

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114085.D
 Acq On : 2 May 2019 15:29
 Operator : JU/SJ
 Sample : PB119394BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:33:00 PM

Quant Time: May 03 03:38:38 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	6.89	152	116403	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	438383	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	247067	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	504897	20.00	ng	0.00
76) Chrysene-d12	14.06	240	414345	20.00	ng	-0.01
87) Perylene-d12	15.54	264	363849	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	838478	123.20	ng	0.00
7) Phenol-d6	6.53	99	1117943	130.93	ng	0.00
23) Nitrobenzene-d5	7.45	82	589142	82.98	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	396832	131.85	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1237850	78.36	ng	-0.01
79) Terphenyl-d14	13.00	244	1608680	79.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	109336	34.081	ng	97
3) Pyridine	3.49	79	263728	30.117	ng	99
4) n-Nitrosodimethylamine	3.43	42	105995	35.360	ng	91
6) Aniline	6.55	93	329974	28.143	ng	99
8) 2-Chlorophenol	6.68	128	296414	38.148	ng	98
9) Benzaldehyde	6.43	77	156213	29.729	ng	98
10) Phenol	6.54	94	377180	36.941	ng	91
11) bis(2-Chloroethyl)ether	6.62	93	290199	37.770	ng	97
12) 1,3-Dichlorobenzene	6.83	146	320761	36.449	ng	98
13) 1,4-Dichlorobenzene	6.90	146	337308	38.108	ng	98
14) 1,2-Dichlorobenzene	7.06	146	302903	37.236	ng	98
15) Benzyl Alcohol	7.03	79	267964	46.596	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	316727	35.313	ng	94
17) 2-Methylphenol	7.15	107	248111	36.428	ng	98
18) Hexachloroethane	7.40	117	111908	36.067	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	208144	37.642	ng	96
20) 3+4-Methylphenols	7.29	107	302920	39.365	ng	# 77
22) Acetophenone	7.30	105	412323	42.266	ng	# 93
24) Nitrobenzene	7.47	77	320949	40.910	ng	99
25) Isophorone	7.71	82	593535	40.855	ng	100
26) 2-Nitrophenol	7.79	139	166674	46.570	ng	99
27) 2,4-Dimethylphenol	7.82	122	267781	45.922	ng	96
28) bis(2-Chloroethoxy)methane	7.92	93	373130	40.306	ng	99
29) 2,4-Dichlorophenol	8.03	162	283880	42.572	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	300939	40.476	ng	98
31) Naphthalene	8.19	128	861416	41.363	ng	99
32) Benzoic acid	7.96	122	183739	46.659	ng	98
33) 4-Chloroaniline	8.24	127	260462	29.558	ng	97
34) Hexachlorobutadiene	8.31	225	183409	39.571	ng	99
35) Caprolactam	8.61	113	87867m	41.423	ng	
36) 4-Chloro-3-methylphenol	8.73	107	282907	42.824	ng	97
37) 2-Methylnaphthalene	8.89	142	605755	43.134	ng	98
38) 1-Methylnaphthalene	8.99	142	575571	42.464	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	310552	38.696	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	267489	59.769	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	219079	42.989	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	232604	40.693	ng	99
46) 1,1'-Biphenyl	9.35	154	760698	40.304	ng	98
47) 2-Chloronaphthalene	9.37	162	614991	40.068	ng	98
48) 2-Nitroaniline	9.47	65	173911	43.222	ng	90
49) Acenaphthylene	9.79	152	943389	39.261	ng	99
50) Dimethylphthalate	9.65	163	747009	41.806	ng	99
51) 2,6-Dinitrotoluene	9.71	165	168186	43.874	ng	99
52) Acenaphthene	9.96	154	567887	39.990	ng	97
53) 3-Nitroaniline	9.87	138	124564	30.923	ng	97
54) 2,4-Dinitrophenol	9.99	184	169835	100.071	ng	# 1
55) Dibenzofuran	10.13	168	877904	41.271	ng	97
56) 4-Nitrophenol	10.05	139	266812	83.654	ng	97
57) 2,4-Dinitrotoluene	10.12	165	224821	46.464	ng	98
58) Fluorene	10.48	166	671906	41.955	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	203389	40.489	ng	98
60) Diethylphthalate	10.35	149	726726	42.829	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	356927	42.084	ng	97
62) 4-Nitroaniline	10.49	138	167193	42.532	ng	99
63) Azobenzene	10.63	77	665480	40.466	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	112869	48.655	ng	99
66) n-Nitrosodiphenylamine	10.59	169	609546	40.235	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	233700	38.315	ng	97
68) Hexachlorobenzene	11.03	284	257348	38.395	ng	95
69) Atrazine	11.11	200	200535	40.691	ng	98
70) Pentachlorophenol	11.22	266	285171	75.146	ng	97
71) Phenanthrene	11.44	178	1019628	40.184	ng	99
72) Anthracene	11.49	178	1052206	41.064	ng	99
73) Carbazole	11.65	167	947016	41.427	ng	99
74) Di-n-butylphthalate	11.97	149	1156704	43.015	ng	100
75) Fluoranthene	12.63	202	1119615	40.443	ng	98
77) Benzidine	12.74	184	386523	31.308	ng	97
78) Pyrene	12.86	202	1124872	38.821	ng	99
80) Butylbenzylphthalate	13.47	149	506386	44.418	ng	93
81) Benzo(a)anthracene	14.04	228	1037189	42.486	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	369037	41.243	ng	# 98
83) Chrysene	14.09	228	1025880	43.149	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	712037	49.089	ng	100
85) Di-n-octyl phthalate	14.64	149	1192281	52.515	ng	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	1024387	45.486	ng	98
88) Benzo(b)fluoranthene	15.11	252	1075352	46.713	ng	99
89) Benzo(k)fluoranthene	15.14	252	1010675	51.040	ng	99
90) Benzo(a)pyrene	15.48	252	992880	49.864	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	867378	46.405	ng	99
92) Benzo(g,h,i)perylene	17.50	276	825941	43.787	ng	98

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

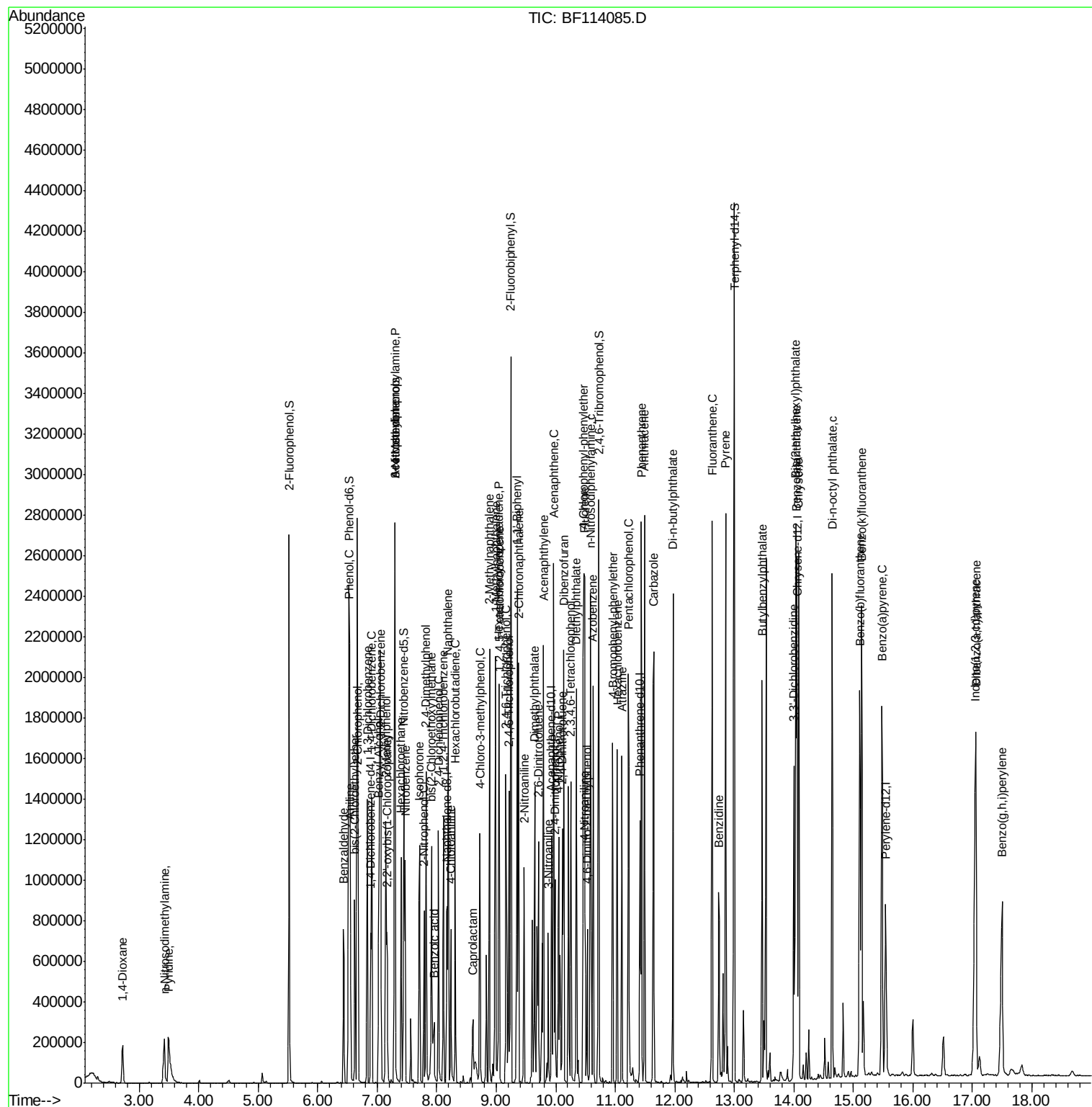
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
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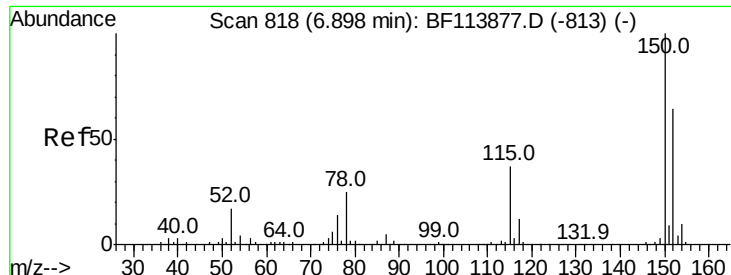
Instrument :
BNA_F
ClientSampled :
PB119394BS

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QLast Update : Tue Apr 23 03:32:35 2019
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#1

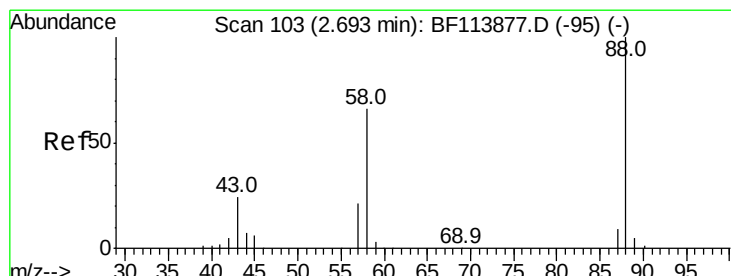
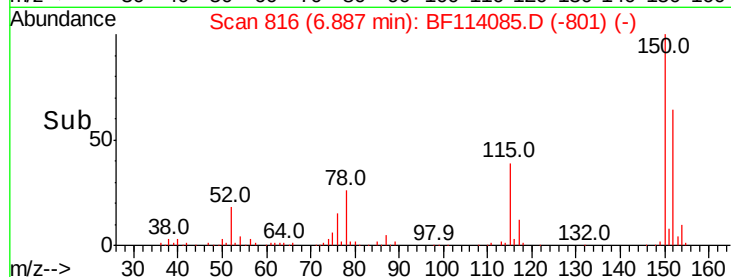
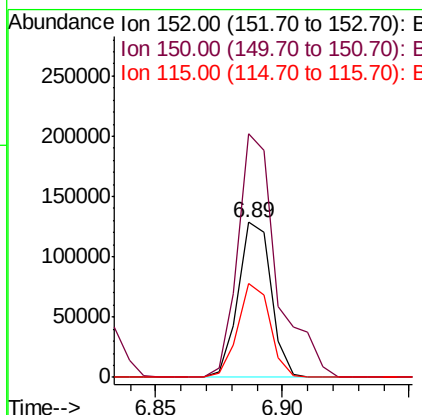
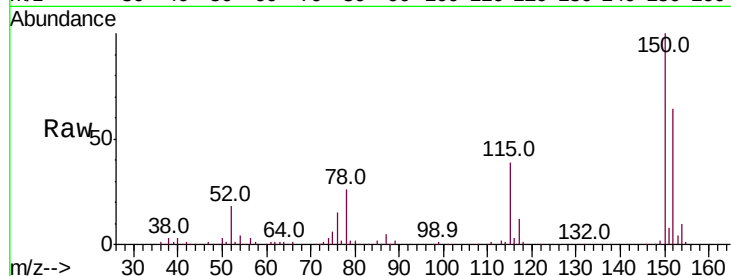
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.9	188.9
115	60.5	45.9	68.9

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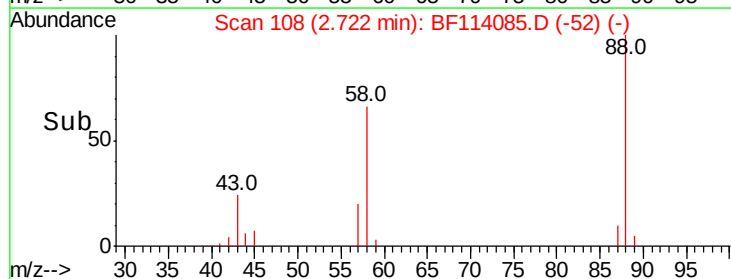
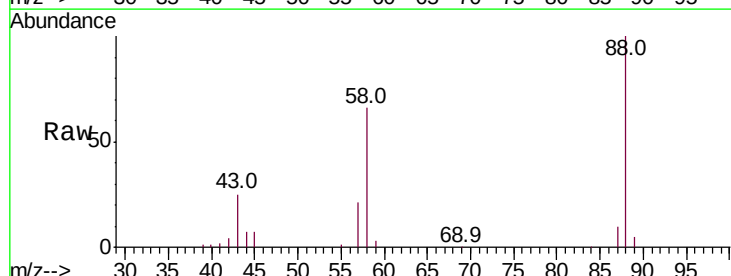
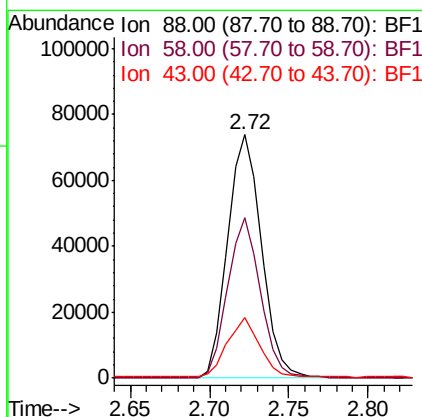
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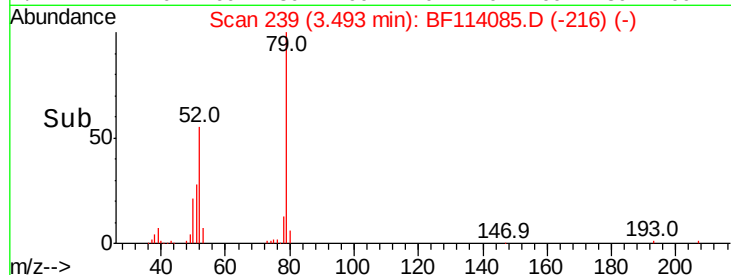
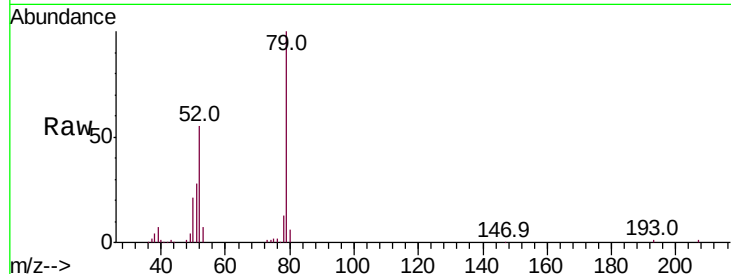
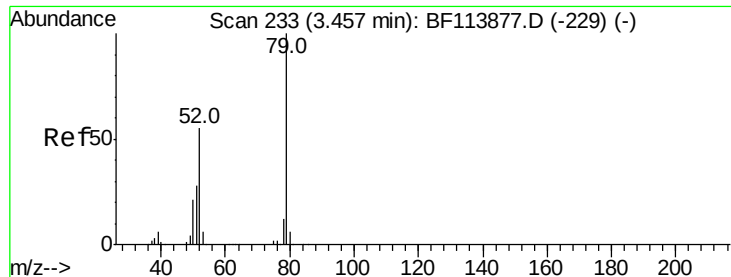


#2

1,4-Dioxane
Concen: 34.081 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.03 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.0	53.3	79.9
43	23.4	19.0	28.4





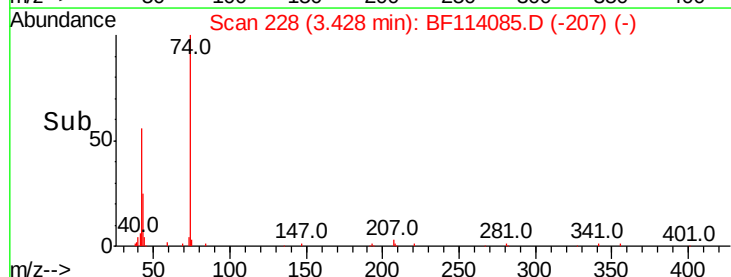
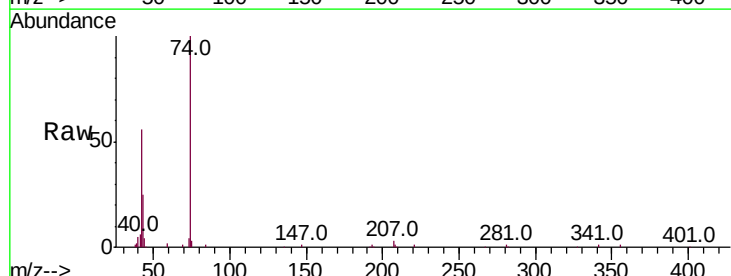
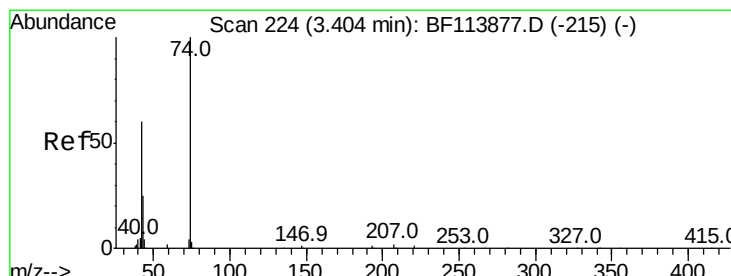
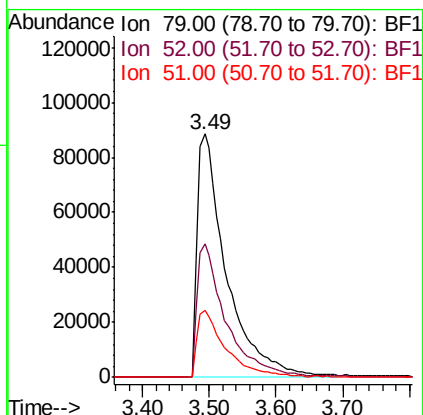
#3
Pvridine
Concen: 30.117 ng
RT: 3.49 min Scan# 239
Delta R.T. 0.04 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.1	45.3	67.9
51	27.8	22.1	33.1

Instrument :
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ClientSampleId :
PB119394BS

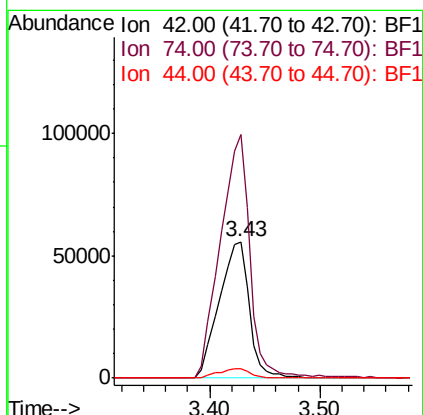
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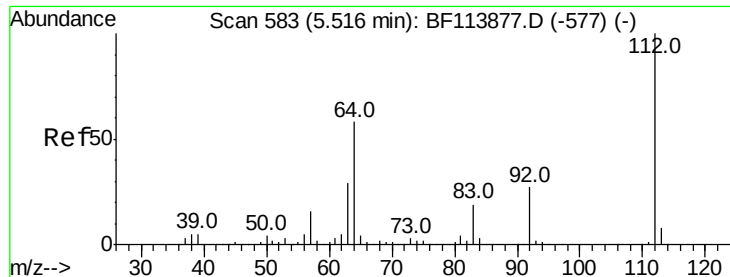
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#4
n-Nitrosodimethylamine
Concen: 35.360 ng
RT: 3.43 min Scan# 228
Delta R.T. 0.02 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	178.7	132.6	198.8
44	6.7	5.8	8.8





#5

2-Fluorophenol

Concen: 123.201 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

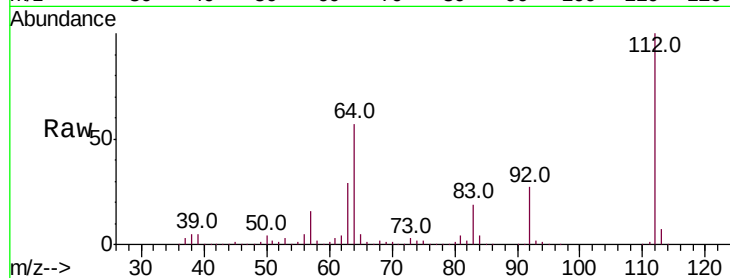
ClientSampled :

PB119394BS

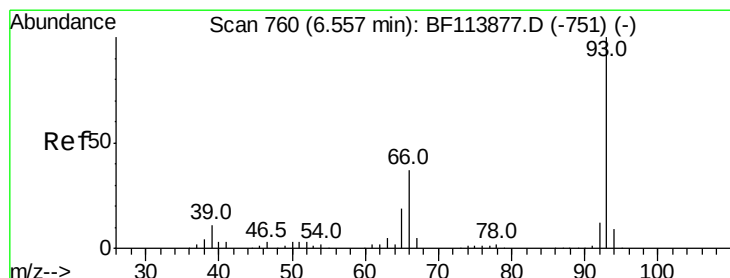
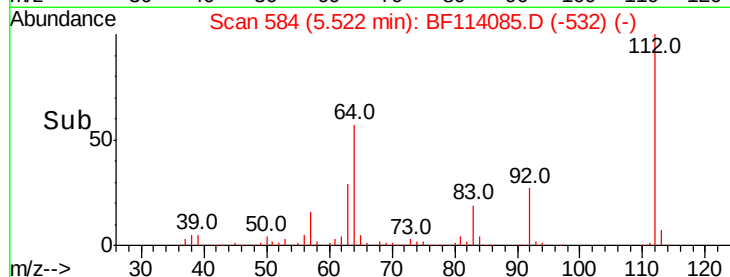
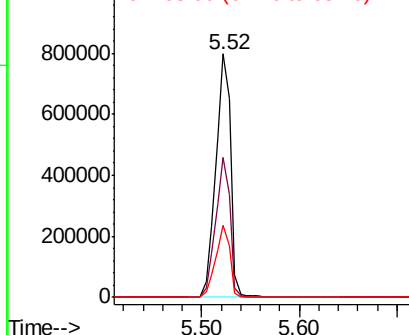
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		838478		
64	57.2	46.6	69.8		
63	29.4	23.1	34.7		

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.143 ng

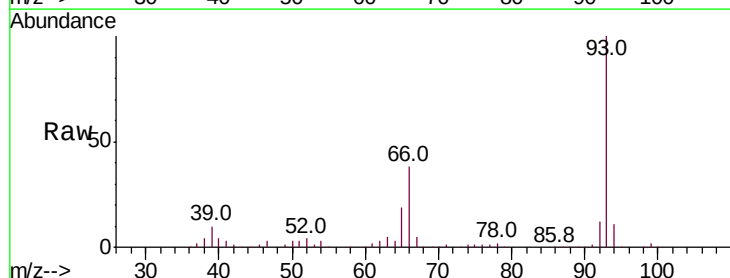
RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

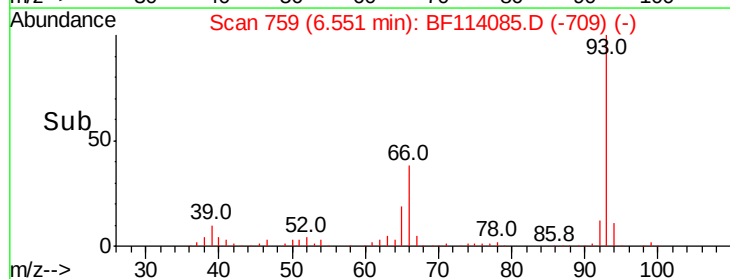
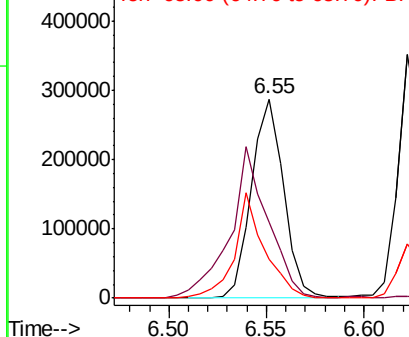
Lab File: BF114085.D

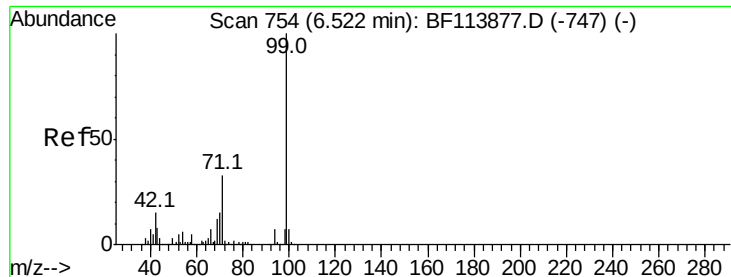
Acq: 2 May 2019 15:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		329974		
66	37.9	29.8	44.6		
65	19.5	14.9	22.3		



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.927 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

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ClientSampled :

PB119394BS

Tot Ion: 99 Resp: 1117943

Ion Ratio Lower Upper

99 100

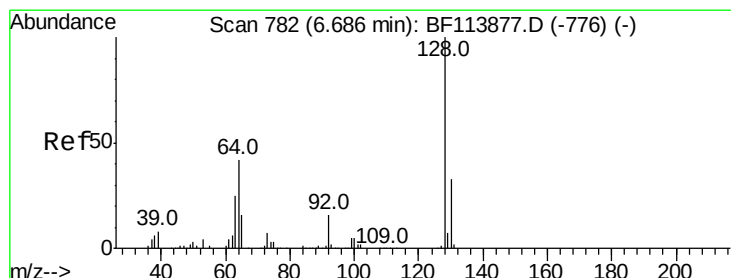
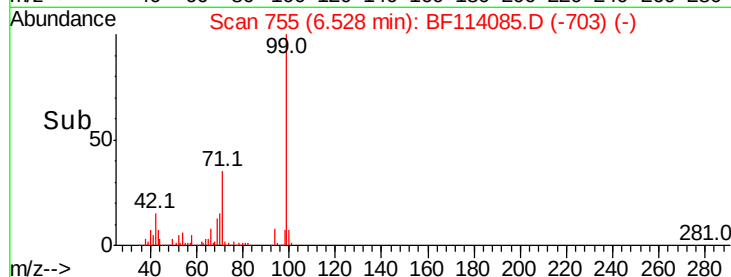
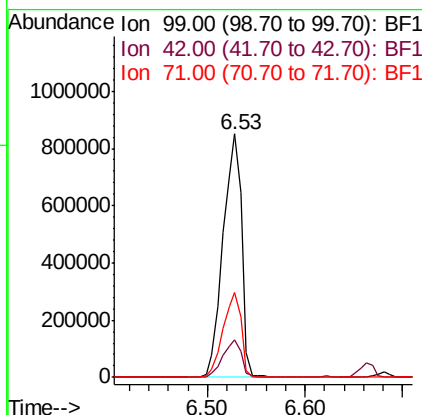
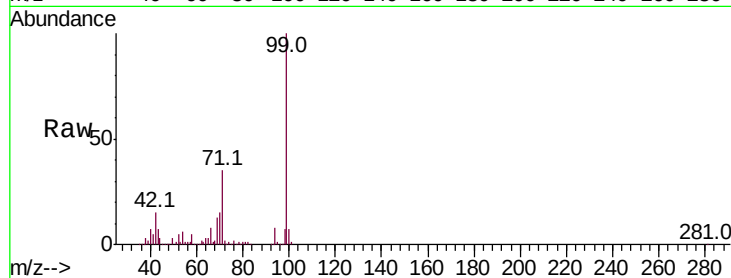
42 15.4 12.5 18.7

71 35.0 26.9 40.3

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#8

2-Chlorophenol

Concen: 38.148 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

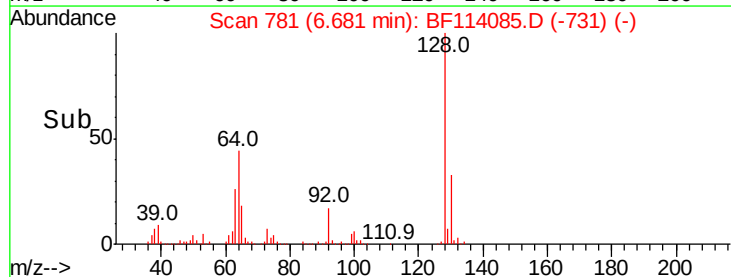
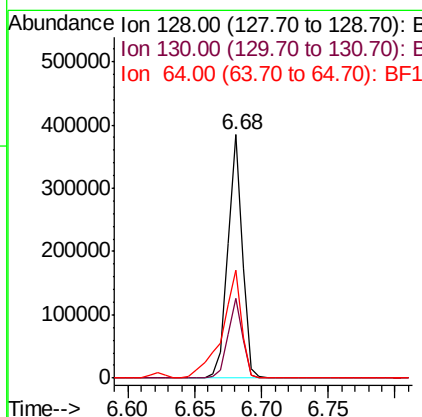
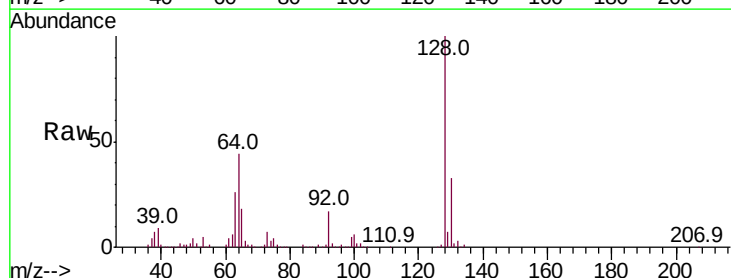
Tgt Ion: 128 Resp: 296414

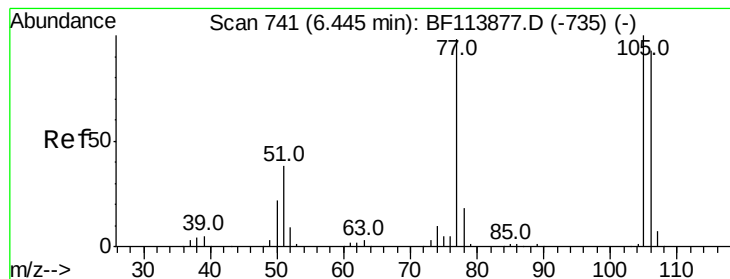
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 44.2 26.1 66.1





