

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112686.D
 Acq On : 25 Feb 2019 12:26
 Operator : JU/SJ
 Sample : K1556-01MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPMS

Manual Integrations
 APPROVED

Sohil
 2/26/2019 2:38:59 PM

Quant Time: Feb 25 14:18:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 14:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	75782	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	278771	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	117336	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	185677	20.00	ng	0.00
76) Chrysene-d12	13.99	240	181790	20.00	ng	0.00
87) Perylene-d12	15.46	264	200534	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	597319	167.42	ng	0.00
7) Phenol-d6	6.49	99	727099	146.66	ng	0.00
23) Nitrobenzene-d5	7.39	82	467475	96.62	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	166498	121.91	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	850812	102.55	ng	0.00
79) Terphenyl-d14	12.92	244	728390	75.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	59225	41.671	ng	94
3) Pyridine	3.35	79	145168	40.154	ng	97
4) n-Nitrosodimethylamine	3.29	42	86667	57.058	ng	83
6) Aniline	6.49	93	163382	27.704	ng	87
8) 2-Chlorophenol	6.62	128	205329	42.781	ng	98
9) Benzaldehyde	6.37	77	83413	32.190	ng	98
10) Phenol	6.50	94	288090	52.967	ng	83
11) bis(2-Chloroethyl)ether	6.55	93	183389	42.827	ng	97
12) 1,3-Dichlorobenzene	6.76	146	224151	40.101	ng	99
13) 1,4-Dichlorobenzene	6.83	146	224494	39.025	ng	98
14) 1,2-Dichlorobenzene	6.99	146	213369	39.615	ng	96
15) Benzyl Alcohol	6.97	79	175583	42.014	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.09	45	210557	38.297	ng	98
17) 2-Methylphenol	7.10	107	154736	40.669	ng	92
18) Hexachloroethane	7.32	117	83614	41.392	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	137127	40.113	ng	99
20) 3+4-Methylphenols	7.26	107	203931	41.915	ng	# 60
22) Acetophenone	7.23	105	281882	41.526	ng	93
24) Nitrobenzene	7.40	77	203780	42.174	ng	100
25) Isophorone	7.64	82	347712	45.812	ng	98
26) 2-Nitrophenol	7.72	139	106300	41.166	ng	# 90
27) 2,4-Dimethylphenol	7.77	122	167908	47.196	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	217751	42.134	ng	99
29) 2,4-Dichlorophenol	7.99	162	158992	39.935	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	179512	39.226	ng	98
31) Naphthalene	8.12	128	584448	44.831	ng	98
32) Benzoic acid	7.92	122	33344	16.431	ng	98
33) 4-Chloroaniline	8.18	127	71012	12.510	ng	# 94
34) Hexachlorobutadiene	8.23	225	106448	39.638	ng	99
35) Caprolactam	8.56	113	39423	28.069	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	158097	37.511	ng	96
37) 2-Methylnaphthalene	8.81	142	384321	43.063	ng	96
38) 1-Methylnaphthalene	8.91	142	360893	42.190	ng	96
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	167453	43.465	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	49847	39.588	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	97358	40.997	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	92026	37.078	nq	# 92
46) 1,1'-Biphenyl	9.27	154	446909	43.567	nq	98
47) 2-Chloronaphthalene	9.30	162	332346	41.780	nq	96
48) 2-Nitroaniline	9.41	65	91707	42.298	nq	88
49) Acenaphthylene	9.72	152	531643	45.598	nq	98
50) Dimethylphthalate	9.57	163	413875	45.399	nq	99
51) 2,6-Dinitrotoluene	9.65	165	80023	39.194	nq	# 77
52) Acenaphthene	9.89	154	305504	43.863	nq	99
53) 3-Nitroaniline	9.83	138	57603	26.042	nq	97
54) 2,4-Dinitrophenol	9.96	184	33411	50.990	nq	# 82
55) Dibenzofuran	10.06	168	444579	41.770	nq	# 91
56) 4-Nitrophenol	10.05	139	40564m	34.687	nq	
57) 2,4-Dinitrotoluene	10.06	165	103172	39.693	nq	# 77
58) Fluorene	10.40	166	351253	44.101	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	69324	36.961	nq	# 96
60) Diethylphthalate	10.26	149	361380	39.945	nq	97
61) 4-Chlorophenyl-phenylether	10.39	204	163792	37.804	nq	92
62) 4-Nitroaniline	10.45	138	65128	30.018	nq	90
63) Azobenzene	10.55	77	313126	39.354	nq	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	31348	30.113	nq	84
66) n-Nitrosodiphenylamine	10.51	169	283749	45.343	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	89980	41.203	nq	94
68) Hexachlorobenzene	10.96	284	94392	40.287	nq	94
69) Atrazine	11.03	200	78000	38.629	nq	92
70) Pentachlorophenol	11.17	266	54364	59.631	nq	99
71) Phenanthrene	11.36	178	584626	60.564	nq	97
72) Anthracene	11.42	178	499904	51.988	nq	98
73) Carbazole	11.58	167	386011	40.697	nq	99
74) Di-n-butylphthalate	11.89	149	488653	41.505	nq	98
75) Fluoranthene	12.56	202	915460	88.420	nq	99
77) Benzdine	12.68	184	78450	15.679	nq	99
78) Pyrene	12.79	202	890410	70.745	nq	99
80) Butylbenzylphthalate	13.38	149	224203	36.819	nq	95
81) Benzo(a)anthracene	13.97	228	753618	70.520	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	87478	21.873	nq	# 99
83) Chrysene	14.02	228	665133	65.204	nq	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	310388	35.909	nq	97
85) Di-n-octyl phthalate	14.54	149	578882	43.529	nq	97
86) Indeno(1,2,3-cd)pyrene	16.96	276	674798	83.484	nq	94
88) Benzo(b)fluoranthene	15.03	252	884590	73.760	nq	99
89) Benzo(k)fluoranthene	15.06	252	635657	55.335	nq	100
90) Benzo(a)pyrene	15.40	252	789979	73.207	nq	99
91) Dibenzo(a,h)anthracene	16.95	278	442204	50.845	nq	99
92) Benzo(g,h,i)perylene	17.40	276	540949	65.927	nq	96

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

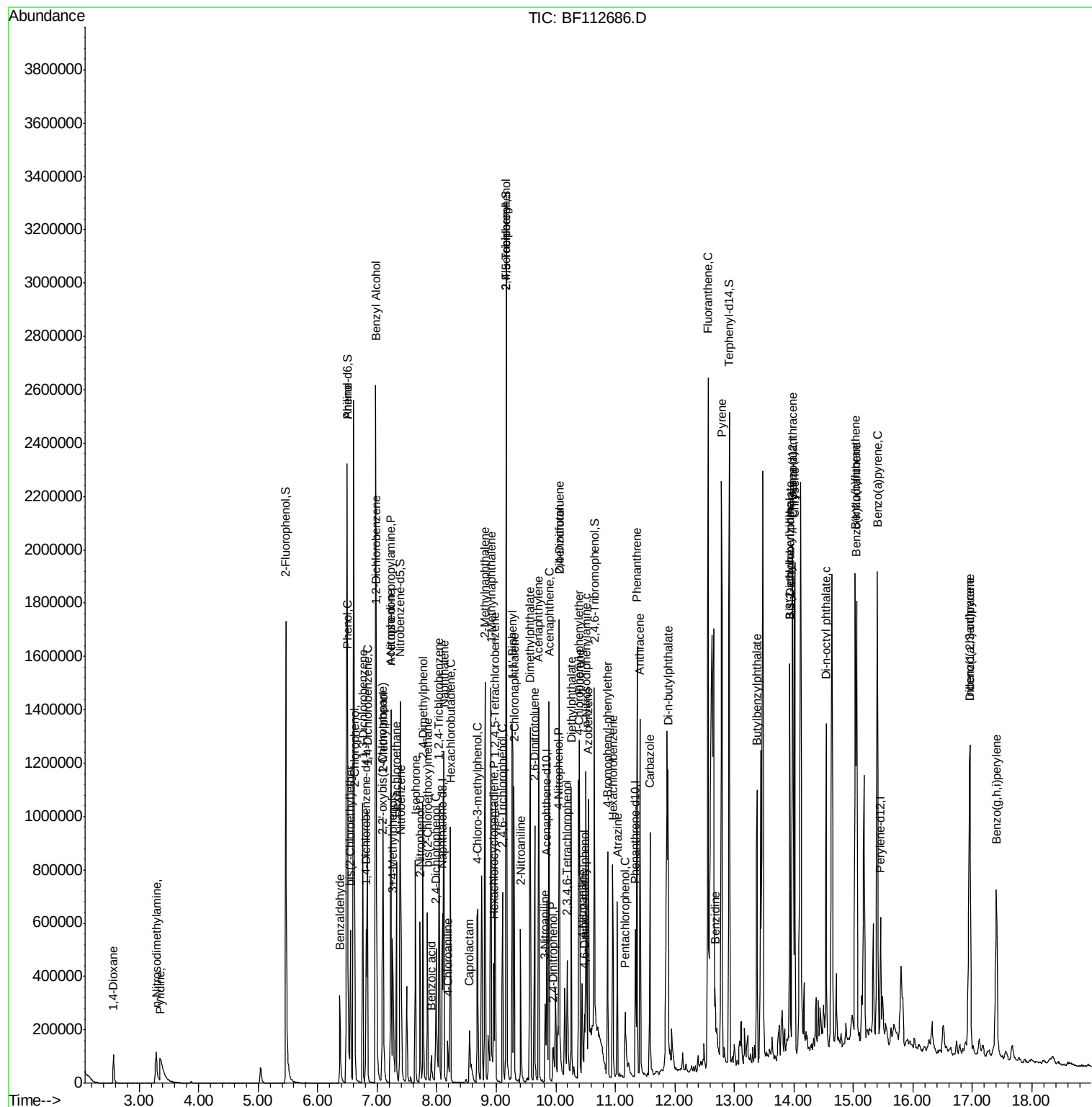
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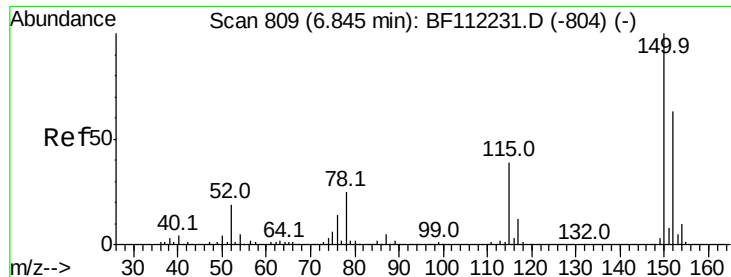
Instrument :
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ClientSampled :
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#1

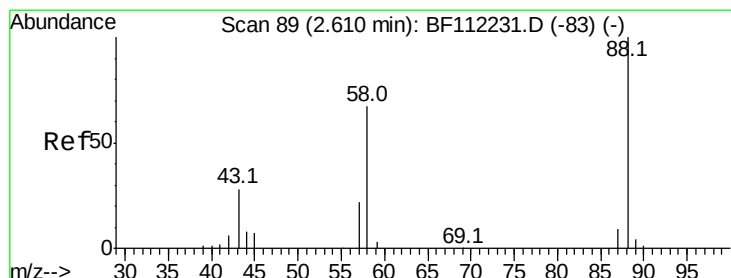
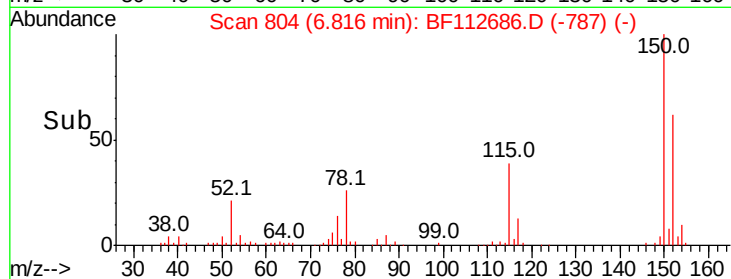
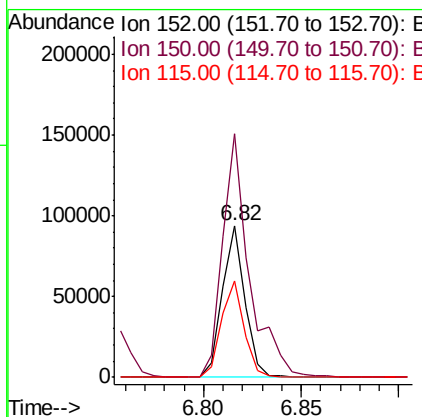
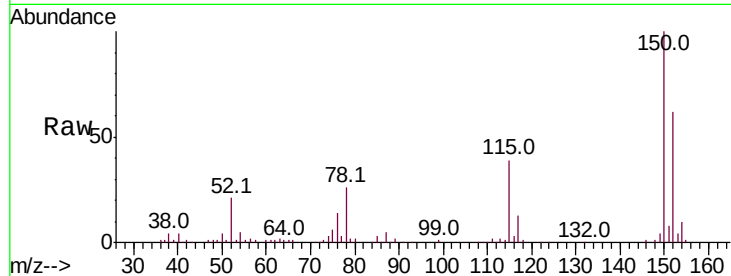
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	127.4	191.0
115	63.4	45.5	68.3

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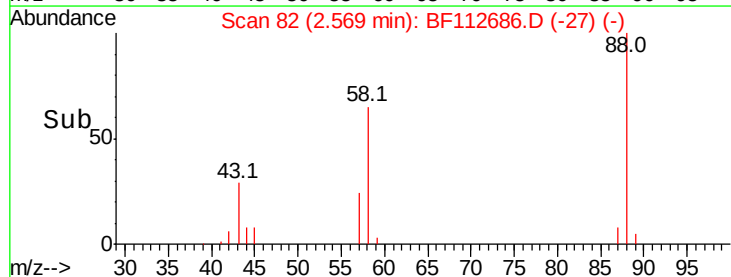
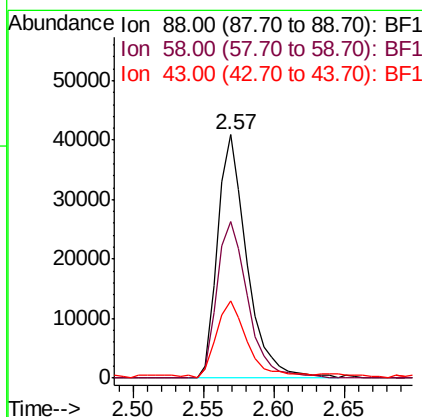
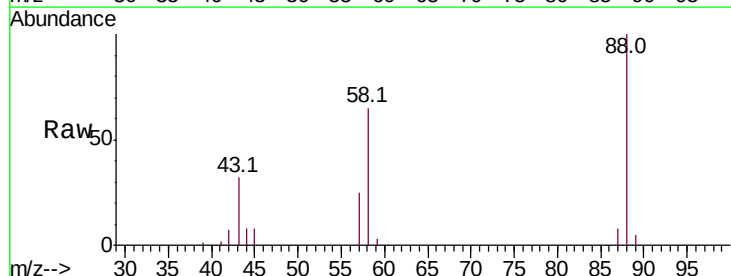
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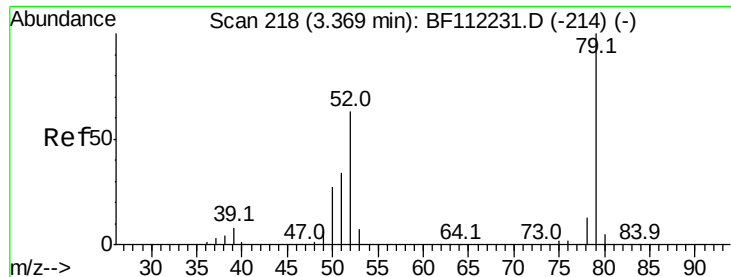


#2

1,4-Dioxane
Concen: 41.671 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.02 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	57.4	86.2
43	32.1	22.2	33.4





#3

Pvridine

Concen: 40.154 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.05 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

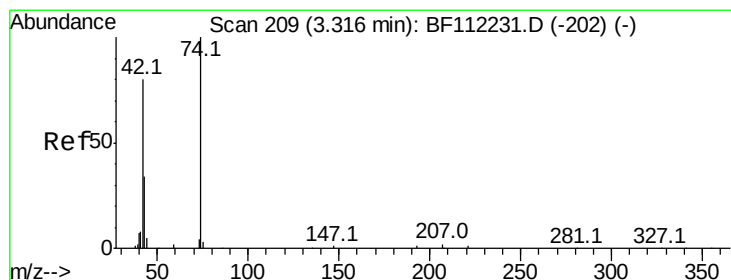
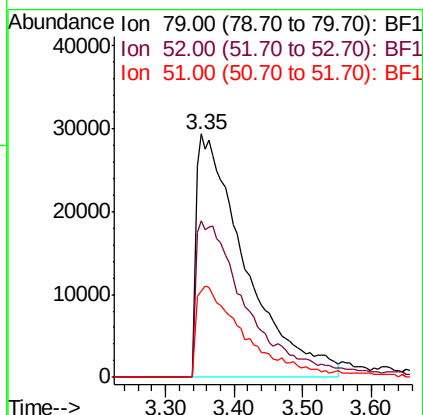
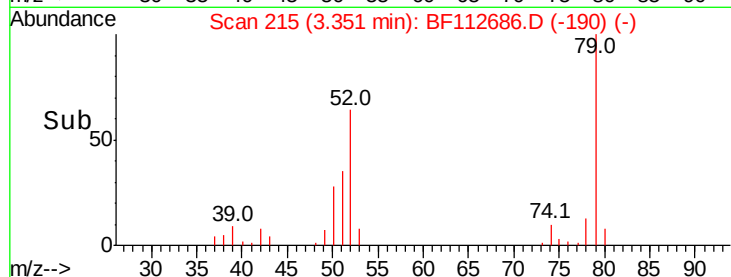
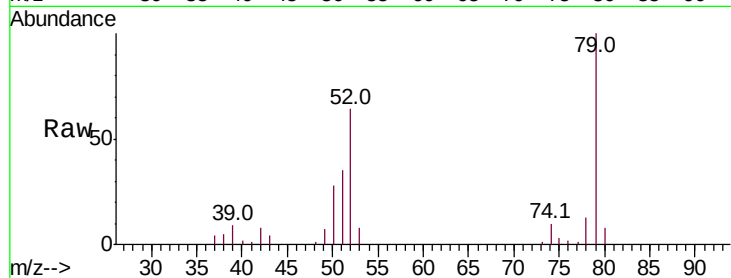
ClientSampleId :

COMPMS

Tot Ion:	79	Resp:	145168
Ion	Ratio	Lower	Upper
79	100		
52	64.5	52.4	78.6
51	35.4	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 57.058 ng

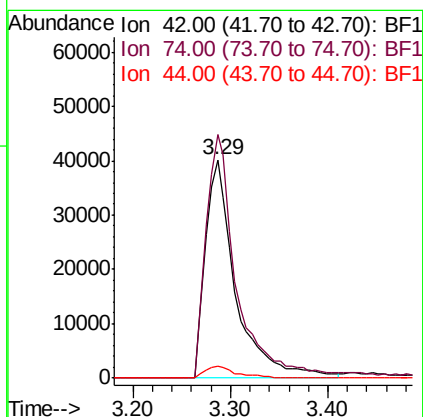
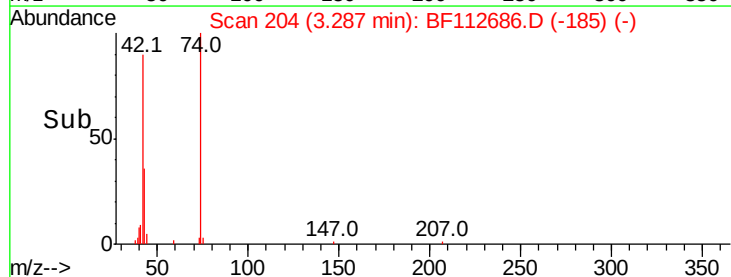
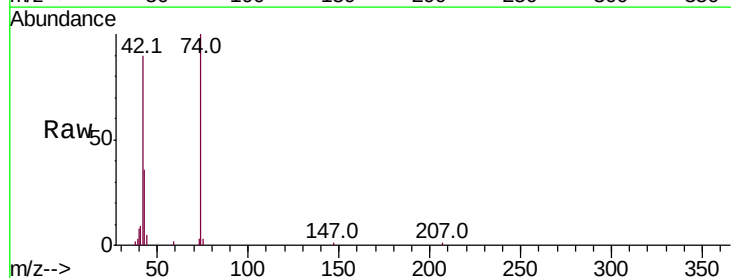
RT: 3.29 min Scan# 204

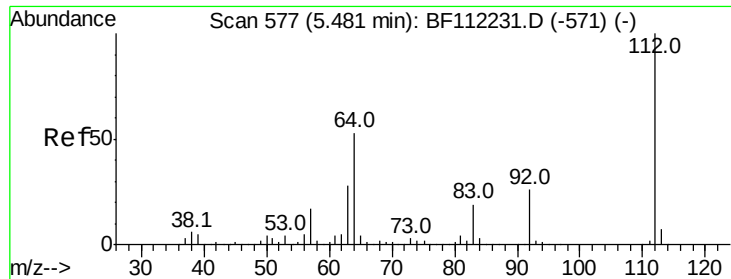
Delta R.T. 0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Tgt Ion:	42	Resp:	86667
Ion	Ratio	Lower	Upper
42	100		
74	111.5	105.6	158.4
44	5.5	5.4	8.2





#5

2-Fluorophenol

Concen: 167.420 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

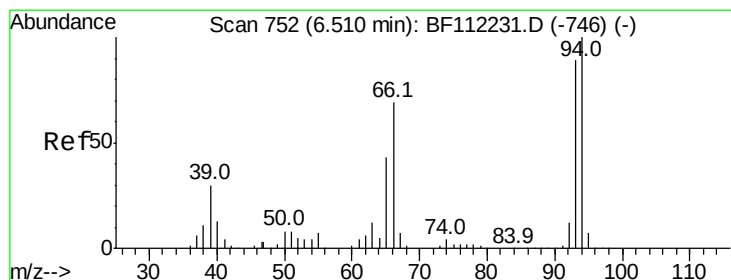
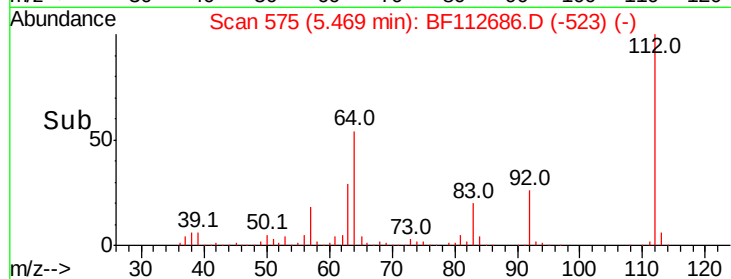
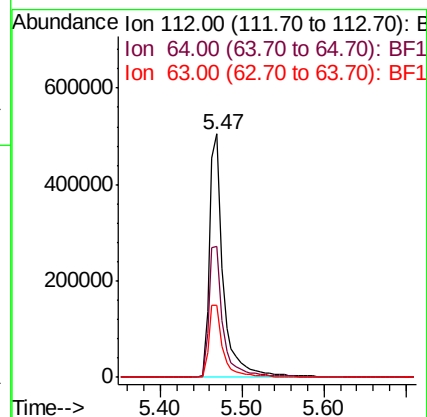
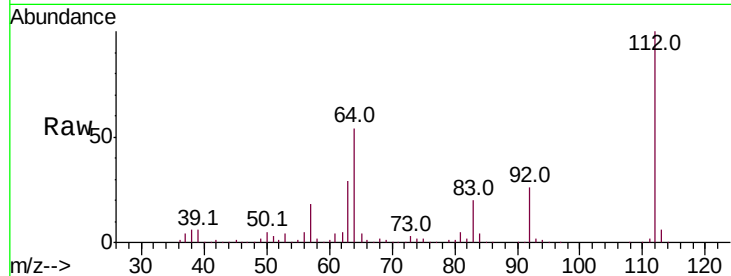
ClientSampled :

COMPMS

Tot Ion:	112	Resp:	597319
Ion Ratio	Lower	Upper	
112	100		
64	54.1	45.7	68.5
63	29.4	23.6	35.4

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#6

Aniline

Concen: 27.704 ng

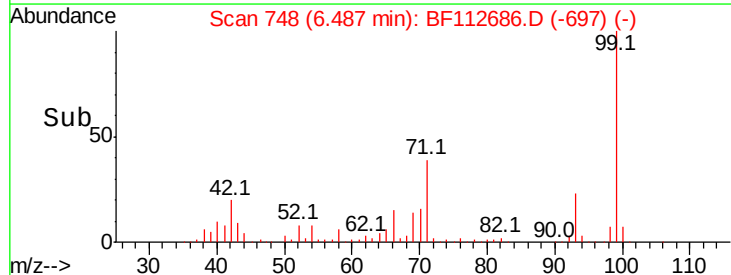
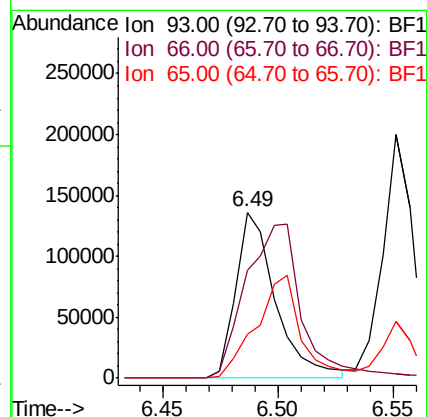
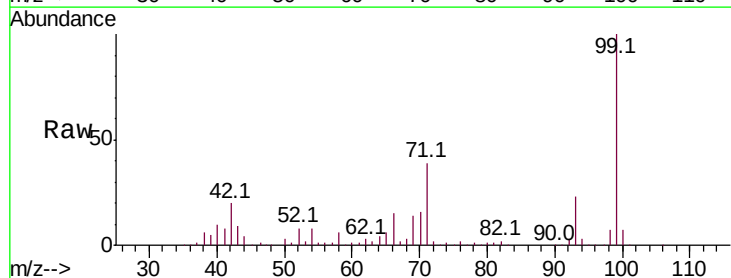
RT: 6.49 min Scan# 748

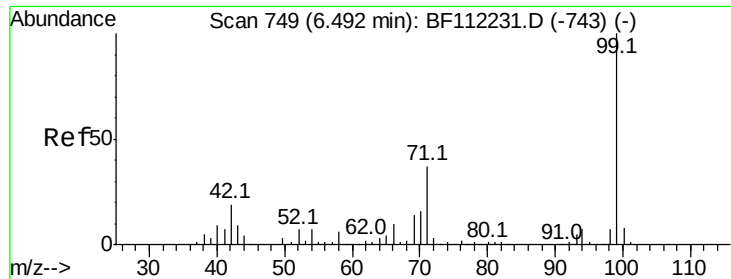
Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Tgt Ion:	93	Resp:	163382
Ion Ratio	Lower	Upper	
93	100		
66	64.9	43.4	65.2
65	26.2	25.3	37.9





