

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
 Data File : BF112676.D
 Acq On : 22 Feb 2019 20:38
 Operator : JU/SJ
 Sample : K1556-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPMSD

Manual Integrations
 APPROVED

Sohil
 2/25/2019 9:21:19 AM

Quant Time: Feb 23 01:18:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	29778	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	115392	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	56646	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	108317	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	75394	20.00	ng	-0.03
87) Perylene-d12	15.44	264	70115	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	233089	166.26	ng	-0.02
7) Phenol-d6	6.48	99	297678	152.81	ng	-0.01
23) Nitrobenzene-d5	7.38	82	188692	94.22	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	92268	139.94	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	374427	93.49	ng	-0.04
79) Terphenyl-d14	12.91	244	398717	99.60	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	24499	43.868	ng	95
3) Pyridine	3.24	79	60713m	42.737	ng	
4) n-Nitrosodimethylamine	3.17	42	34076m	57.093	ng	
6) Aniline	6.48	93	87937	37.947	ng	89
8) 2-Chlorophenol	6.62	128	91049	48.277	ng	97
9) Benzaldehyde	6.37	77	34464	33.848	ng	99
10) Phenol	6.49	94	120254	56.266	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	78759	46.807	ng	97
12) 1,3-Dichlorobenzene	6.76	146	97457	44.371	ng	97
13) 1,4-Dichlorobenzene	6.83	146	98938	43.769	ng	98
14) 1,2-Dichlorobenzene	6.99	146	96518	45.605	ng	97
15) Benzyl Alcohol	6.97	79	75340	45.878	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.09	45	90491	41.886	ng	84
17) 2-Methylphenol	7.10	107	69373	46.402	ng	94
18) Hexachloroethane	7.32	117	34833	43.883	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	60314	44.901	ng	98
20) 3+4-Methylphenols	7.26	107	91835	48.036	ng	# 61
22) Acetophenone	7.23	105	128840	45.854	ng	# 92
24) Nitrobenzene	7.40	77	92530	46.263	ng	98
25) Isophorone	7.64	82	159247	50.688	ng	96
26) 2-Nitrophenol	7.72	139	46082	43.113	ng	# 87
27) 2,4-Dimethylphenol	7.77	122	77647	52.726	ng	92
28) bis(2-Chloroethoxy)methane	7.84	93	98013	45.817	ng	99
29) 2,4-Dichlorophenol	7.99	162	76156	46.211	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	84450	44.581	ng	98
31) Naphthalene	8.12	128	296314	54.911	ng	100
32) Benzoic acid	7.89	122	14956m	17.804	ng	
33) 4-Chloroaniline	8.19	127	59233	25.209	ng	95
34) Hexachlorobutadiene	8.23	225	47825	43.023	ng	98
35) Caprolactam	8.53	113	23231	39.959	ng	94
36) 4-Chloro-3-methylphenol	8.68	107	80482	46.132	ng	99
37) 2-Methylnaphthalene	8.81	142	214345	58.023	ng	96
38) 1-Methylnaphthalene	8.91	142	200957	56.755	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	82092	44.138	ng	98

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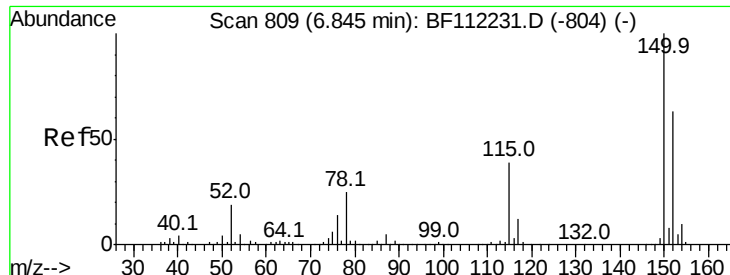
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	5013	15.771	nq	98
43) 2,4,6-Trichlorophenol	9.10	196	49684	43.337	nq	94
44) 2,4,5-Trichlorophenol	9.17	196	51864	43.285	nq	# 94
46) 1,1'-Biphenyl	9.27	154	232028	46.854	nq	98
47) 2-Chloronaphthalene	9.30	162	169541	44.148	nq	95
48) 2-Nitroaniline	9.41	65	48063	45.919	nq	98
49) Acenaphthylene	9.71	152	300480	53.384	nq	98
50) Dimethylphthalate	9.57	163	220928	50.198	nq	98
51) 2,6-Dinitrotoluene	9.64	165	43834	44.471	nq	# 68
52) Acenaphthene	9.88	154	224190	66.675	nq	98
53) 3-Nitroaniline	9.82	138	39516	37.005	nq	# 88
54) 2,4-Dinitrophenol	9.98	184	7173	22.676	nq	# 73
55) Dibenzofuran	10.06	168	309547	60.243	nq	91
56) 4-Nitrophenol	10.06	139	168873	299.119	nq	# 19
57) 2,4-Dinitrotoluene	10.06	165	59351	47.298	nq	# 81
58) Fluorene	10.40	166	283185	73.647	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	39469	43.589	nq	# 85
60) Diethylphthalate	10.26	149	206500	47.280	nq	96
61) 4-Chlorophenyl-phenylether	10.38	204	93665	44.780	nq	# 87
62) 4-Nitroaniline	10.44	138	40894	39.043	nq	90
63) Azobenzene	10.55	77	181220	47.178	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	9373	15.434	nq	# 71
66) n-Nitrosodiphenylamine	10.50	169	170186	46.619	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	54376	42.682	nq	100
68) Hexachlorobenzene	10.96	284	60390	44.183	nq	97
69) Atrazine	11.03	200	51614	43.817	nq	95
70) Pentachlorophenol	11.17	266	30758	57.834	nq	99
71) Phenanthrene	11.37	178	1110206	197.151	nq	98
72) Anthracene	11.42	178	514528	91.725	nq	98
73) Carbazole	11.57	167	294274	53.183	nq	98
74) Di-n-butylphthalate	11.88	149	328571	47.840	nq	98
75) Fluoranthene	12.56	202	1236551	204.733	nq	99
77) Benzidine	12.67	184	146955	70.818	nq	96
78) Pyrene	12.79	202	1028703	197.075	nq	99
80) Butylbenzylphthalate	13.37	149	130654	51.735	nq	# 92
81) Benzo(a)anthracene	13.97	228	560795	126.532	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	69015	41.609	nq	96
83) Chrysene	14.00	228	468490	110.738	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	173656	48.442	nq	# 95
85) Di-n-octyl phthalate	14.53	149	263824	47.834	nq	98
86) Indeno(1,2,3-cd)pyrene	16.93	276	328998	98.142	nq	# 91
88) Benzo(b)fluoranthene	15.02	252	503910	120.173	nq	99
89) Benzo(k)fluoranthene	15.04	252	332157m	82.698	nq	
90) Benzo(a)pyrene	15.39	252	427468	113.296	nq	97
91) Dibenzo(a,h)anthracene	16.93	278	188859	62.108	nq	98
92) Benzo(g,h,i)perylene	17.38	276	264594	92.229	nq	96

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



#1

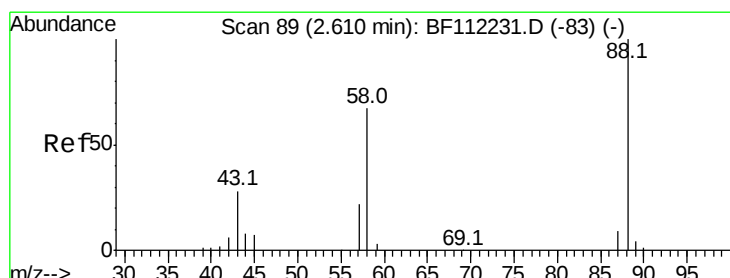
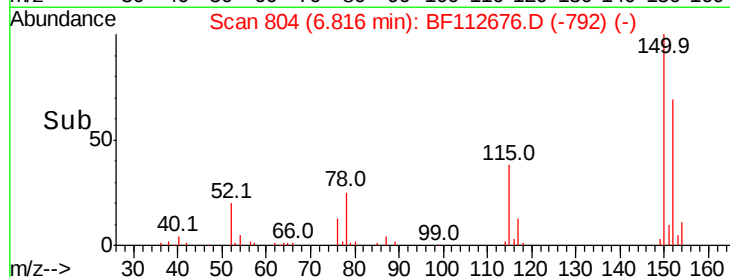
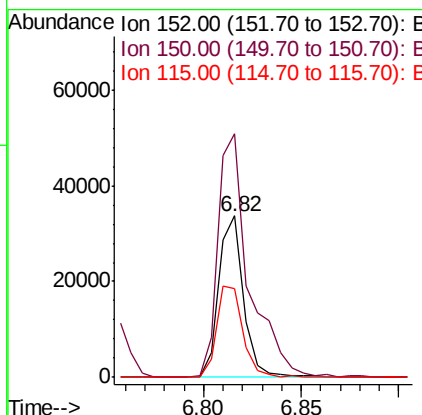
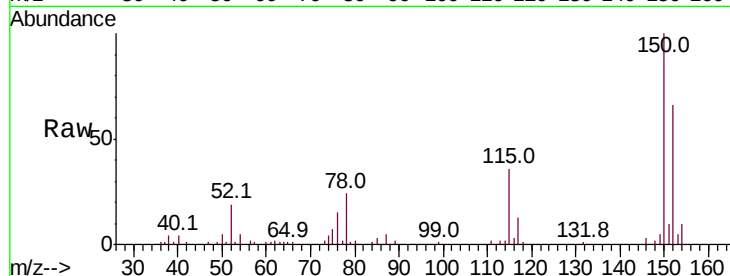
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	127.4	191.0
115	54.6	45.5	68.3

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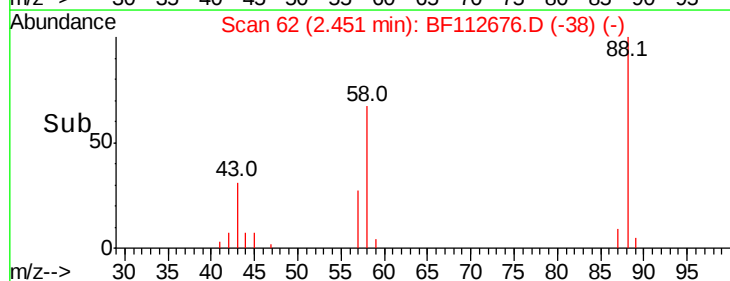
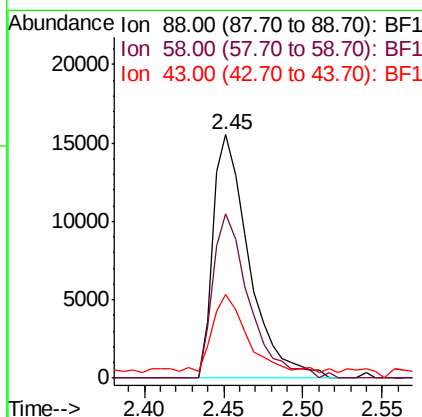
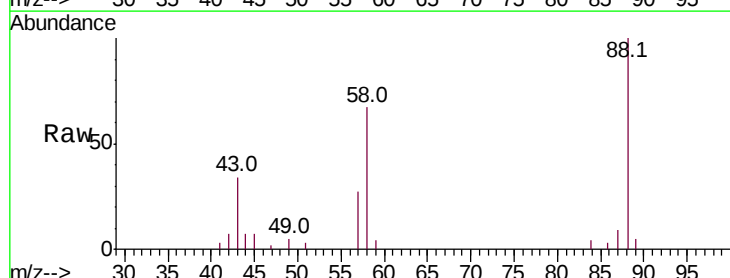
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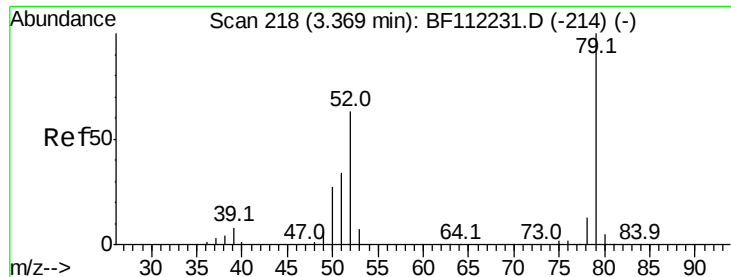


#2

1,4-Dioxane
Concen: 43.868 ng
RT: 2.45 min Scan# 62
Delta R.T. -0.16 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	57.4	86.2
43	31.8	22.2	33.4





#3

Pvridine

Concen: 42.737 ng m

RT: 3.24 min Scan# 196

Delta R.T. -0.13 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

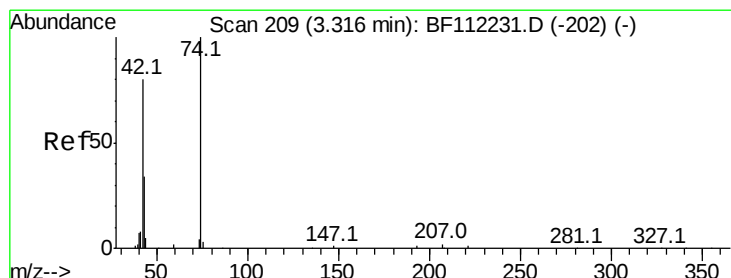
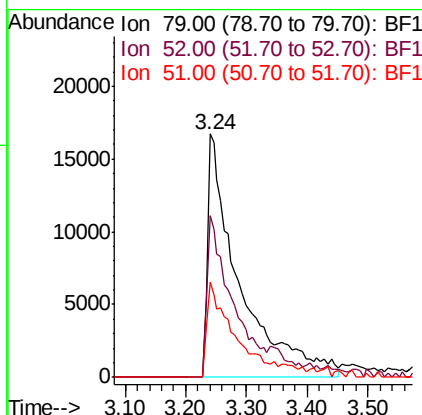
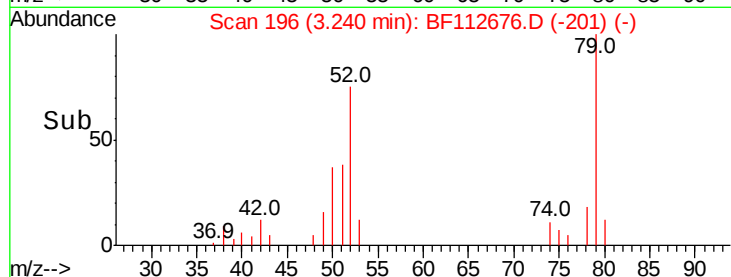
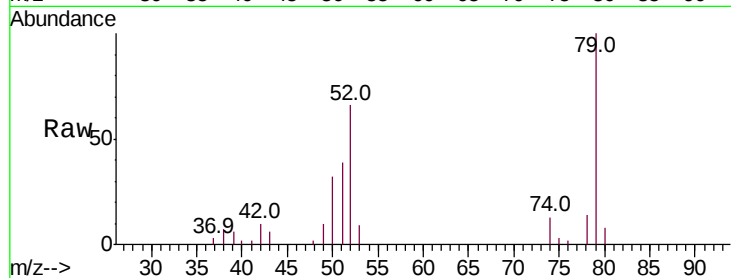
ClientSampled :

COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.4	52.4	78.6
51	39.1	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 57.093 ng m

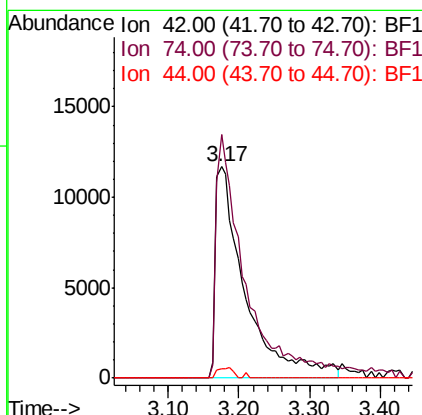
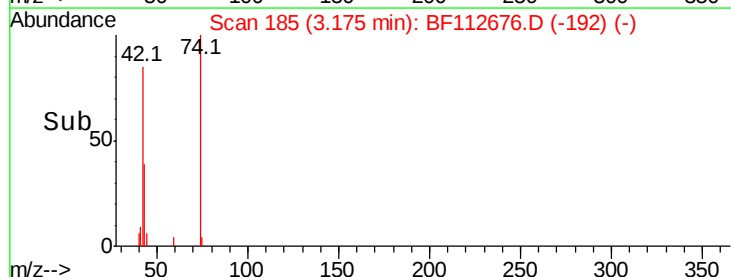
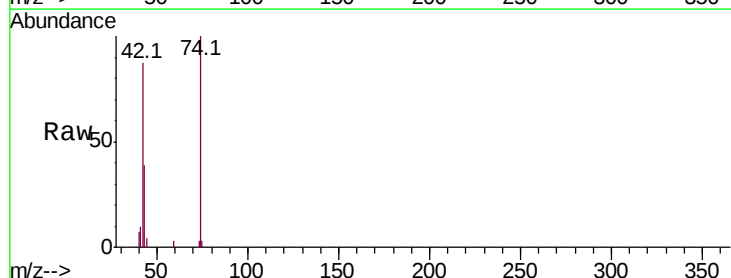
RT: 3.17 min Scan# 185

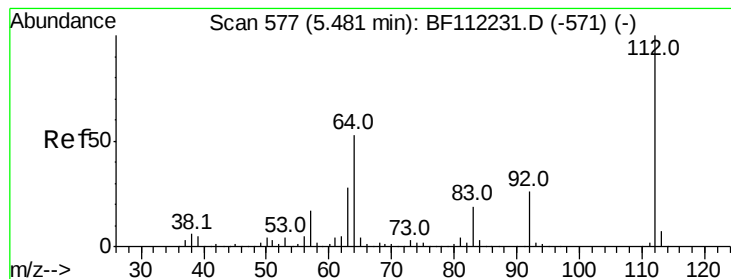
Delta R.T. -0.14 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.1	105.6	158.4
44	4.6	5.4	8.2#





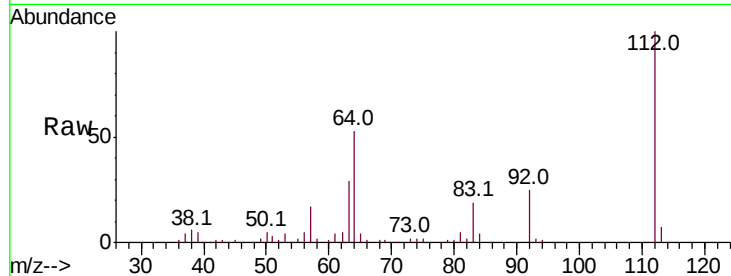
#5
 2-Fluorophenol
 Concen: 166.262 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampled :
 COMPMSSD

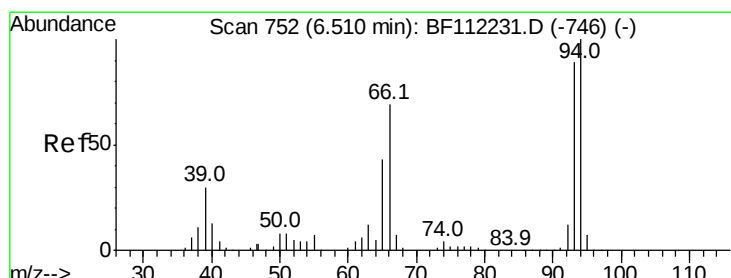
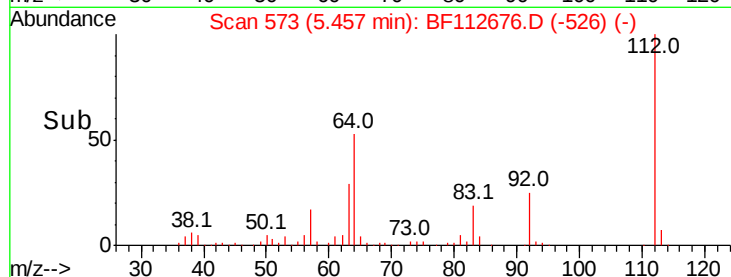
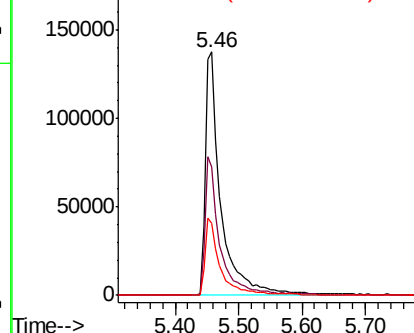
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	52.7	45.7	68.5
63	29.4	23.6	35.4

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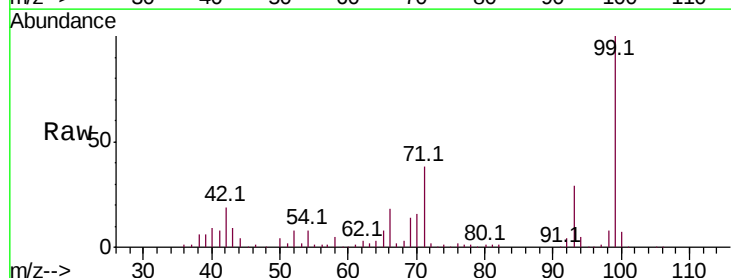


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

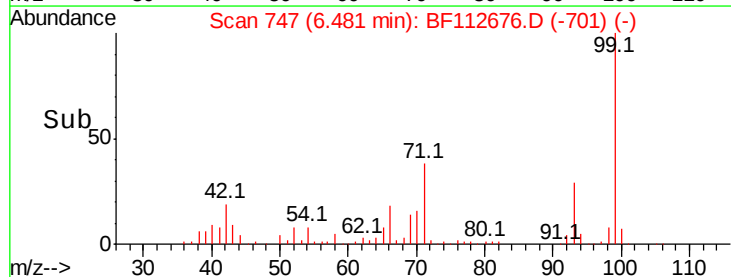
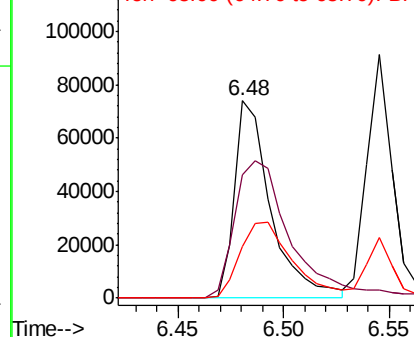


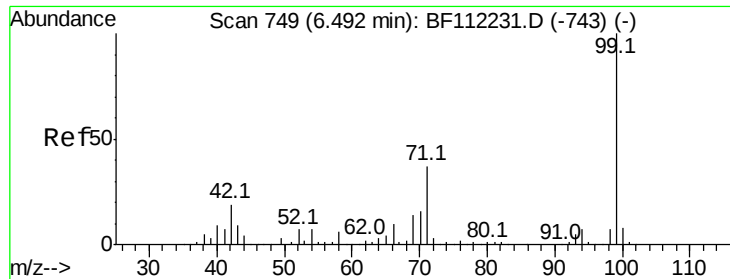
#6
 Aniline
 Concen: 37.947 ng
 RT: 6.48 min Scan# 747
 Delta R.T. -0.03 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	62.7	43.4	65.2
65	26.2	25.3	37.9



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: 152.807 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

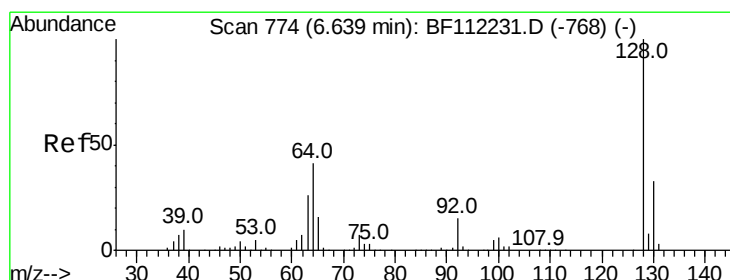
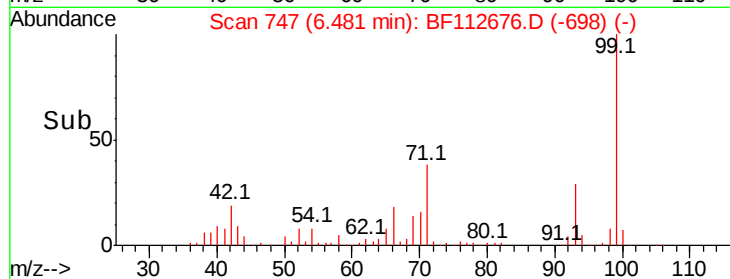
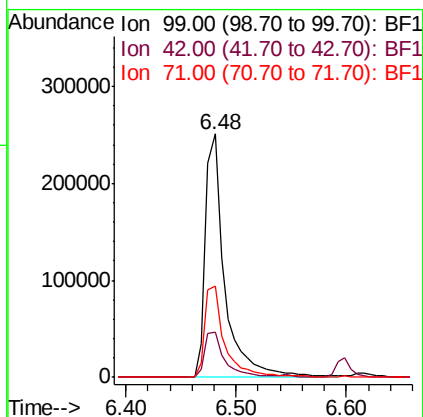
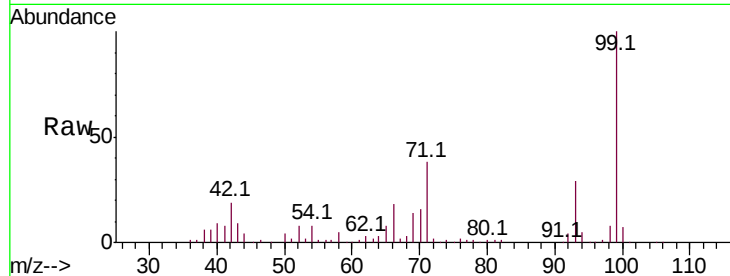
ClientSampleId :

COMPMSD

Tot Ion:	99	Resp:	297678
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.1	22.7
71	37.5	26.9	40.3

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#8

2-Chlorophenol

Concen: 48.277 ng

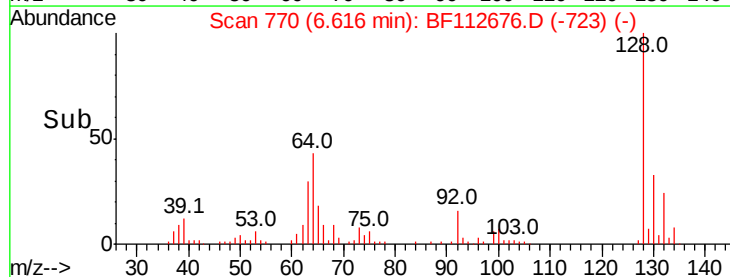
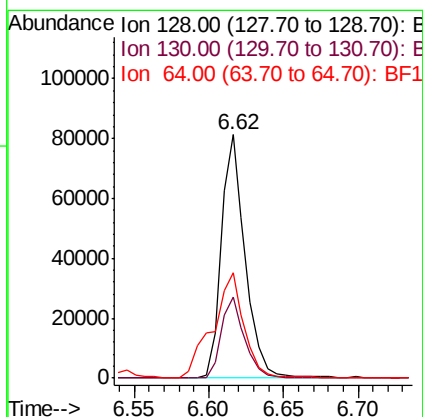
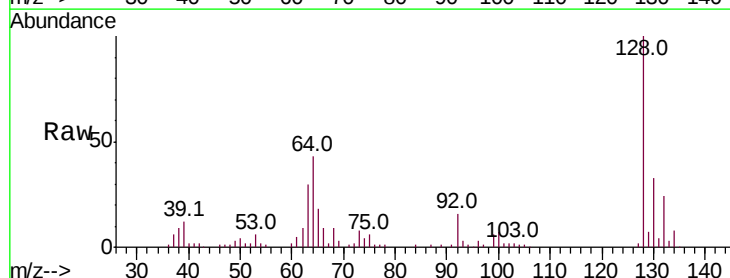
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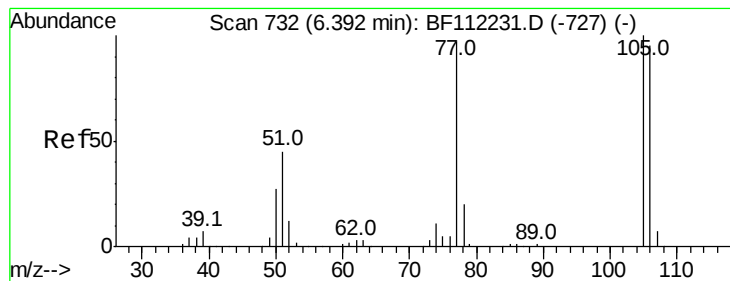
Delta R.T. -0.02 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Tgt Ion:	128	Resp:	91049
Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.4	53.4
64	43.4	20.5	60.5





#9

Benzaldehyde

Concen: 33.848 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

ClientSampleId :

COMPMSD

Tot Ion: 77 Resp: 34464

Ion Ratio Lower Upper

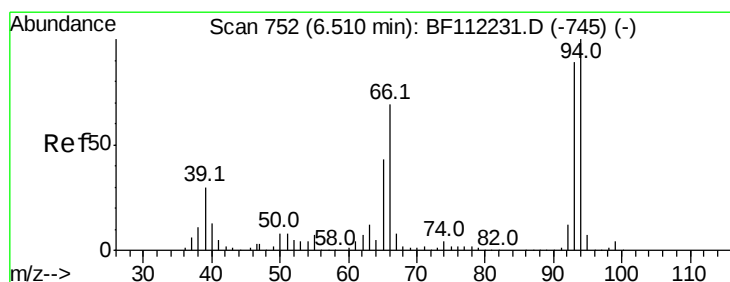
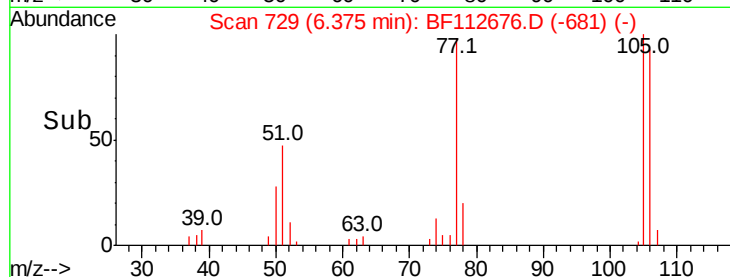
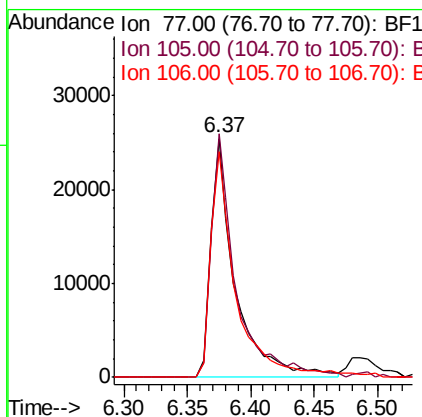
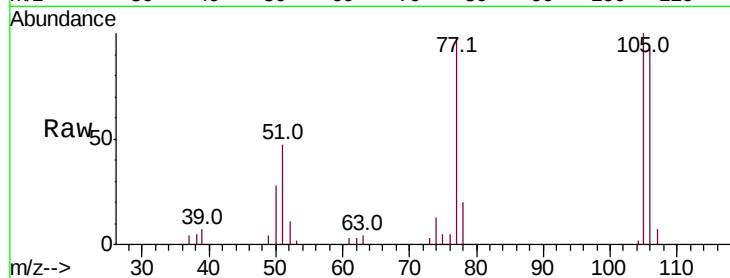
77 100