#9

Benzaldehyde

Concen: 29.729 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

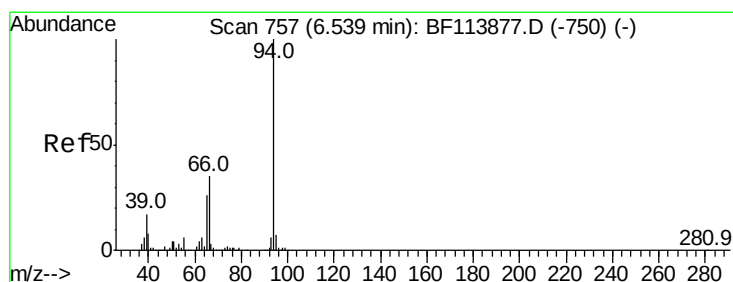
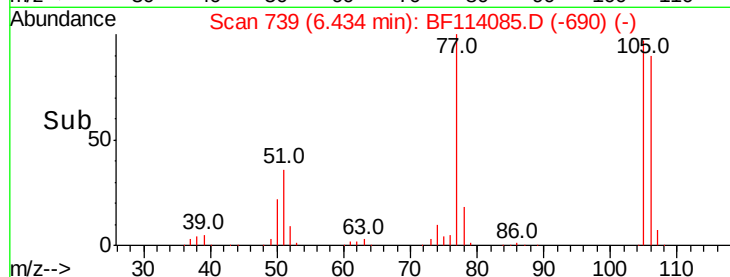
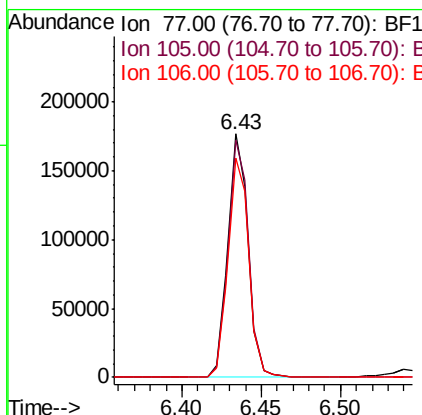
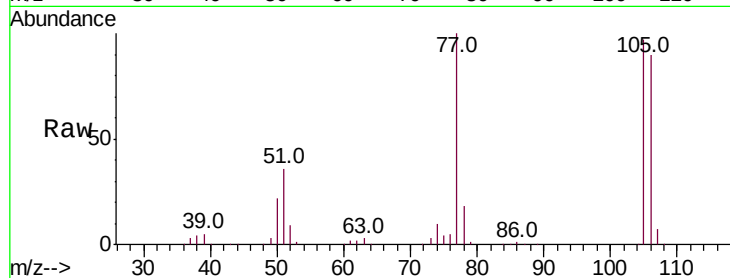
ClientSampleId :

PB119394BS

Tot Ion	77	Resp	156213
Ion Ratio	Lower	Upper	
77	100		
105	97.4	74.1	114.1
106	89.9	70.3	110.3

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#10

Phenol

Concen: 36.941 ng

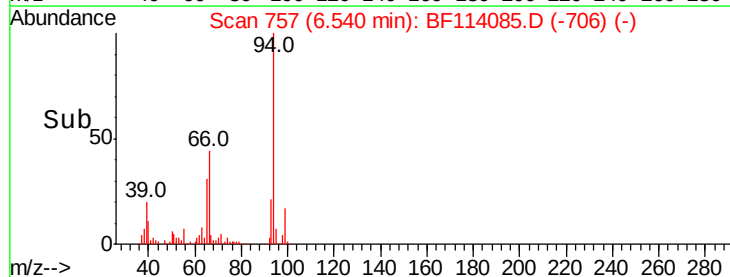
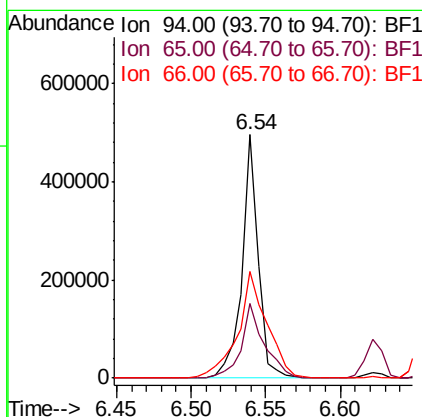
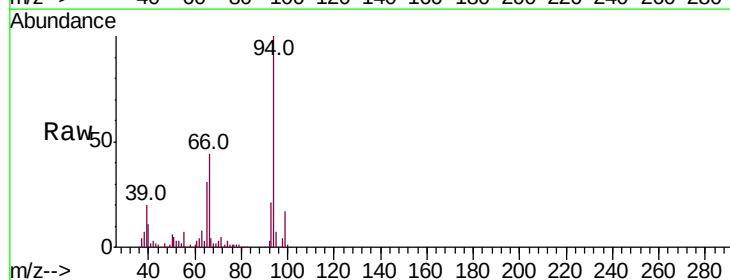
RT: 6.54 min Scan# 757

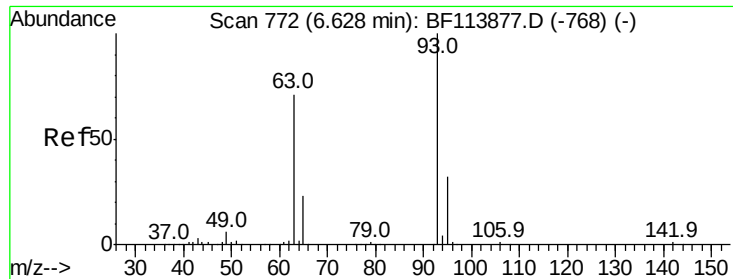
Delta R.T. 0.00 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Tgt Ion	94	Resp	377180
Ion Ratio	Lower	Upper	
94	100		
65	30.6	8.1	48.1
66	43.9	16.6	56.6





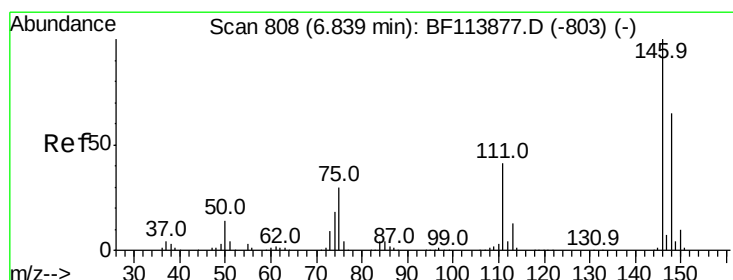
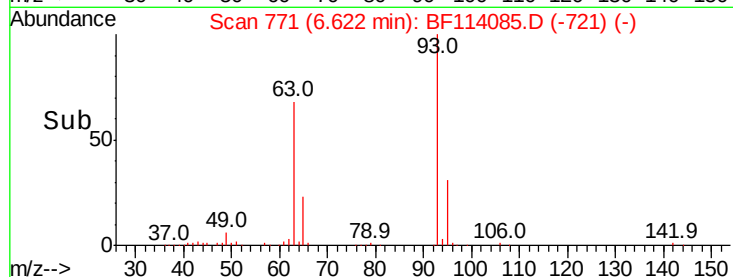
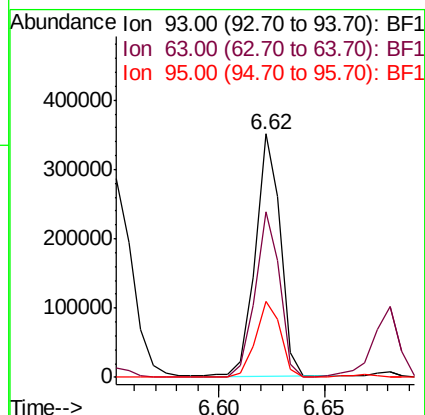
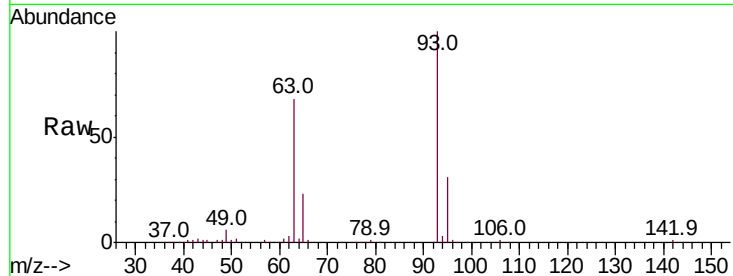
#11
bis(2-Chloroethyl)ether
Concen: 37.770 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	290199		
63	67.9	50.7	90.7	
95	31.2	12.3	52.3	

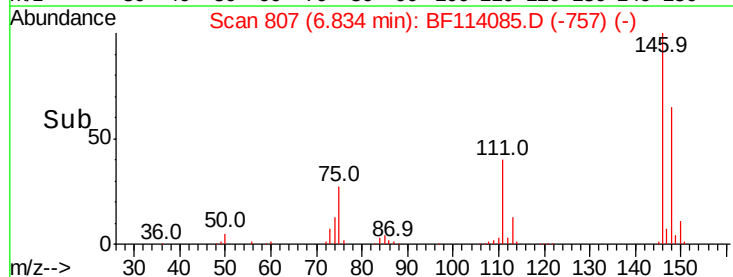
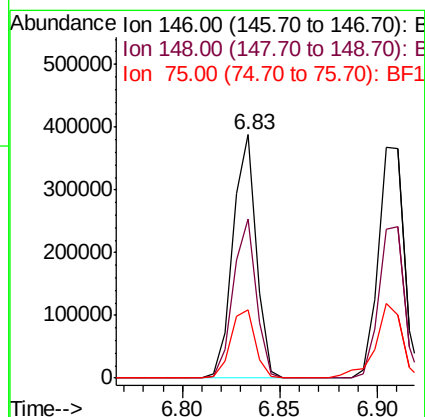
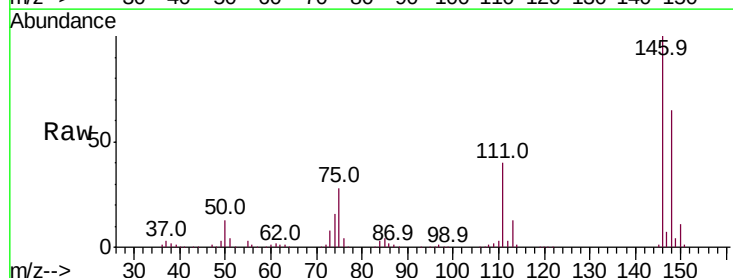
Manual Integrations
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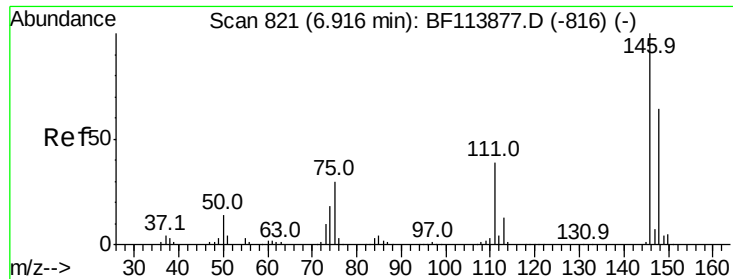
Sohil
5/3/2019 4:33:00 PM



#12
1,3-Dichlorobenzene
Concen: 36.449 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	320761		
148	65.3	51.0	76.6	
75	28.2	23.8	35.8	





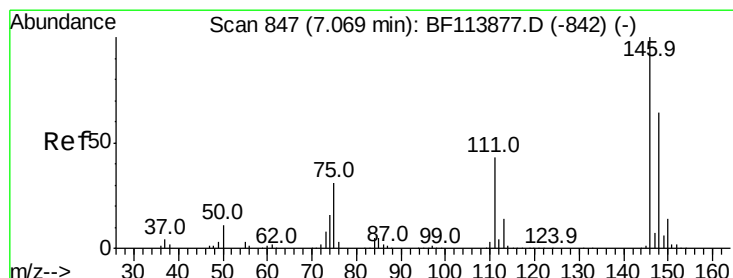
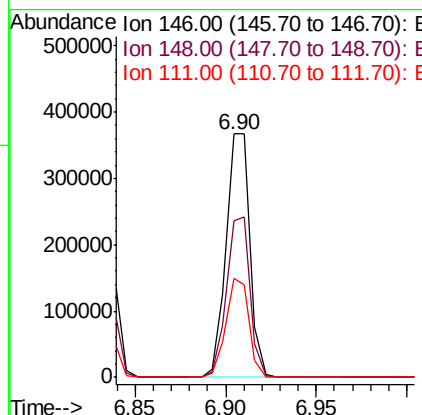
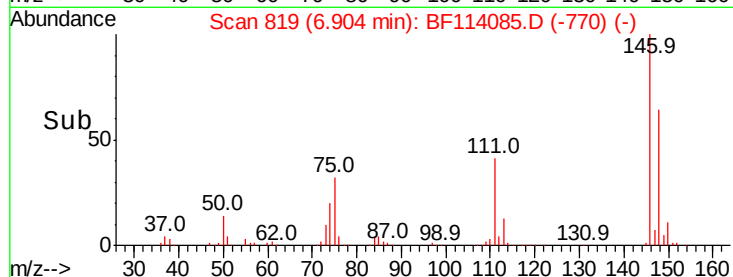
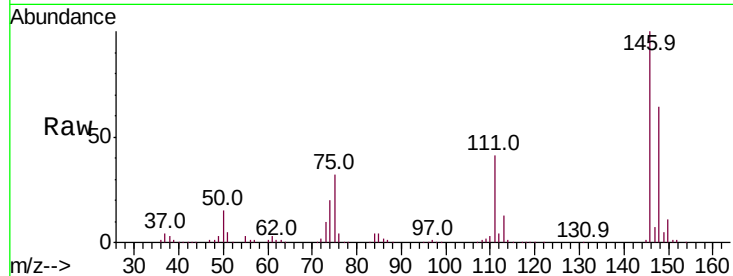
#13
 1,4-Dichlorobenzene
 Concen: 38.108 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
111	40.8	30.9	46.3

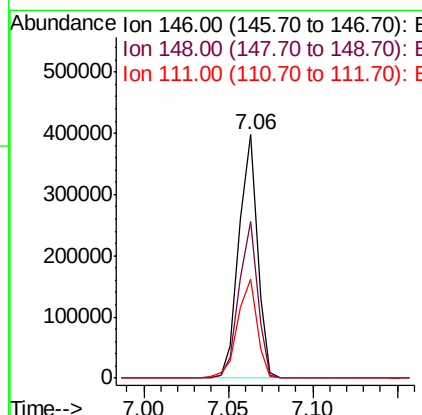
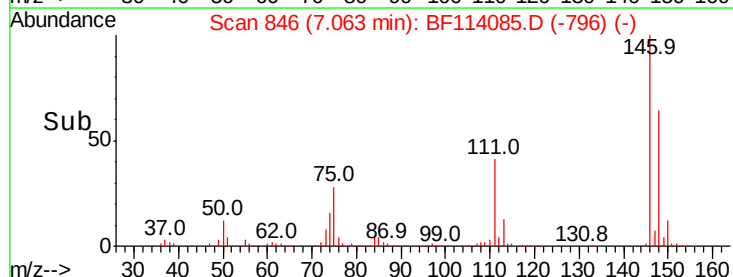
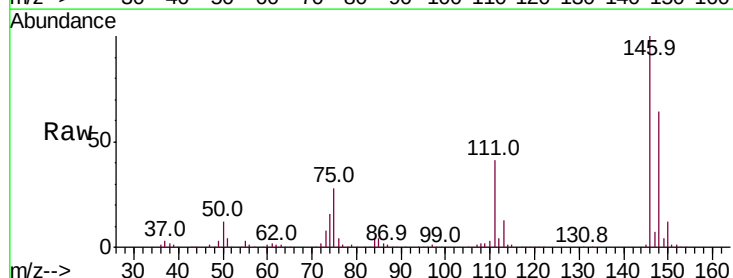
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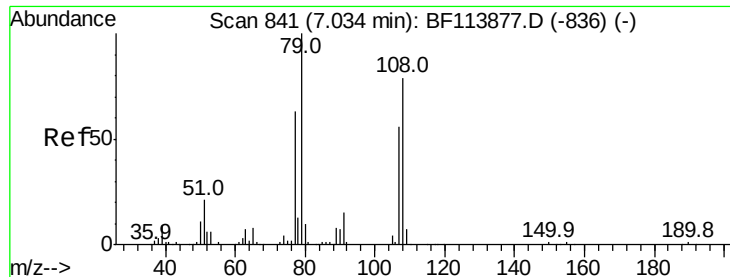
Sohil
 5/3/2019 4:33:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.236 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
111	40.8	34.2	51.4





#15

Benzyl Alcohol

Concen: 46.596 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

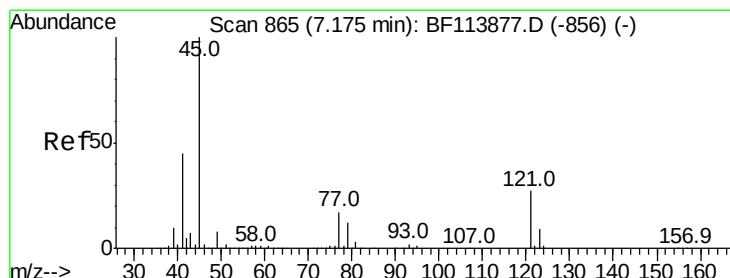
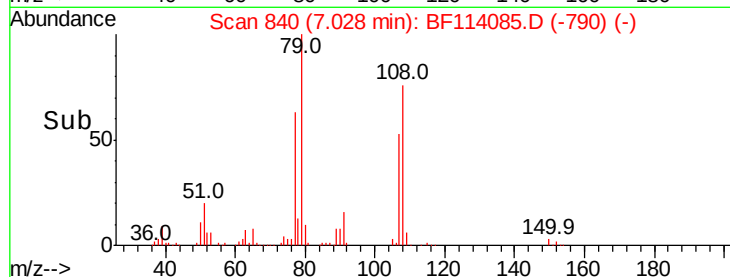
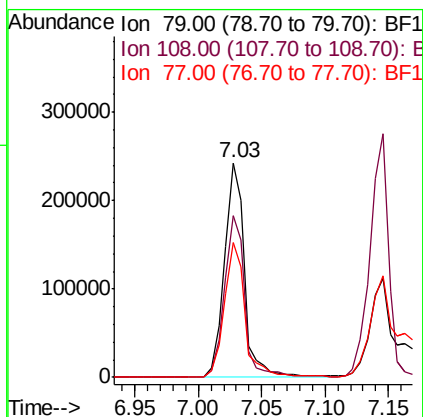
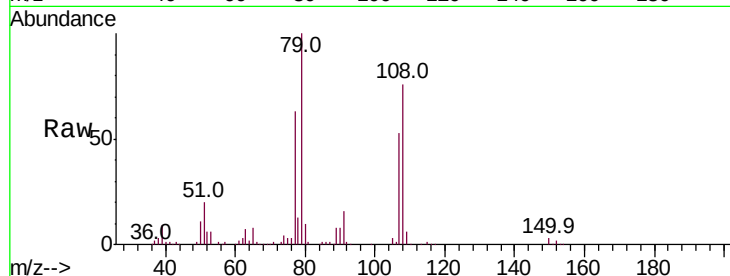
ClientSampleId :

PB119394BS

Tot Ion:	79	Resp:	267964
Ion Ratio	Lower	Upper	
79	100		
108	75.7	61.4	92.0
77	63.1	51.6	77.4

Manual Integrations
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5/3/2019 4:33:00 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.313 ng

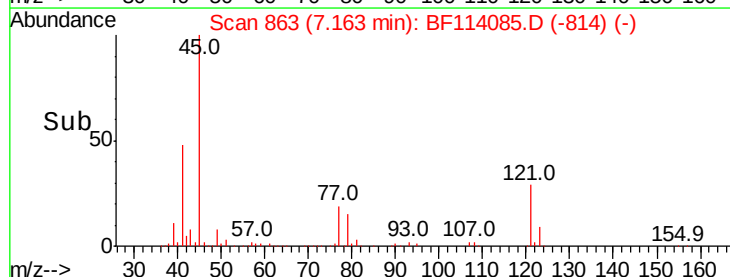
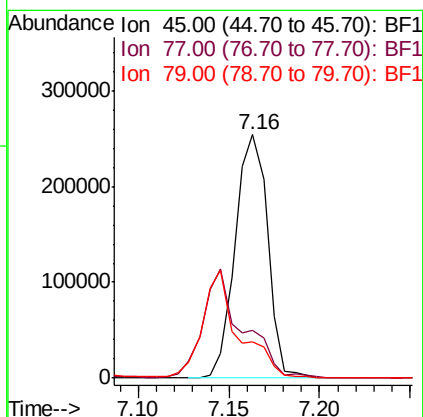
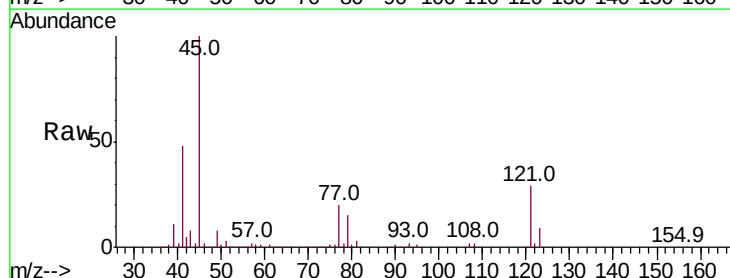
RT: 7.16 min Scan# 863

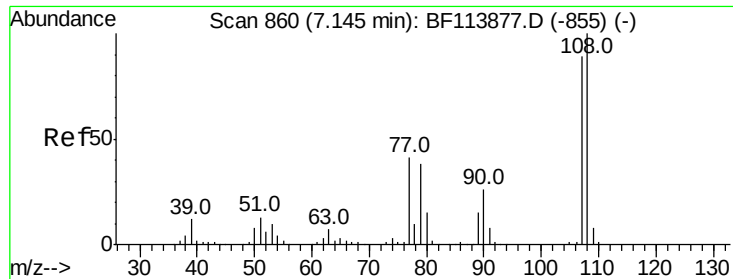
Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Tgt Ion:	45	Resp:	316727
Ion Ratio	Lower	Upper	
45	100		
77	19.5	0.0	37.0
79	15.1	0.0	32.7





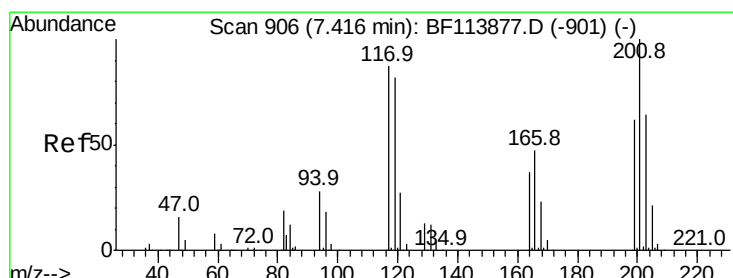
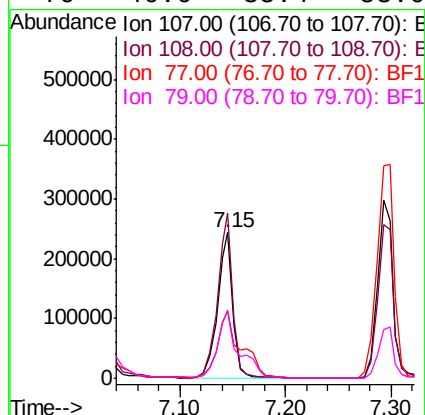
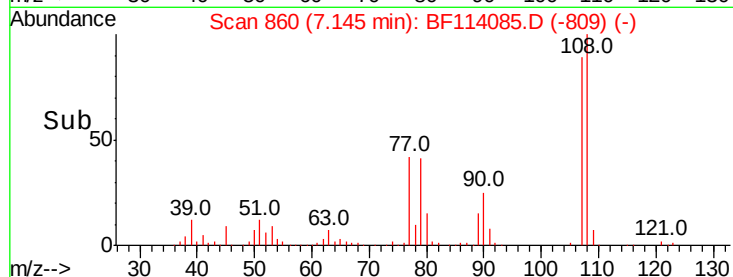
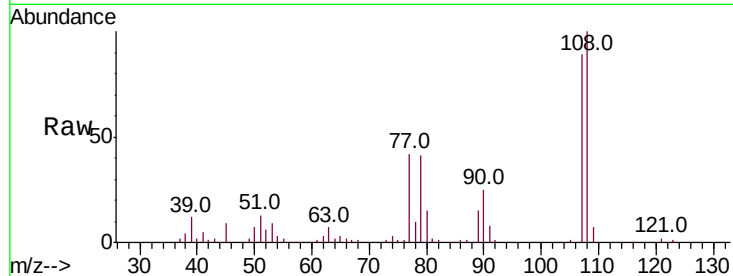
#17
2-Methylphenol
Concen: 36.428 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampled :
PB119394BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	91.5	137.3	
77	46.9	36.2	54.4	
79	46.0	35.4	53.0	

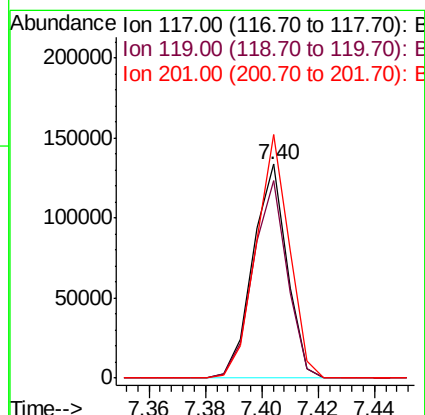
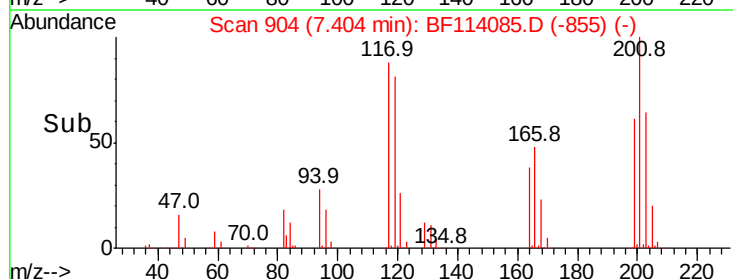
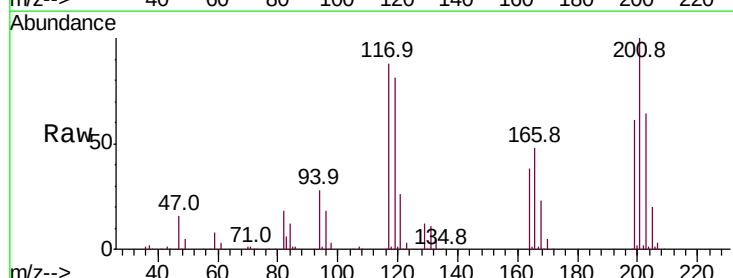
Manual Integrations
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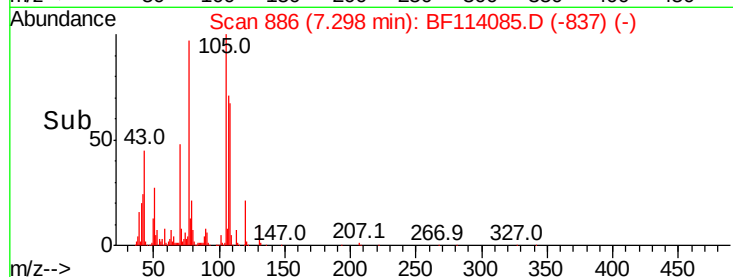
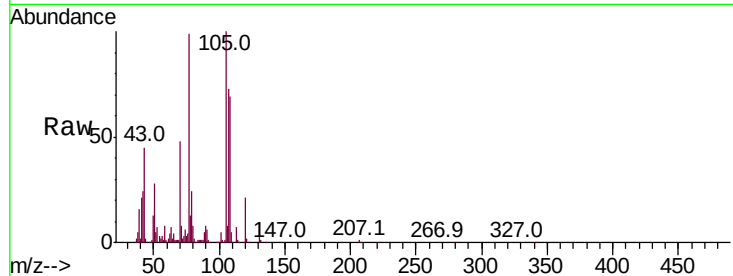
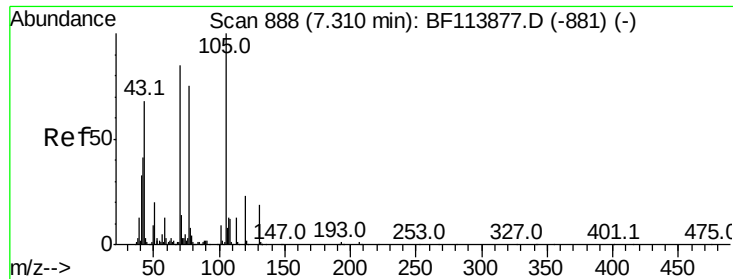
Sohil
5/3/2019 4:33:00 PM



#18
Hexachloroethane
Concen: 36.067 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.2	74.4	111.6	
201	113.9	90.2	135.2	





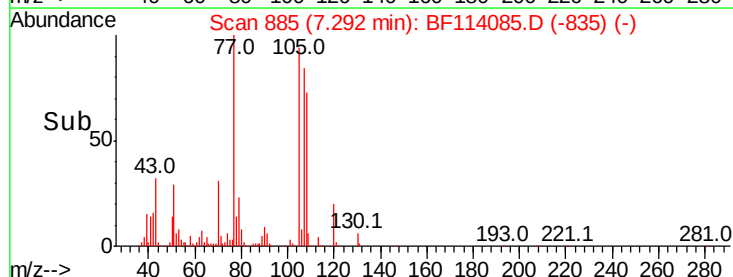
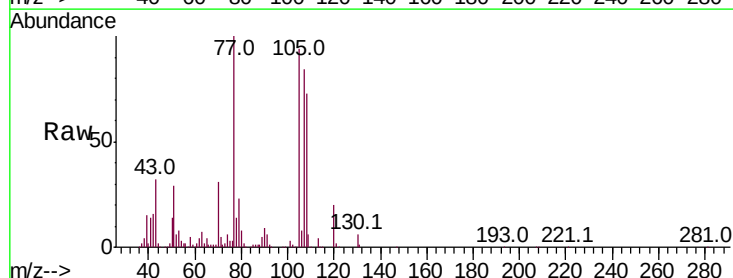
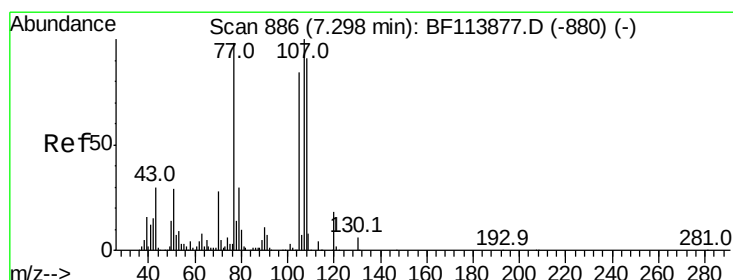
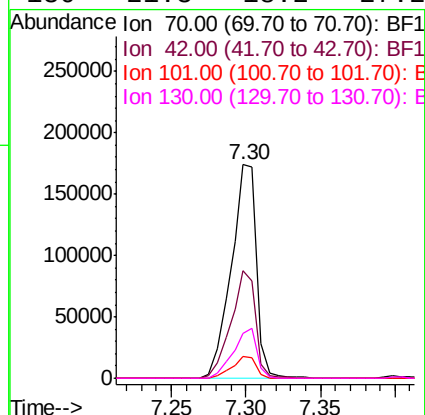
#19
n-Nitroso-di-n-propylamine
Concen: 37.642 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampled :
PB119394BS

Manual Integrations
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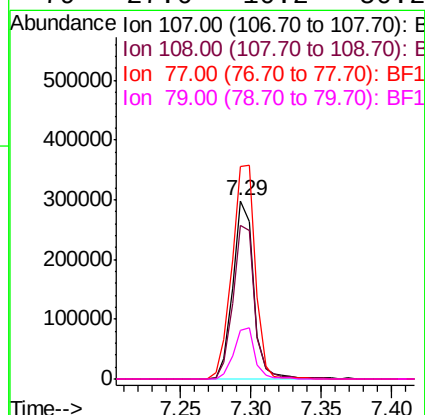
Sohil
5/3/2019 4:33:00 PM