#7

Phenol-d6

Concen: 146.663 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

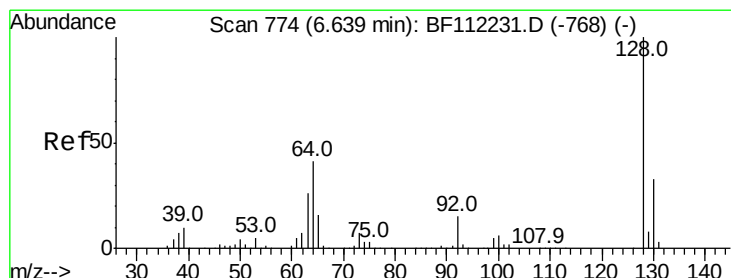
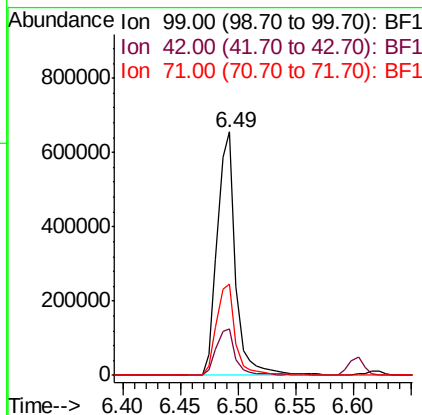
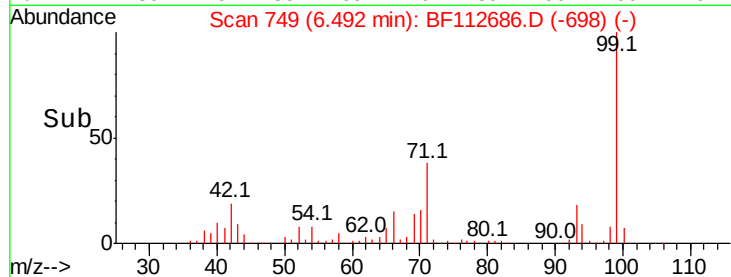
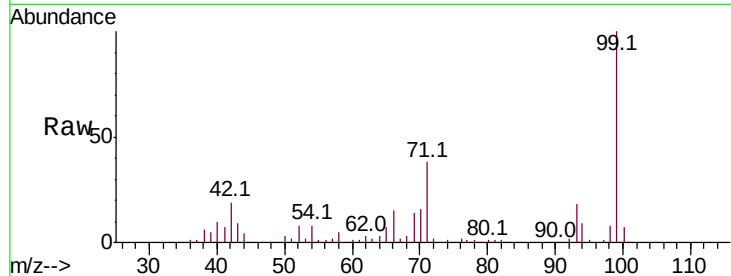
ClientSampleId :

COMPMS

Tot Ion:	99	Resp:	727099
Ion Ratio	Lower	Upper	
99	100		
42	19.2	15.1	22.7
71	37.6	26.9	40.3

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#8

2-Chlorophenol

Concen: 42.781 ng

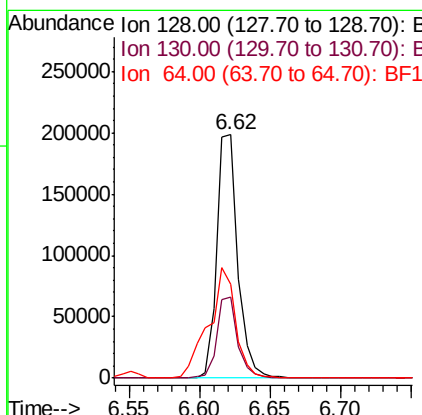
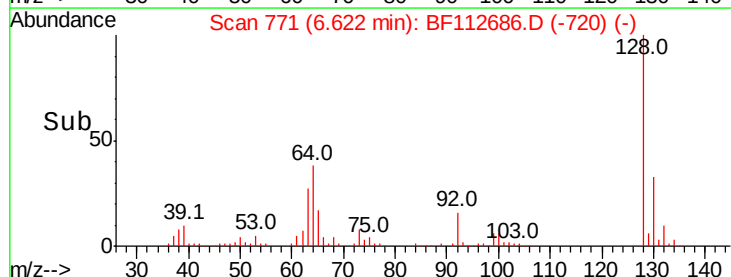
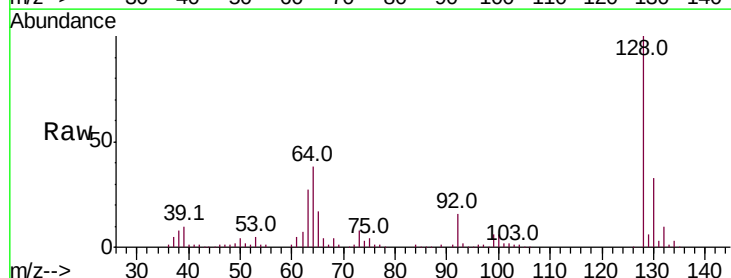
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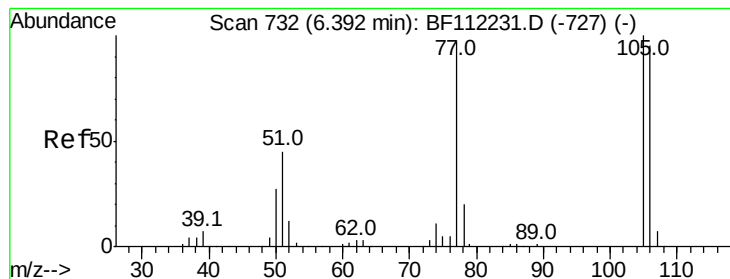
Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Tgt Ion:	128	Resp:	205329
Ion Ratio	Lower	Upper	
128	100		
130	33.1	13.4	53.4
64	38.3	20.5	60.5





#9

Benzaldehyde

Concen: 32.190 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampled :

COMPMS

Tot Ion: 77 Resp: 83413

Ion Ratio Lower Upper

77 100

105 103.4 80.8 120.8

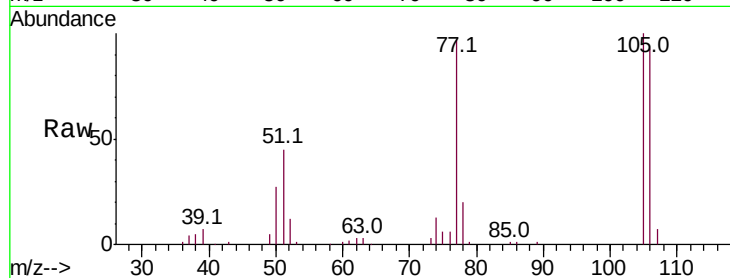
106 96.1 75.7 115.7

Manual Integrations

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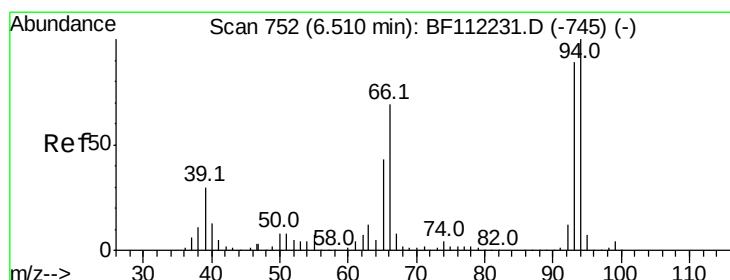
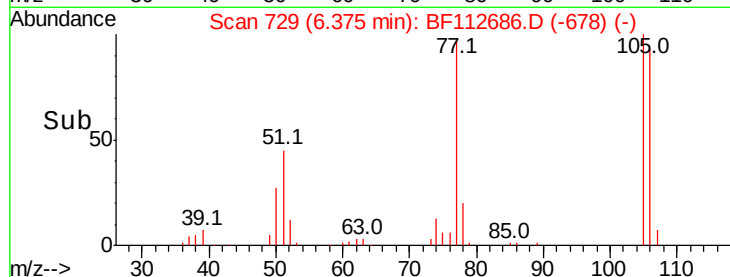
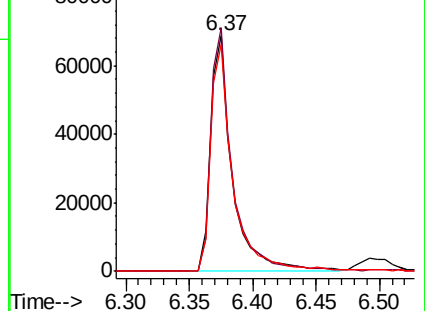
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 52.967 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

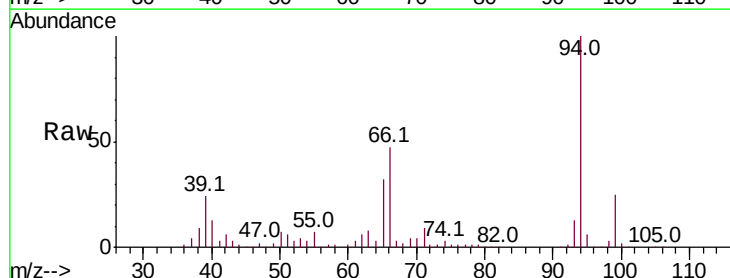
Tgt Ion: 94 Resp: 288090

Ion Ratio Lower Upper

94 100

65 31.7 20.3 60.3

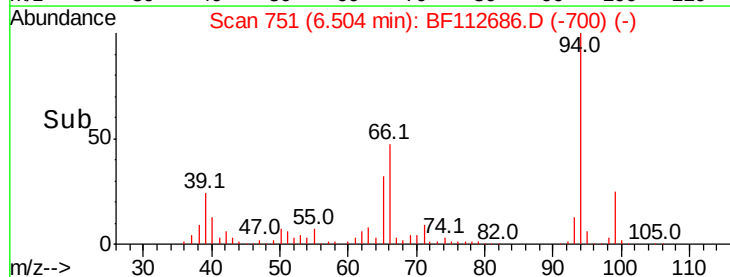
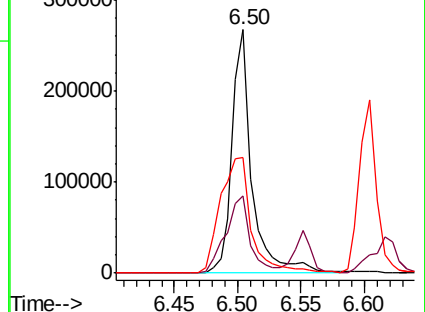
66 47.3 42.4 82.4

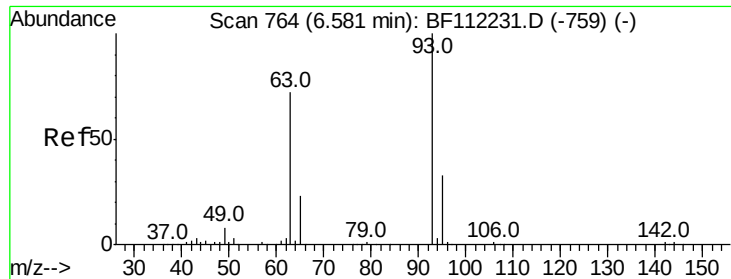


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





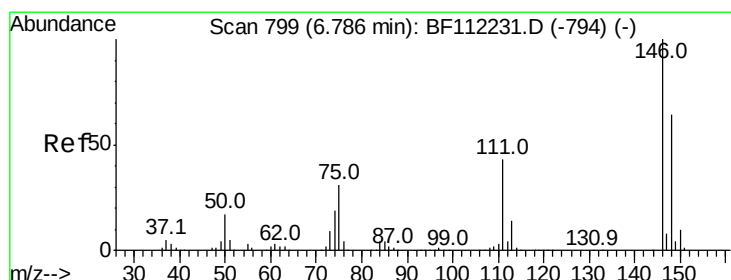
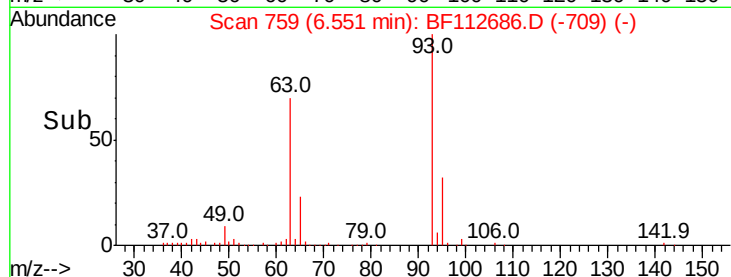
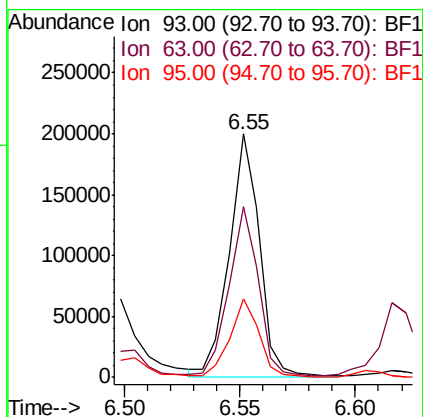
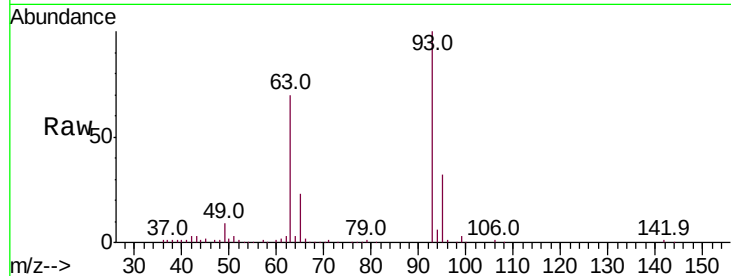
#11
bis(2-Chloroethyl)ether
Concen: 42.827 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampled :
COMPMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.2	53.3	93.3
95	32.4	13.4	53.4

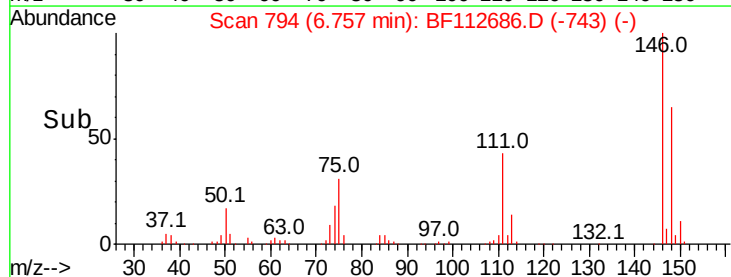
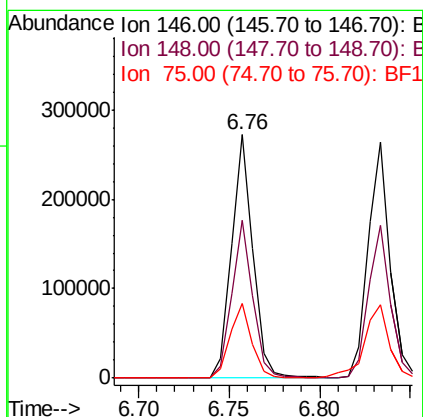
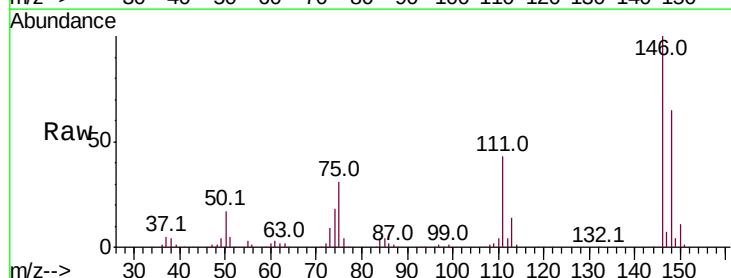
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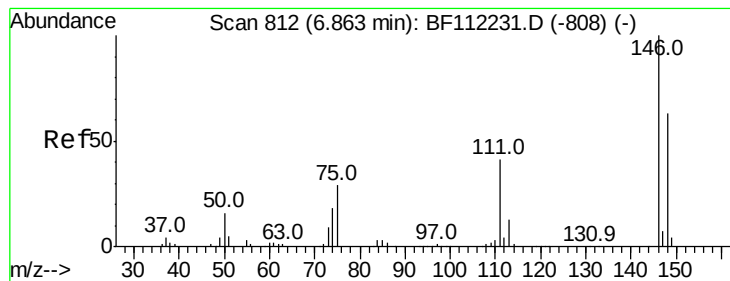
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.101 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	30.6	23.1	34.7





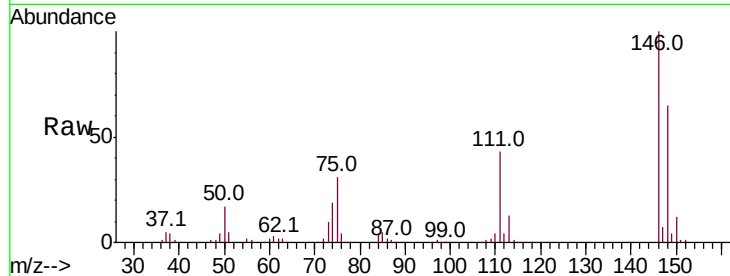
#13
 1,4-Dichlorobenzene
 Concen: 39.025 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :
 COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.0	78.0
111	42.6	31.2	46.8

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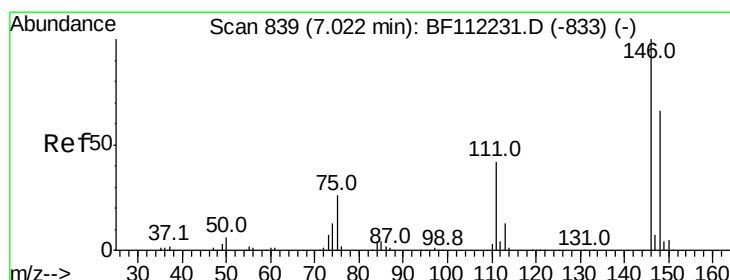
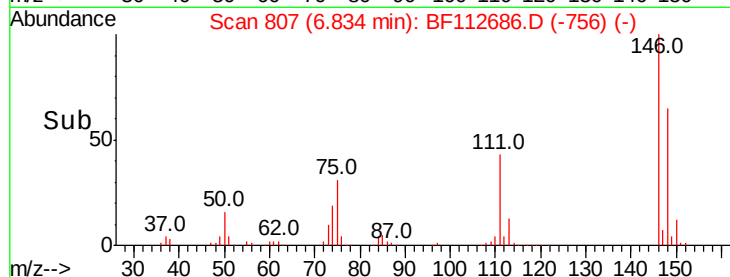
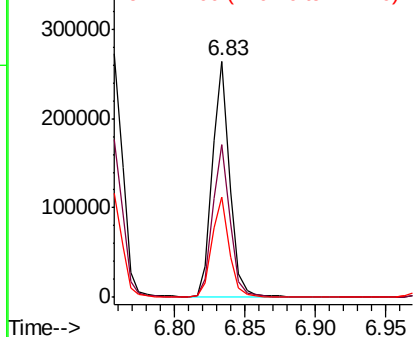


Abundance

Ion 146.00 (145.70 to 146.70): E

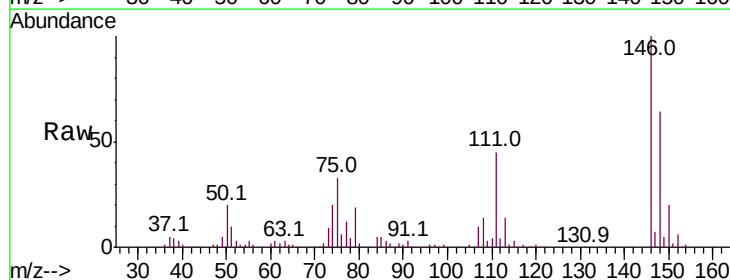
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.615 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.4
111	45.1	31.2	46.8

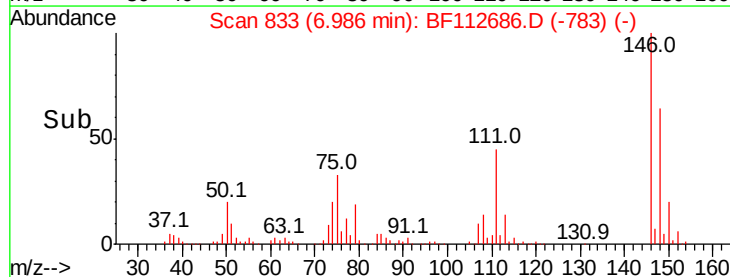
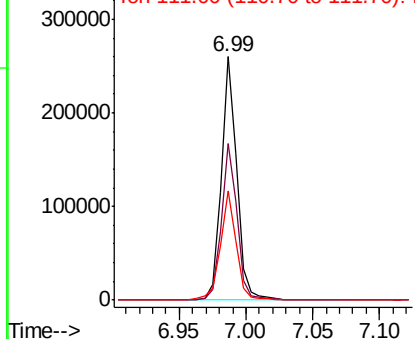


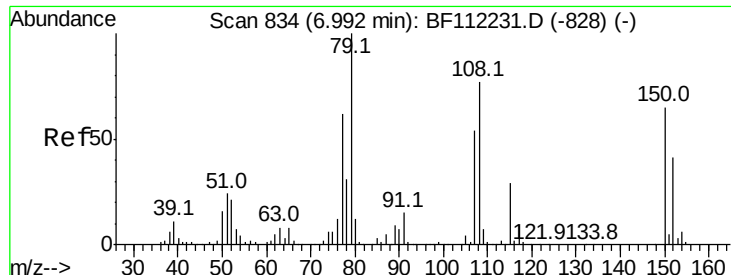
Abundance

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





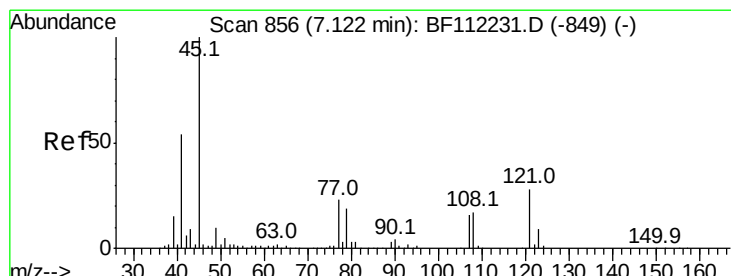
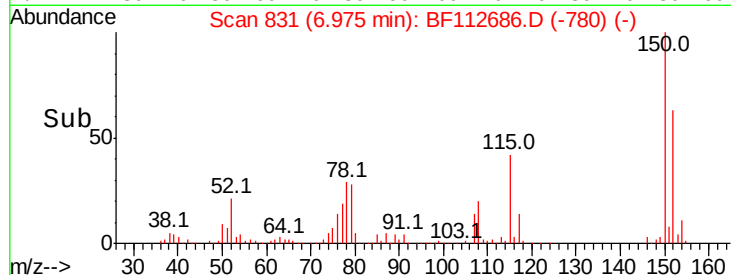
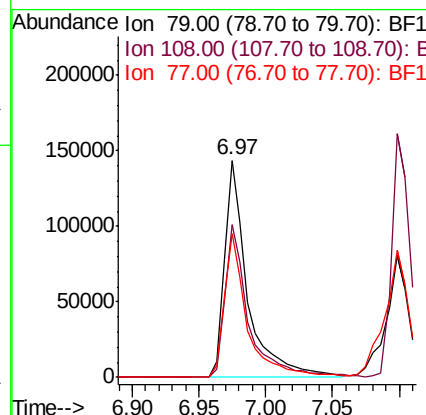
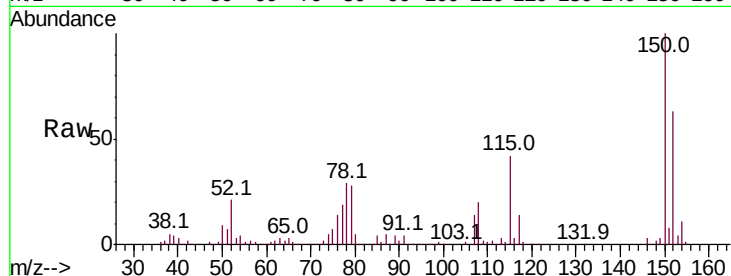
#15
Benzyl Alcohol
Concen: 42.014 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampled :
COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.0	64.2	96.2
77	66.3	50.3	75.5

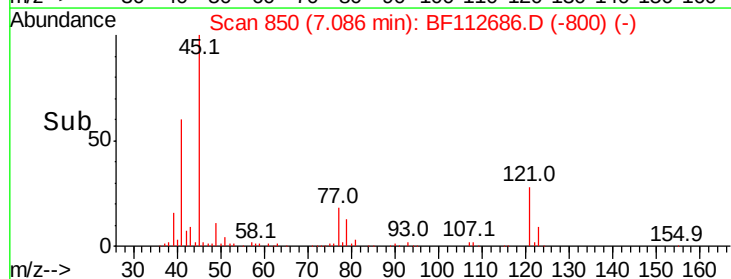
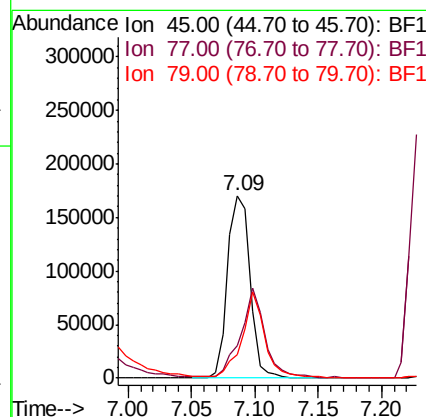
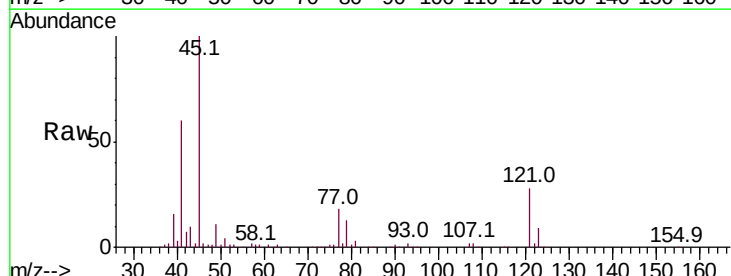
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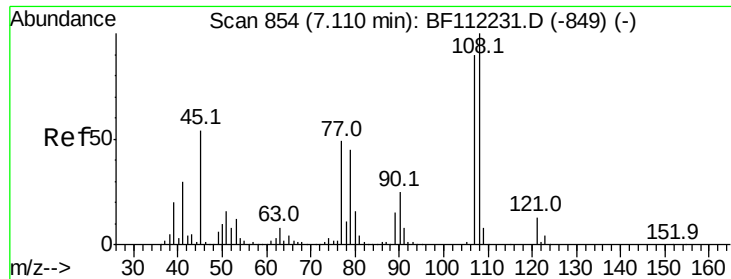
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.297 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	36.9
79	12.7	0.0	34.0





