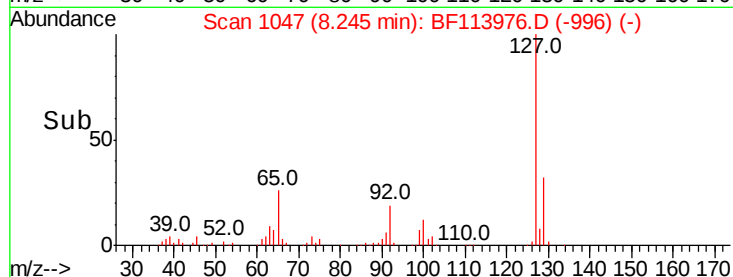
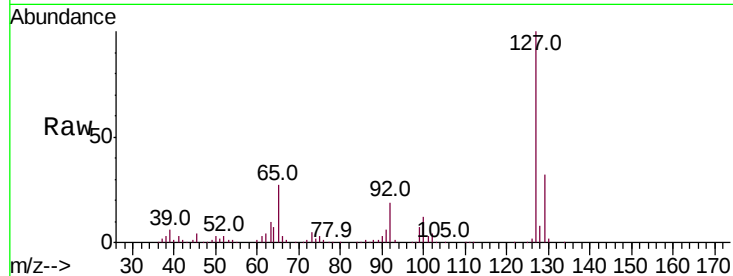
#33
4-Chloroaniline
Concen: 31.378 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampled :
PB119163BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.4	39.6	
65	27.0	24.9	37.3	
92	18.7	15.9	23.9	

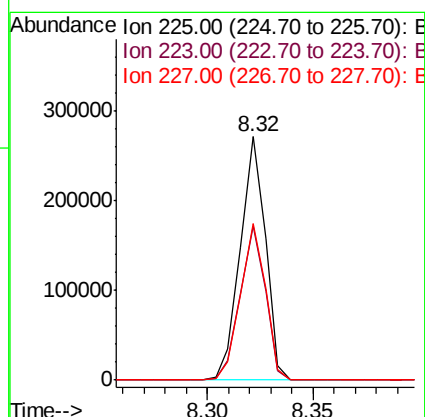
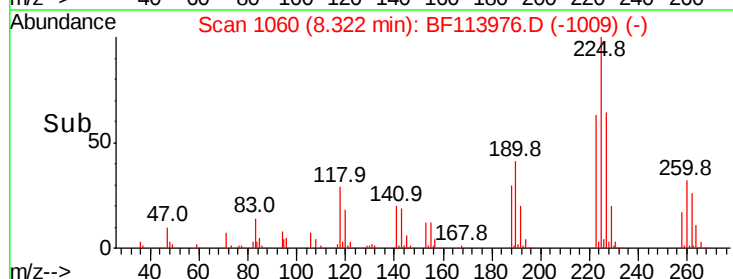
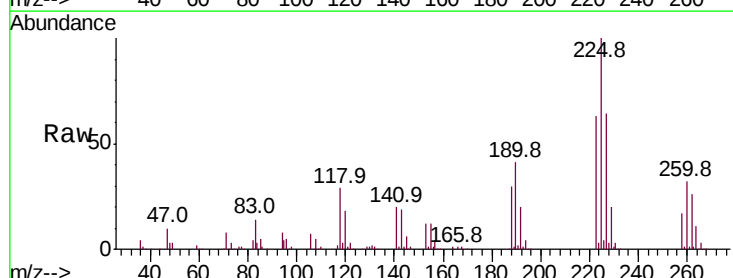
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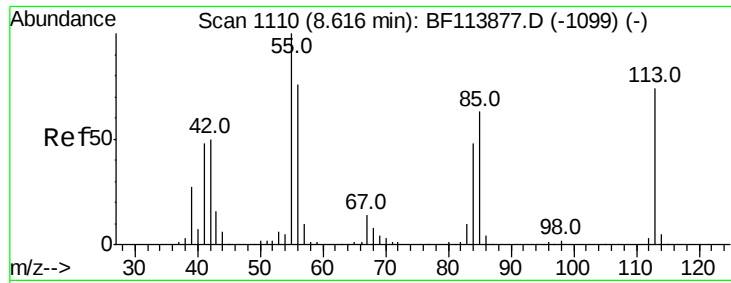
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#34
Hexachlorobutadiene
Concen: 39.706 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	51.1	76.7	
227	64.4	49.9	74.9	





#35

Caprolactam

Concen: 40.853 ng/ml

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

PB119163BS

Tot Ion:113 Resp: 104953

Ion Ratio Lower Upper

113 100

55 137.8 128.6 168.6

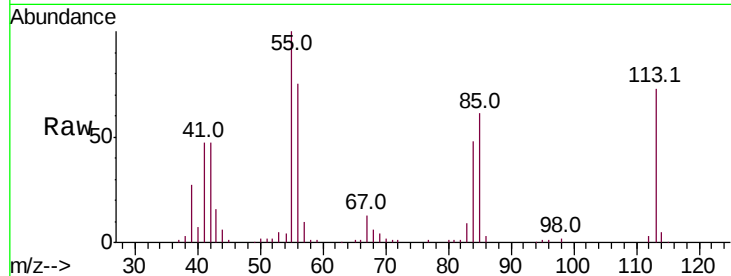
56 103.1 91.9 131.9

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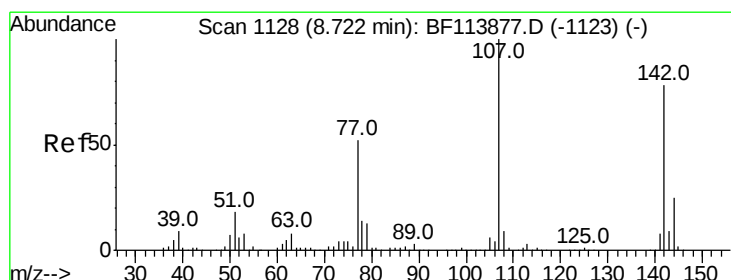
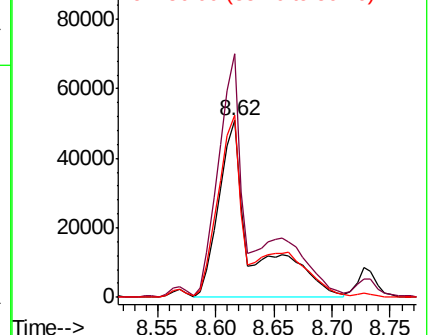
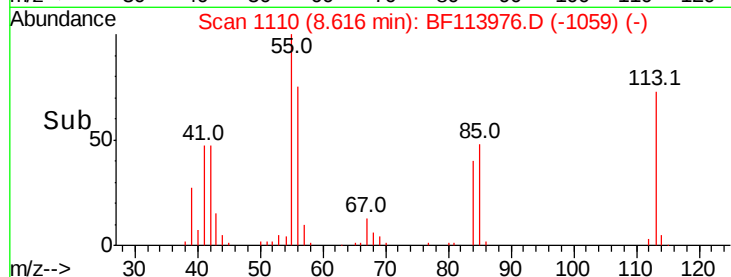
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.294 ng/ml

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

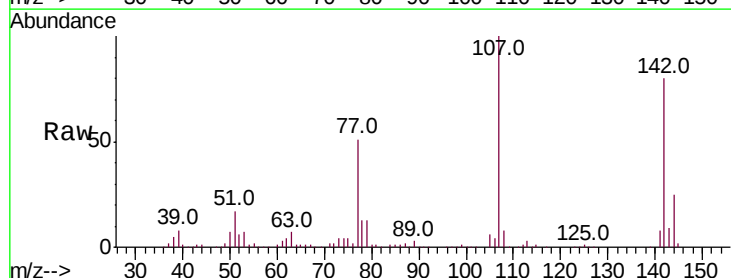
Tgt Ion:107 Resp: 338400

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

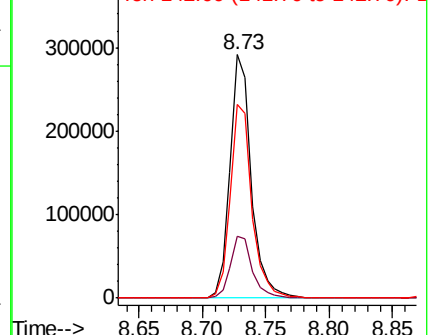
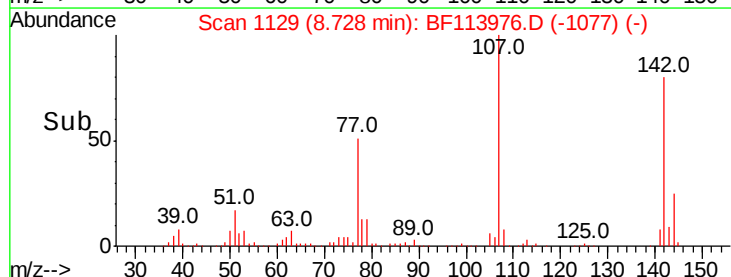
142 79.6 64.2 96.4

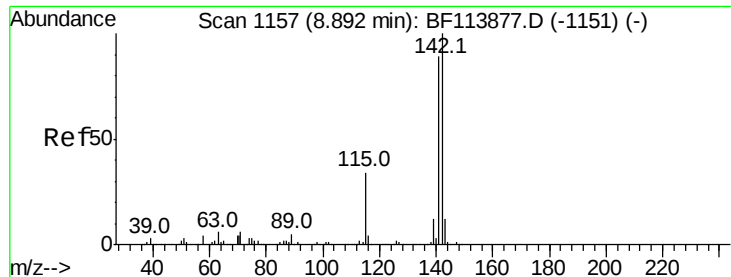


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





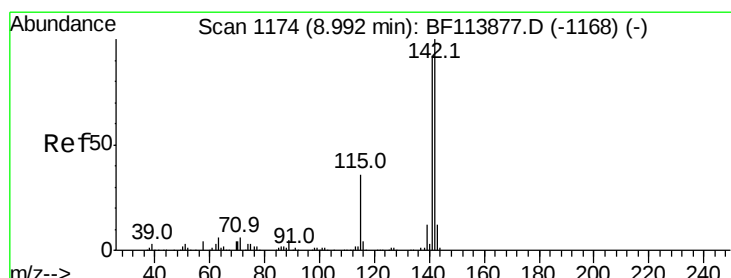
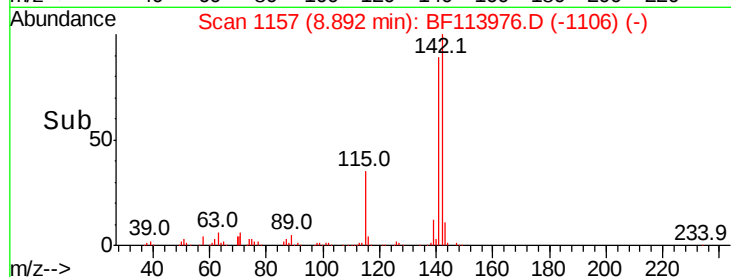
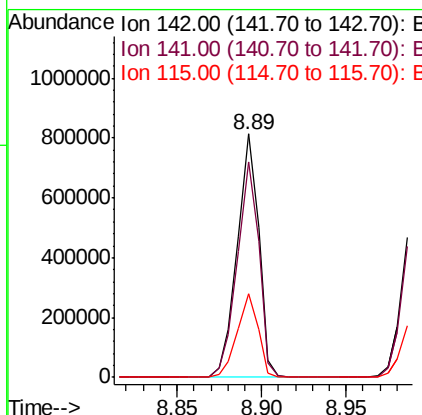
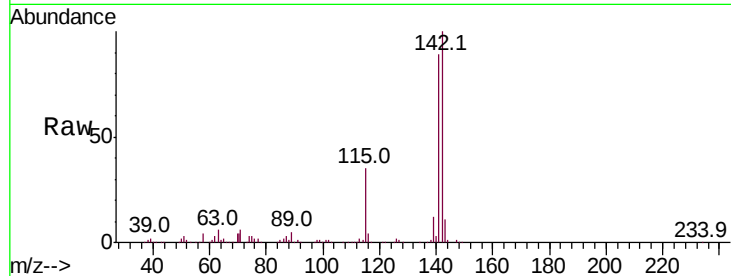
#37
2-Methylnaphthalene
Concen: 42.632 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleID :
PB119163BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	34.6	26.3	39.5

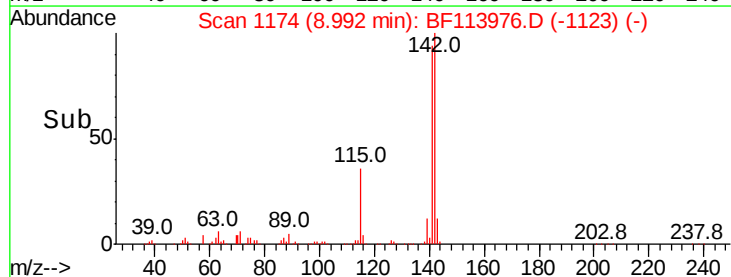
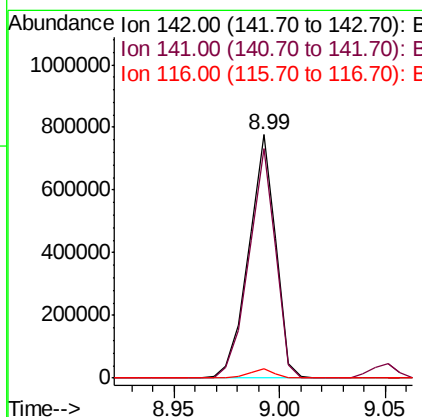
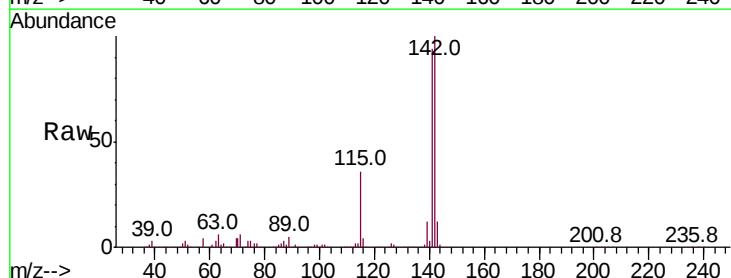
Manual Integrations
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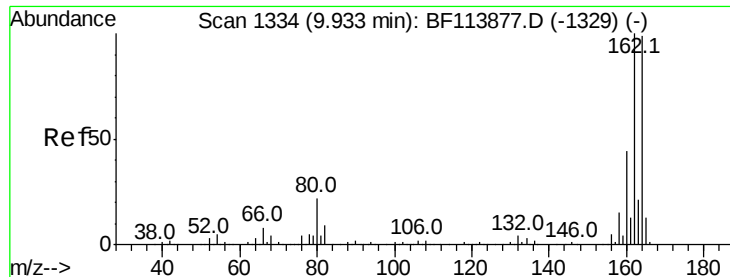
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#38
1-Methylnaphthalene
Concen: 41.837 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	72.3	108.5
116	3.7	3.0	4.4





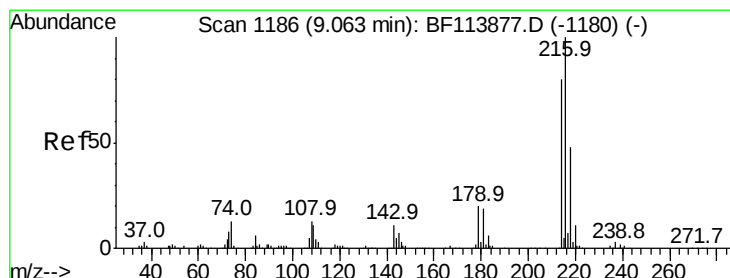
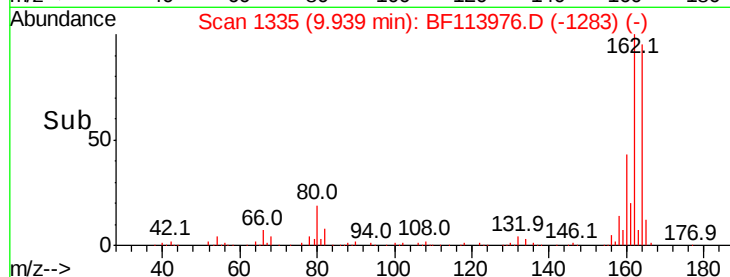
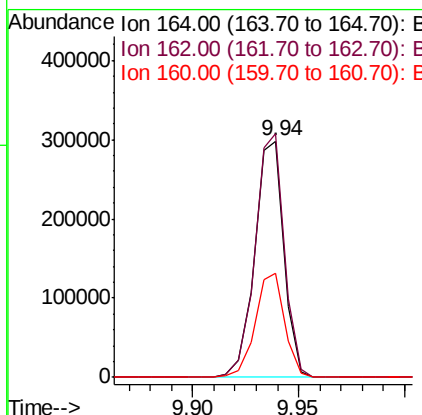
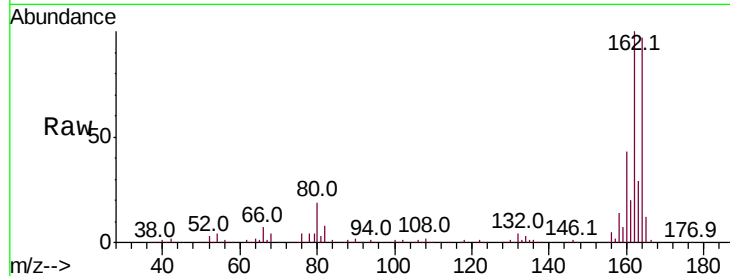
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	287230		
162	103.0	81.1	121.7	
160	44.0	35.8	53.6	

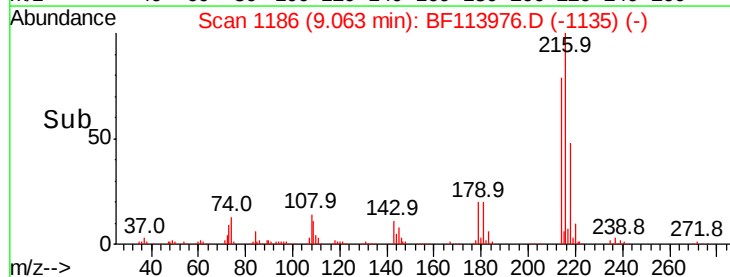
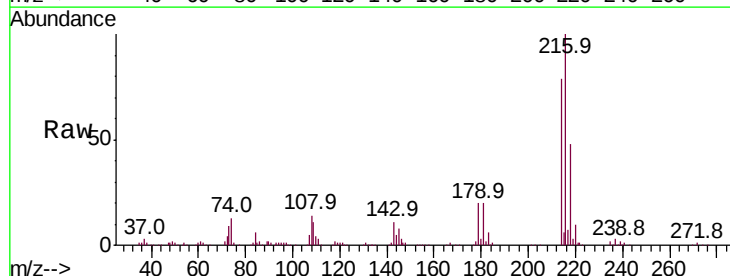
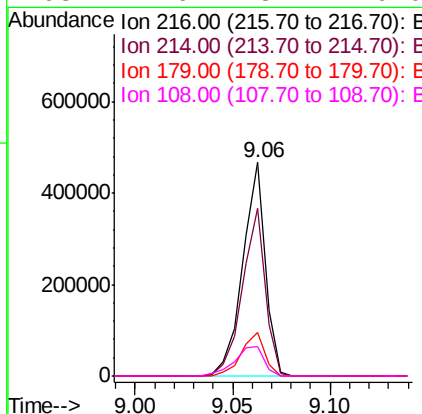
Manual Integrations
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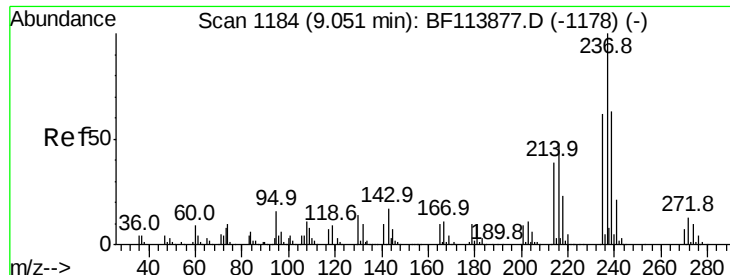
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.369 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	376646		
214	79.4	63.5	95.3	
179	20.8	16.1	24.1	
108	17.6	13.4	20.0	