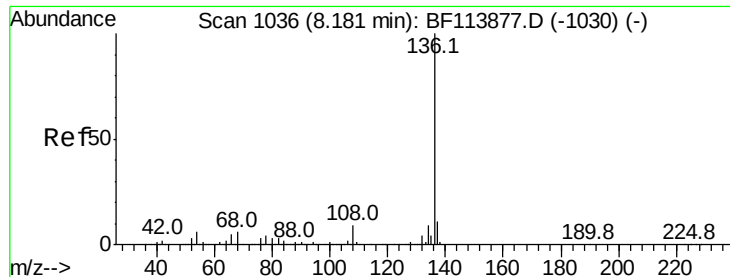
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.1	37.3	55.9
101	9.9	7.8	11.8
130	21.3	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.365 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	70.1	110.1
77	119.1	52.9	92.9#
79	27.6	10.2	50.2





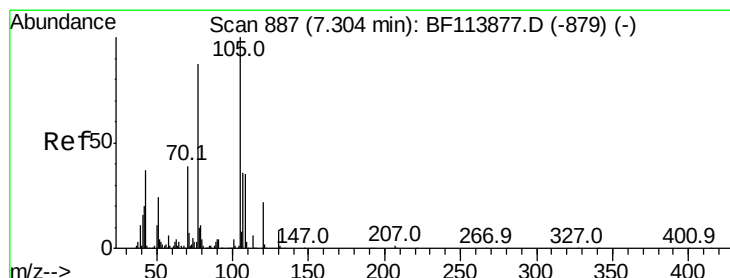
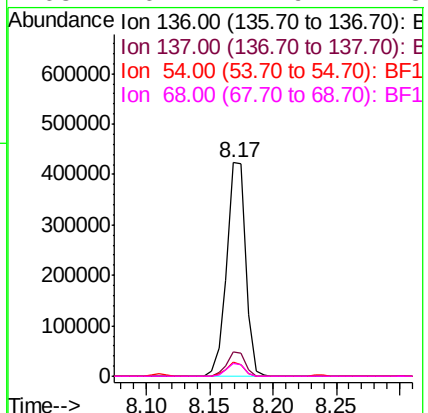
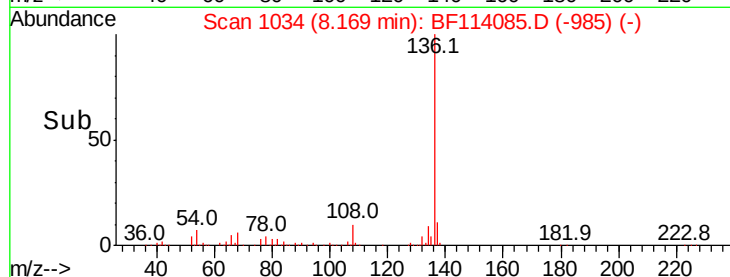
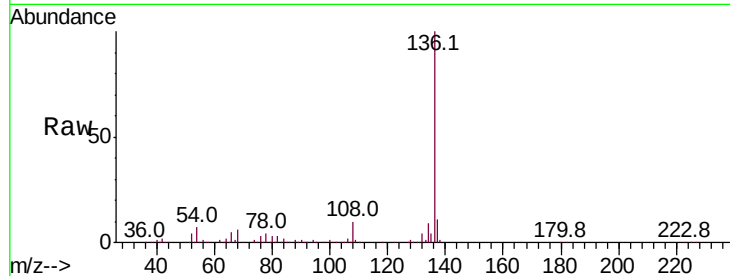
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.6	12.8	
54	6.7	5.0	7.6	
68	6.2	4.9	7.3	

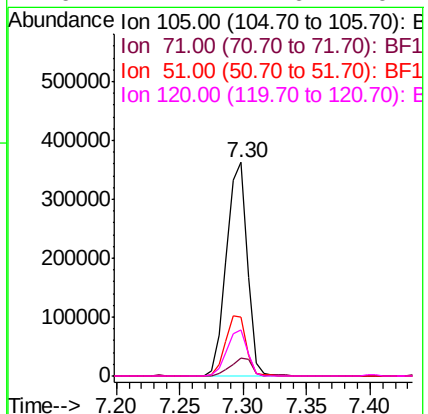
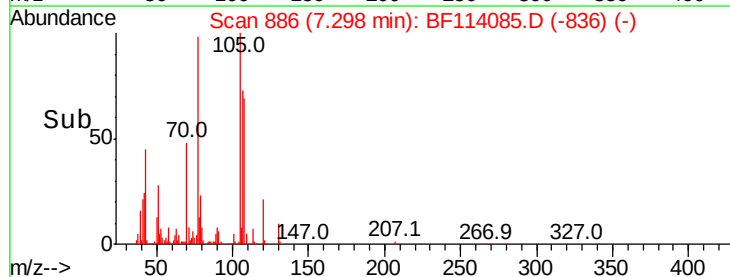
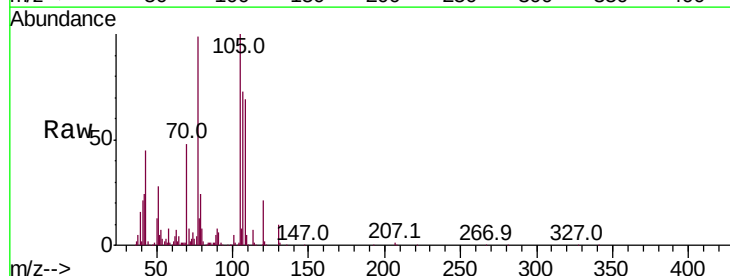
Manual Integrations
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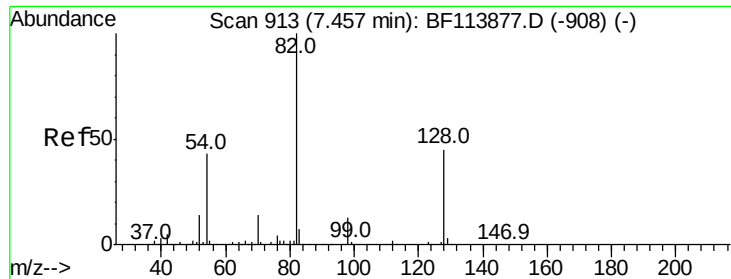
Sohil
5/3/2019 4:33:00 PM



#22
Acetophenone
Concen: 42.266 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.2	6.1	9.1	
51	27.7	16.8	25.2	
120	21.4	17.6	26.4	





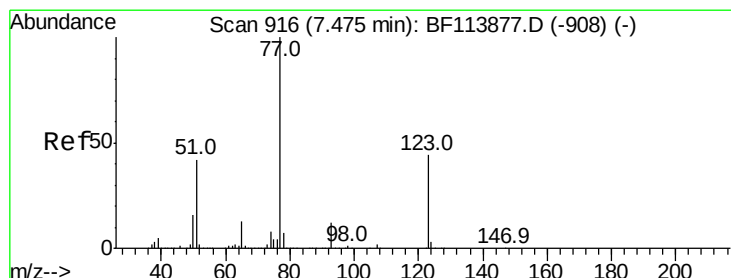
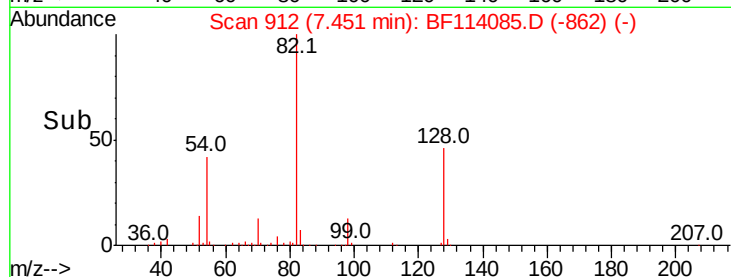
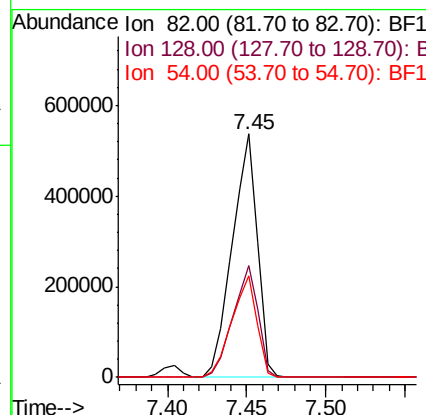
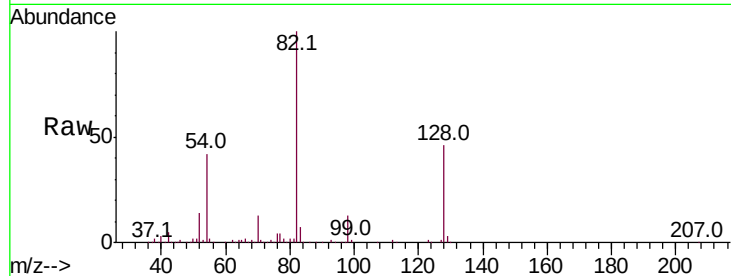
#23
Nitrobenzene-d5
Concen: 82.978 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	589142		
128	45.8	36.8	55.2	
54	42.0	33.8	50.6	

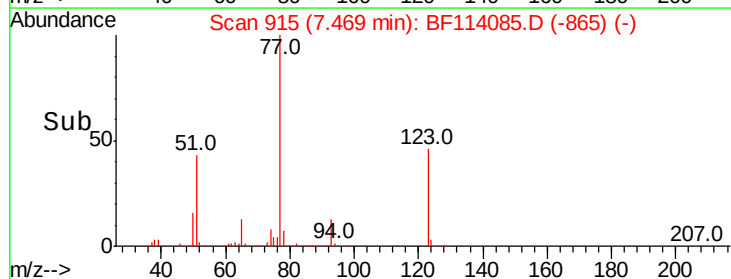
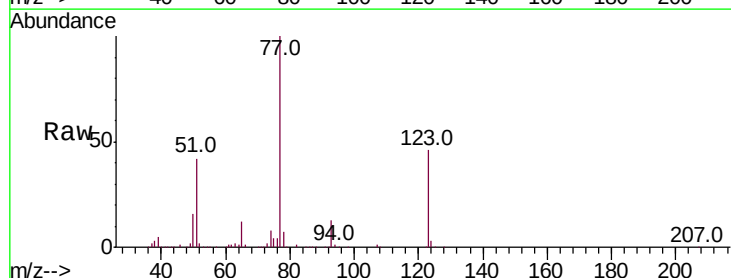
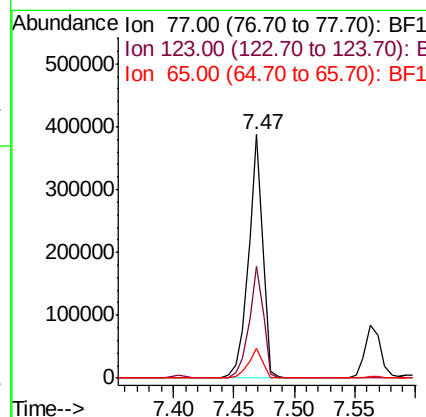
Manual Integrations
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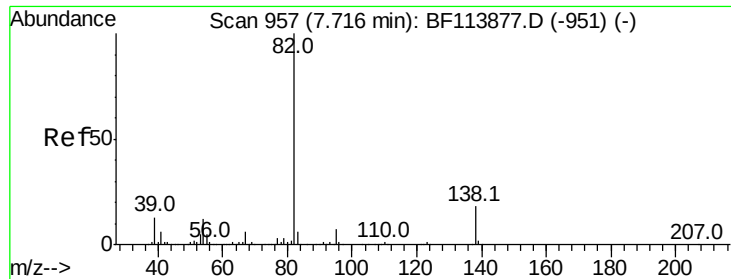
Sohil
5/3/2019 4:33:00 PM



#24
Nitrobenzene
Concen: 40.910 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	320949		
123	46.1	36.3	54.5	
65	12.3	10.3	15.5	





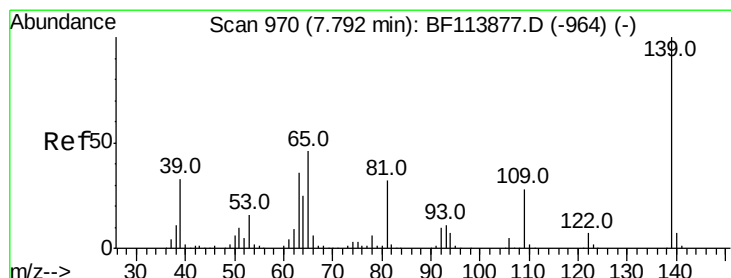
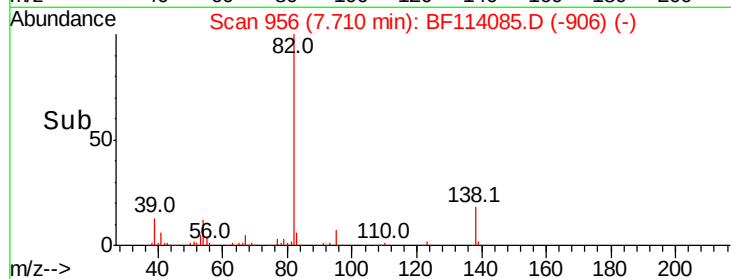
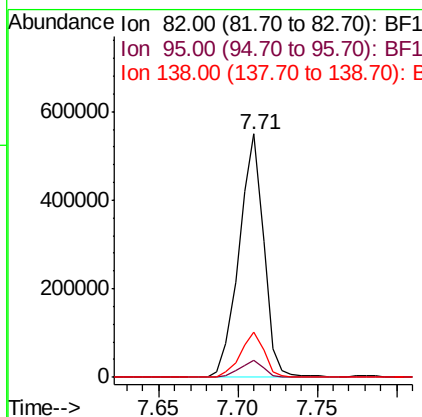
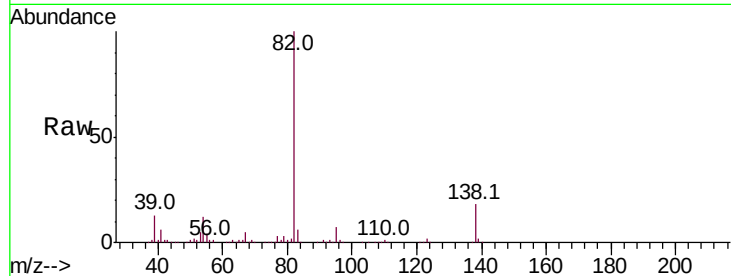
#25
Isophorone
Concen: 40.855 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.0	5.4	8.2	
138	18.3	14.6	22.0	

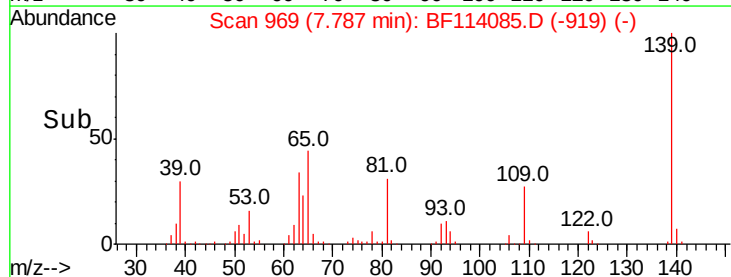
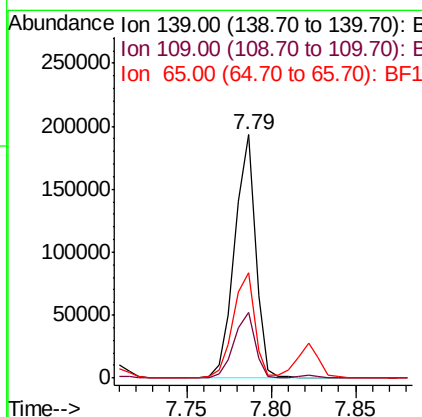
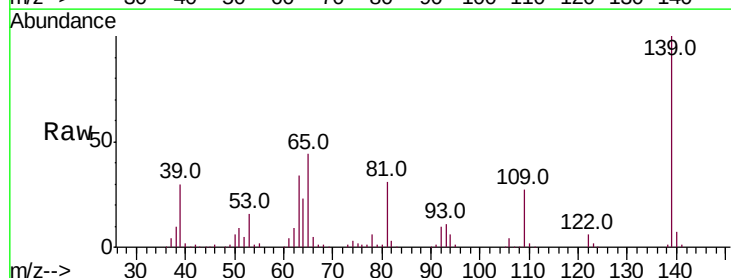
Manual Integrations
APPROVED

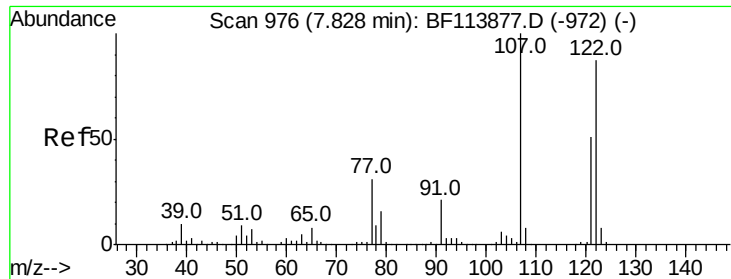
Sohil
5/3/2019 4:33:00 PM



#26
2-Nitrophenol
Concen: 46.570 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.7	20.6	31.0	
65	43.5	34.6	52.0	





#27

2,4-Dimethylphenol

Concen: 45.922 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

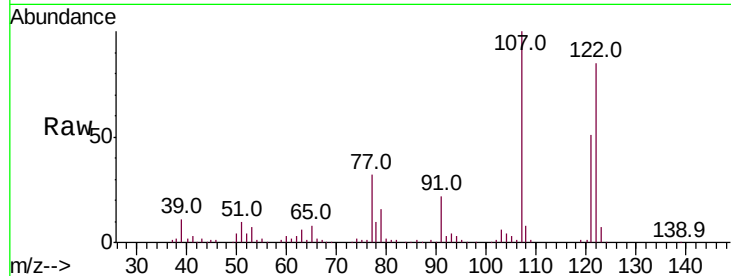
ClientSampled :

PB119394BS

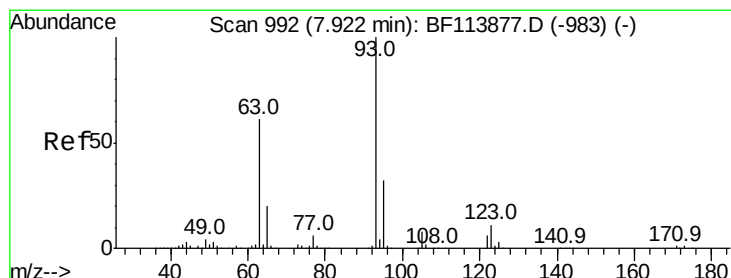
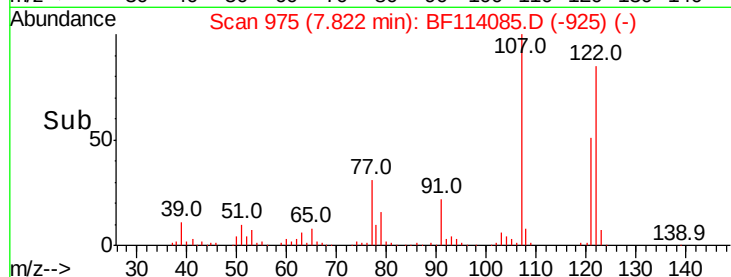
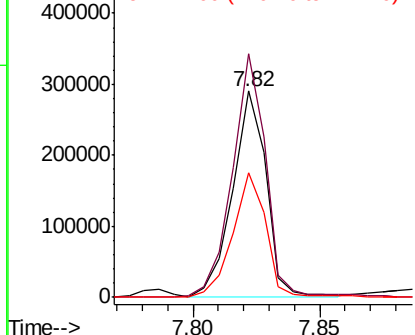
Tot Ion:	122	Resp:	267781
Ion Ratio	Lower	Upper	
122	100		
107	118.0	91.2	136.8
121	60.4	46.4	69.6

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5/3/2019 4:33:00 PM



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.306 ng

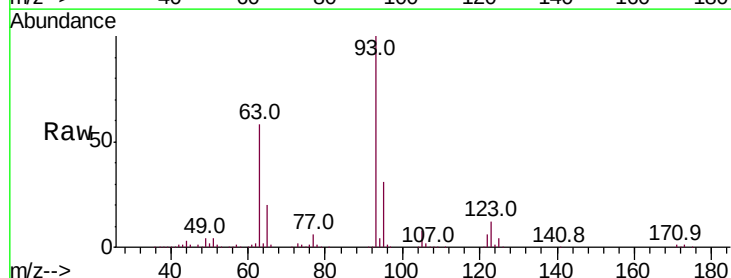
RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

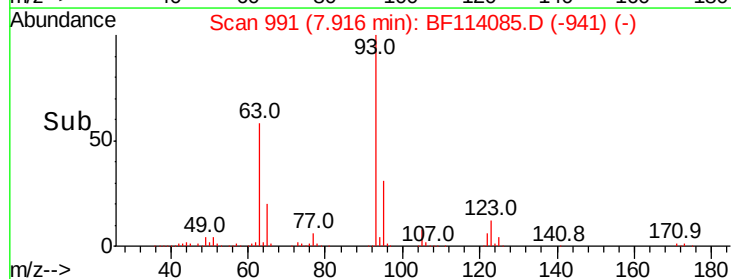
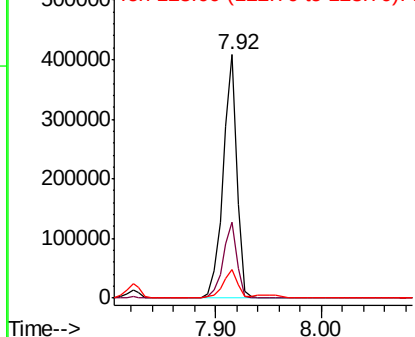
Lab File: BF114085.D

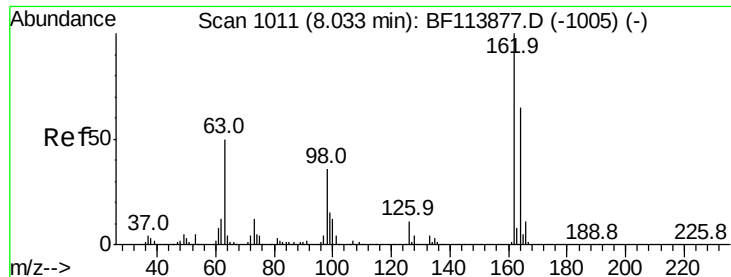
Acq: 2 May 2019 15:29

Tgt Ion:	93	Resp:	373130
Ion Ratio	Lower	Upper	
93	100		
95	31.3	25.8	38.6
123	11.5	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.572 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

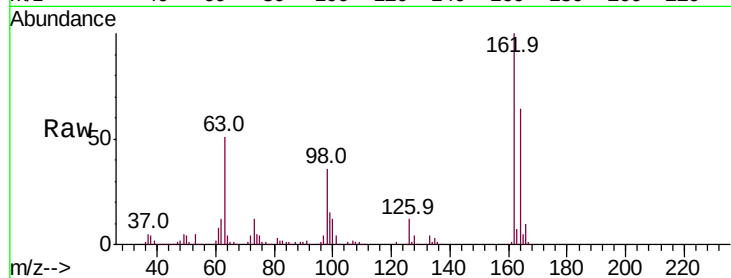
ClientSampleId :

PB119394BS

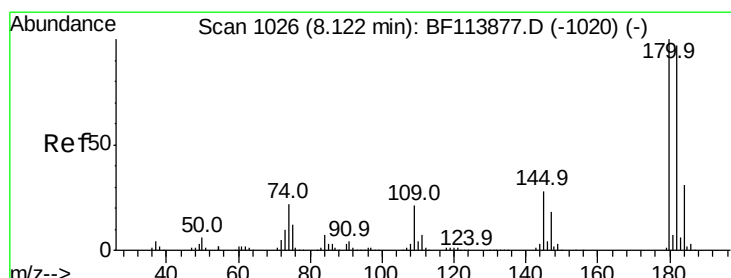
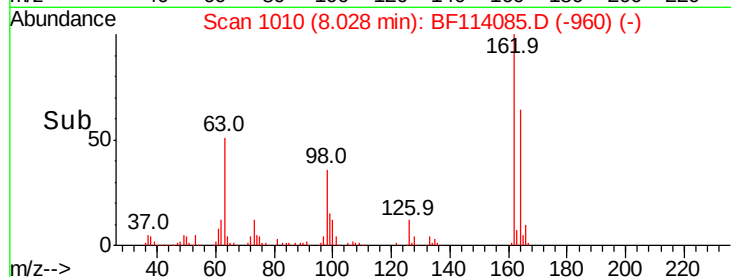
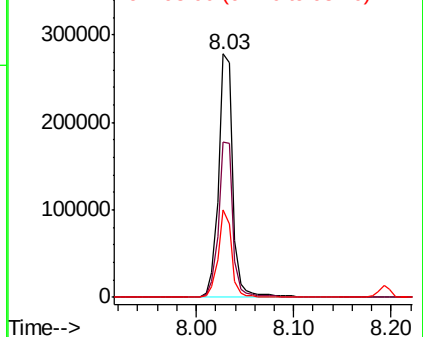
Tot Ion:	162	Resp:	283880
Ion Ratio	Lower	Upper	
162	100		
164	63.8	43.7	83.7
98	35.7	15.5	55.5

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5/3/2019 4:33:00 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.476 ng

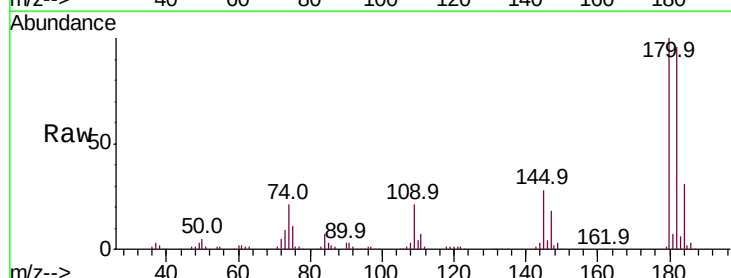
RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

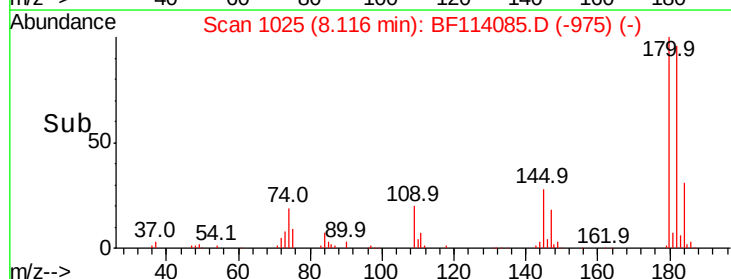
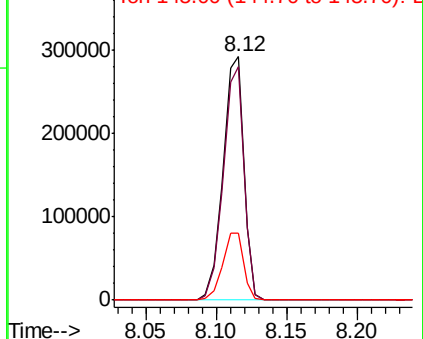
Lab File: BF114085.D

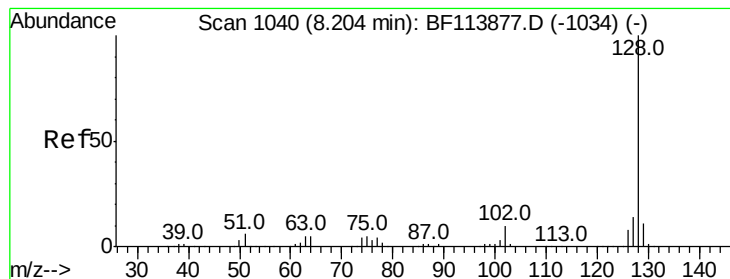
Acq: 2 May 2019 15:29

Tgt Ion:	180	Resp:	300939
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.4	113.0
145	27.8	23.0	34.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.363 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

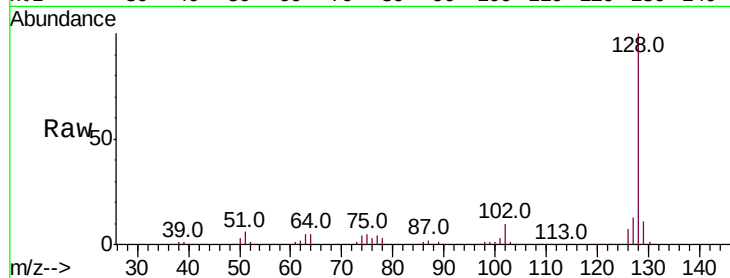
ClientSampleId :

PB119394BS

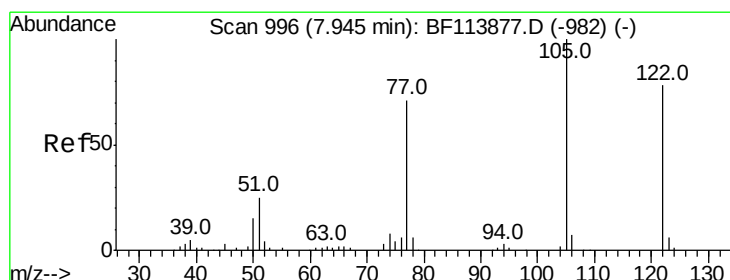
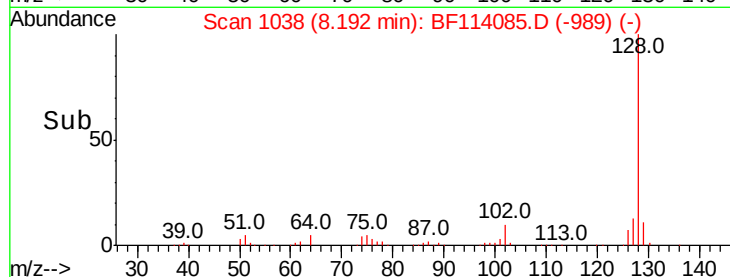
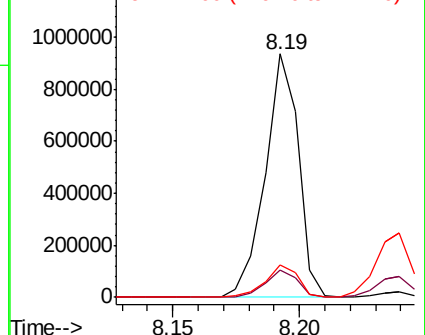
Tot Ion	128	Resp	861416
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.4	14.0
127	13.2	10.8	16.2

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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: 46.659 ng

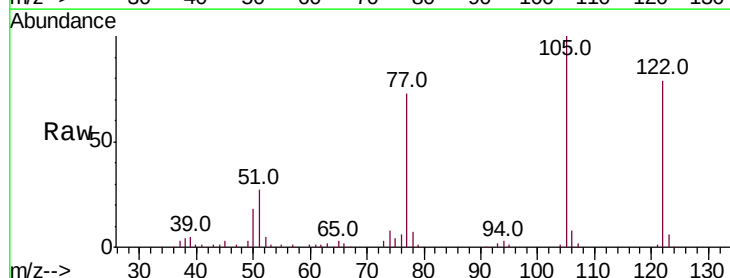
RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