#17

2-Methylphenol

Concen: 40.669 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampled :

COMPMS

Tot Ion:107 Resp: 154736

Ion Ratio Lower Upper

107 100

108 109.7 91.3 136.9

77 57.5 39.0 58.6

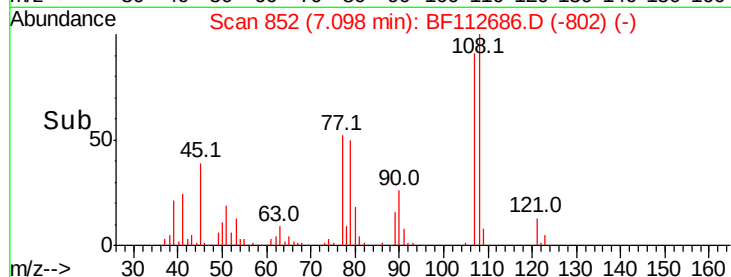
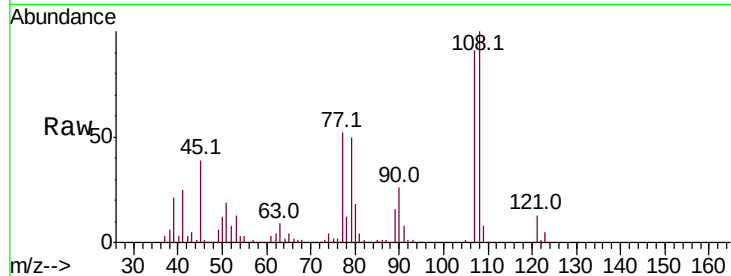
79 55.1 37.0 55.4

Manual Integrations

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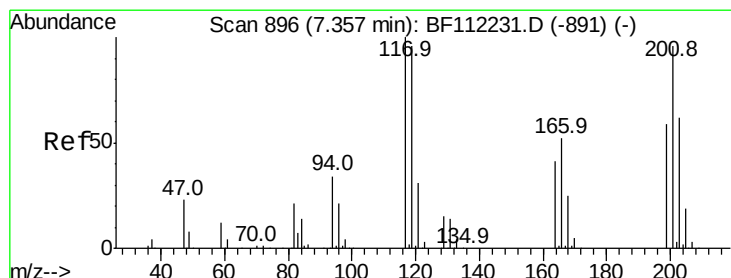
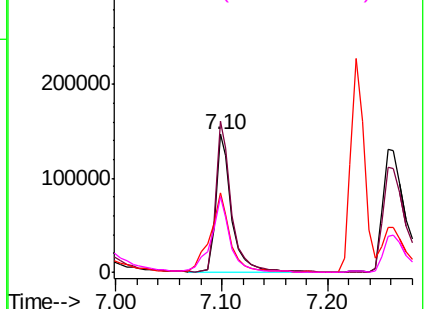


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.392 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

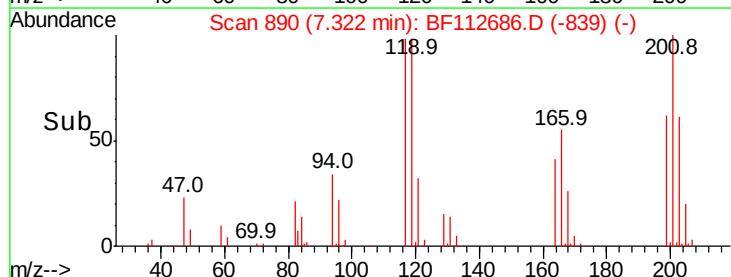
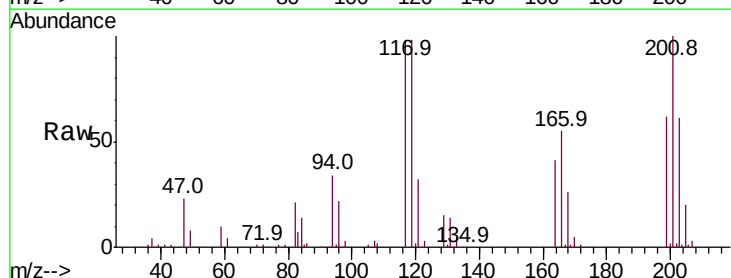
Tgt Ion:117 Resp: 83614

Ion Ratio Lower Upper

117 100

119 100.1 77.0 115.4

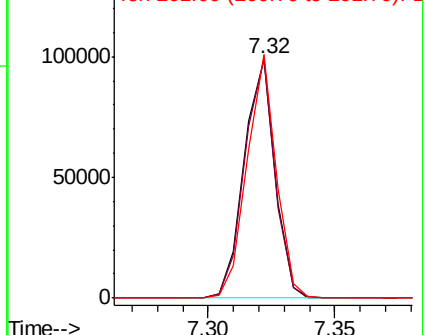
201 101.8 74.1 111.1

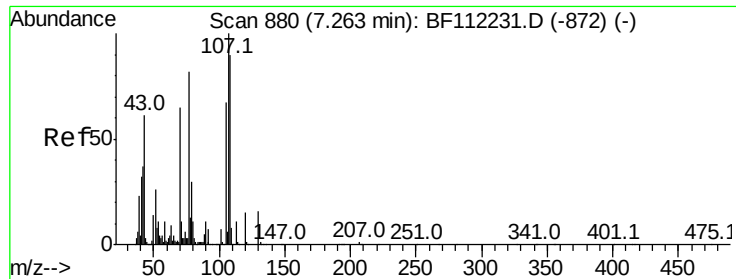


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





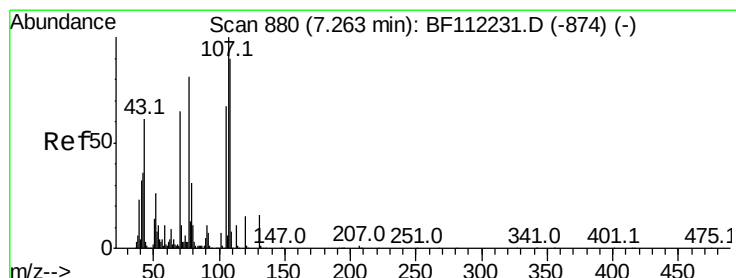
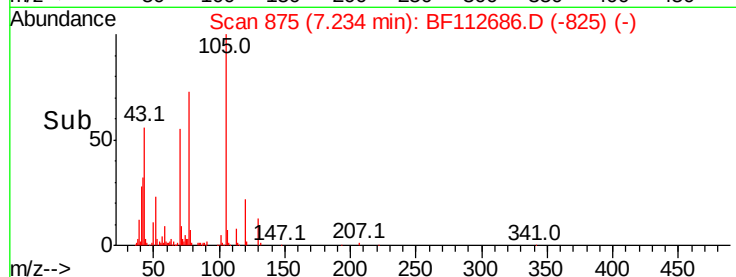
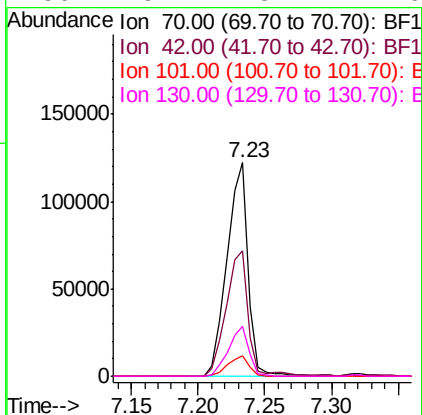
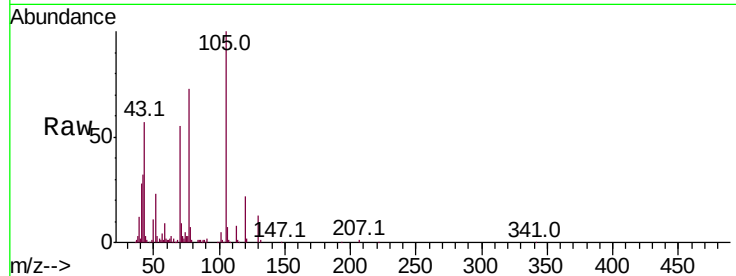
#19
n-Nitroso-di-n-propylamine
Concen: 40.113 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampled :
COMPMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.9	47.6	71.4
101	9.9	7.9	11.9
130	23.4	18.4	27.6

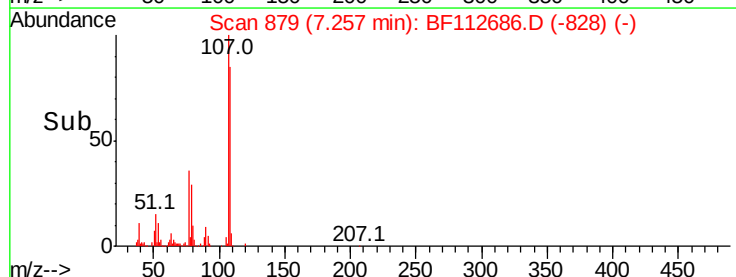
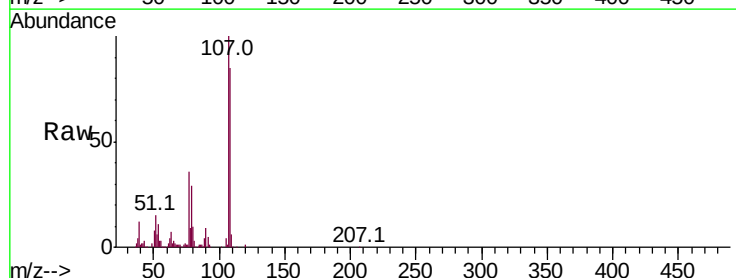
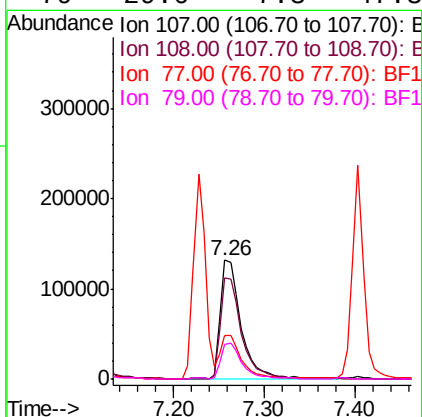
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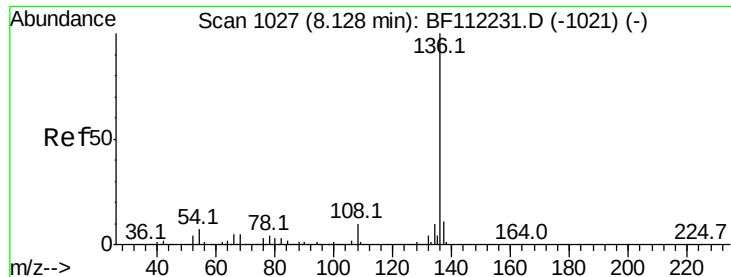
Sohil
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#20
3+4-Methylphenols
Concen: 41.915 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.9	68.2	108.2
77	36.4	100.7	140.7#
79	29.0	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

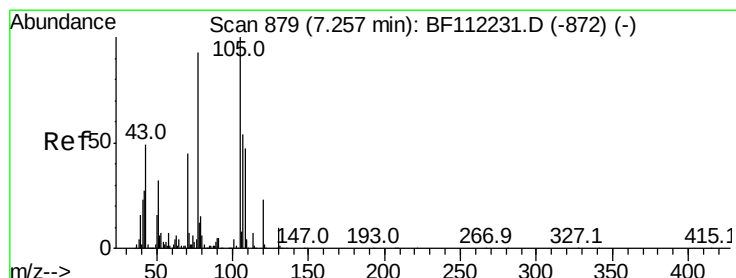
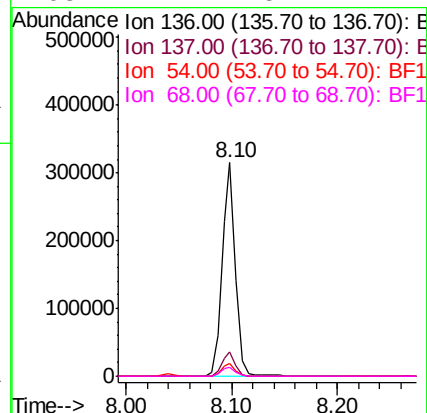
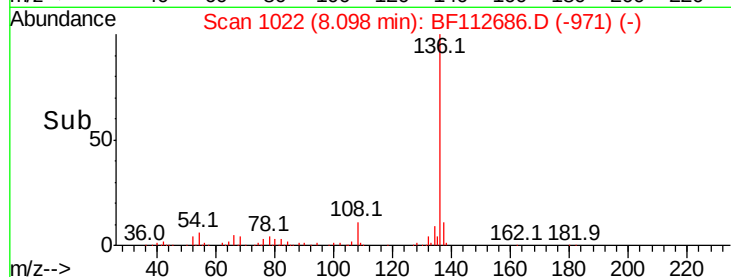
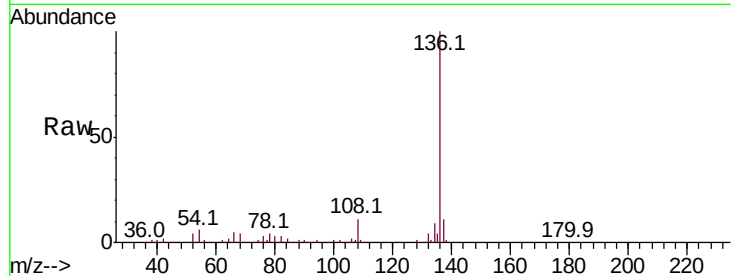
ClientSampleId :

COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	278771		
137	11.5	9.1	13.7	
54	5.8	5.9	8.9#	
68	4.1	5.1	7.7#	

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#22

Acetophenone

Concen: 41.526 ng

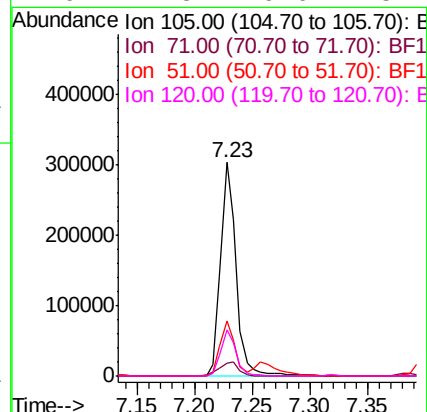
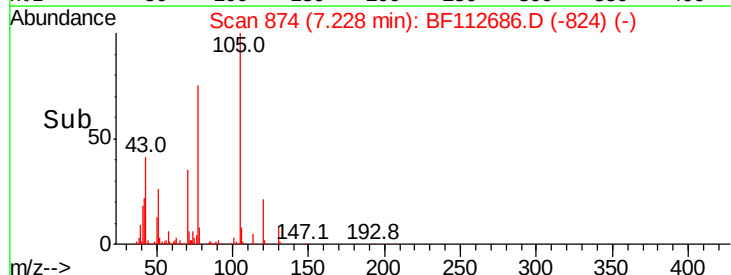
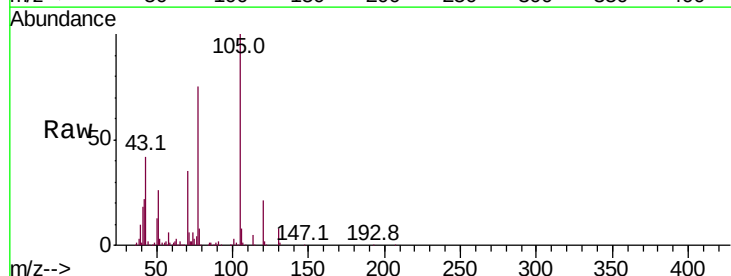
RT: 7.23 min Scan# 874

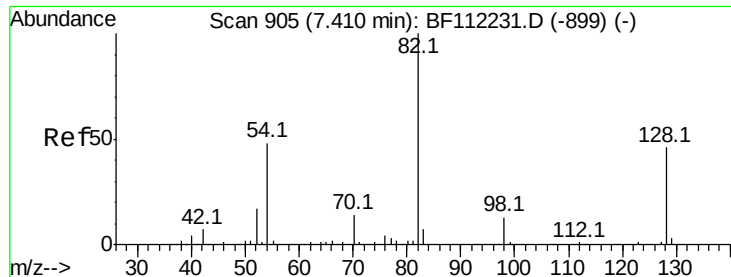
Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	281882		
71	6.0	4.6	6.8	
51	26.1	25.0	37.6	
120	21.3	19.0	28.4	





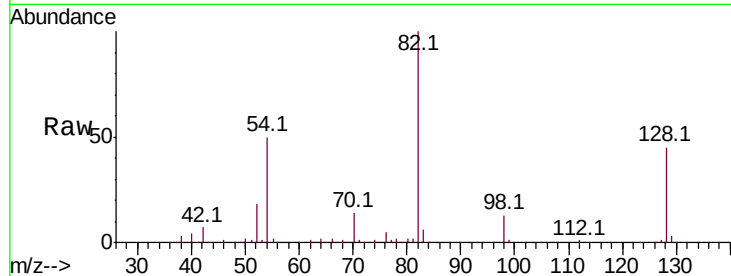
#23
Nitrobenzene-d5
Concen: 96.623 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

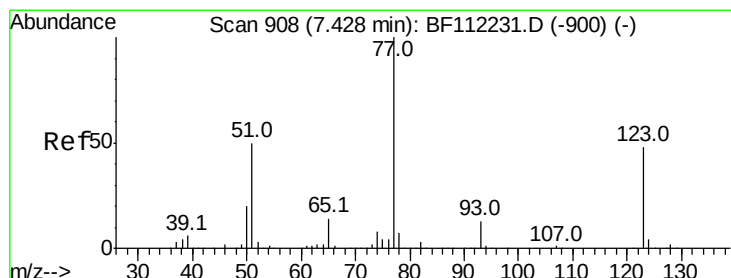
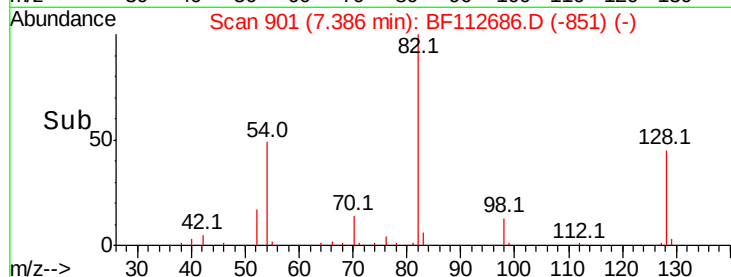
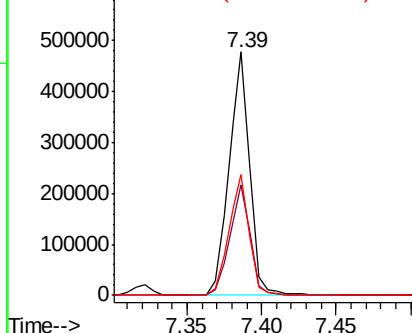
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.8	56.8
54	49.6	39.7	59.5

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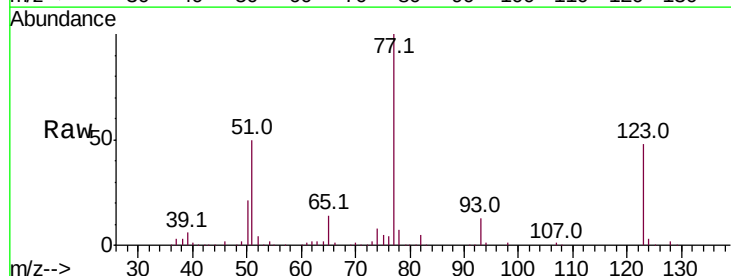


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

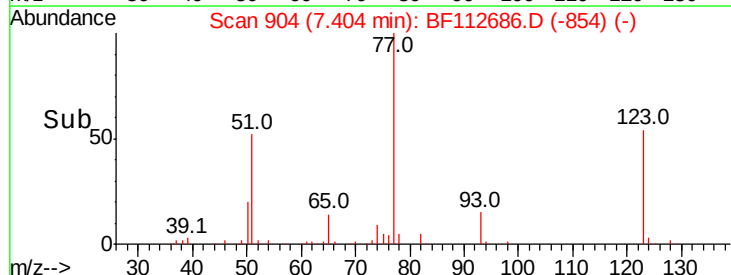
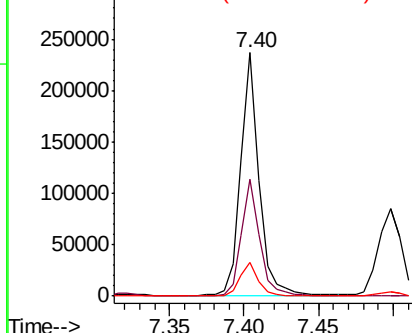


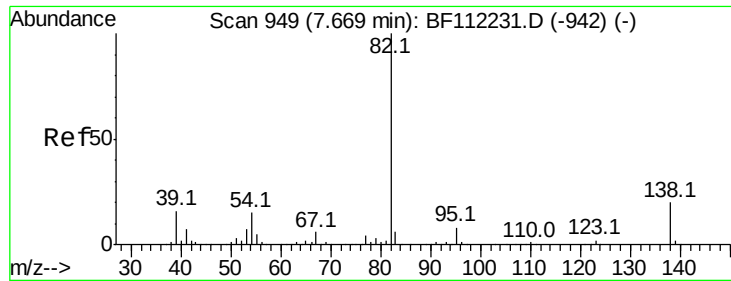
#24
Nitrobenzene
Concen: 42.174 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	38.4	57.6
65	13.8	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.812 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

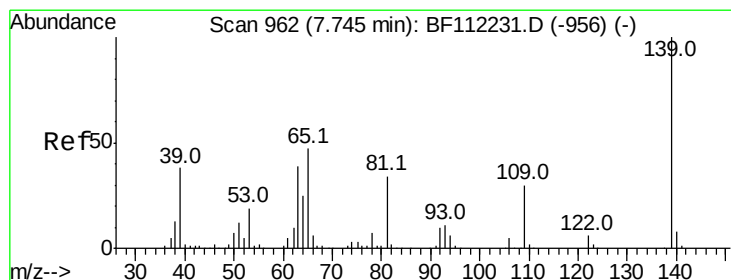
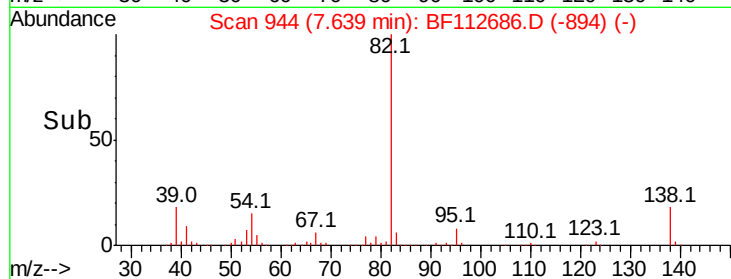
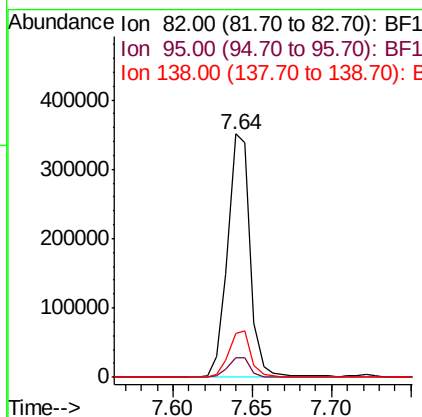
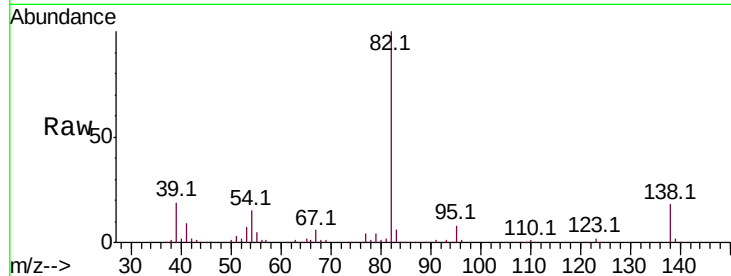
ClientSampleId :

COMPMS

Tot Ion:	82	Resp:	347712
Ion Ratio	Lower	Upper	
82	100		
95	8.1	5.7	8.5
138	18.1	15.4	23.0

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#26

2-Nitrophenol

Concen: 41.166 ng

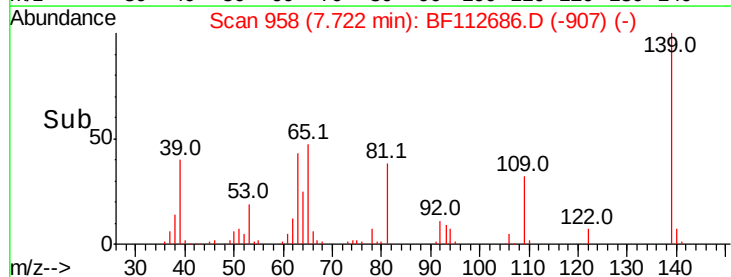
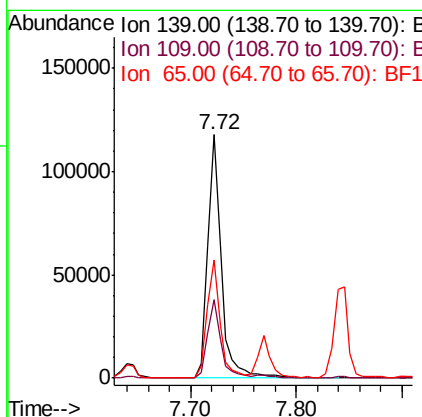
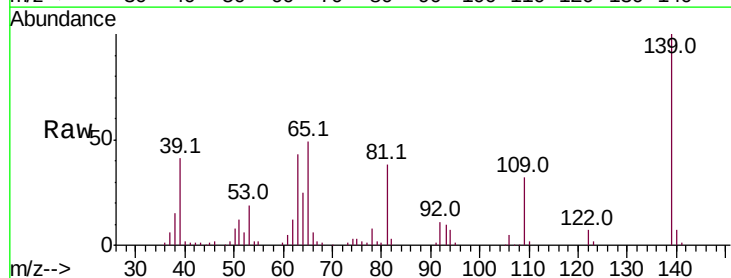
RT: 7.72 min Scan# 958

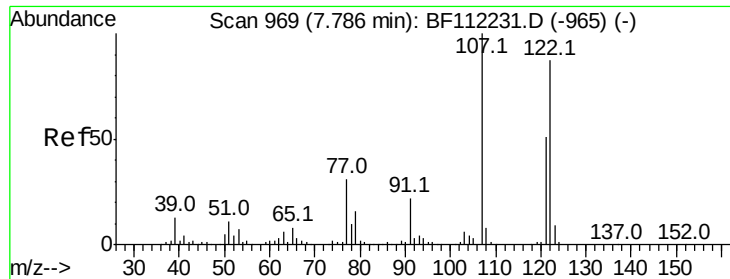
Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Tgt Ion:	139	Resp:	106300
Ion Ratio	Lower	Upper	
139	100		
109	32.1	20.8	31.2#
65	48.5	34.4	51.6