105 102.0 80.8 120.8

106 94.7 75.7 115.7

Manual Integrations
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#10

Phenol

Concen: 56.266 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

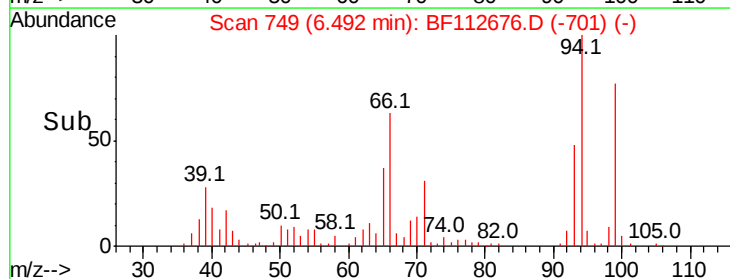
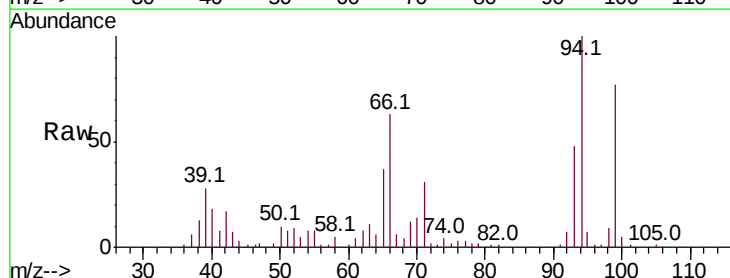
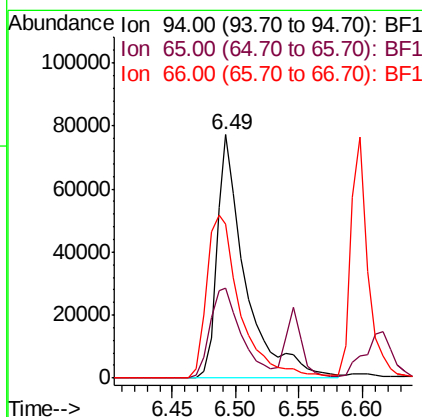
Tgt Ion: 94 Resp: 120254

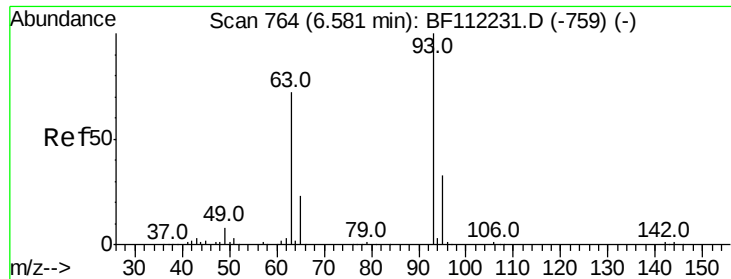
Ion Ratio Lower Upper

94 100

65 36.8 20.3 60.3

66 63.1 42.4 82.4





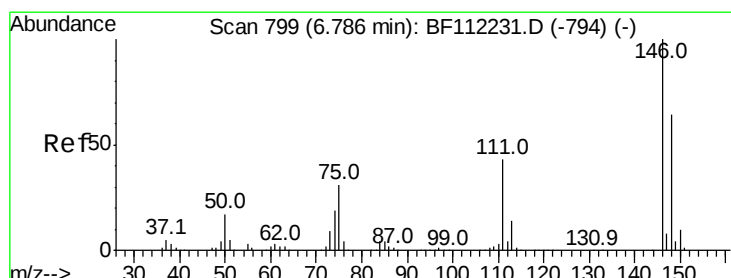
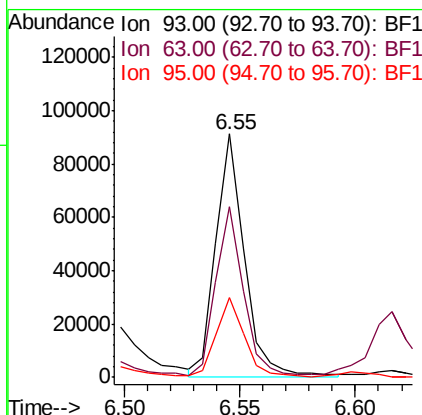
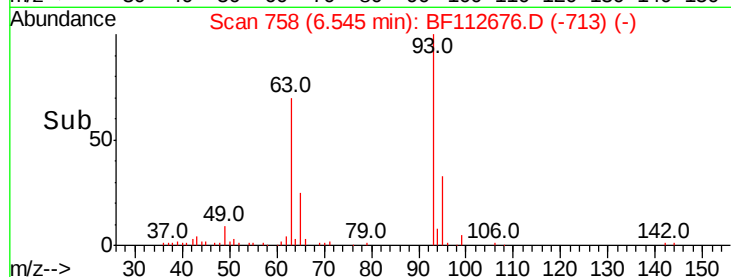
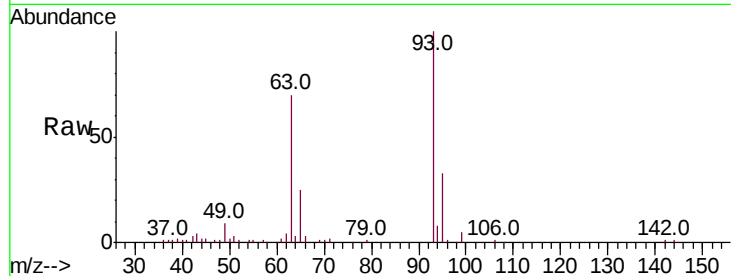
#11
bis(2-Chloroethyl)ether
Concen: 46.807 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion:	93	Resp:	78759
Ion Ratio	Lower	Upper	
93	100		
63	70.0	53.3	93.3
95	32.9	13.4	53.4

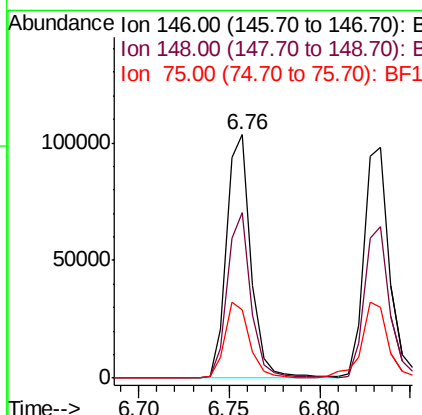
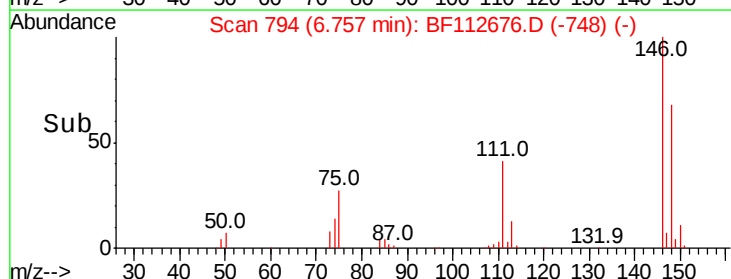
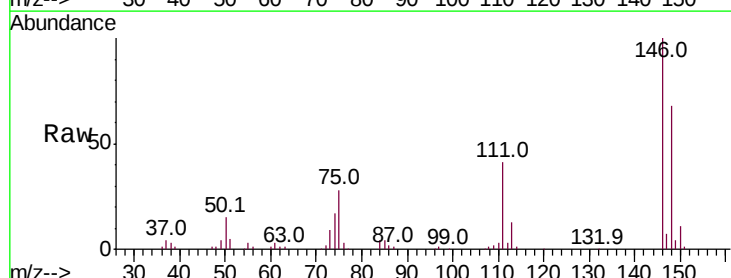
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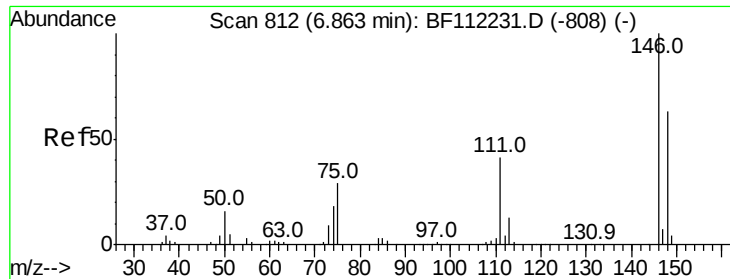
Sohil
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#12
1,3-Dichlorobenzene
Concen: 44.371 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:	146	Resp:	97457
Ion Ratio	Lower	Upper	
146	100		
148	67.9	51.8	77.8
75	28.0	23.1	34.7





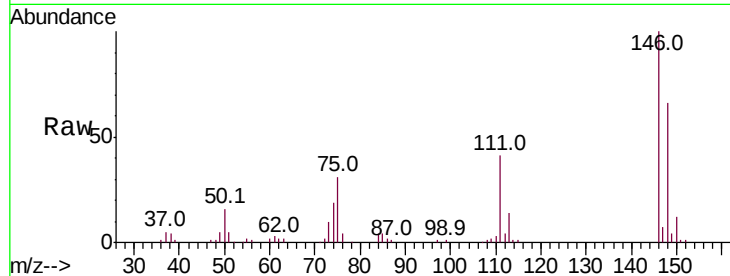
#13
 1,4-Dichlorobenzene
 Concen: 43.769 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampled :
 COMPMDS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.0	78.0
111	41.2	31.2	46.8

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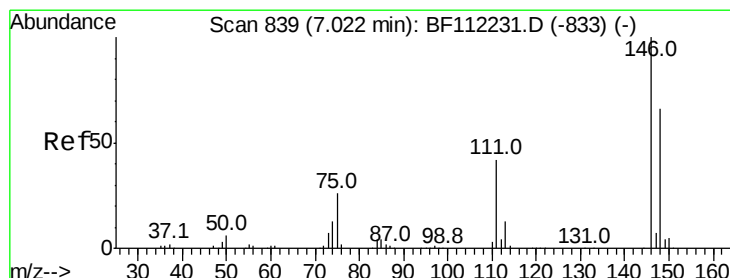
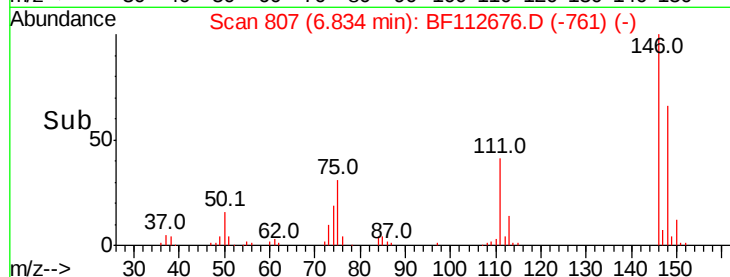
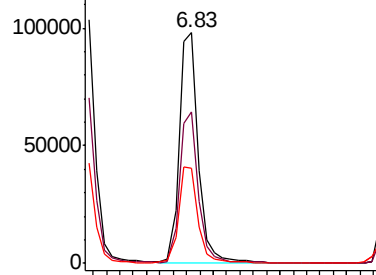


Abundance

Ion 146.00 (145.70 to 146.70): E

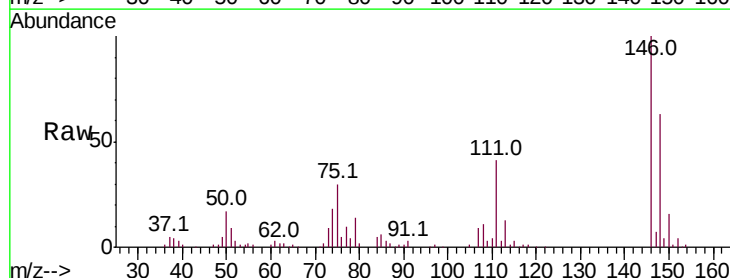
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 45.605 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.2	78.4
111	41.0	31.2	46.8

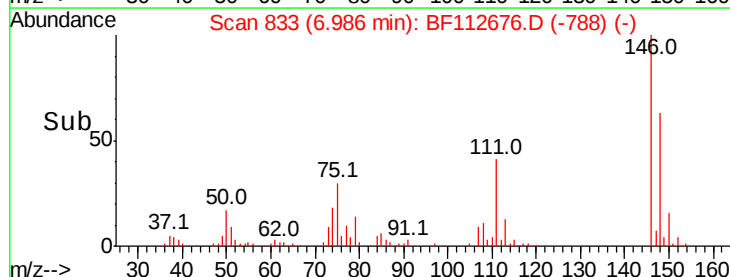
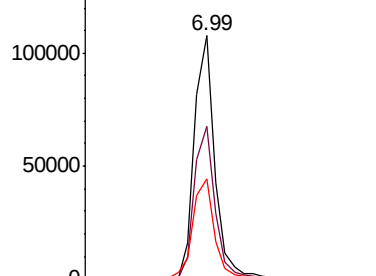


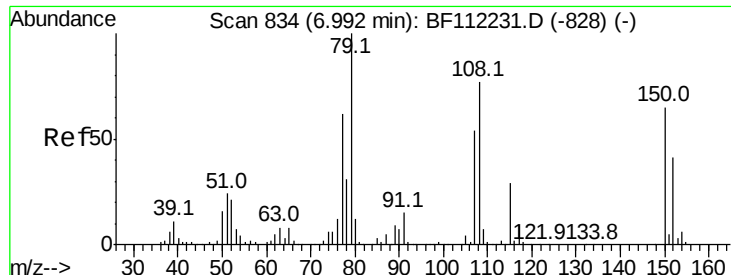
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





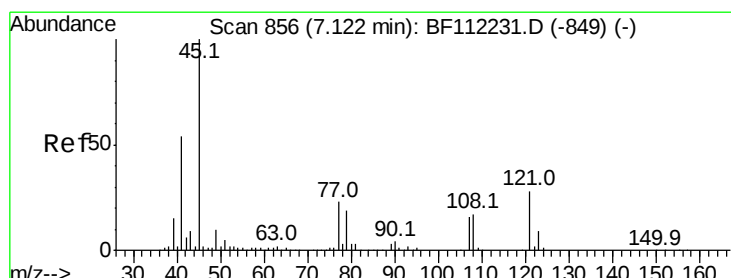
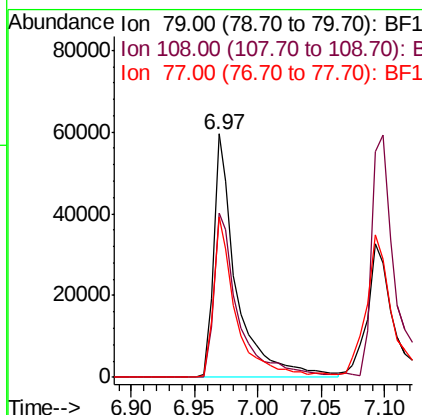
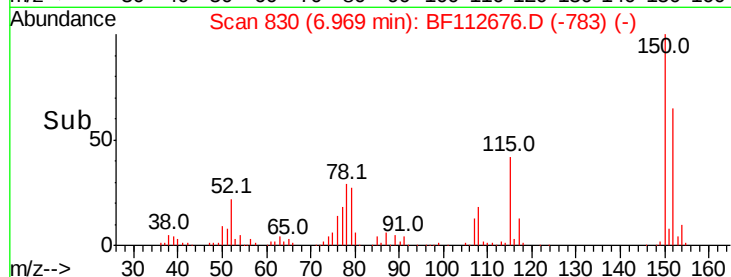
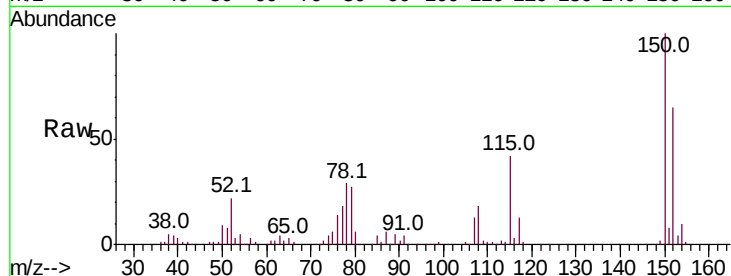
#15
Benzyl Alcohol
Concen: 45.878 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMDS

Tot Ion:	79	Resp:	75340
Ion Ratio	Lower	Upper	
79	100		
108	67.3	64.2	96.2
77	65.8	50.3	75.5

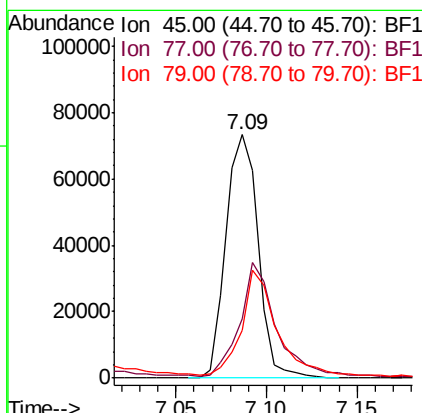
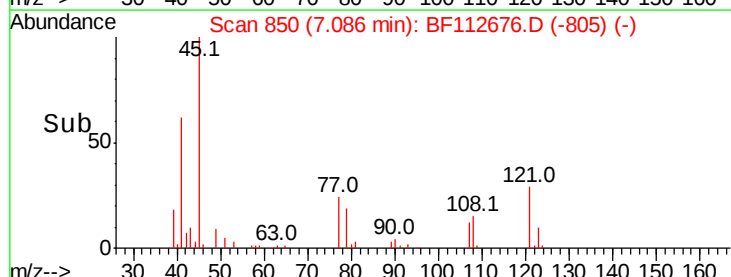
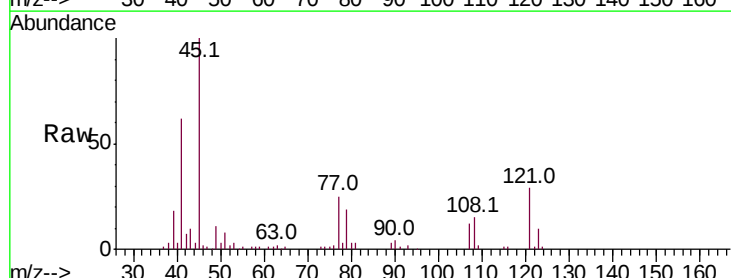
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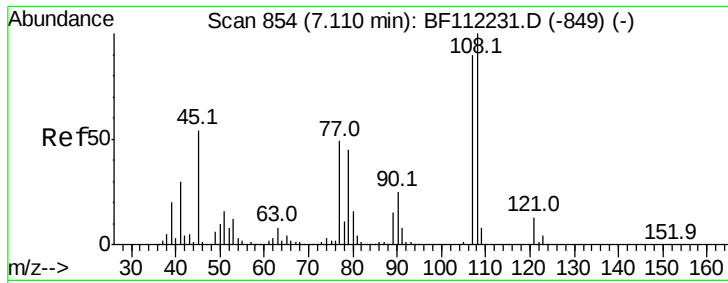
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.886 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:	45	Resp:	90491
Ion Ratio	Lower	Upper	
45	100		
77	24.5	0.0	36.9
79	19.4	0.0	34.0





#17

2-Methylphenol

Concen: 46.402 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

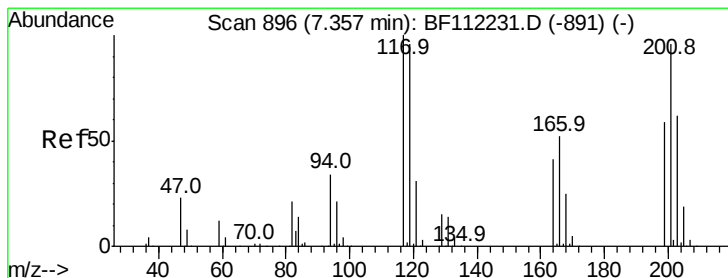
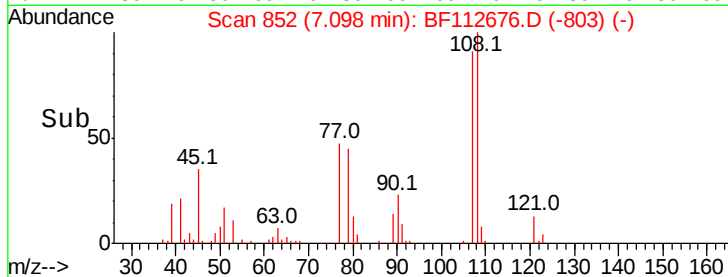
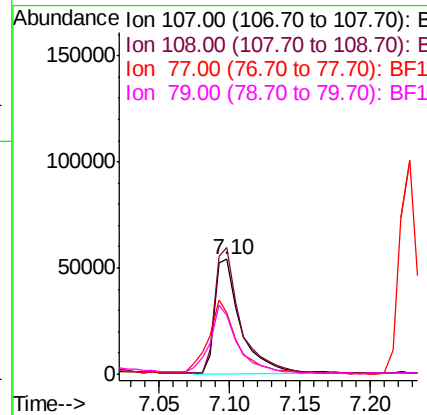
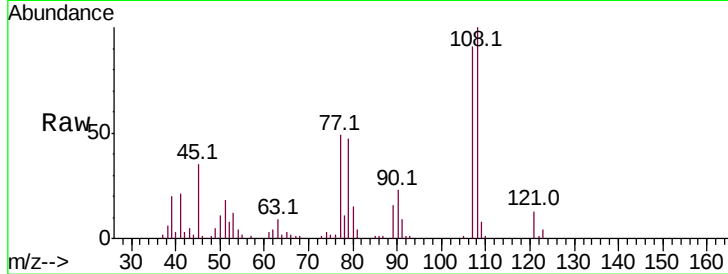
ClientSampled :

COMPMSD

Tot Ion:	107	Resp:	69373
Ion Ratio	Lower	Upper	
107	100		
108	109.5	91.3	136.9
77	53.4	39.0	58.6
79	51.6	37.0	55.4

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#18

Hexachloroethane

Concen: 43.883 ng

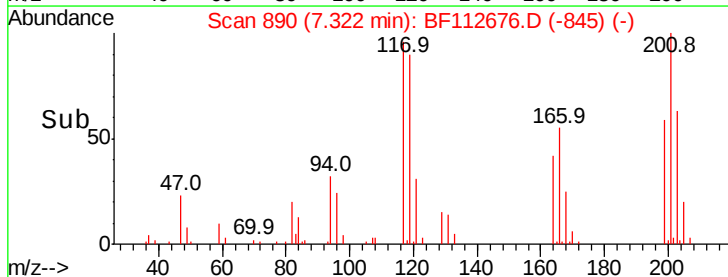
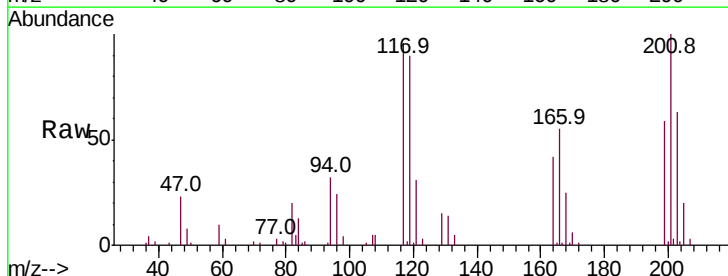
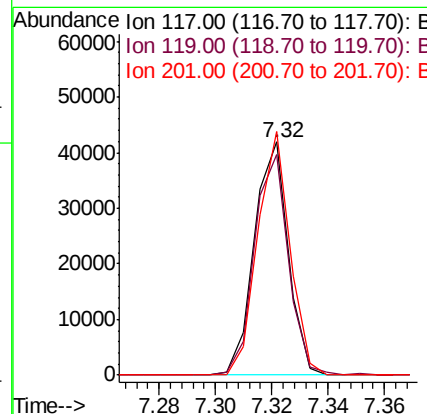
RT: 7.32 min Scan# 890

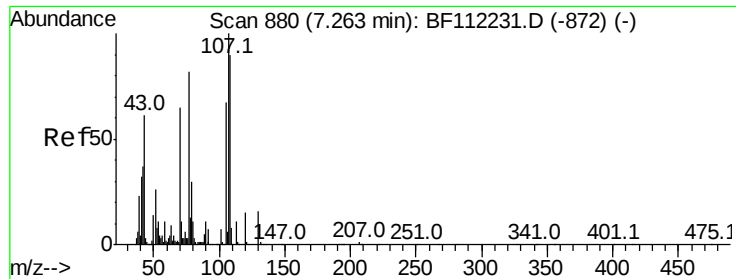
Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Tgt Ion:	117	Resp:	34833
Ion Ratio	Lower	Upper	
117	100		
119	94.5	77.0	115.4
201	104.6	74.1	111.1





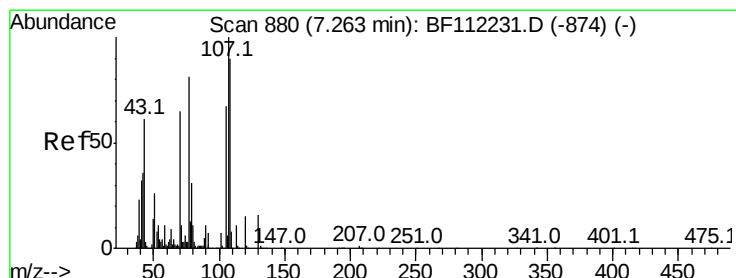
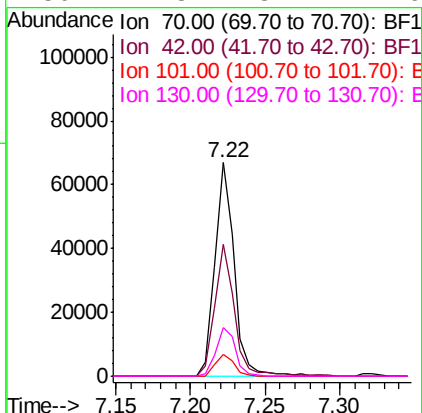
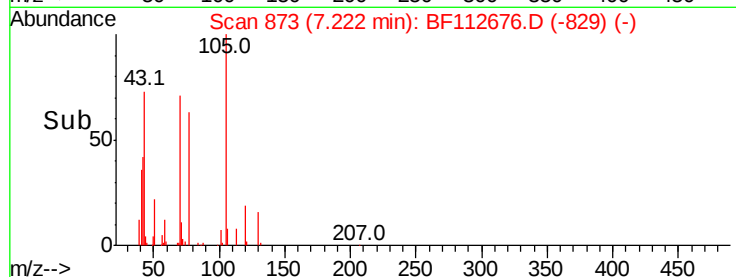
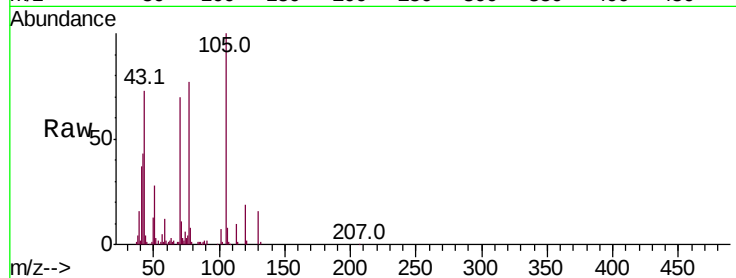
#19
n-Nitroso-di-n-propylamine
Concen: 44.901 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampled :
COMPMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.6	71.4
101	10.4	7.9	11.9
130	22.8	18.4	27.6

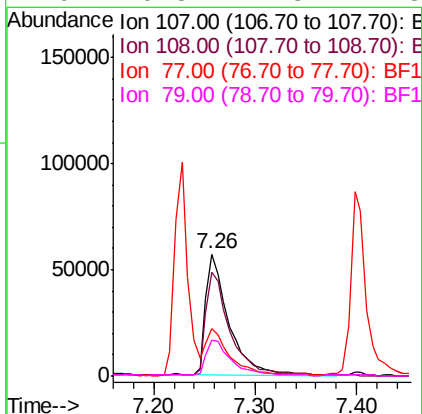
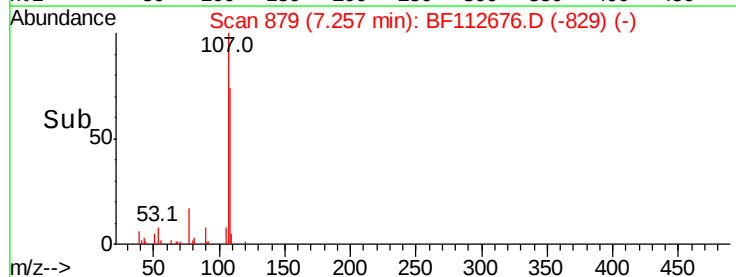
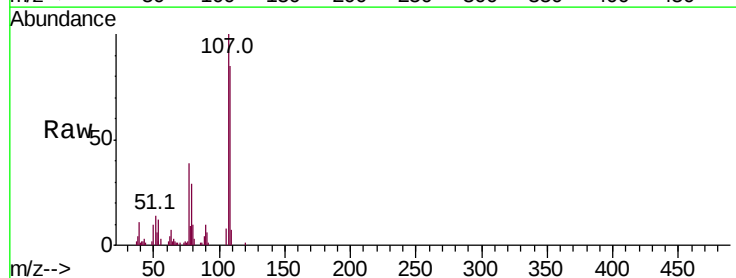
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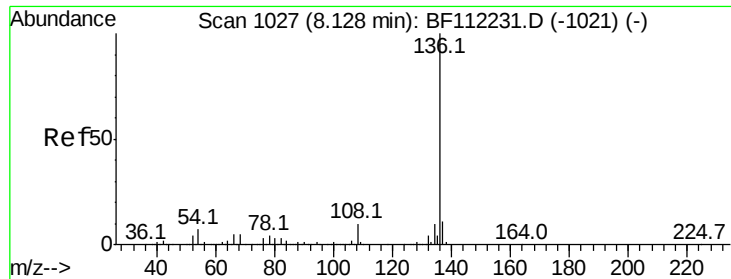
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#20
3+4-Methylphenols
Concen: 48.036 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.3	68.2	108.2
77	38.6	100.7	140.7#
79	29.3	7.3	47.3





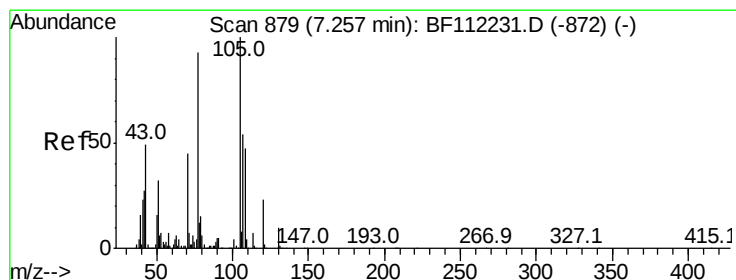
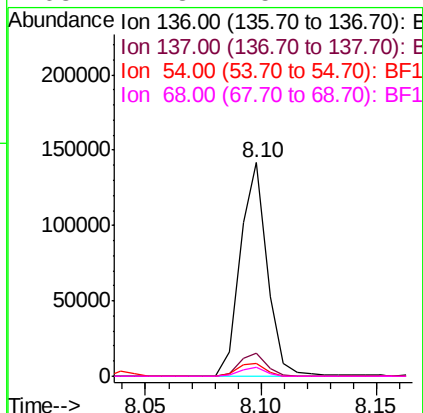
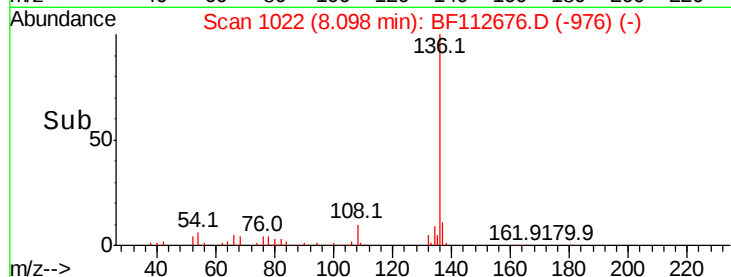
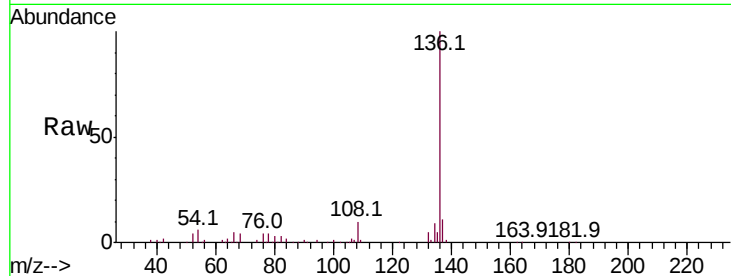
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	6.1	5.9	8.9	
68	4.3	5.1	7.7#	