#41

Hexachlorocyclopentadiene

Concen: 73.128 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

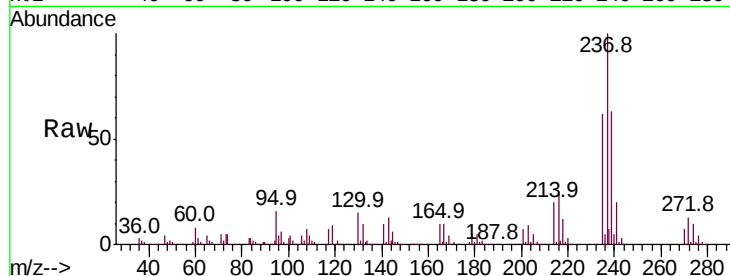
ClientSampleId :

PB119163BS

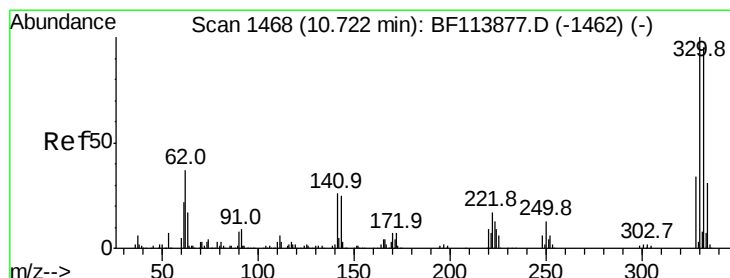
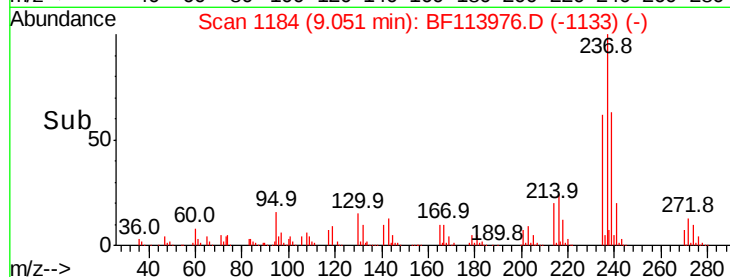
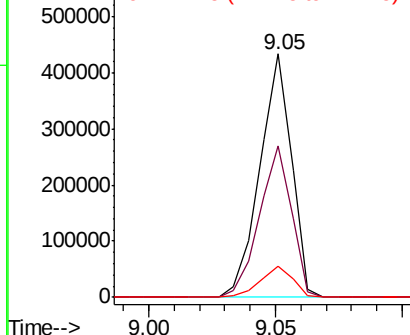
Tot Ion:	237	Resp:	380476
Ion Ratio	Lower	Upper	
237	100		
235	62.1	42.6	82.6
272	12.7	0.0	33.8

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.632 ng

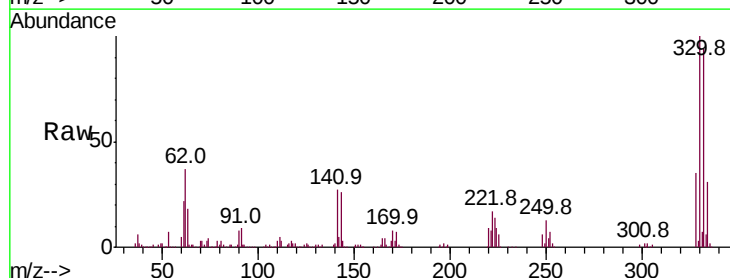
RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

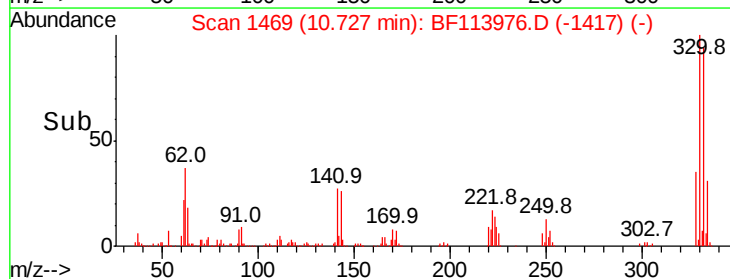
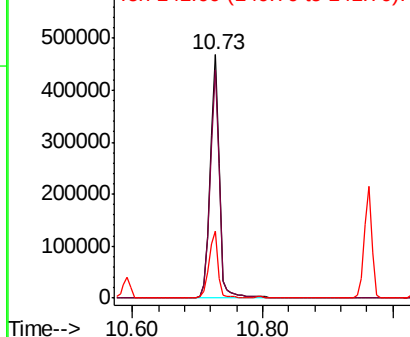
Lab File: BF113976.D

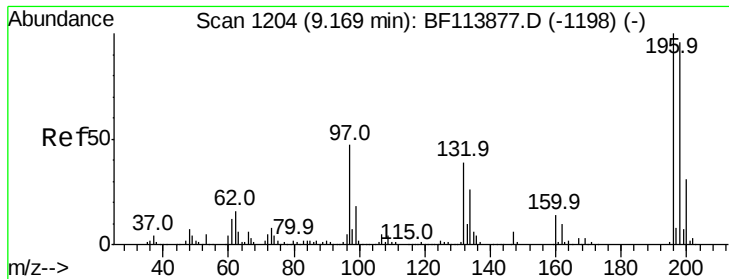
Acq: 25 Apr 2019 14:46

Tgt Ion:	330	Resp:	460586
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.5	116.3
141	27.2	22.2	33.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





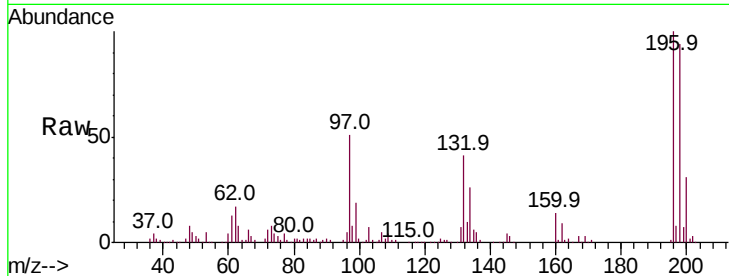
#43
 2,4,6-Trichlorophenol
 Concen: 42.606 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Instrument :
 BNA_F
 ClientSampled :
 PB119163BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252426		
198	94.4	75.6	113.4	
200	30.5	24.7	37.1	

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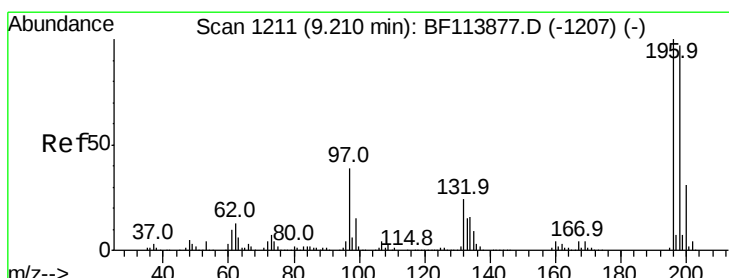
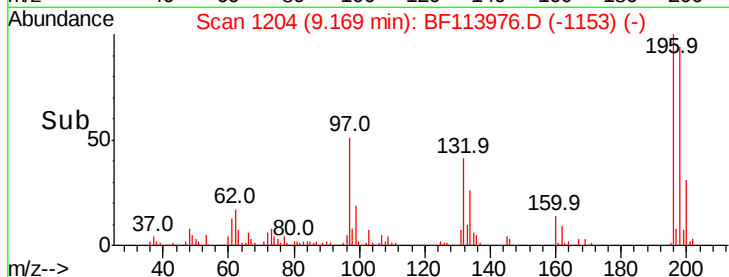
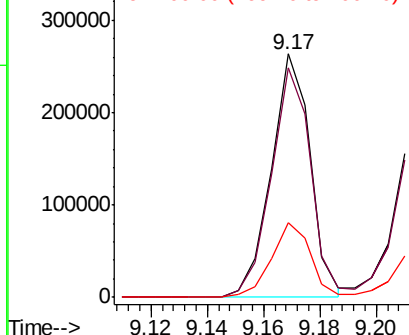


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.848 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	284739		
198	94.3	76.2	114.4	
97	43.7	35.8	53.8	
132	26.1	20.9	31.3	

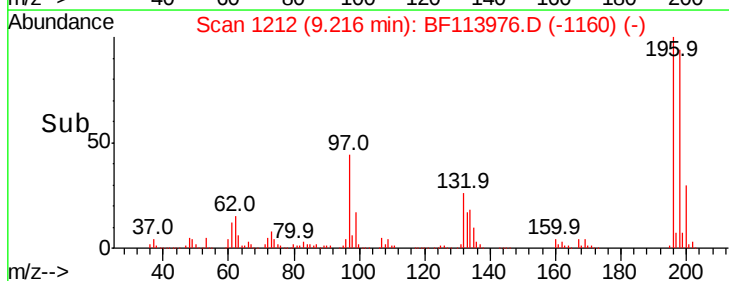
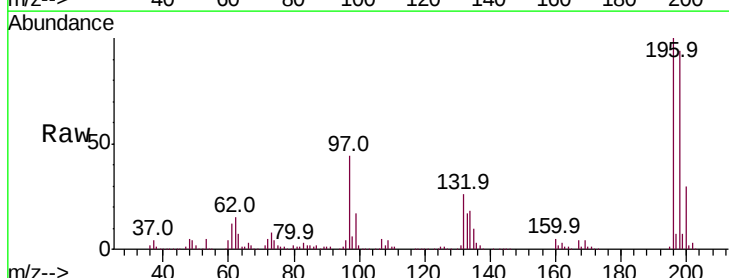
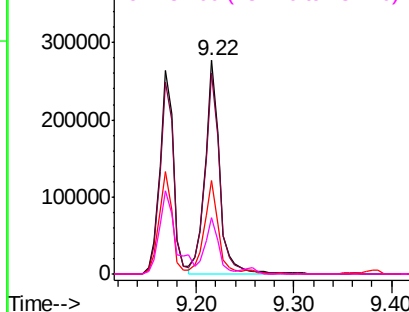
Abundance

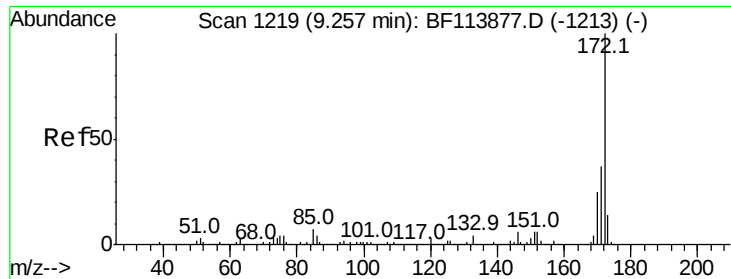
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





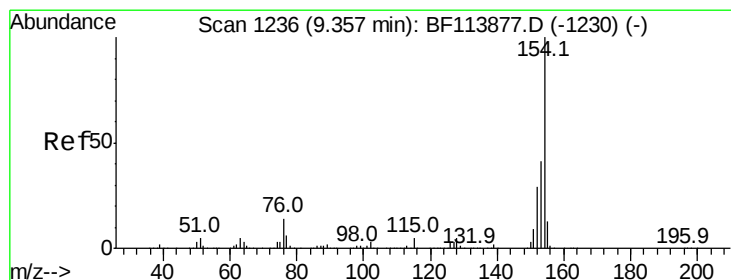
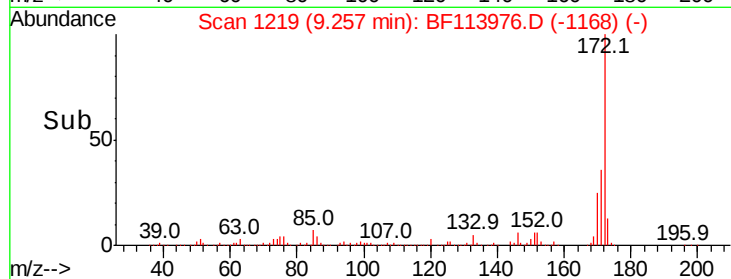
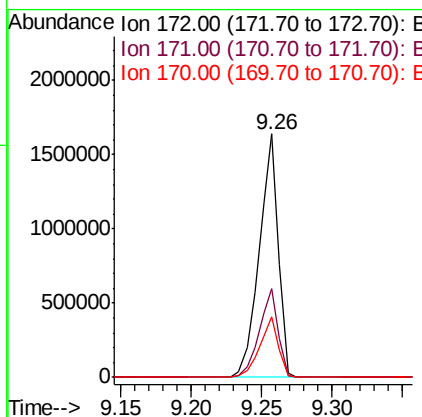
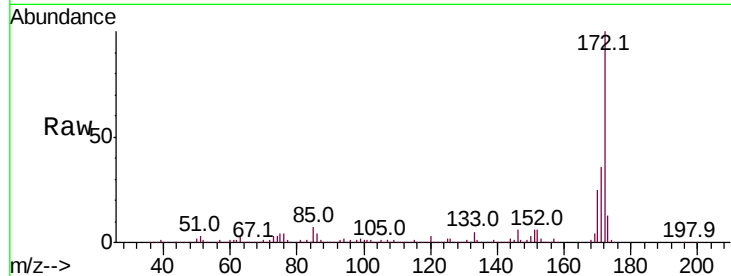
#45
2-Fluorobiphenyl
Concen: 85.104 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.7	19.9	29.9

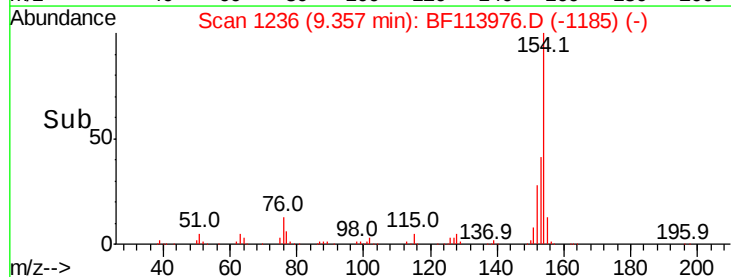
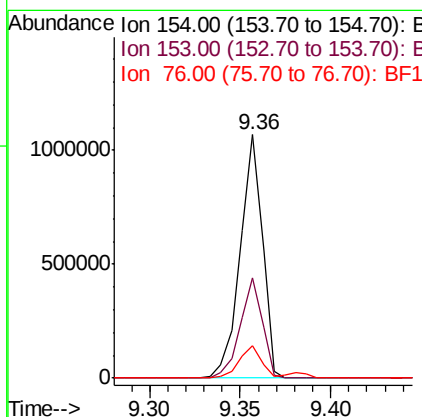
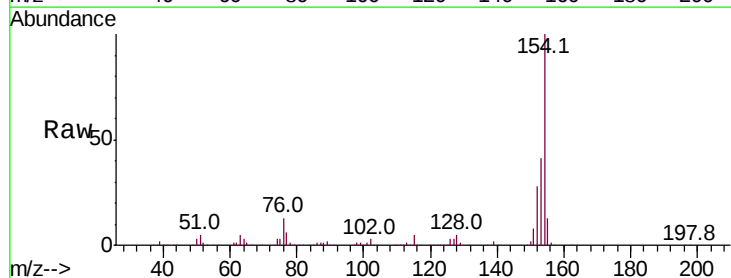
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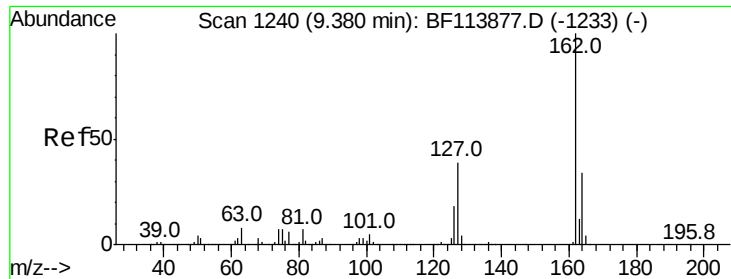
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#46
1,1'-Biphenyl
Concen: 41.528 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.8	60.8
76	13.3	0.0	35.2





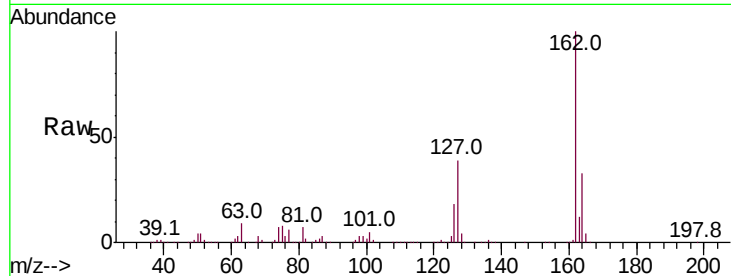
#47
2-Chloronaphthalene
Concen: 41.136 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

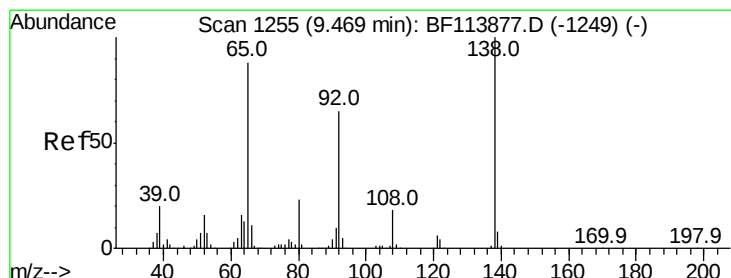
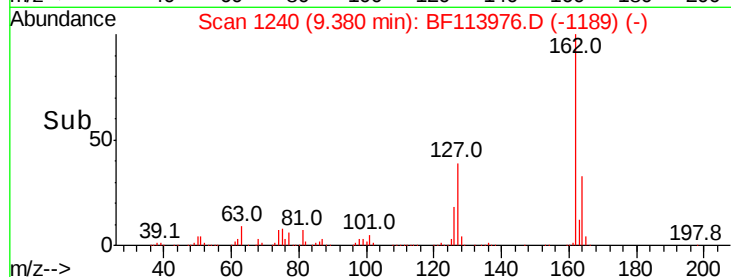
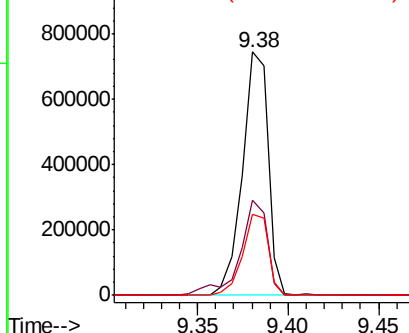
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	29.3	43.9
164	33.4	27.1	40.7