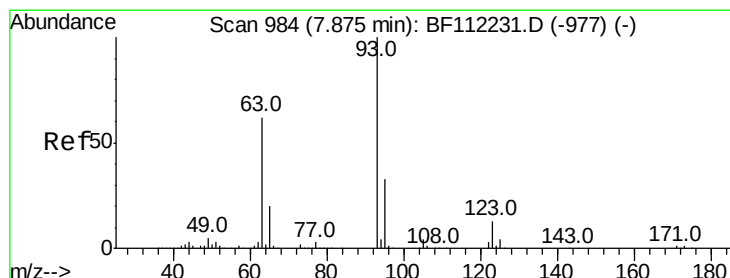
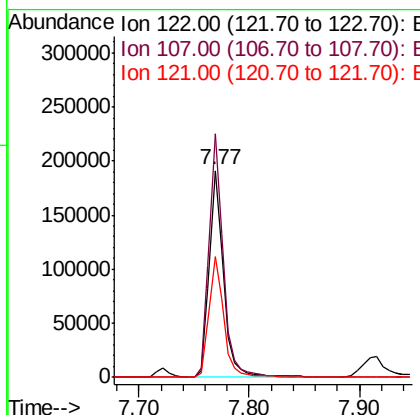
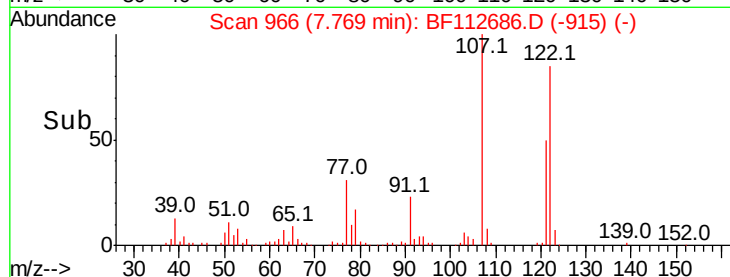
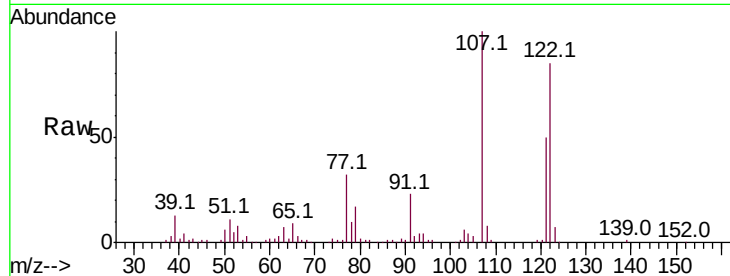
#27
2,4-Dimethylphenol
Concen: 47.196 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	167908		
107	117.7	85.4	128.0	
121	58.6	47.0	70.4	

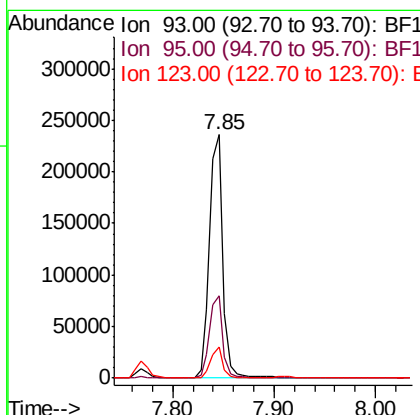
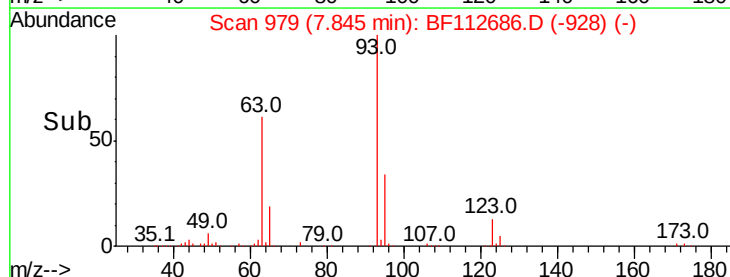
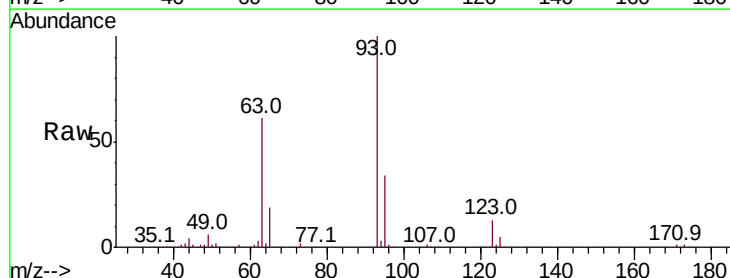
Manual Integrations
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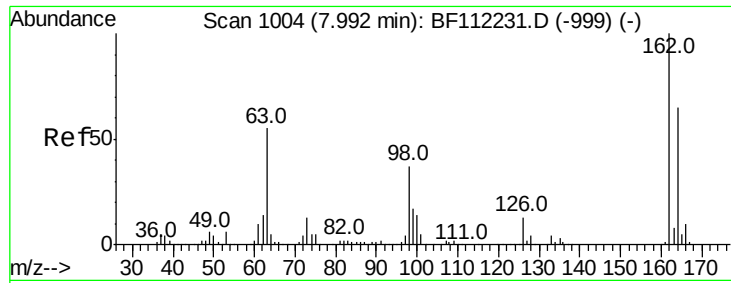
Sohil
2/26/2019 2:38:59 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.134 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	217751		
95	33.8	26.8	40.2	
123	12.5	10.2	15.2	





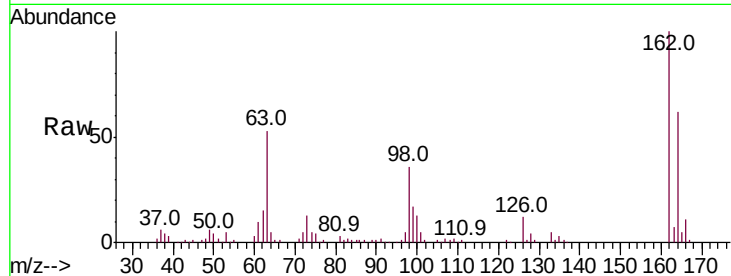
#29
2,4-Dichlorophenol
Concen: 39.935 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampled :
COMPMS

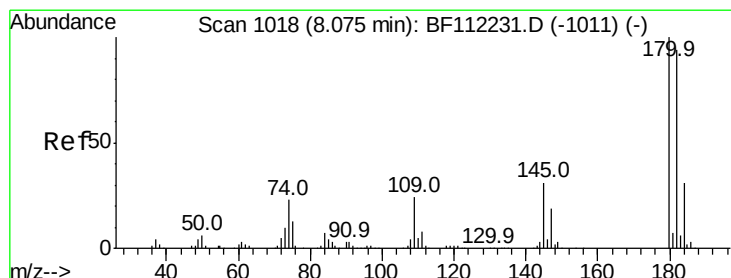
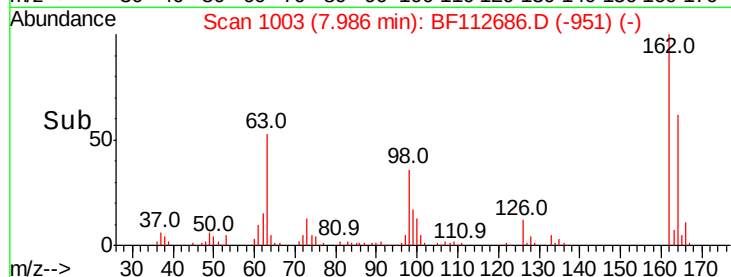
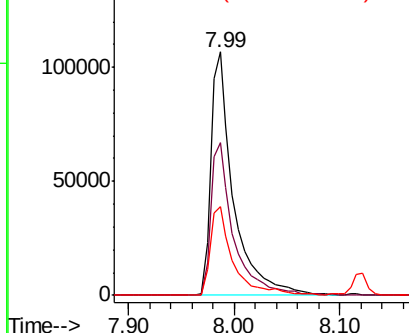
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.5	44.6	84.6
98	36.5	14.6	54.6

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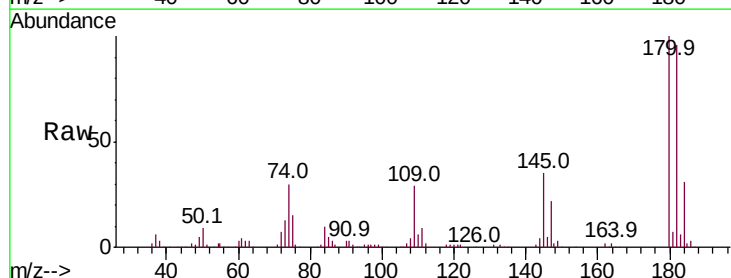


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

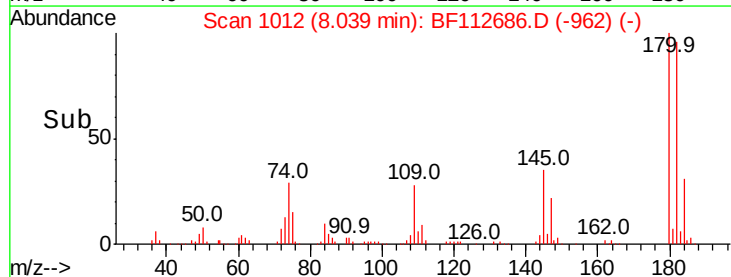
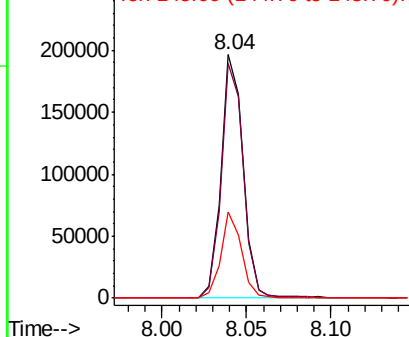


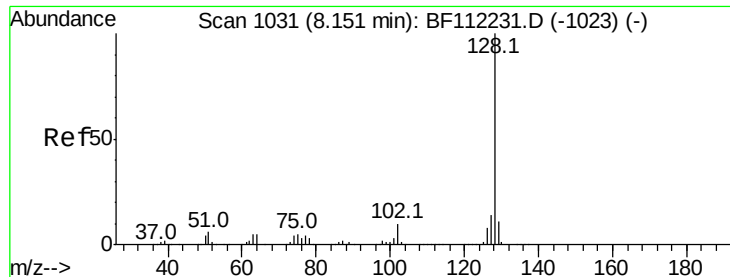
#30
1,2,4-Trichlorobenzene
Concen: 39.226 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.3	76.4	114.6
145	35.2	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





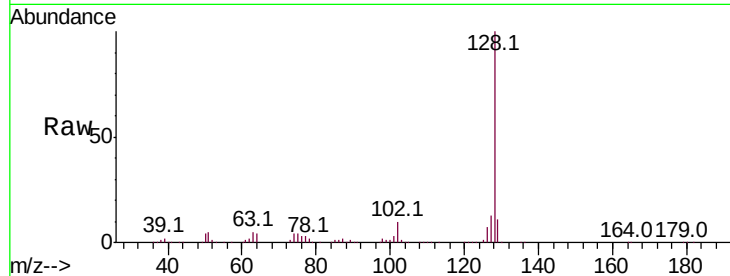
#31
Naphthalene
Concen: 44.831 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	9.6	14.4	
127	13.5	11.1	16.7	

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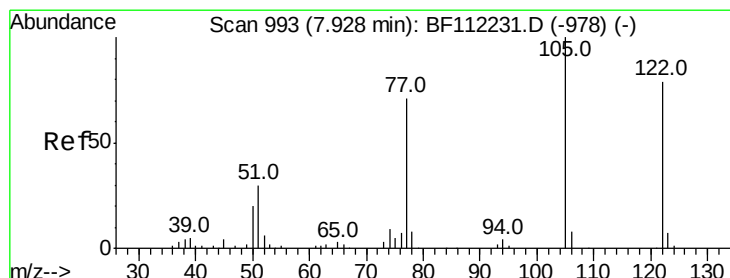
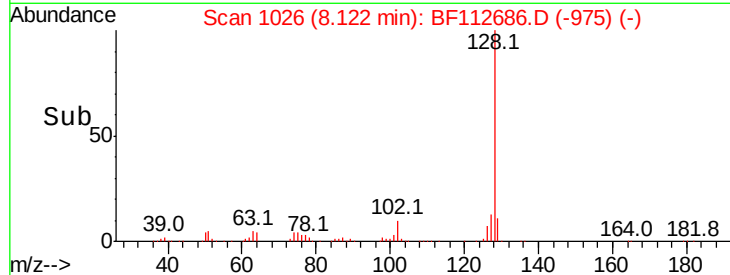
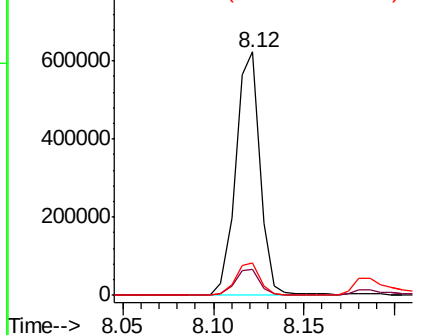


Abundance

Ion 128.00 (127.70 to 128.70): E

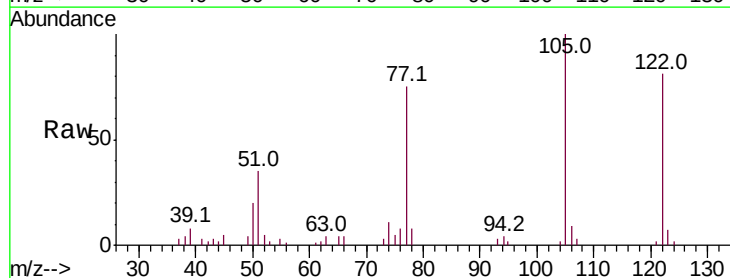
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 16.431 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.04 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.8	101.2	141.2	
77	92.2	70.4	110.4	

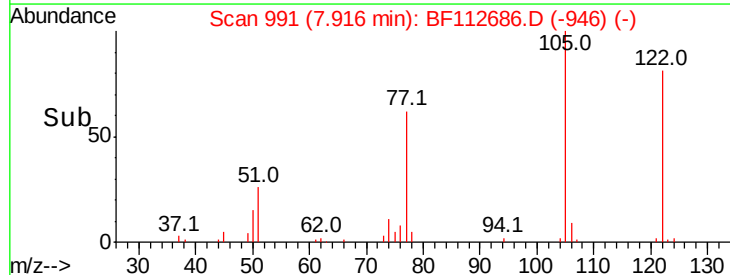
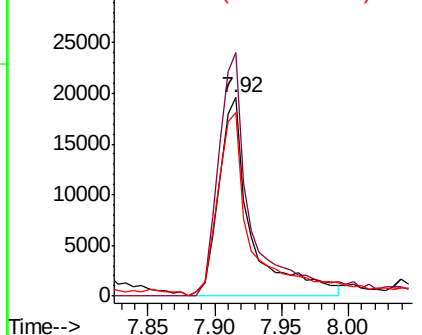


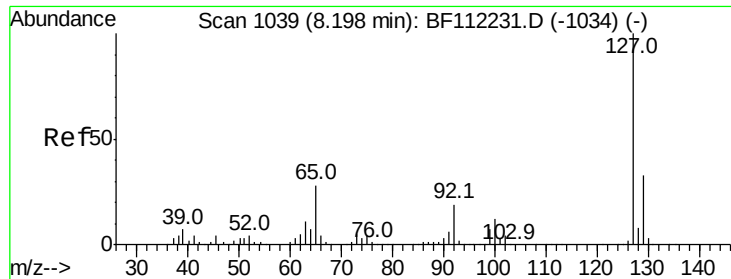
Abundance

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





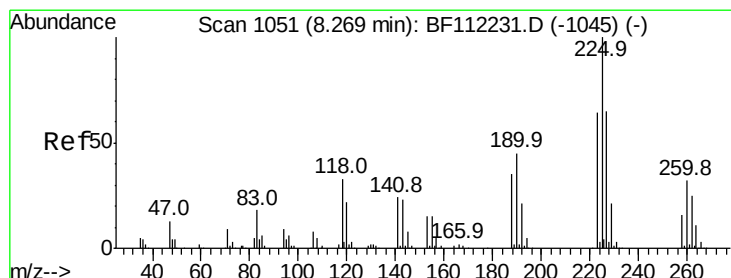
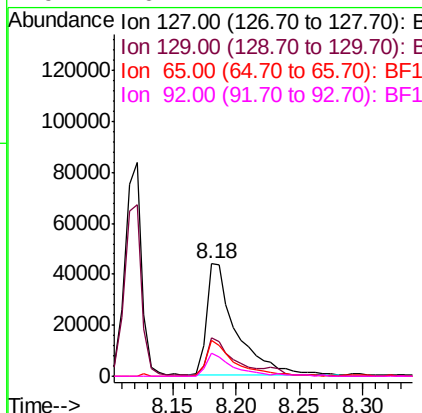
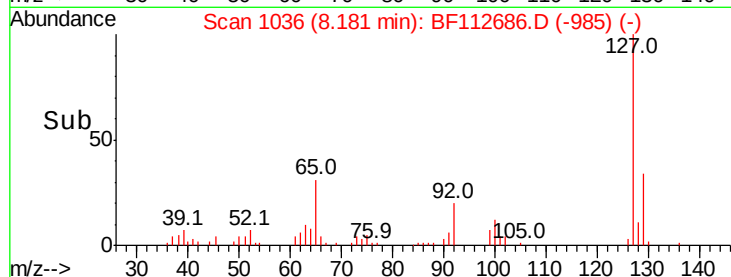
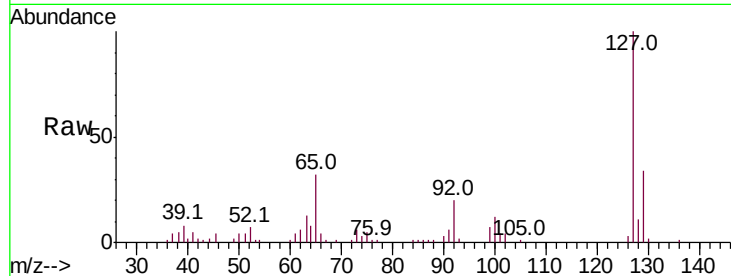
#33
4-Chloroaniline
Concen: 12.510 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampled :
COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	71012		
129	33.9	26.6	39.8	
65	32.4	21.4	32.2	
92	20.4	14.2	21.2	

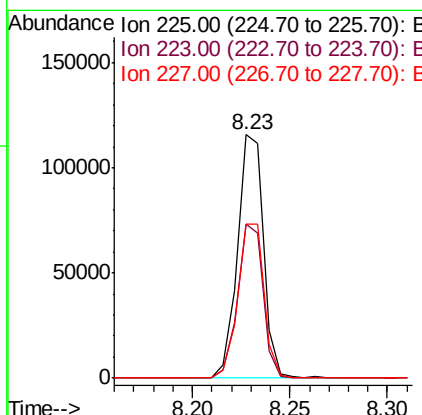
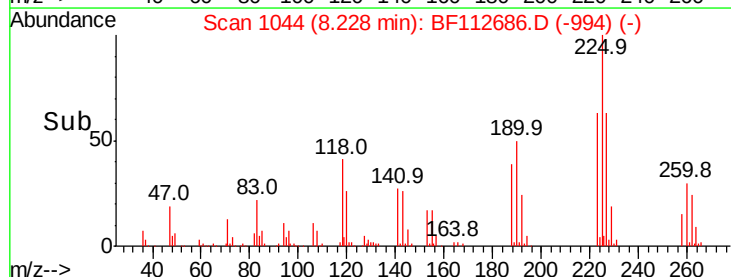
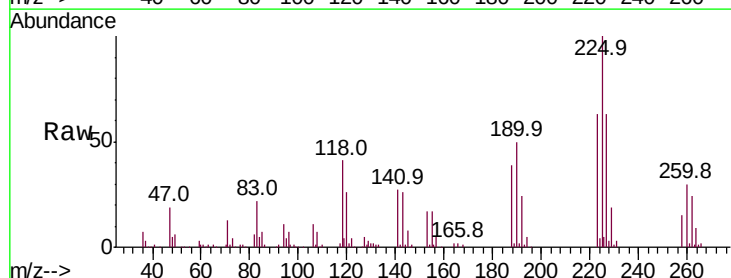
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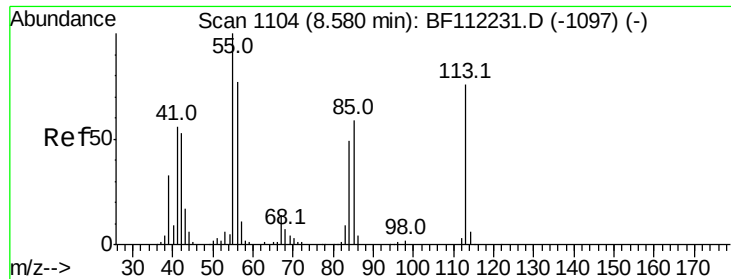
Sohil
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#34
Hexachlorobutadiene
Concen: 39.638 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	106448		
223	63.5	50.3	75.5	
227	63.2	51.8	77.8	





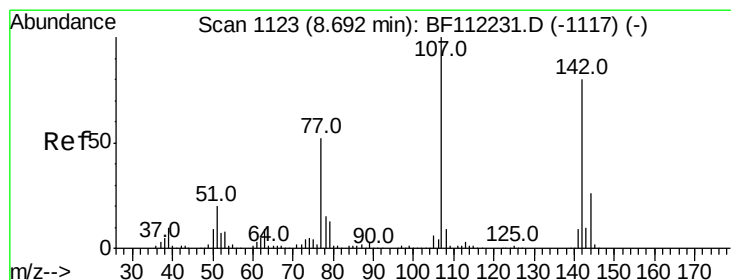
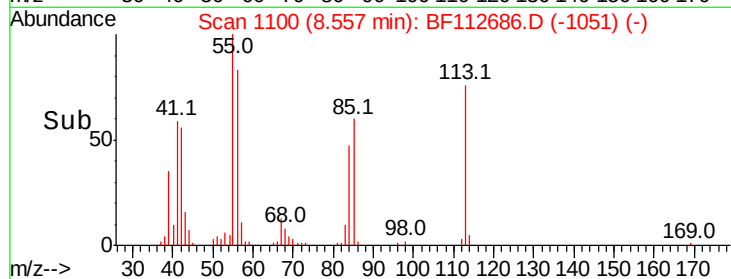
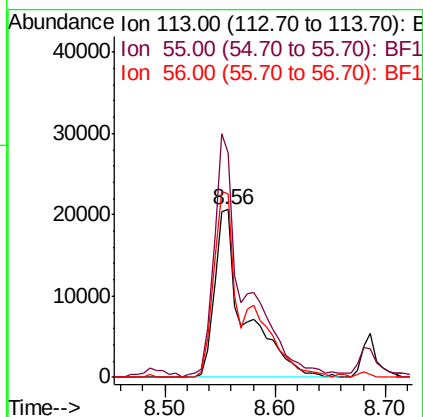
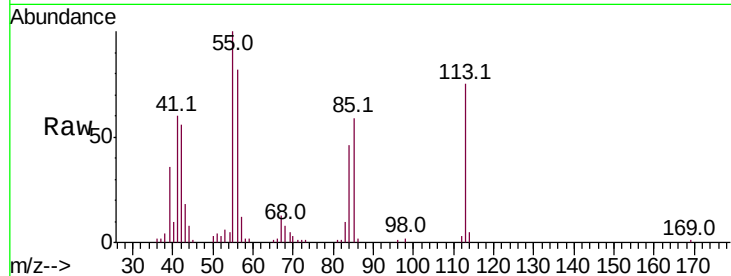
#35
Caprolactam
Concen: 28.069 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion:113 Resp: 39423
Ion Ratio Lower Upper
113 100
55 133.9 121.6 161.6
56 109.4 86.7 126.7

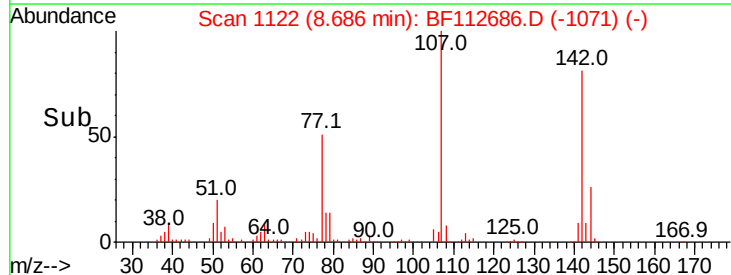
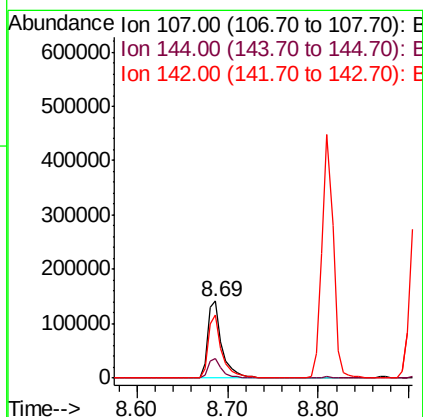
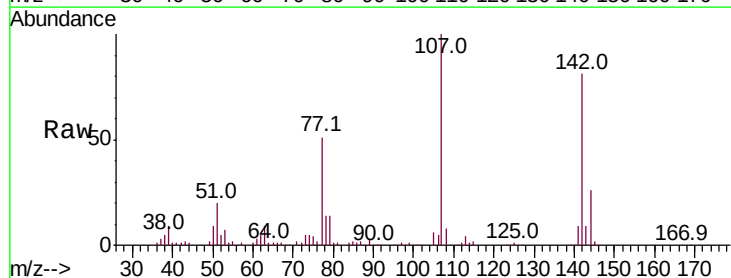
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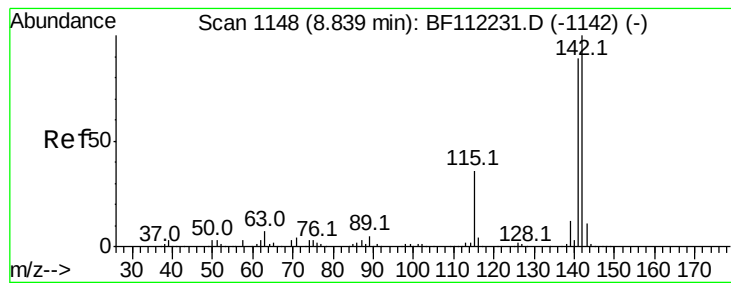
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 37.511 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion:107 Resp: 158097
Ion Ratio Lower Upper
107 100
144 25.7 22.2 33.2
142 81.5 67.7 101.5