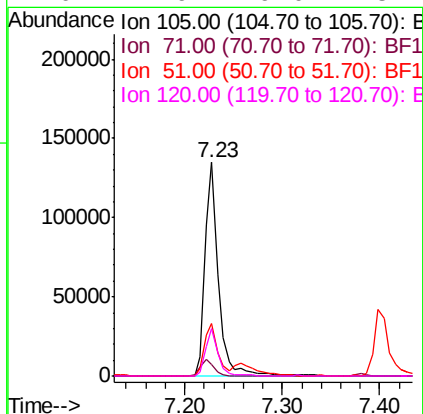
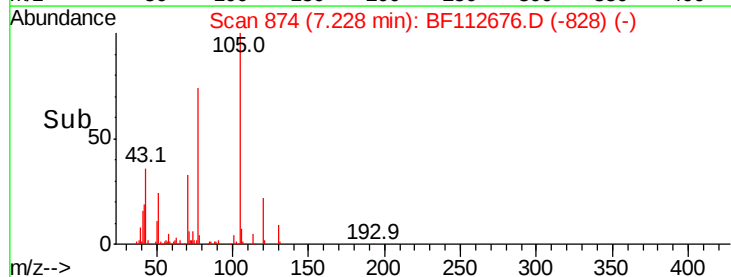
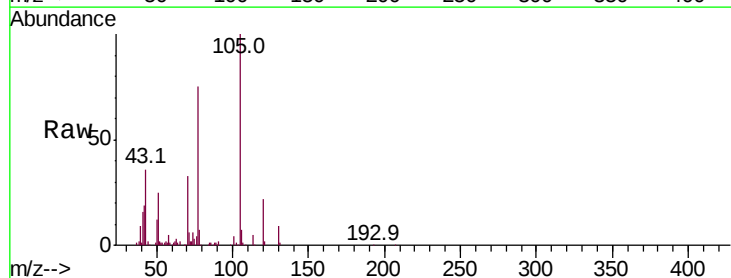
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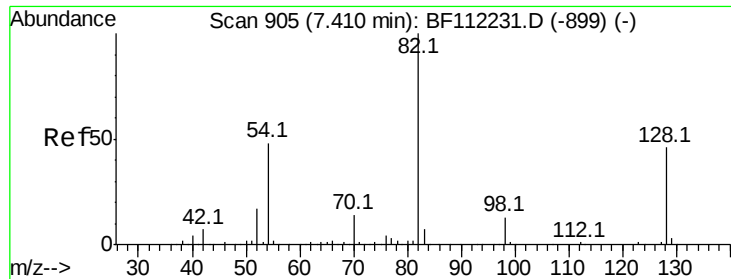
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#22
Acetophenone
Concen: 45.854 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.7	4.6	6.8	
51	24.7	25.0	37.6#	
120	21.9	19.0	28.4	





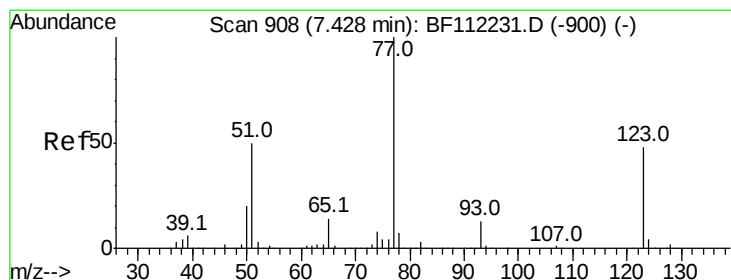
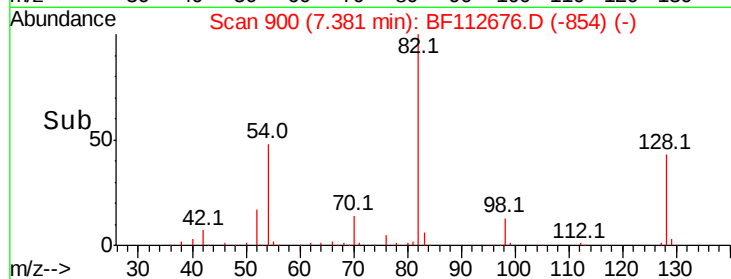
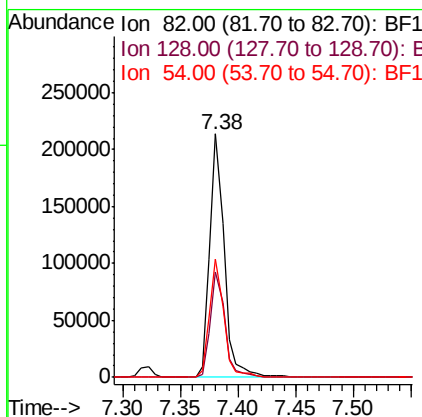
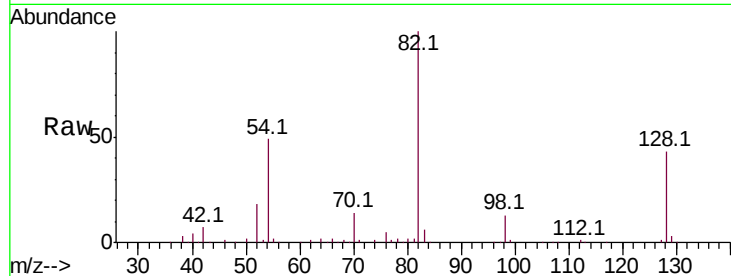
#23
 Nitrobenzene-d5
 Concen: 94.221 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.03 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampled :
 COMPMDS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.8	56.8
54	48.8	39.7	59.5

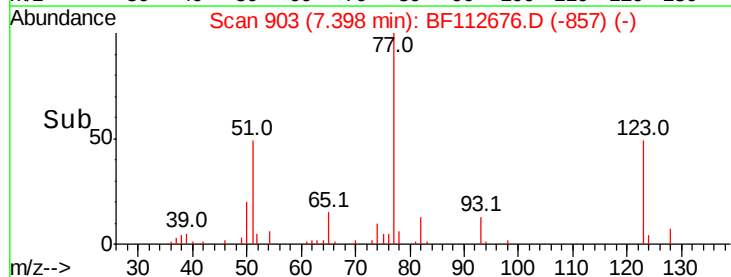
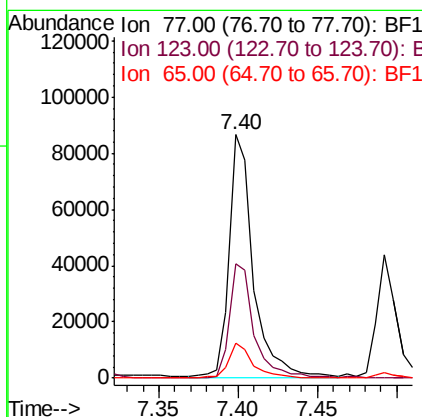
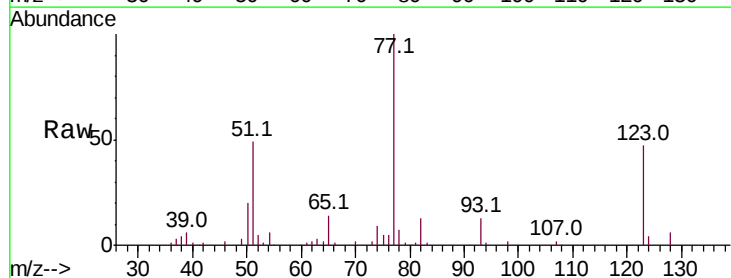
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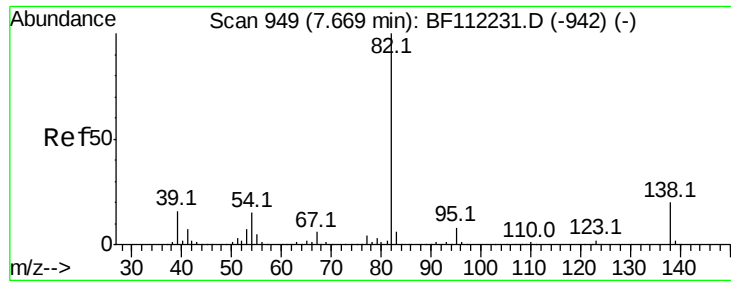
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#24
 Nitrobenzene
 Concen: 46.263 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	38.4	57.6
65	14.2	10.6	15.8





#25

Isophorone

Concen: 50.688 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

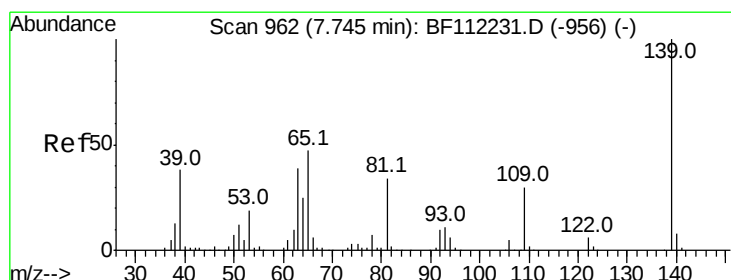
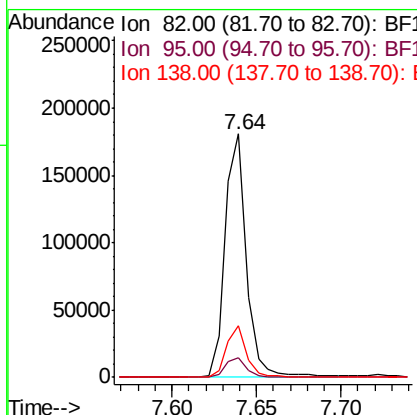
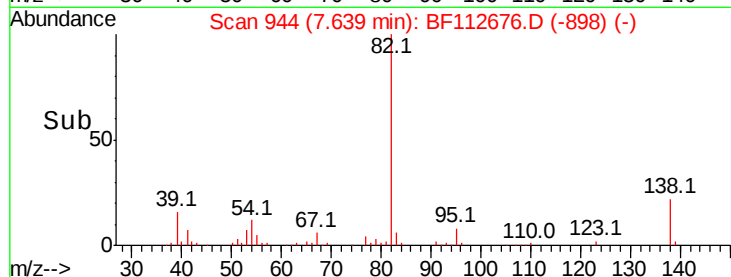
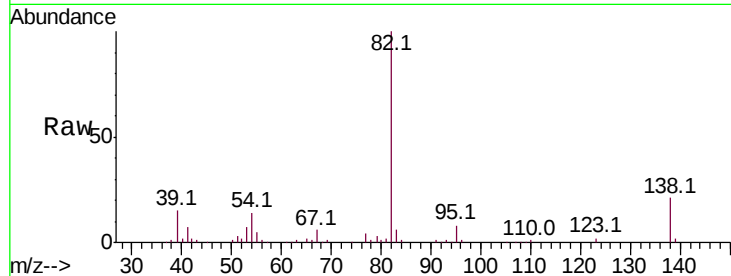
ClientSampleId :

COMPMSD

Tot Ion:	82	Resp:	159247
Ion Ratio		Lower	Upper
82	100		
95	8.0	5.7	8.5
138	21.1	15.4	23.0

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#26

2-Nitrophenol

Concen: 43.113 ng

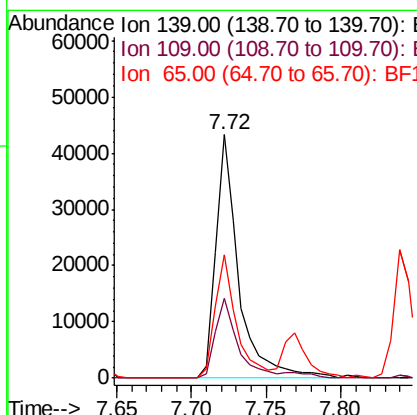
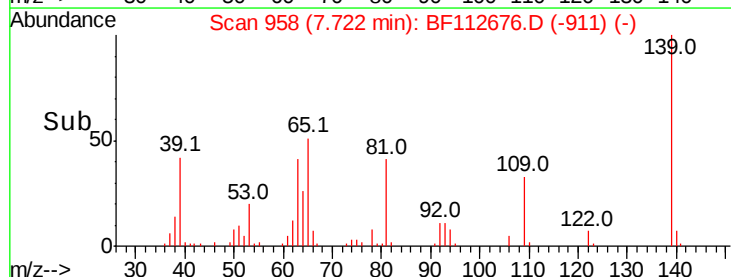
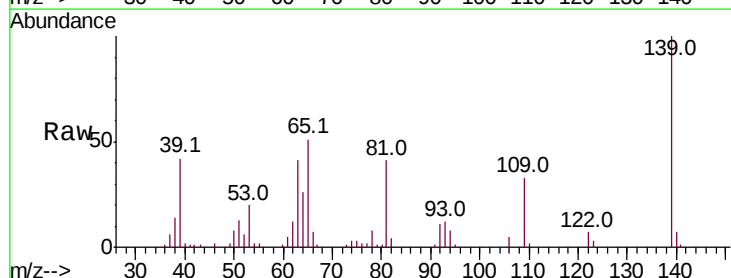
RT: 7.72 min Scan# 958

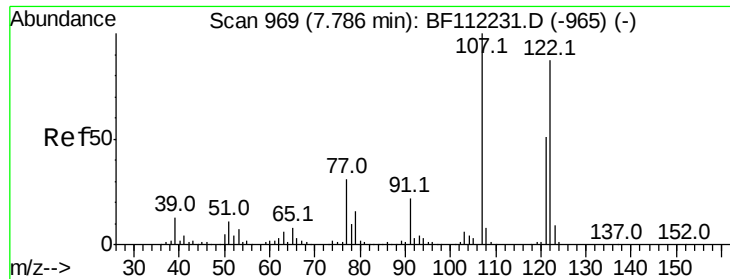
Delta R.T. -0.02 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Tgt Ion:	139	Resp:	46082
Ion Ratio		Lower	Upper
139	100		
109	33.0	20.8	31.2#
65	50.7	34.4	51.6





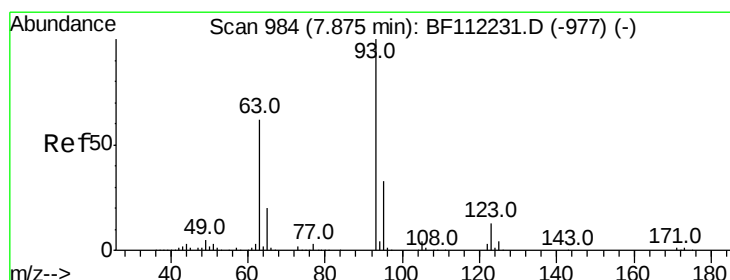
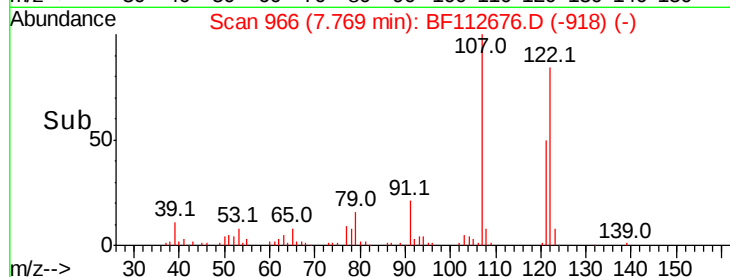
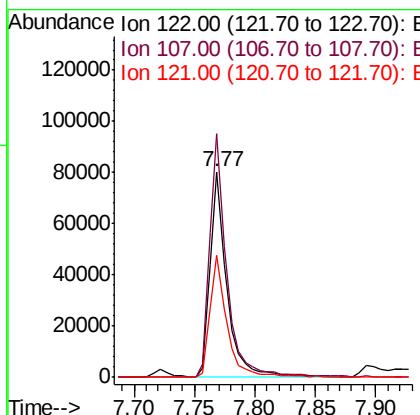
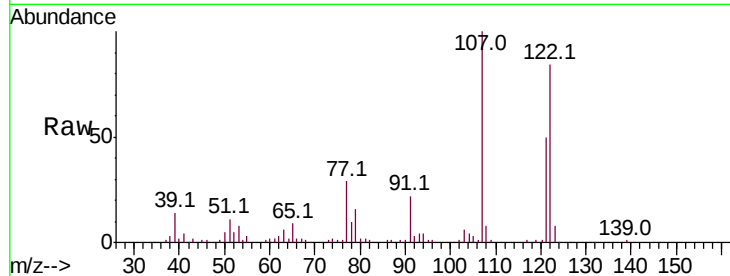
#27
2,4-Dimethylphenol
Concen: 52.726 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.3	85.4	128.0
121	59.6	47.0	70.4

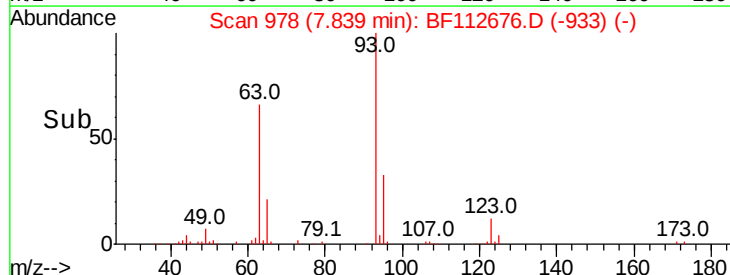
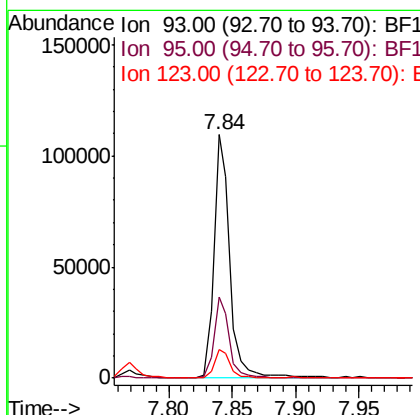
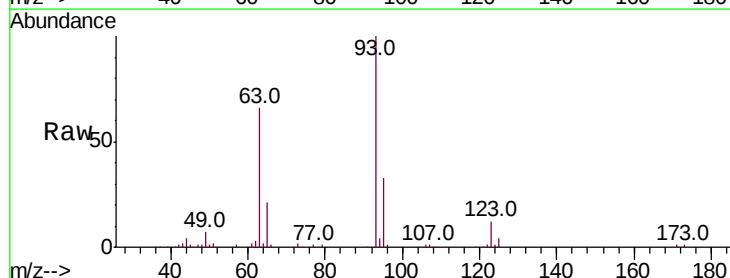
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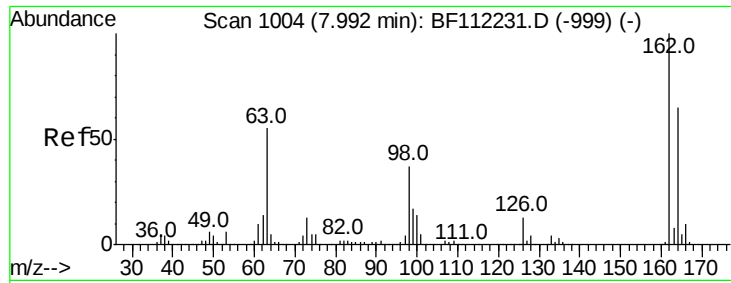
Sohil
2/25/2019 9:21:19 AM



#28
bis(2-Chloroethoxy)methane
Concen: 45.817 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.8	40.2
123	11.7	10.2	15.2





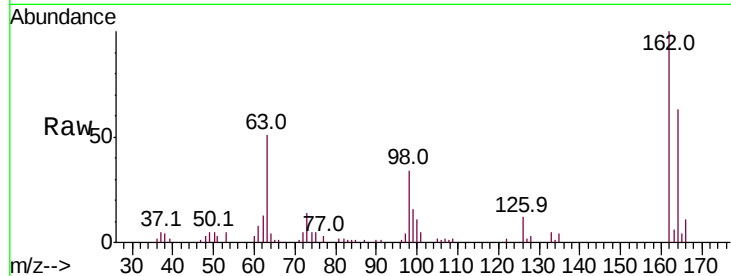
#29
2,4-Dichlorophenol
Concen: 46.211 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampled :
COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.5	44.6	84.6
98	34.5	14.6	54.6

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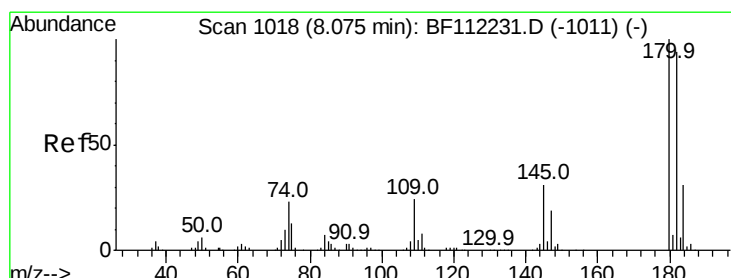
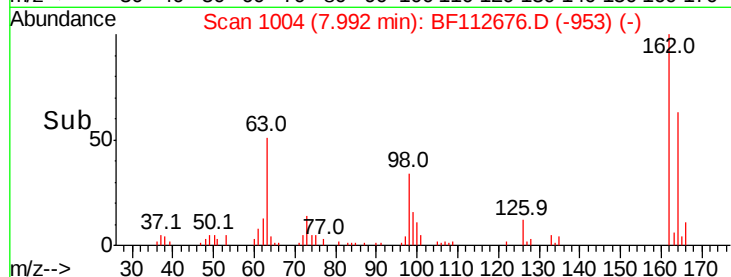
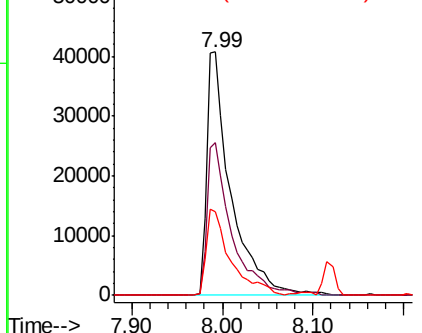


Abundance

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: 44.581 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

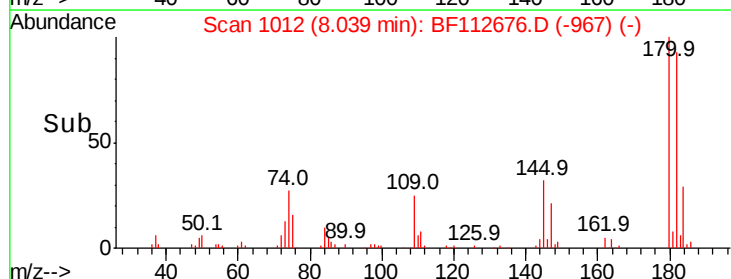
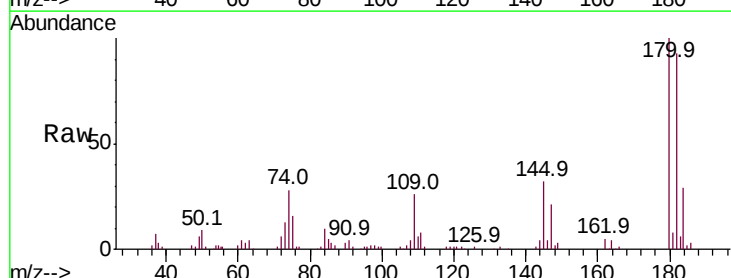
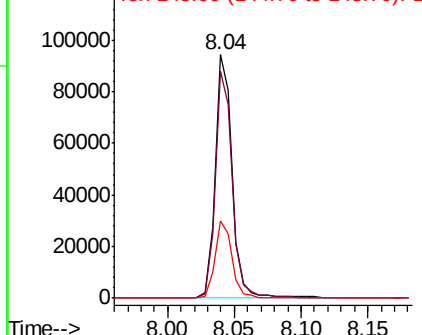
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.1	76.4	114.6
145	31.8	25.0	37.4

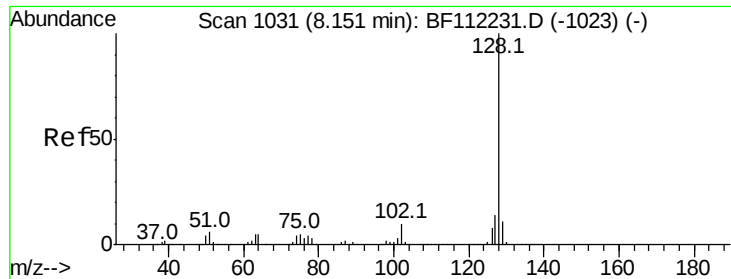
Abundance

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





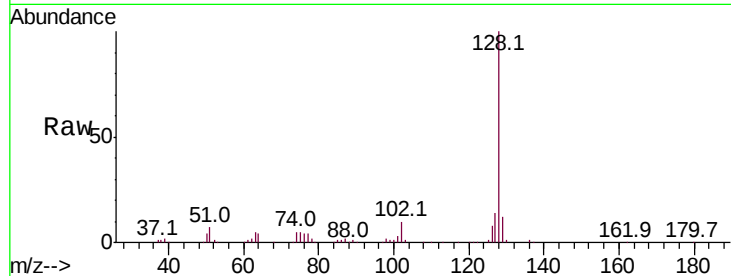
#31
Naphthalene
Concen: 54.911 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

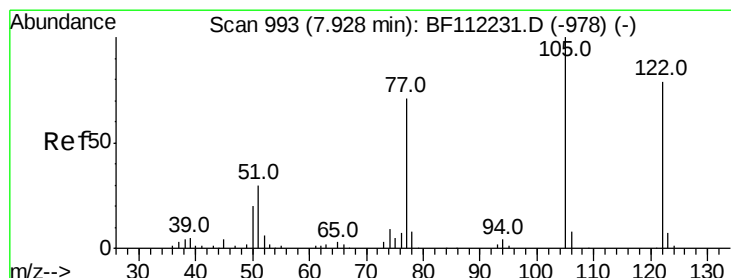
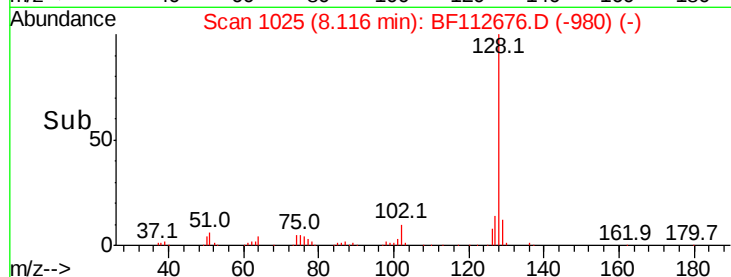
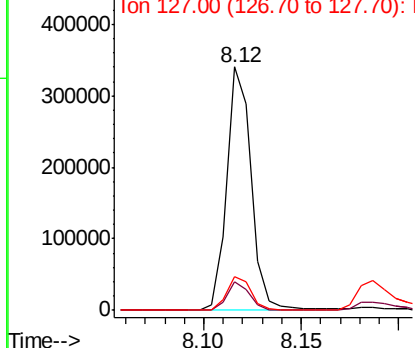
Tot Ion	Ratio	Resp	Lower	Upper
128	100	296314		
129	11.7	9.6	14.4	
127	13.8	11.1	16.7	

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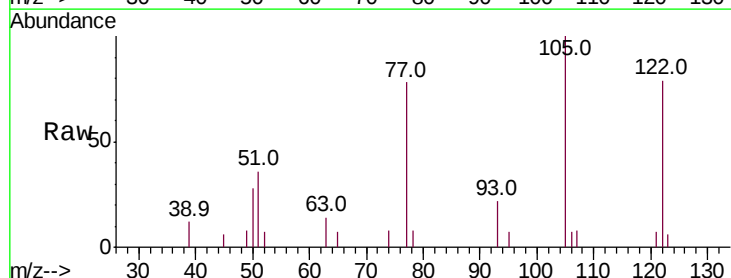


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

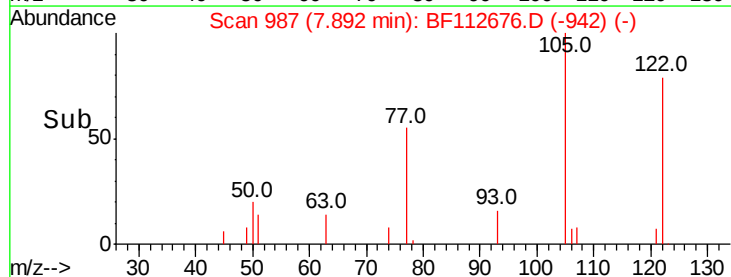
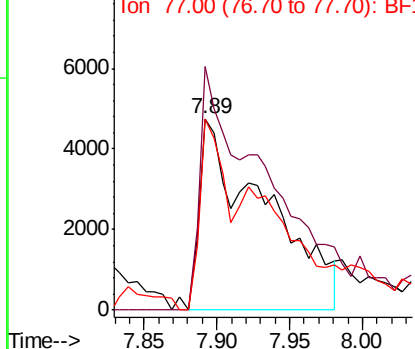


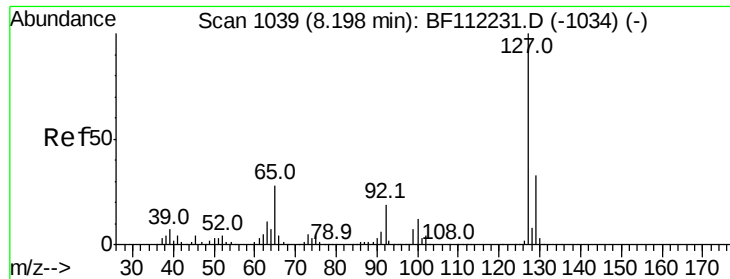
#32
Benzoic acid
Concen: 17.804 ng m
RT: 7.89 min Scan# 987
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	14956		
105	127.1	101.2	141.2	
77	99.7	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





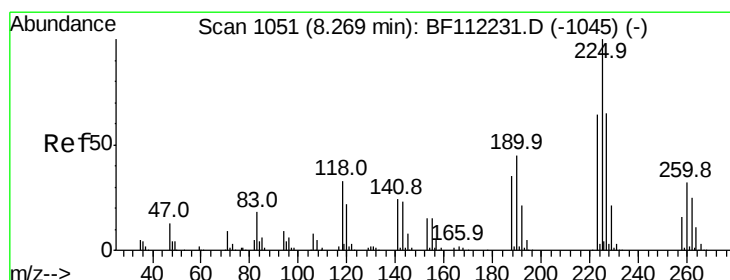
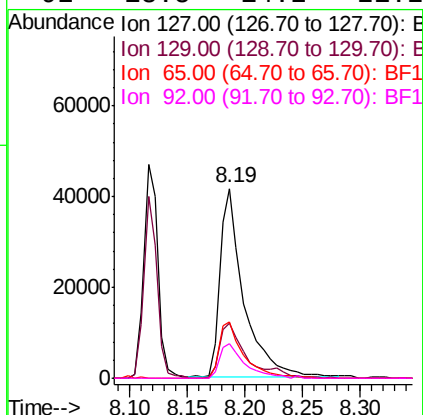
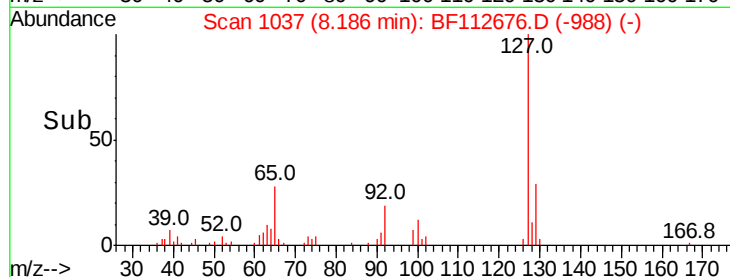
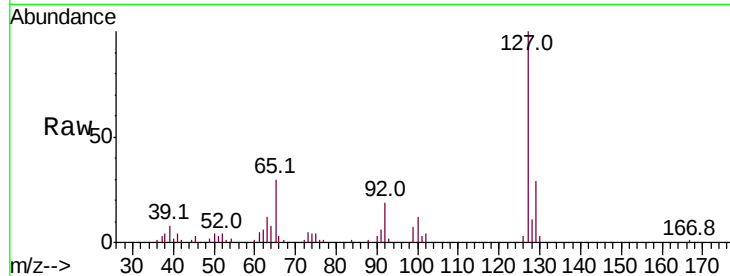
#33
4-Chloroaniline
Concen: 25.209 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.2	26.6	39.8
65	29.7	21.4	32.2
92	18.5	14.2	21.2