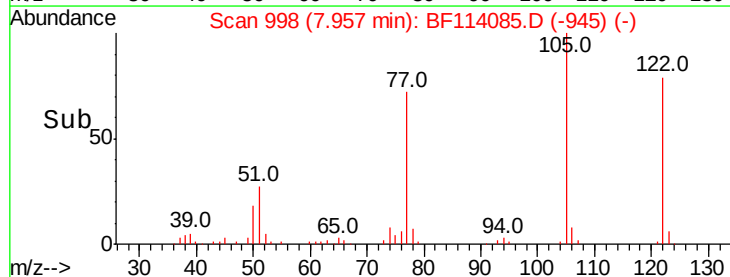
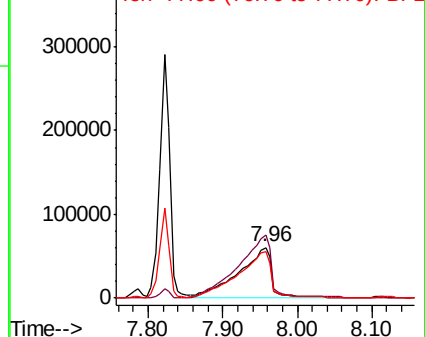
Lab File: BF114085.D

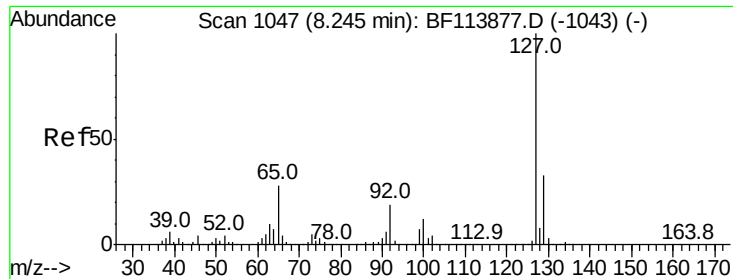
Acq: 2 May 2019 15:29

Tgt Ion	122	Resp	183739
Ion Ratio	Lower	Upper	
122	100		
105	126.6	104.3	144.3
77	92.9	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





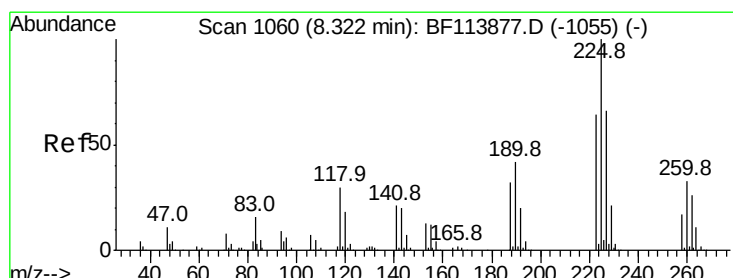
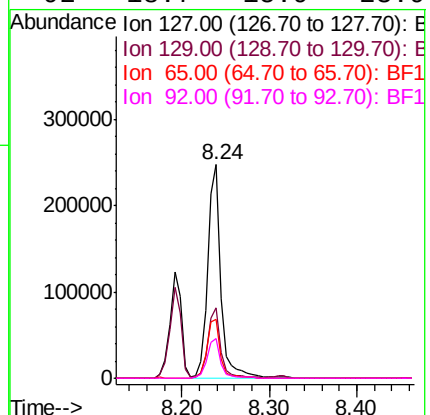
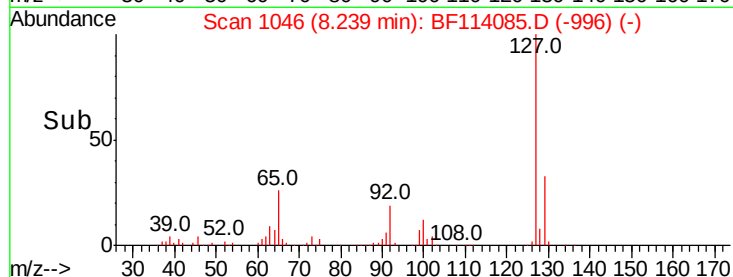
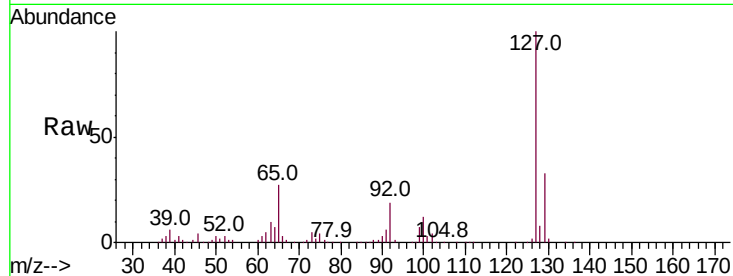
#33
4-Chloroaniline
Concen: 29.558 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.4	39.6	
65	27.3	24.9	37.3	
92	18.7	15.9	23.9	

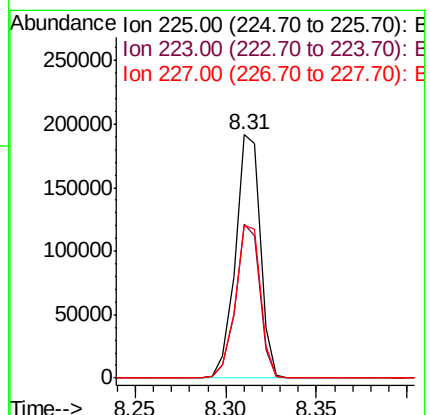
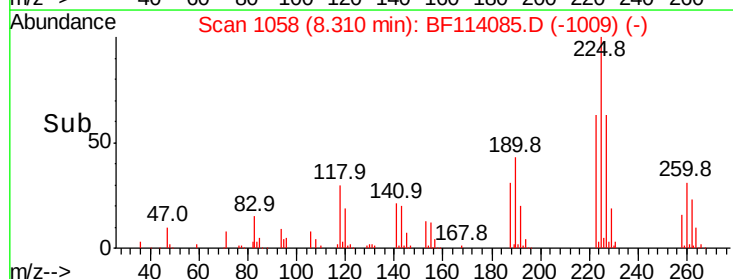
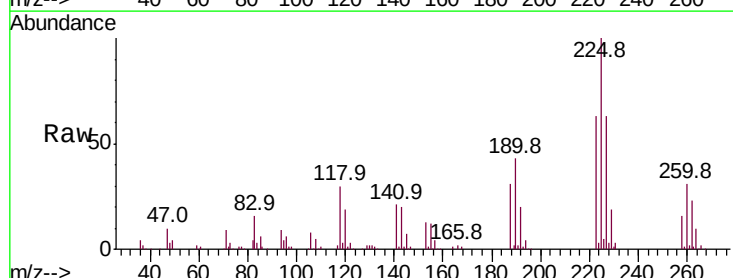
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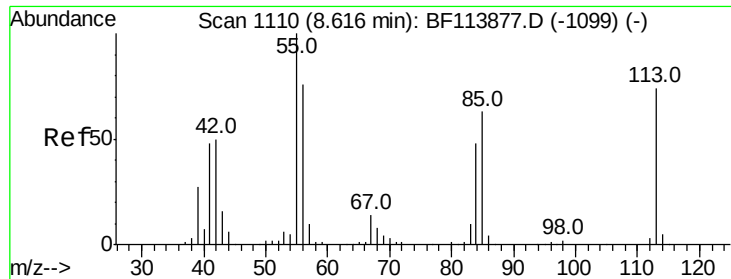
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#34
Hexachlorobutadiene
Concen: 39.571 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	51.1	76.7	
227	62.6	49.9	74.9	





#35

Caprolactam

Concen: 41.423 ng/ml

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

Tot Ion:113 Resp: 87867

Ion Ratio Lower Upper

113 100

55 132.6 128.6 168.6

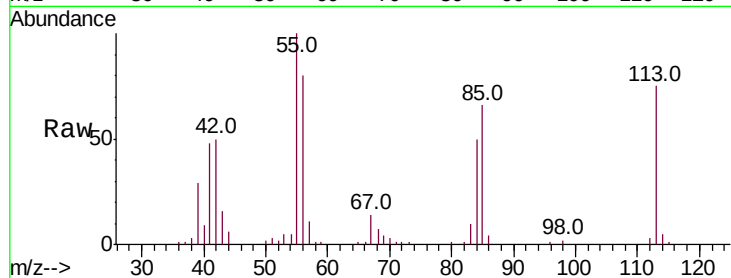
56 105.7 91.9 131.9

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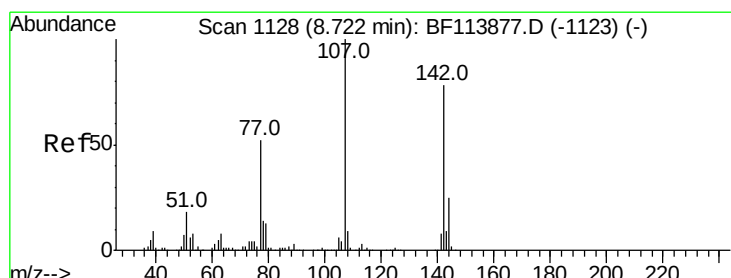
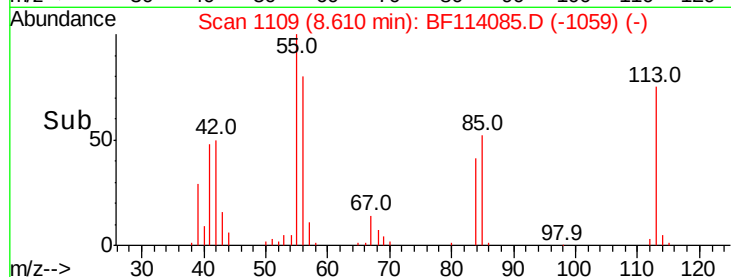
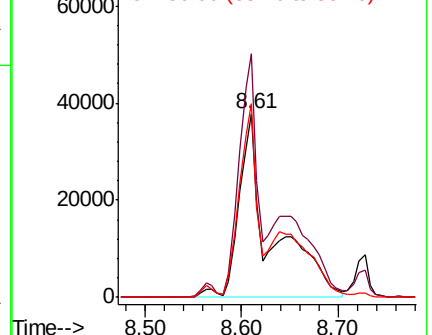
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.824 ng/ml

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

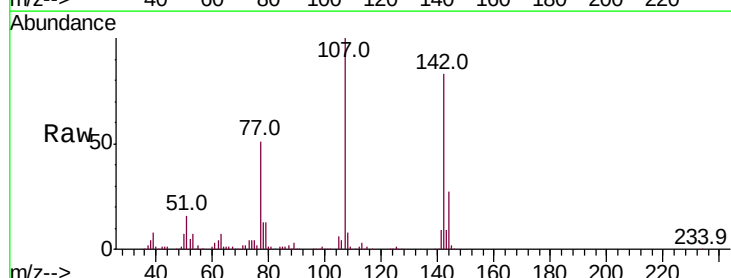
Tgt Ion:107 Resp: 282907

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

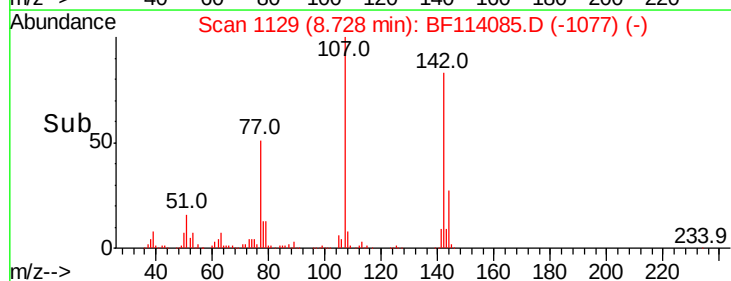
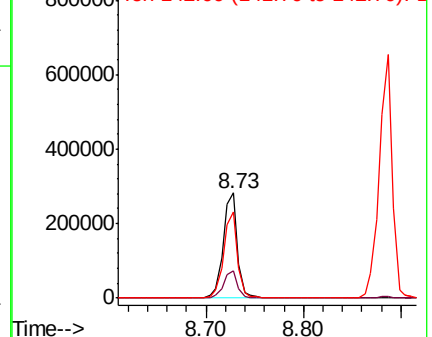
142 82.6 64.2 96.4

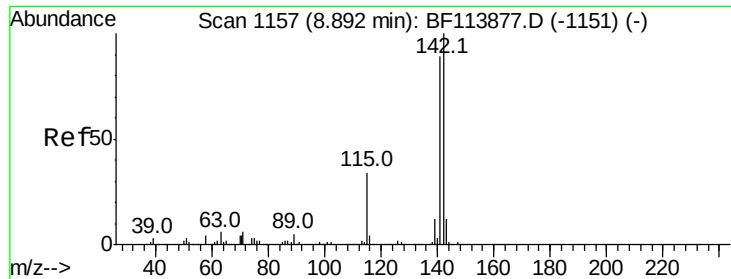


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





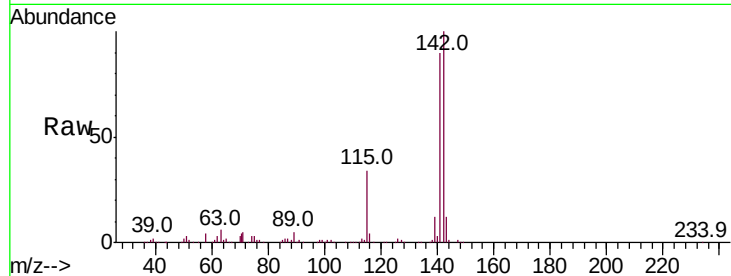
#37
2-Methylnaphthalene
Concen: 43.134 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	605755		
141	90.1	70.4	105.6	
115	34.1	26.3	39.5	

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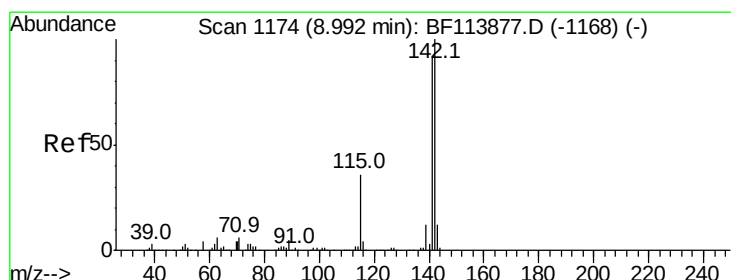
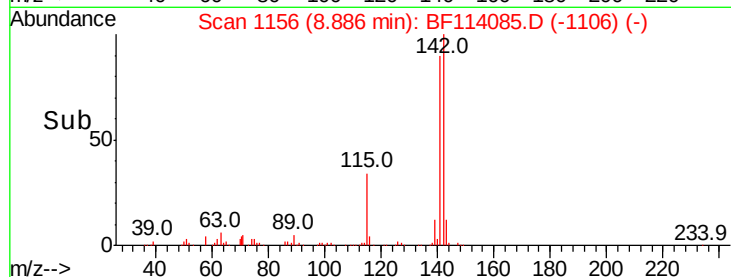
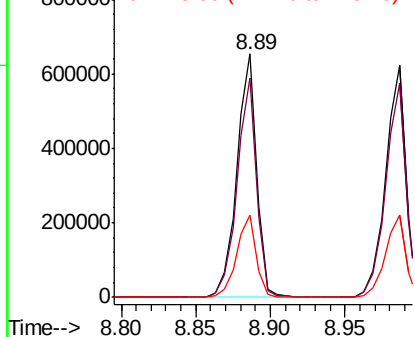


Abundance

Ion 142.00 (141.70 to 142.70): E

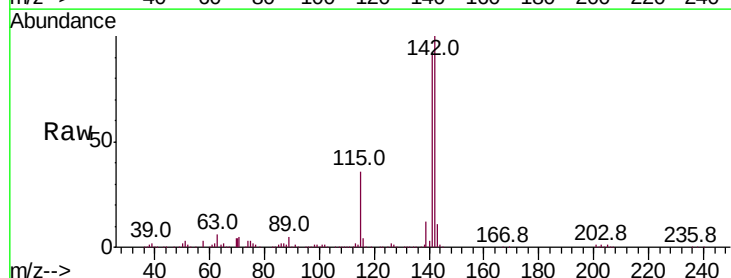
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.464 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	575571		
141	91.8	72.3	108.5	
116	3.7	3.0	4.4	

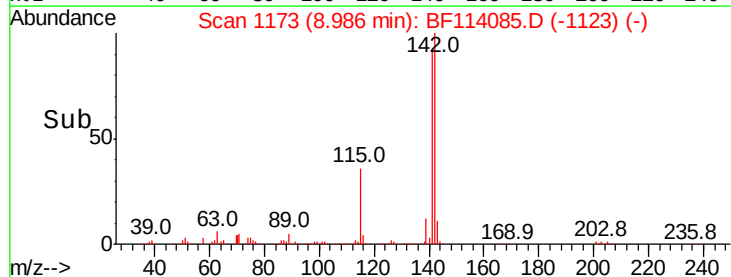
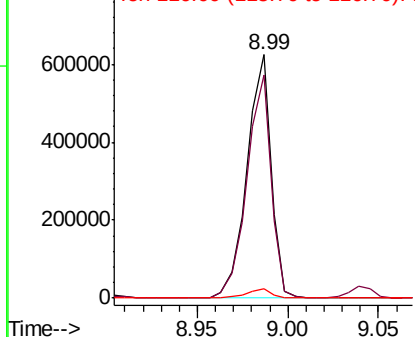


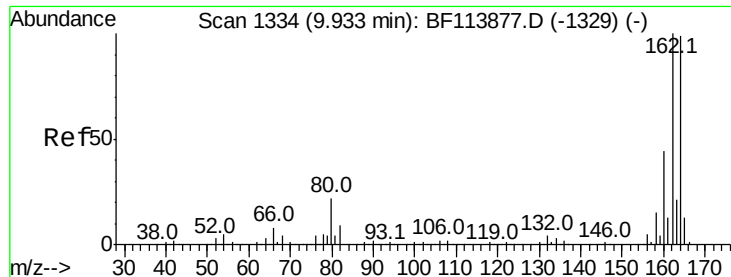
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





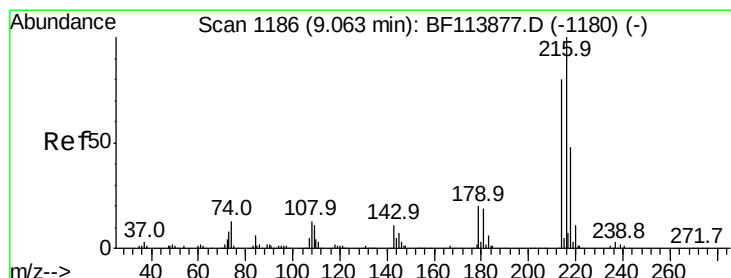
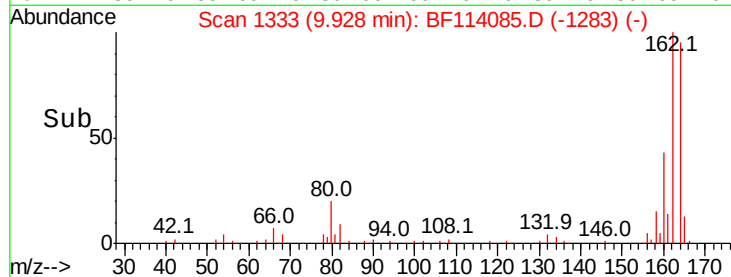
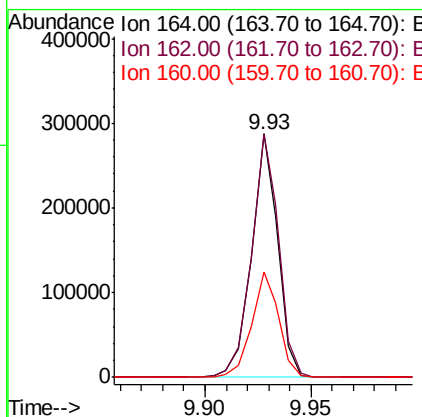
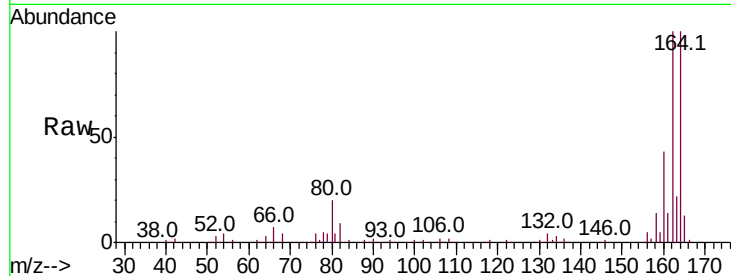
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	247067		
162	99.8	81.1	121.7	
160	43.1	35.8	53.6	

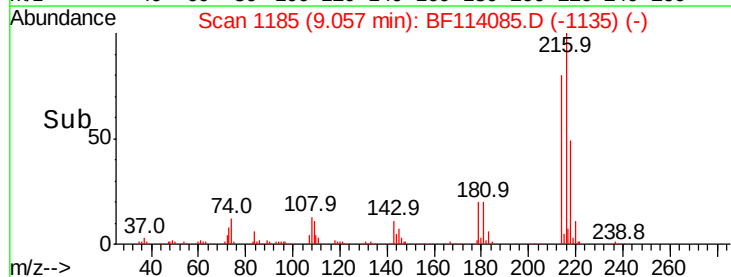
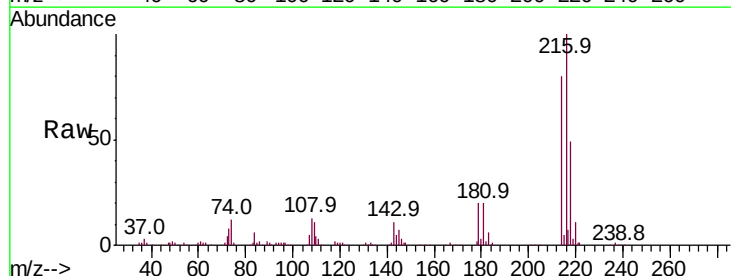
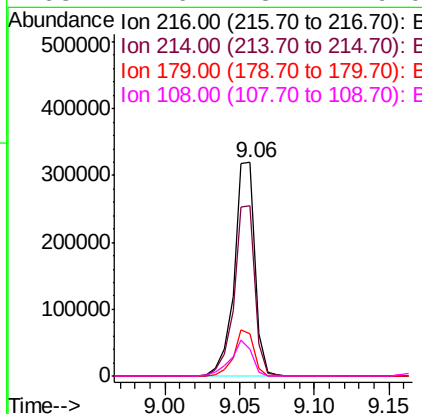
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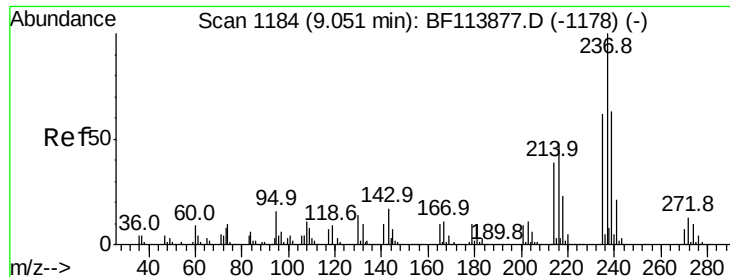
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.696 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	310552		
214	80.0	63.5	95.3	
179	20.8	16.1	24.1	
108	17.6	13.4	20.0	





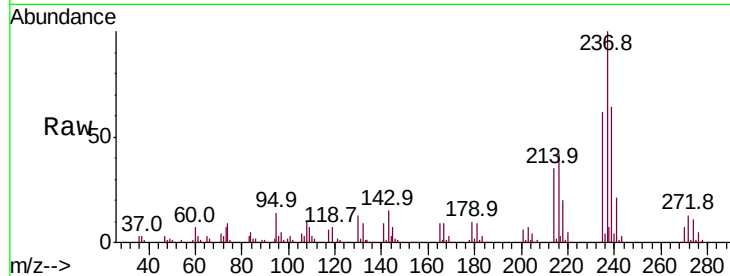
#41
 Hexachlorocyclopentadiene
 Concen: 59.769 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

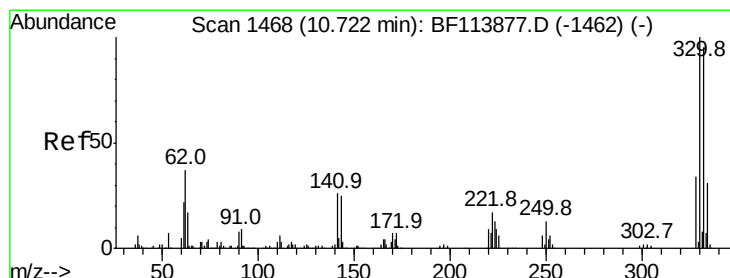
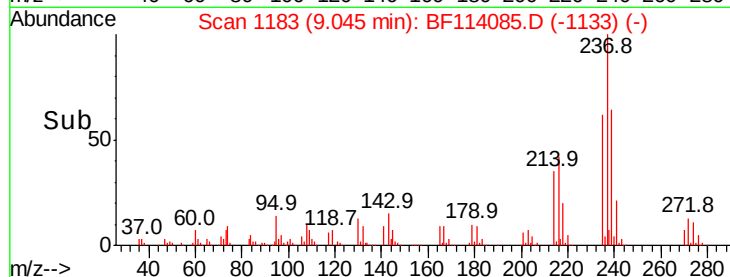
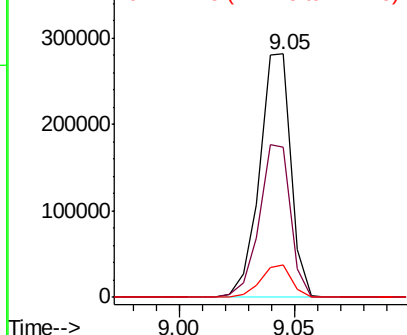
Tot Ion	Ratio	Resp	Lower	Upper
237	100	267489		
235	61.8	42.6	82.6	
272	13.4	0.0	33.8	

Manual Integrations
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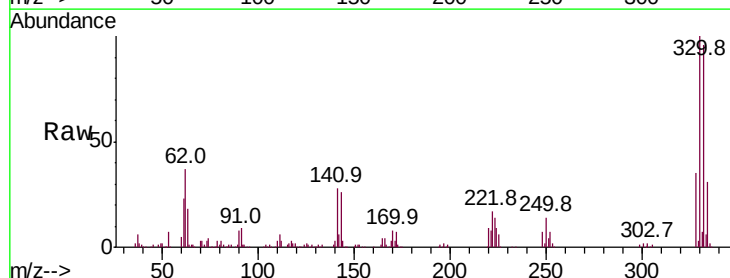


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

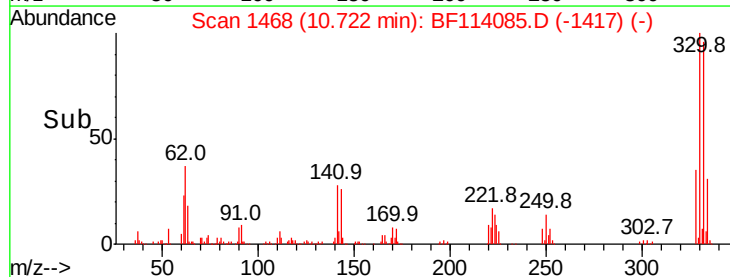
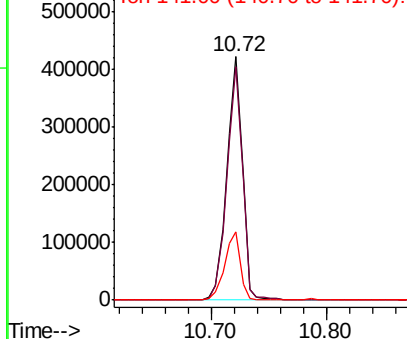


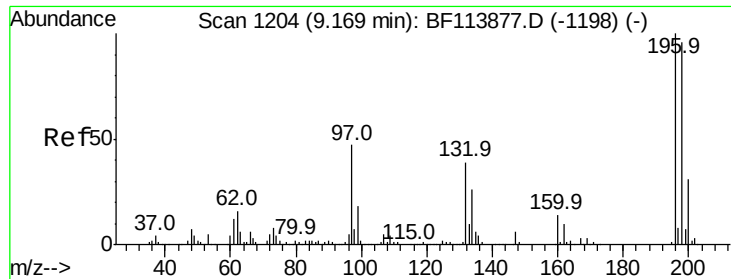
#42
 2,4,6-Tribromophenol
 Concen: 131.847 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	396832		
332	96.0	77.5	116.3	
141	28.0	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





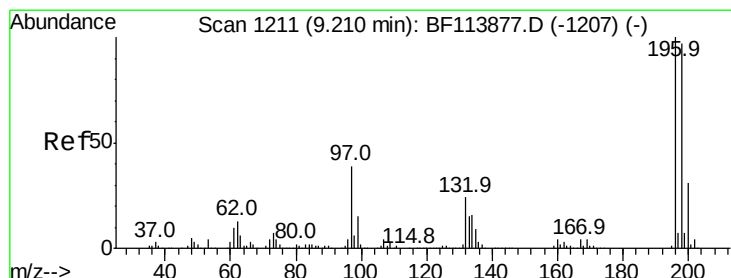
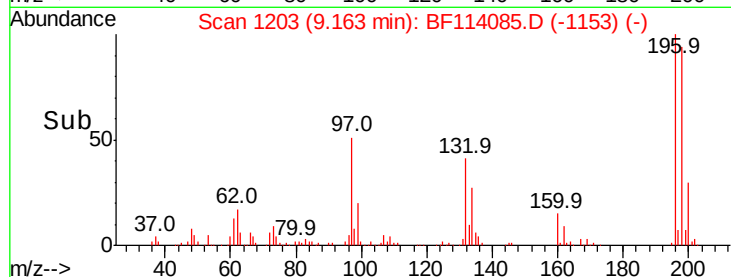
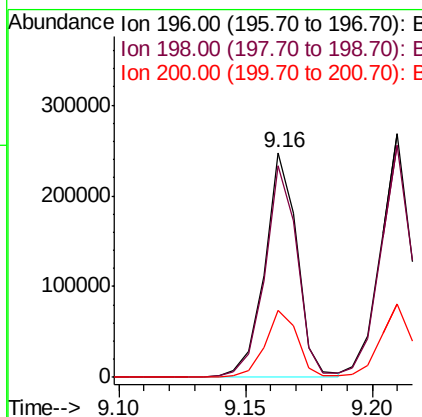
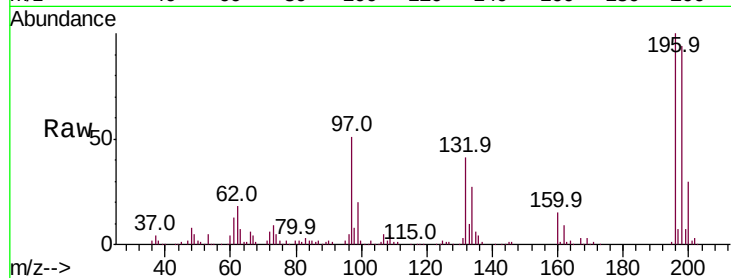
#43
 2,4,6-Trichlorophenol
 Concen: 42.989 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Instrument :
 BNA_F
 ClientSampled :
 PB119394BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	219079		
198	94.1	75.6	113.4	
200	30.1	24.7	37.1	