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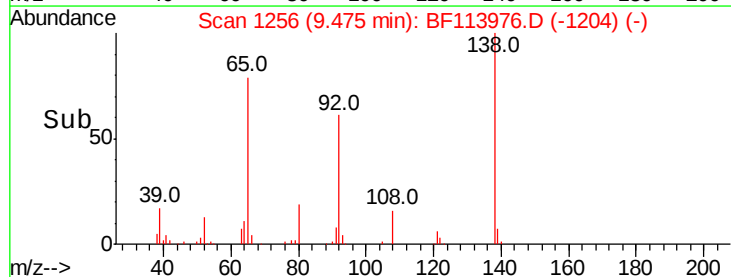
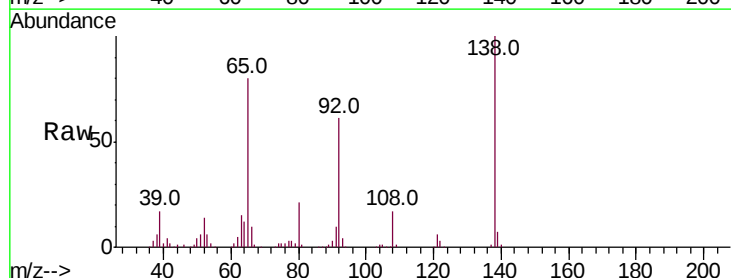
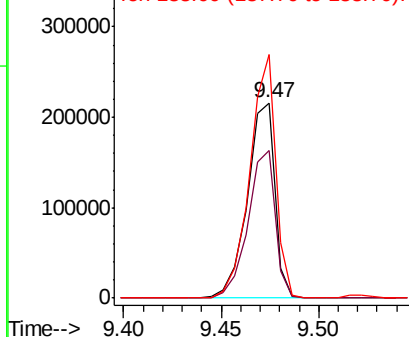
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

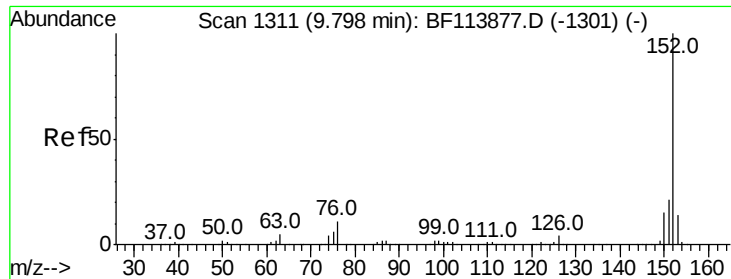


#48
2-Nitroaniline
Concen: 45.108 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.5	57.4	86.0
138	124.6	85.4	128.0

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.499 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

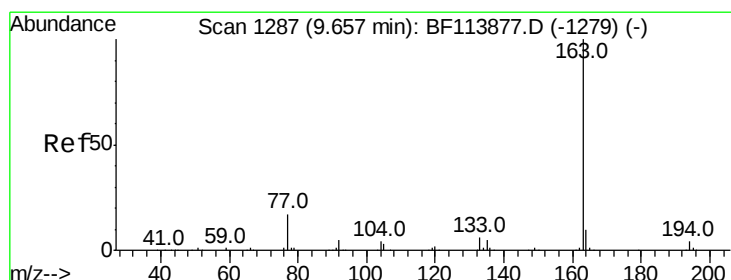
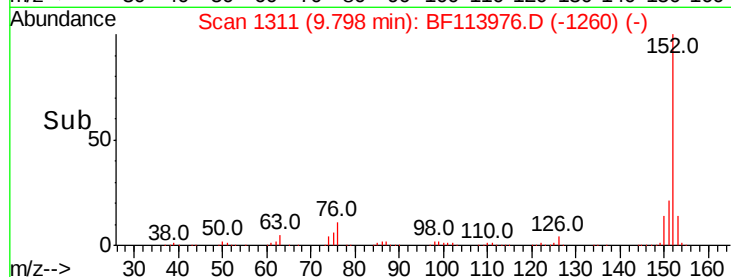
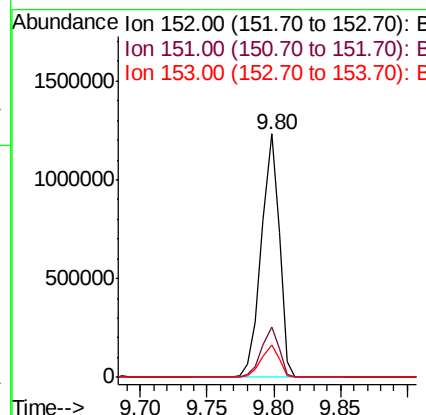
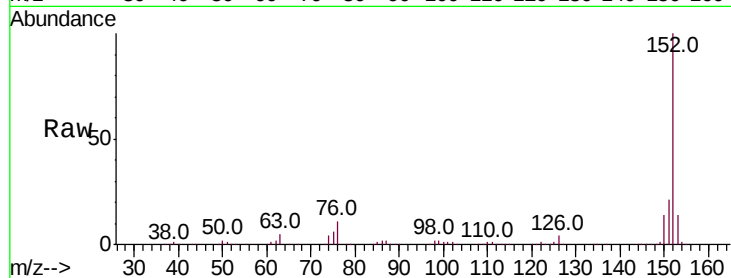
ClientSampleId :

PB119163BS

Tot Ion:	152	Resp:	1131324
Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.4
153	13.5	11.0	16.6

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#50

Dimethylphthalate

Concen: 42.104 ng

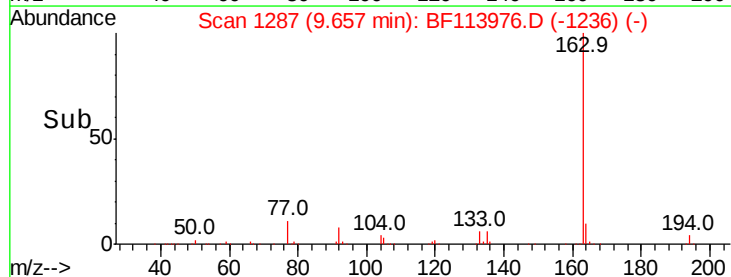
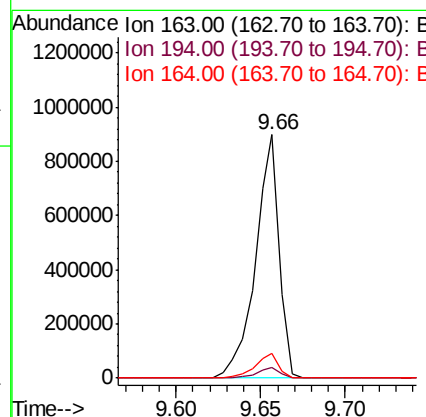
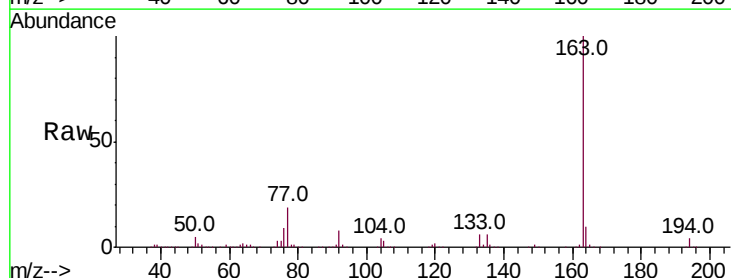
RT: 9.66 min Scan# 1287

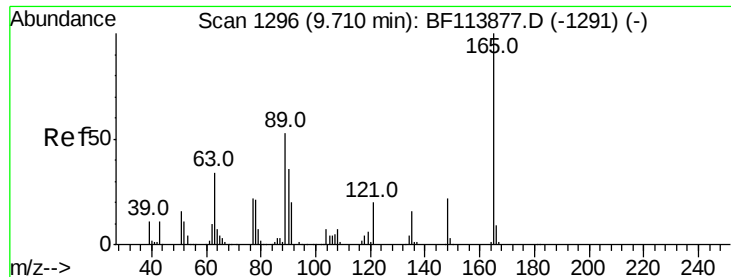
Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:	163	Resp:	874626
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 45.111 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

PB119163BS

Tot Ion:165 Resp: 201042

Ion Ratio Lower Upper

165 100

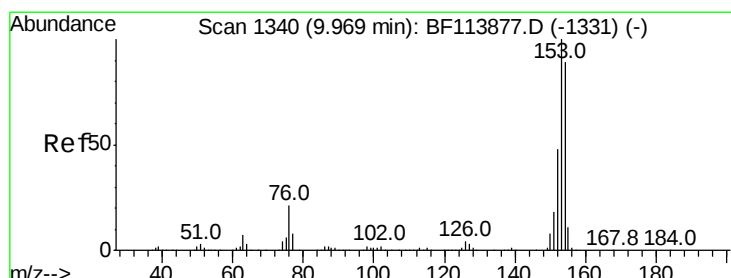
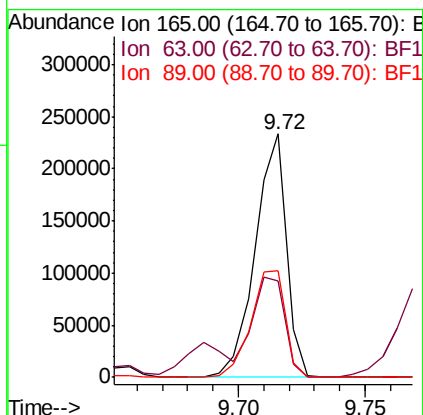
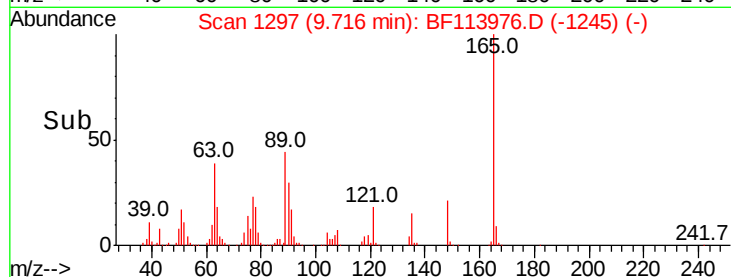
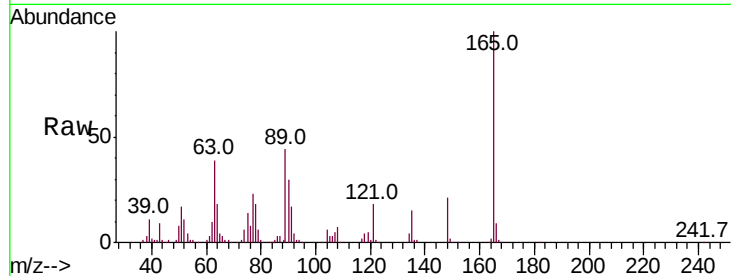
63 39.4 33.8 50.8

89 43.8 38.2 57.2

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#52

Acenaphthene

Concen: 45.369 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

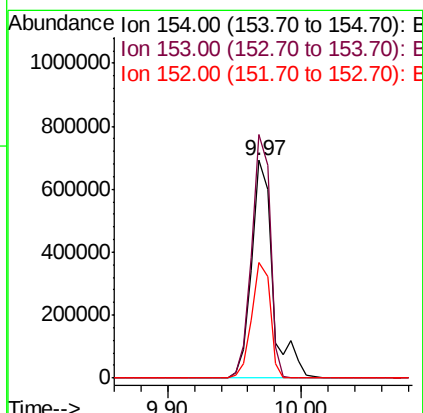
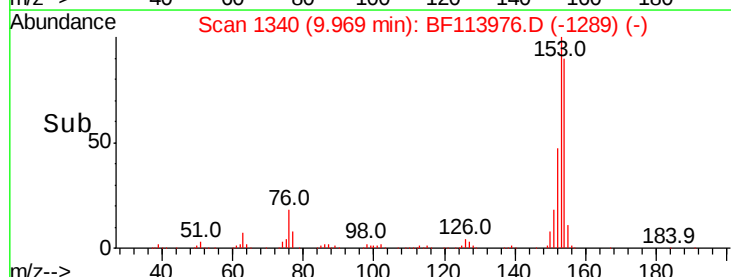
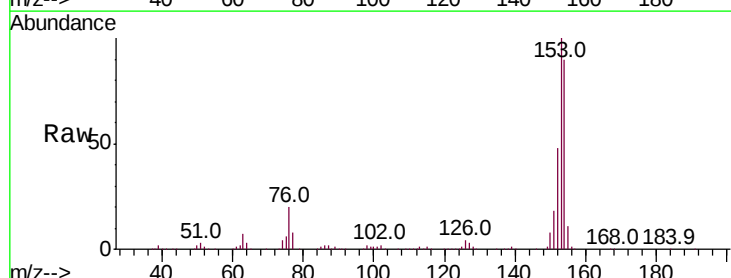
Tgt Ion:154 Resp: 748997

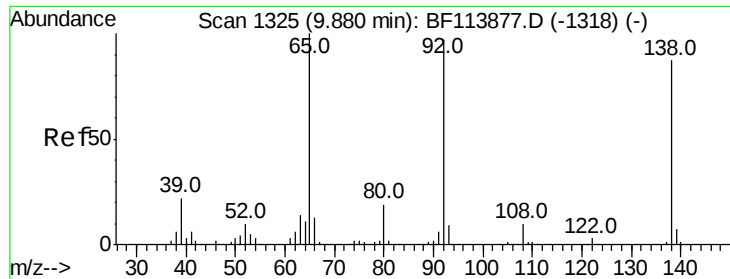
Ion Ratio Lower Upper

154 100

153 111.7 87.2 130.8

152 53.2 42.3 63.5





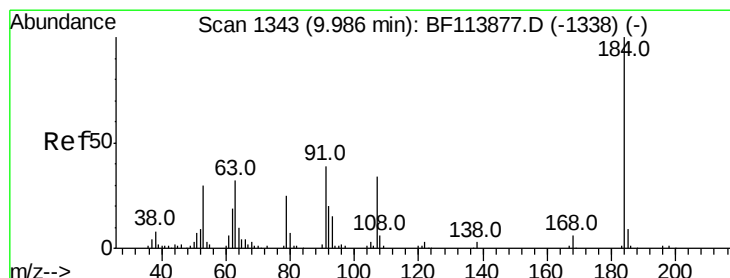
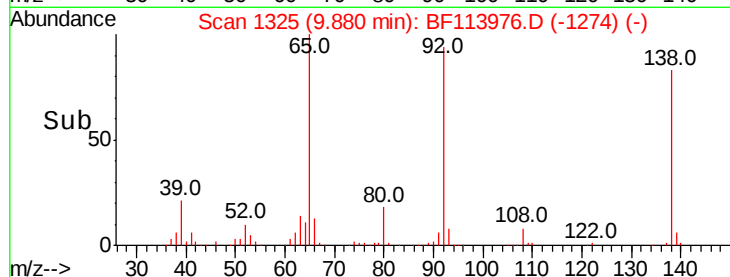
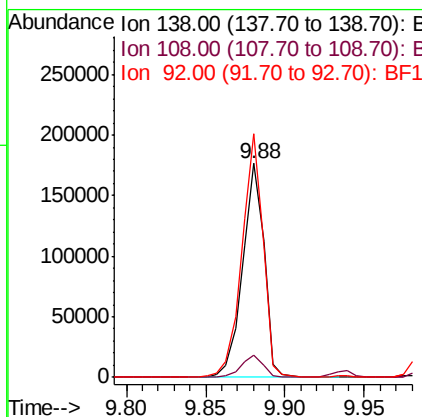
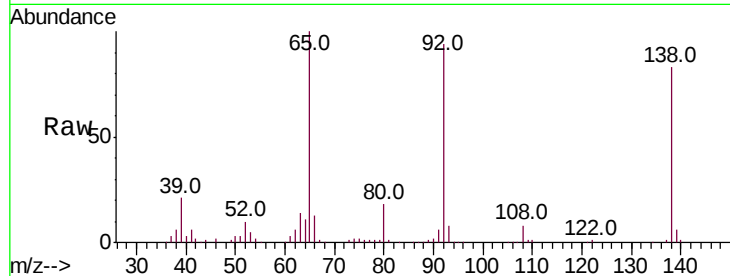
#53
 3-Nitroaniline
 Concen: 35.250 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB119163BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.2
92	113.8	94.1	141.1

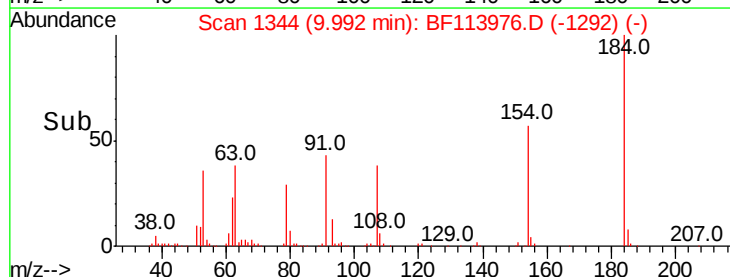
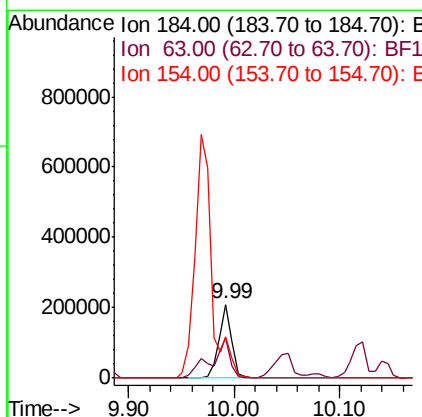
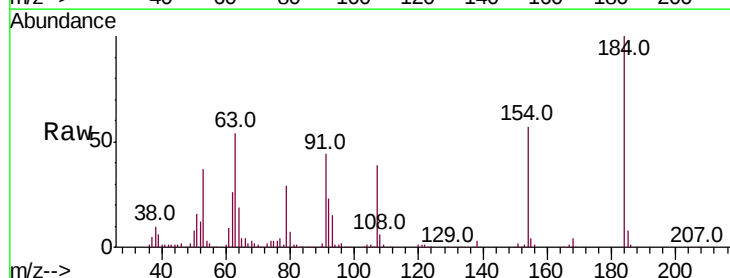
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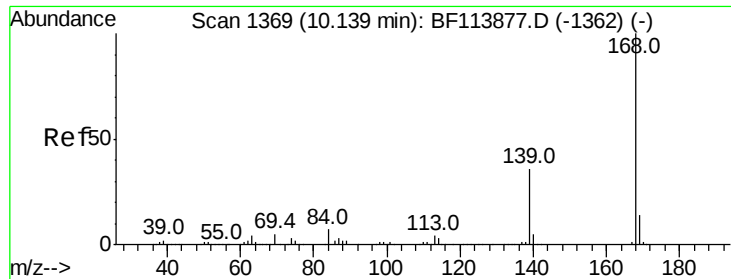
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#54
 2,4-Dinitrophenol
 Concen: 93.566 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.8	54.6	81.8#
154	57.0	218.6	328.0#





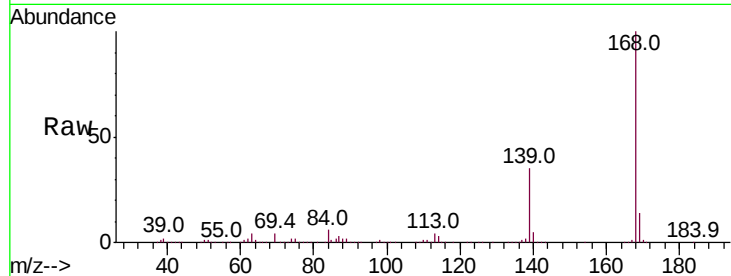
#55
Dibenzofuran
Concen: 41.767 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

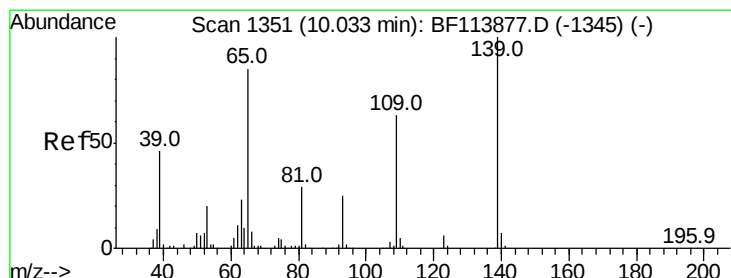
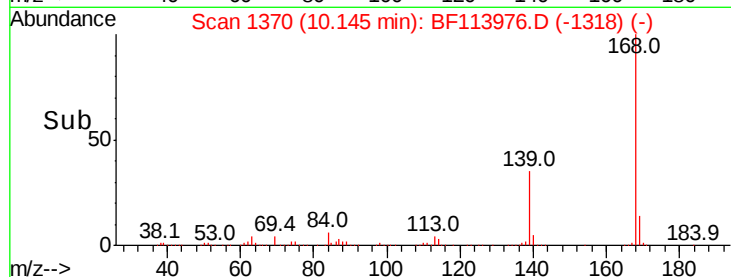
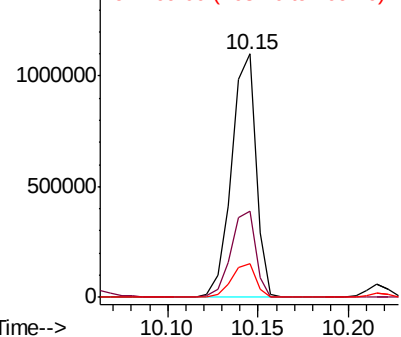
Tot Ion:168 Resp: 1032869
Ion Ratio Lower Upper
168 100
139 35.5 27.8 41.6
169 13.6 11.0 16.6