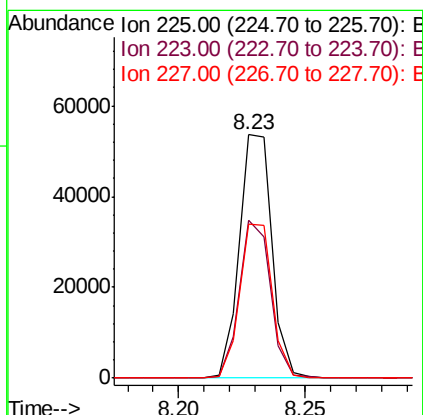
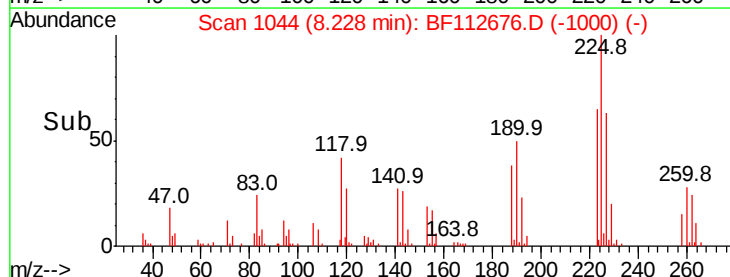
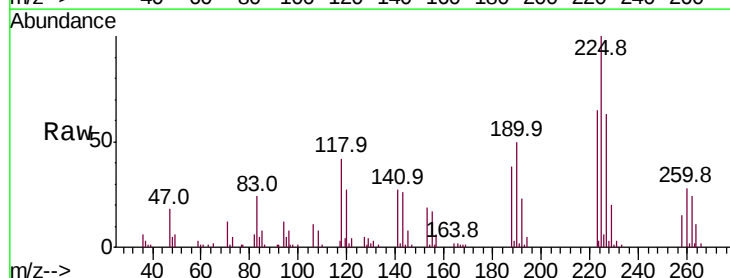
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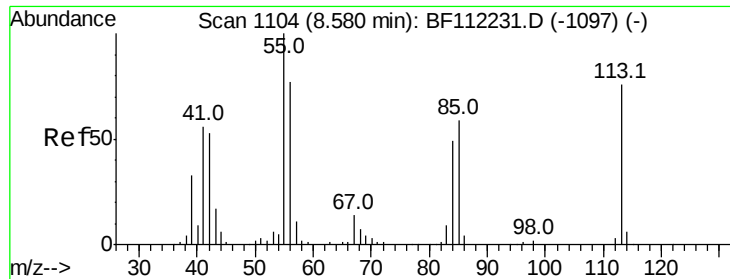
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#34
Hexachlorobutadiene
Concen: 43.023 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	50.3	75.5
227	63.5	51.8	77.8





#35

Caprolactam

Concen: 39.959 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.05 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

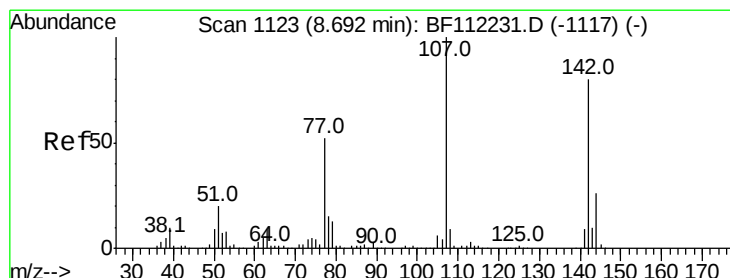
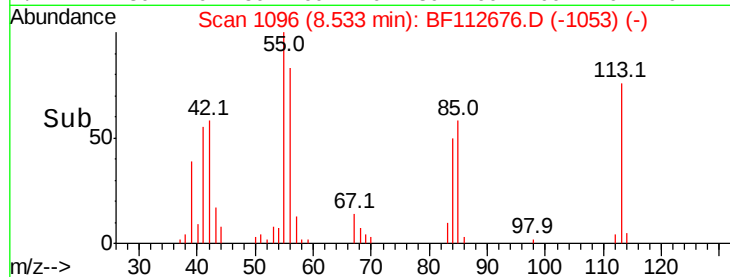
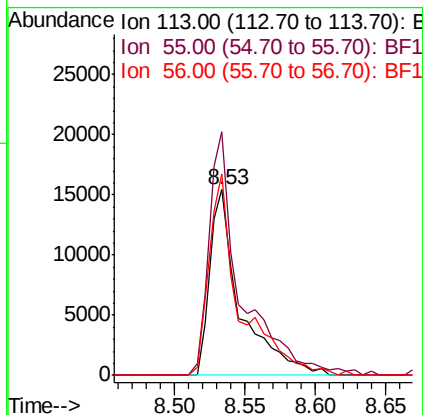
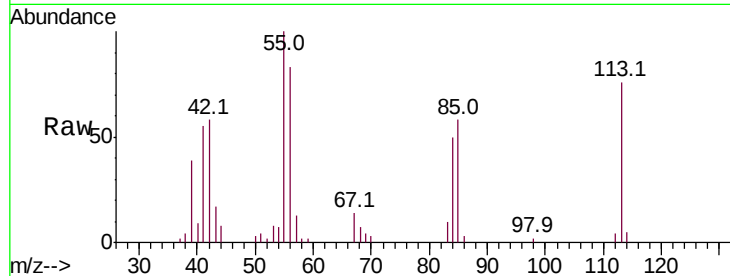
ClientSampled :

COMPMSD

Tot Ion:	113	Resp:	23231
Ion Ratio	Lower	Upper	
113	100		
55	131.1	121.6	161.6
56	108.6	86.7	126.7

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#36

4-Chloro-3-methylphenol

Concen: 46.132 ng

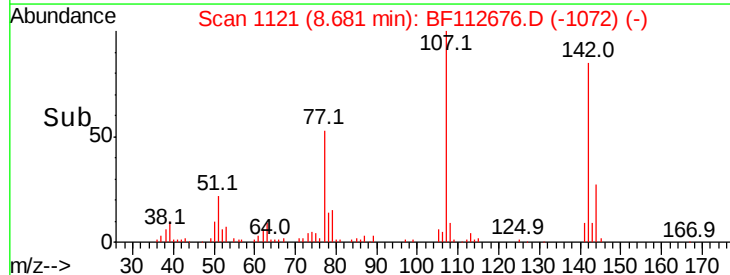
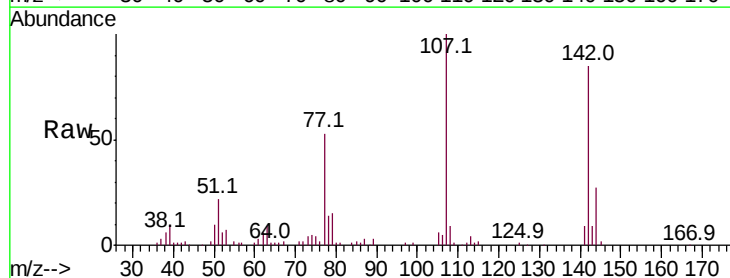
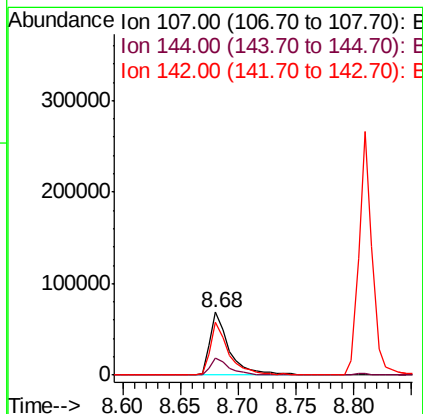
RT: 8.68 min Scan# 1121

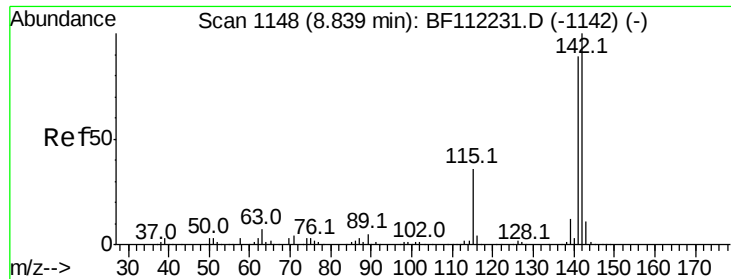
Delta R.T. -0.01 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Tgt Ion:	107	Resp:	80482
Ion Ratio	Lower	Upper	
107	100		
144	26.6	22.2	33.2
142	85.2	67.7	101.5





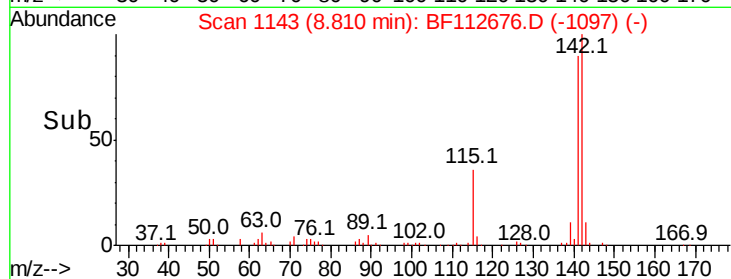
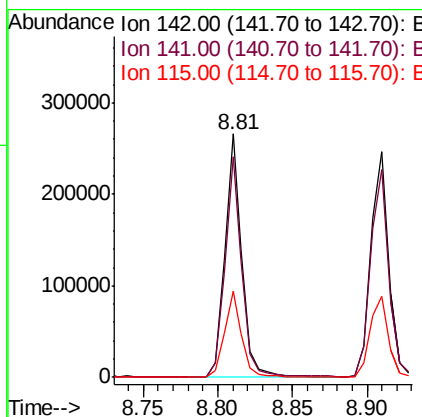
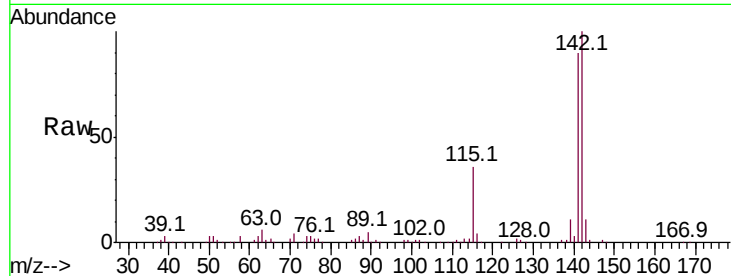
#37
2-Methylnaphthalene
Concen: 58.023 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
142	100		
141	90.4	70.9	106.3
115	35.5	24.9	37.3

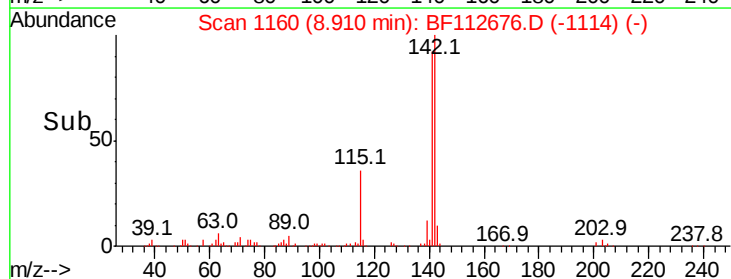
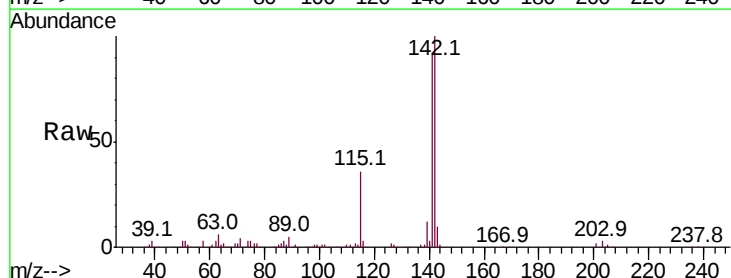
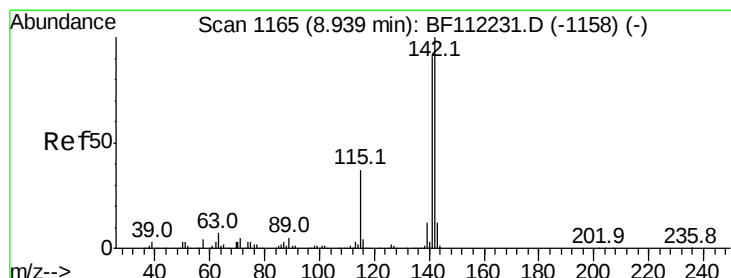
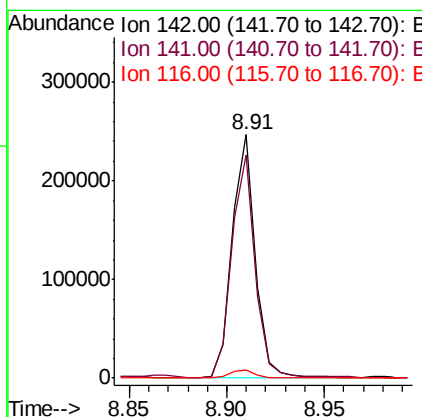
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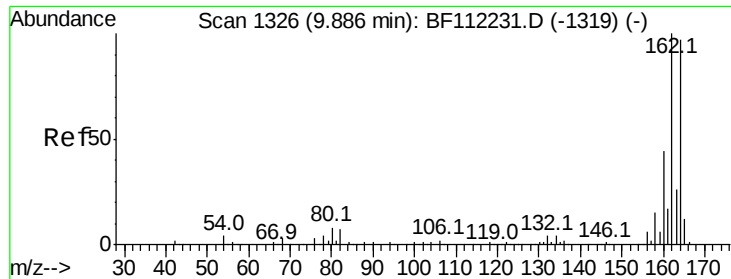
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#38
1-Methylnaphthalene
Concen: 56.755 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	91.8	72.6	108.8
116	3.4	2.8	4.2





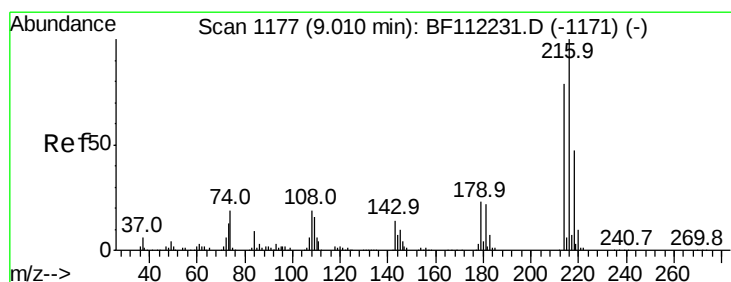
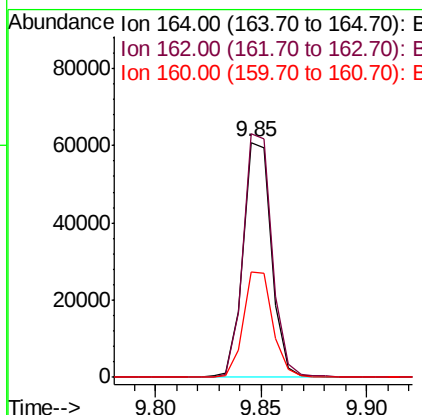
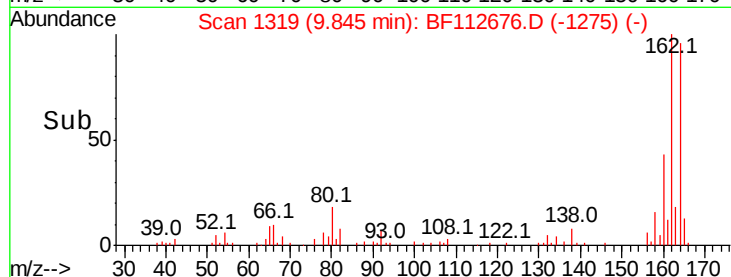
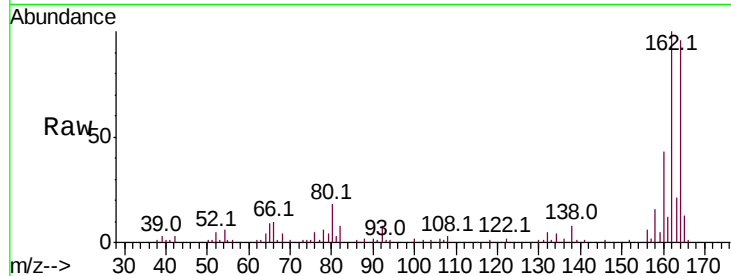
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.2	123.4
160	44.7	36.2	54.4

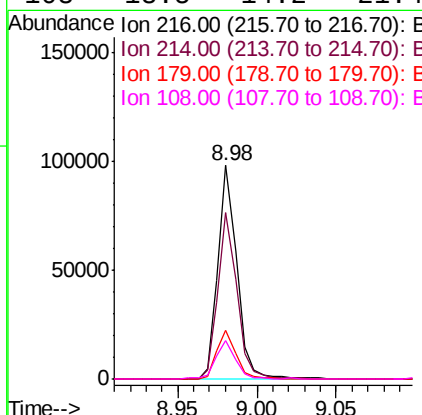
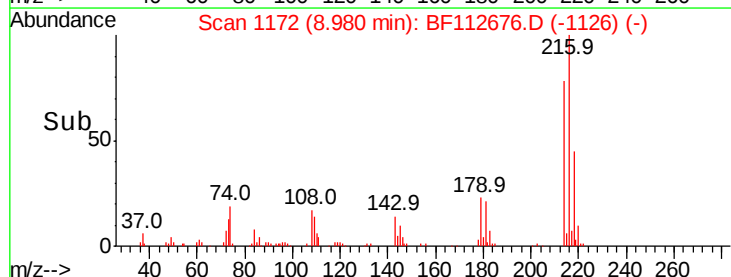
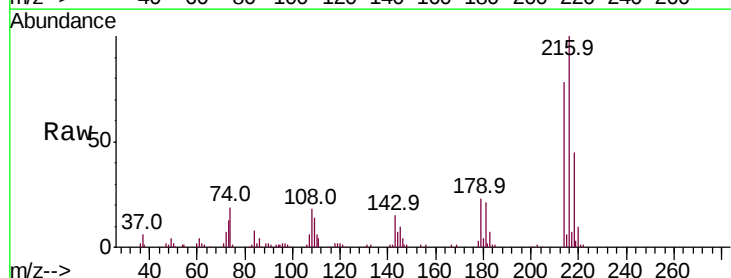
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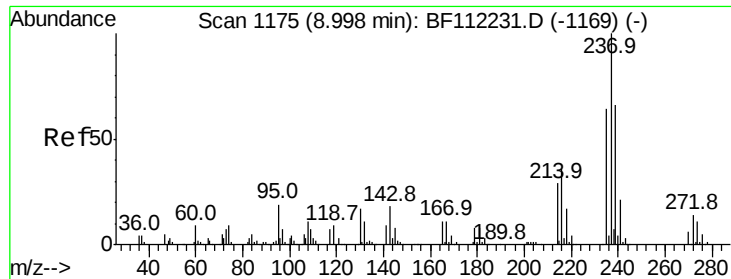
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.138 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.8	95.6
179	23.0	16.9	25.3
108	18.5	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 15.771 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

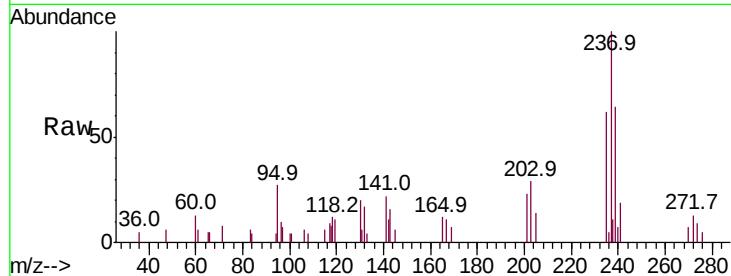
ClientSampled :

COMPMSD

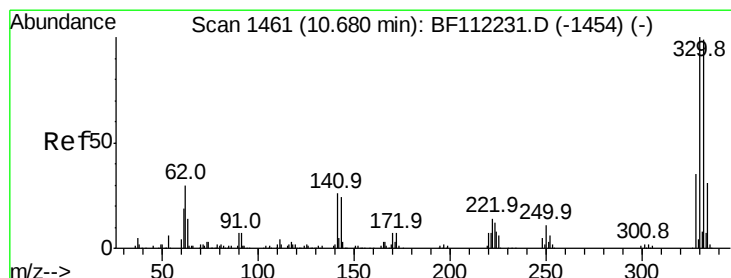
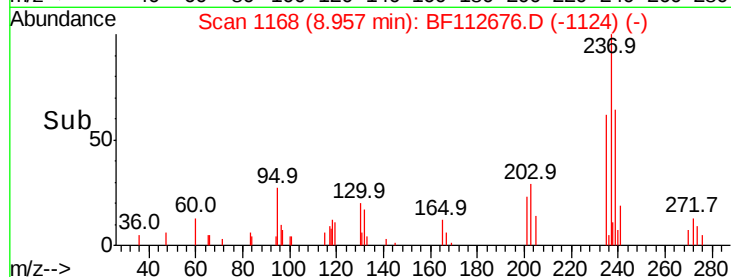
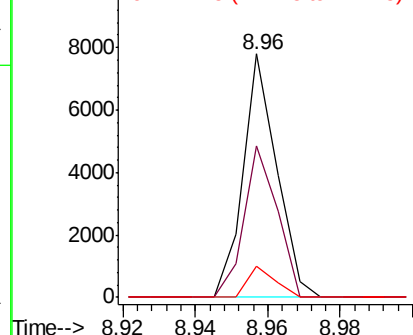
Tot Ion:	237	Resp:	5013
Ion Ratio	Lower	Upper	
237	100		
235	62.0	44.0	84.0
272	12.6	0.0	33.3

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: 139.939 ng

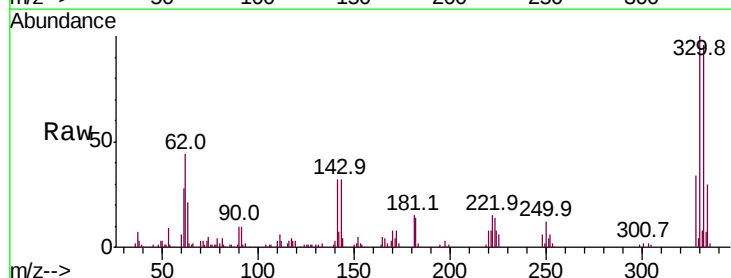
RT: 10.65 min Scan# 1455

Delta R.T. -0.04 min

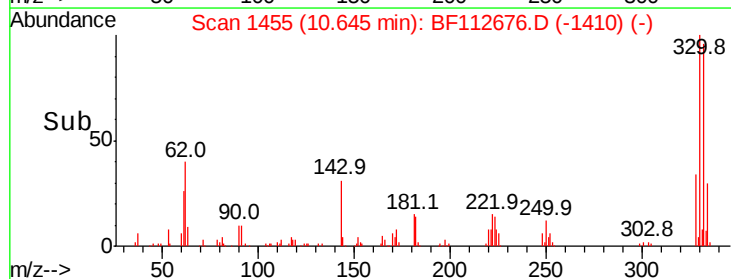
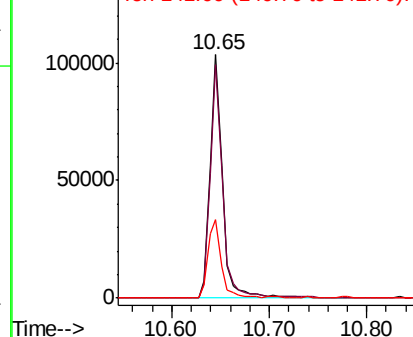
Lab File: BF112676.D

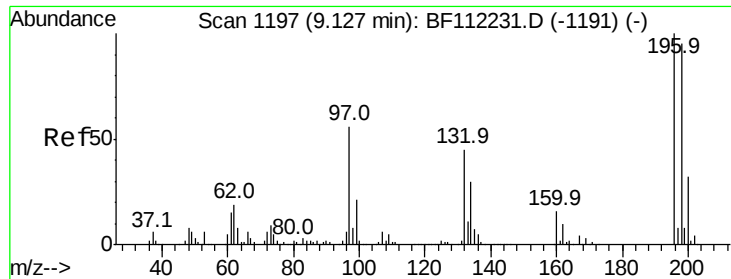
Acq: 22 Feb 2019 20:38

Tgt Ion:	330	Resp:	92268
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.6	114.8
141	34.5	24.3	36.5



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





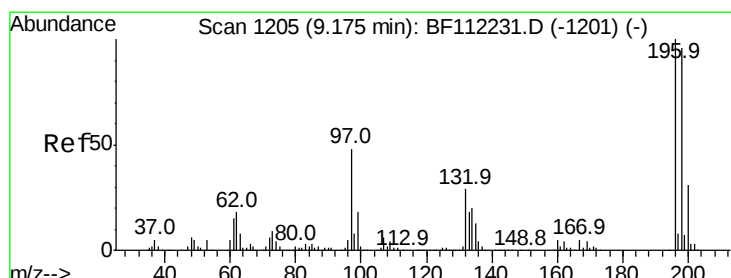
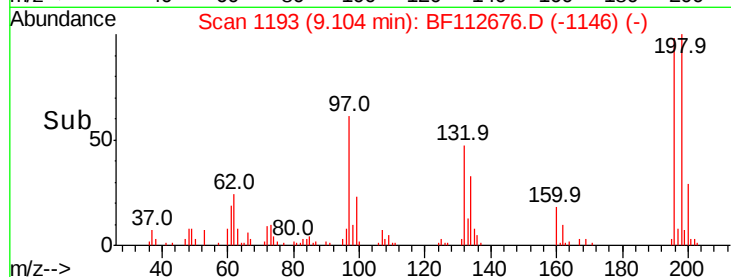
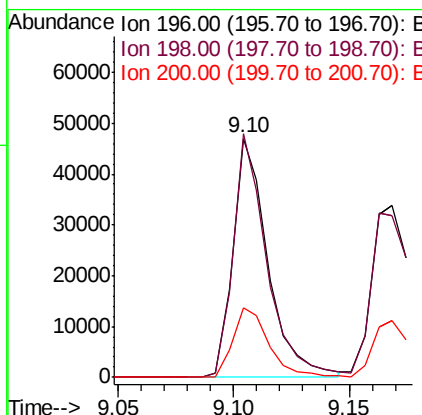
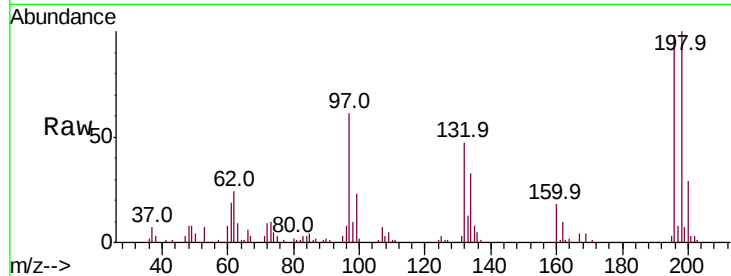
#43
 2,4,6-Trichlorophenol
 Concen: 43.337 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampled :
 COMPMDS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	49684		
198	101.8	76.2	114.4	
200	29.2	24.3	36.5	

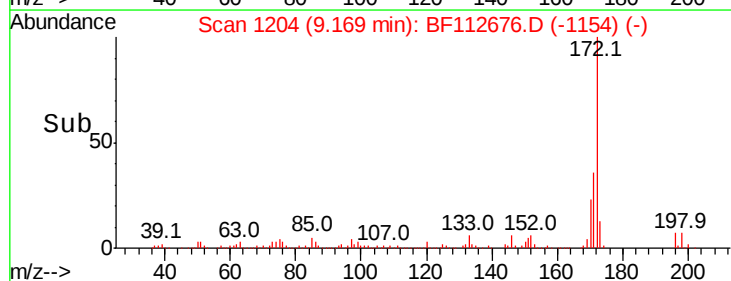
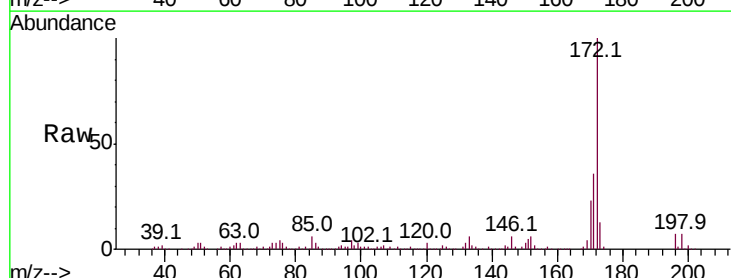
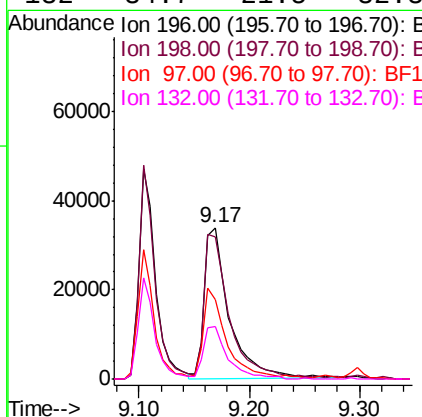
Manual Integrations
 APPROVED

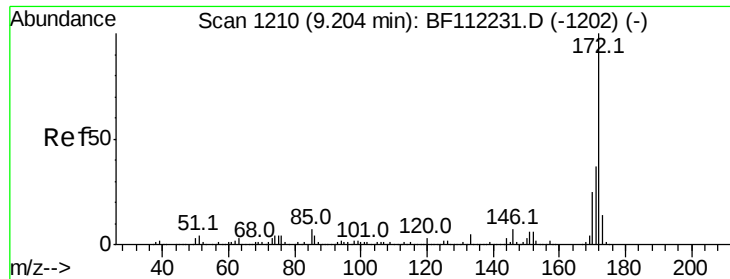
Sohil
 2/25/2019 9:21:19 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.285 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	51864		
198	93.7	76.0	114.0	
97	52.5	36.4	54.6	
132	34.7	21.5	32.3	