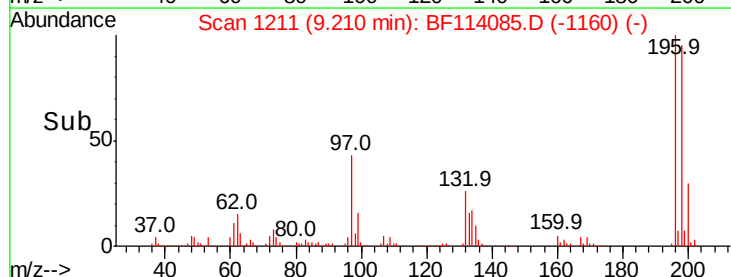
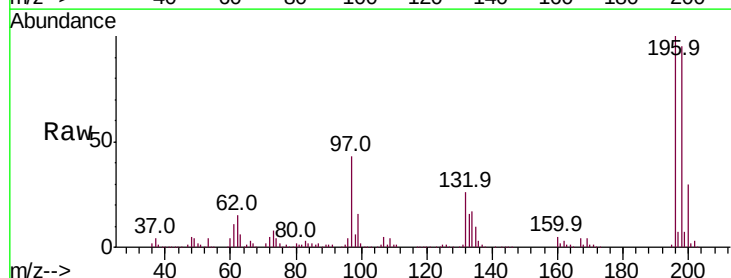
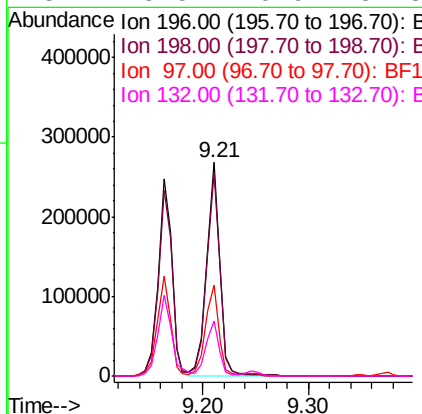
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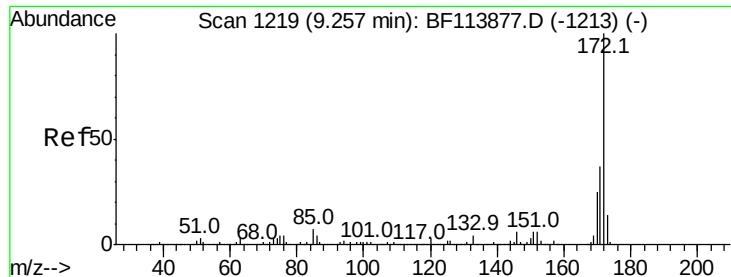
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 40.693 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232604		
198	95.2	76.2	114.4	
97	42.7	35.8	53.8	
132	25.5	20.9	31.3	





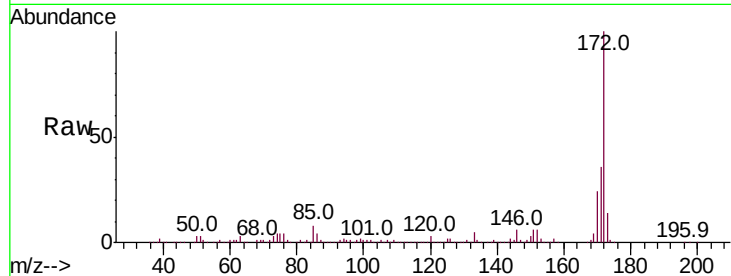
#45
2-Fluorobiphenyl
Concen: 78.360 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.4	19.9	29.9

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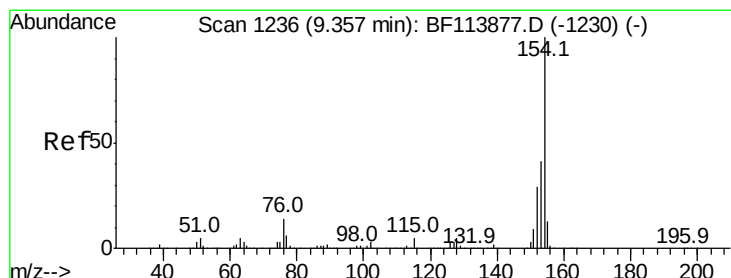
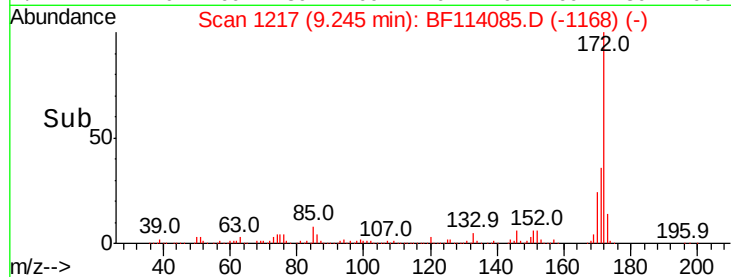
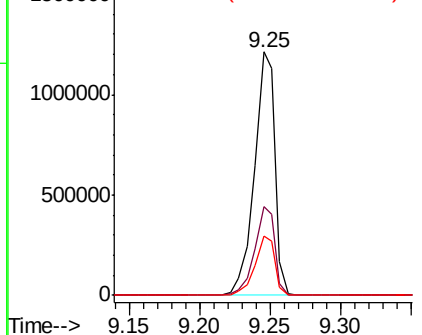


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.304 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

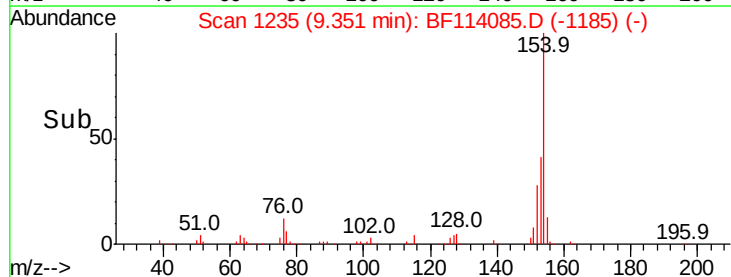
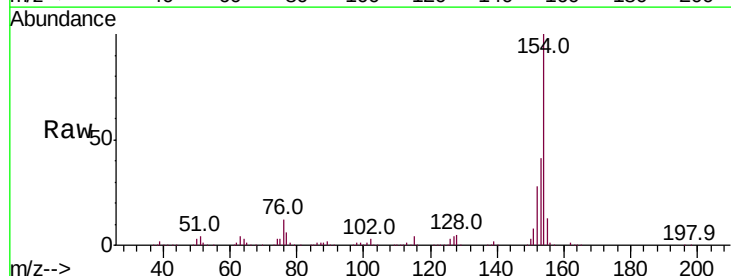
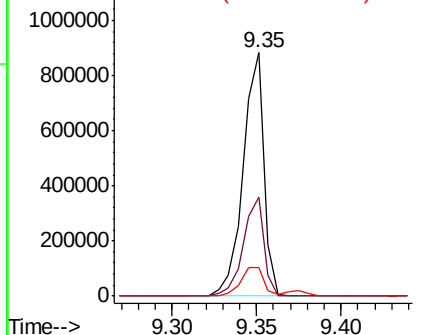
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	12.0	0.0	35.2

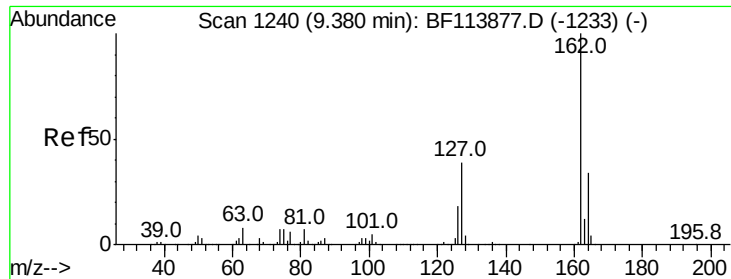
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





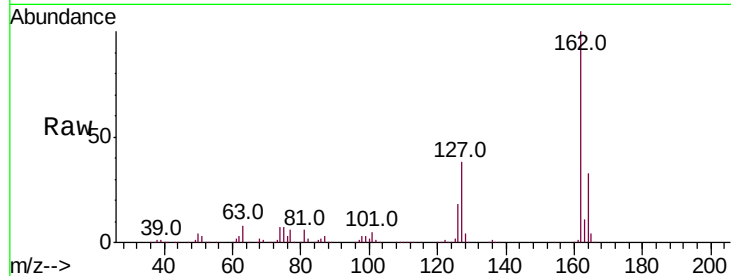
#47
2-Chloronaphthalene
Concen: 40.068 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

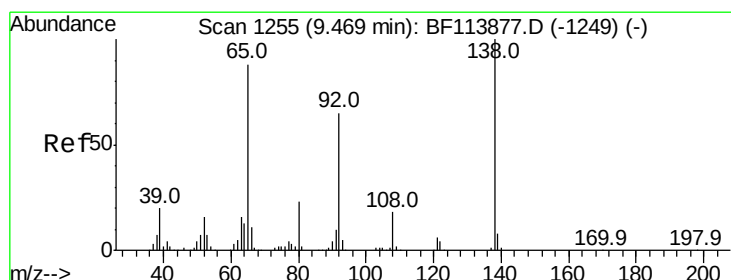
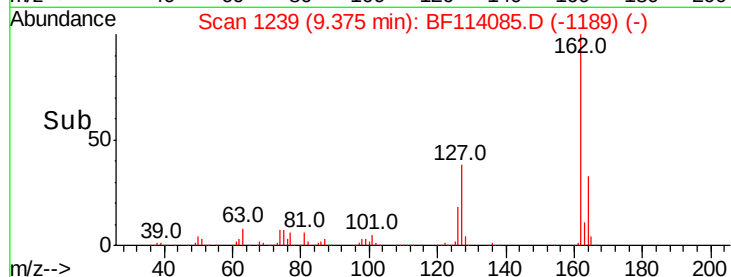
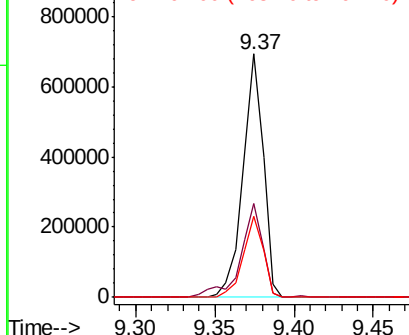
Tot Ion	Ratio	Resp	Lower	Upper
162	100	614991		
127	38.5	29.3	43.9	
164	33.0	27.1	40.7	

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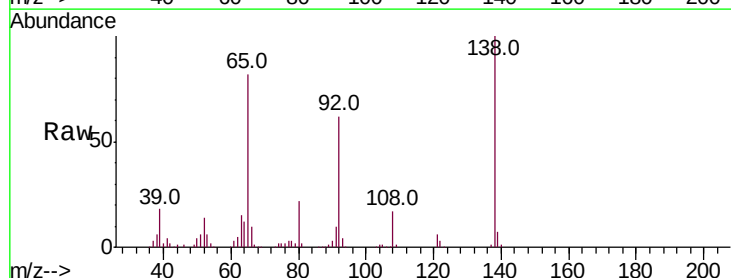


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

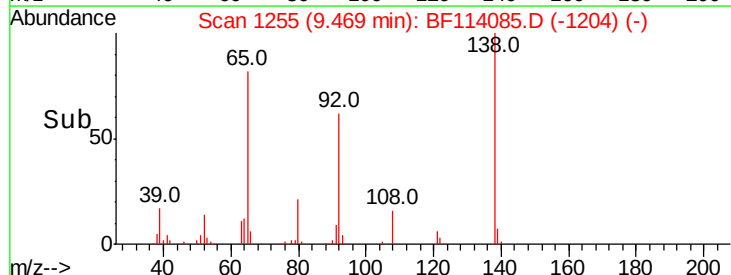
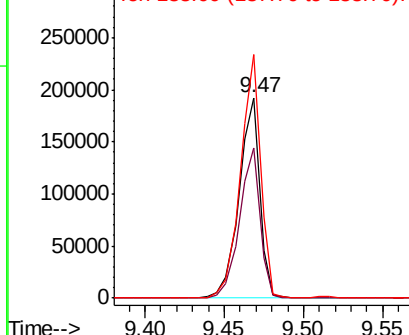


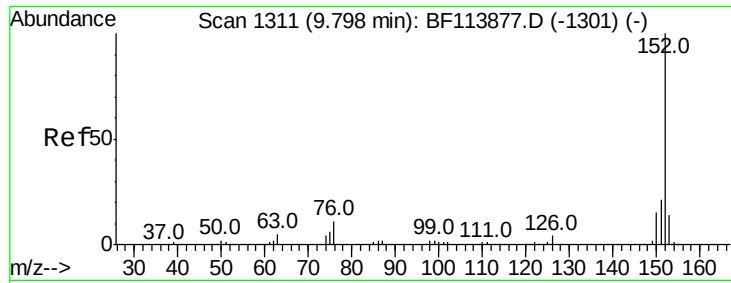
#48
2-Nitroaniline
Concen: 43.222 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	173911		
92	74.6	57.4	86.0	
138	121.3	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: 39.261 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

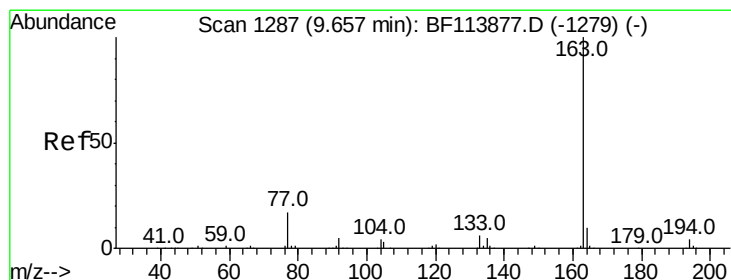
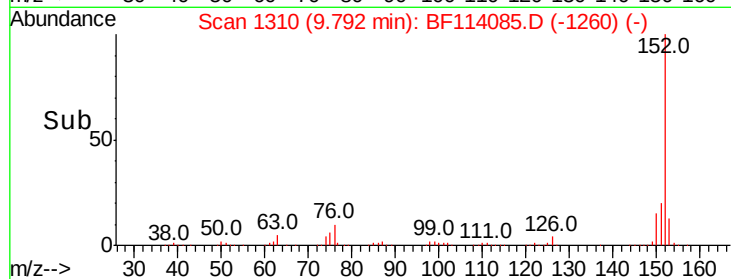
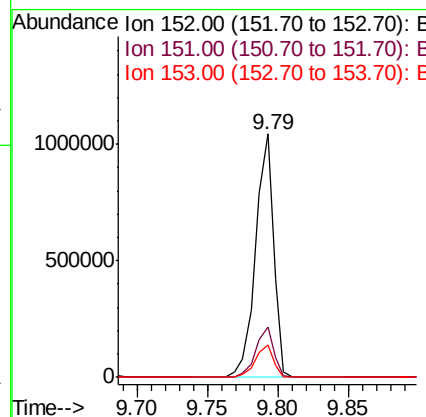
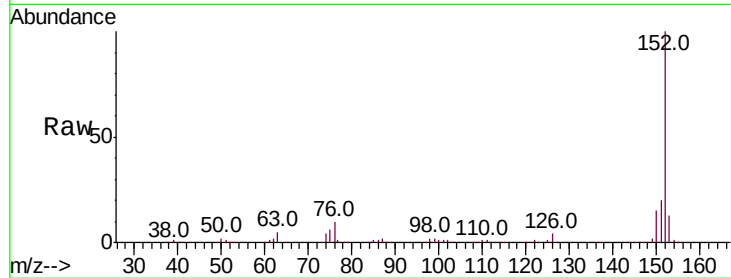
ClientSampled :

PB119394BS

Tot Ion:	152	Resp:	943389
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.0	25.4
153	13.4	11.0	16.6

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#50

Dimethylphthalate

Concen: 41.806 ng

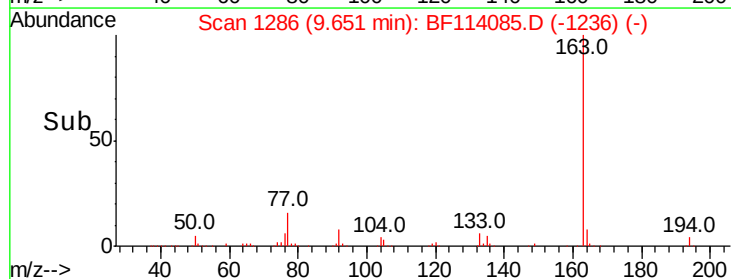
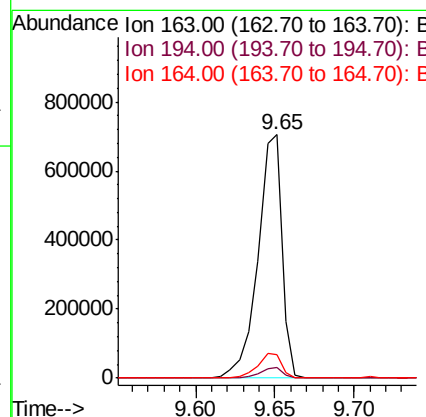
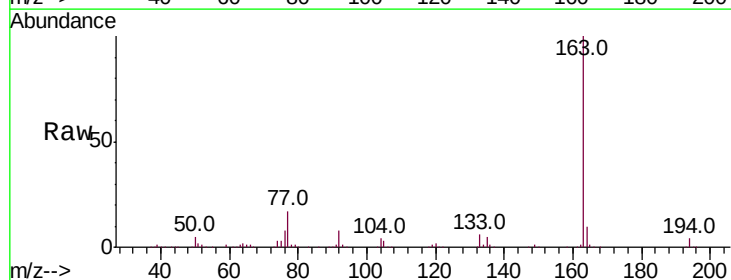
RT: 9.65 min Scan# 1286

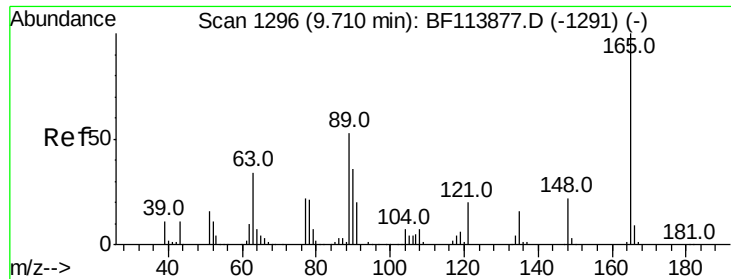
Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Tgt Ion:	163	Resp:	747009
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	9.9	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 43.874 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

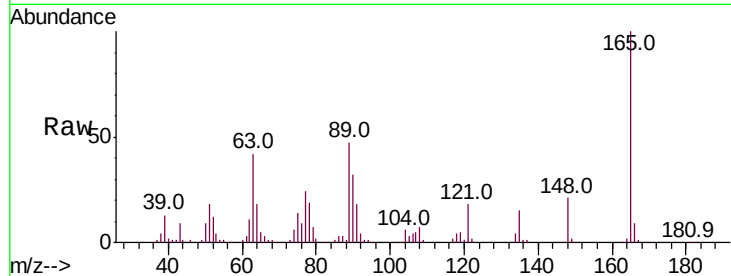
ClientSampleId :

PB119394BS

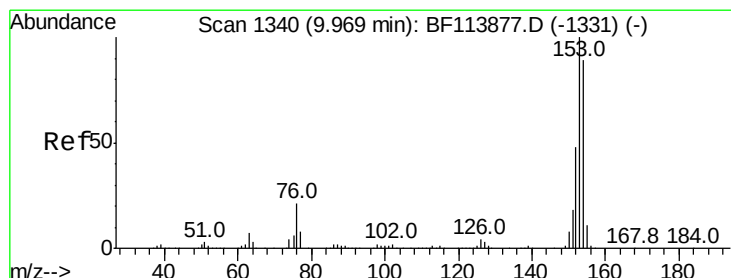
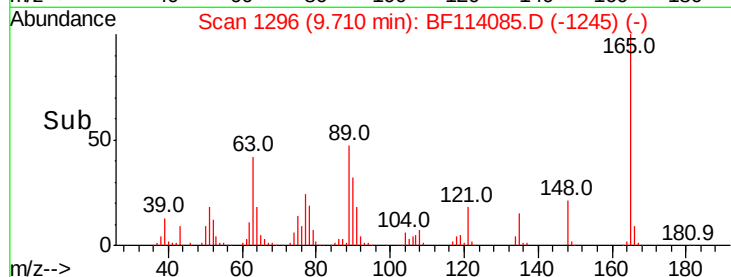
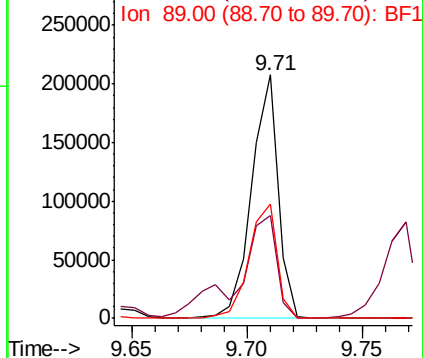
Tot Ion:	165	Resp:	168186
Ion Ratio	Lower	Upper	
165	100		
63	42.0	33.8	50.8
89	46.9	38.2	57.2

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.990 ng

RT: 9.96 min Scan# 1339

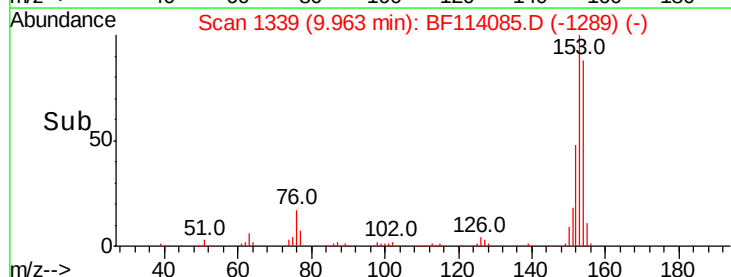
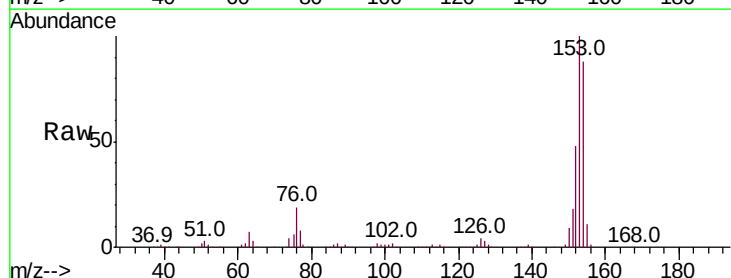
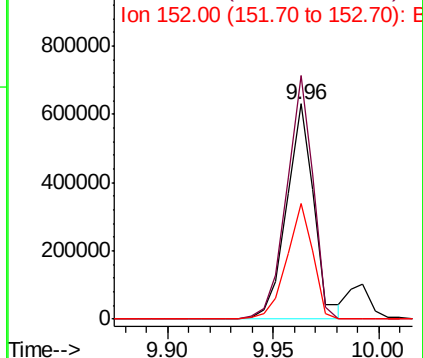
Delta R.T. -0.01 min

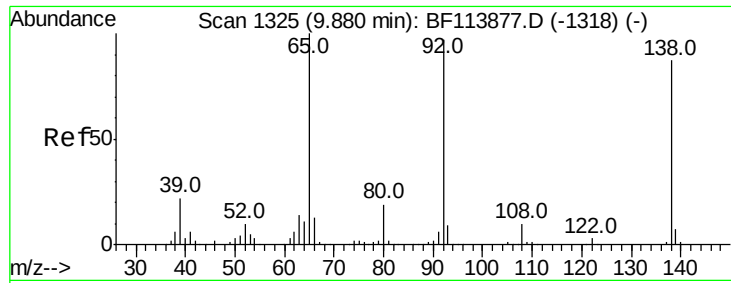
Lab File: BF114085.D

Acq: 2 May 2019 15:29

Tgt Ion:	154	Resp:	567887
Ion Ratio	Lower	Upper	
154	100		
153	113.2	87.2	130.8
152	54.0	42.3	63.5

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





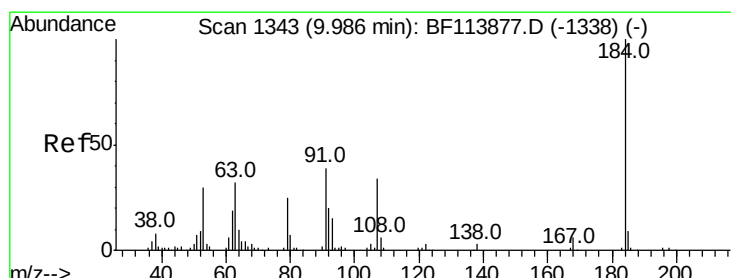
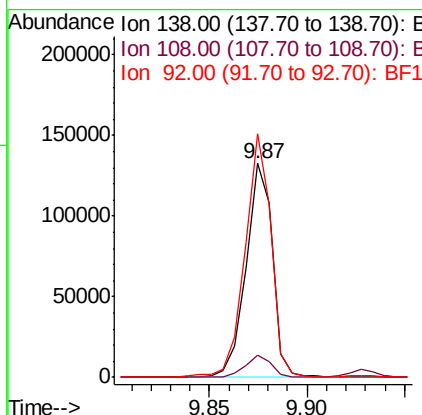
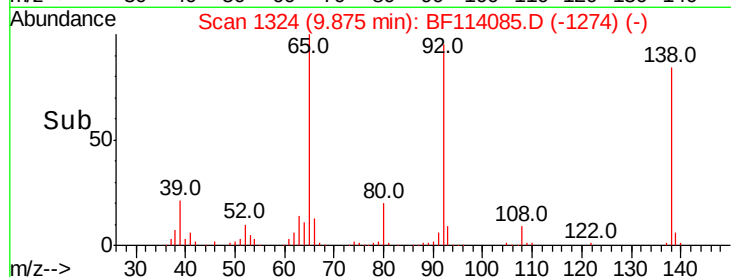
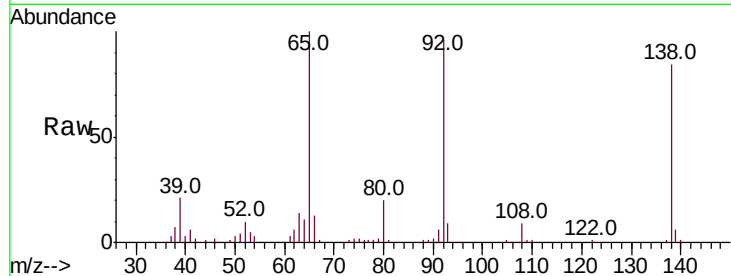
#53
 3-Nitroaniline
 Concen: 30.923 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.2
92	113.7	94.1	141.1

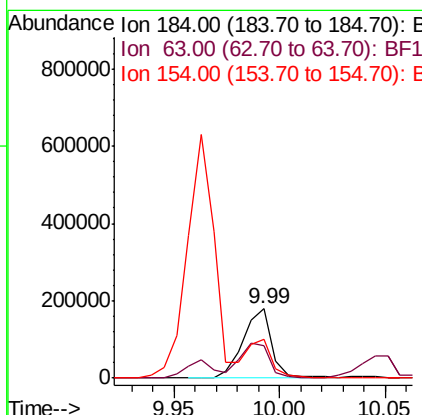
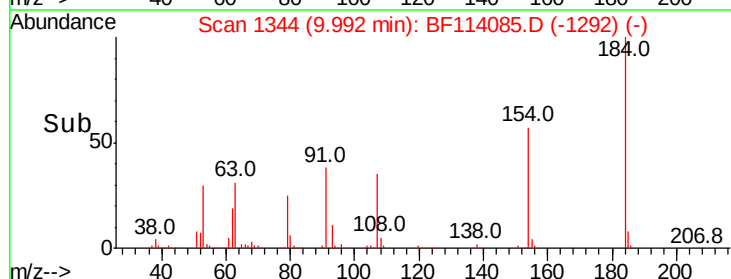
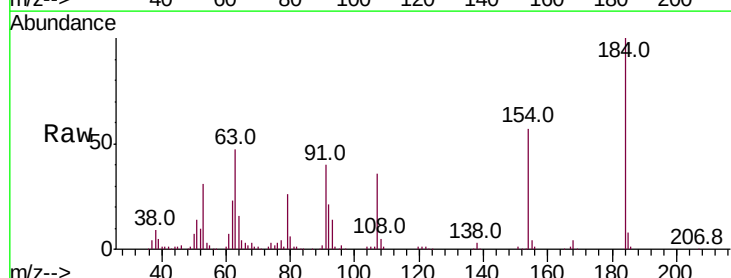
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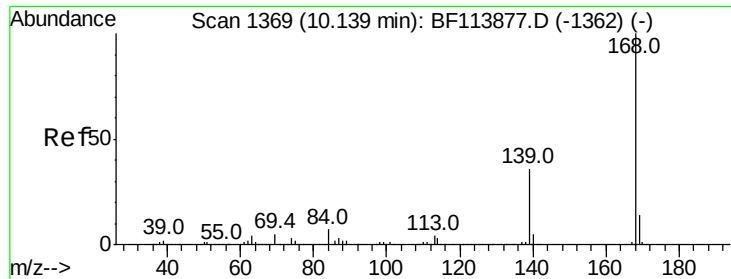
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 100.071 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.1	54.6	81.8#
154	56.7	218.6	328.0#





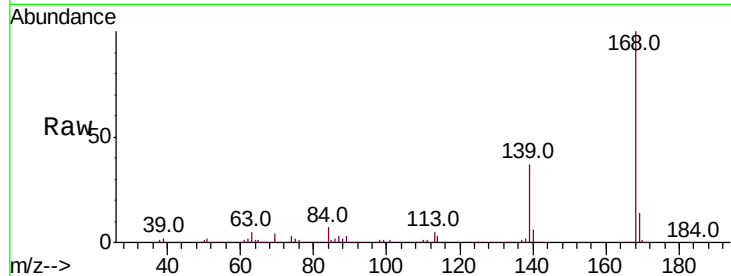
#55
Dibenzofuran
Concen: 41.271 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	27.8	41.6
169	13.7	11.0	16.6

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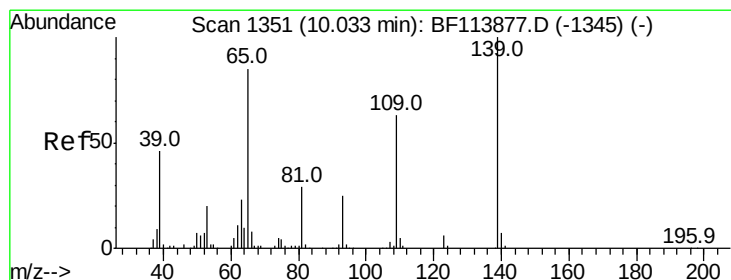
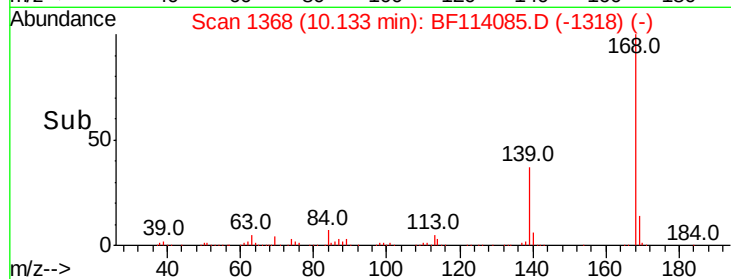
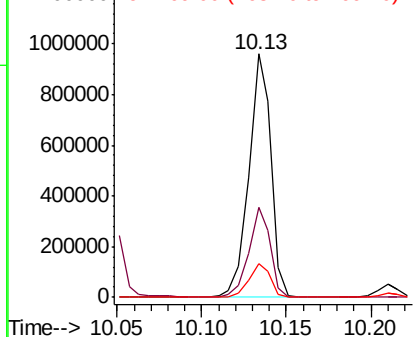


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 83.654 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

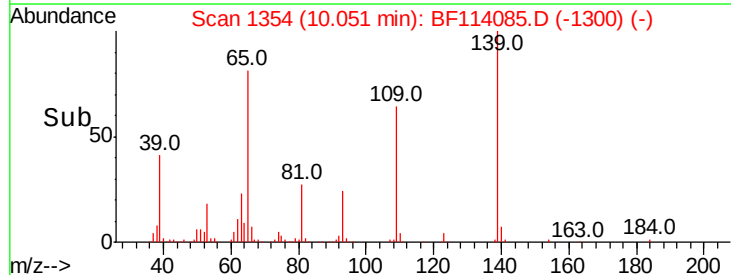
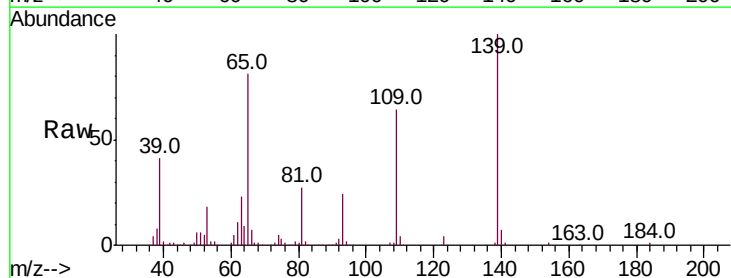
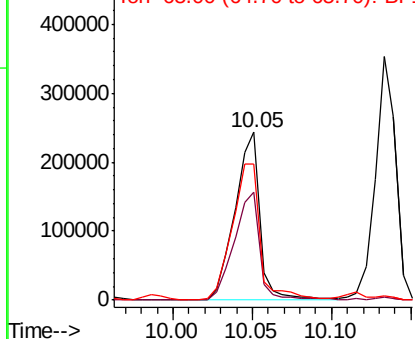
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.2	42.9	82.9
65	80.8	64.4	104.4