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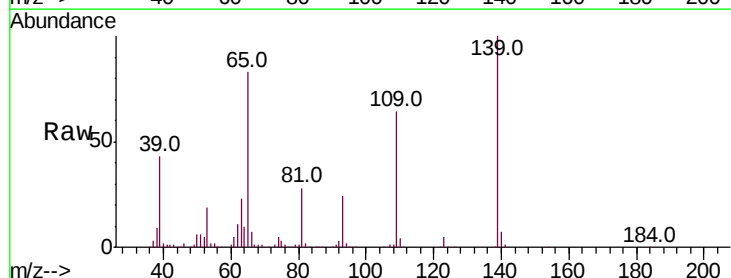


Abundance Ion 168.00 (167.70 to 168.70): E
1500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

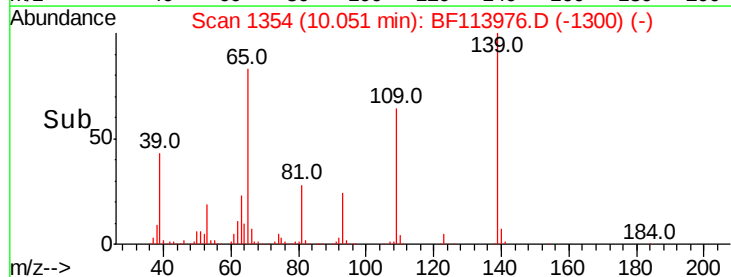
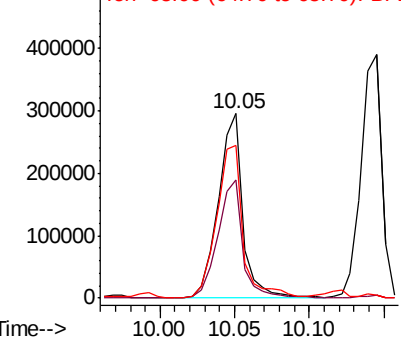


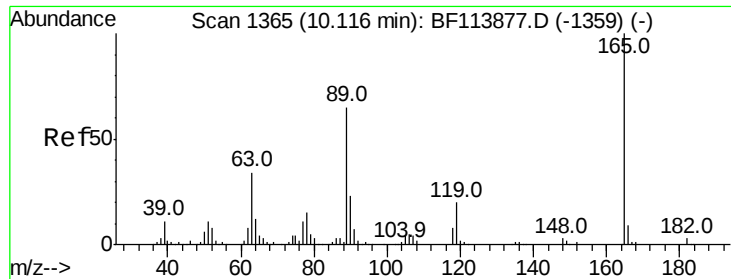
#56
4-Nitrophenol
Concen: 92.099 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion:139 Resp: 341498
Ion Ratio Lower Upper
139 100
109 64.2 42.9 82.9
65 82.7 64.4 104.4



Abundance Ion 139.00 (138.70 to 139.70): E
500000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





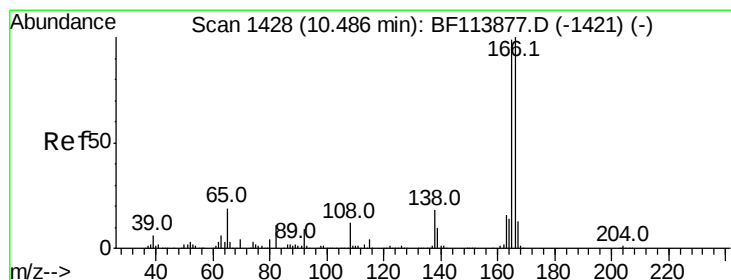
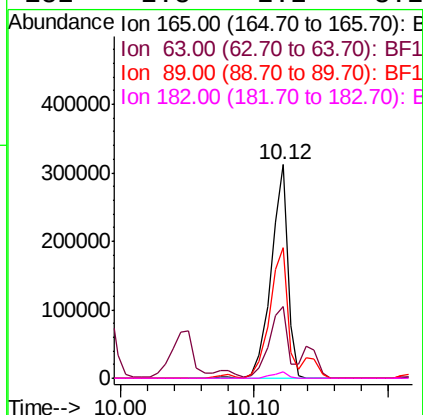
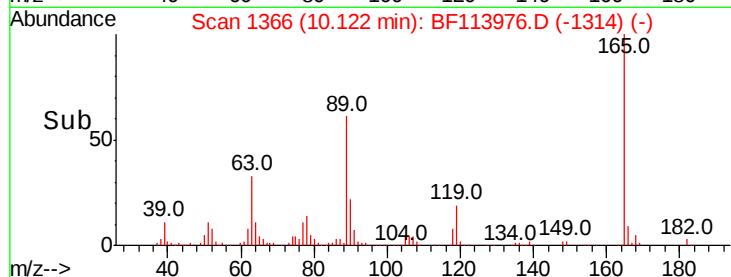
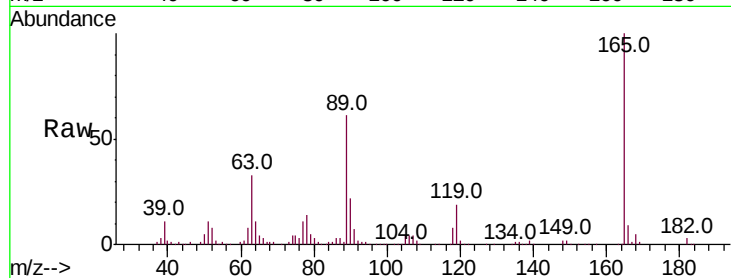
#57
2,4-Dinitrotoluene
Concen: 48.356 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.4	27.4	41.0
89	61.3	51.8	77.6
182	2.8	2.2	3.2

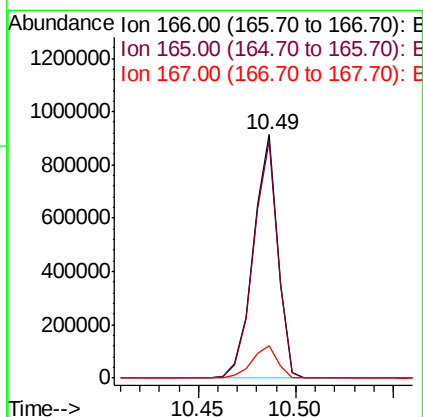
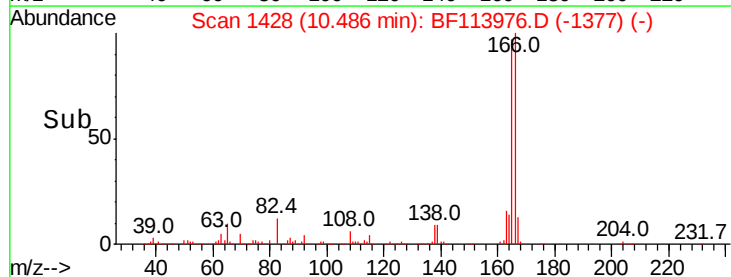
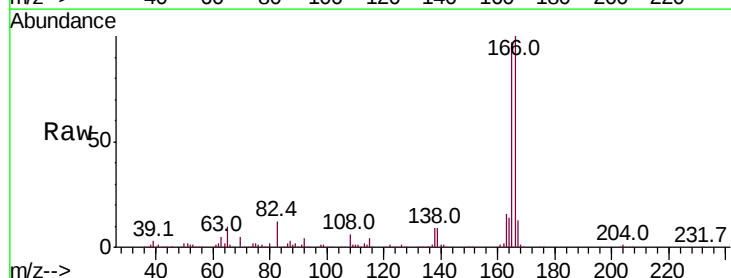
Manual Integrations
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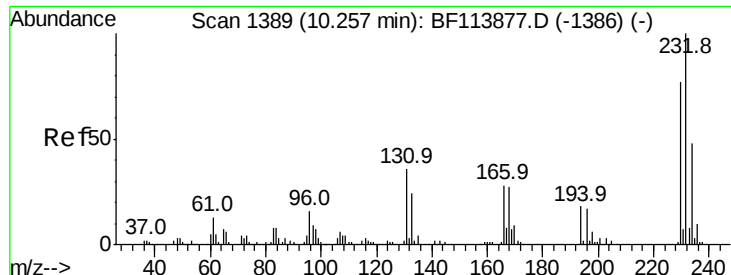
Sohil
4/29/2019 5:49:43 AM



#58
Fluorene
Concen: 42.158 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.4	117.6
167	13.3	10.9	16.3





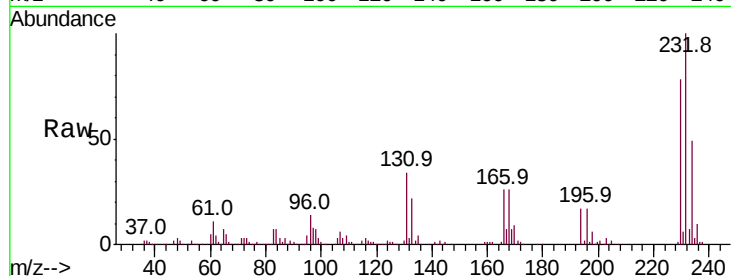
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.274 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Instrument :
 BNA_F
 ClientSampled :
 PB119163BS

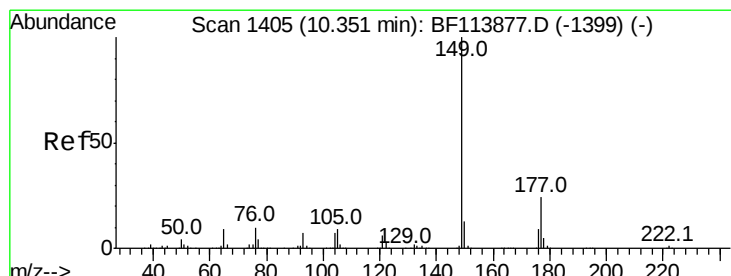
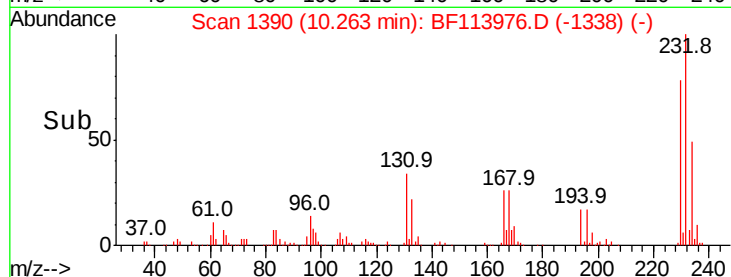
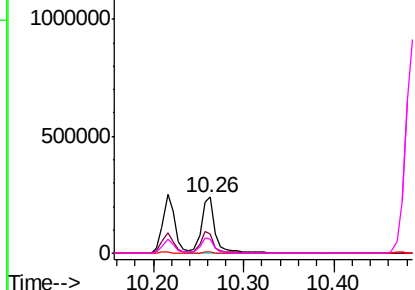
Tot Ion	Ratio	Resp	Lower	Upper
232	100	258552		
131	38.5	30.2	45.2	
130	1.8	1.5	2.3	
166	27.1	22.2	33.4	

Manual Integrations
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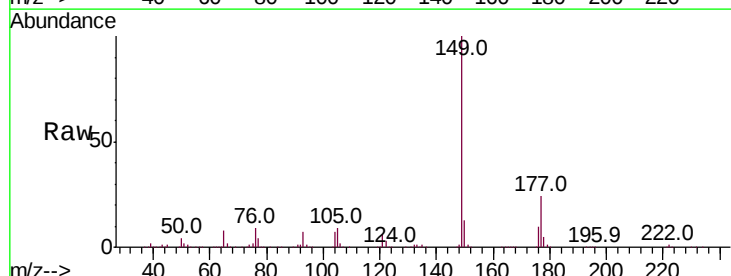


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

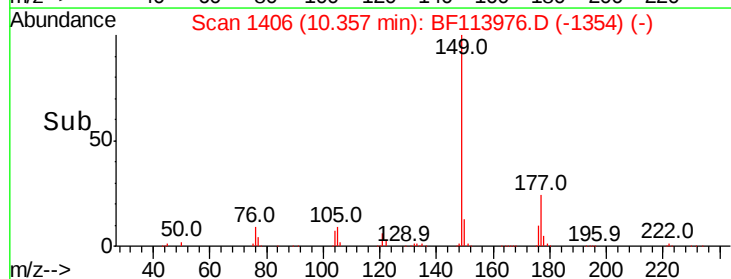
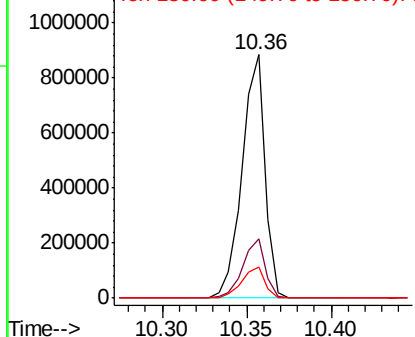


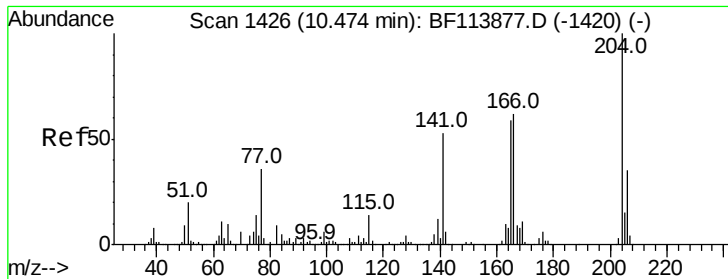
#60
 Diethylphthalate
 Concen: 42.407 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	836535		
177	24.2	19.2	28.8	
150	12.8	10.3	15.5	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





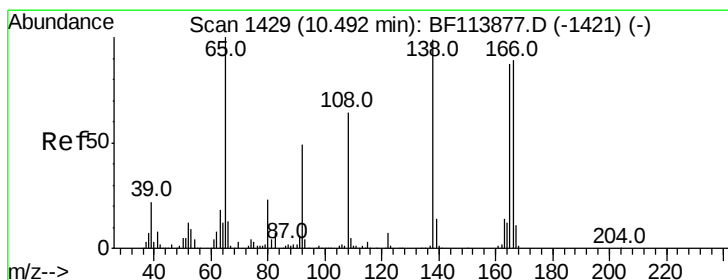
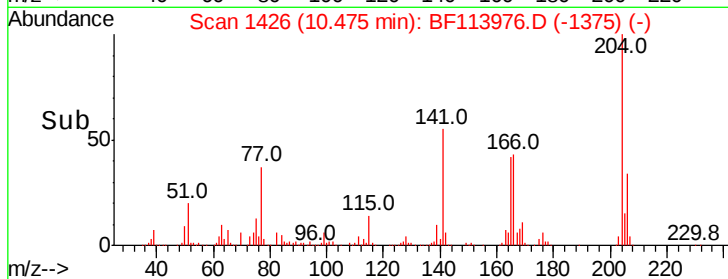
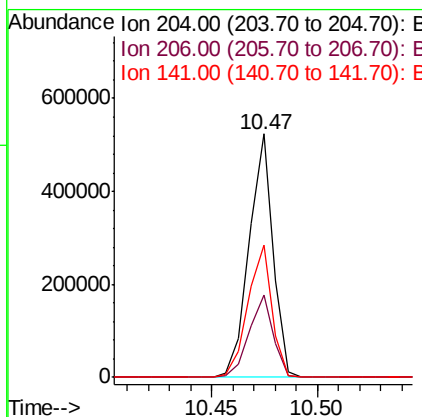
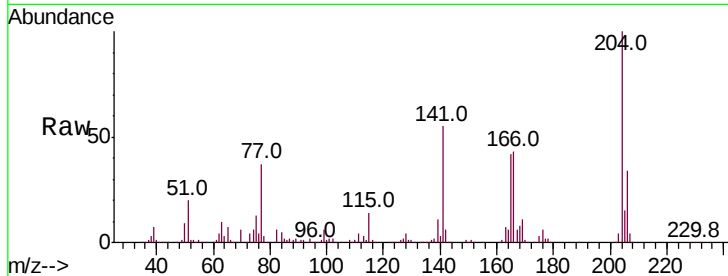
#61
 4-Chlorophenyl-phenylether
 Concen: 41.700 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB119163BS

Tot Ion:	204	Resp:	411164
Ion Ratio	Lower	Upper	
204	100		
206	34.1	27.4	41.2
141	54.6	42.6	63.8

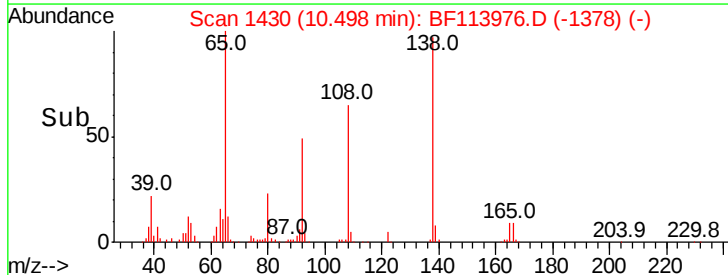
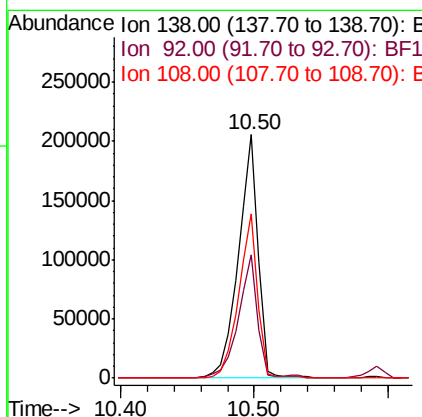
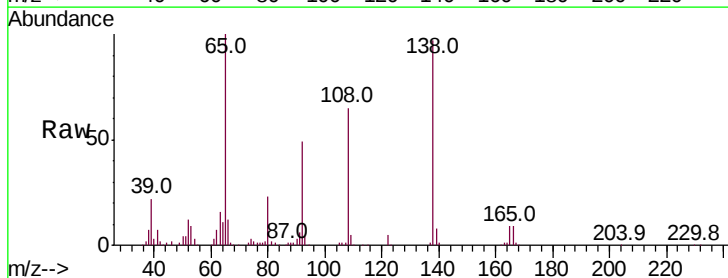
Manual Integrations
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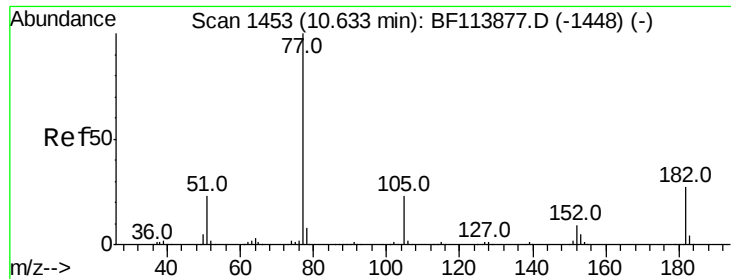
Sohil
 4/29/2019 5:49:43 AM