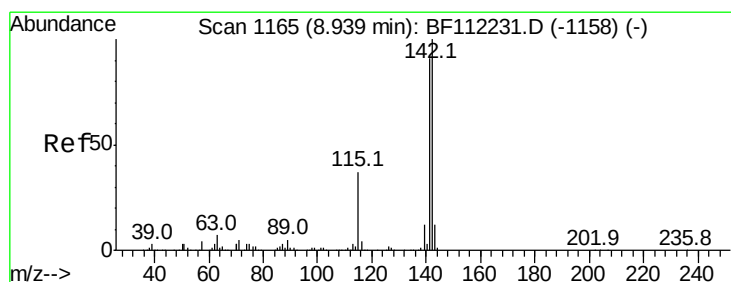
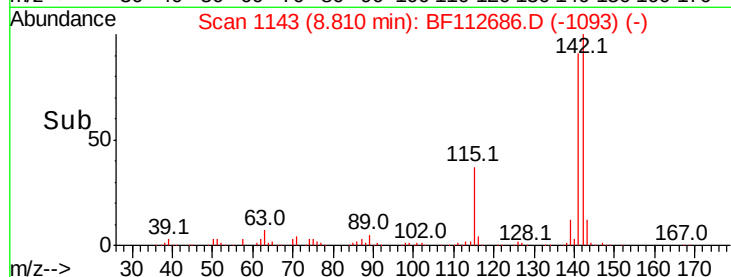
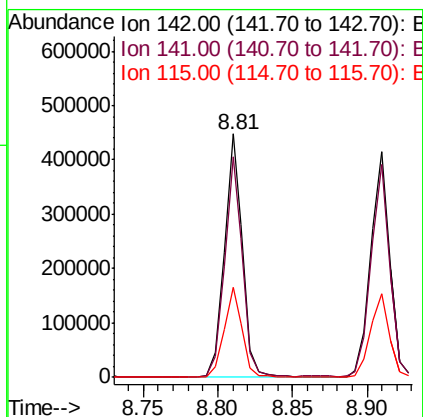
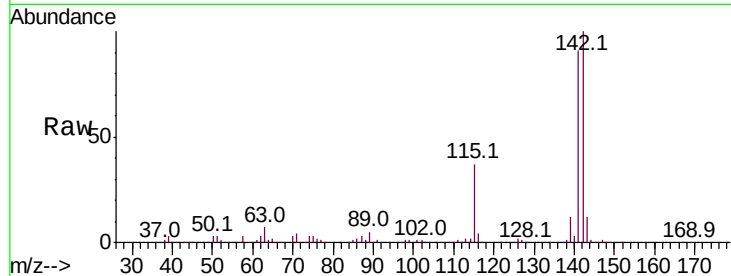
#37
2-Methylnaphthalene
Concen: 43.063 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleID :
COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	384321		
141	90.6	70.9	106.3	
115	36.9	24.9	37.3	

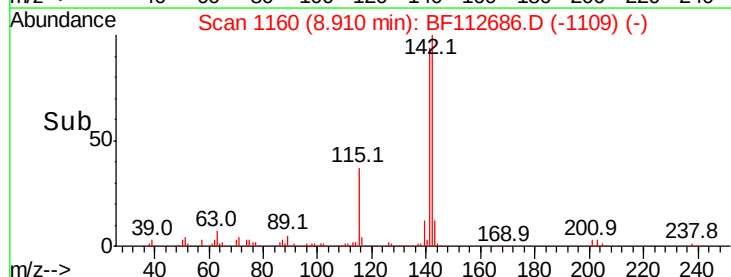
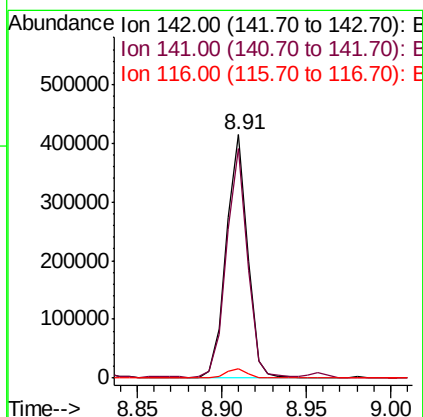
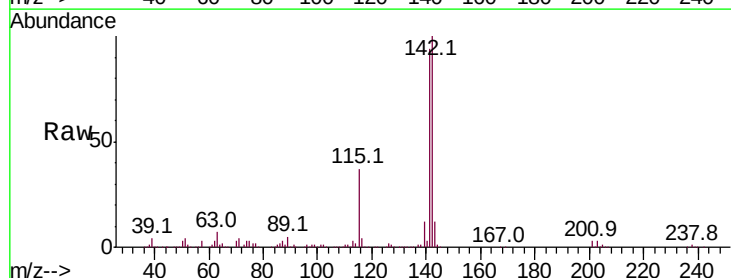
Manual Integrations
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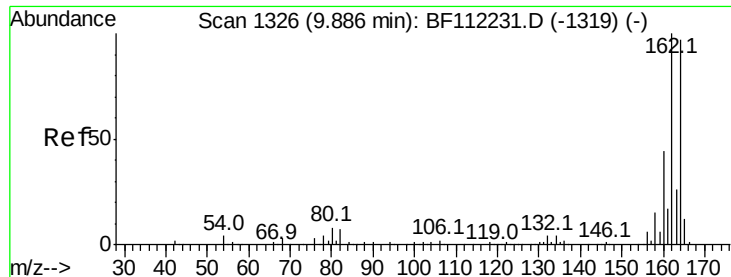
Sohil
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#38
1-Methylnaphthalene
Concen: 42.190 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	360893		
141	94.4	72.6	108.8	
116	4.0	2.8	4.2	





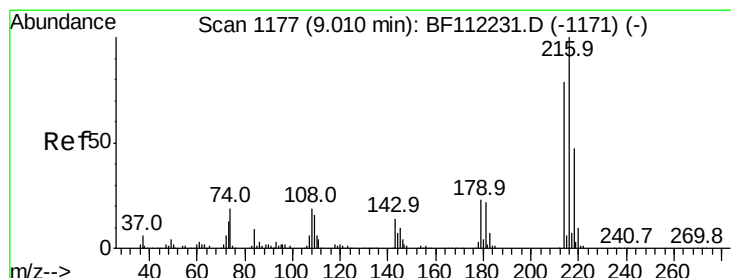
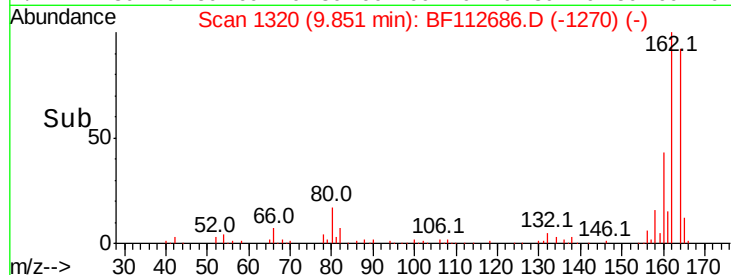
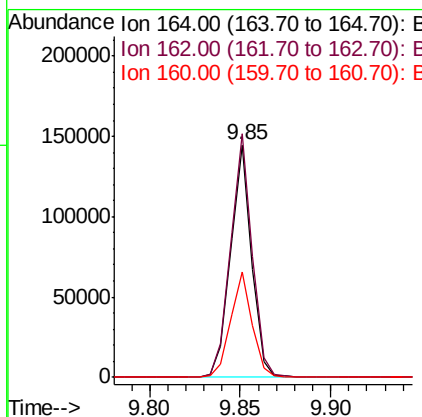
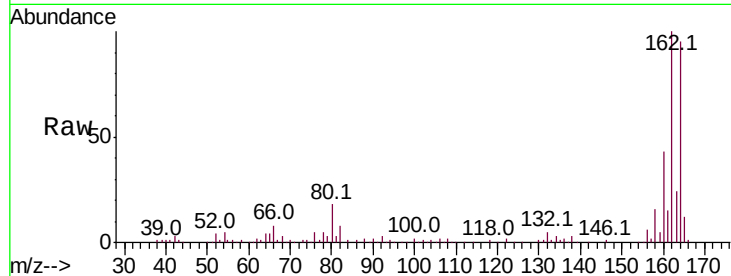
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.2	123.4
160	45.5	36.2	54.4

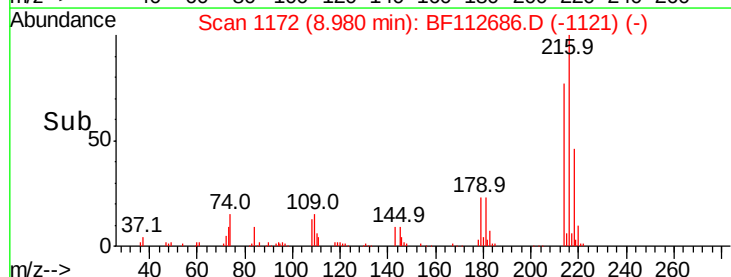
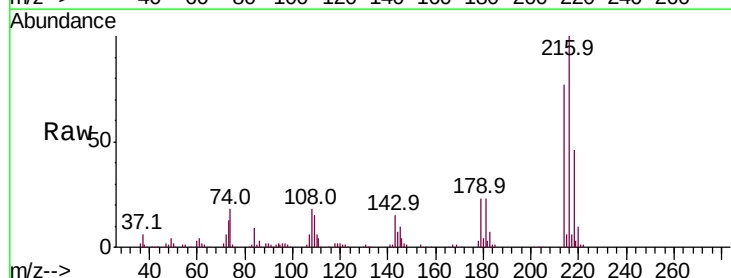
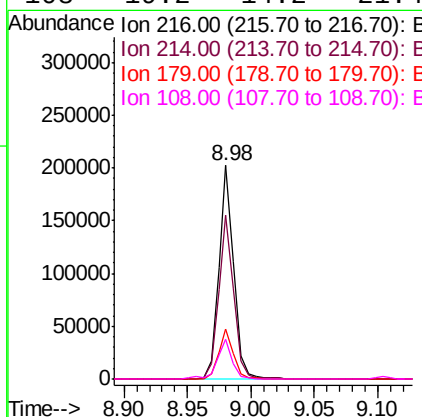
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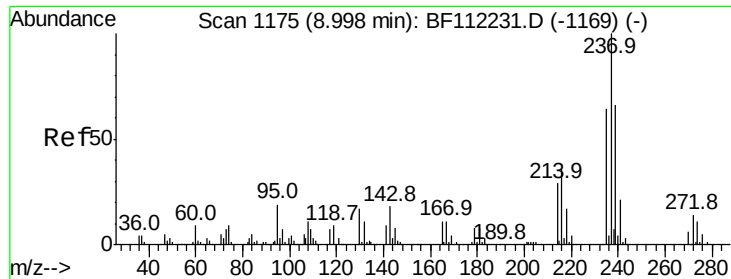
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.465 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.8	95.6
179	23.0	16.9	25.3
108	19.2	14.2	21.4





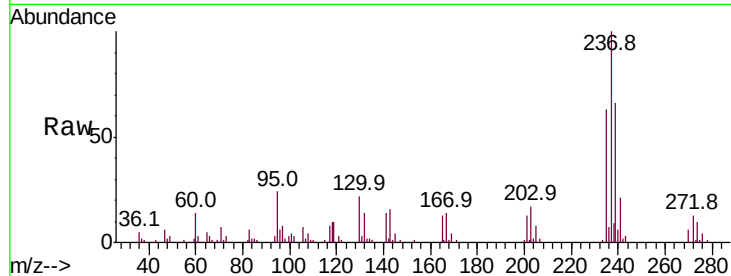
#41
Hexachlorocyclopentadiene
Concen: 39.588 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

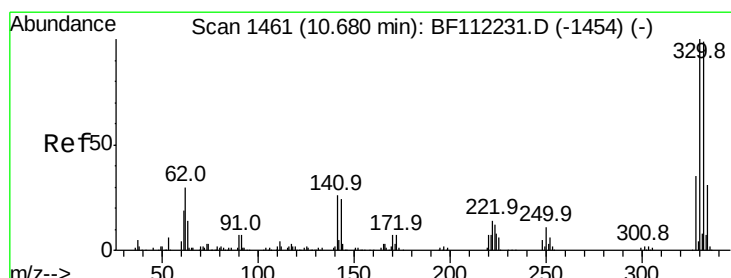
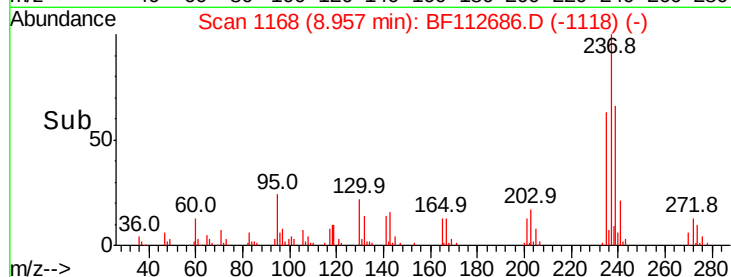
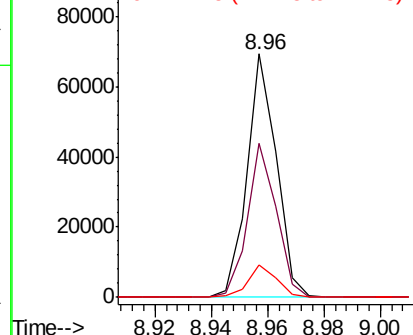
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	44.0	84.0
272	13.3	0.0	33.3

Manual Integrations
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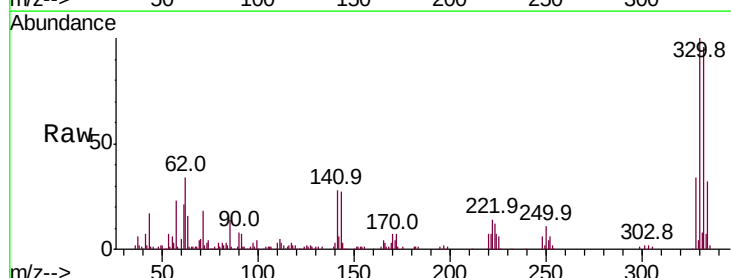


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

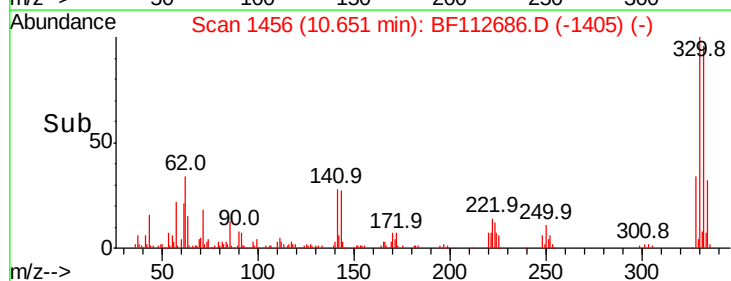
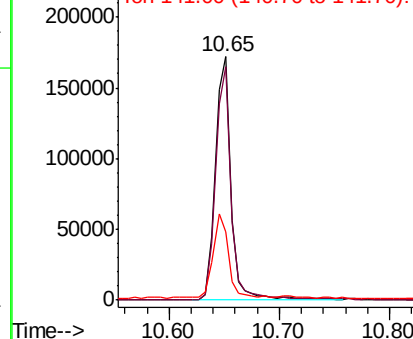


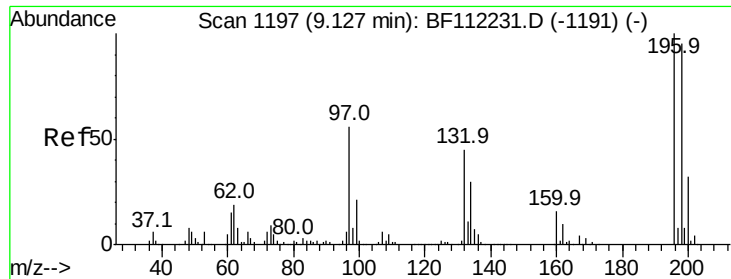
#42
2,4,6-Tribromophenol
Concen: 121.909 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.3	76.6	114.8
141	32.8	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





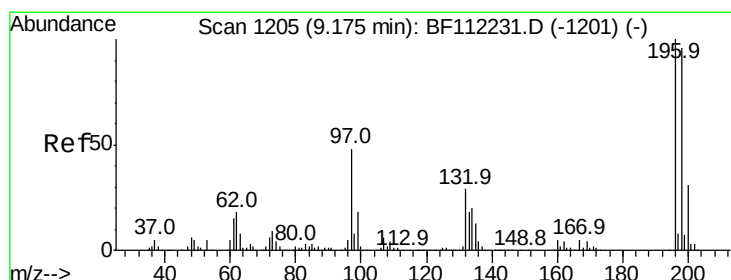
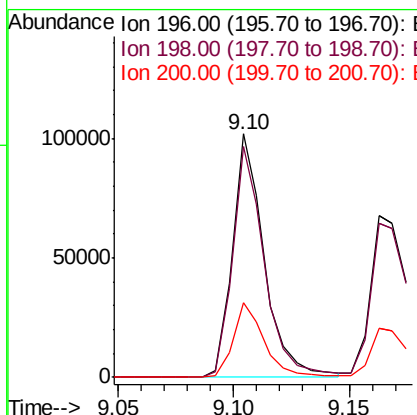
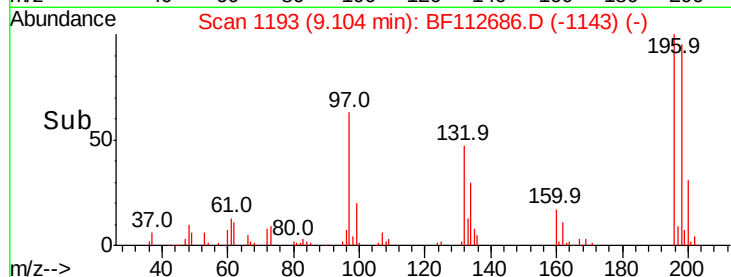
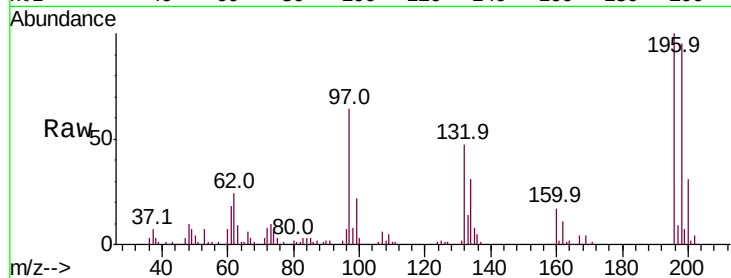
#43
 2,4,6-Trichlorophenol
 Concen: 40.997 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Instrument :
 BNA_F
 ClientSampled :
 COMPMS

Tot Ion:	196	Resp:	97358
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.2	114.4
200	30.9	24.3	36.5

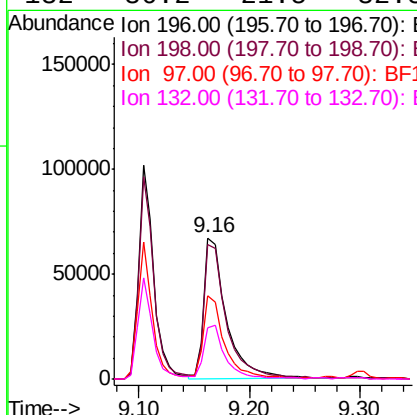
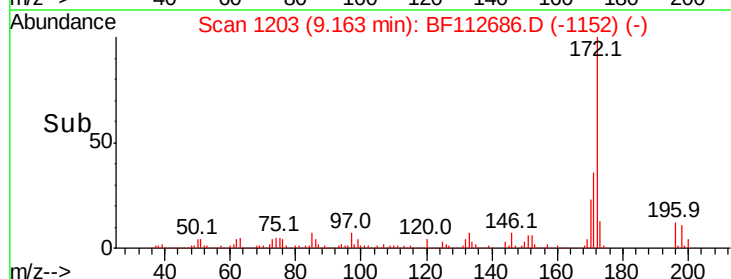
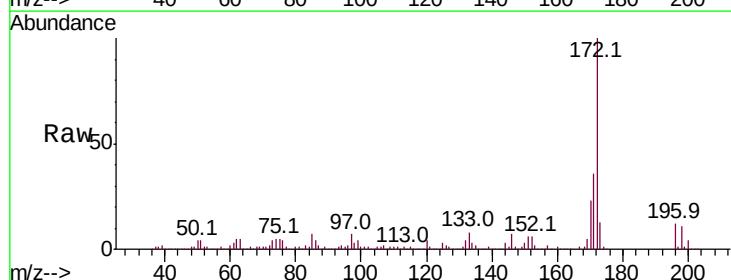
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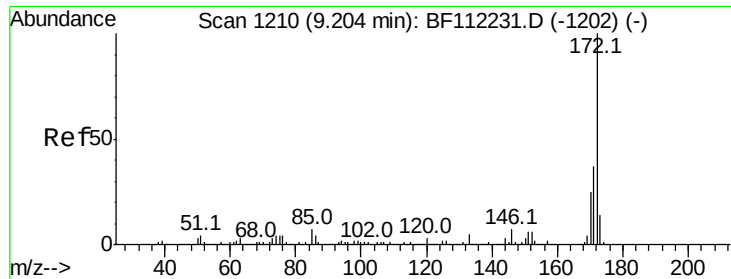
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 37.078 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Tgt Ion:	196	Resp:	92026
Ion Ratio	Lower	Upper	
196	100		
198	95.2	76.0	114.0
97	58.6	36.4	54.6#
132	36.2	21.5	32.3#





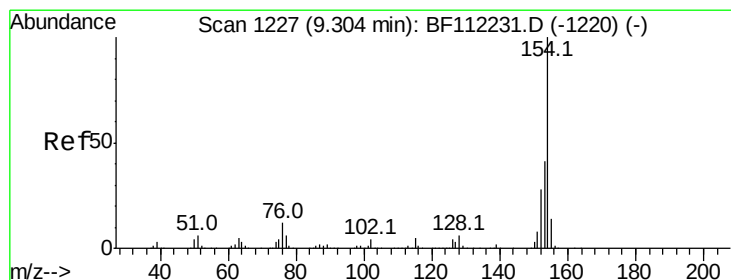
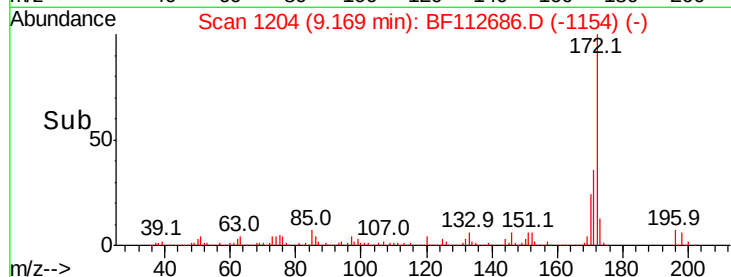
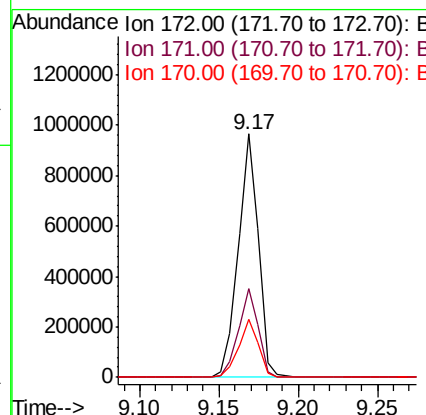
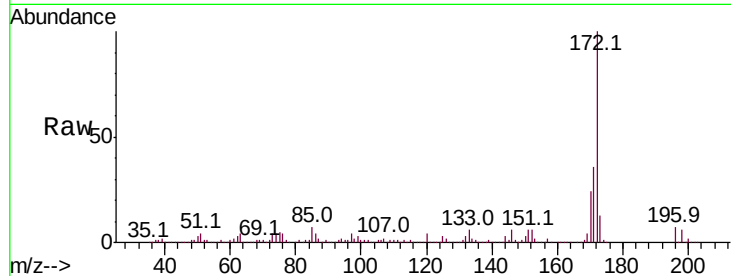
#45
2-Fluorobiphenyl
Concen: 102.555 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	850812		
171	36.2		30.5	45.7
170	23.8		20.2	30.4

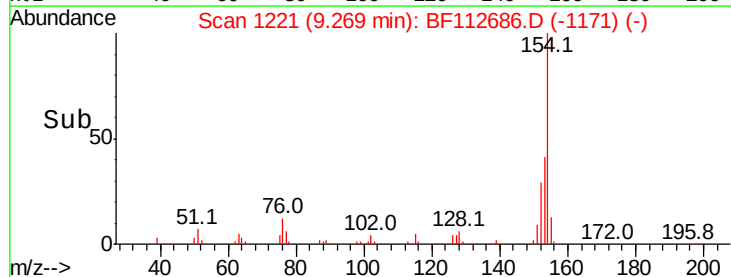
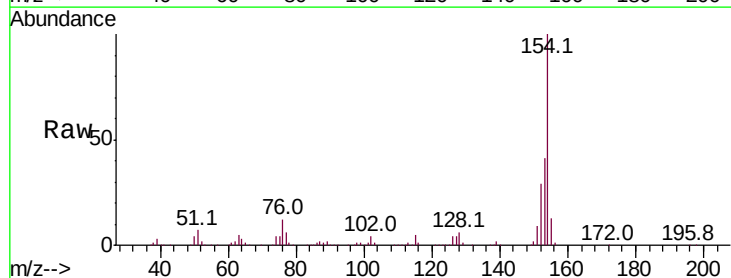
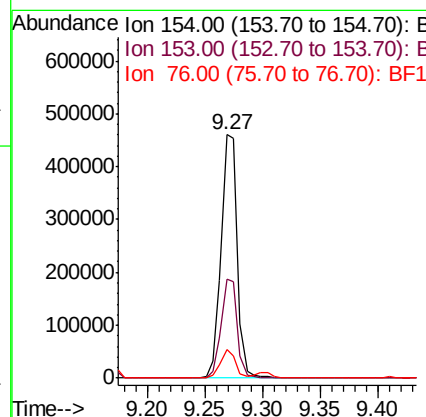
Manual Integrations
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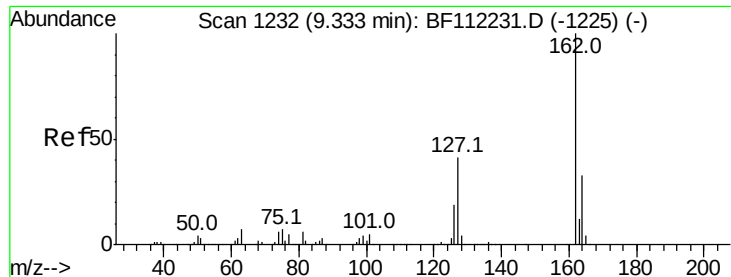
Sohil
2/26/2019 2:38:59 PM