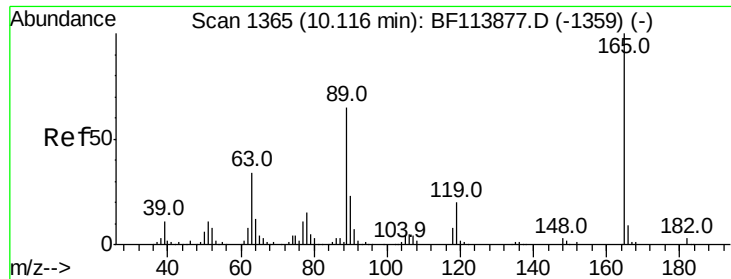
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





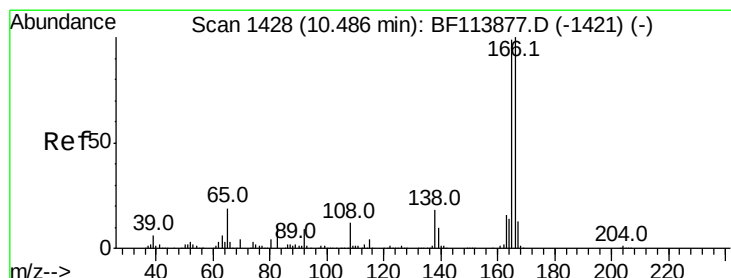
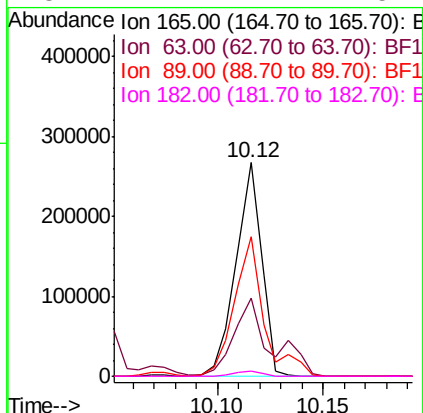
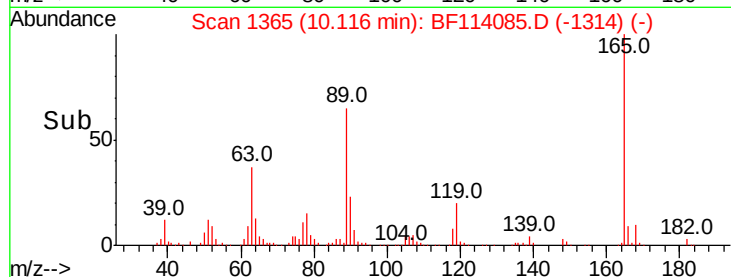
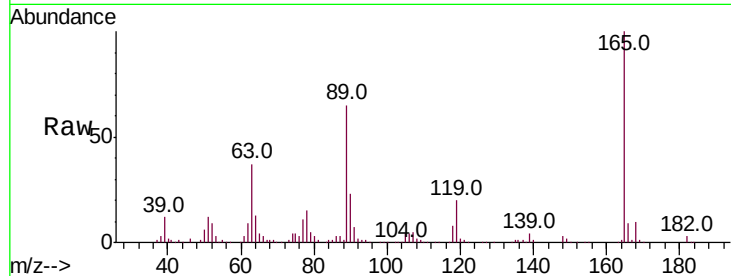
#57
2,4-Dinitrotoluene
Concen: 46.464 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	224821		
63	36.8	27.4	41.0	
89	65.2	51.8	77.6	
182	2.7	2.2	3.2	

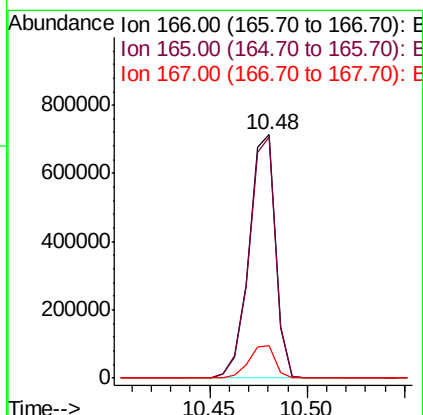
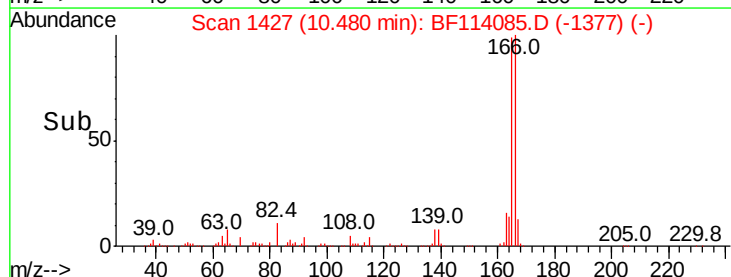
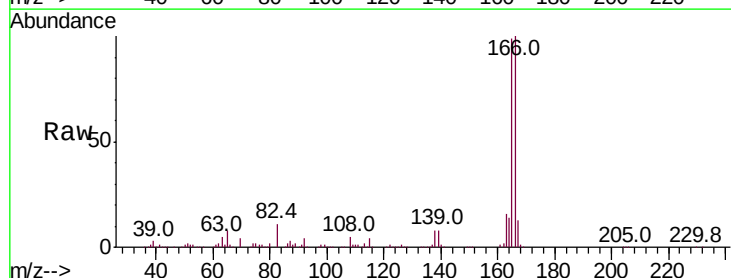
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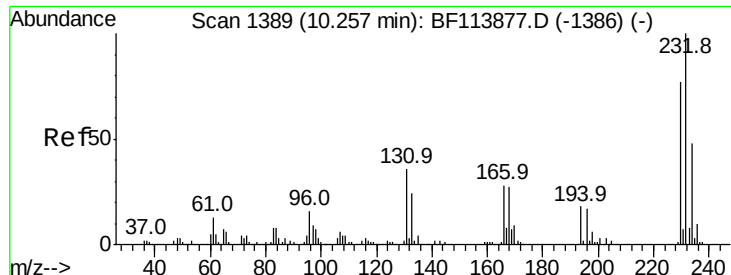
Sohil
5/3/2019 4:33:00 PM



#58
Fluorene
Concen: 41.955 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	671906		
165	99.2	78.4	117.6	
167	13.4	10.9	16.3	





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.489 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

Tot Ion:232 Resp: 203389

Ion Ratio Lower Upper

232 100

131 39.5 30.2 45.2

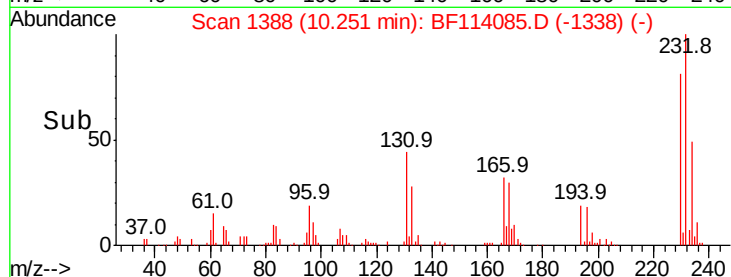
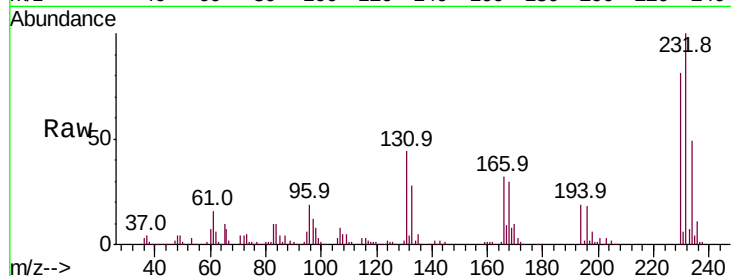
130 1.9 1.5 2.3

166 28.3 22.2 33.4

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5/3/2019 4:33:00 PM

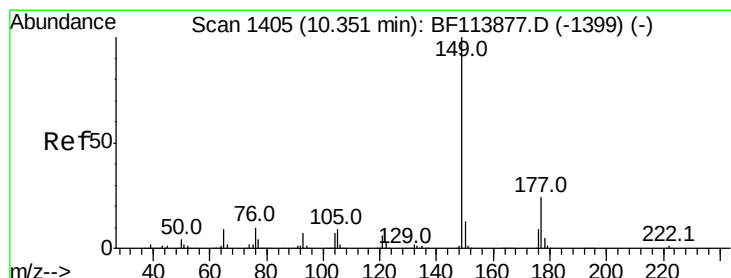
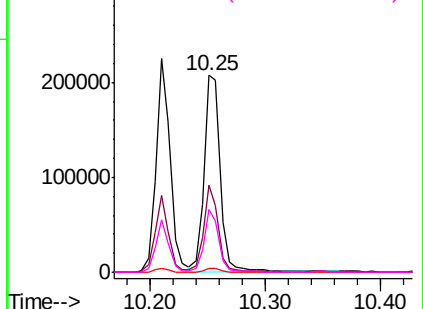


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.829 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

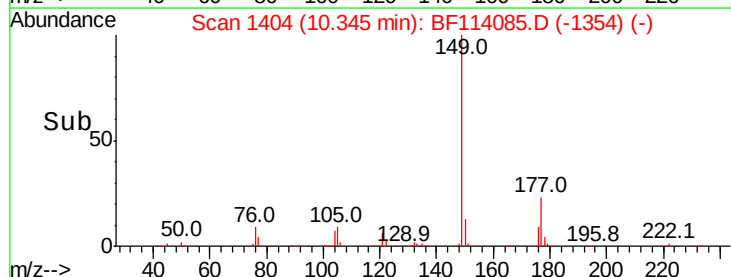
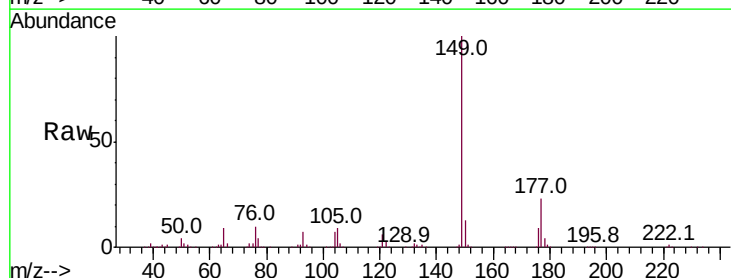
Tgt Ion:149 Resp: 726726

Ion Ratio Lower Upper

149 100

177 23.1 19.2 28.8

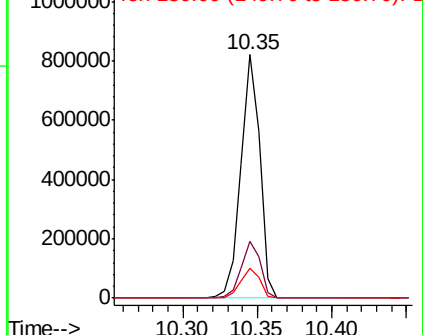
150 12.5 10.3 15.5

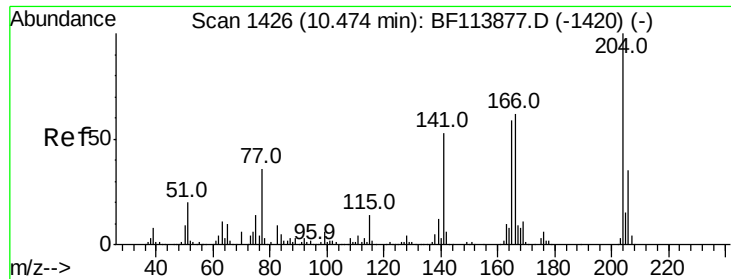


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





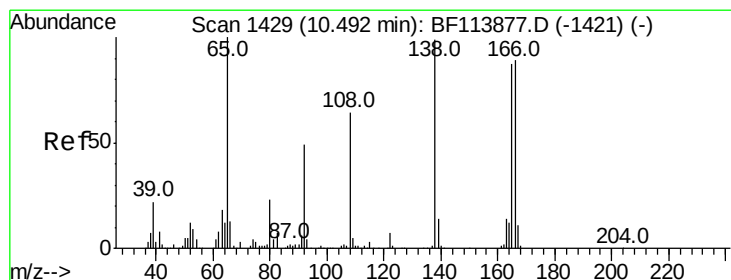
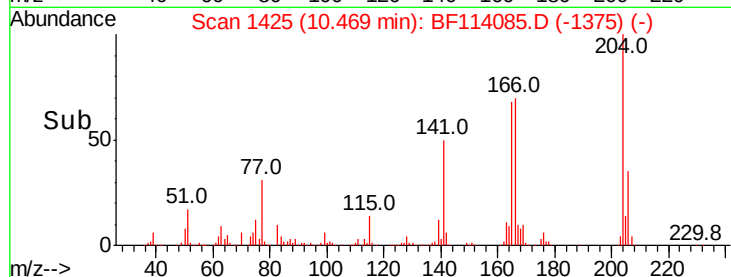
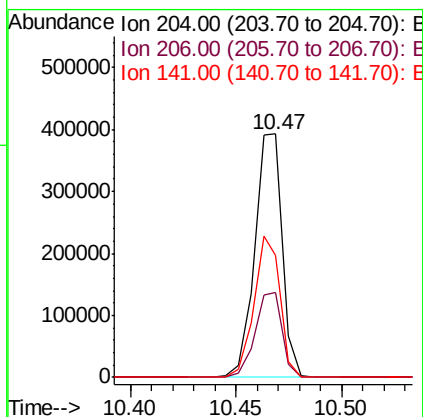
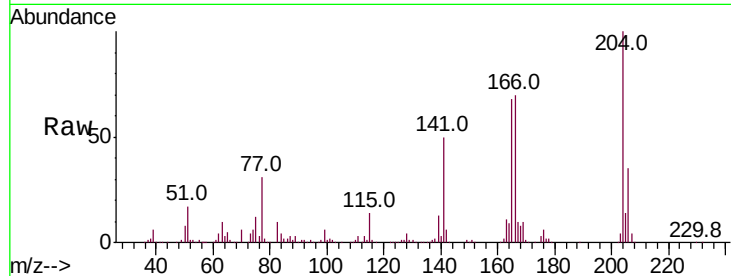
#61
4-Chlorophenyl-phenylether
Concen: 42.084 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampled :
PB119394BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.4	41.2
141	50.2	42.6	63.8

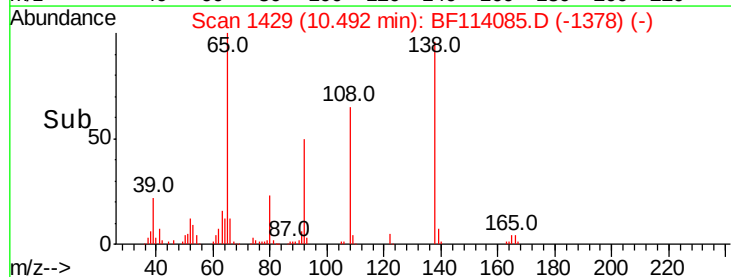
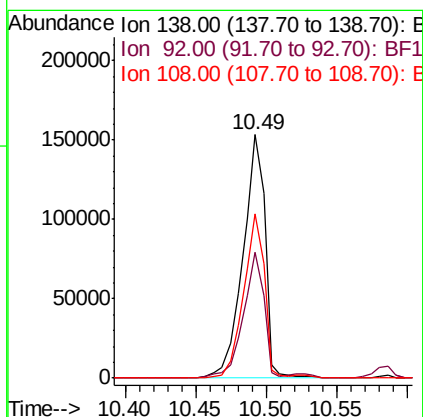
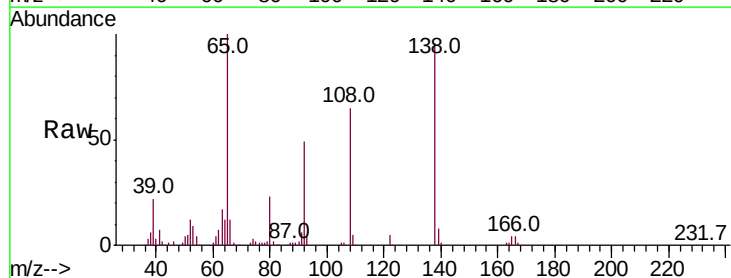
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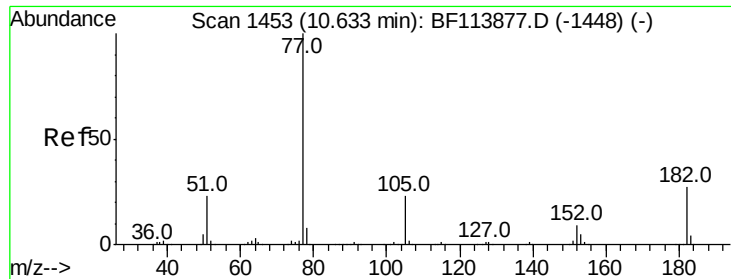
Sohil
5/3/2019 4:33:00 PM



#62
4-Nitroaniline
Concen: 42.532 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.3	71.3
108	67.6	48.9	88.9





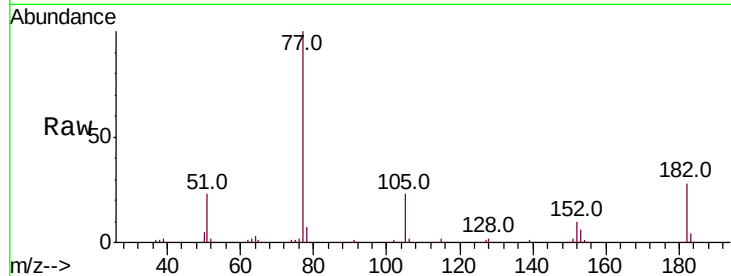
#63
Azobenzene
Concen: 40.466 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		665480		
182	28.3	4.4	44.4		
105	22.7	2.2	42.2		
51	23.1	3.9	43.9		

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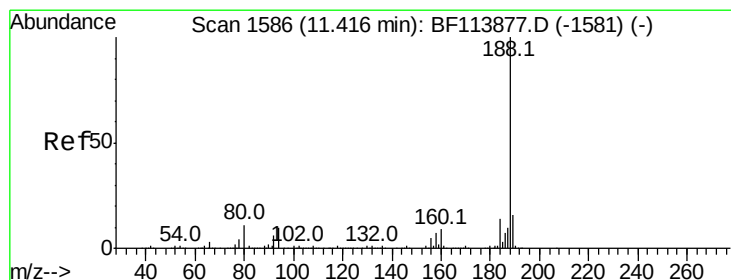
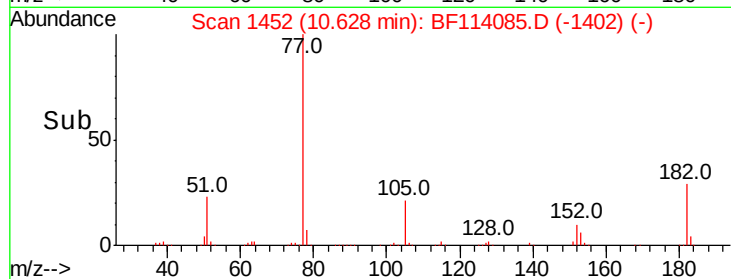
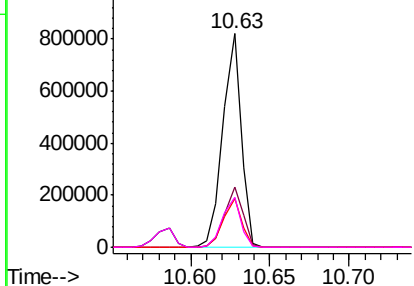
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

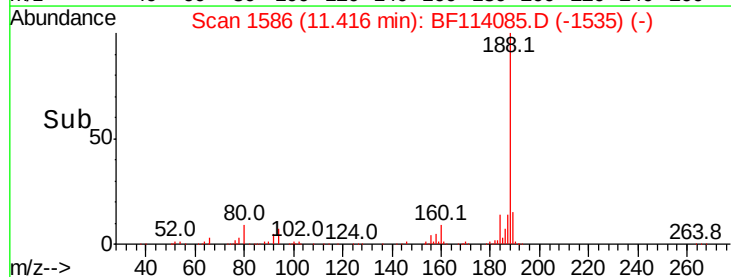
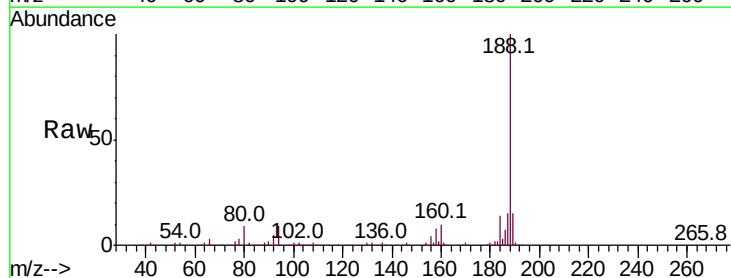
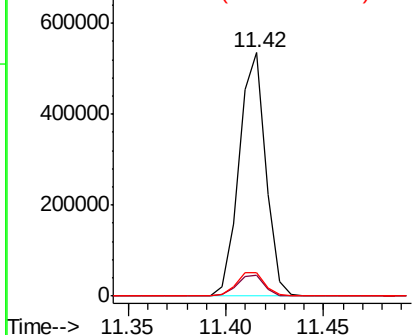
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		504897		
94	8.7	8.2	12.4		
80	9.5	9.0	13.6		

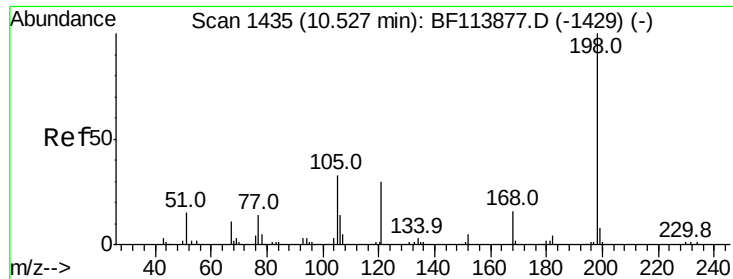
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 48.655 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

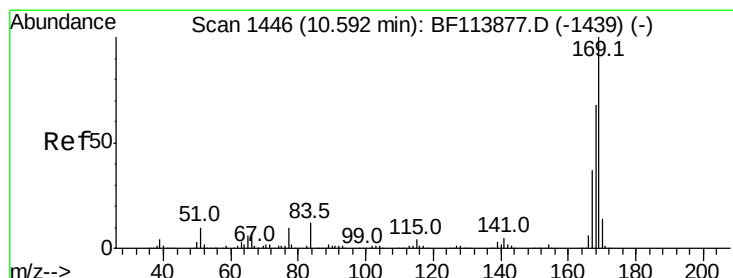
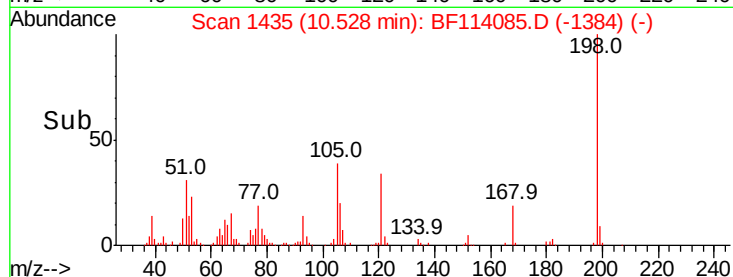
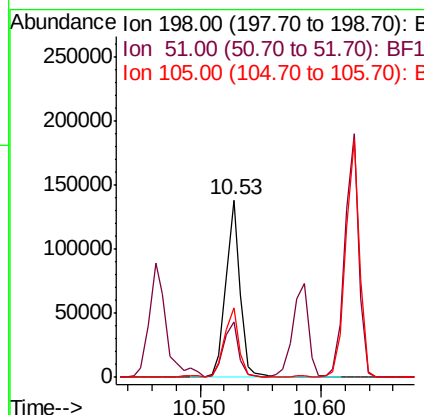
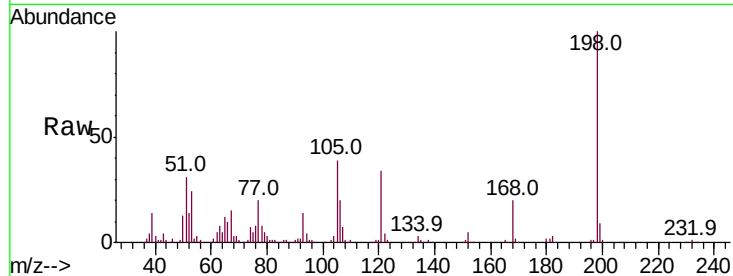
ClientSampleId :

PB119394BS

Tot Ion:	198	Resp:	112869
Ion Ratio	Lower	Upper	
198	100		
51	31.5	11.1	51.1
105	39.4	20.7	60.7

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5/3/2019 4:33:00 PM



#66

n-Nitrosodiphenylamine

Concen: 40.235 ng

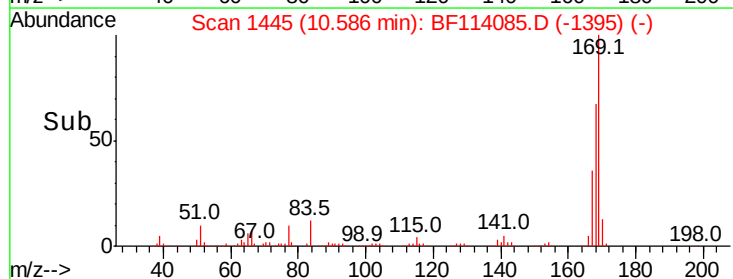
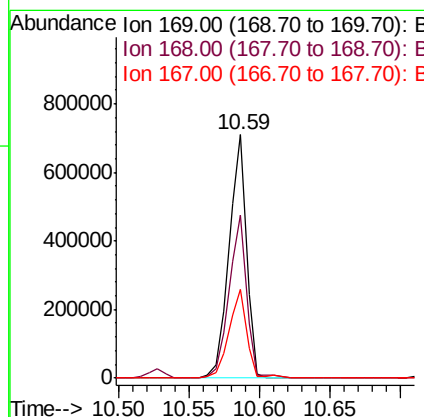
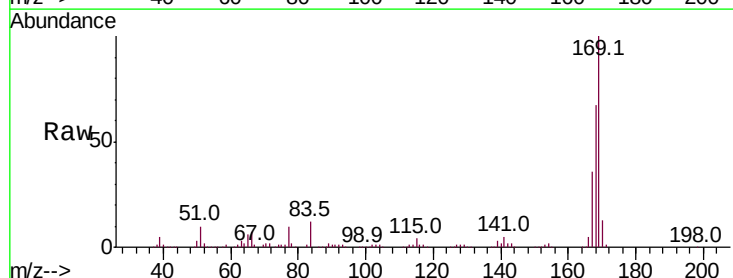
RT: 10.59 min Scan# 1445

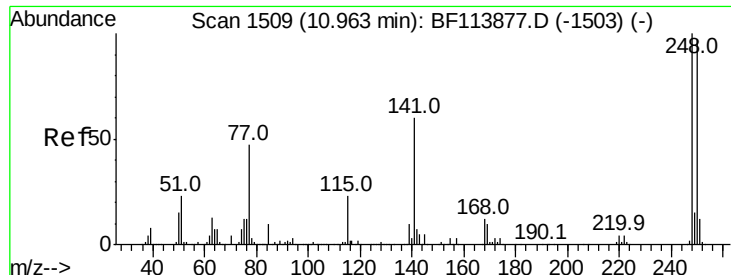
Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Tgt Ion:	169	Resp:	609546
Ion Ratio	Lower	Upper	
169	100		
168	66.8	54.3	81.5
167	36.3	29.4	44.0





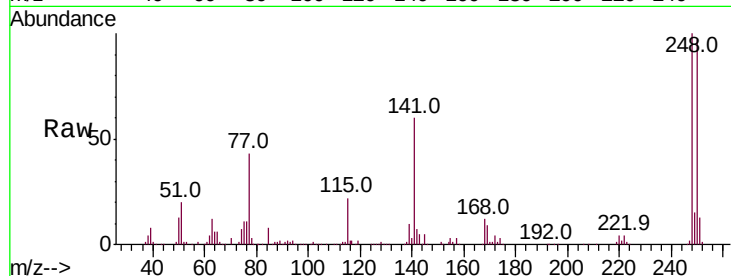
#67
4-Bromophenyl-phenylether
Concen: 38.315 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampled :
PB119394BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	75.8	113.6
141	59.7	50.2	75.4

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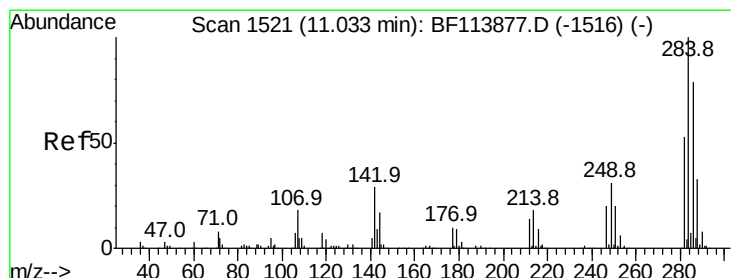
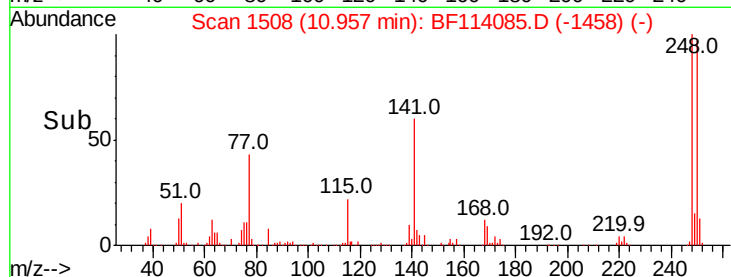
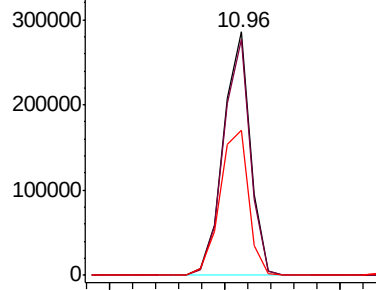


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.395 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

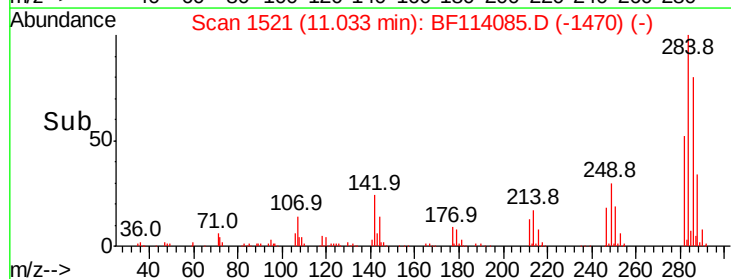
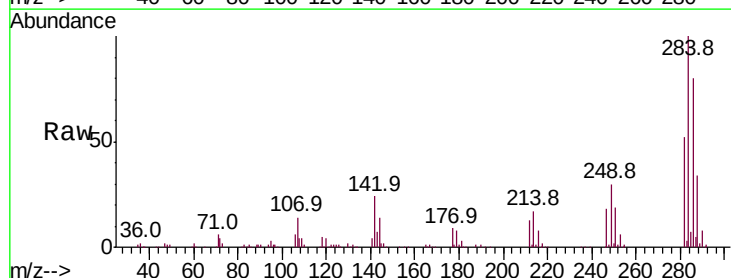
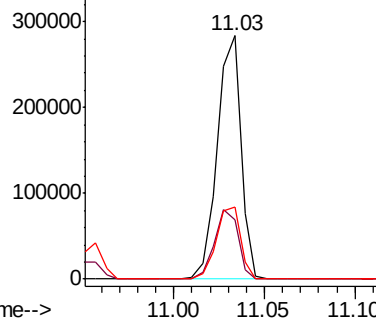
Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.4	23.0	34.4
249	29.9	24.4	36.6