#62
 4-Nitroaniline
 Concen: 46.332 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion:	138	Resp:	211739
Ion Ratio	Lower	Upper	
138	100		
92	50.6	31.3	71.3
108	67.3	48.9	88.9





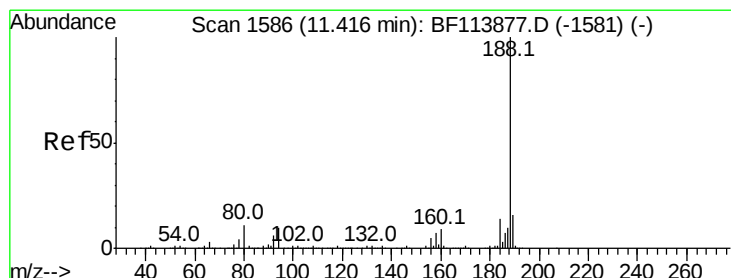
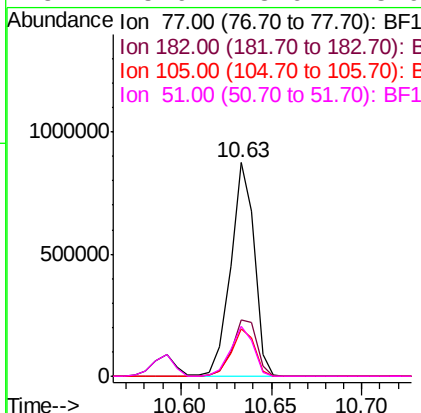
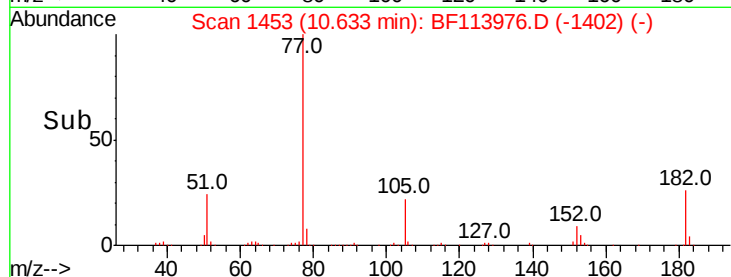
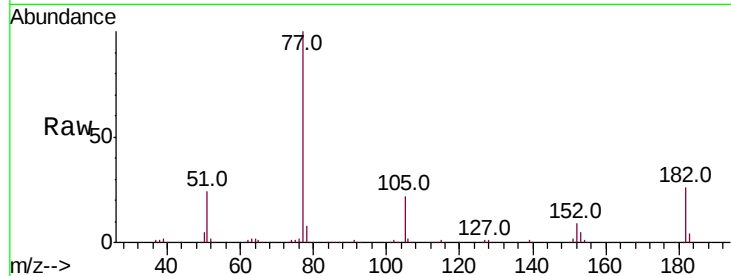
#63
Azobenzene
Concen: 41.258 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	788791		
182	26.2	4.4	44.4	
105	22.1	2.2	42.2	
51	23.6	3.9	43.9	

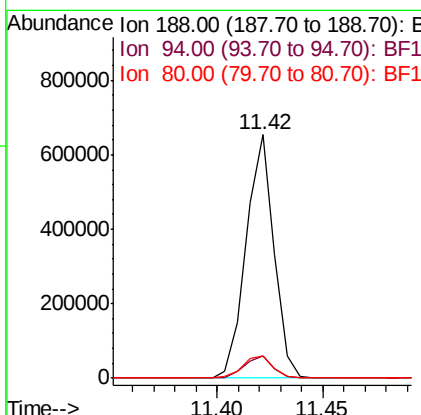
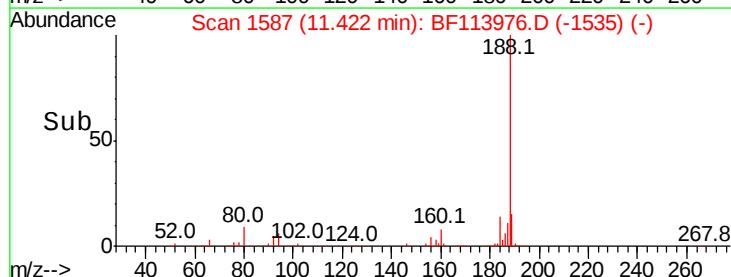
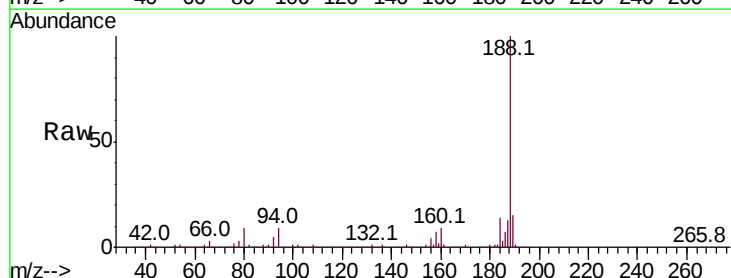
Manual Integrations
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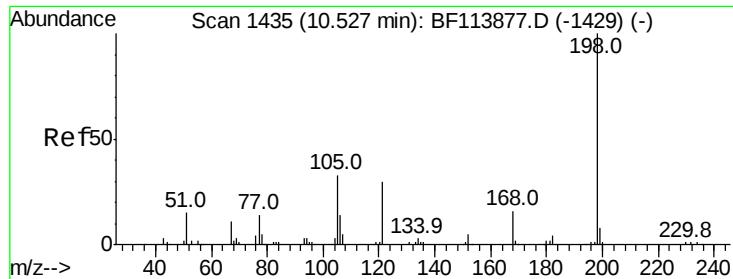
Sohil
4/29/2019 5:49:43 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	597167		
94	8.9	8.2	12.4	
80	9.4	9.0	13.6	





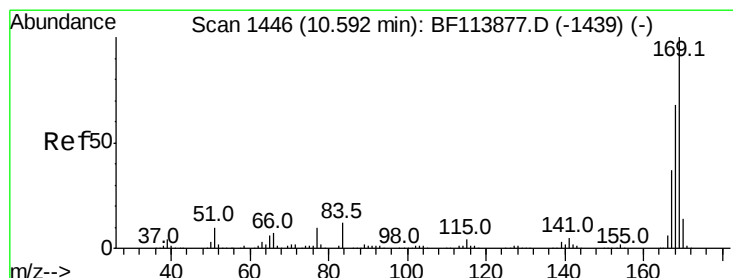
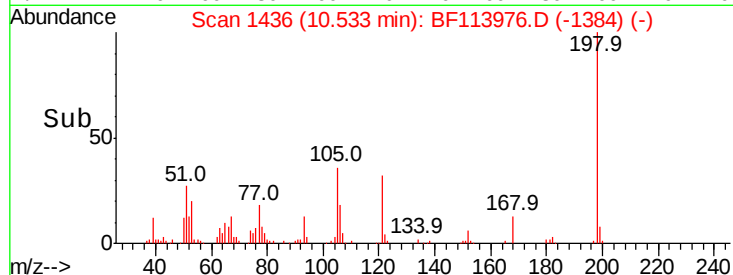
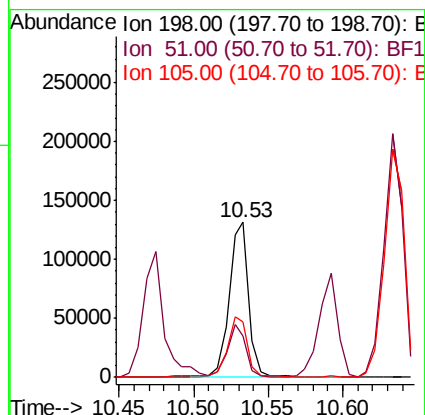
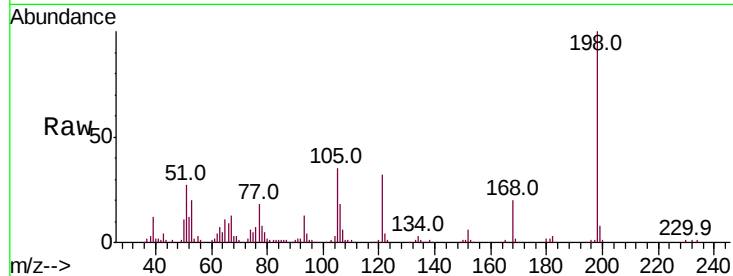
#65
4,6-Dinitro-2-methylphenol
Concen: 45.203 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampled :
PB119163BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	122350		
51	26.7	11.1	51.1	
105	35.5	20.7	60.7	

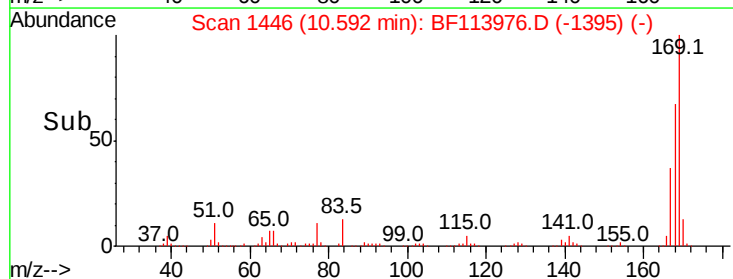
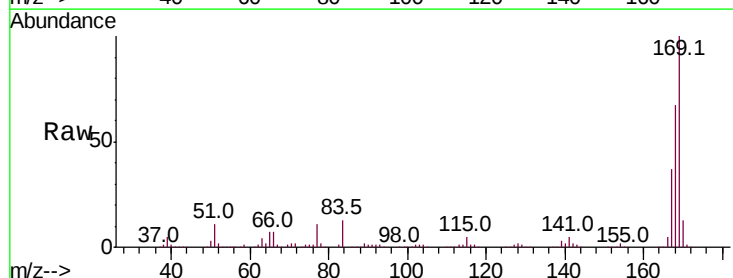
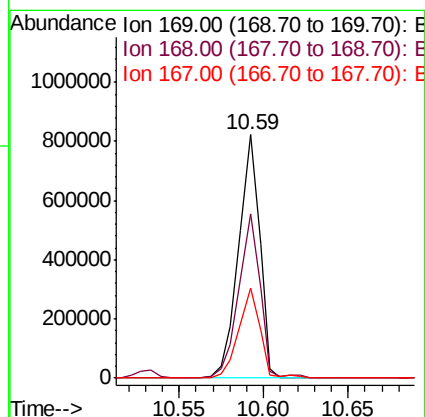
Manual Integrations
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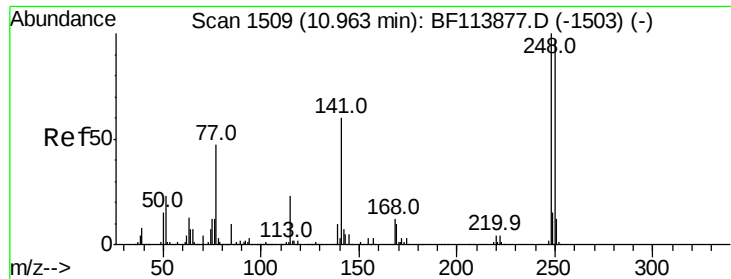
Sohil
4/29/2019 5:49:43 AM



#66
n-Nitrosodiphenylamine
Concen: 40.167 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	719722		
168	67.5	54.3	81.5	
167	36.9	29.4	44.0	





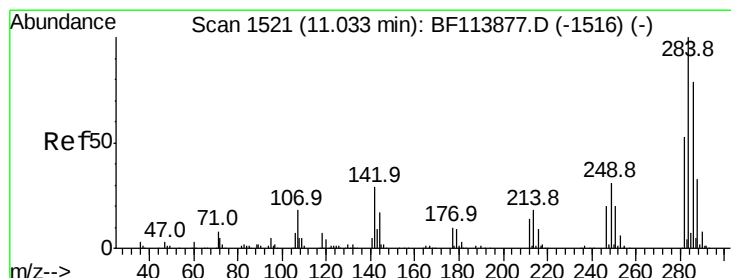
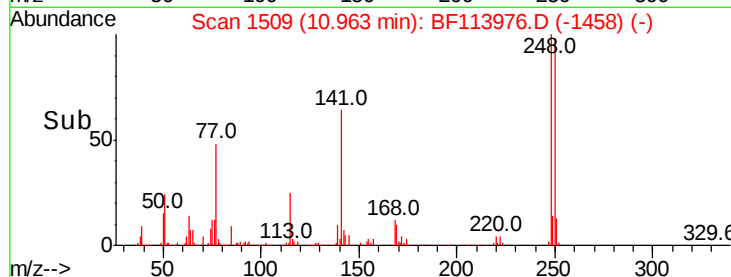
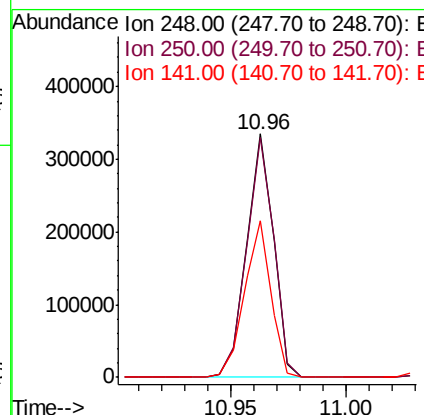
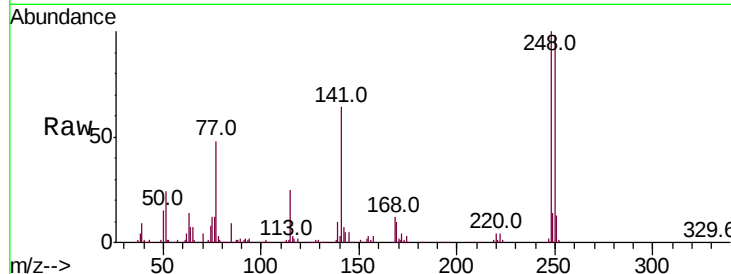
#67
4-Bromophenyl-phenylether
Concen: 38.051 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampled :
PB119163BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	75.8	113.6
141	64.1	50.2	75.4

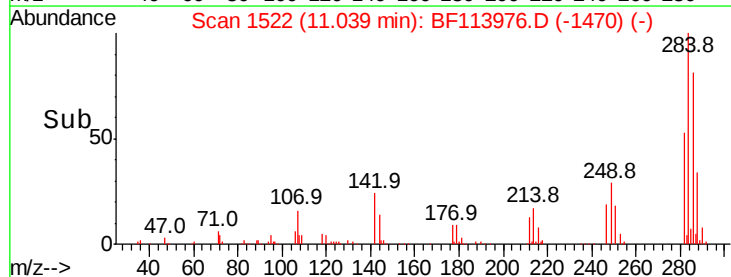
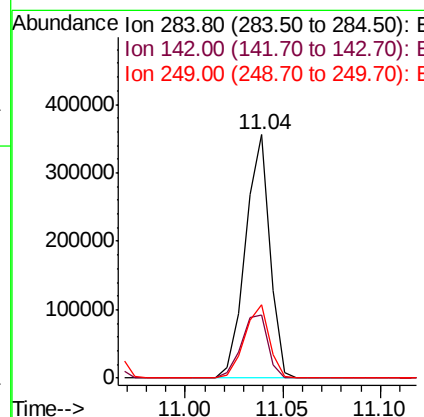
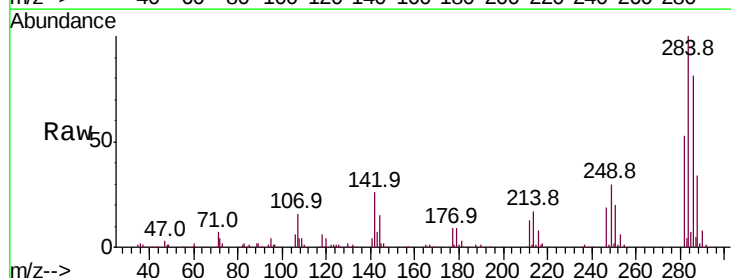
Manual Integrations
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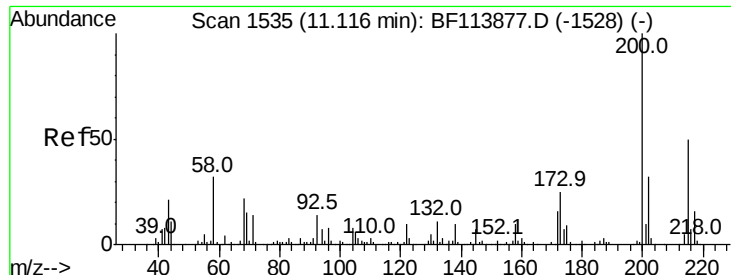
Sohil
4/29/2019 5:49:43 AM



#68
Hexachlorobenzene
Concen: 38.846 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.8	23.0	34.4
249	30.3	24.4	36.6





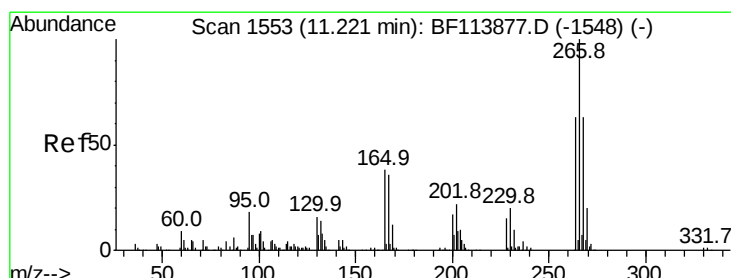
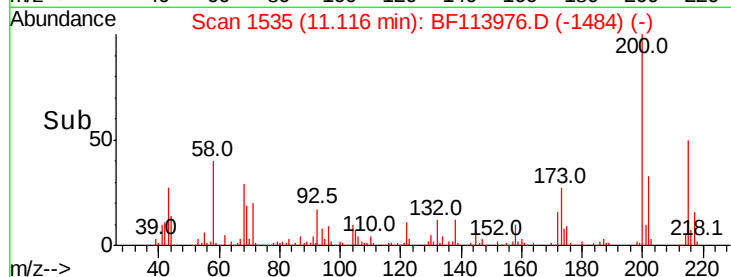
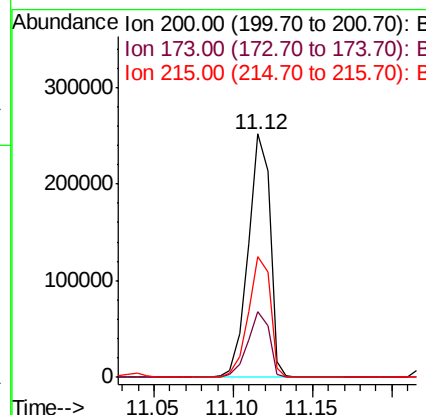
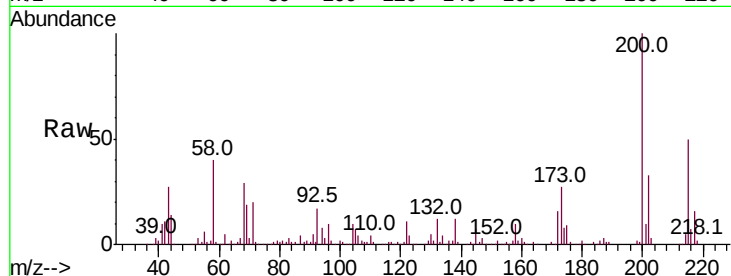
#69
Atrazine
Concen: 41.096 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.9	5.9	45.9
215	49.8	29.3	69.3