#45

2-Fluorobiphenyl

Concen: 93.487 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

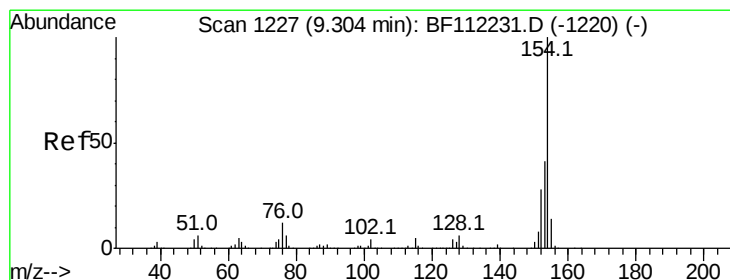
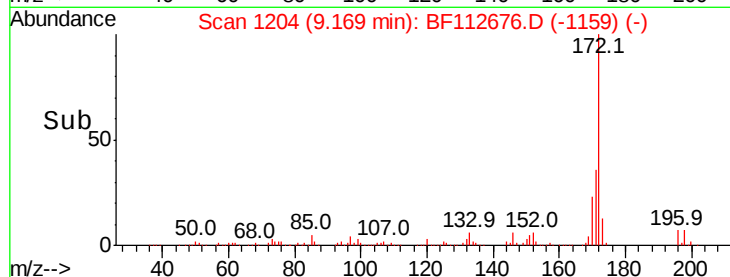
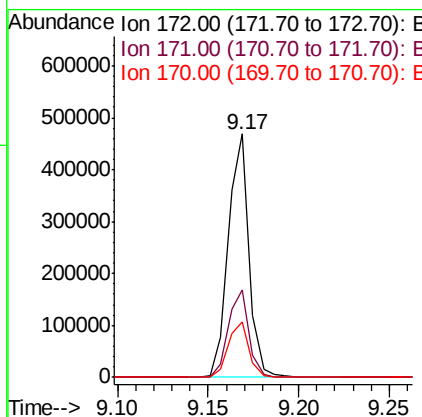
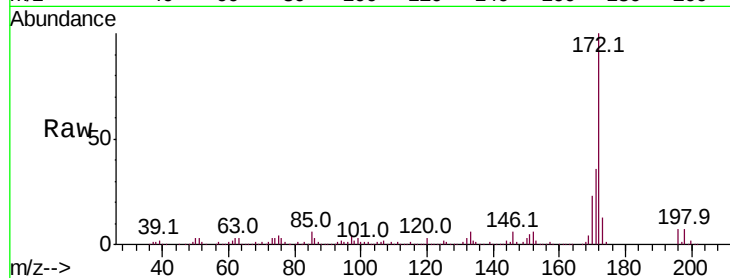
ClientSampleId :

COMPMSD

Tot Ion:	172	Resp:	374427
Ion Ratio	Lower	Upper	
172	100		
171	35.9	30.5	45.7
170	23.0	20.2	30.4

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#46

1,1'-Biphenyl

Concen: 46.854 ng

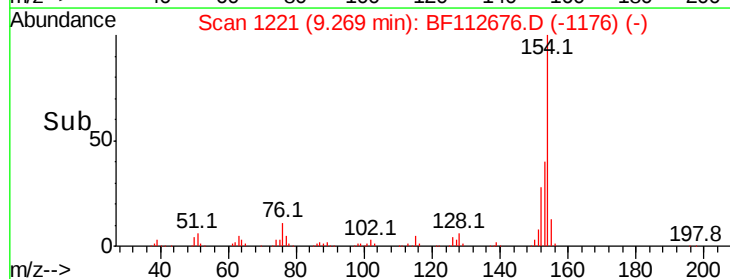
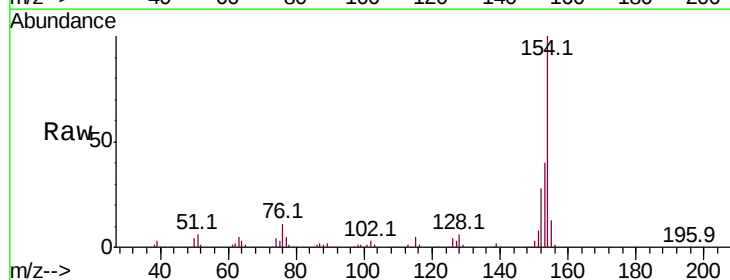
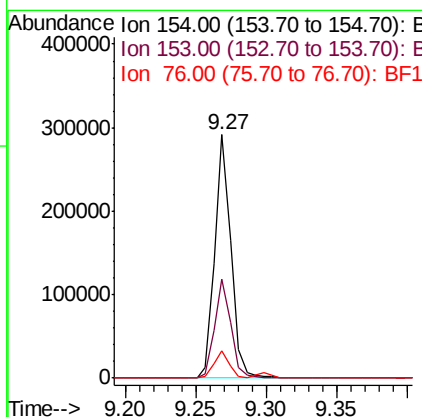
RT: 9.27 min Scan# 1221

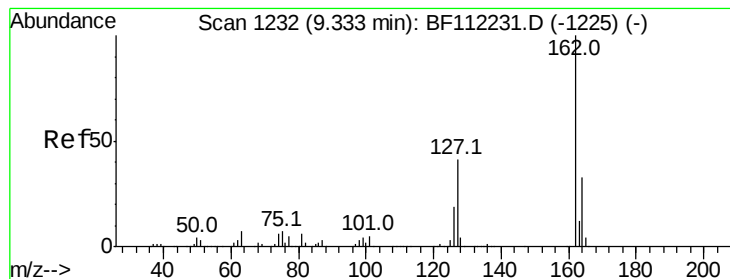
Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Tgt Ion:	154	Resp:	232028
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.5	61.5
76	11.3	0.0	33.1





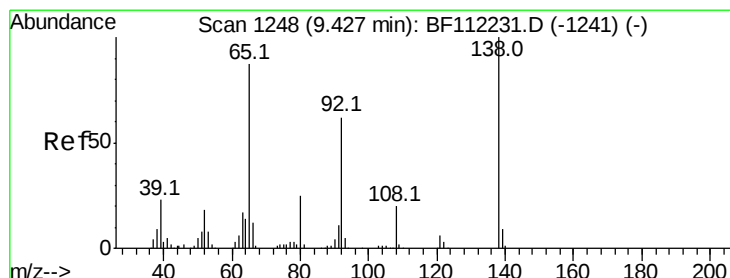
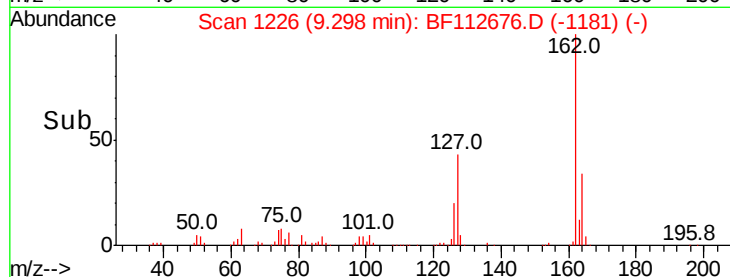
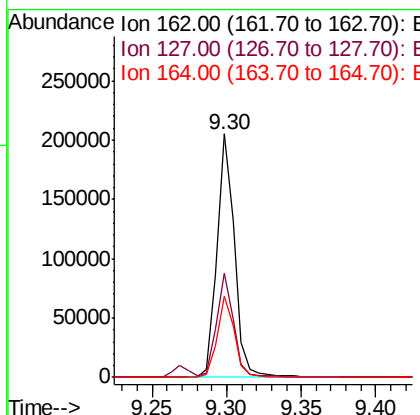
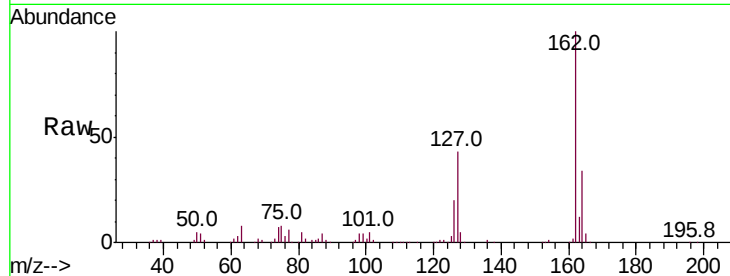
#47
 2-Chloronaphthalene
 Concen: 44.148 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampled :
 COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		169541		
127	42.9	30.4	45.6		
164	33.5	27.4	41.2		

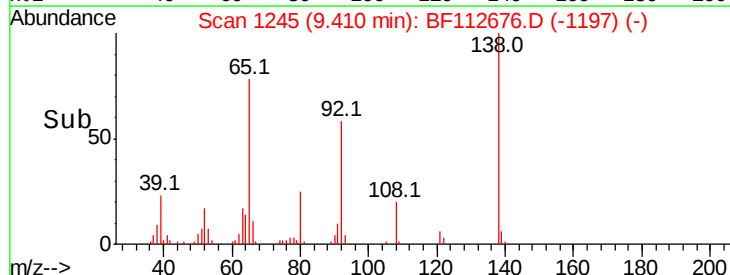
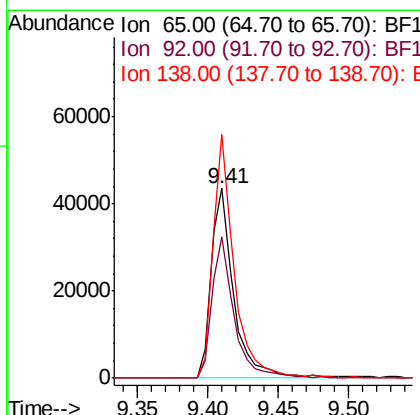
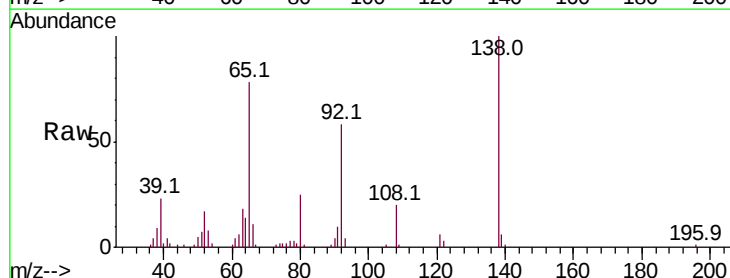
Manual Integrations
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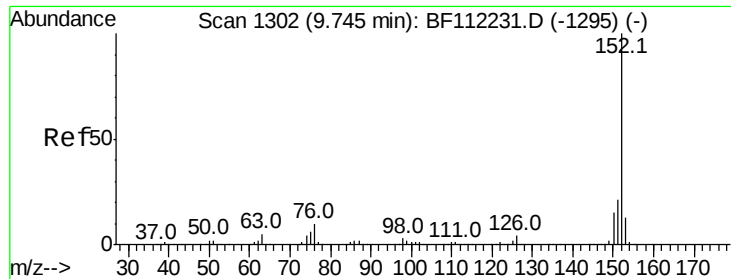
Sohil
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#48
 2-Nitroaniline
 Concen: 45.919 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		48063		
92	74.4	60.4	90.6		
138	128.3	104.4	156.6		





#49

Acenaphthylene

Concen: 53.384 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

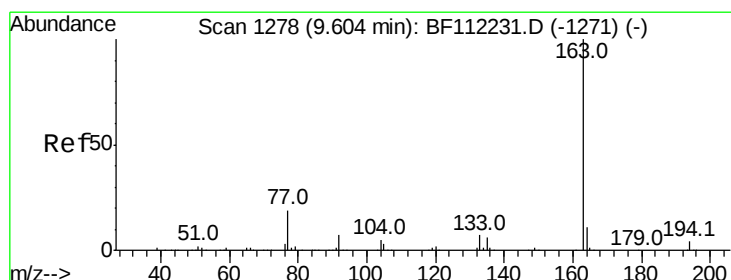
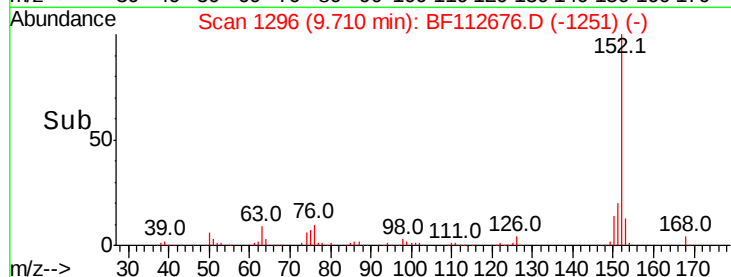
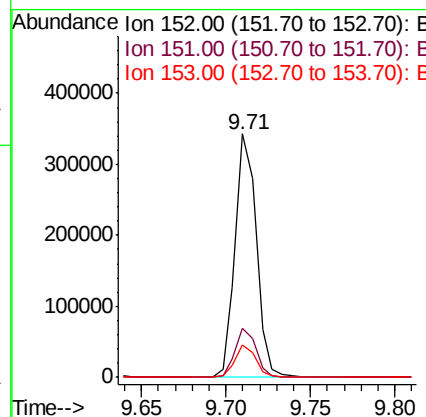
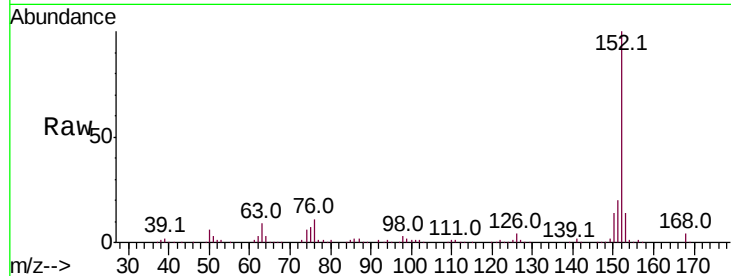
ClientSampleId :

COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.0	25.6
153	13.5	11.2	16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 50.198 ng

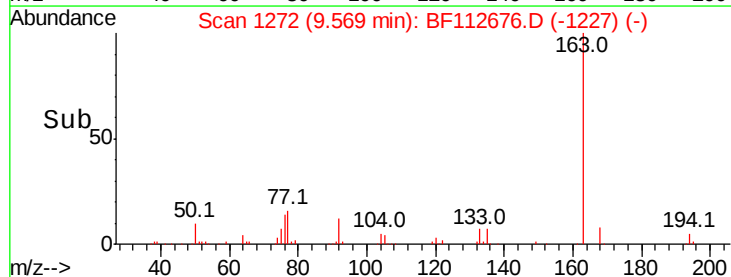
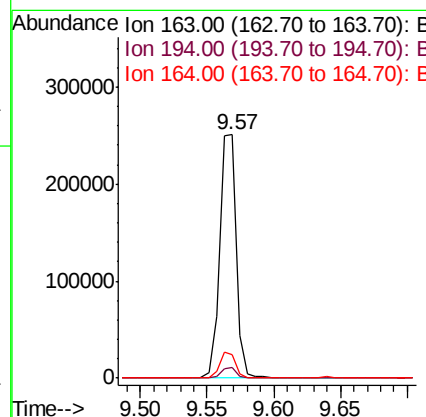
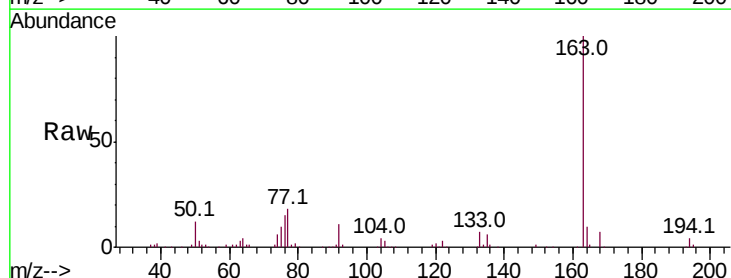
RT: 9.57 min Scan# 1272

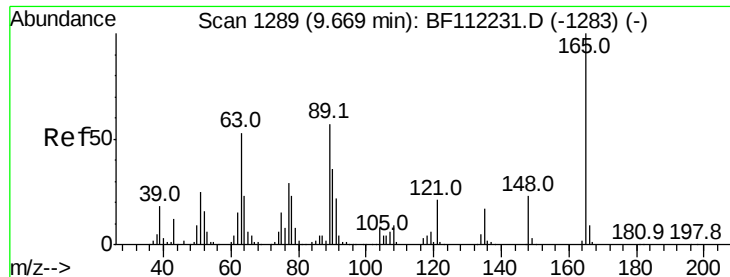
Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.6	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 44.471 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

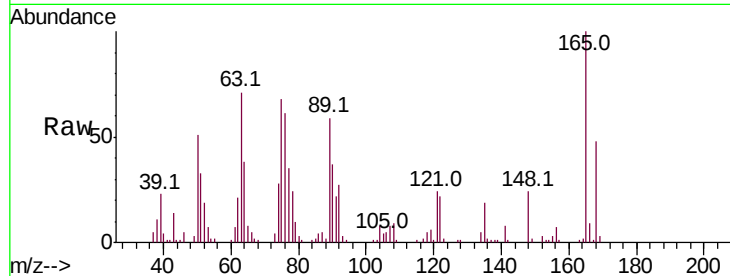
ClientSampled :

COMPMSD

Tot Ion:	165	Resp:	43834
Ion Ratio	Lower	Upper	
165	100		
63	71.3	33.8	50.8#
89	59.3	36.9	55.3#

Manual Integrations
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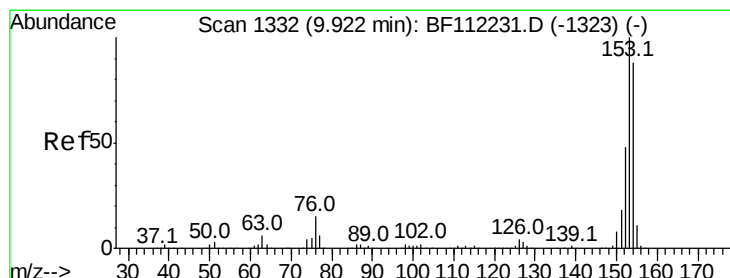
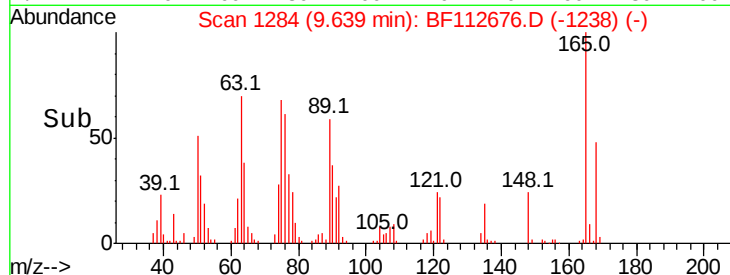
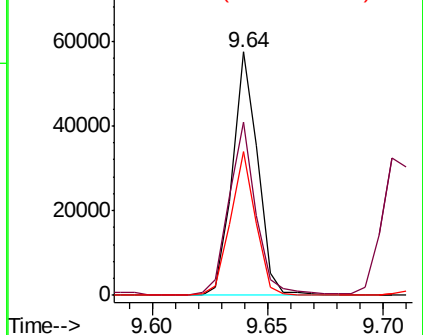
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 66.675 ng

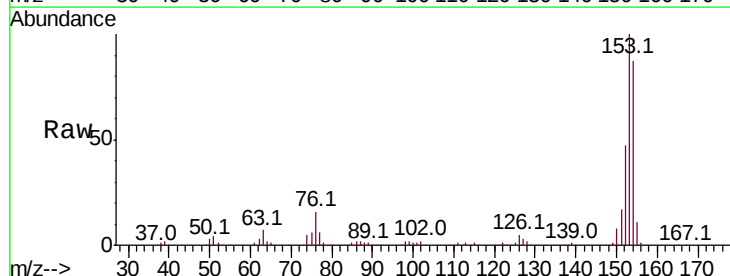
RT: 9.88 min Scan# 1325

Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

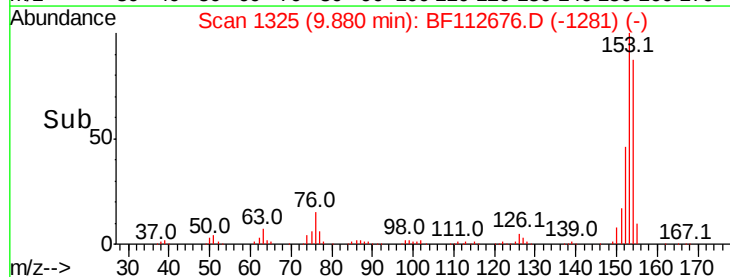
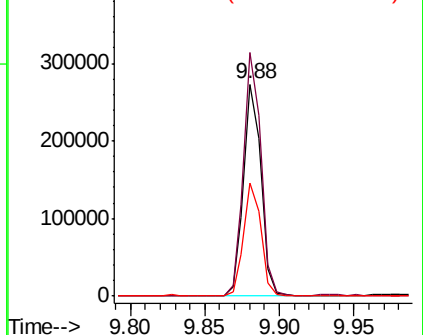
Tgt Ion:	154	Resp:	224190
Ion Ratio	Lower	Upper	
154	100		
153	114.7	89.8	134.6
152	53.5	43.5	65.3

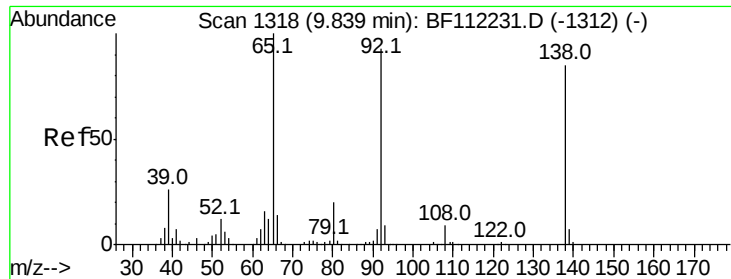


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





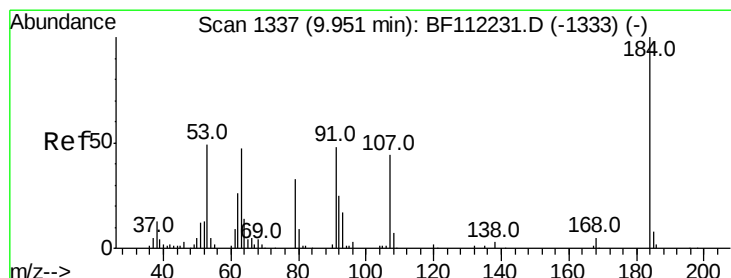
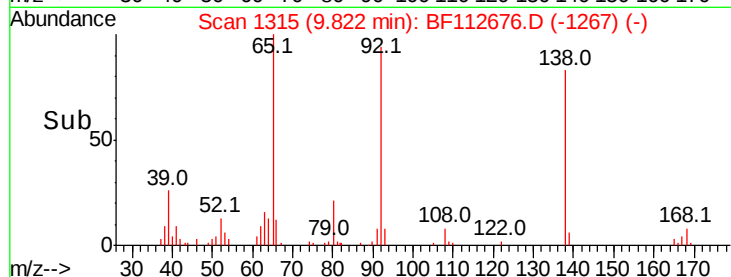
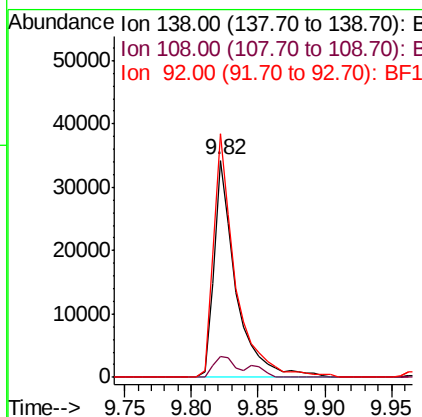
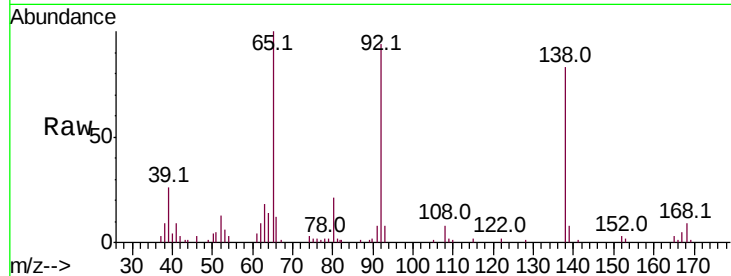
#53
3-Nitroaniline
Concen: 37.005 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion:138 Resp: 39516
Ion Ratio Lower Upper
138 100
108 9.7 9.8 14.6#
92 112.3 79.4 119.2

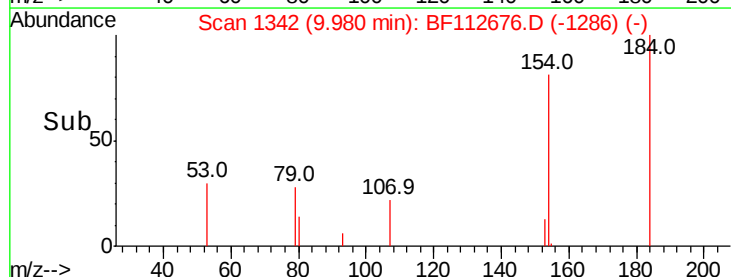
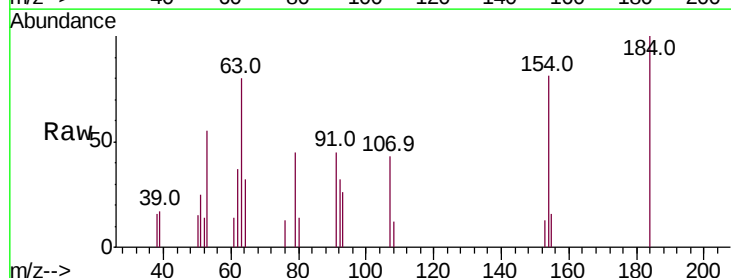
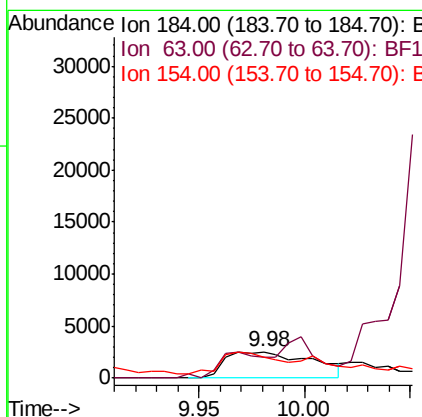
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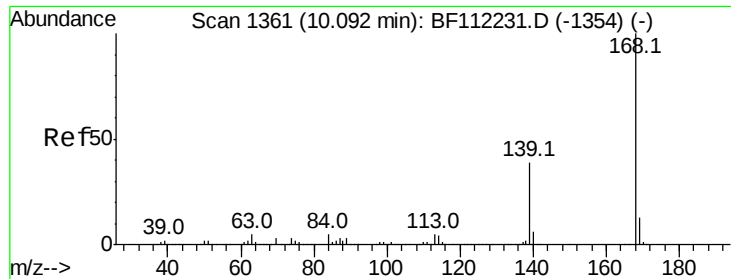
Sohil
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#54
2,4-Dinitrophenol
Concen: 22.676 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion:184 Resp: 7173
Ion Ratio Lower Upper
184 100
63 80.2 47.1 70.7#
154 80.8 48.9 73.3#





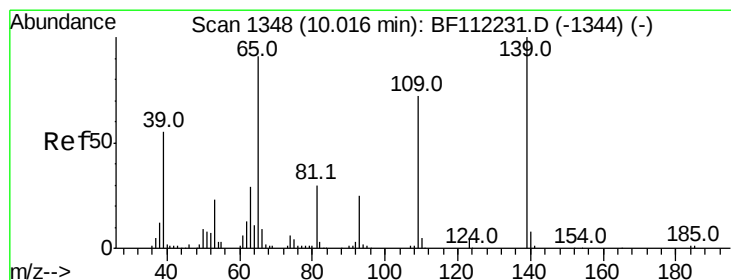
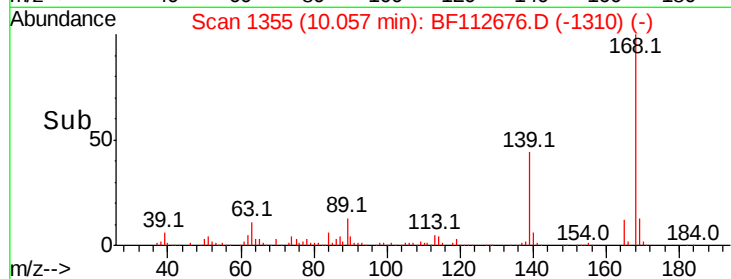
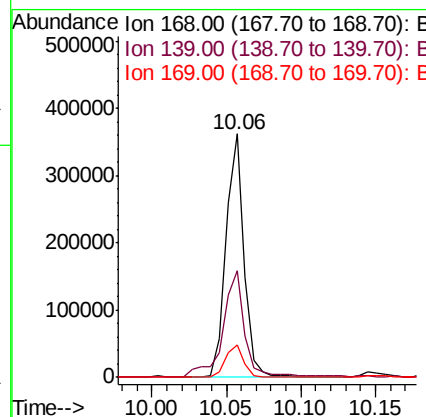
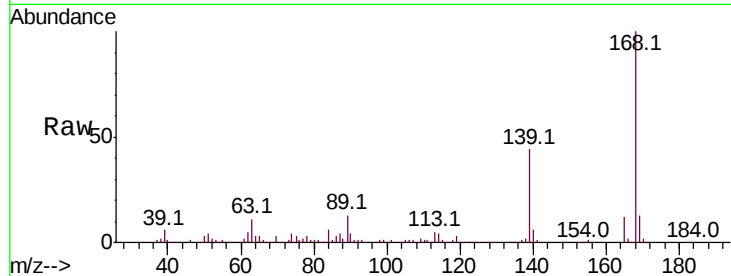
#55
Dibenzofuran
Concen: 60.243 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampled :
COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	43.7	29.2	43.8	
169	13.1	11.4	17.0	

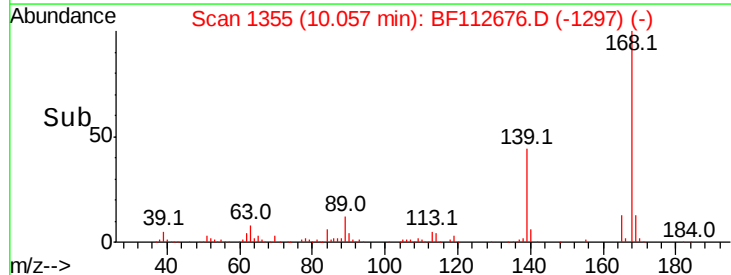
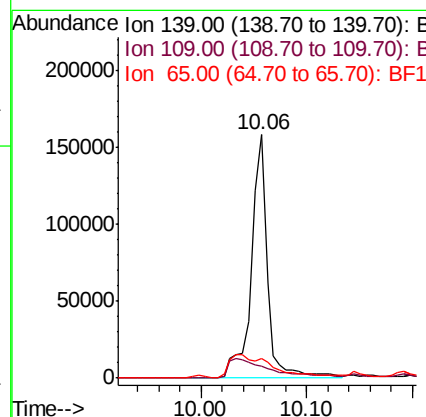
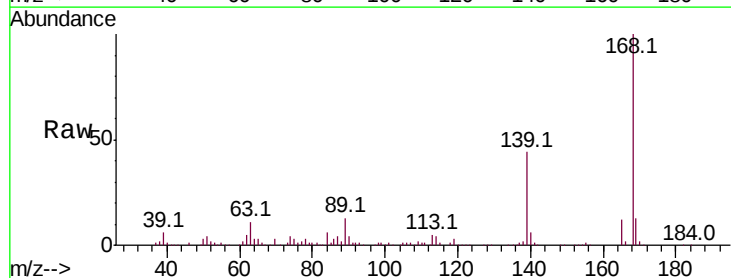
Manual Integrations
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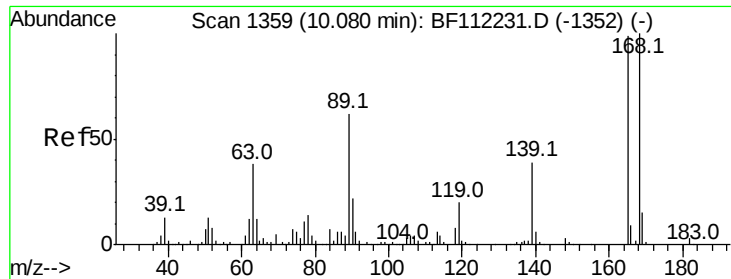
Sohil
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#56
4-Nitrophenol
Concen: 299.119 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	5.1	42.8	82.8#	
65	7.8	66.1	106.1#	