#46
1,1'-Biphenyl
Concen: 43.567 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	446909		
153	40.8		21.5	61.5
76	11.6		0.0	33.1





#47

2-Chloronaphthalene

Concen: 41.780 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

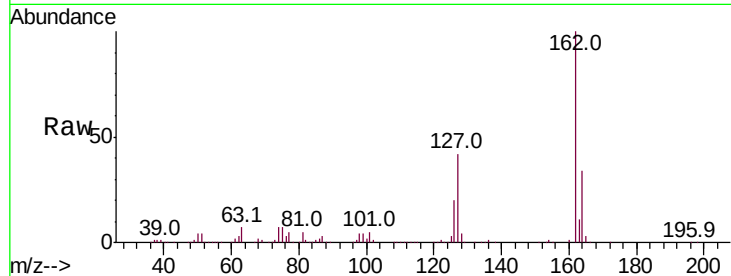
ClientSampleId :

COMPMS

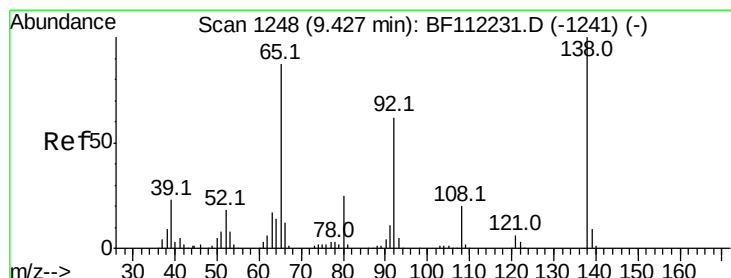
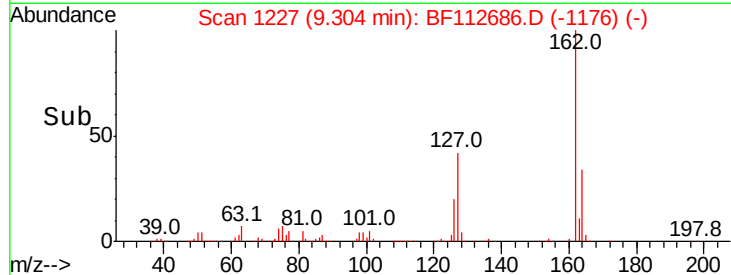
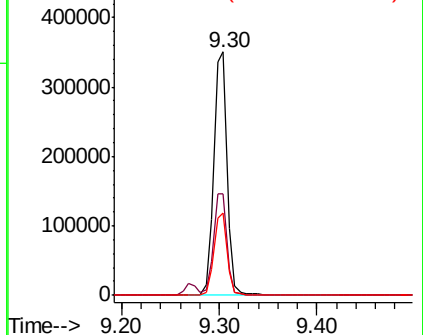
Tot Ion:	162	Resp:	332346
Ion Ratio	Lower	Upper	
162	100		
127	41.6	30.4	45.6
164	33.6	27.4	41.2

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



#48

2-Nitroaniline

Concen: 42.298 ng

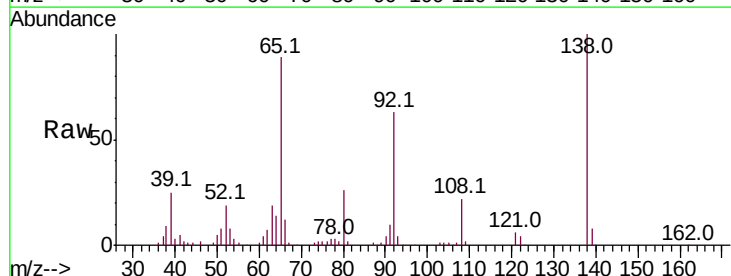
RT: 9.41 min Scan# 1245

Delta R.T. -0.01 min

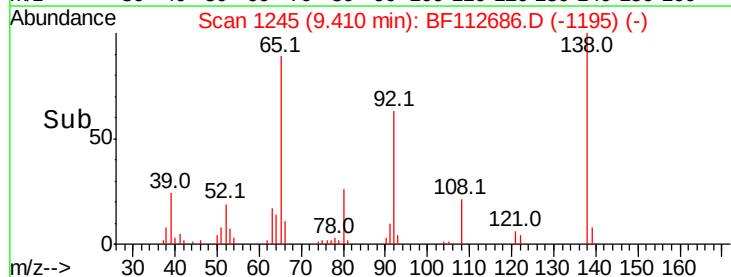
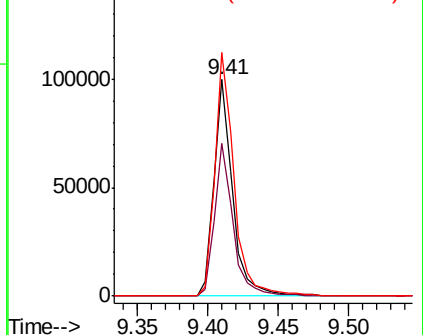
Lab File: BF112686.D

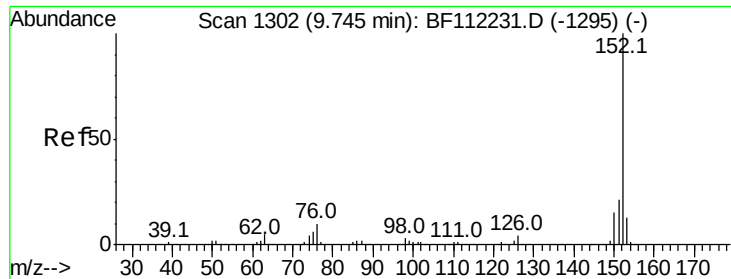
Acq: 25 Feb 2019 12:26

Tgt Ion:	65	Resp:	91707
Ion Ratio	Lower	Upper	
65	100		
92	70.4	60.4	90.6
138	112.6	104.4	156.6



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





#49

Acenaphthylene

Concen: 45.598 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

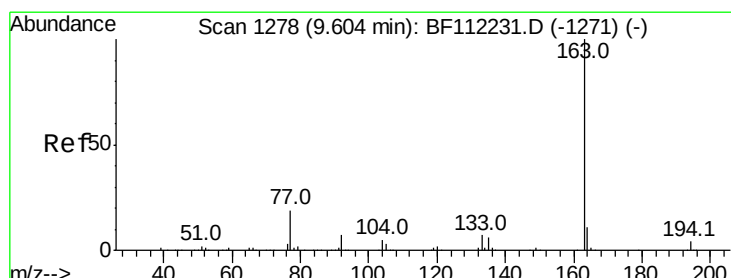
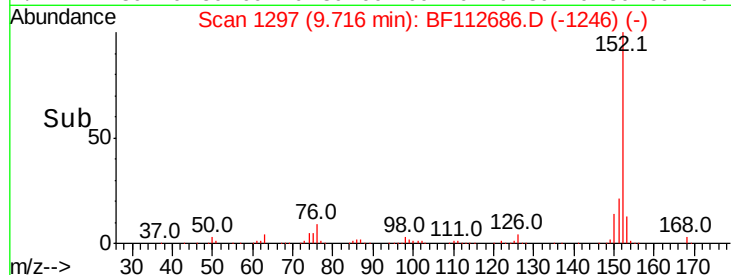
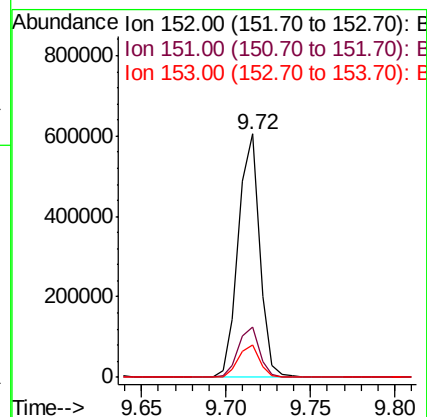
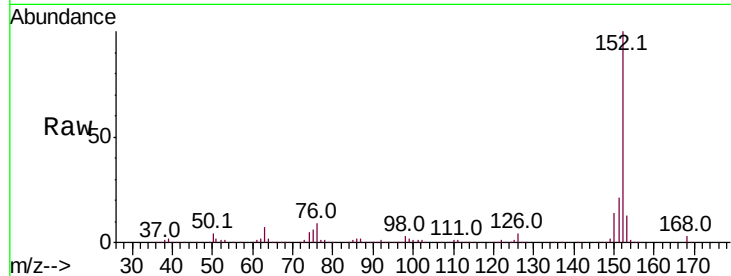
ClientSampleId :

COMPMS

Tot Ion:	152	Resp:	531643
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.0	25.6
153	13.2	11.2	16.8

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#50

Dimethylphthalate

Concen: 45.399 ng

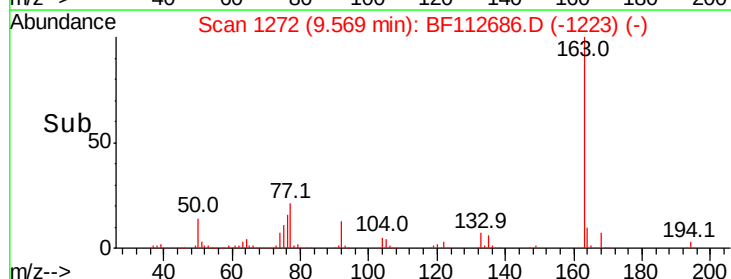
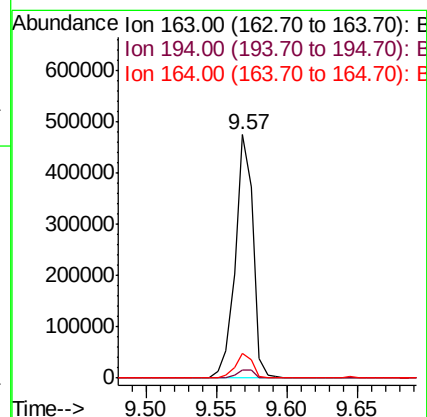
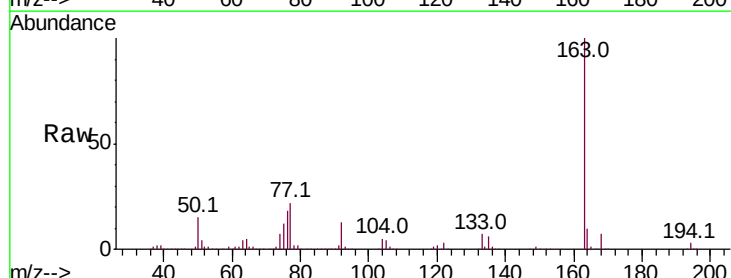
RT: 9.57 min Scan# 1272

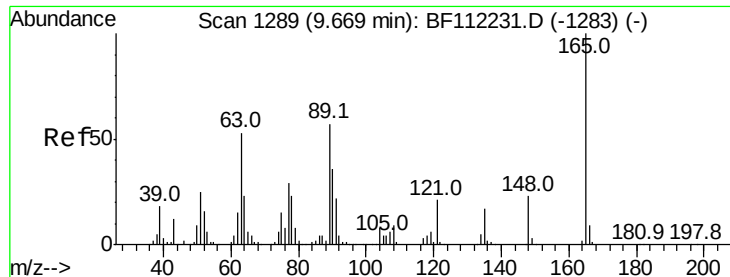
Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Tgt Ion:	163	Resp:	413875
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.3	4.9
164	10.3	8.5	12.7





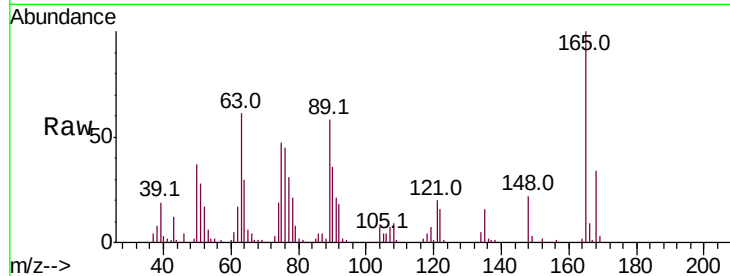
#51
2,6-Dinitrotoluene
Concen: 39.194 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampled :
COMPMS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	60.8	33.8	50.8#
89	57.7	36.9	55.3#

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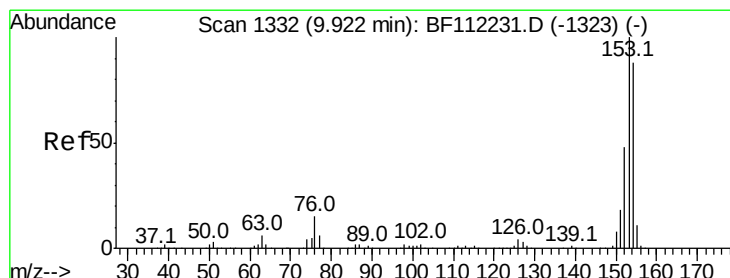
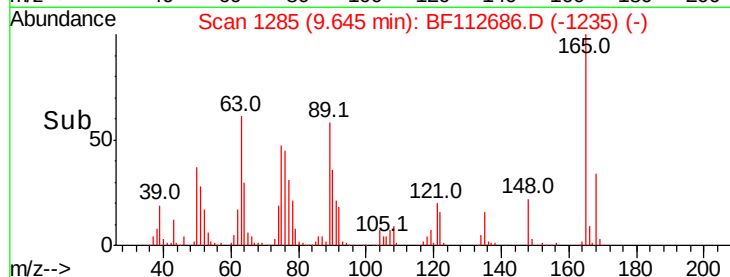
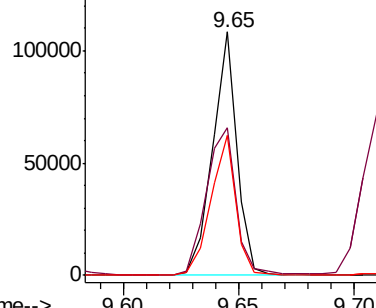


Abundance

Ion 165.00 (164.70 to 165.70): E

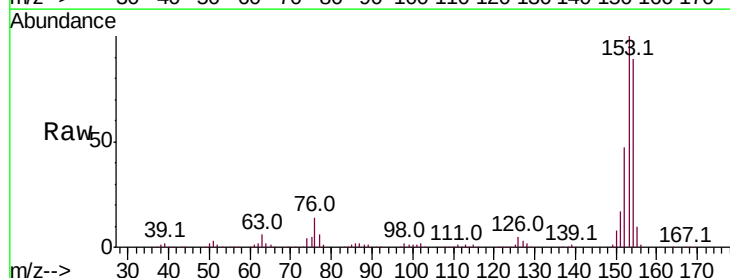
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 43.863 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.9	89.8	134.6
152	52.6	43.5	65.3

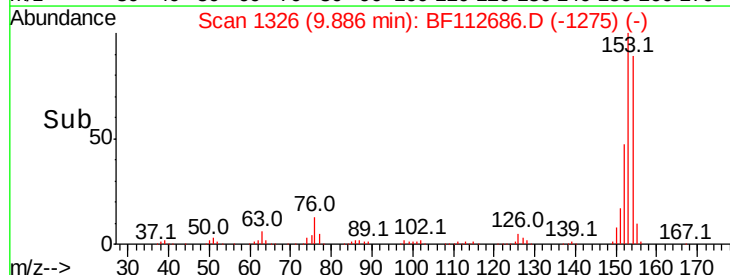
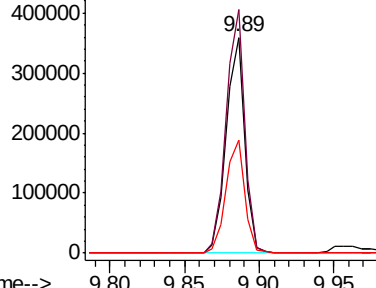


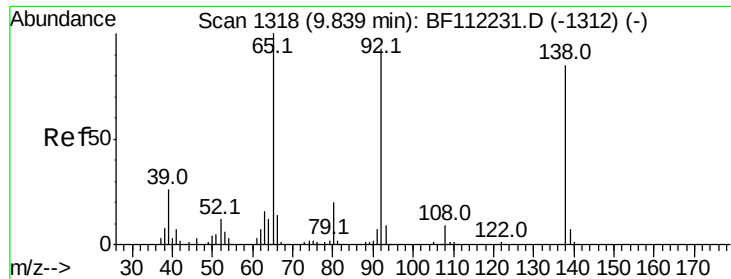
Abundance

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: 26.042 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

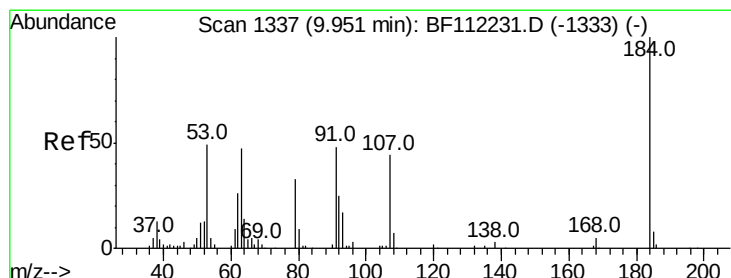
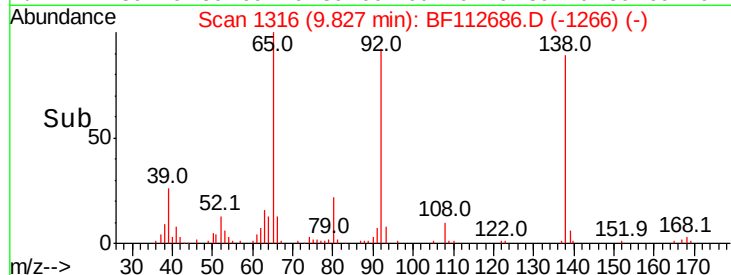
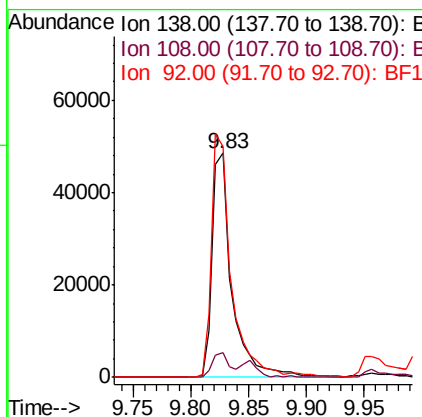
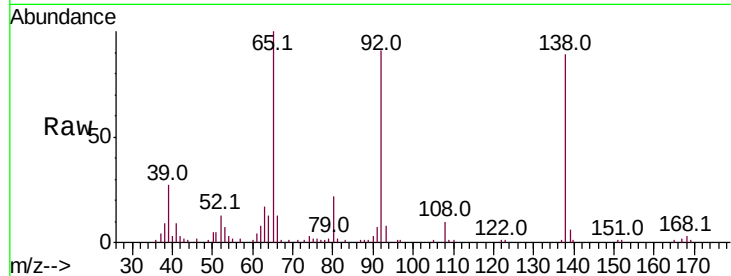
ClientSampleId :

COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.8	14.6
92	102.8	79.4	119.2

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#54

2,4-Dinitrophenol

Concen: 50.990 ng

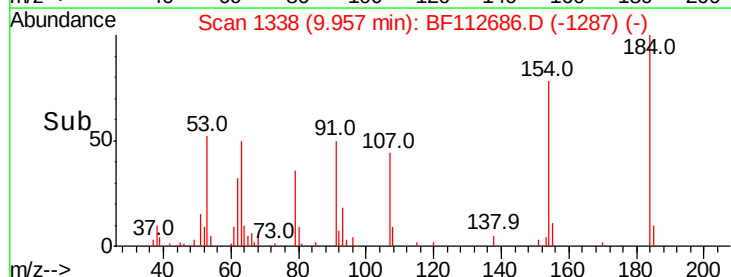
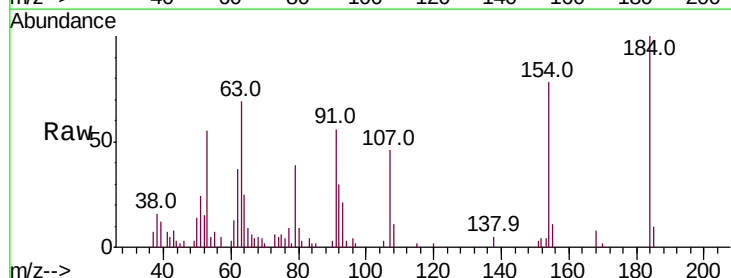
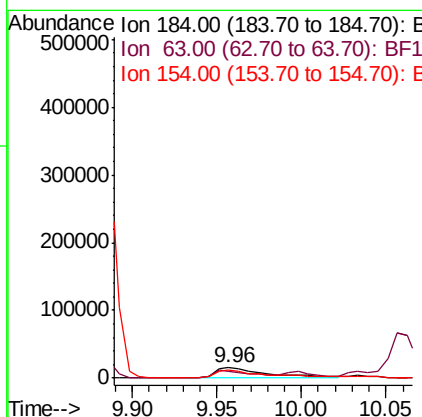
RT: 9.96 min Scan# 1338

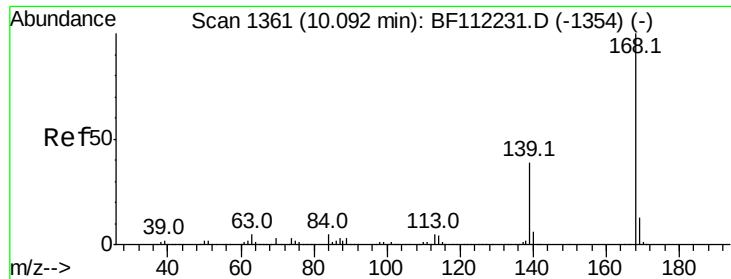
Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.7	47.1	70.7
154	78.2	48.9	73.3#





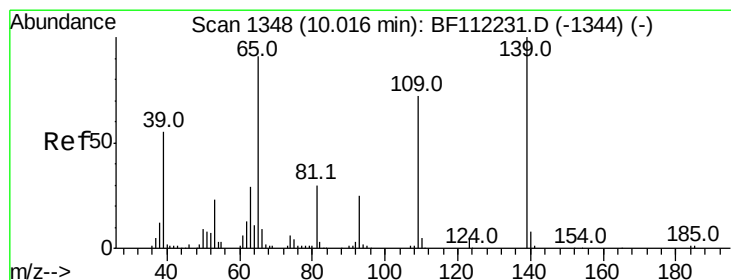
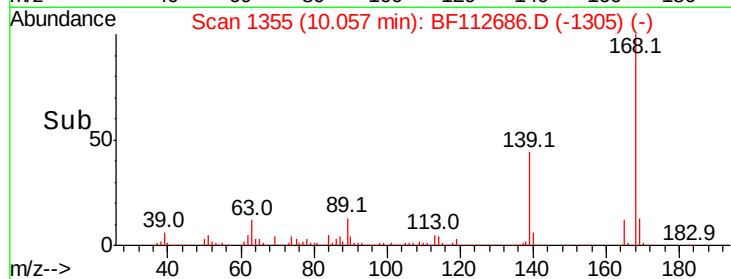
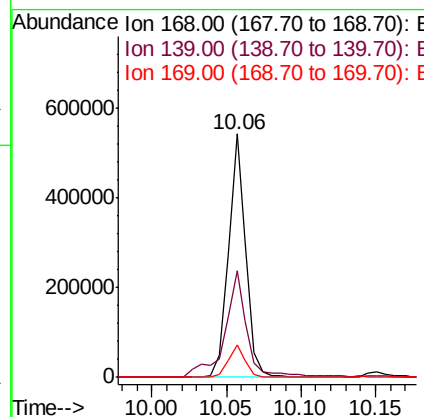
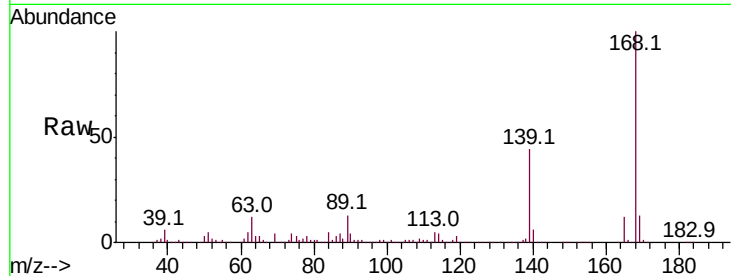
#55
Dibenzenofuran
Concen: 41.770 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.8	29.2	43.8#
169	13.4	11.4	17.0

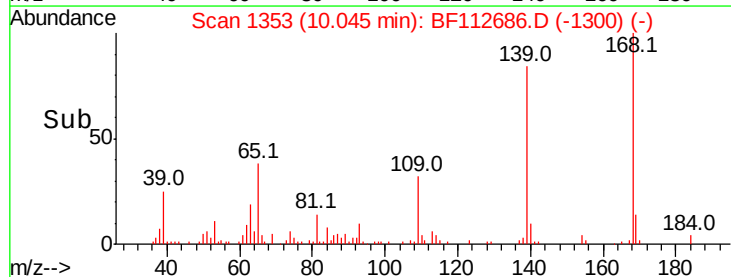
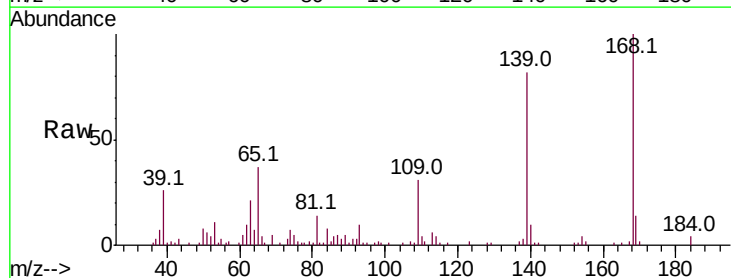
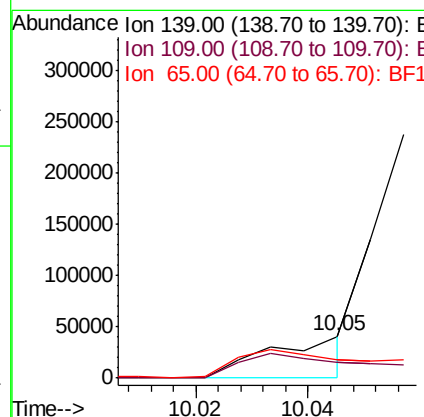
Manual Integrations
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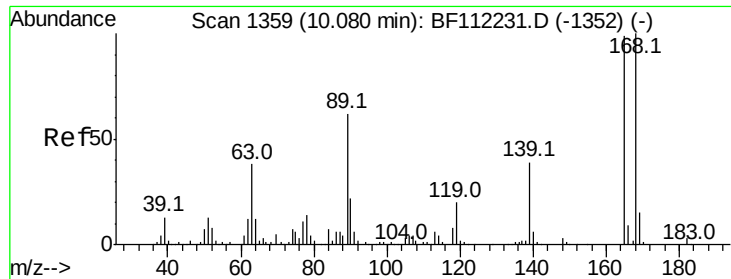
Sohil
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#56
4-Nitrophenol
Concen: 34.687 ng m
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	38.3	42.8	82.8#
65	45.0	66.1	106.1#