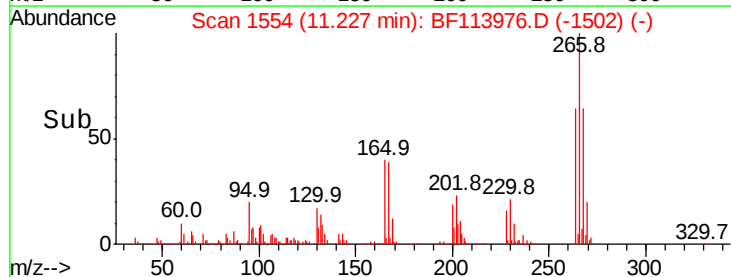
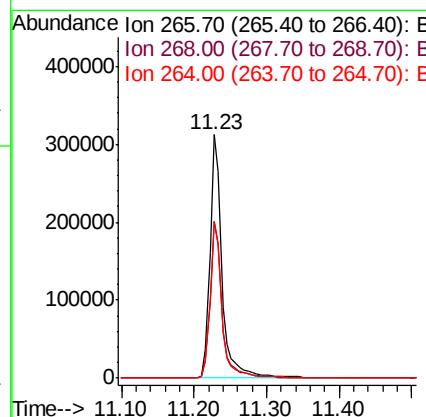
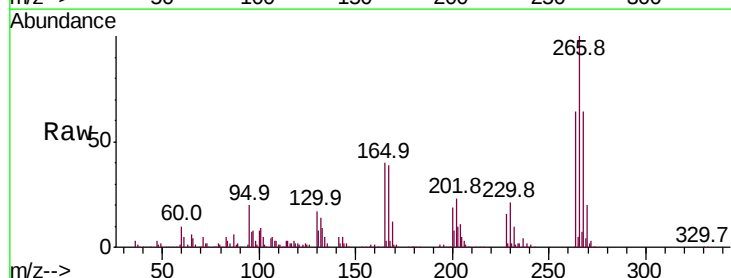
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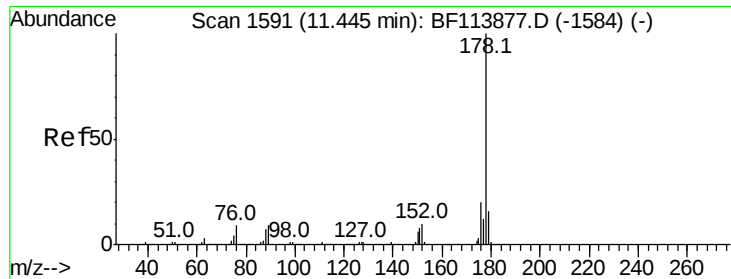
Sohil
4/29/2019 5:49:43 AM



#70
Pentachlorophenol
Concen: 81.434 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	53.5	80.3
264	64.3	51.0	76.6





#71

Phenanthrene

Concen: 41.051 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

PB119163BS

Tot Ion:178 Resp: 1231994

Ion Ratio Lower Upper

178 100

176 20.4 16.1 24.1

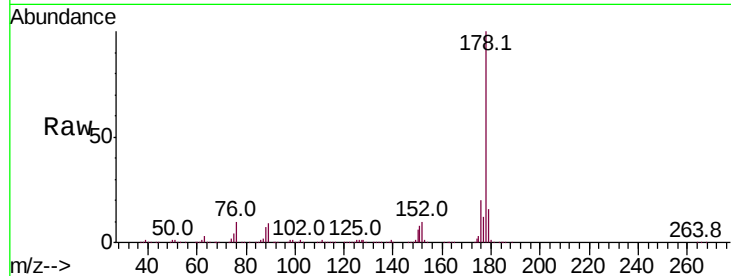
179 16.0 12.8 19.2

Manual Integrations

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Sohil

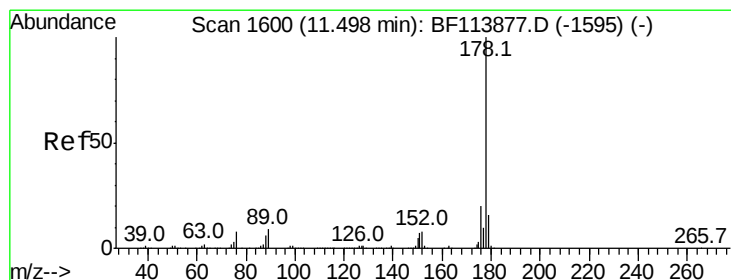
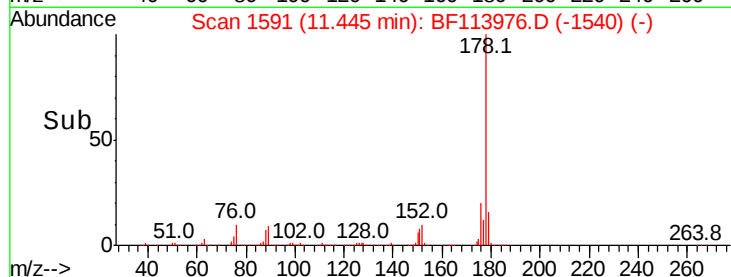
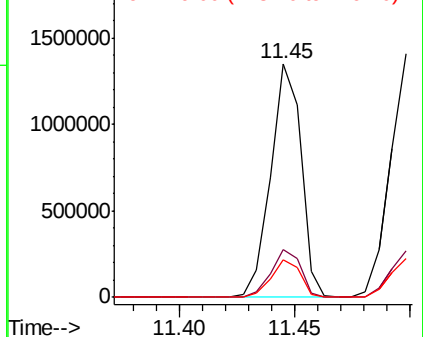
4/29/2019 5:49:43 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.376 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:178 Resp: 1284253

Ion Ratio Lower Upper

178 100

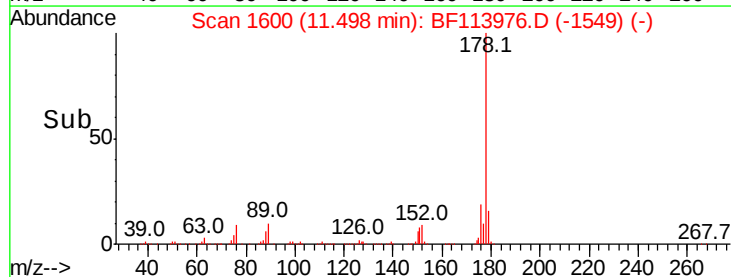
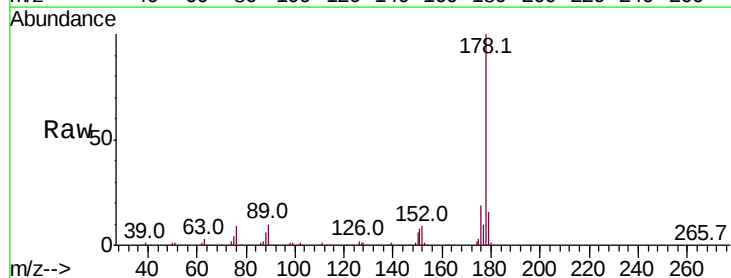
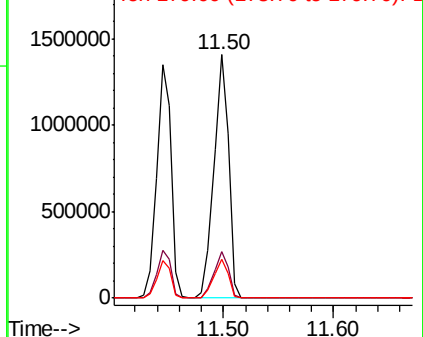
176 19.3 15.7 23.5

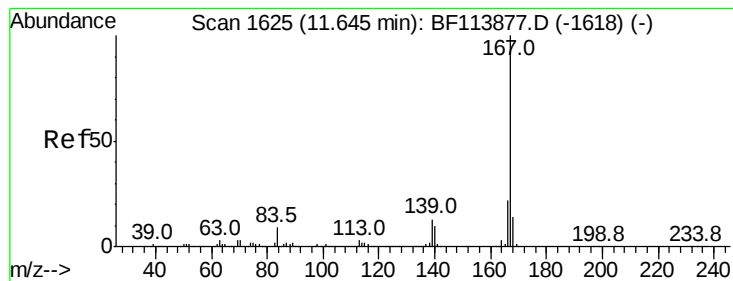
179 16.0 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.169 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

PB119163BS

Tot Ion:167 Resp: 1167178

Ion Ratio Lower Upper

167 100

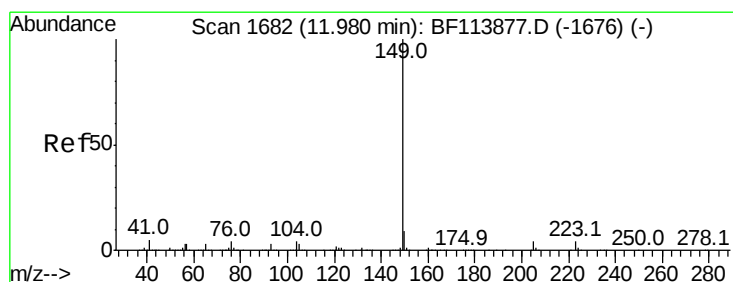
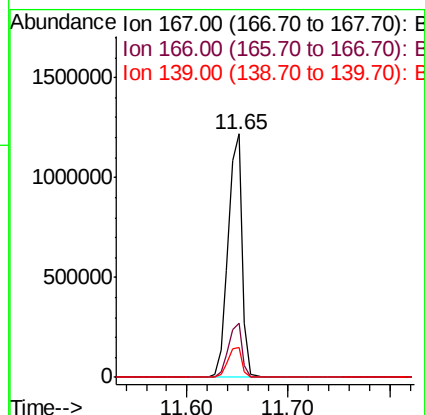
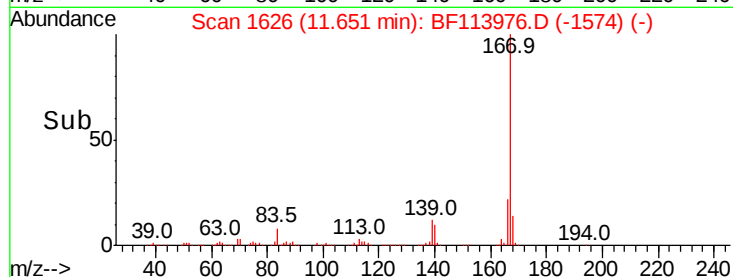
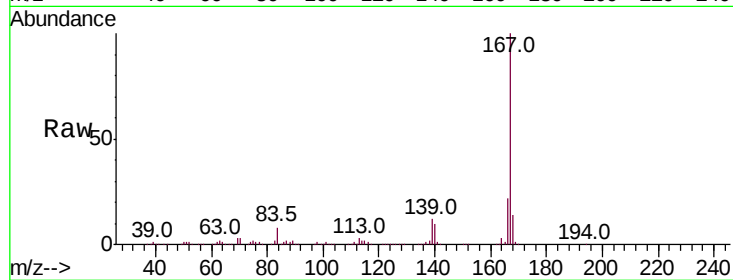
166 22.4 17.7 26.5

139 12.4 10.0 15.0

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#74

Di-n-butylphthalate

Concen: 42.988 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

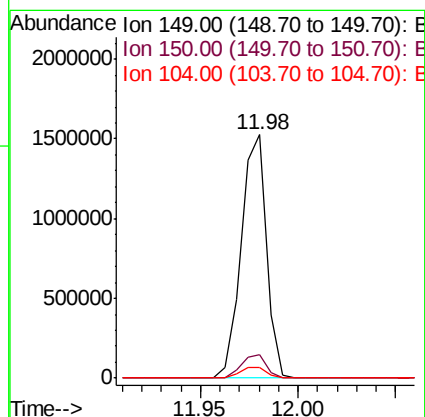
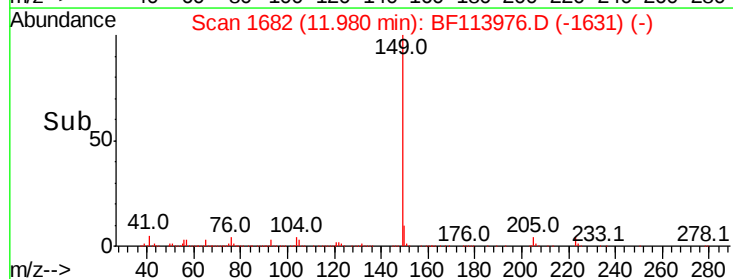
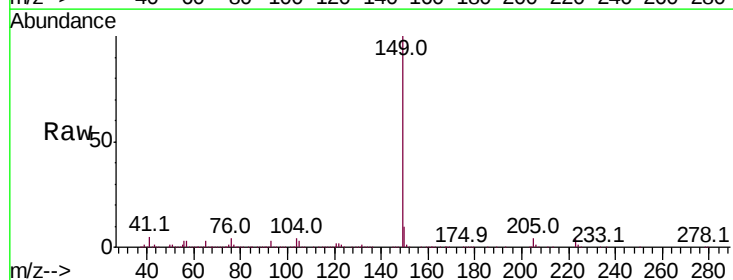
Tgt Ion:149 Resp: 1367234

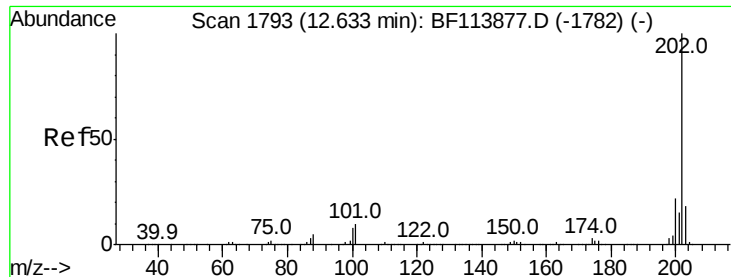
Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

104 4.4 3.8 5.8





#75

Fluoranthene

Concen: 42.467 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampleId :

PB119163BS

Tot Ion:202 Resp: 1390488

Ion Ratio Lower Upper

202 100

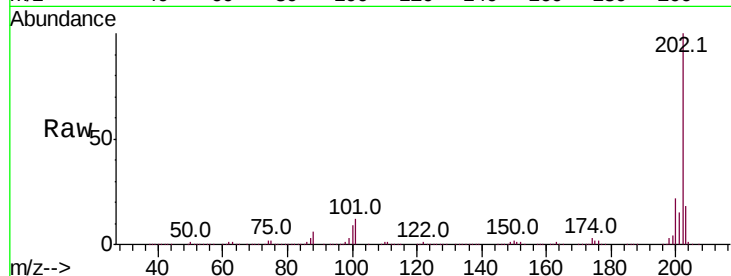
101 12.2 0.0 32.9

203 18.0 0.0 38.2

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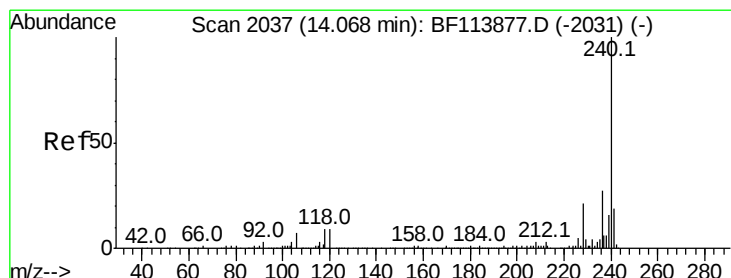
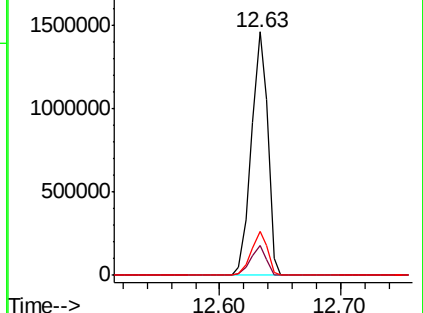
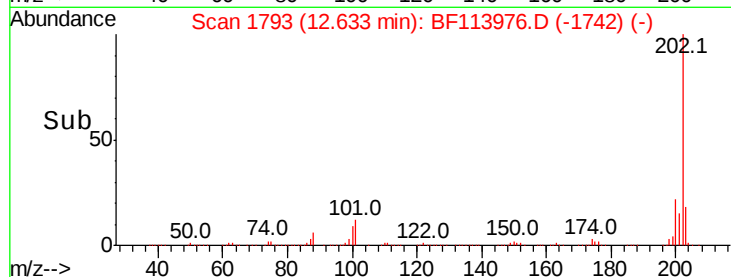
4/29/2019 5:49:43 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

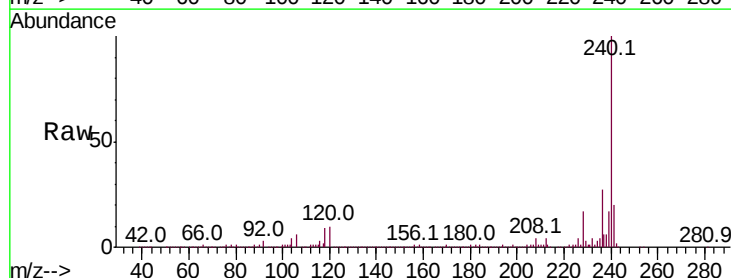
Tgt Ion:240 Resp: 576342

Ion Ratio Lower Upper

240 100

120 9.6 9.3 13.9

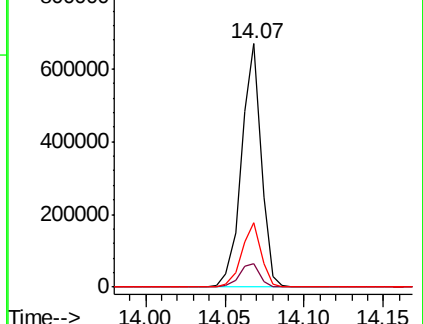
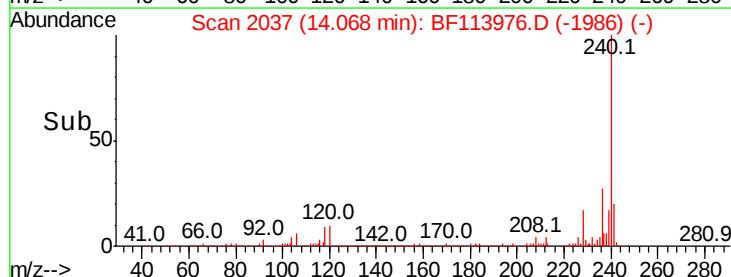
236 26.7 21.2 31.8

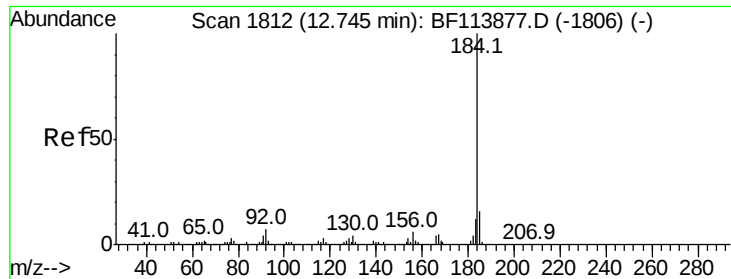


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.469 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