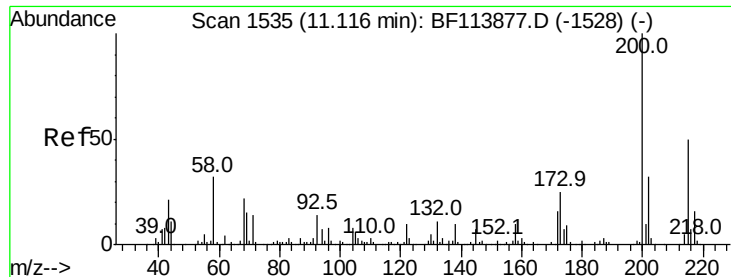
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





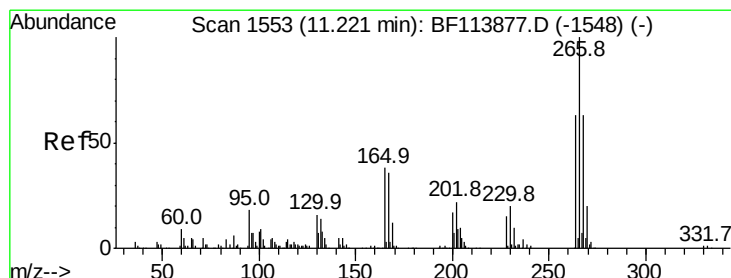
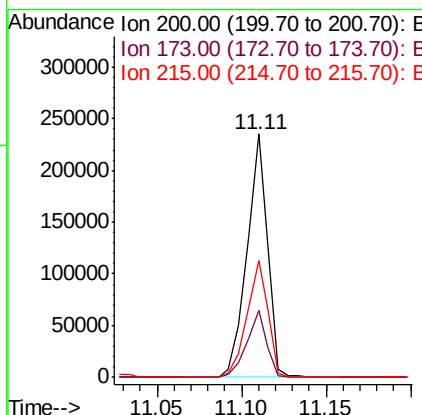
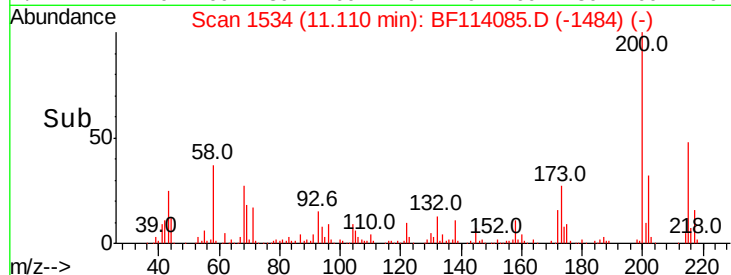
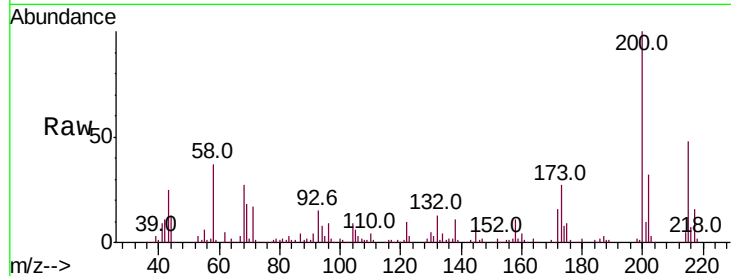
#69
Atrazine
Concen: 40.691 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	5.9	45.9
215	48.3	29.3	69.3

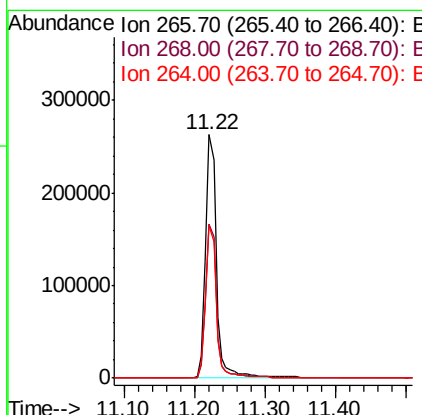
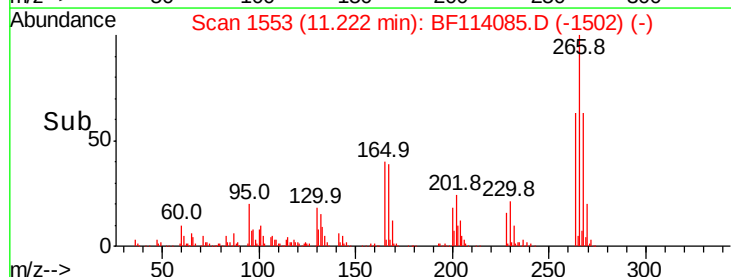
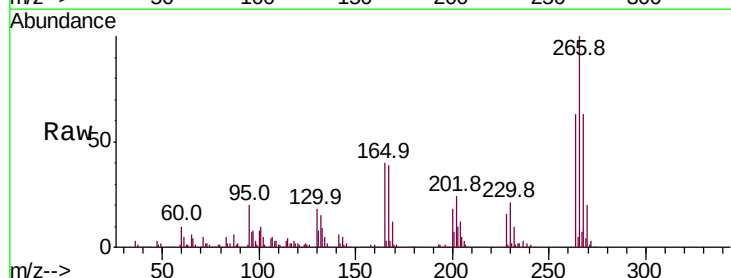
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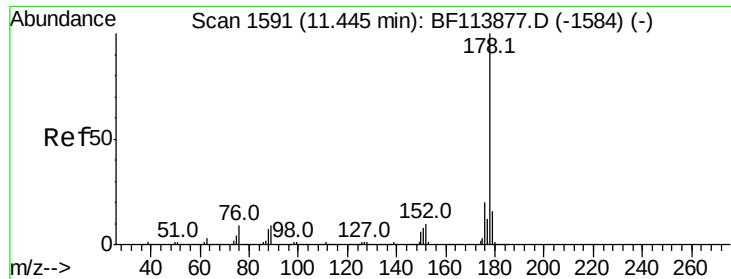
Sohil
5/3/2019 4:33:00 PM



#70
Pentachlorophenol
Concen: 75.146 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.2	53.5	80.3
264	63.0	51.0	76.6





#71

Phenanthrene

Concen: 40.184 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

ClientSampleId :

PB119394BS

Tot Ion:178 Resp: 1019628

Ion Ratio Lower Upper

178 100

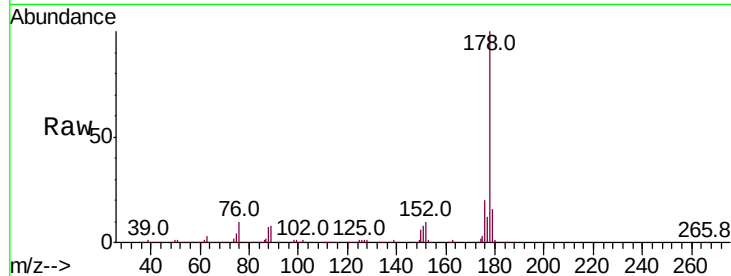
176 19.6 16.1 24.1

179 15.9 12.8 19.2

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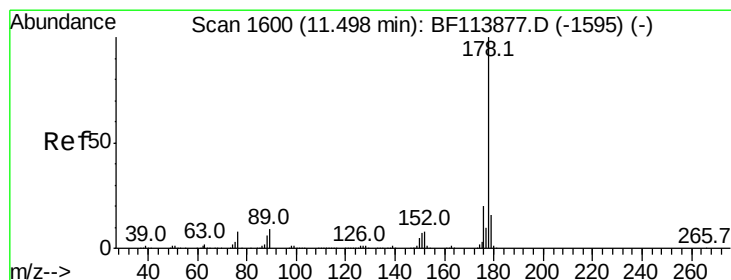
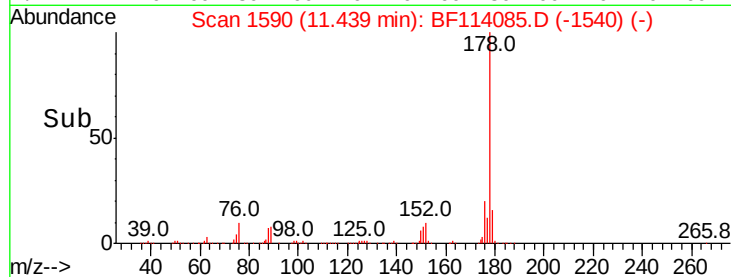
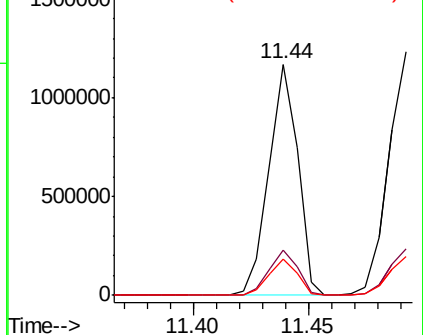
5/3/2019 4:33:00 PM



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: 41.064 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Tgt Ion:178 Resp: 1052206

Ion Ratio Lower Upper

178 100

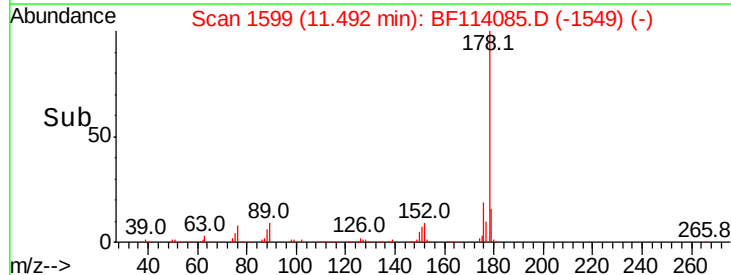
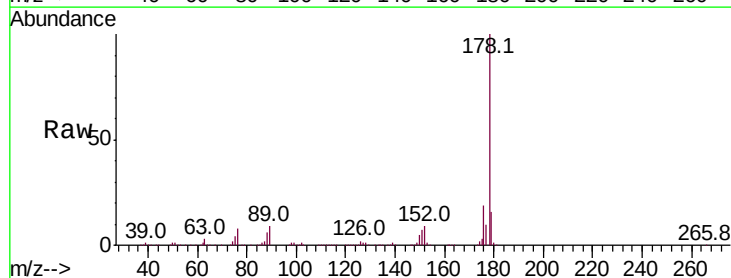
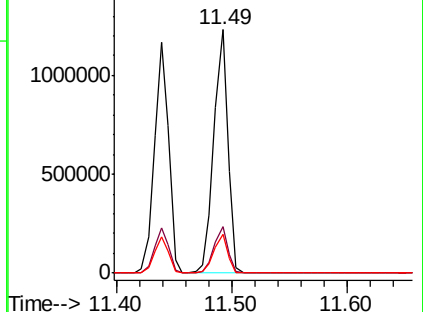
176 19.2 15.7 23.5

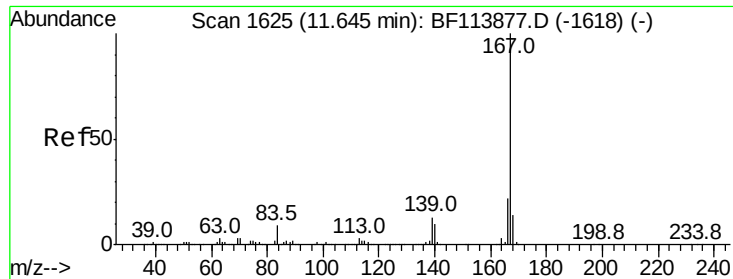
179 16.0 13.0 19.4

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





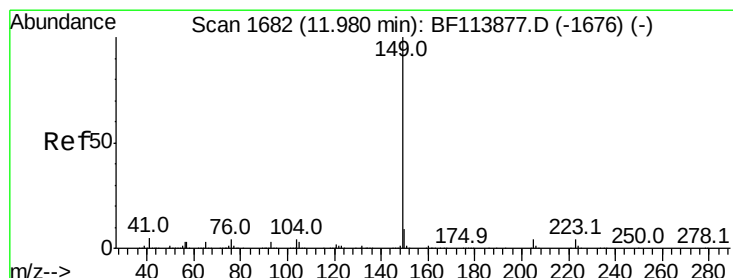
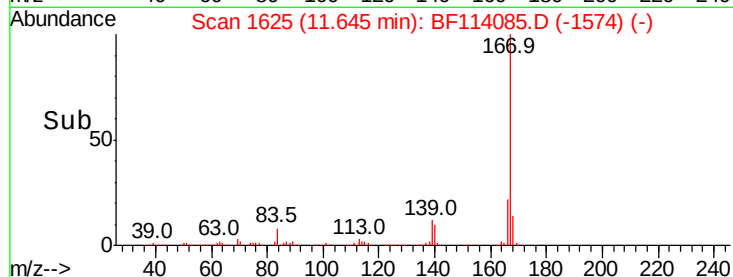
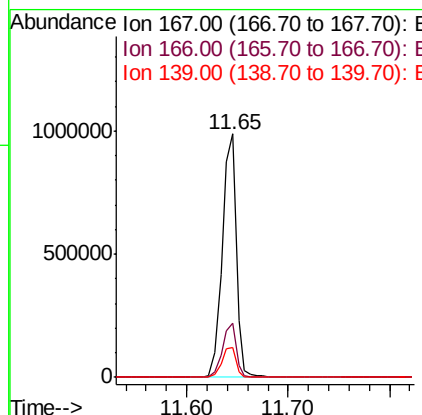
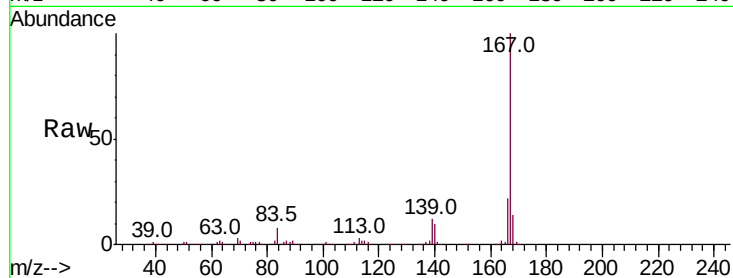
#73
 Carbazole
 Concen: 41.427 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	12.3	10.0	15.0

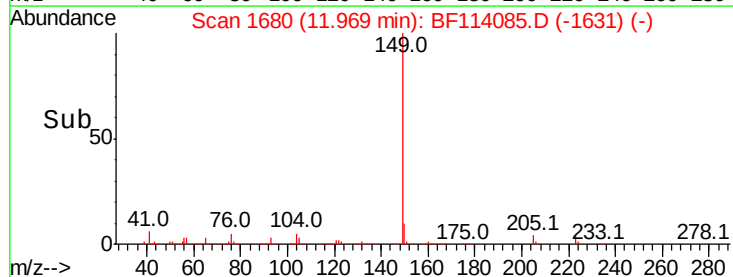
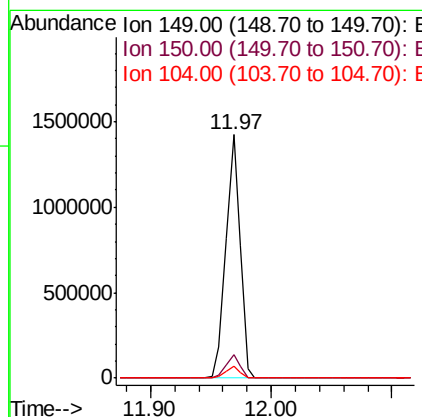
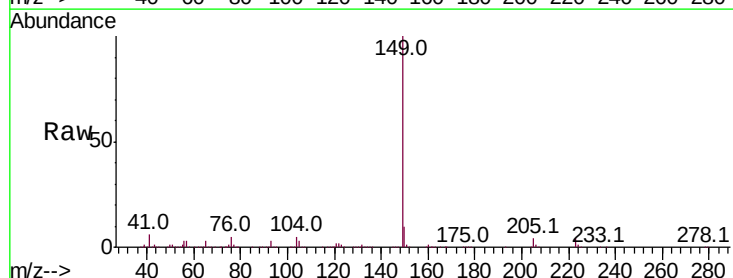
Manual Integrations
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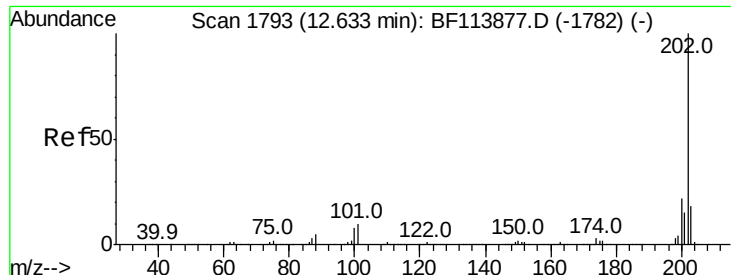
Sohil
 5/3/2019 4:33:00 PM



#74
 Di-n-butylphthalate
 Concen: 43.015 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.8	3.8	5.8





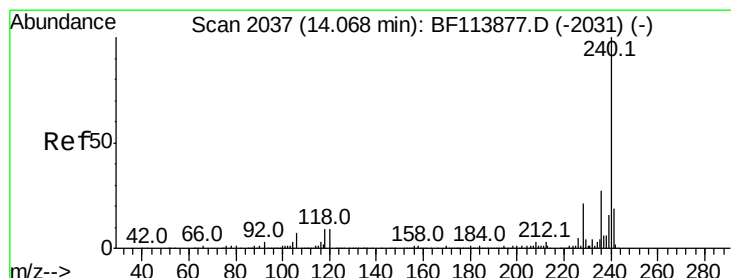
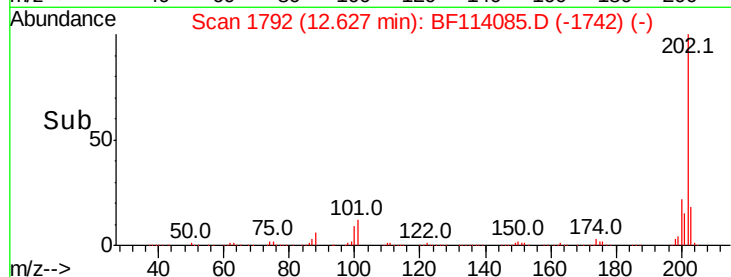
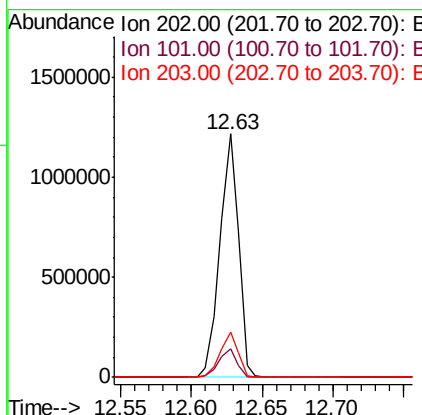
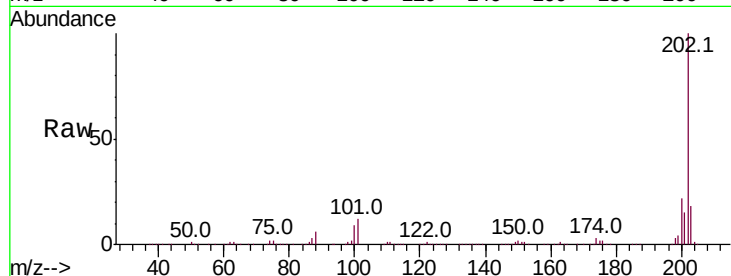
#75
 Fluoranthene
 Concen: 40.443 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1119615		
101	11.6	0.0	32.9	
203	18.4	0.0	38.2	

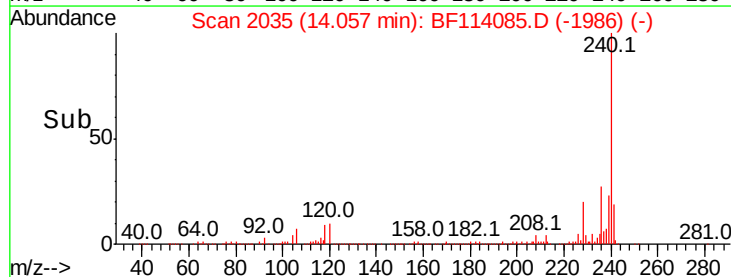
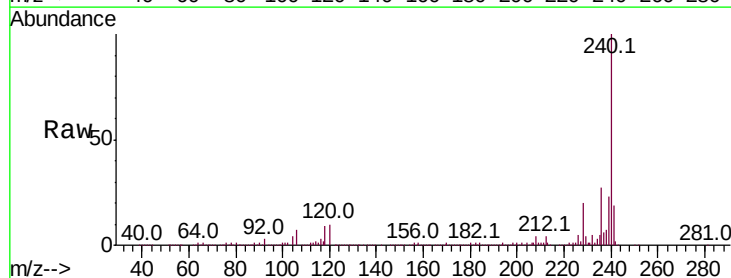
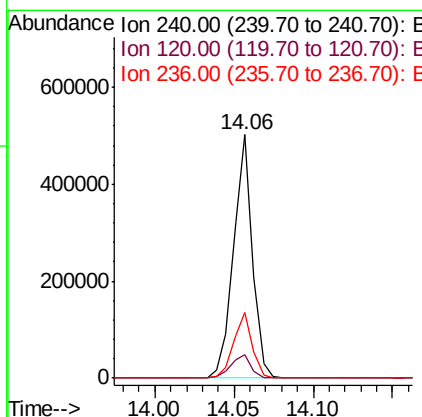
Manual Integrations
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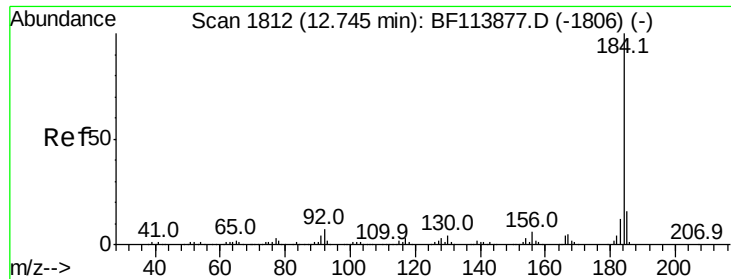
Sohil
 5/3/2019 4:33:00 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	414345		
120	9.7	9.3	13.9	
236	27.1	21.2	31.8	





#77

Benzidine

Concen: 31.308 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

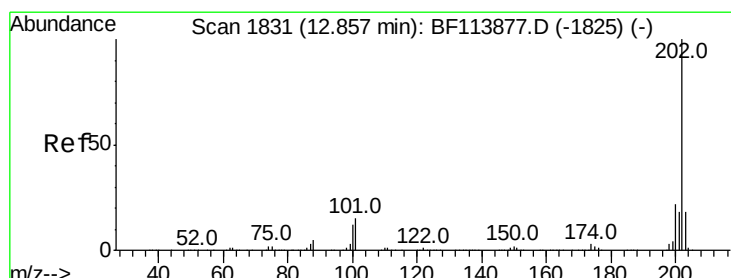
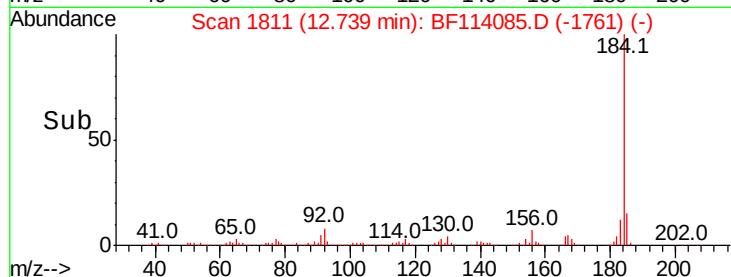
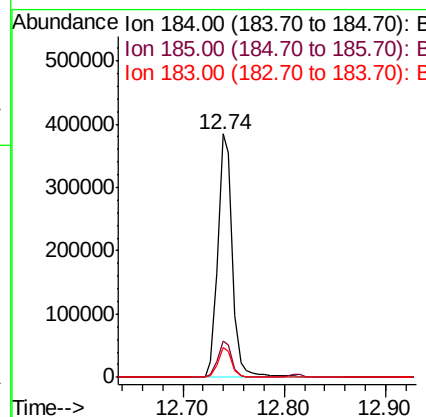
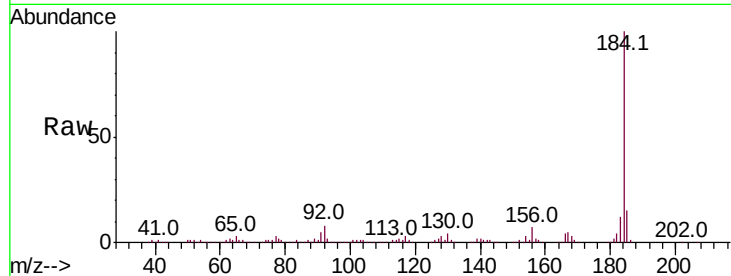
ClientSampleId :

PB119394BS

Tot Ion:	184	Resp:	386523
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.0	19.6
183	12.1	9.4	14.0

Manual Integrations
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5/3/2019 4:33:00 PM



#78

Pyrene

Concen: 38.821 ng

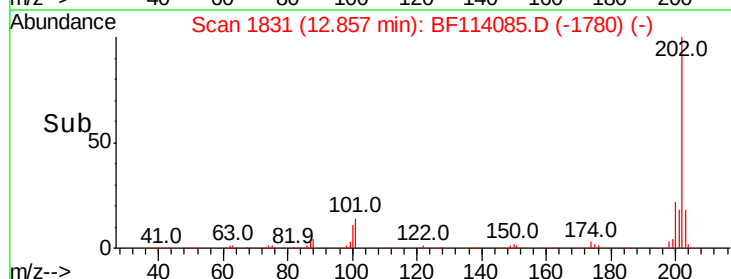
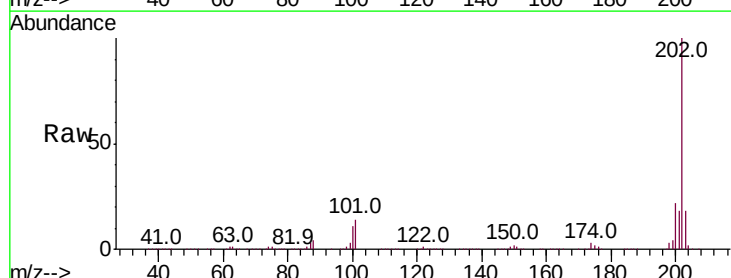
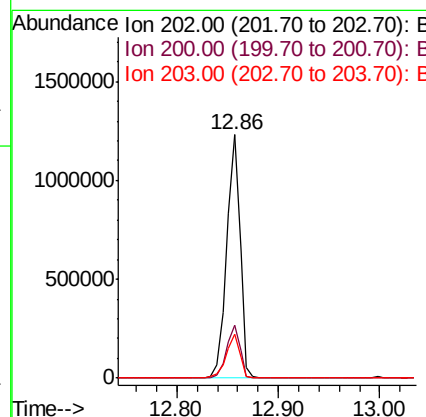
RT: 12.86 min Scan# 1831

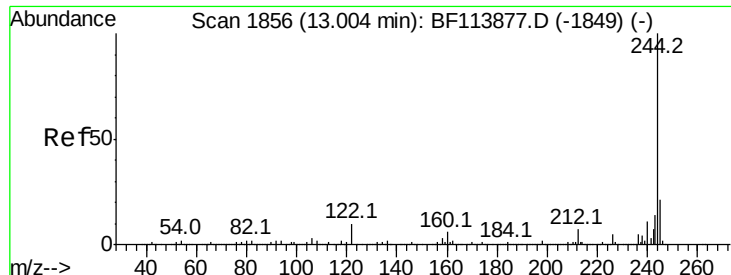
Delta R.T. 0.00 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Tgt Ion:	202	Resp:	1124872
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.7	26.5
203	18.2	15.0	22.6





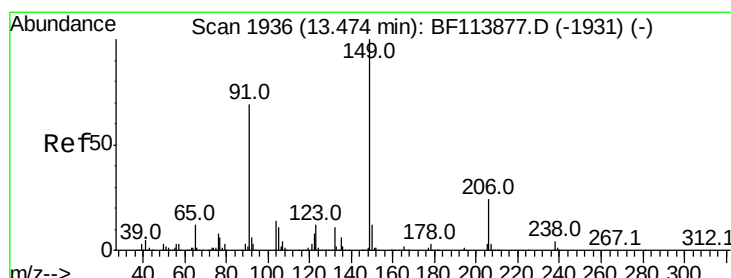
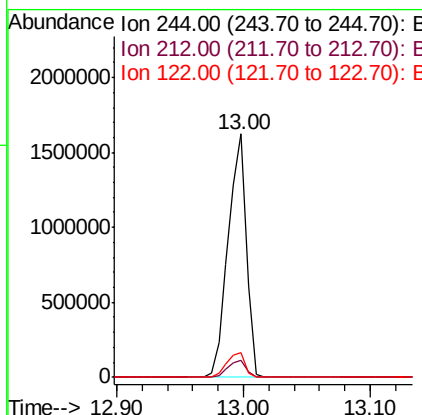
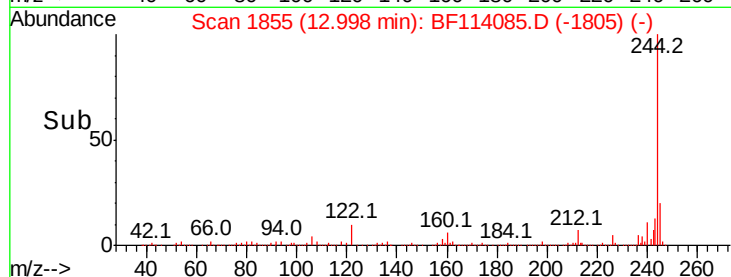
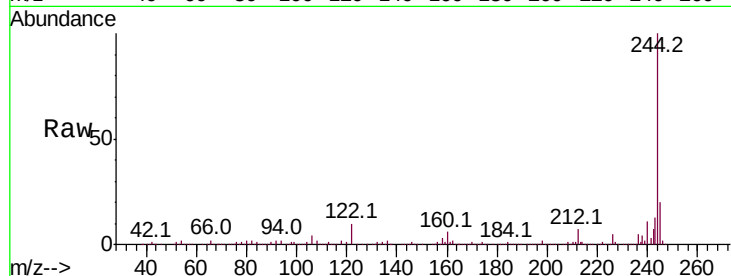
#79
 Terphenyl-d14
 Concen: 79.596 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	10.2	7.6	11.4