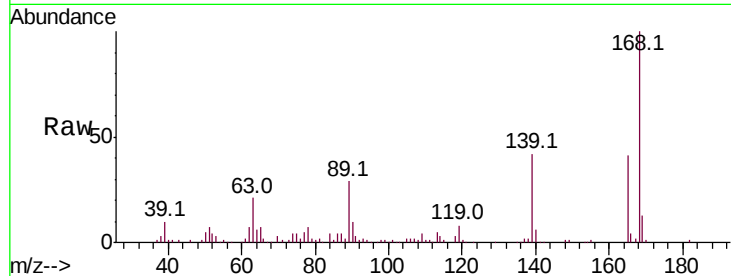
#57
2,4-Dinitrotoluene
Concen: 47.298 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

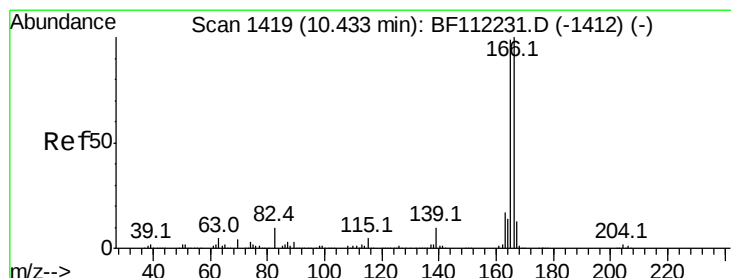
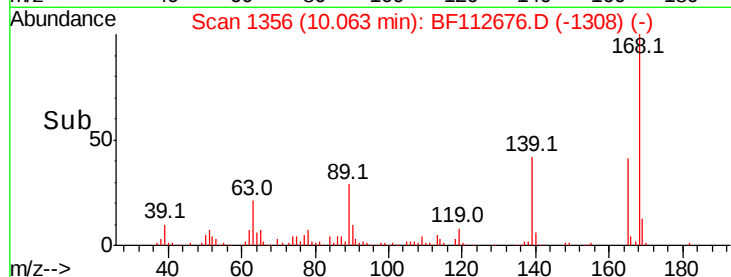
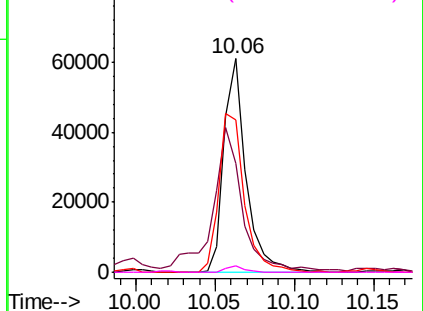
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	51.1	27.9	41.9#
89	71.1	47.9	71.9
182	3.0	2.2	3.4

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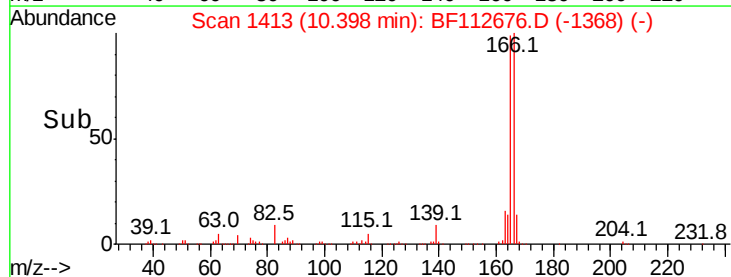
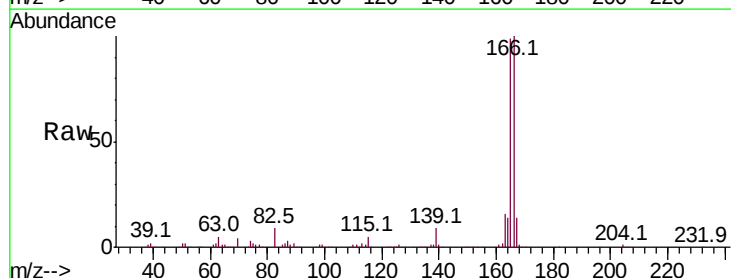
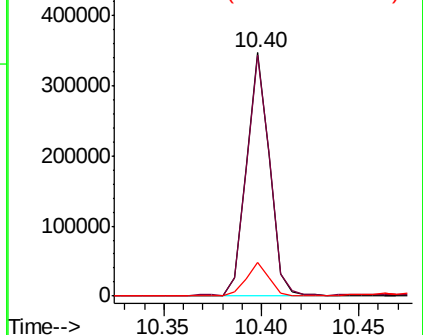
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

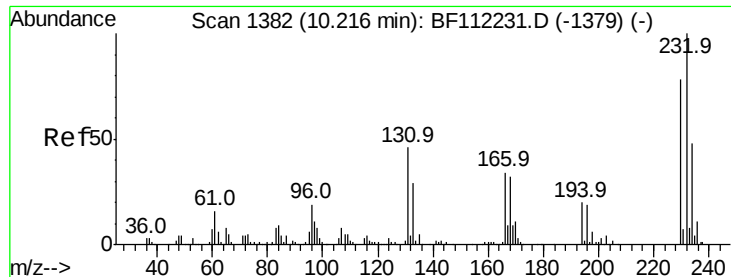


#58
Fluorene
Concen: 73.647 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.1	77.1	115.7
167	13.6	11.3	16.9

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





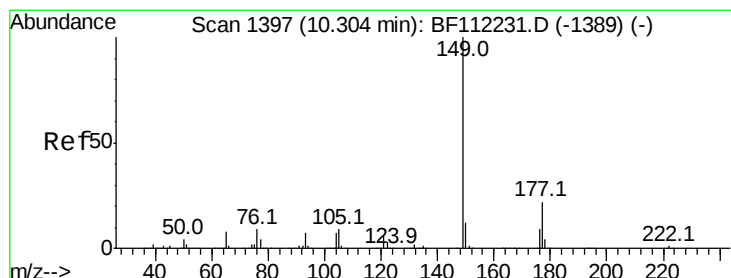
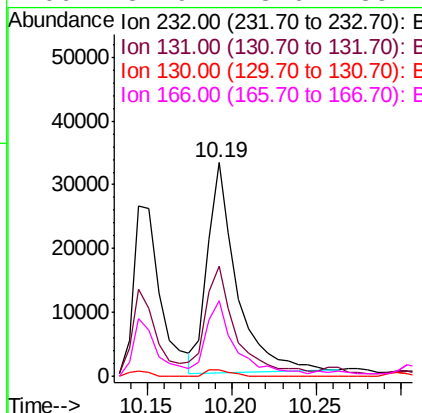
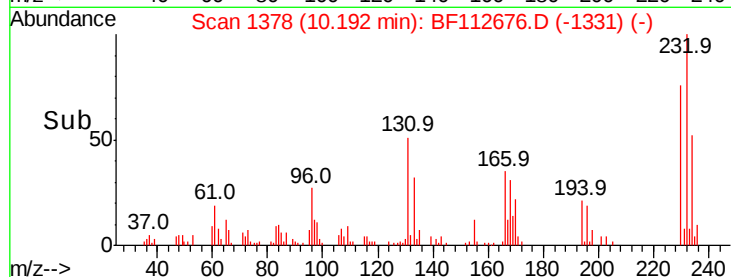
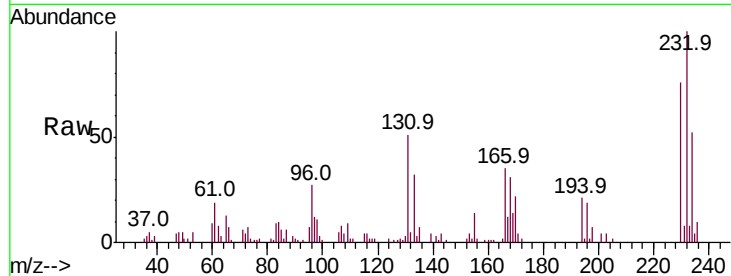
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.589 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampled :
 COMPMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	57.5	33.9	50.9#
130	2.7	1.8	2.6#
166	31.9	23.6	35.4

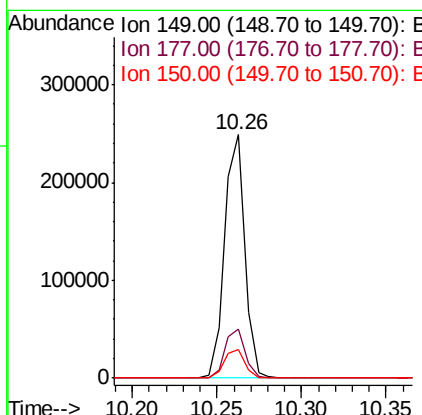
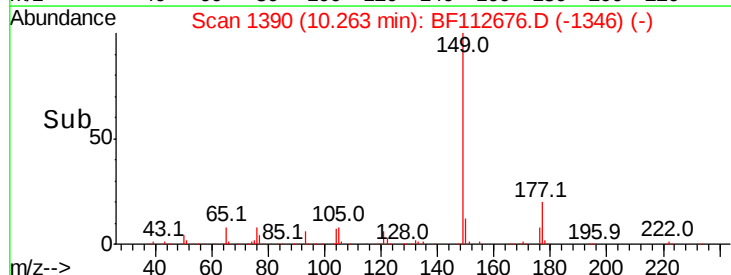
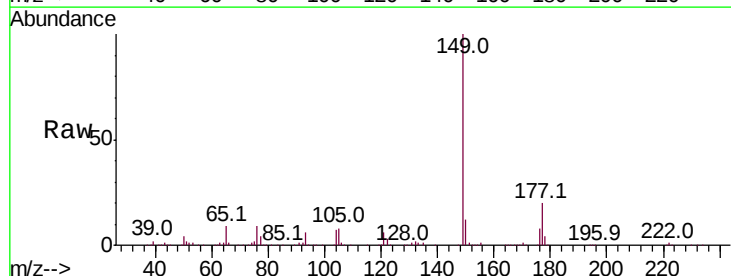
Manual Integrations
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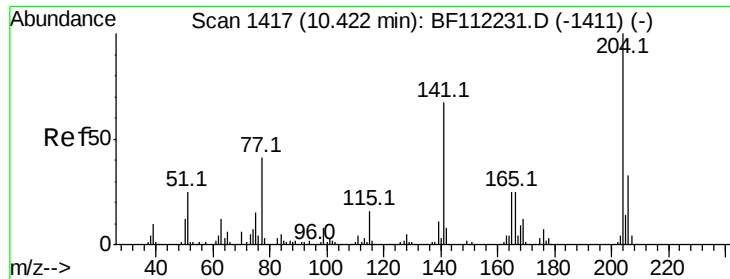
Sohil
 2/25/2019 9:21:19 AM



#60
 Diethylphthalate
 Concen: 47.280 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	18.2	27.2
150	12.0	10.4	15.6





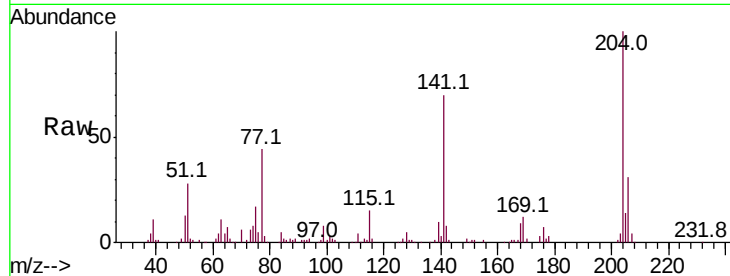
#61
4-Chlorophenyl-phenylether
Concen: 44.780 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampled :
COMPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	30.9	26.5	39.7
141	70.3	45.9	68.9

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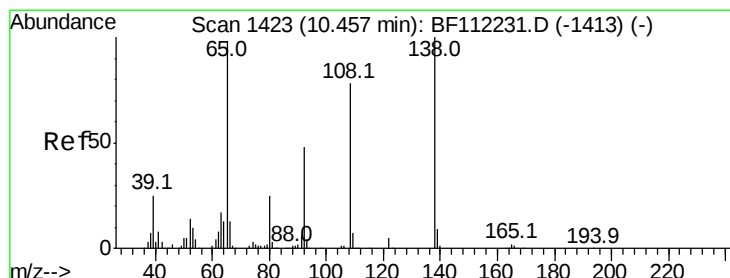
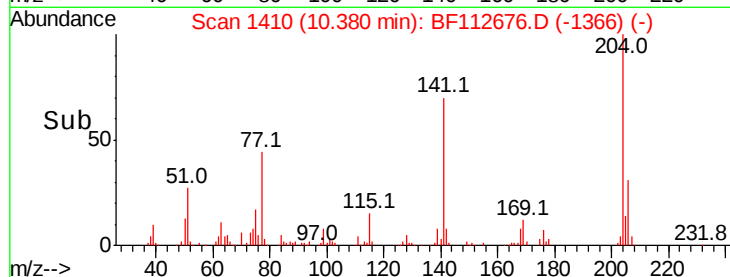
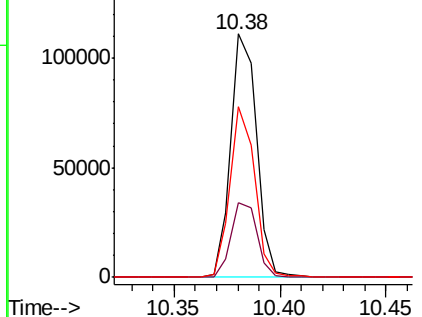


Abundance

Ion 204.00 (203.70 to 204.70): E

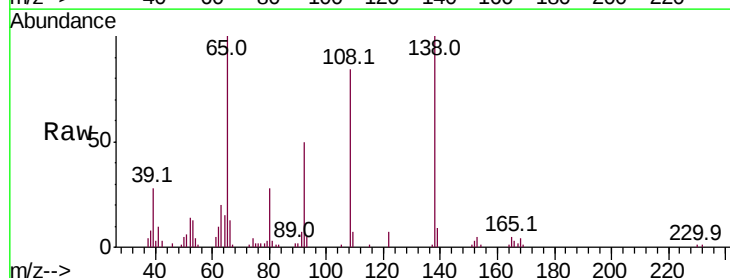
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.043 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	30.6	70.6
108	84.3	50.0	90.0

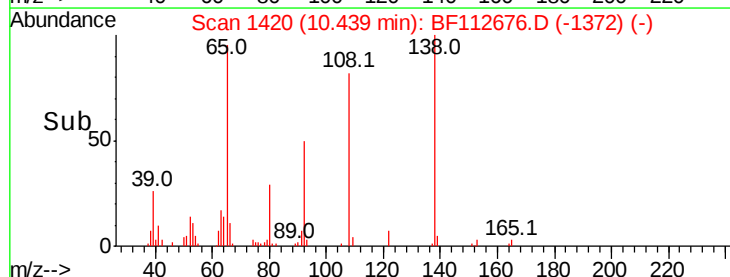
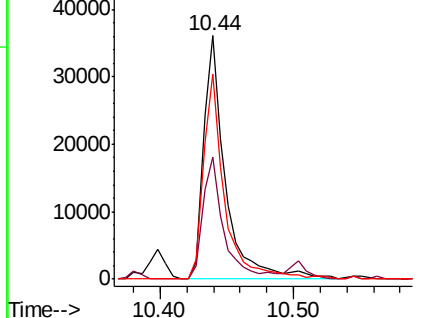


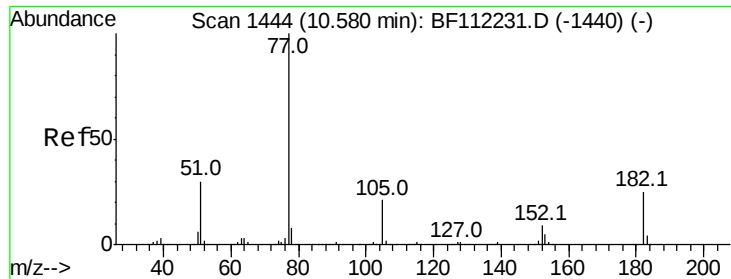
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





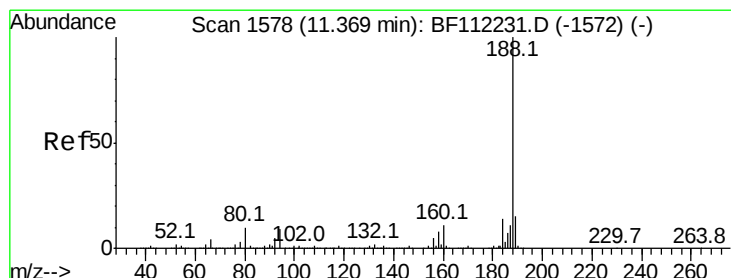
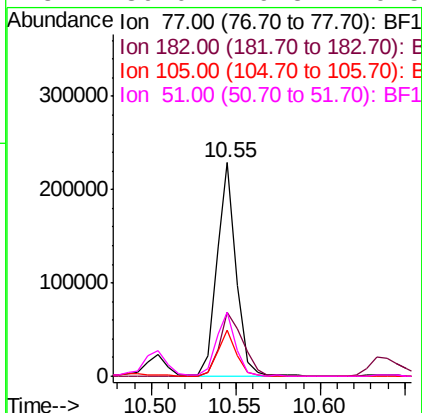
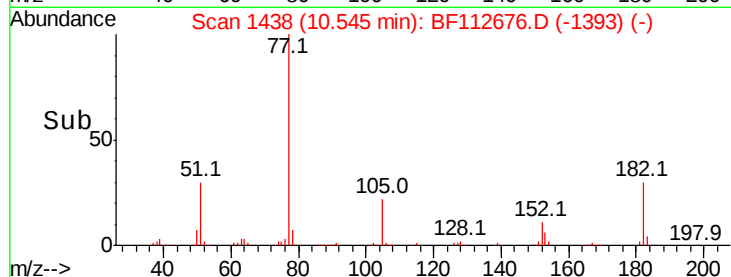
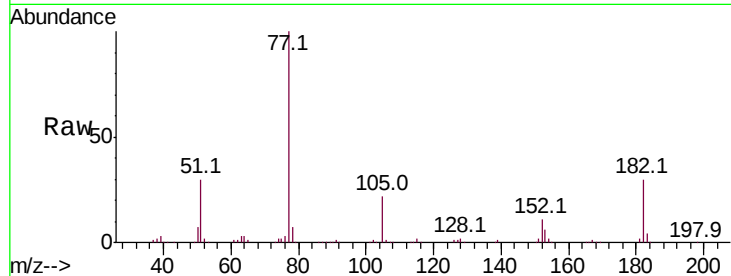
#63
Azobenzene
Concen: 47.178 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100	181220		
182	30.1	5.7	45.7	
105	21.6	1.4	41.4	
51	30.0	9.5	49.5	

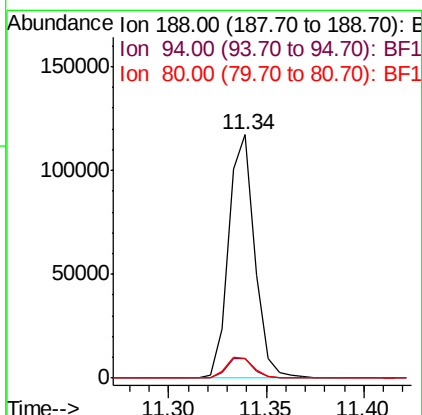
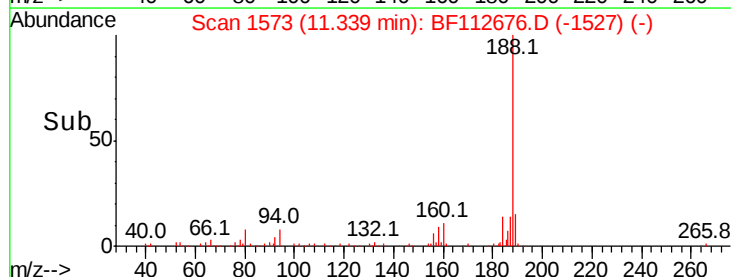
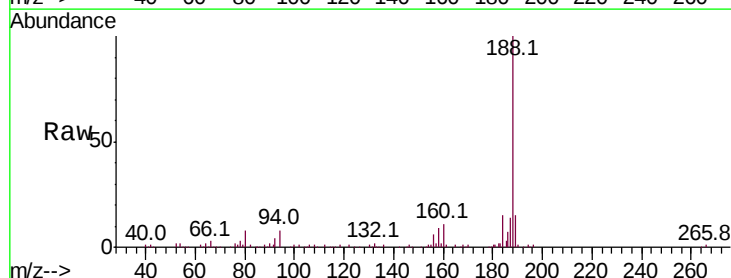
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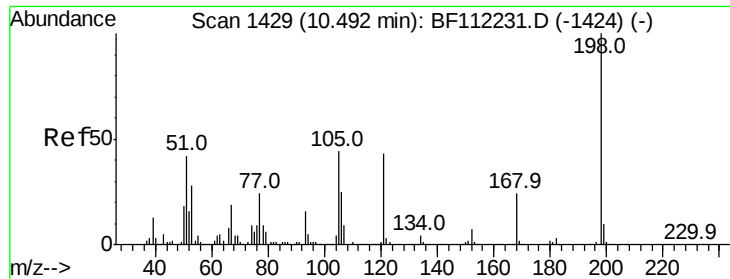
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	108317		
94	7.9	8.2	12.2#	
80	7.9	8.9	13.3#	





#65

4,6-Dinitro-2-methylphenol

Concen: 15.434 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

ClientSampleId :

COMPMSD

Tot Ion:198 Resp: 9373

Ion Ratio Lower Upper

198 100

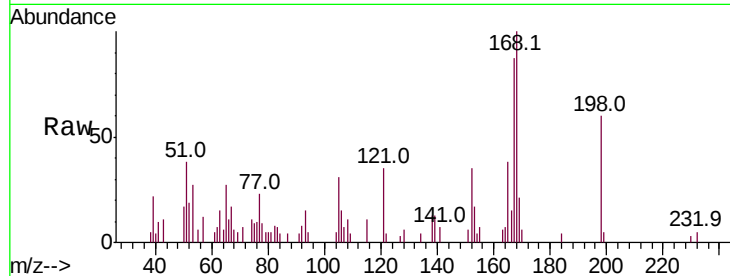
51 63.1 17.2 57.2#

105 52.4 21.9 61.9

Manual Integrations
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Sohil

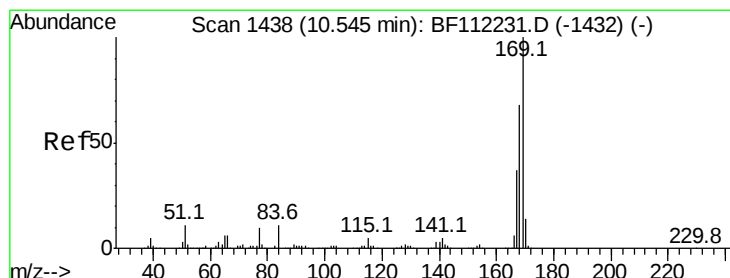
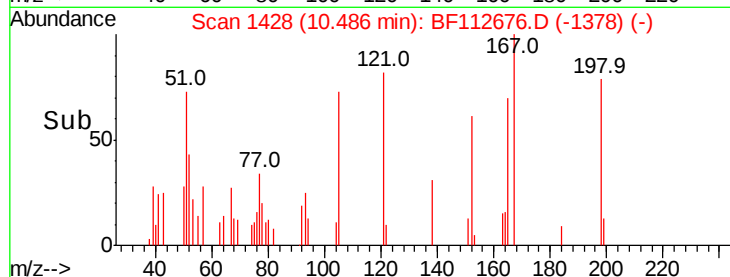
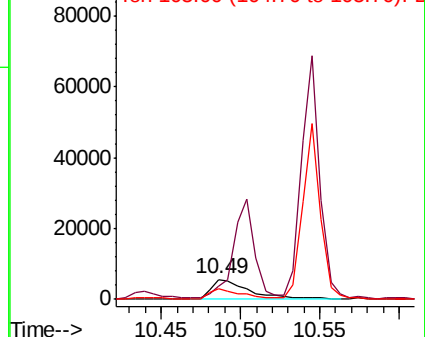
2/25/2019 9:21:19 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.619 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.04 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

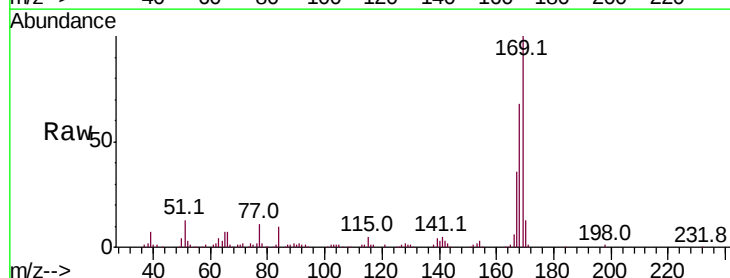
Tgt Ion:169 Resp: 170186

Ion Ratio Lower Upper

169 100

168 68.0 53.9 80.9

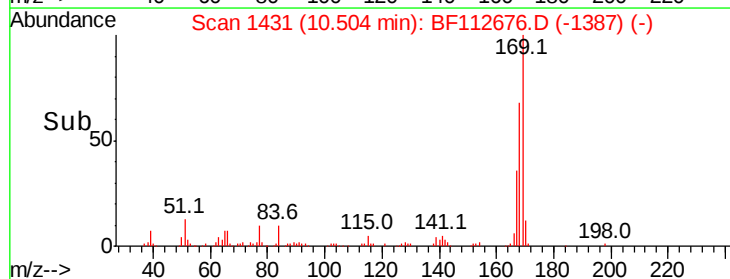
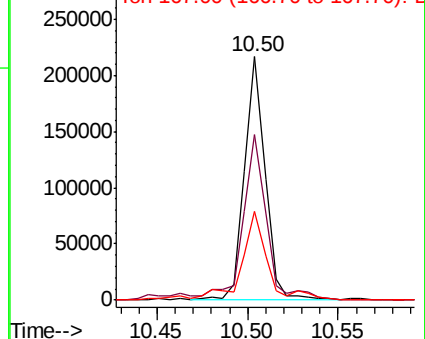
167 36.3 28.9 43.3

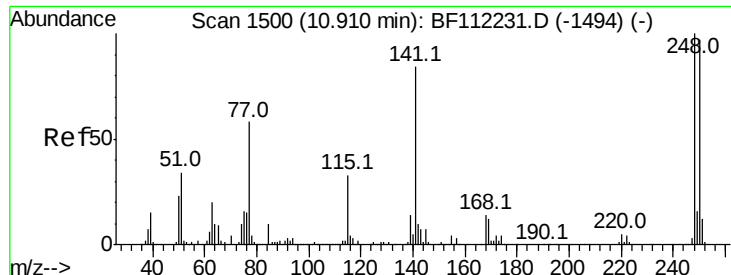


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





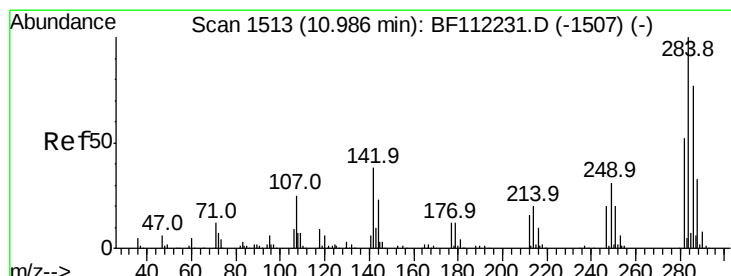
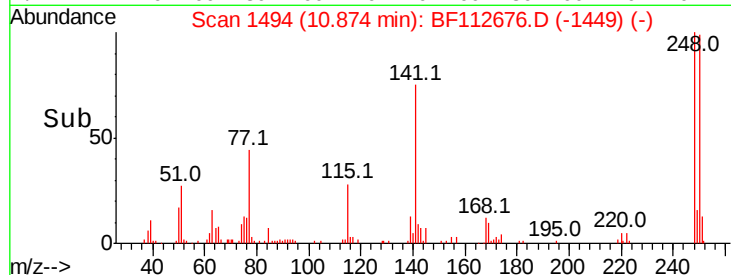
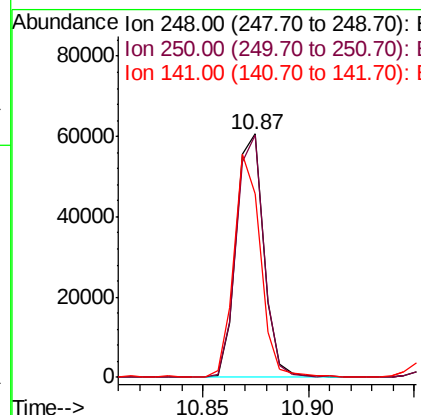
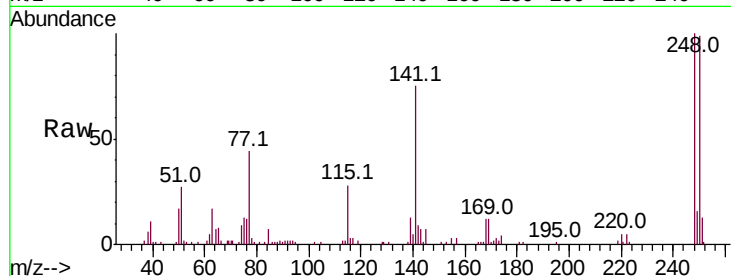
#67
 4-Bromophenyl-phenylether
 Concen: 42.682 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampleId :
 COMPMDS

Tot Ion:	248	Resp:	54376
Ion Ratio	Lower	Upper	
248	100		
250	99.4	79.7	119.5
141	75.5	60.3	90.5

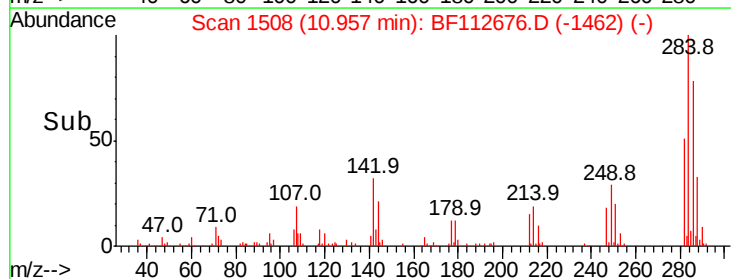
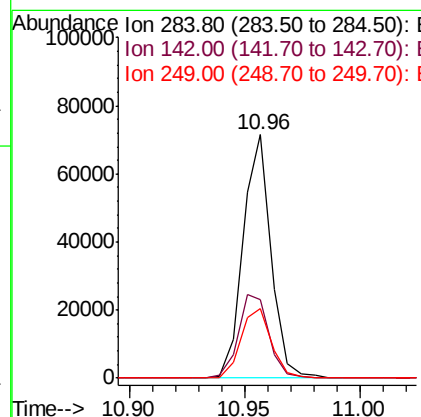
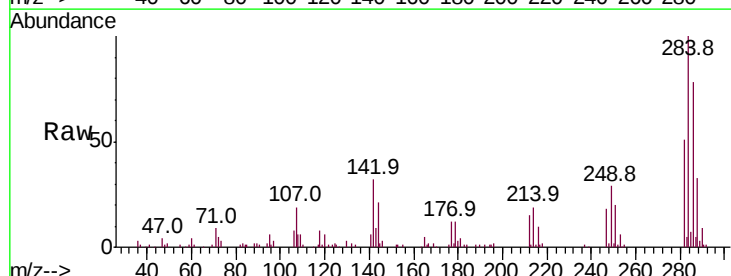
Manual Integrations
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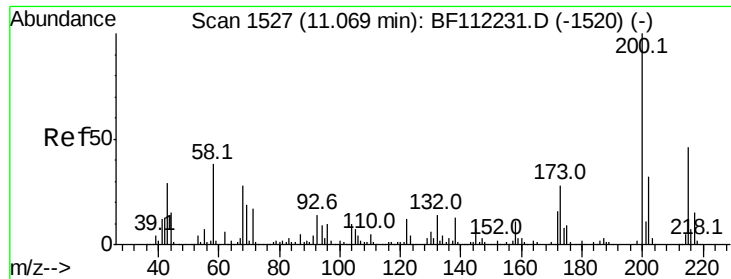
Sohil
 2/25/2019 9:21:19 AM