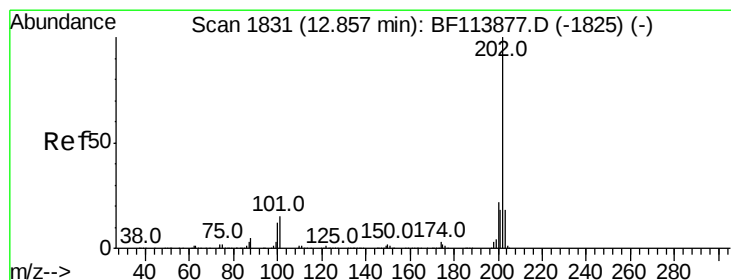
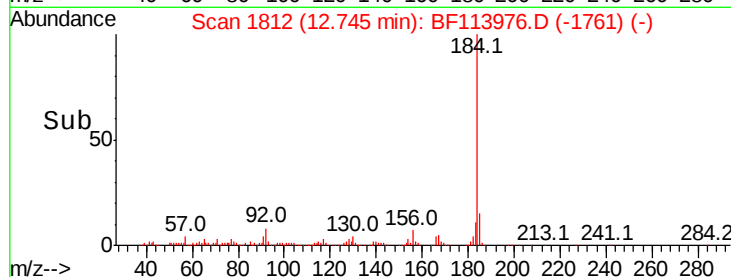
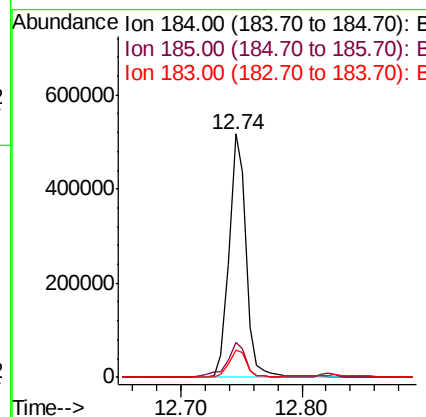
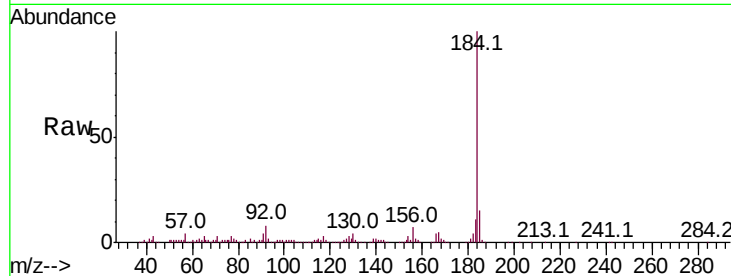
ClientSampleId :

PB119163BS

Tot Ion:	184	Resp:	506054
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.0	19.6
183	11.5	9.4	14.0

Manual Integrations
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#78

Pyrene

Concen: 33.898 ng

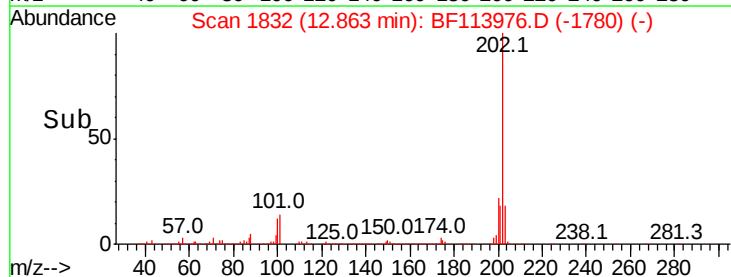
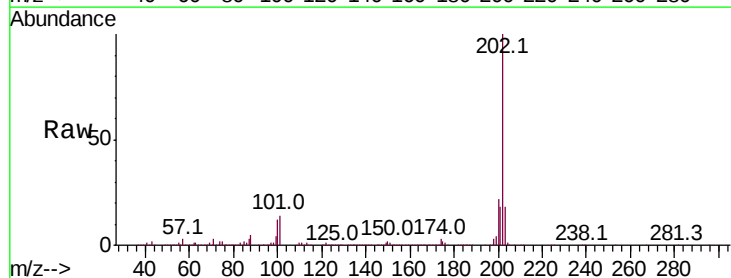
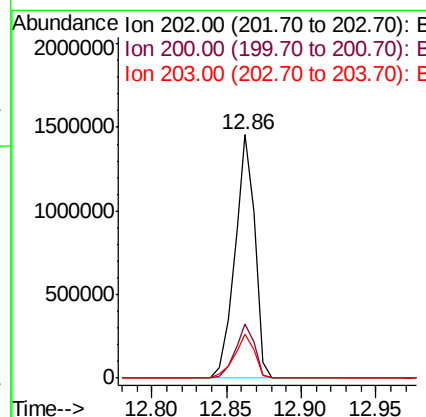
RT: 12.86 min Scan# 1832

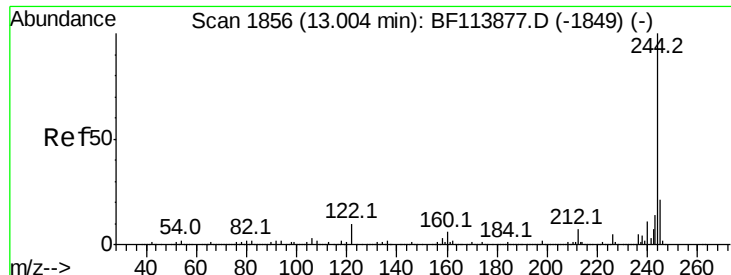
Delta R.T. 0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:	202	Resp:	1366224
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.7	26.5
203	18.0	15.0	22.6





#79

Terphenyl-d14

Concen: 75.445 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

ClientSampled :

PB119163BS

Tot Ion:244 Resp: 2120953

Ion Ratio Lower Upper

244 100

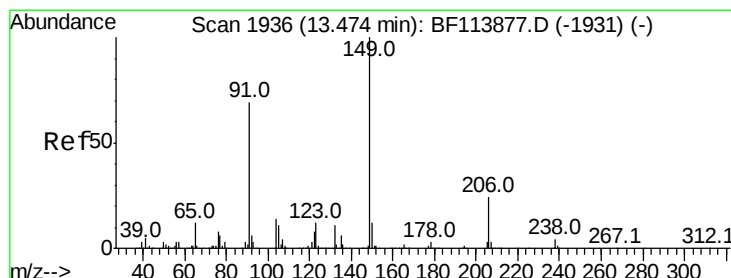
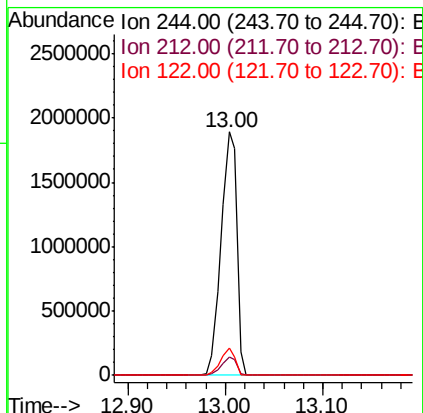
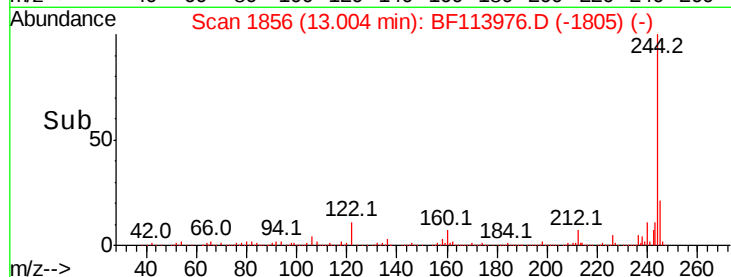
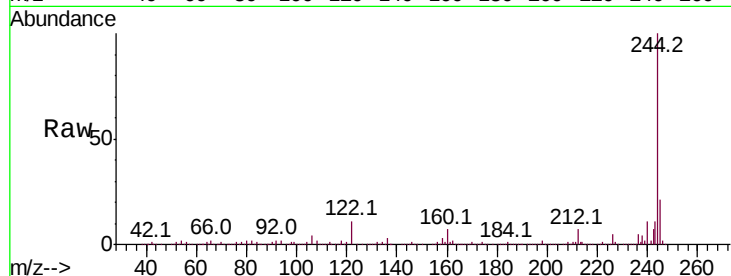
212 7.4 5.4 8.2

122 11.0 7.6 11.4

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 39.466 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

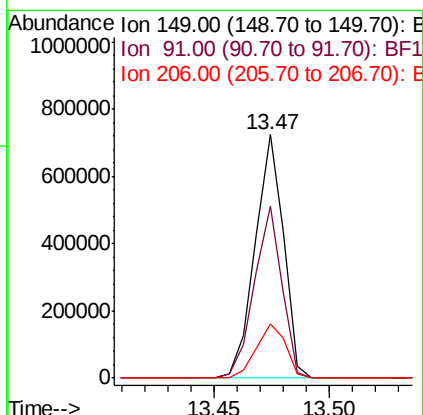
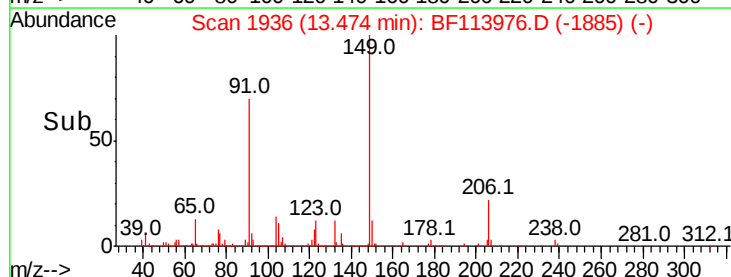
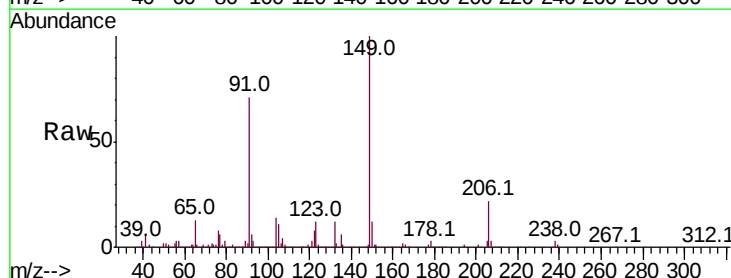
Tgt Ion:149 Resp: 625843

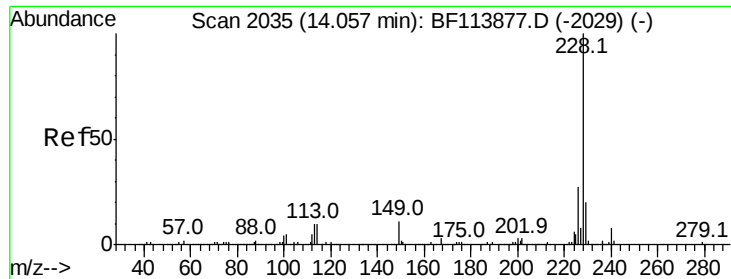
Ion Ratio Lower Upper

149 100

91 70.6 56.3 84.5

206 22.3 19.0 28.6





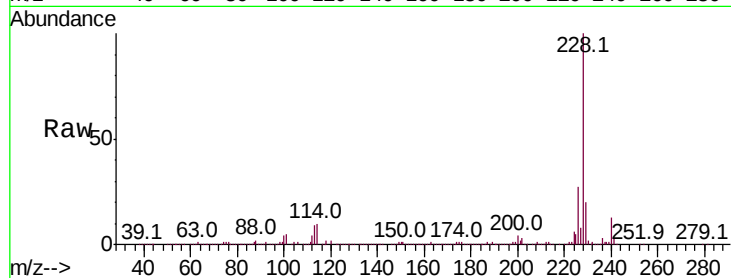
#81
Benzo(a)anthracene
Concen: 39.398 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.0	16.0	24.0

Manual Integrations
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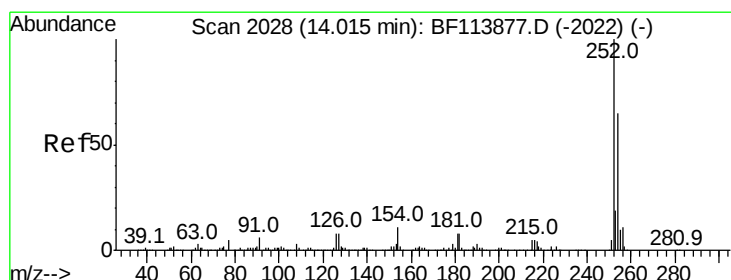
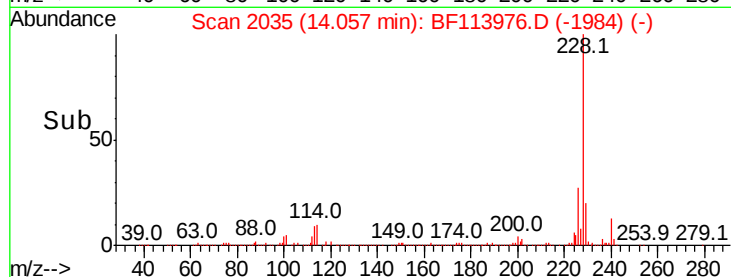
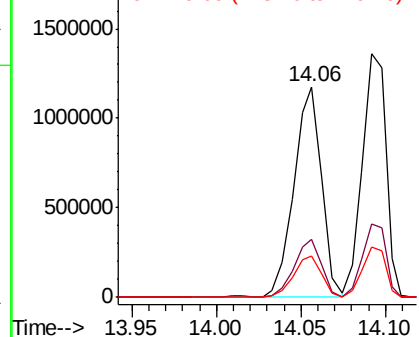


Abundance

Ion 228.00 (227.70 to 228.70): E

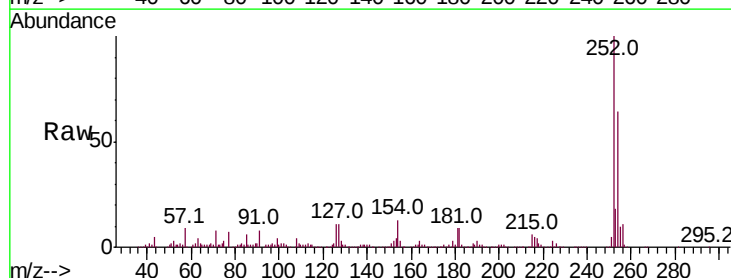
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 37.035 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.1	78.1
126	11.0	9.3	13.9

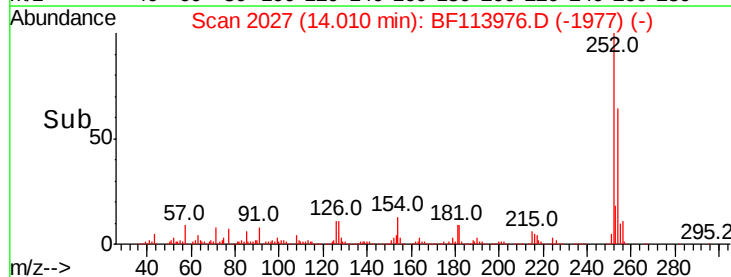
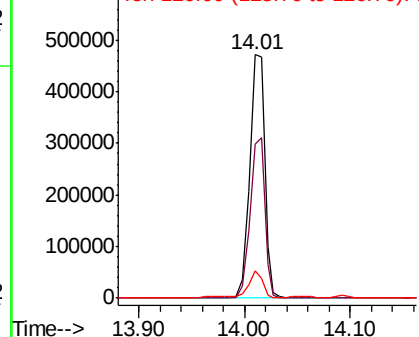


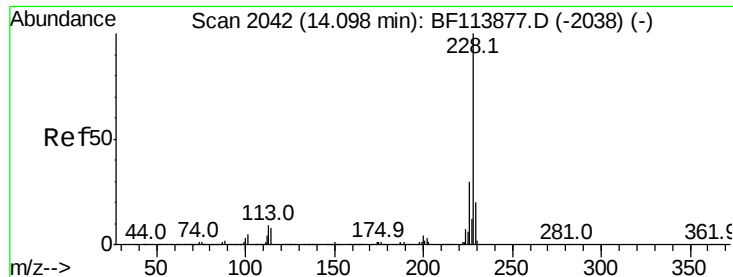
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





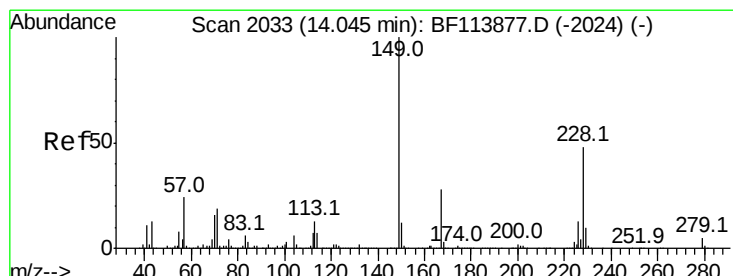
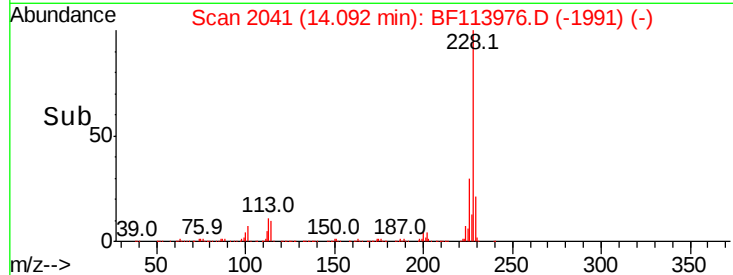
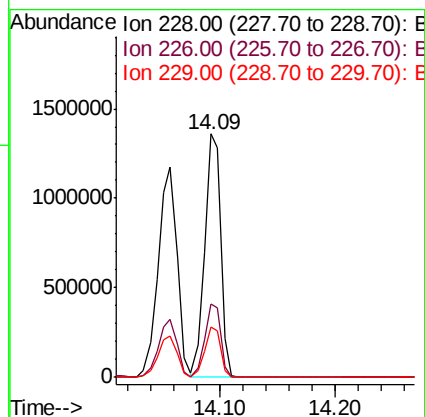
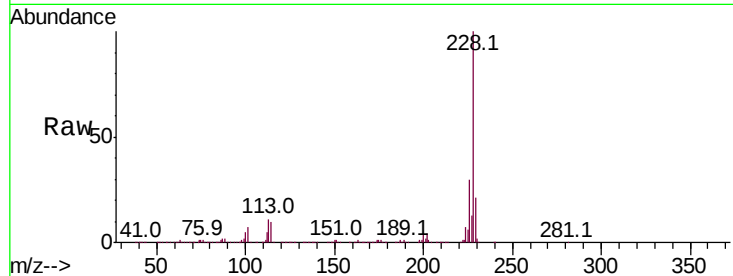
#83
 Chrvsene
 Concen: 40.071 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :
 PB119163BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.2	37.8
229	20.7	16.7	25.1

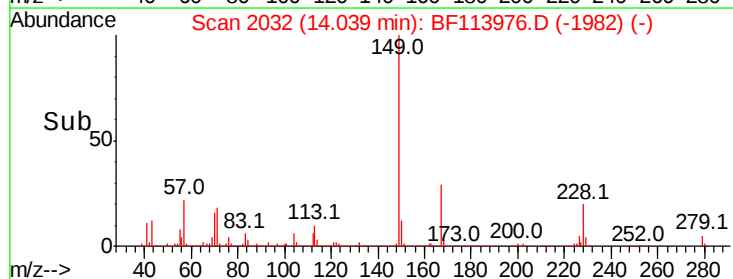
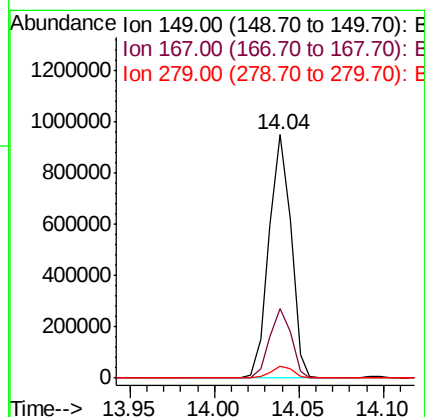
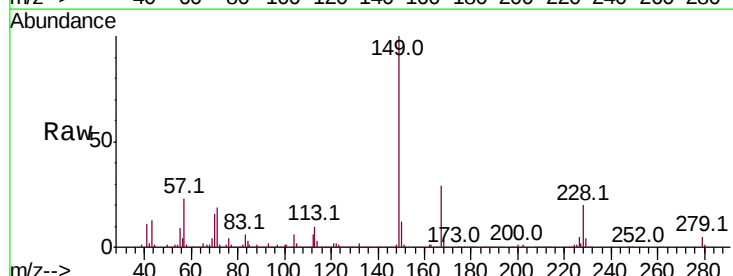
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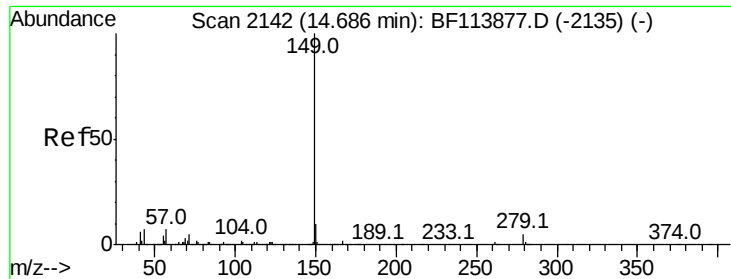
Sohil
 4/29/2019 5:49:43 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.610 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF113976.D
 Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.9	34.3
279	4.8	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 47.030 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