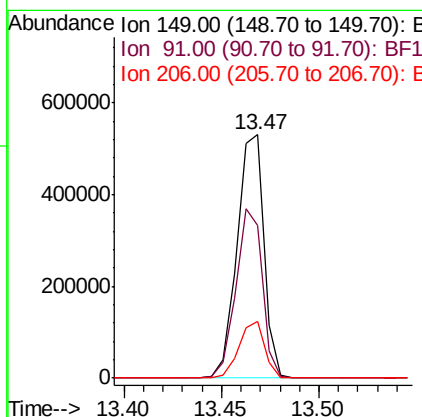
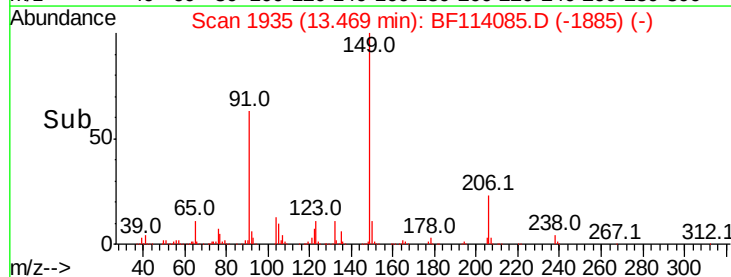
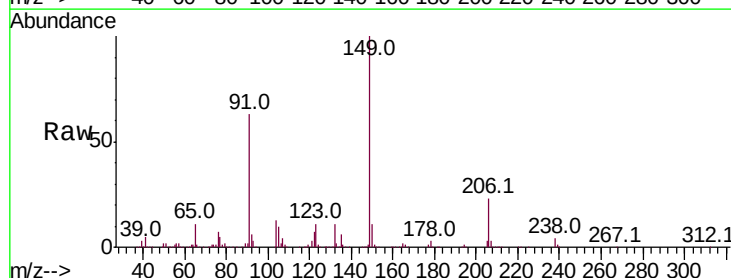
Manual Integrations
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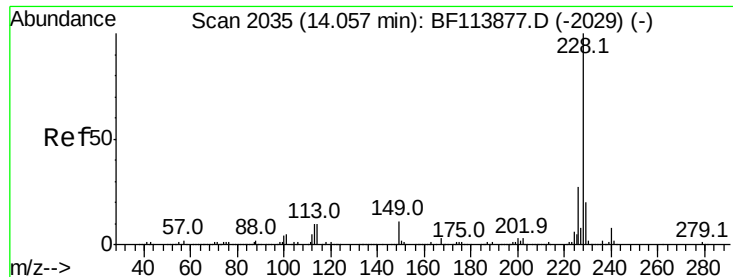
Sohil
 5/3/2019 4:33:00 PM



#80
 Butylbenzylphthalate
 Concen: 44.418 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BF114085.D
 Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.8	56.3	84.5
206	23.5	19.0	28.6





#81

Benzo(a)anthracene

Concen: 42.486 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Instrument :

BNA_F

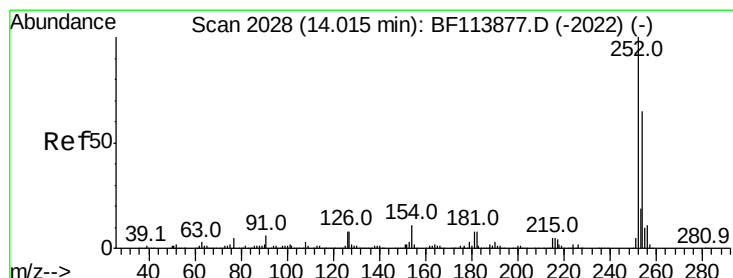
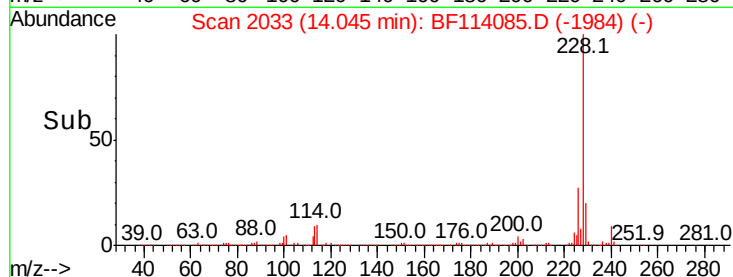
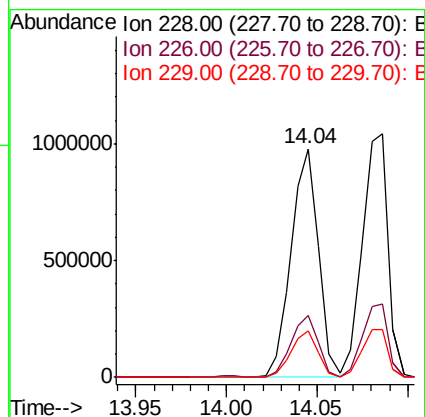
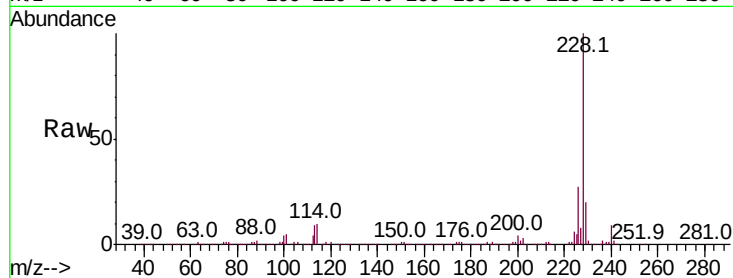
ClientSampleId :

PB119394BS

Tot Ion:	228	Resp:	1037189
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.2
229	20.2	16.0	24.0

Manual Integrations
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Sohil
5/3/2019 4:33:00 PM



#82

3,3'-Dichlorobenzidine

Concen: 41.243 ng

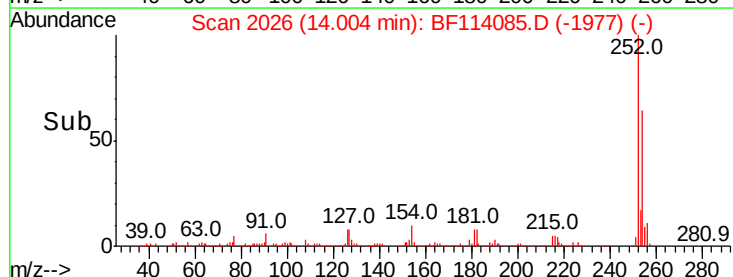
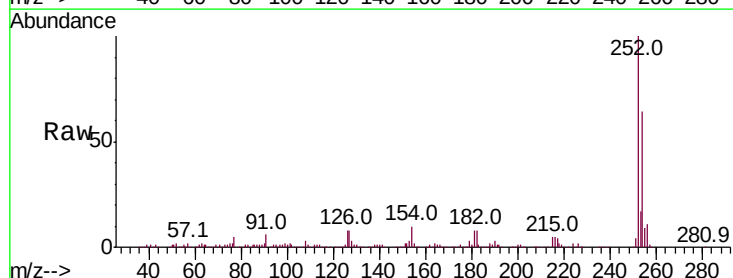
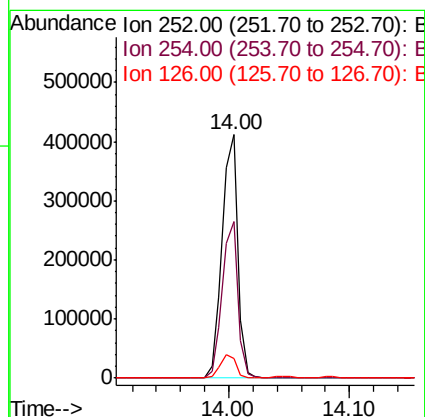
RT: 14.00 min Scan# 2026

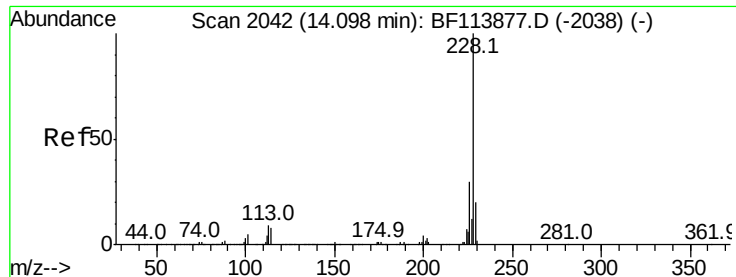
Delta R.T. -0.01 min

Lab File: BF114085.D

Acq: 2 May 2019 15:29

Tgt Ion:	252	Resp:	369037
Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.1	78.1
126	8.2	9.3	13.9#





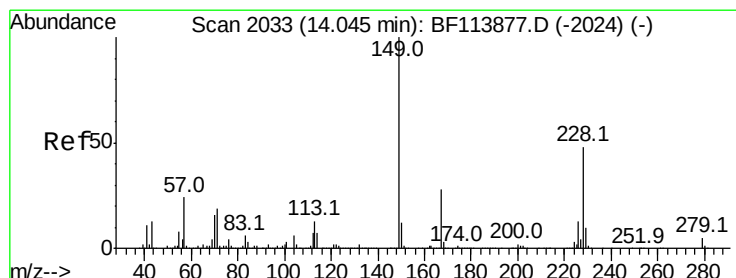
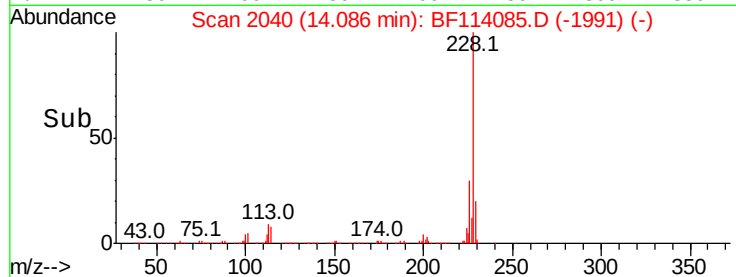
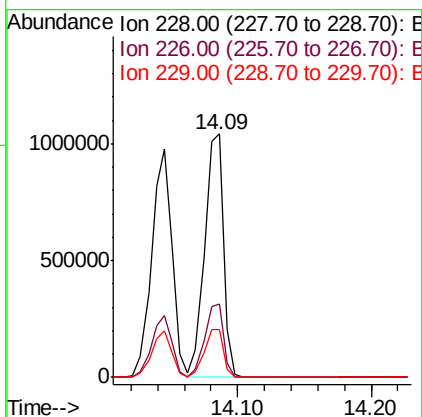
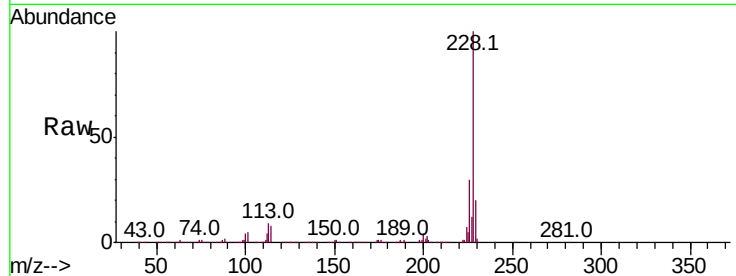
#83
Chrysene
Concen: 43.149 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	19.9	16.7	25.1

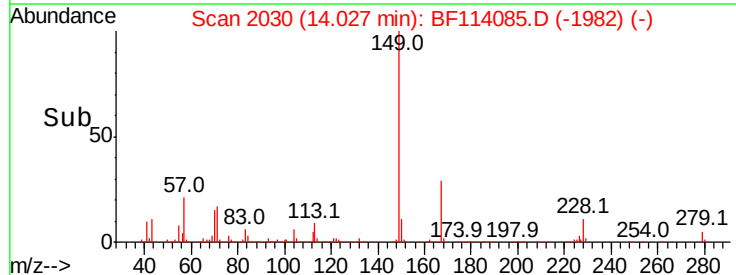
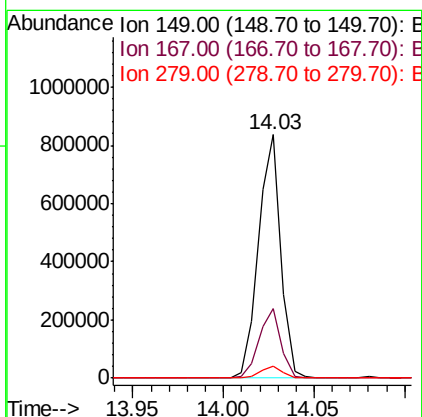
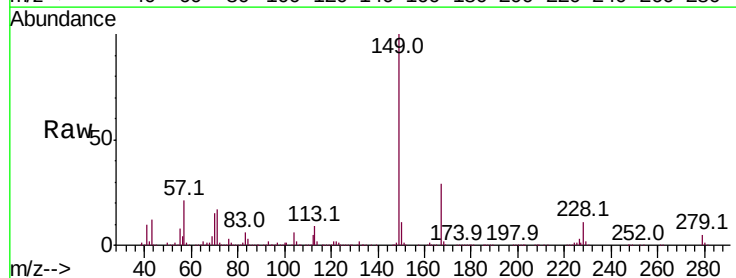
Manual Integrations
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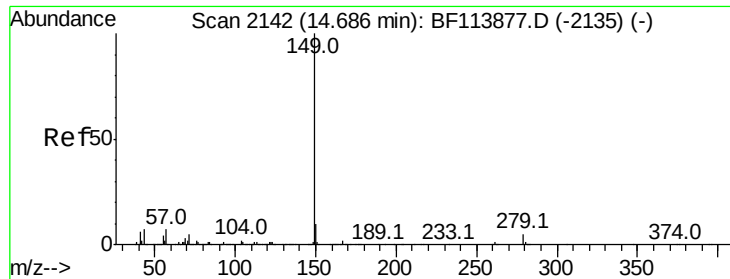
Sohil
5/3/2019 4:33:00 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.089 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.9	34.3
279	4.9	4.2	6.2





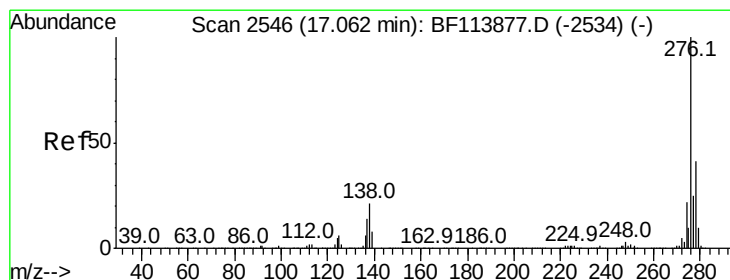
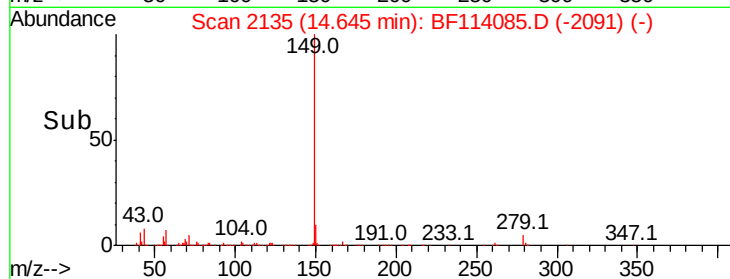
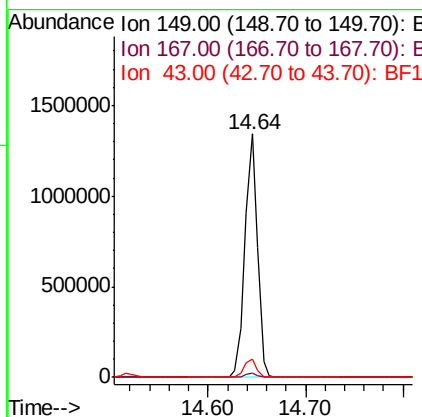
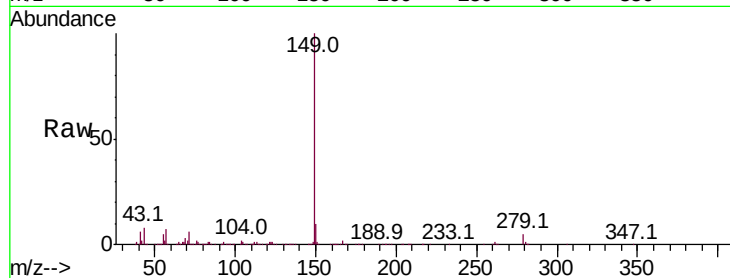
#85
Di-n-octyl phthalate
Concen: 52.515 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.04 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.6	10.0

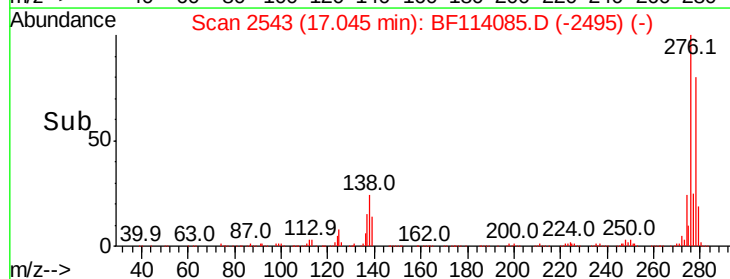
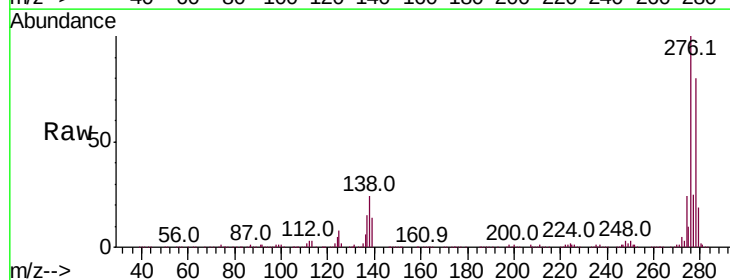
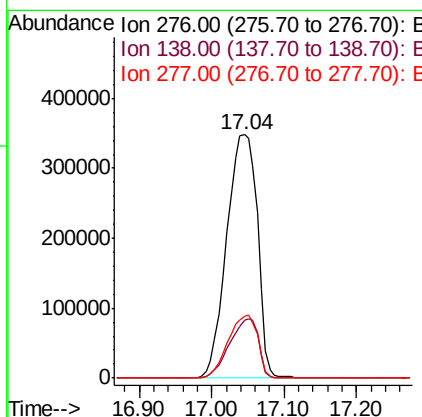
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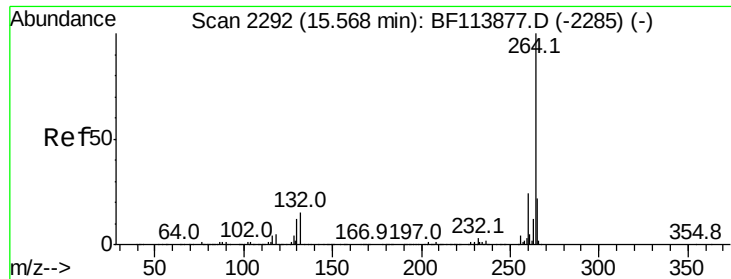
Sohil
5/3/2019 4:33:00 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.486 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.02 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.6	29.4
277	25.0	20.2	30.4





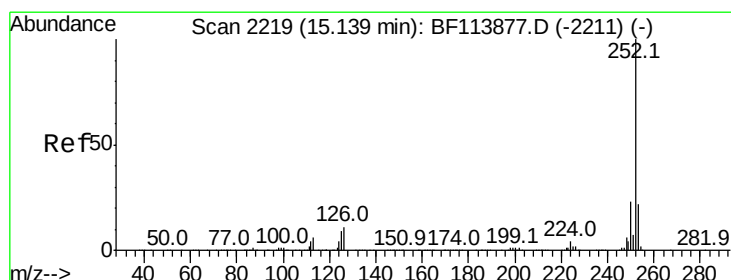
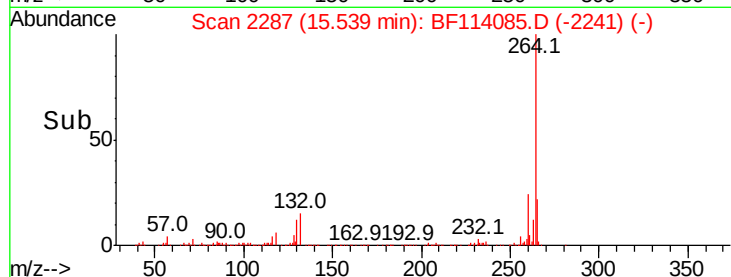
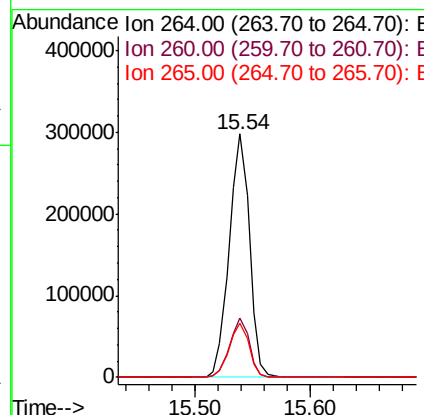
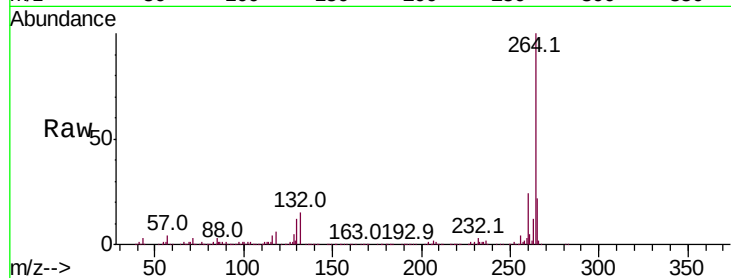
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion:	264	Resp:	363849
Ion Ratio		Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.4	17.3	25.9

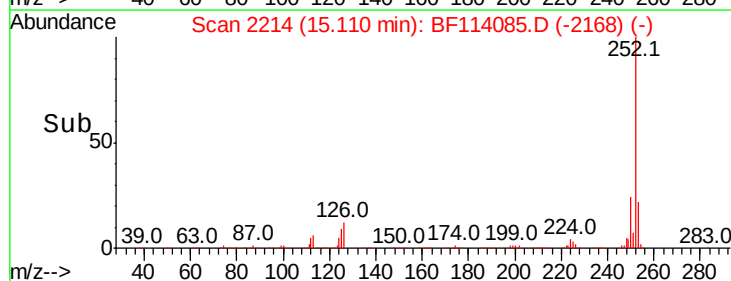
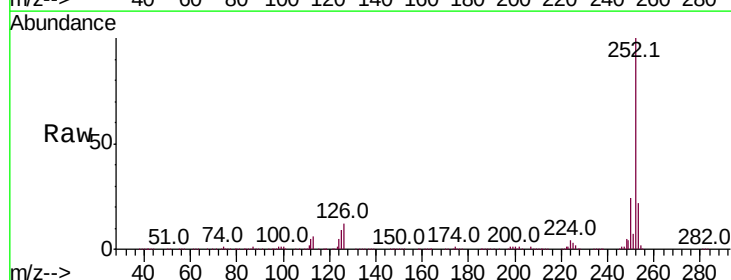
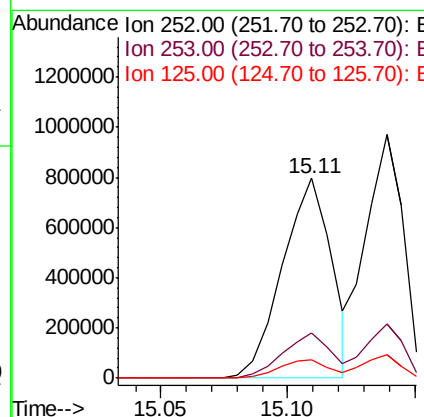
Manual Integrations
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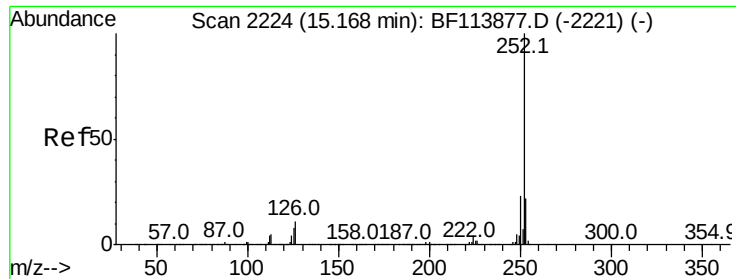
Sohil
5/3/2019 4:33:00 PM



#88
Benzo(b)fluoranthene
Concen: 46.713 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion:	252	Resp:	1075352
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.2	7.0	10.6





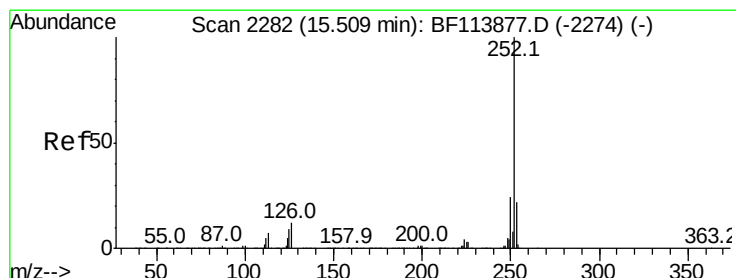
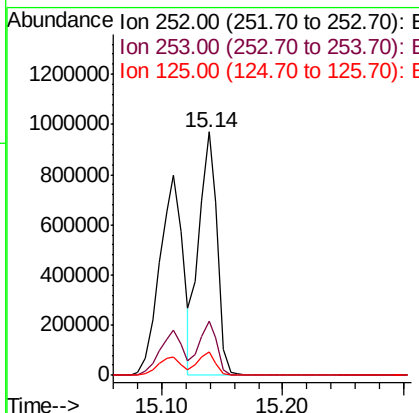
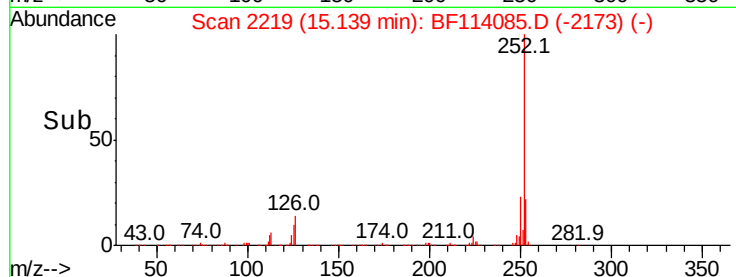
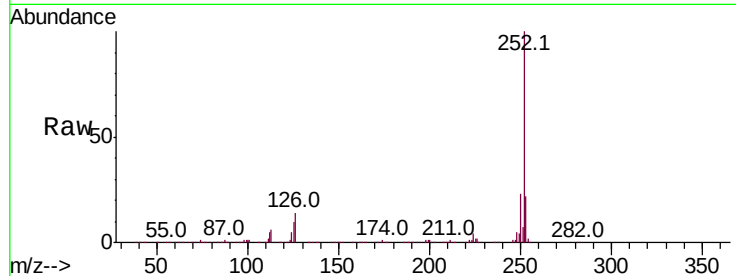
#89
Benzo(k)fluoranthene
Concen: 51.040 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.5	7.4	11.2

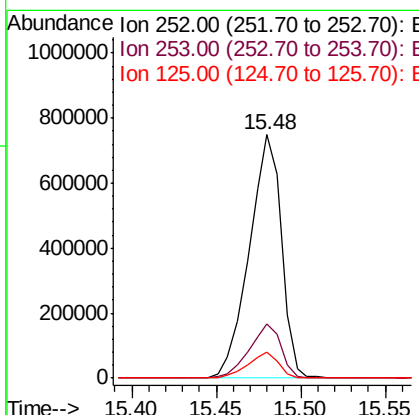
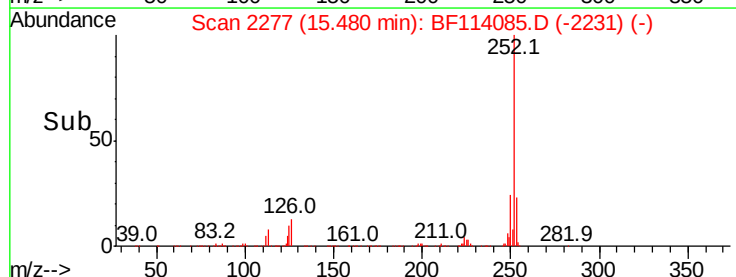
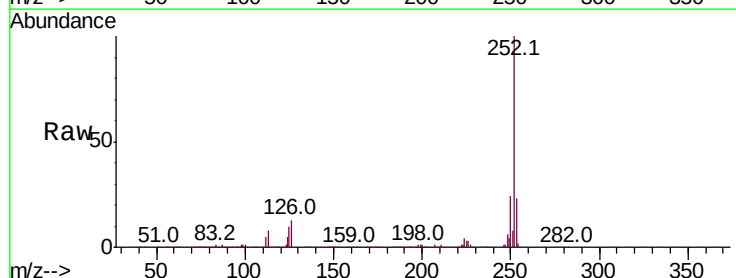
Manual Integrations
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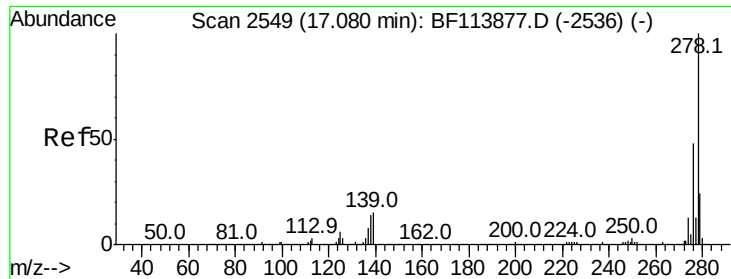
Sohil
5/3/2019 4:33:00 PM



#90
Benzo(a)pyrene
Concen: 49.864 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.5	8.5	12.7





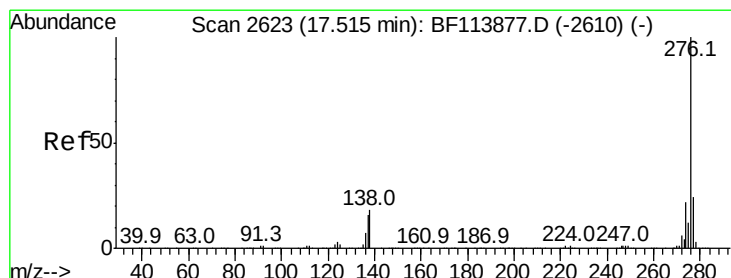
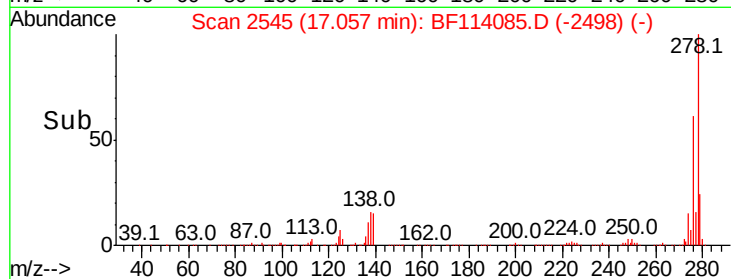
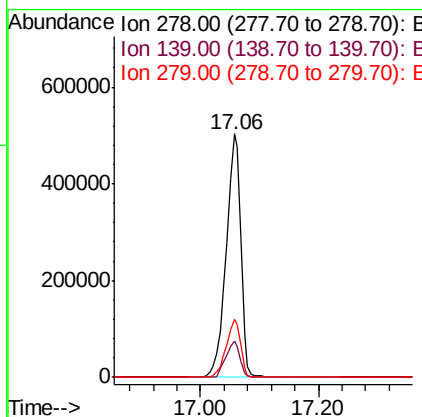
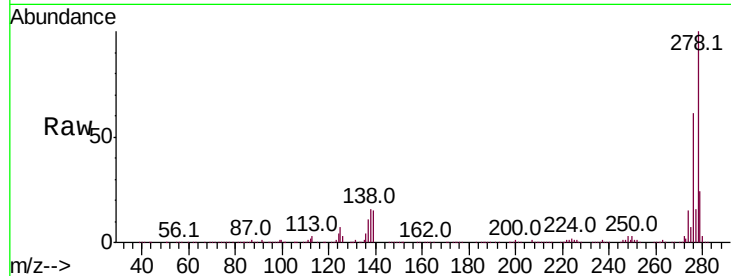
#91
Dibenzo(a,h)anthracene
Concen: 46.405 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.02 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Instrument :
BNA_F
ClientSampleId :
PB119394BS

Tot Ion:	278	Resp:	867378
Ion Ratio	Lower	Upper	
278	100		
139	14.9	11.6	17.4
279	24.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
5/3/2019 4:33:00 PM



#92
Benzo(g,h,i)perylene
Concen: 43.787 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BF114085.D
Acq: 2 May 2019 15:29

Tgt Ion:	276	Resp:	825941
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.0	28.4
138	19.0	16.6	25.0