#68
 Hexachlorobenzene
 Concen: 44.183 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.03 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion:	284	Resp:	60390
Ion Ratio	Lower	Upper	
284	100		
142	32.4	27.6	41.4
249	28.8	24.1	36.1





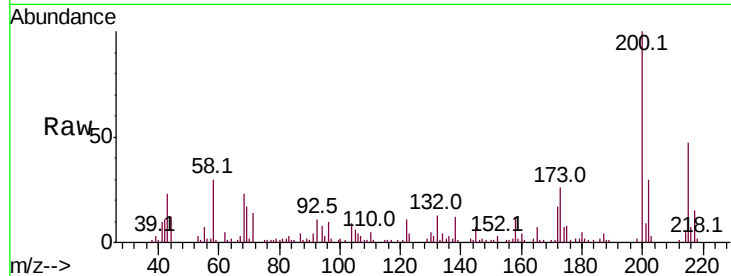
#69
Atrazine
Concen: 43.817 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.1	47.1
215	46.6	30.4	70.4

Manual Integrations
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2/25/2019 9:21:19 AM

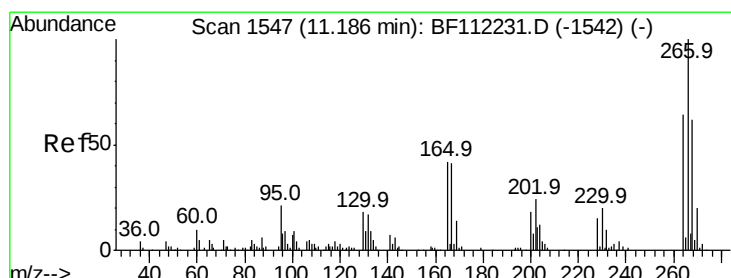
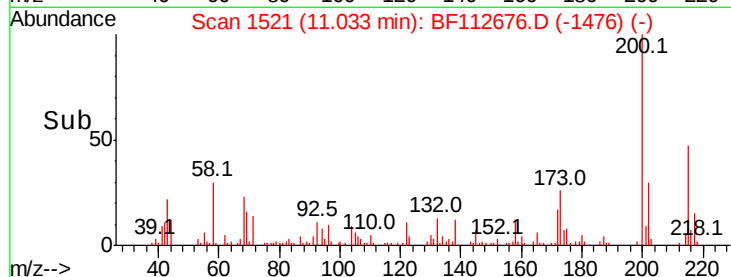
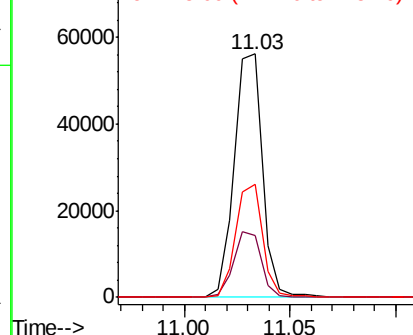


Abundance

Ion 200.00 (199.70 to 200.70): E

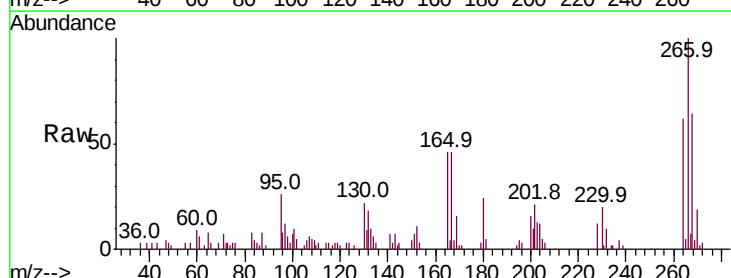
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 57.834 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.2	76.8
264	62.3	50.9	76.3

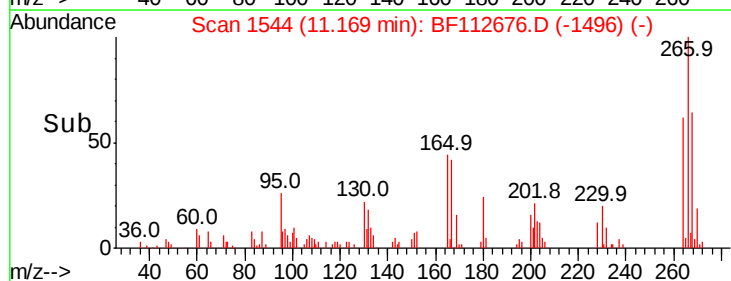
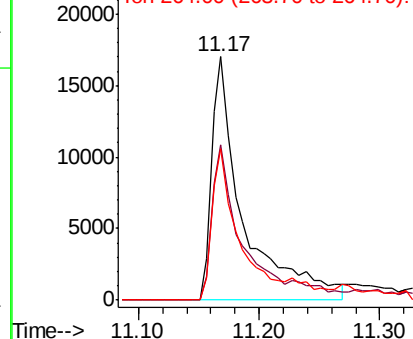


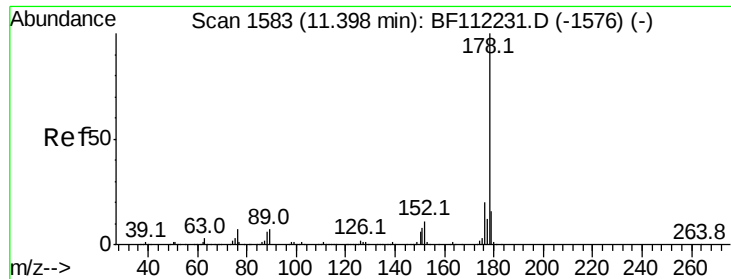
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





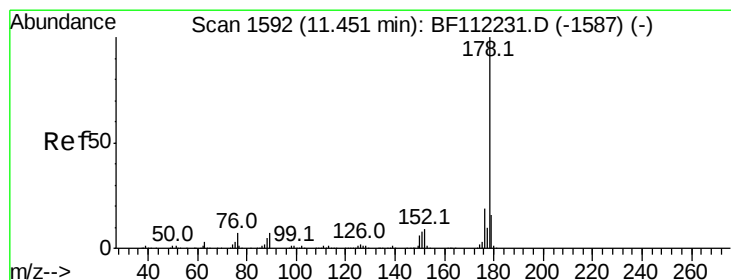
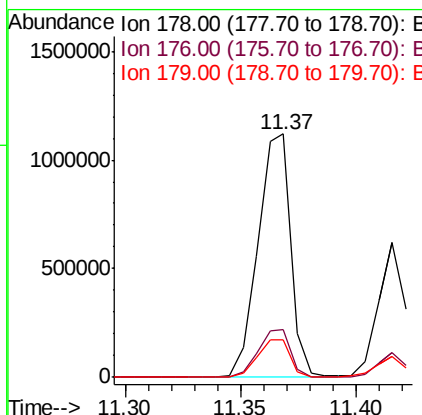
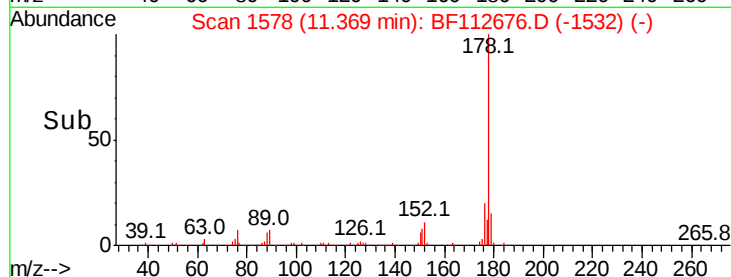
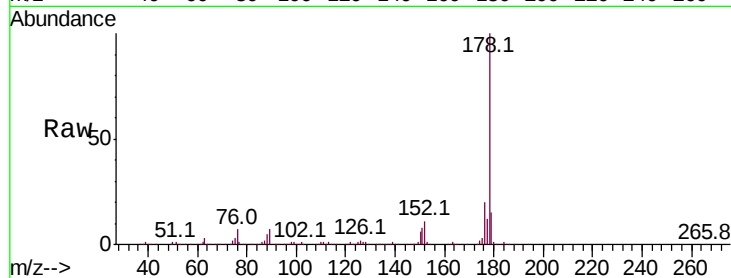
#71
Phenanthrene
Concen: 197.151 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampled :
COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.3	24.5
179	15.4	13.0	19.4

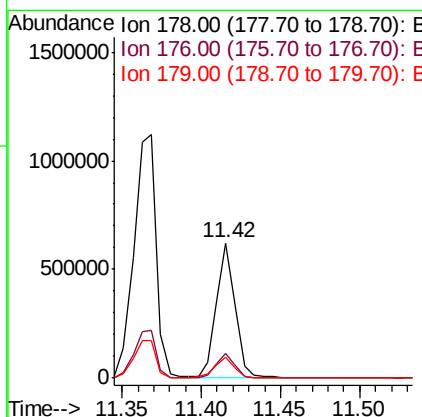
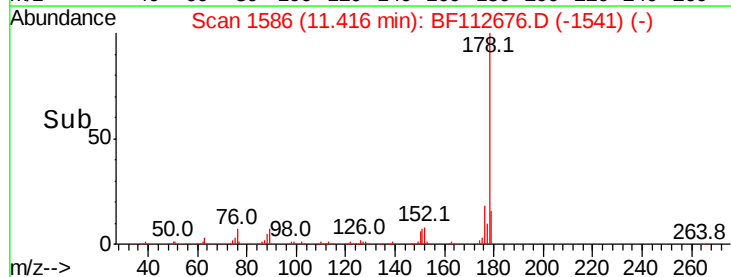
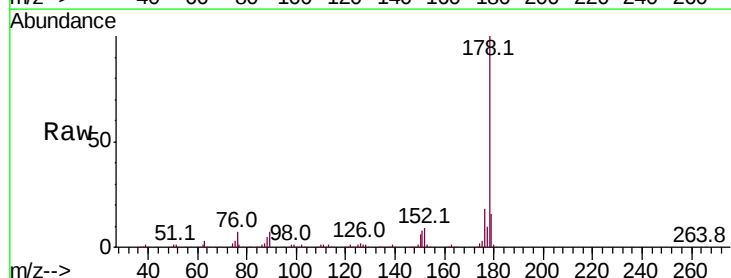
Manual Integrations
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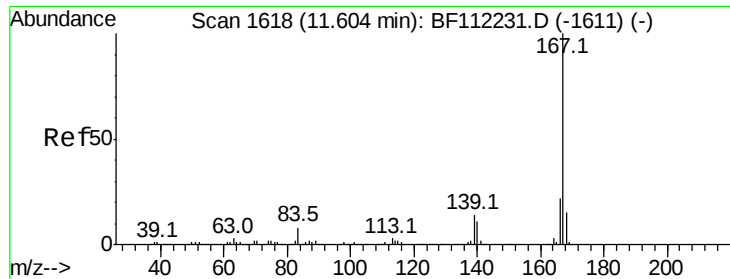
Sohil
2/25/2019 9:21:19 AM



#72
Anthracene
Concen: 91.725 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.5	23.3
179	15.8	12.8	19.2





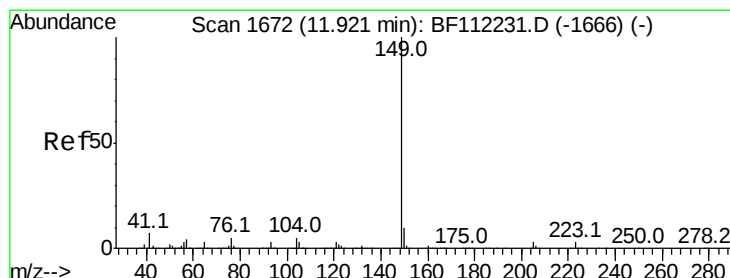
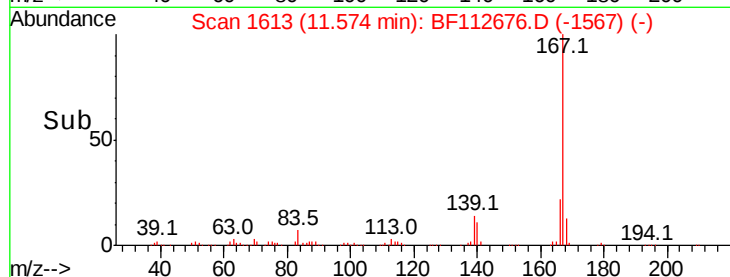
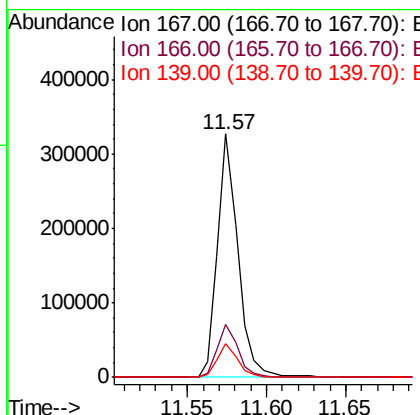
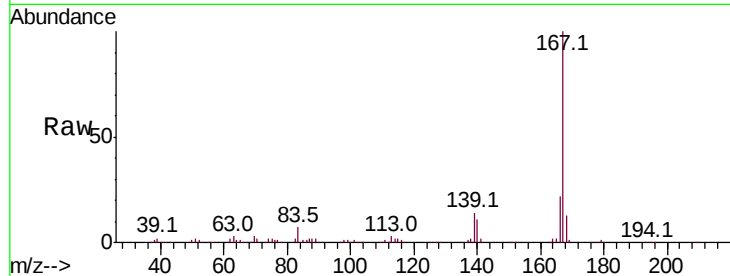
#73
 Carbazole
 Concen: 53.183 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.03 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampleId :
 COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	14.0	10.2	15.2

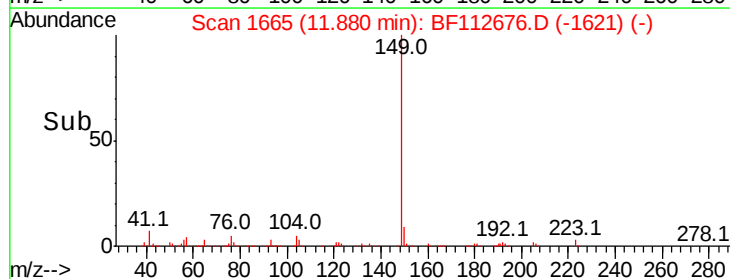
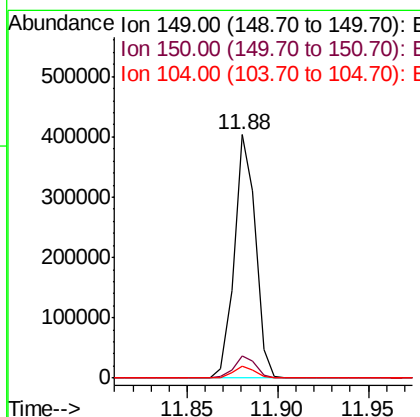
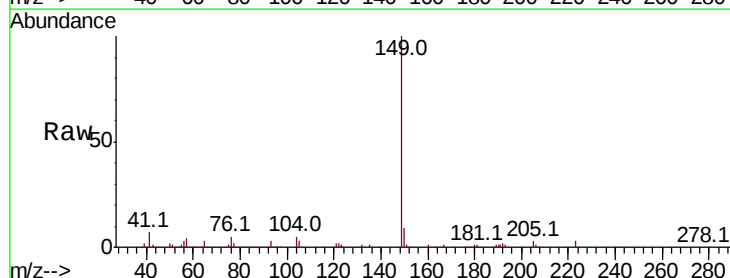
Manual Integrations
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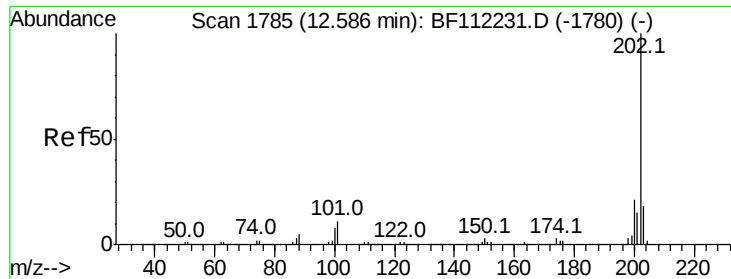
Sohil
 2/25/2019 9:21:19 AM



#74
 Di-n-butylphthalate
 Concen: 47.840 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.1	12.1
104	4.7	3.9	5.9





#75

Fluoranthene

Concen: 204.733 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

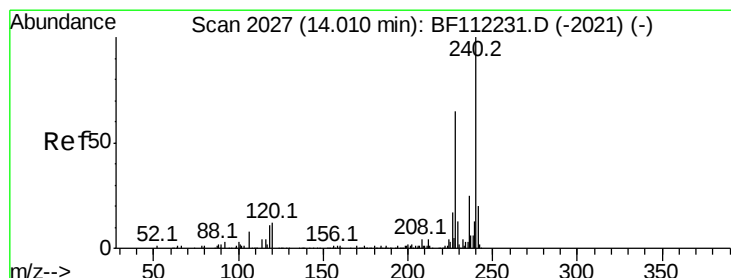
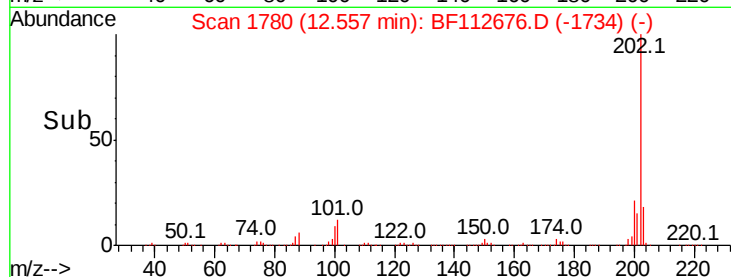
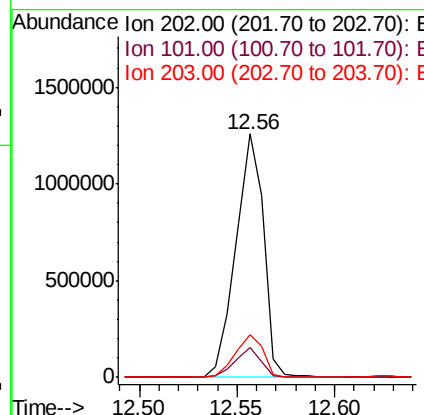
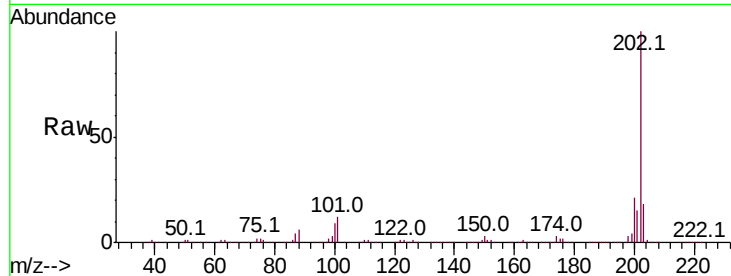
ClientSampleId :

COMPMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.8
203	17.7	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

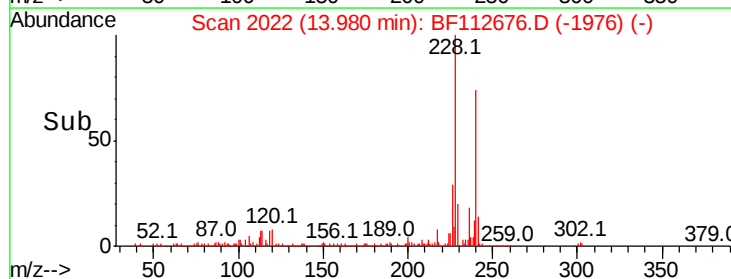
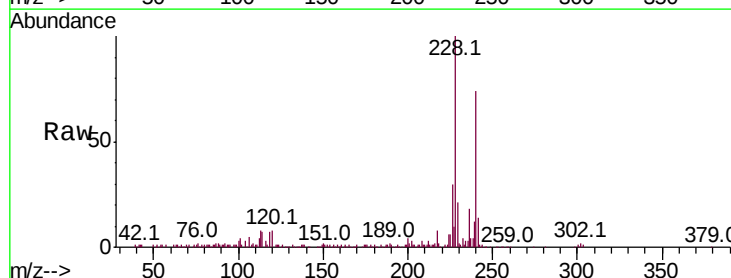
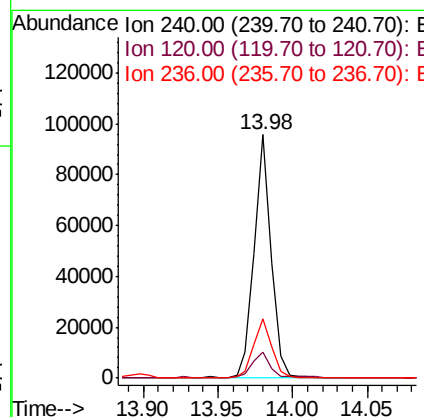
RT: 13.98 min Scan# 2022

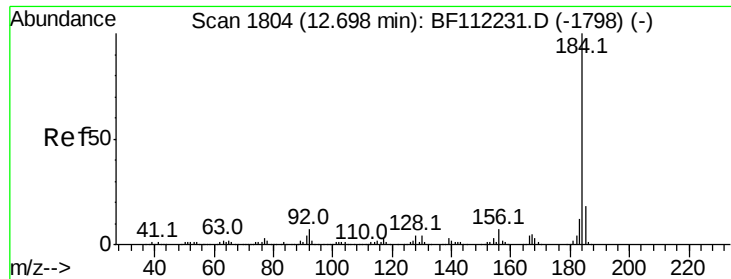
Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.6
236	24.4	20.7	31.1





#77

Benzidine

Concen: 70.818 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

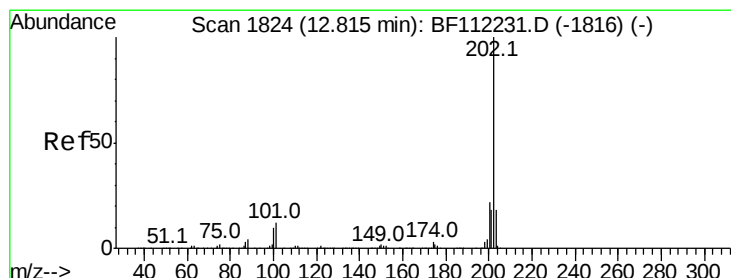
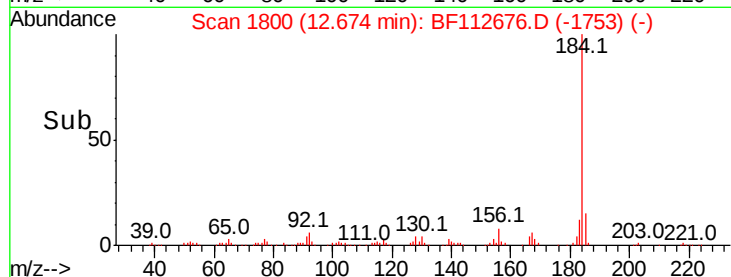
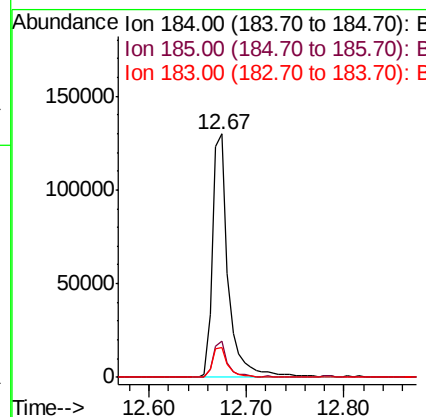
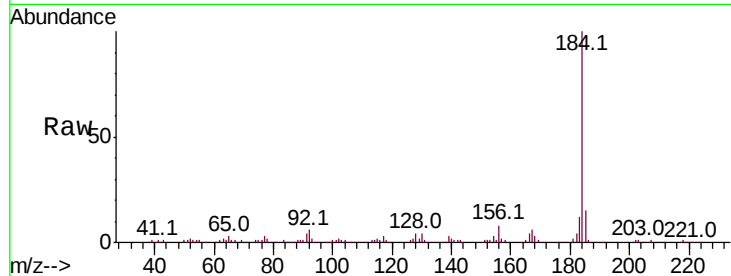
ClientSampleId :

COMPMSD

Tot Ion:	184	Resp:	146955
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.9	20.9
183	12.2	10.0	15.0

Manual Integrations
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#78

Pyrene

Concen: 197.075 ng

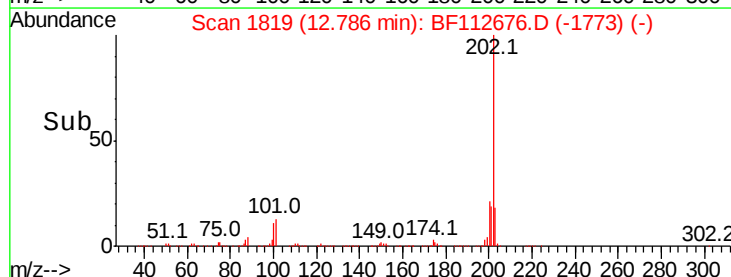
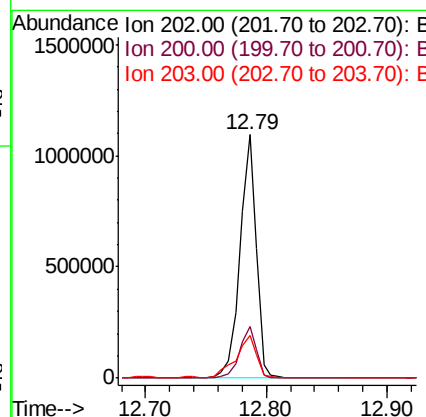
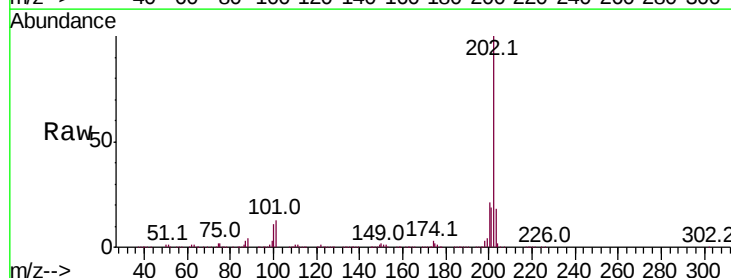
RT: 12.79 min Scan# 1819

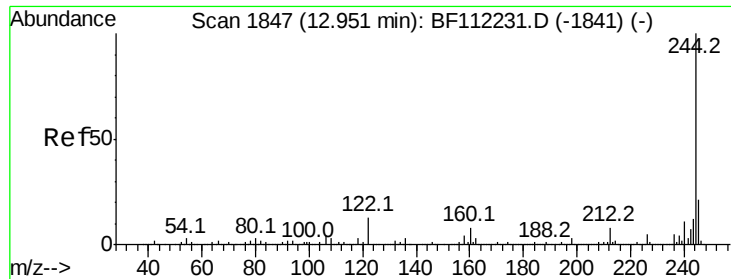
Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Tgt Ion:	202	Resp:	1028703
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.7	26.5
203	17.7	14.6	22.0





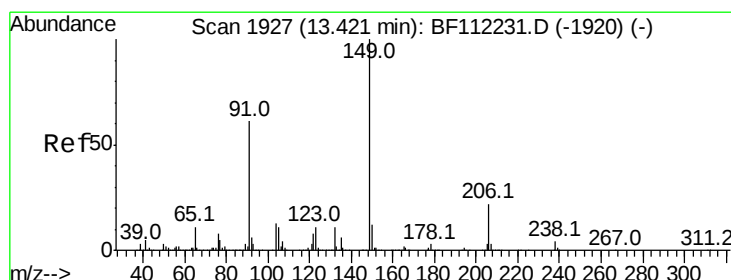
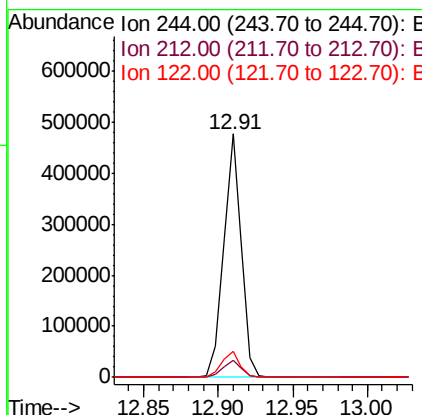
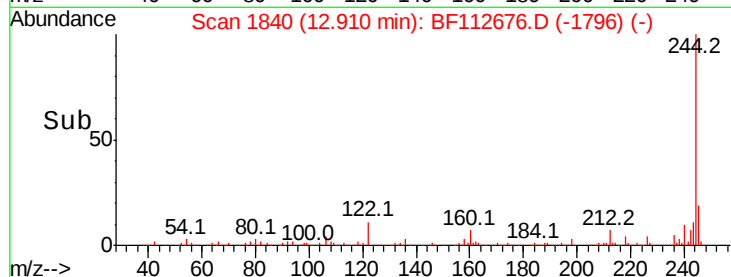
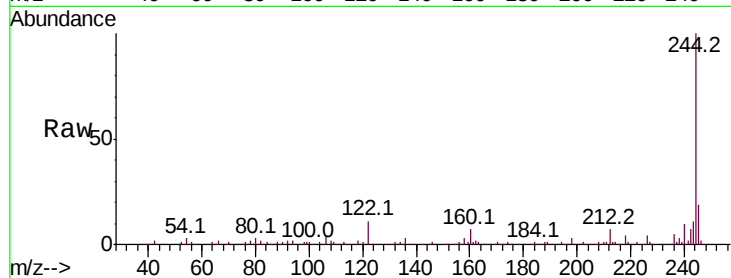
#79
 Terphenyl-d14
 Concen: 99.605 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampleId :
 COMPMDS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.5	9.8	14.6

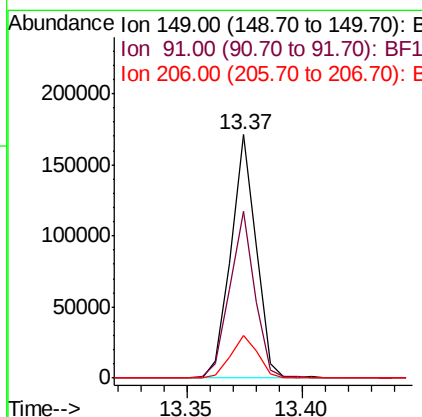
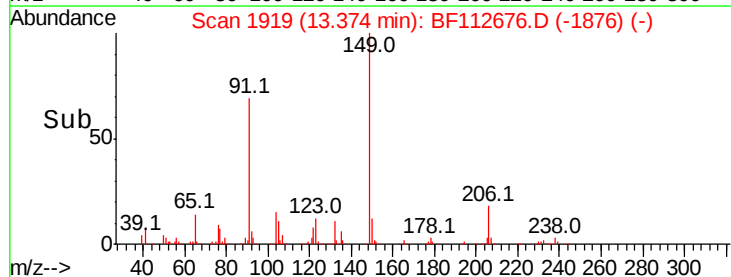
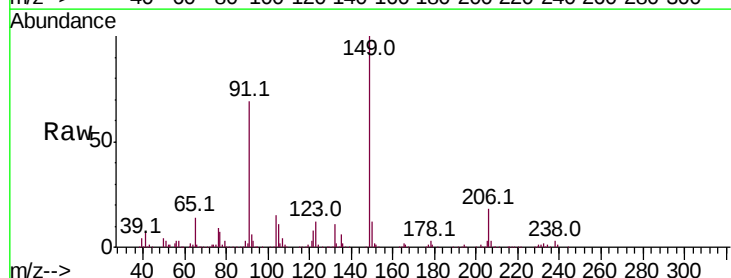
Manual Integrations
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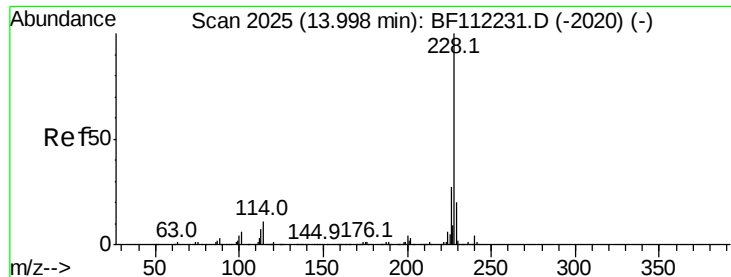
Sohil
 2/25/2019 9:21:19 AM