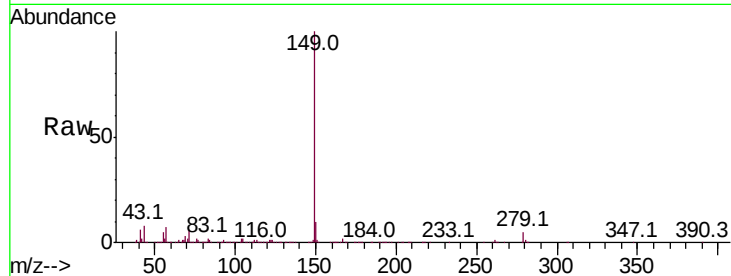
ClientSampleId :

PB119163BS

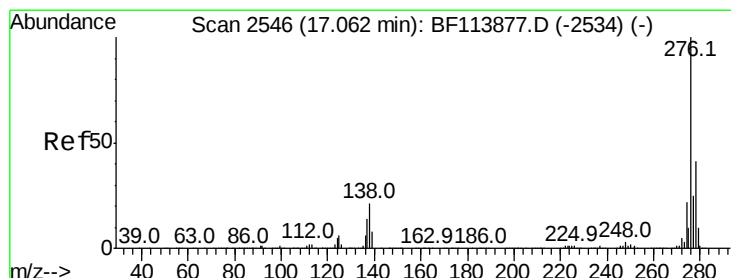
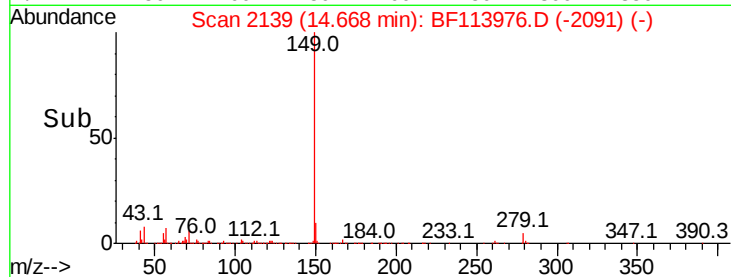
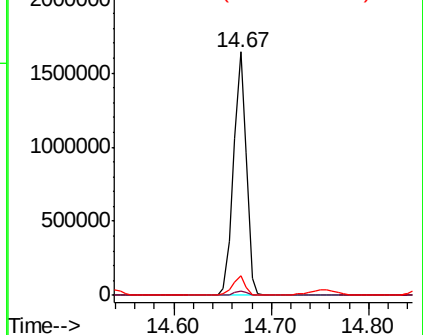
Tot Ion:	149	Resp:	1485213
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.6	6.6	10.0

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.406 ng

RT: 17.06 min Scan# 2546

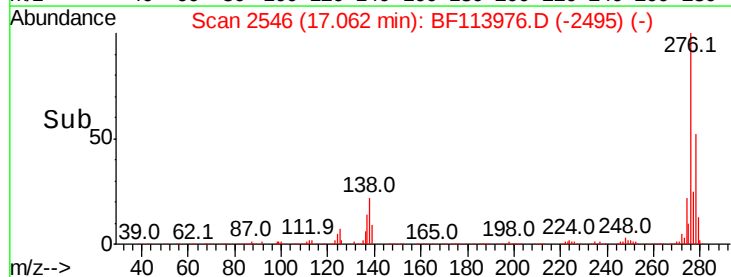
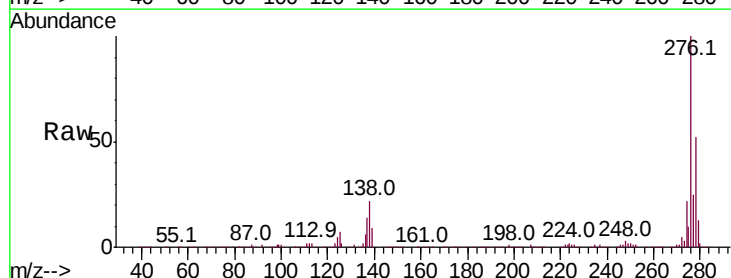
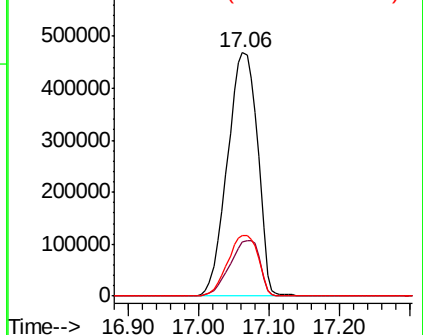
Delta R.T. 0.00 min

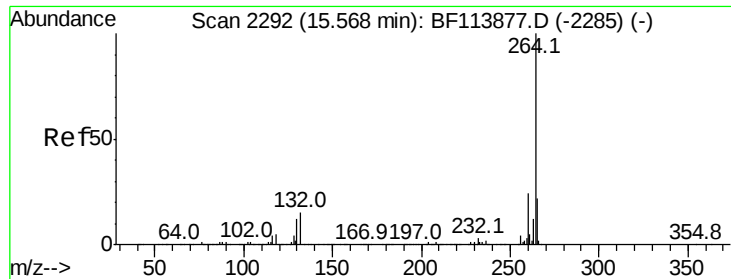
Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:	276	Resp:	1391036
Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.6	29.4
277	25.5	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

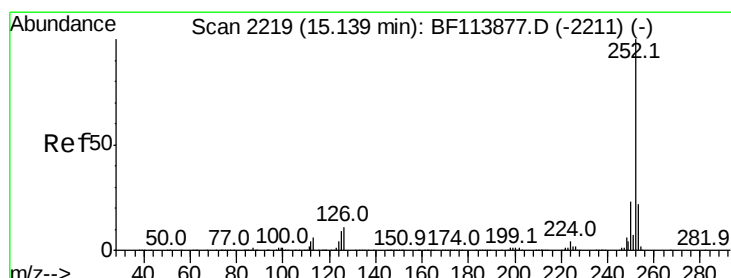
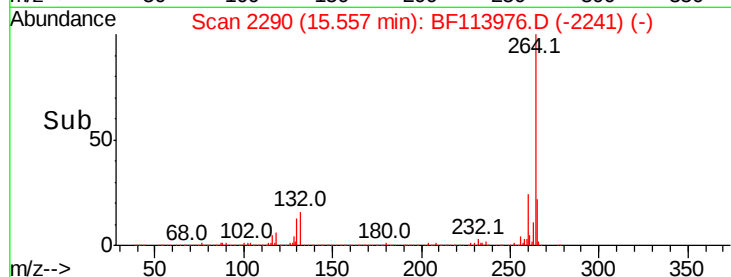
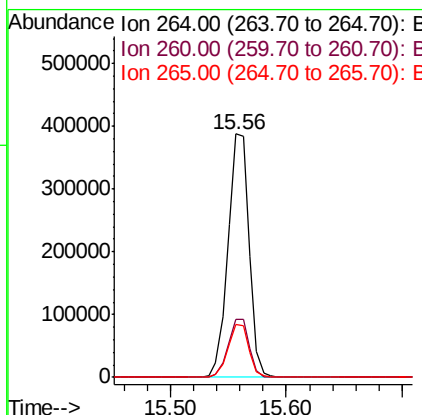
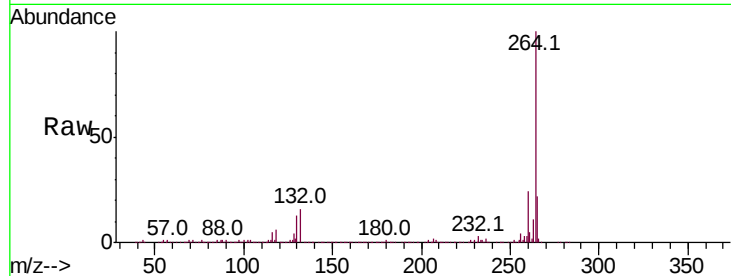
ClientSampleId :

PB119163BS

Tot Ion:	264	Resp:	489383
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.9	28.3
265	21.8	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 49.816 ng

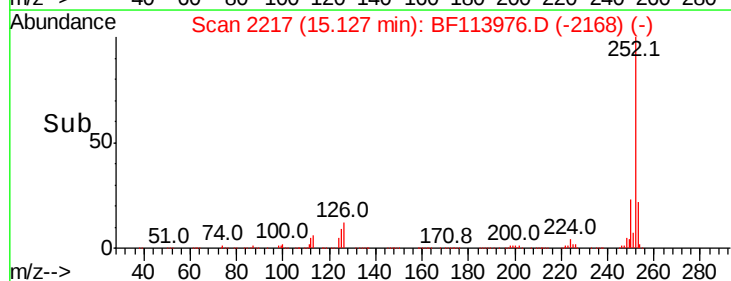
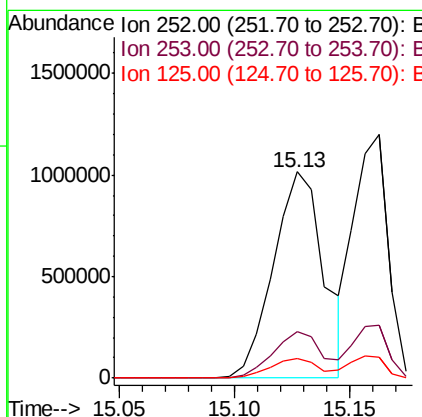
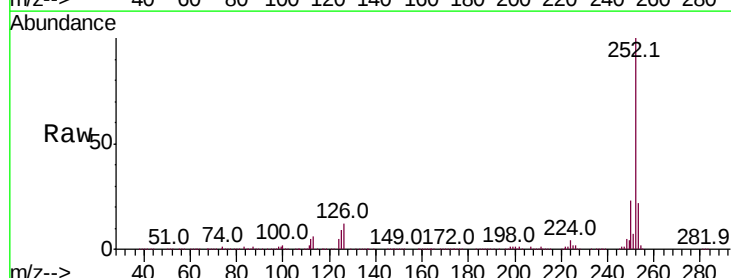
RT: 15.13 min Scan# 2217

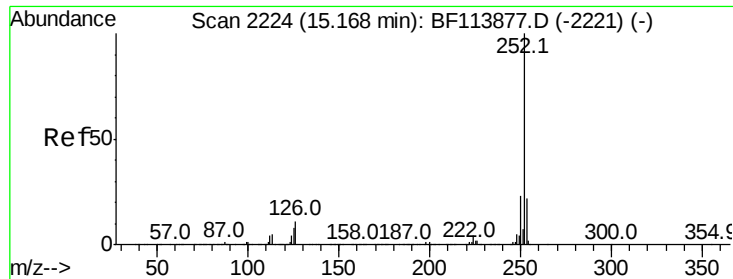
Delta R.T. -0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:	252	Resp:	1542442
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	9.4	7.0	10.6





#89

Benzo(k)fluoranthene

Concen: 46.585 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Instrument :

BNA_F

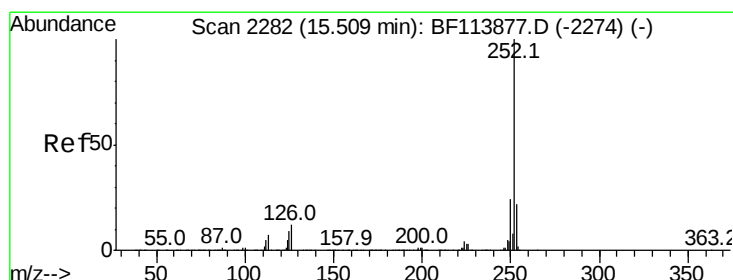
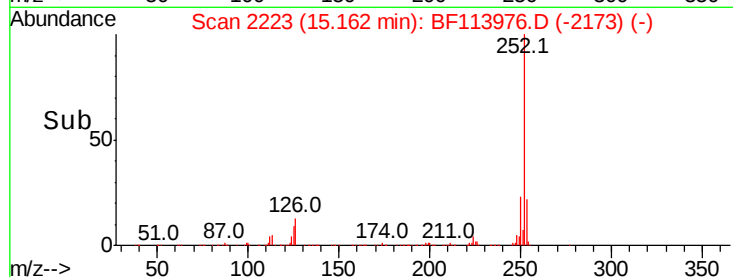
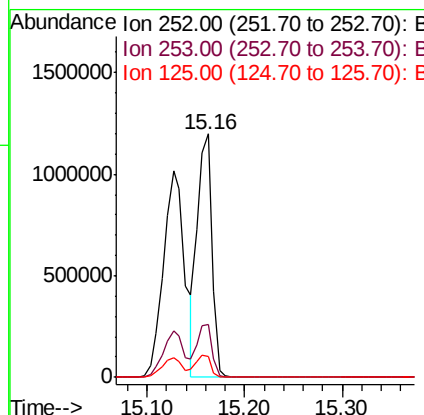
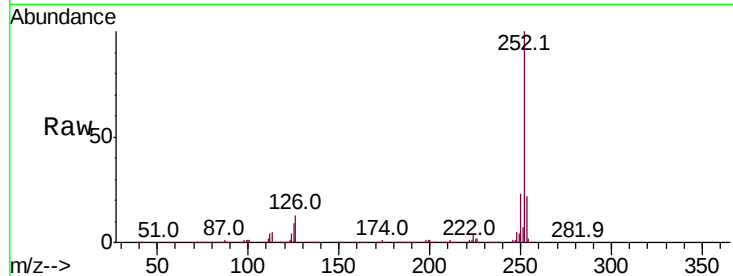
ClientSampleId :

PB119163BS

Tot Ion:	252	Resp:	1240727
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	8.6	7.4	11.2

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:43 AM



#90

Benzo(a)pyrene

Concen: 49.580 ng

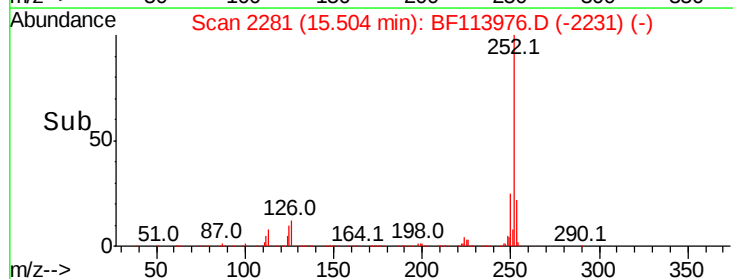
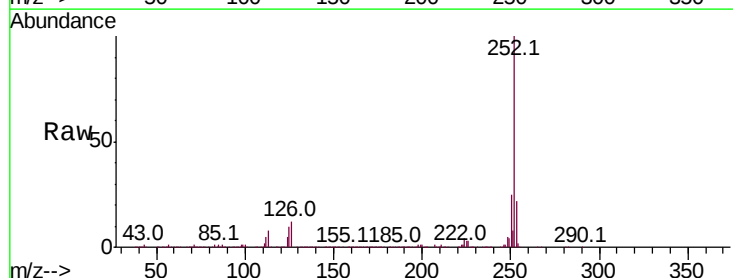
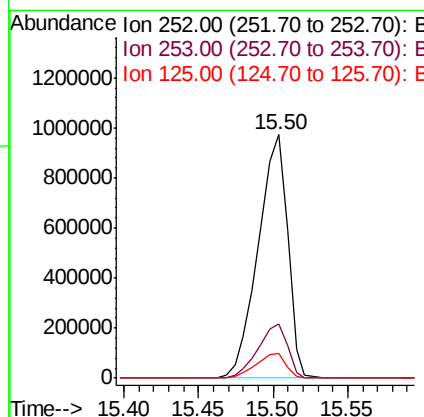
RT: 15.50 min Scan# 2281

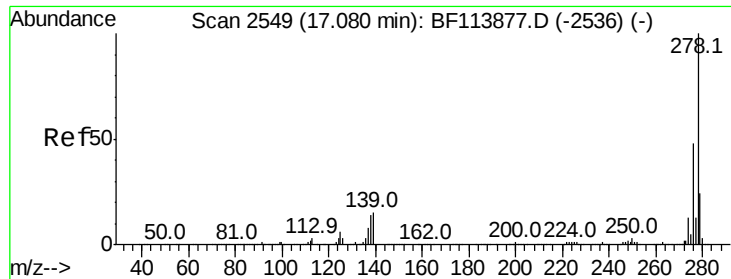
Delta R.T. -0.01 min

Lab File: BF113976.D

Acq: 25 Apr 2019 14:46

Tgt Ion:	252	Resp:	1327816
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.2	8.5	12.7





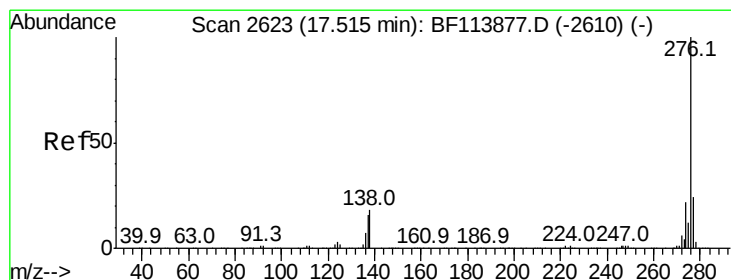
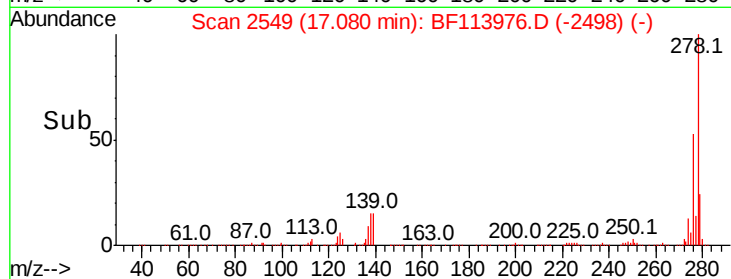
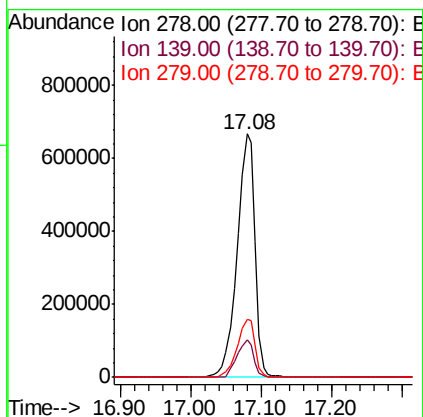
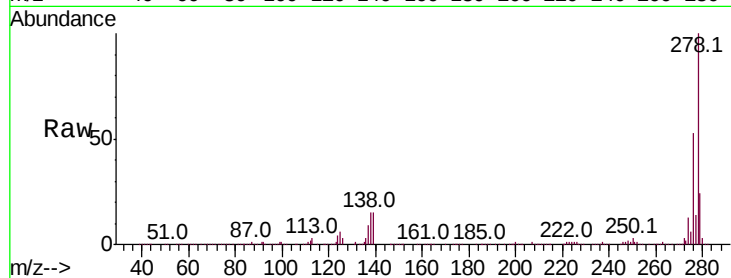
#91
Dibenzo(a,h)anthracene
Concen: 46.692 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Instrument :
BNA_F
ClientSampleId :
PB119163BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.6	17.4
279	23.9	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/29/2019 5:49:43 AM



#92
Benzo(g,h,i)perylene
Concen: 45.147 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF113976.D
Acq: 25 Apr 2019 14:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	19.2	16.6	25.0