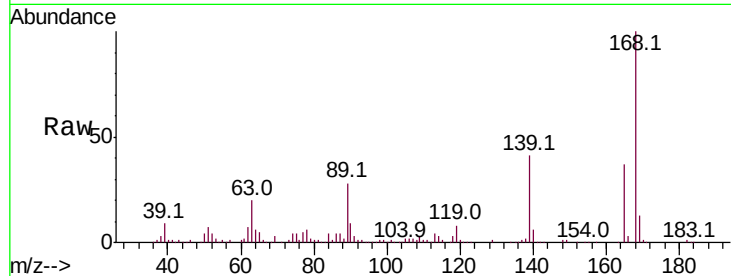
#57
2,4-Dinitrotoluene
Concen: 39.693 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.4	27.9	41.9#
89	73.8	47.9	71.9#
182	2.3	2.2	3.4

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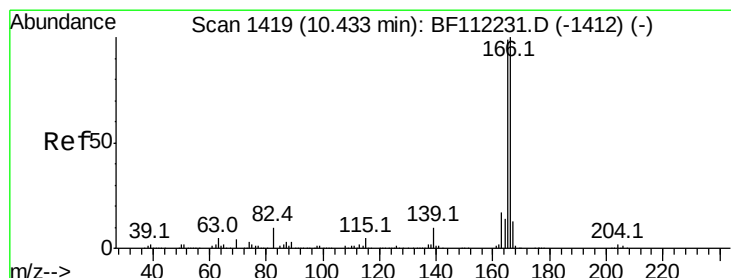
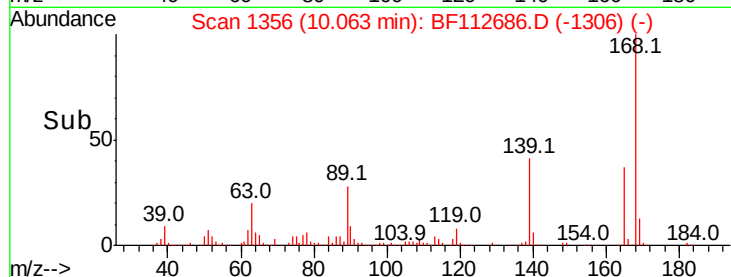
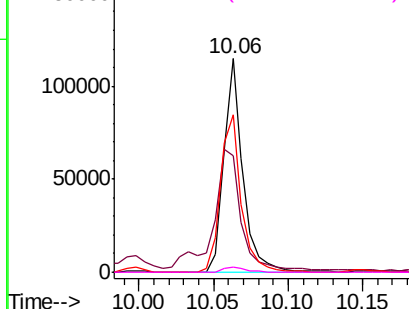
Abundance

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: 44.101 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

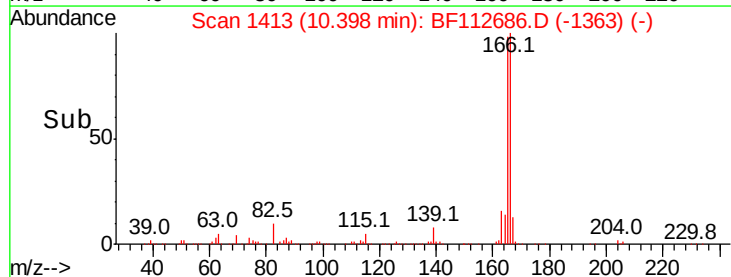
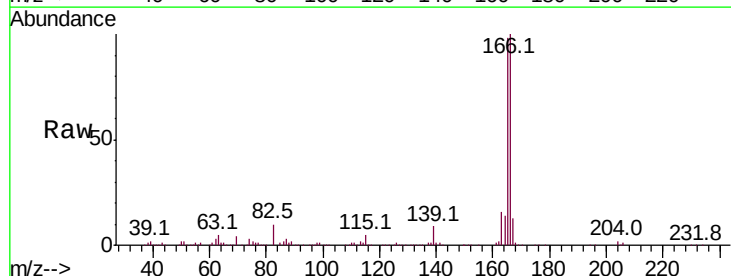
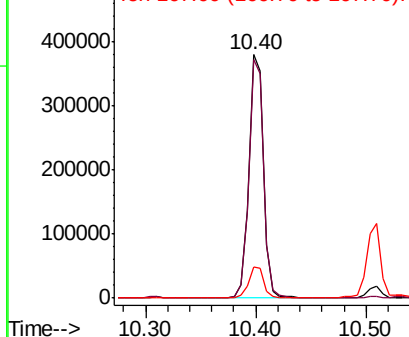
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.1	77.1	115.7
167	12.8	11.3	16.9

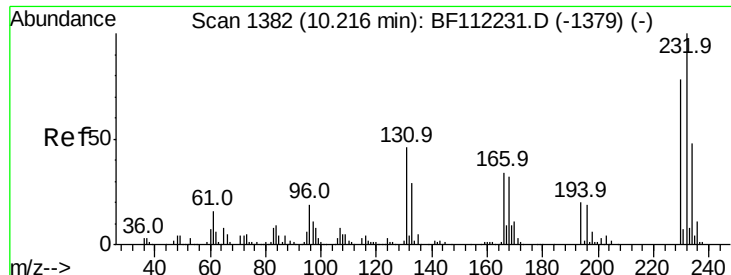
Abundance

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





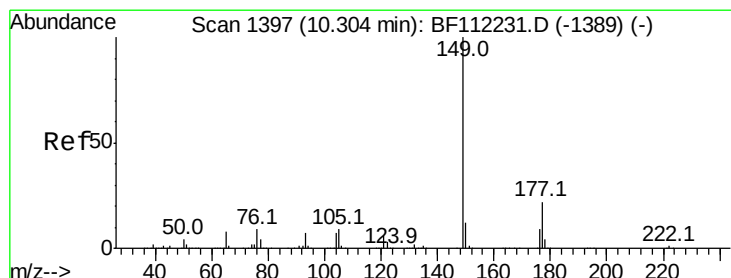
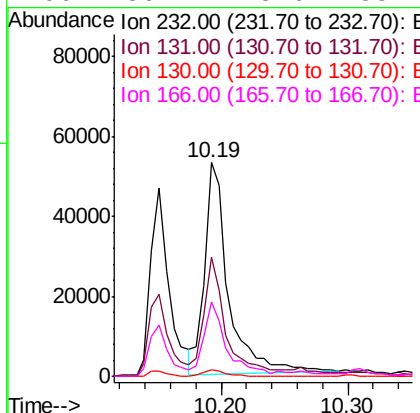
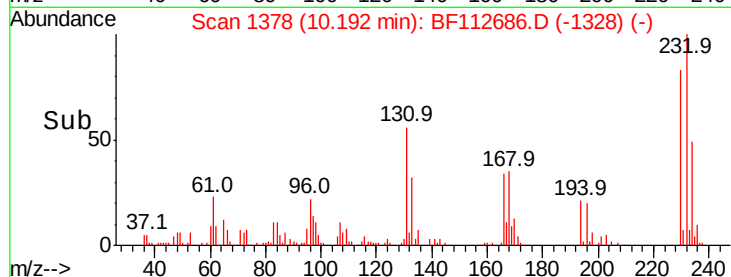
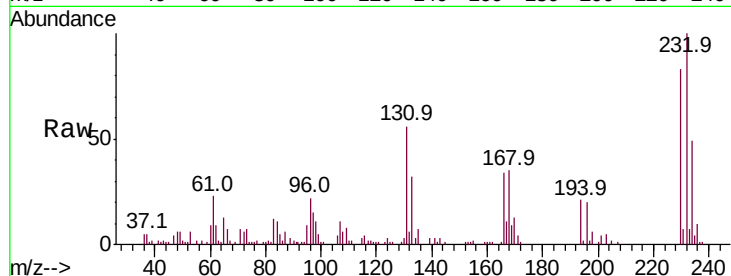
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.961 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :
 COMPMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.5	33.9	50.9
130	2.8	1.8	2.6
166	30.1	23.6	35.4

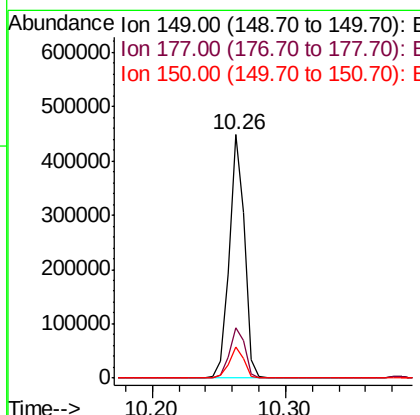
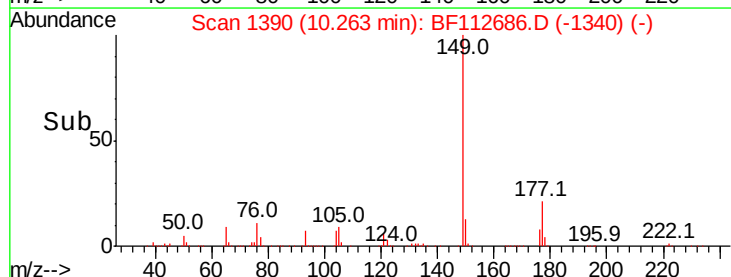
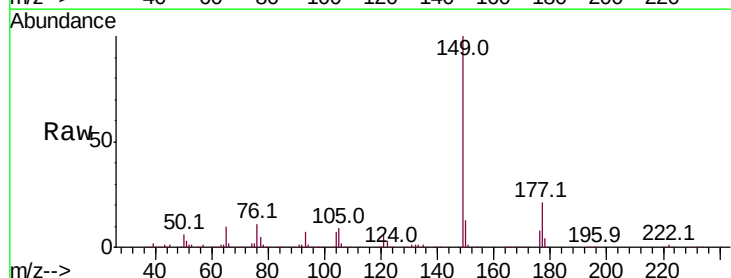
Manual Integrations
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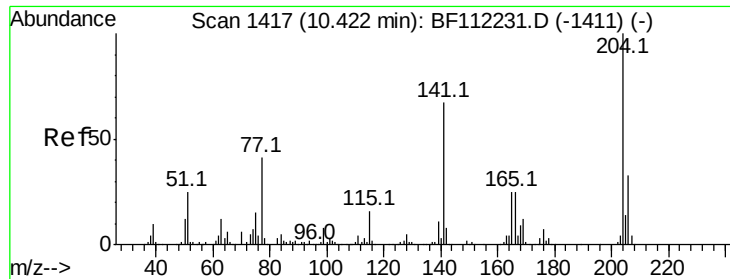
Sohil
 2/26/2019 2:38:59 PM



#60
 Diethylphthalate
 Concen: 39.945 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	18.2	27.2
150	13.0	10.4	15.6





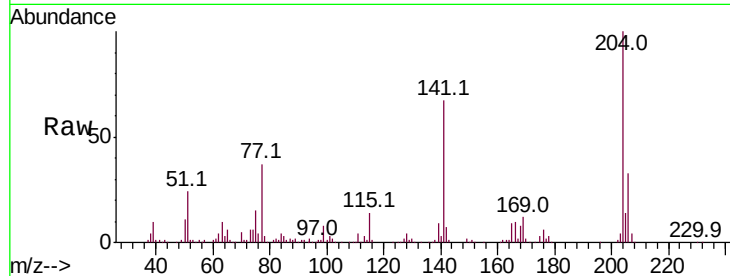
#61
4-Chlorophenyl-phenylether
Concen: 37.804 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampled :
COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	66.8	45.9	68.9

Manual Integrations
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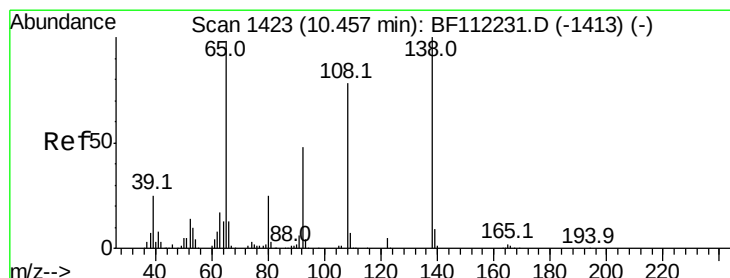
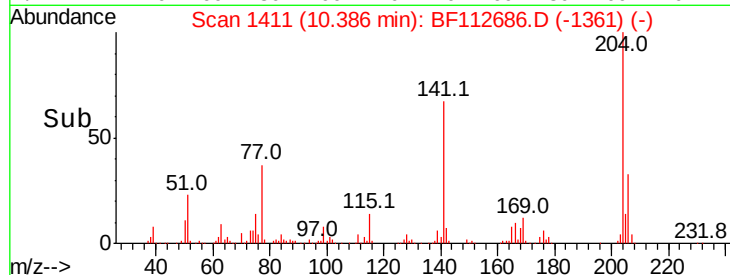
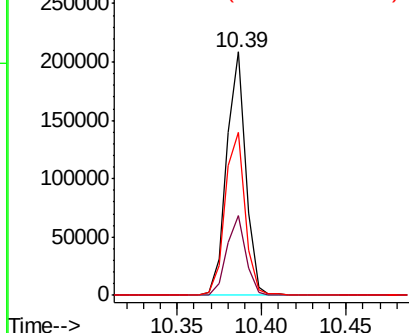


Abundance

Ion 204.00 (203.70 to 204.70): E

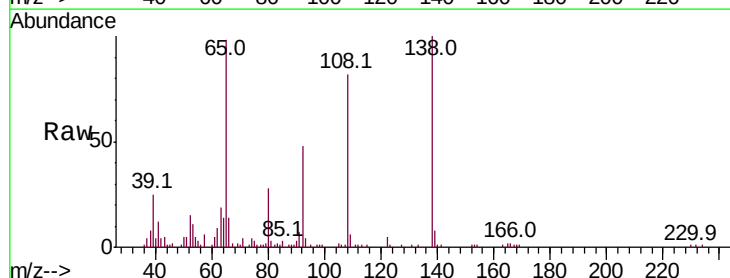
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 30.018 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	30.6	70.6
108	81.8	50.0	90.0

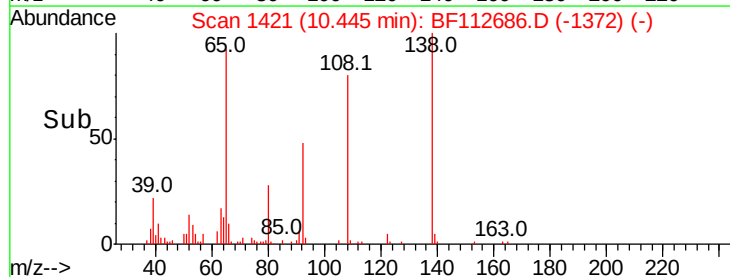
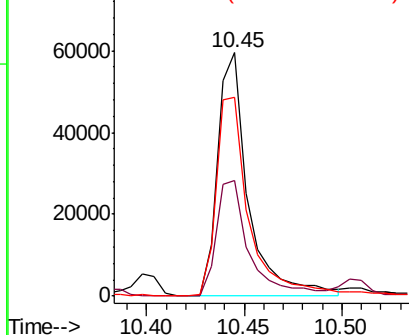


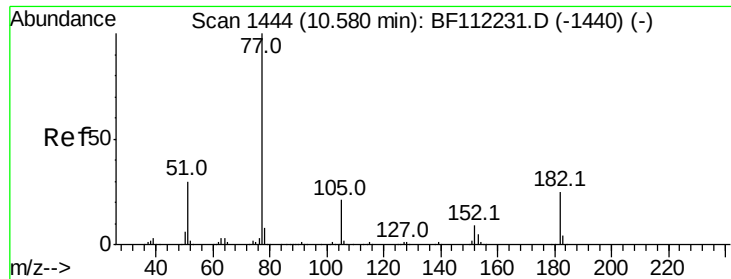
Abundance

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





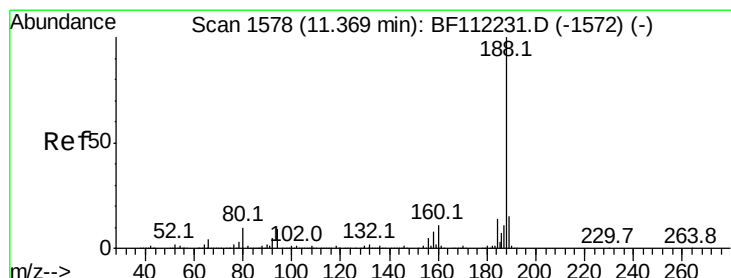
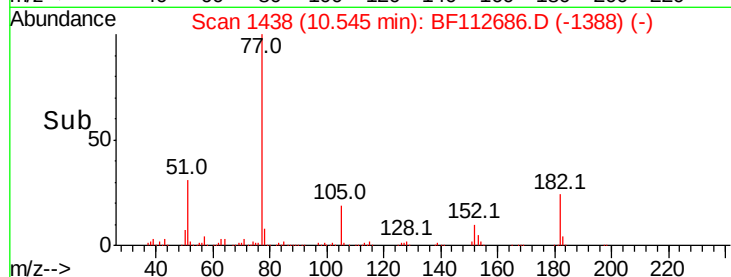
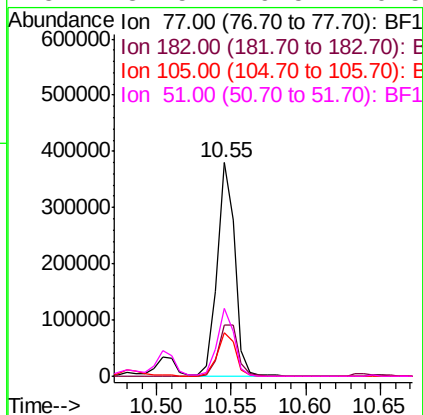
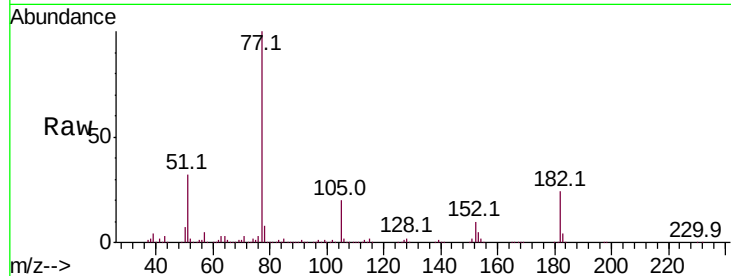
#63
Azobenzene
Concen: 39.354 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampled :
COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.0	5.7	45.7	
105	20.3	1.4	41.4	
51	31.5	9.5	49.5	

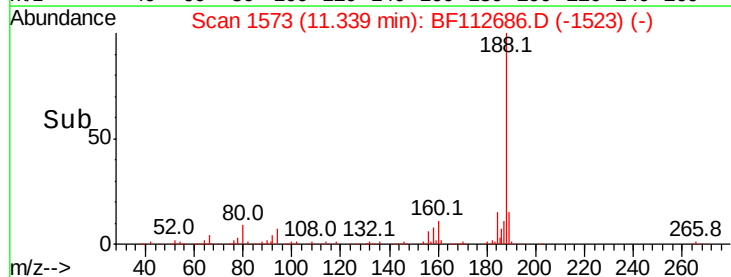
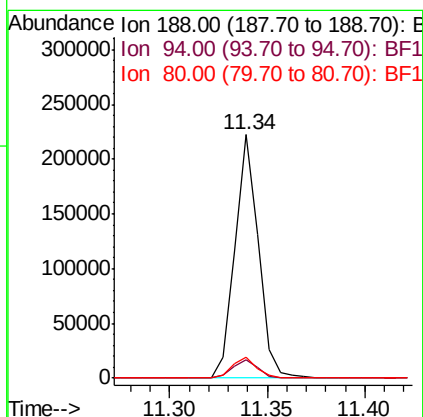
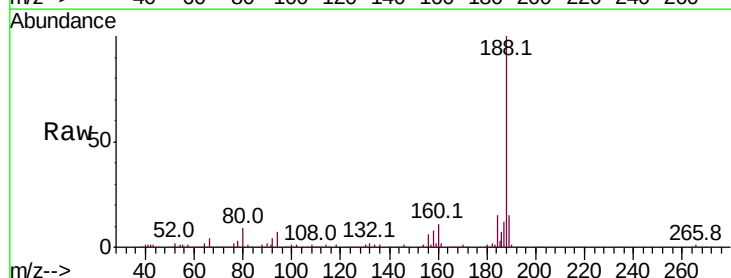
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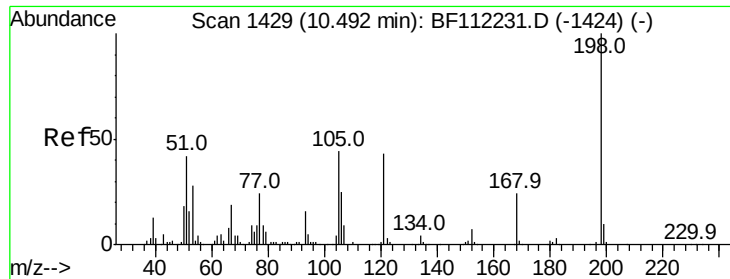
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.5	8.2	12.2#	
80	8.6	8.9	13.3#	





#65

4,6-Dinitro-2-methylphenol

Concen: 30.113 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

Tot Ion:198 Resp: 31348

Ion Ratio Lower Upper

198 100

51 49.5 17.2 57.2

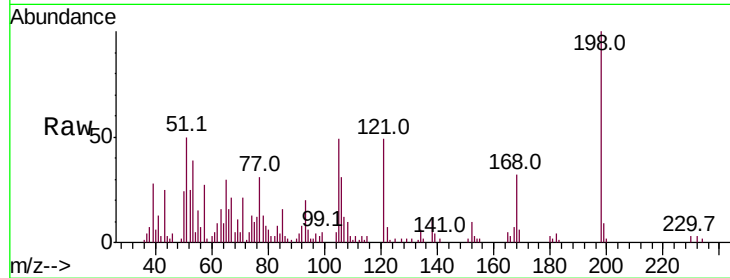
105 49.4 21.9 61.9

Manual Integrations

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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

150000

100000

50000

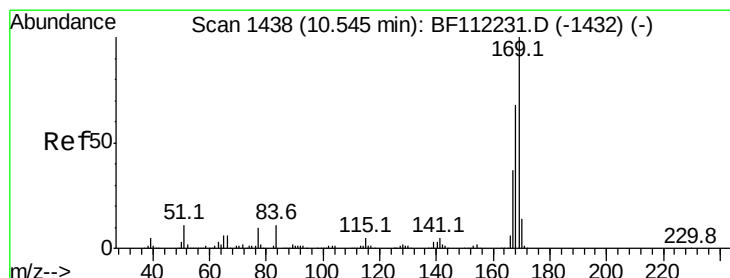
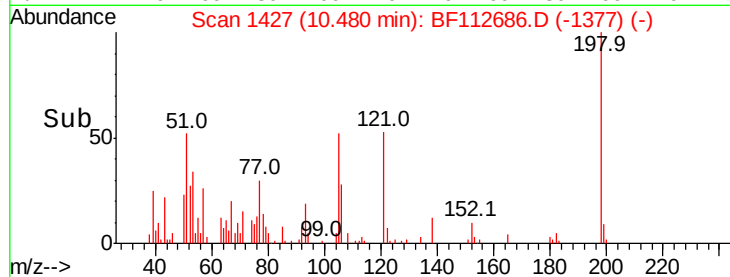
0

10.48

10.50

10.60

Time-->



#66

n-Nitrosodiphenylamine

Concen: 45.343 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

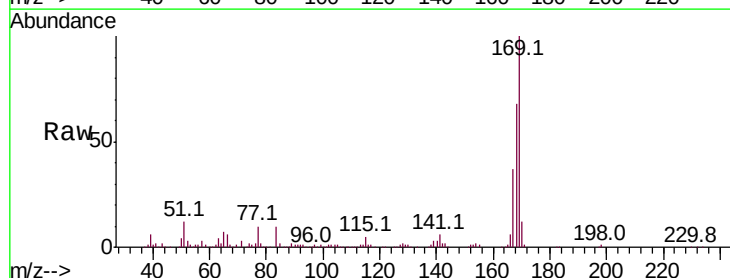
Tgt Ion:169 Resp: 283749

Ion Ratio Lower Upper

169 100

168 68.3 53.9 80.9

167 36.7 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

400000

300000

200000

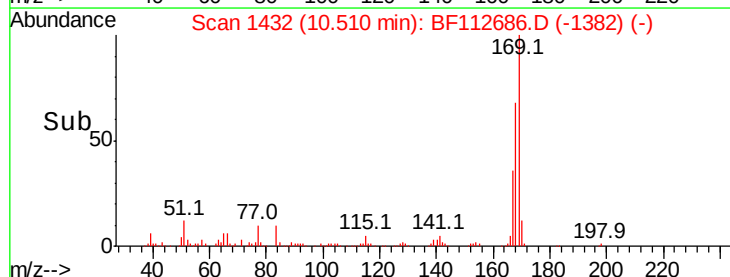
100000

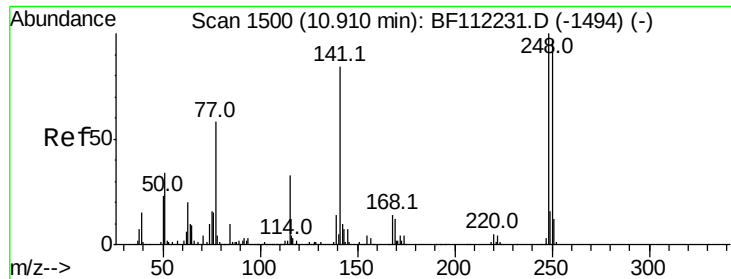
0

10.51

10.50

Time-->





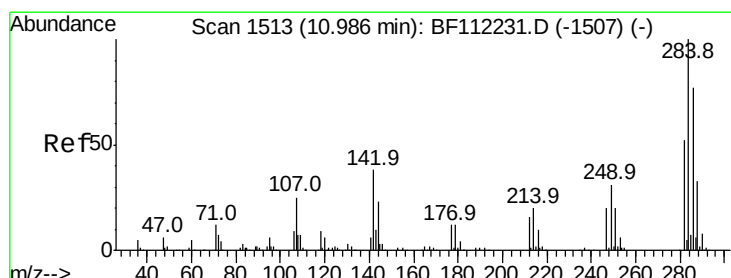
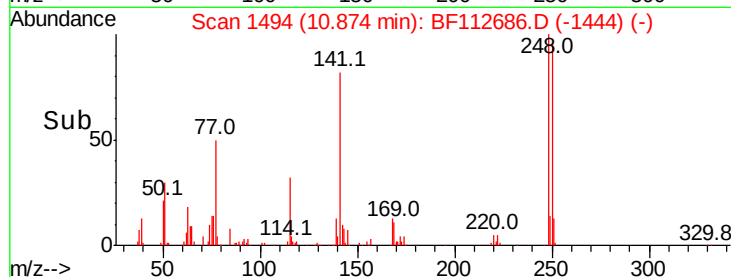
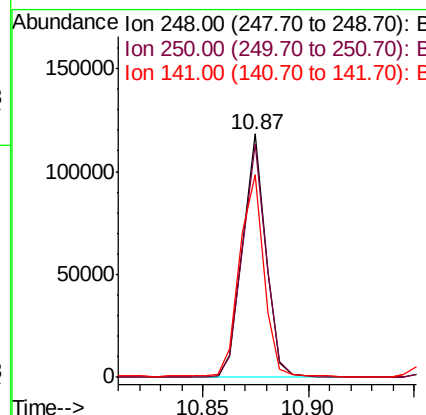
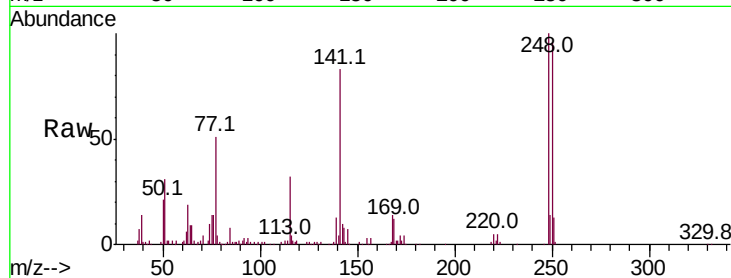
#67
4-Bromophenyl-phenylether
Concen: 41.203 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.7	119.5
141	83.4	60.3	90.5