#80
 Butylbenzylphthalate
 Concen: 51.735 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.05 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.5	50.3	75.5
206	17.7	18.2	27.4#





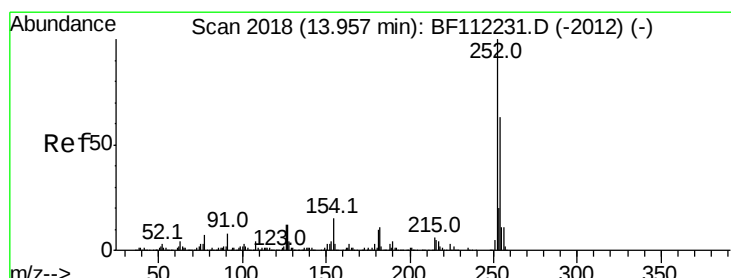
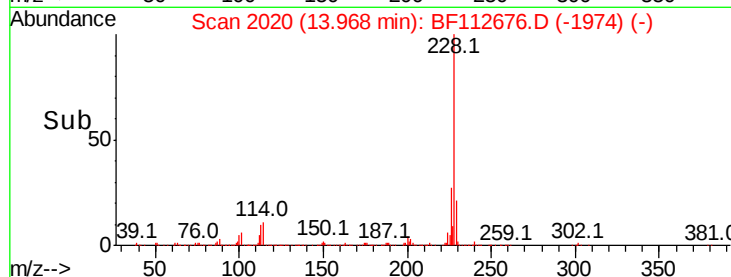
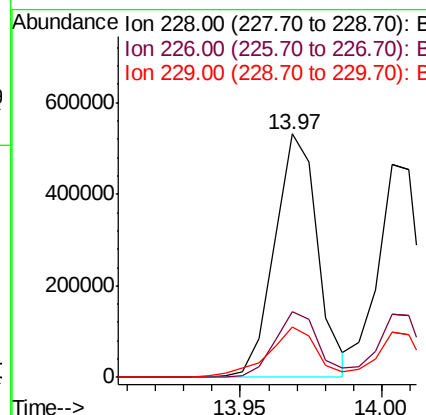
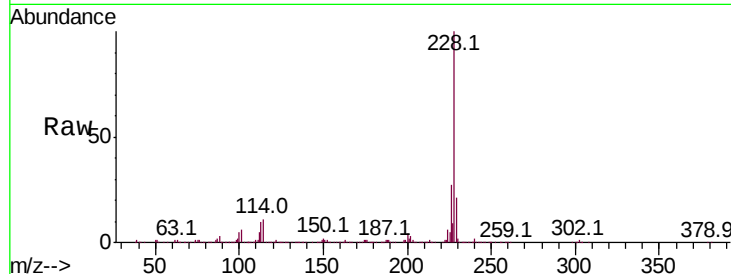
#81
Benzo(a)anthracene
Concen: 126.532 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampled :
COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	34.0
229	20.6	16.5	24.7

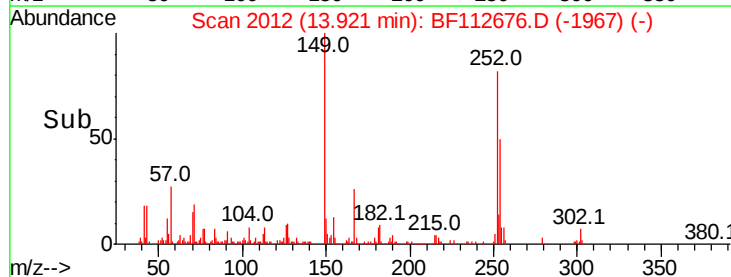
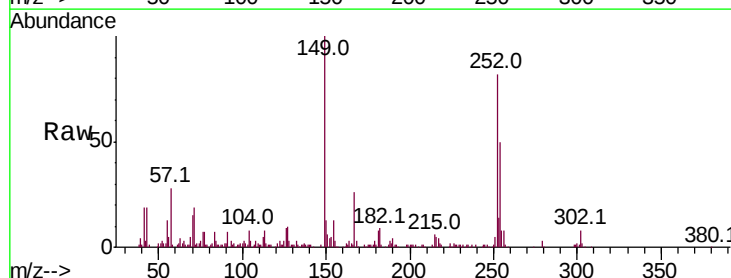
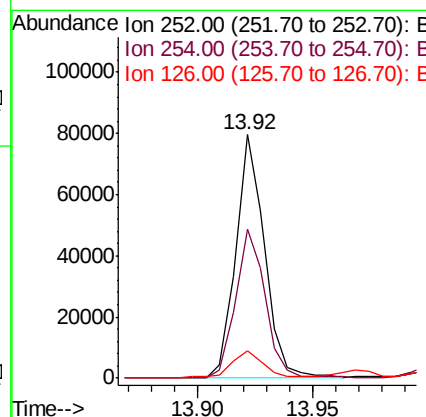
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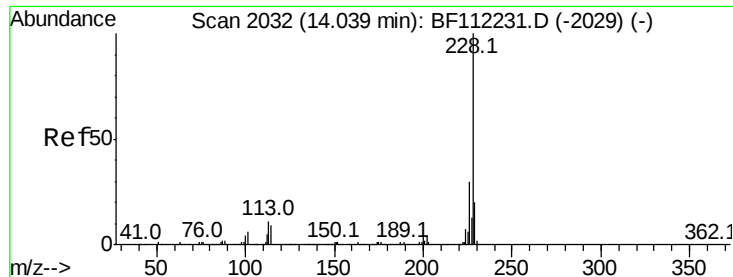
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#82
3,3'-Dichlorobenzidine
Concen: 41.609 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.1	51.6	77.4
126	11.3	8.6	12.8





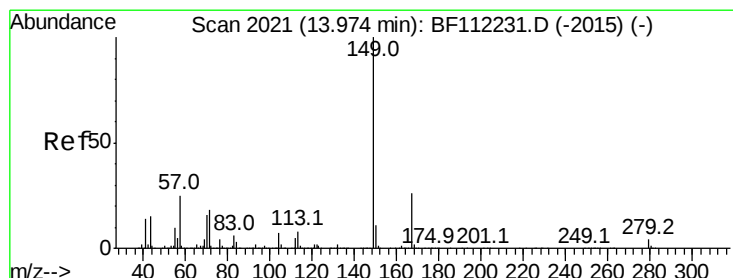
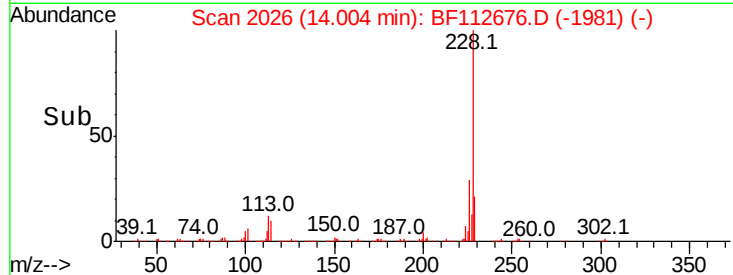
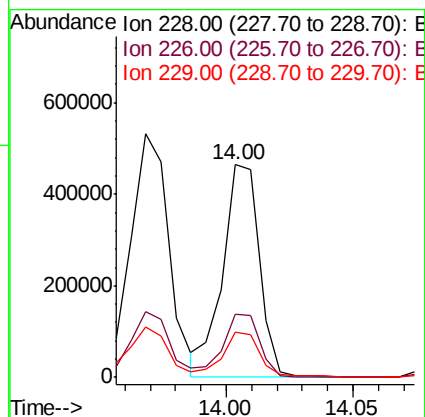
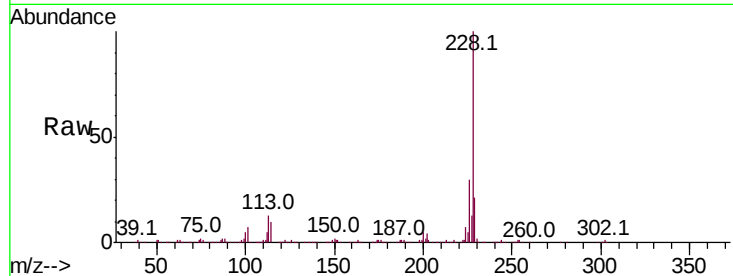
#83
 Chrvsene
 Concen: 110.738 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.04 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Instrument :
 BNA_F
 ClientSampleId :
 COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	21.0	16.6	24.8

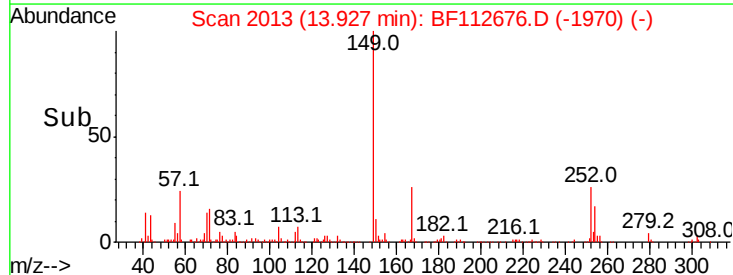
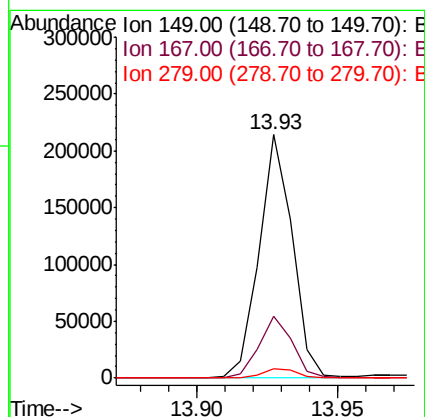
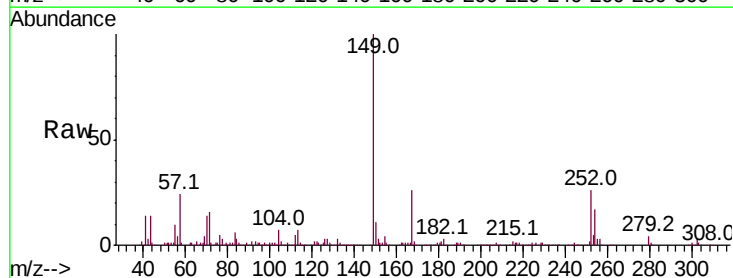
Manual Integrations
 APPROVED

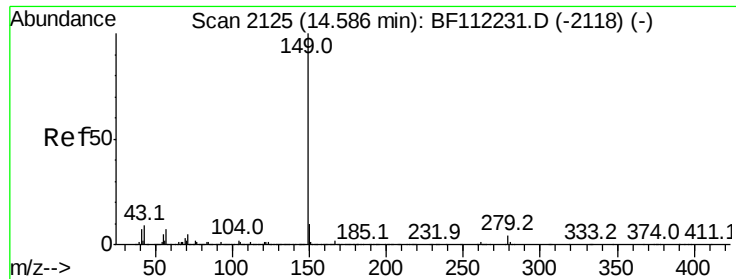
Sohil
 2/25/2019 9:21:19 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.442 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.05 min
 Lab File: BF112676.D
 Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	22.5	33.7
279	3.7	3.8	5.6#





#85

Di-n-octyl phthalate

Concen: 47.834 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.05 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

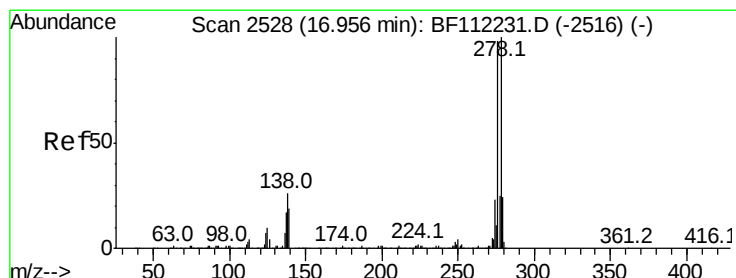
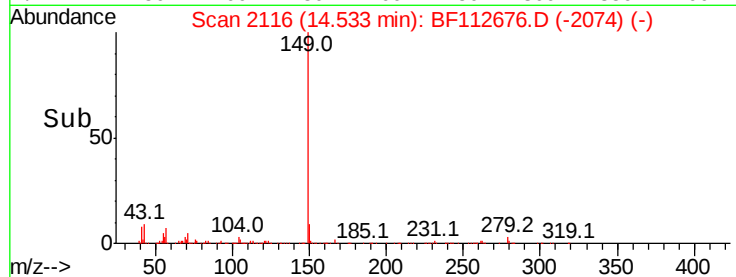
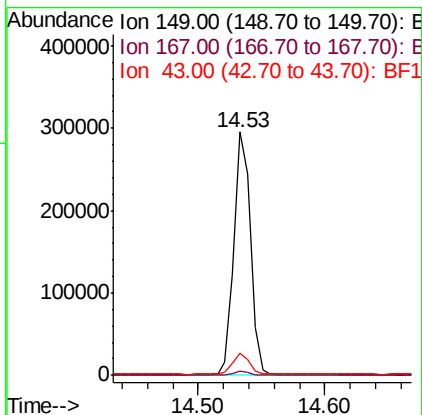
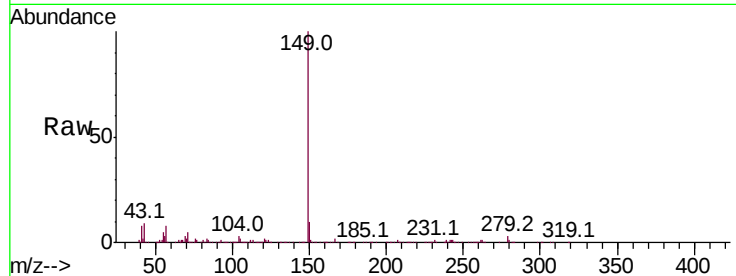
ClientSampleId :

COMPMSSD

Tot Ion:	149	Resp:	263824
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.1	7.8	11.6

Manual Integrations
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Sohil
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#86

Indeno(1,2,3-cd)pyrene

Concen: 98.142 ng

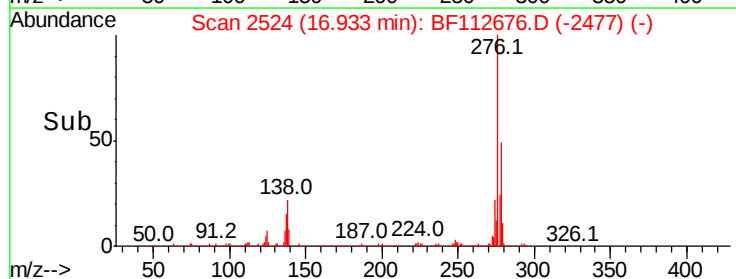
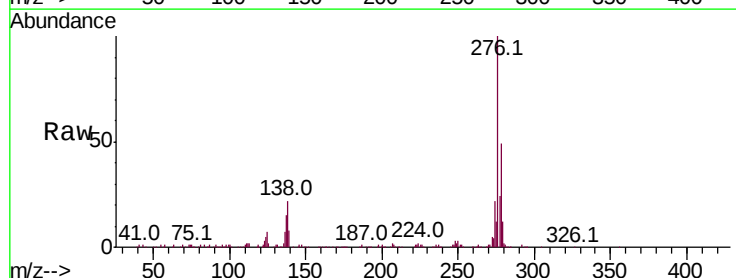
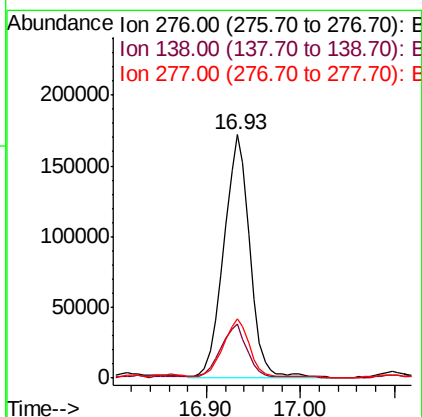
RT: 16.93 min Scan# 2524

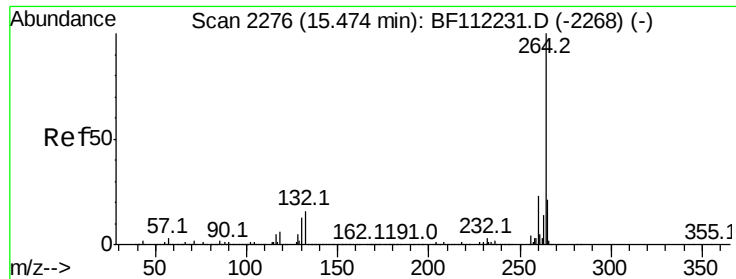
Delta R.T. -0.02 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Tgt Ion:	276	Resp:	328998
Ion Ratio	Lower	Upper	
276	100		
138	21.4	22.6	34.0#
277	23.5	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Instrument :

BNA_F

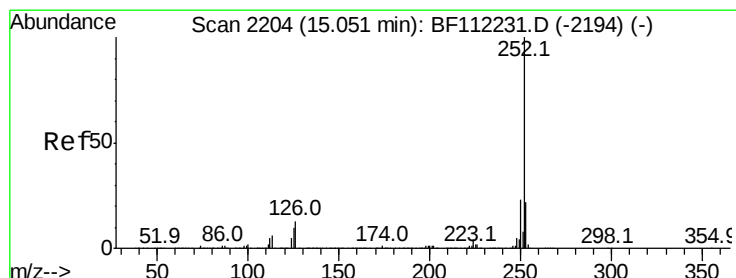
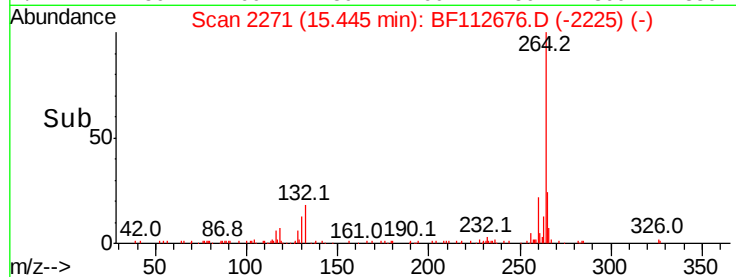
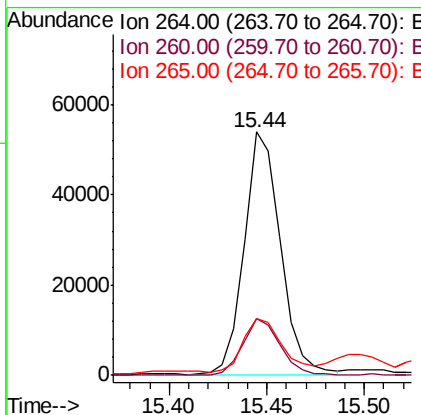
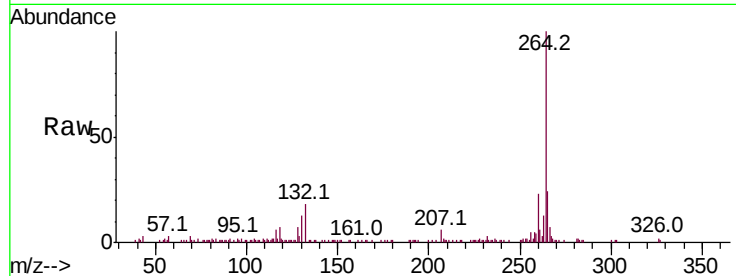
ClientSampleId :

COMPMSD

Tot Ion:	264	Resp:	70115
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.2	27.2
265	23.6	17.0	25.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 120.173 ng

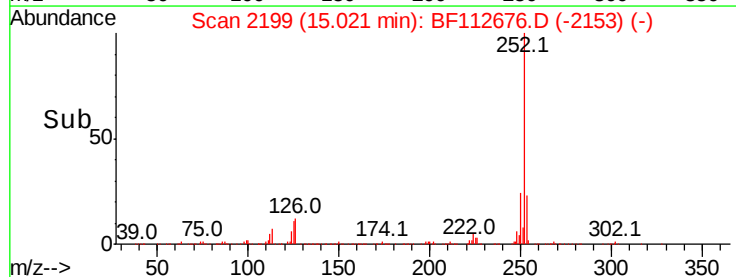
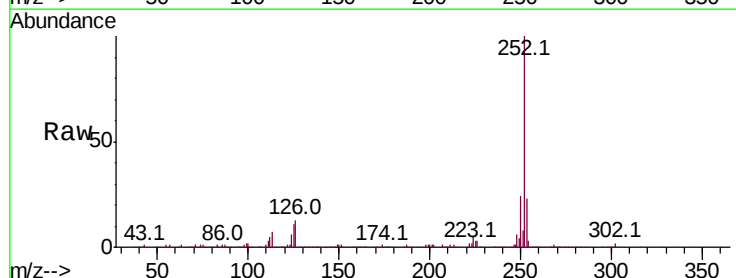
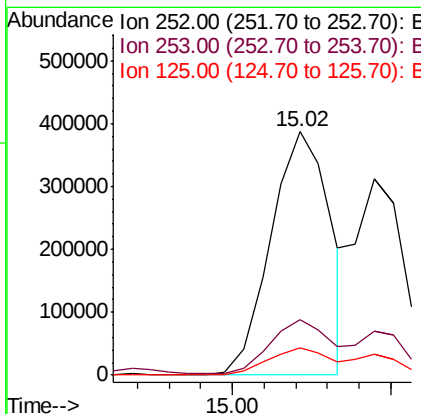
RT: 15.02 min Scan# 2199

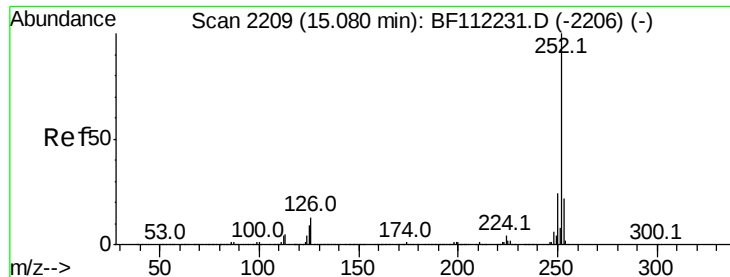
Delta R.T. -0.03 min

Lab File: BF112676.D

Acq: 22 Feb 2019 20:38

Tgt Ion:	252	Resp:	503910
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.0	27.0
125	11.3	8.7	13.1





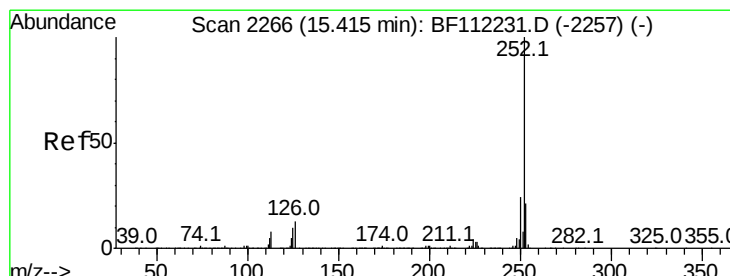
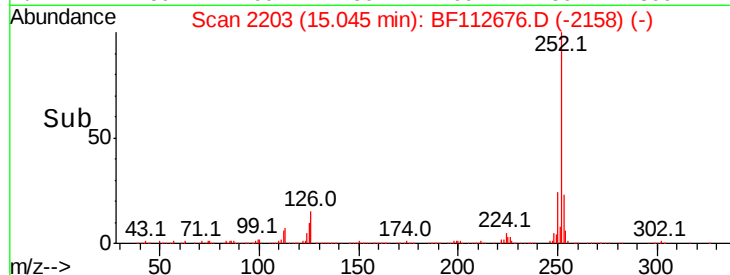
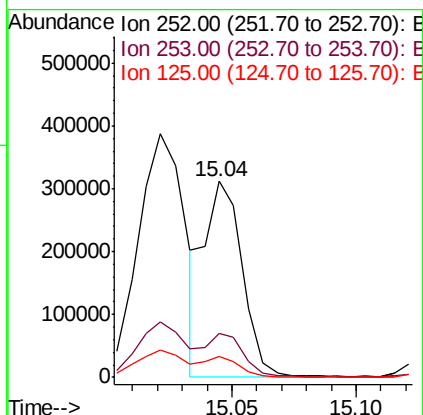
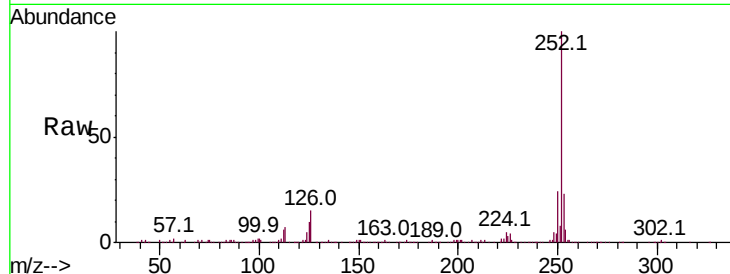
#89
Benzo(k)fluoranthene
Concen: 82.698 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampled :
COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.5	9.1	13.7

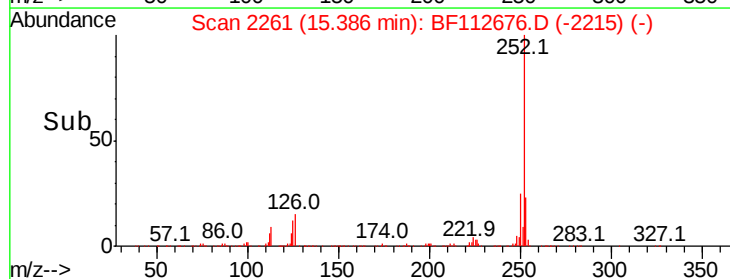
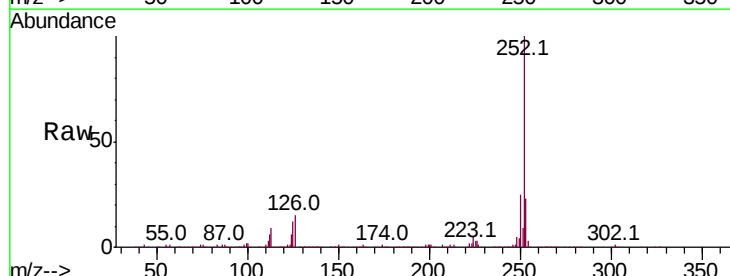
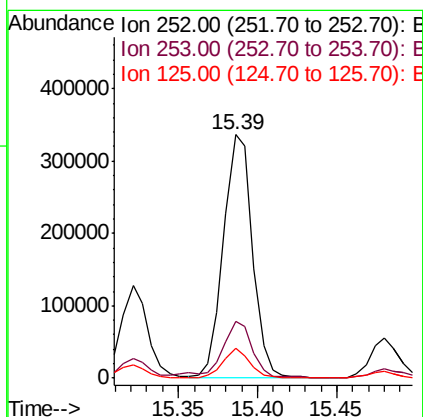
Manual Integrations
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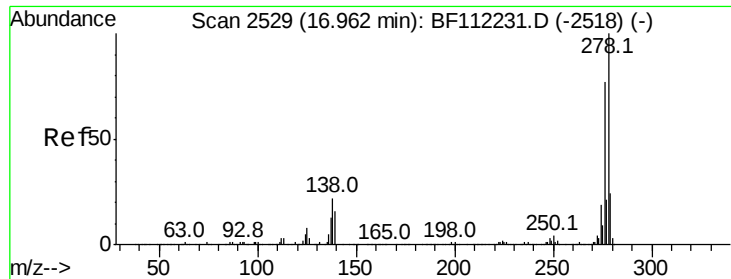
Sohil
2/25/2019 9:21:19 AM



#90
Benzo(a)pyrene
Concen: 113.296 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.03 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	12.4	9.0	13.4





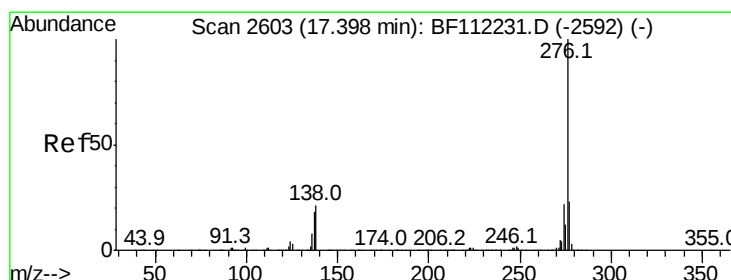
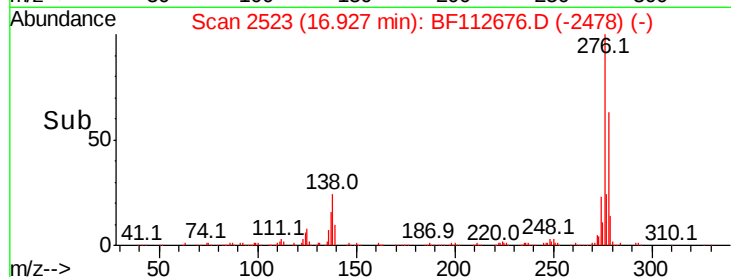
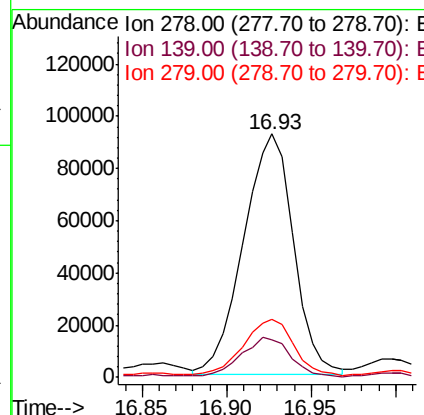
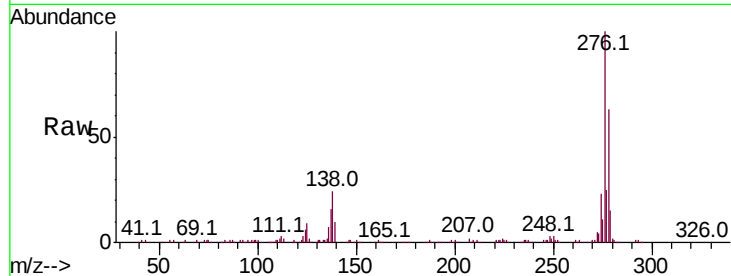
#91
Dibenzo(a,h)anthracene
Concen: 62.108 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.04 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Instrument :
BNA_F
ClientSampleId :
COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.7	20.5
279	23.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
2/25/2019 9:21:19 AM



#92
Benzo(g,h,i)perylene
Concen: 92.229 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BF112676.D
Acq: 22 Feb 2019 20:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.0
138	20.5	19.1	28.7