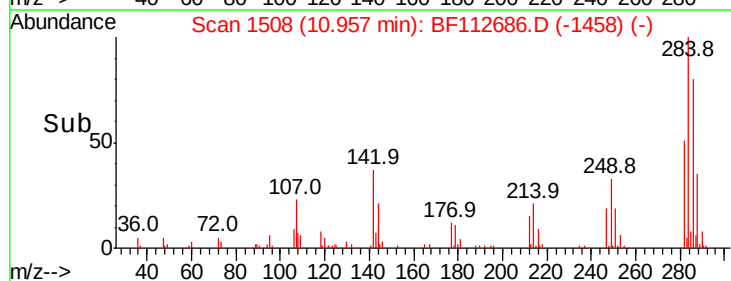
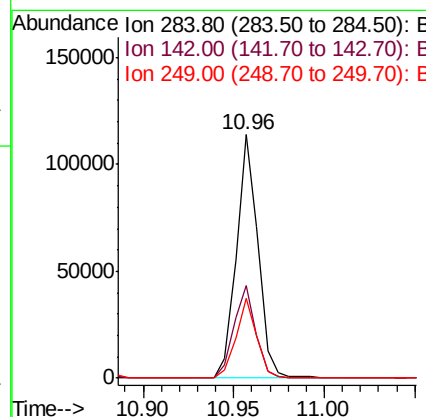
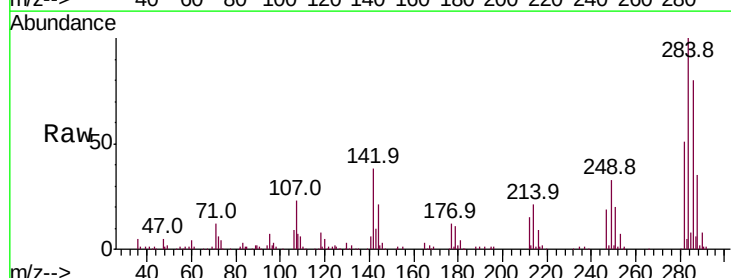
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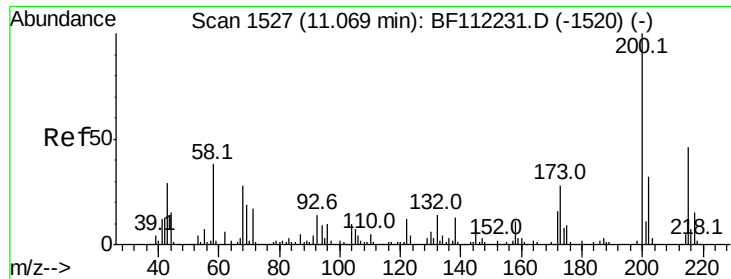
Sohil
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#68
Hexachlorobenzene
Concen: 40.287 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.8	27.6	41.4
249	33.0	24.1	36.1





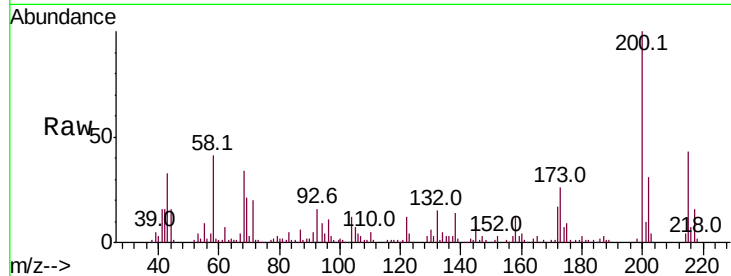
#69
Atrazine
Concen: 38.629 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampled :
COMPMS

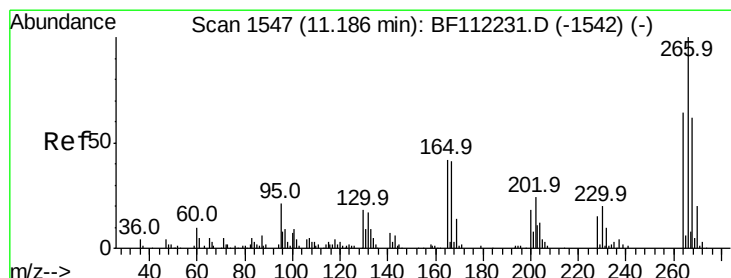
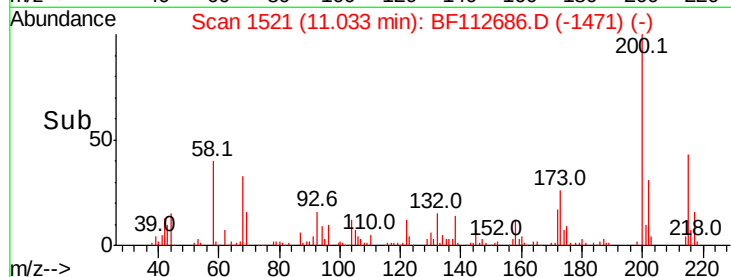
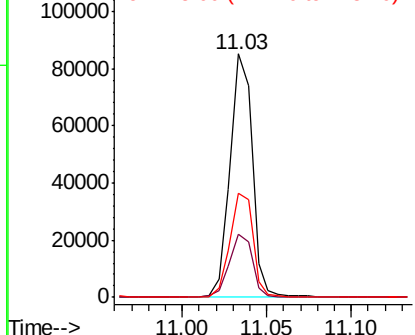
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.1	47.1
215	42.5	30.4	70.4

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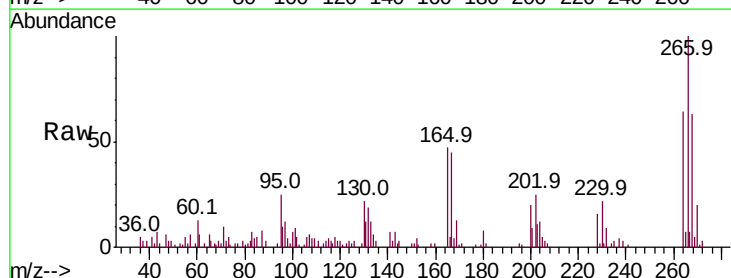


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

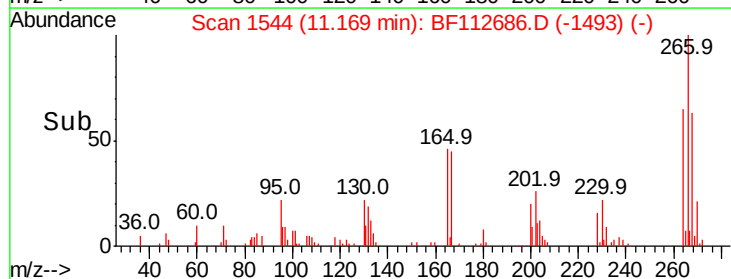
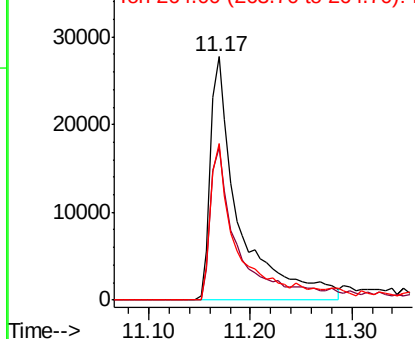


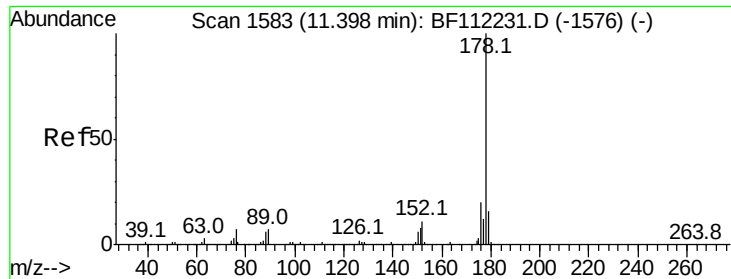
#70
Pentachlorophenol
Concen: 59.631 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.2	76.8
264	64.1	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: 60.564 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

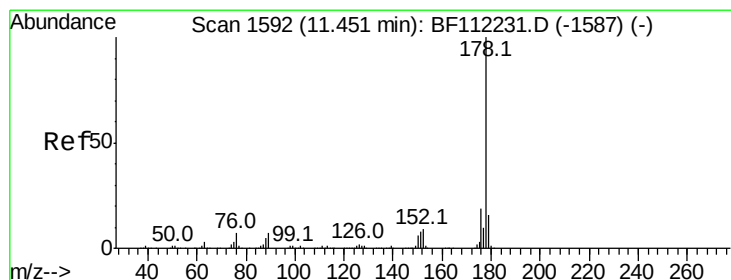
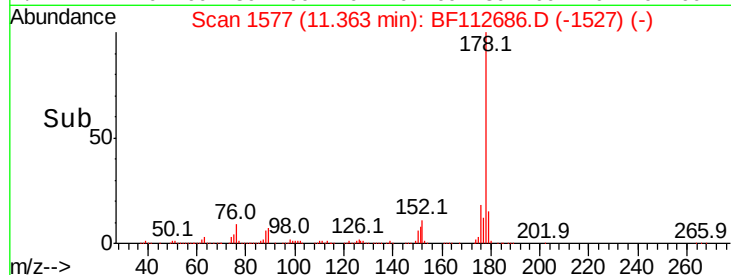
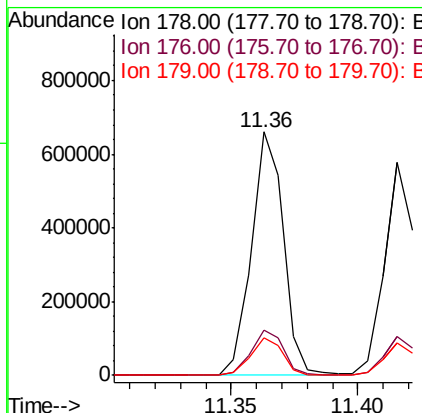
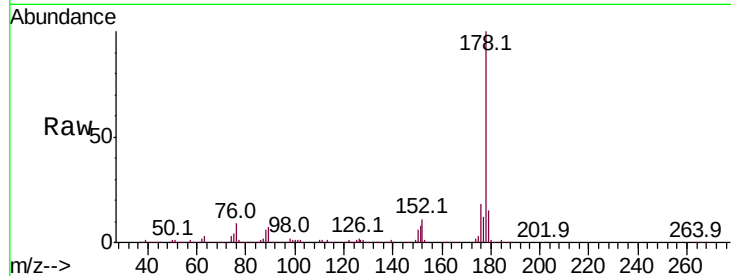
ClientSampled :

COMPMS

Tot Ion:	178	Resp:	584626
Ion Ratio	Lower	Upper	
178	100		
176	18.4	16.3	24.5
179	15.4	13.0	19.4

Manual Integrations
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#72

Anthracene

Concen: 51.988 ng

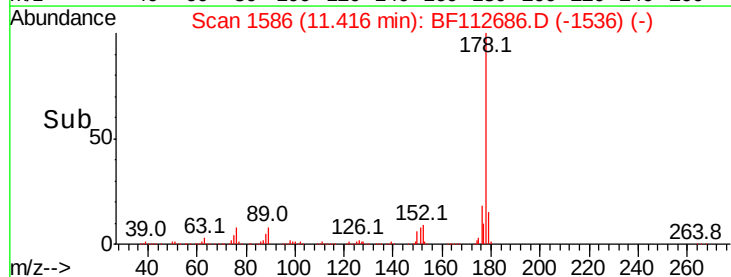
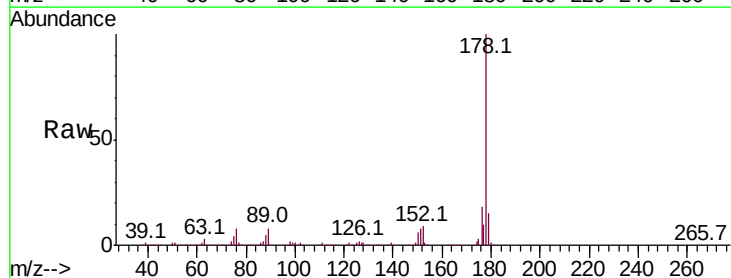
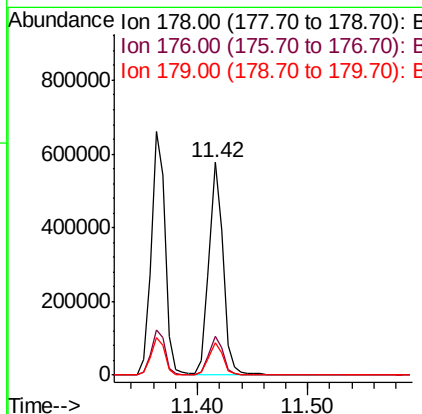
RT: 11.42 min Scan# 1586

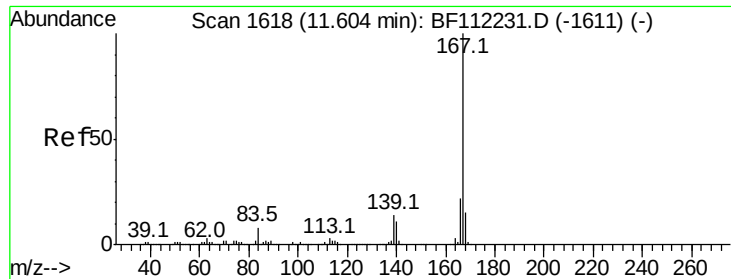
Delta R.T. -0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Tgt Ion:	178	Resp:	499904
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.5	23.3
179	15.3	12.8	19.2





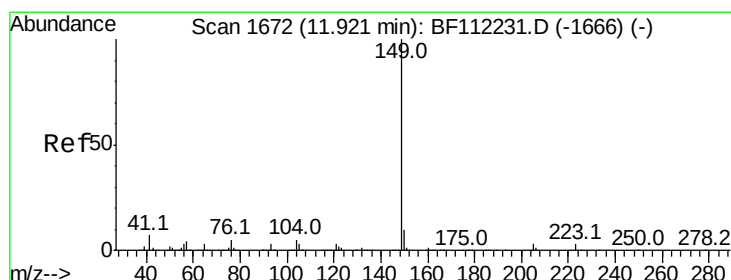
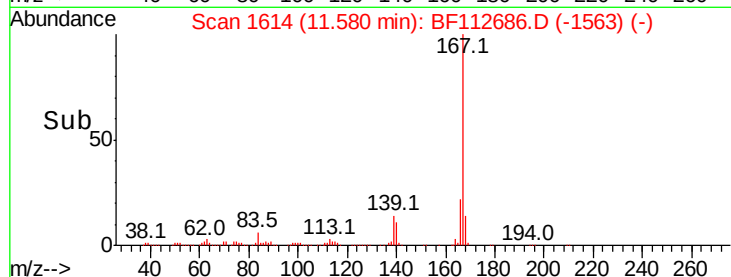
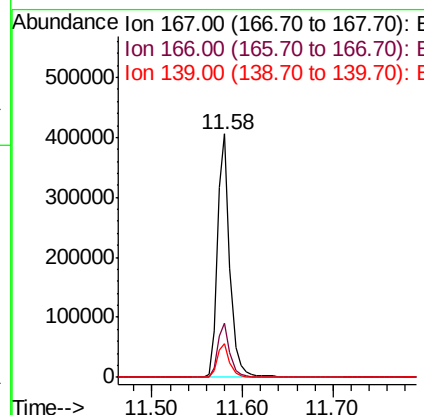
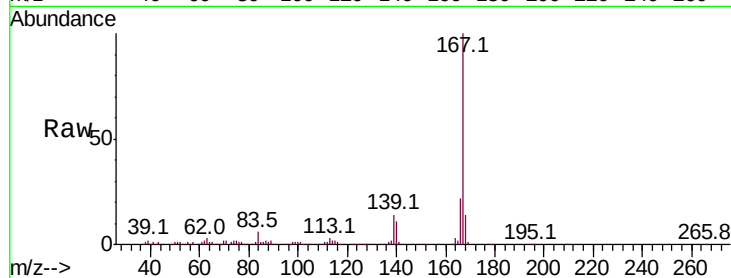
#73
 Carbazole
 Concen: 40.697 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Instrument :
 BNA_F
 ClientSampled :
 COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	22.2	17.9	26.9	
139	13.8	10.2	15.2	

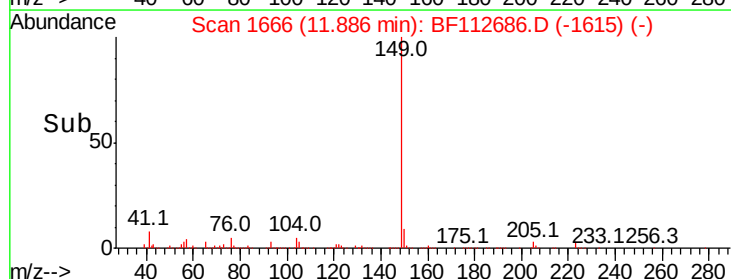
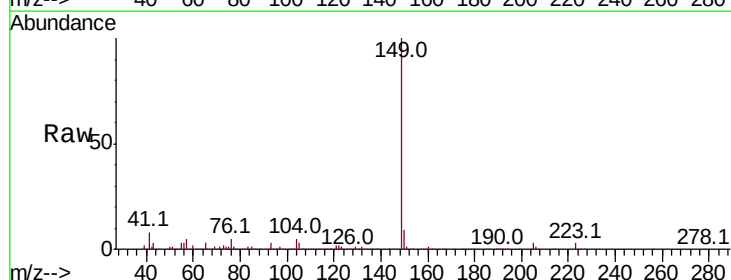
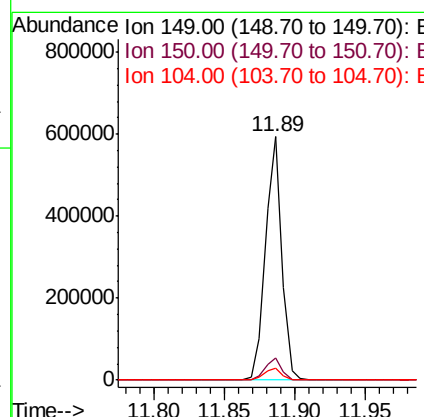
Manual Integrations
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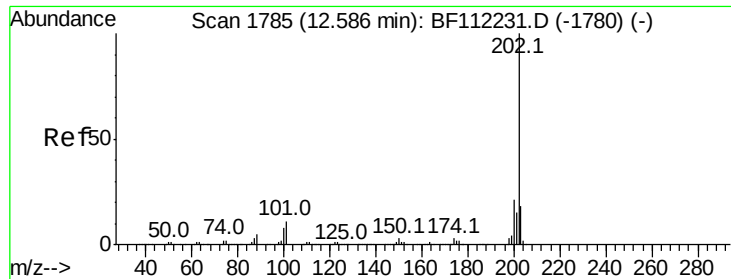
Sohil
 2/26/2019 2:38:59 PM



#74
 Di-n-butylphthalate
 Concen: 41.505 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.9	8.1	12.1	
104	4.9	3.9	5.9	





#75

Fluoranthene

Concen: 88.420 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

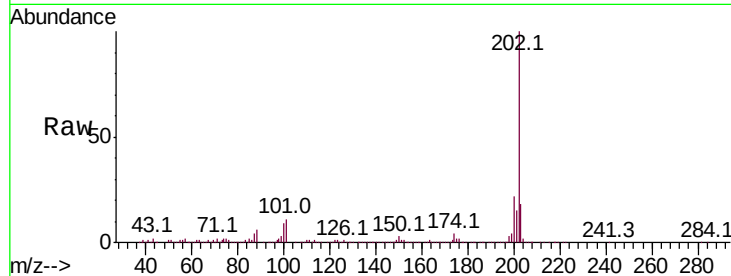
ClientSampled :

COMPMS

Tot Ion:	202	Resp:	915460
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.8
203	18.0	0.0	38.4

Manual Integrations
APPROVED

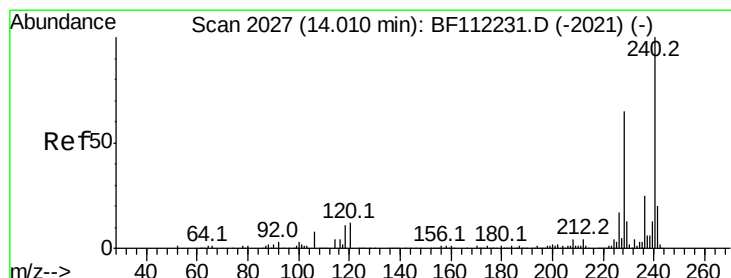
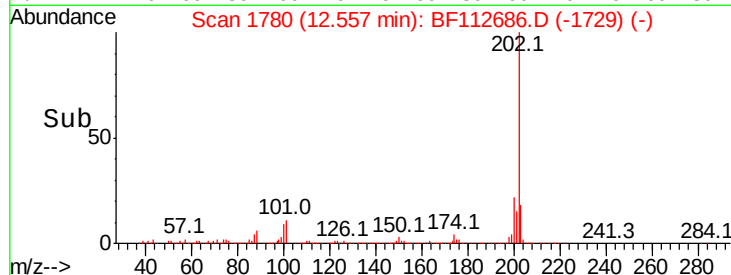
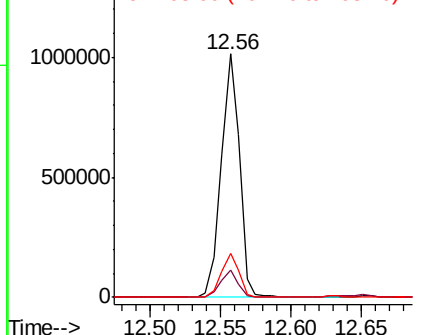
Sohil
2/26/2019 2:38:59 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF112686.D

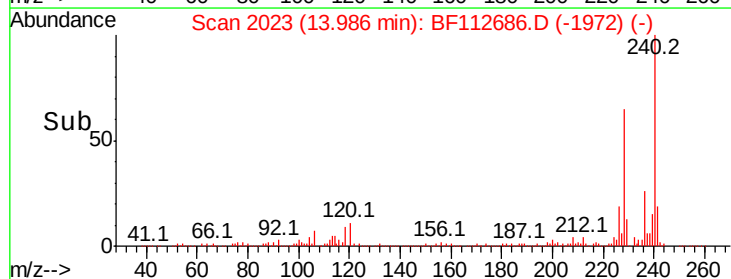
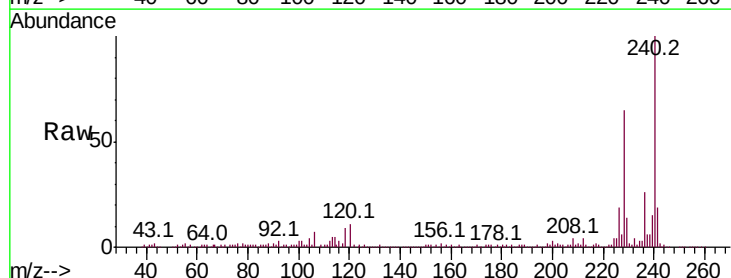
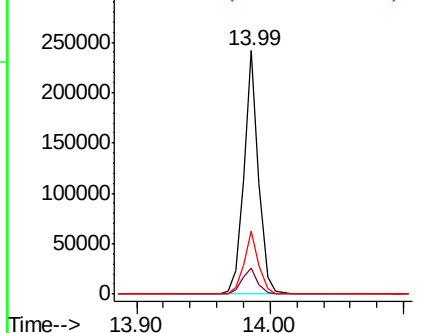
Acq: 25 Feb 2019 12:26

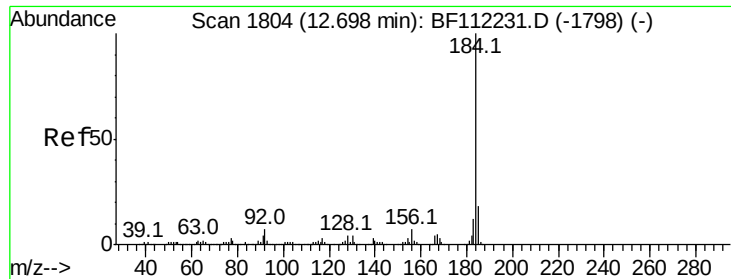
Tgt Ion:	240	Resp:	181790
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.0	13.6
236	25.9	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.679 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

ClientSampleId :

COMPMS

Tot Ion:184 Resp: 78450

Ion Ratio Lower Upper

184 100

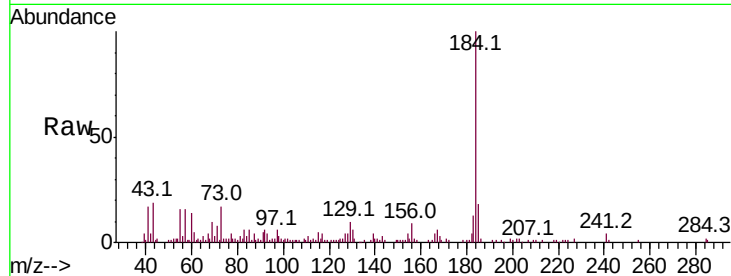
185 17.7 13.9 20.9

183 13.1 10.0 15.0

Manual Integrations
APPROVED

Sohil

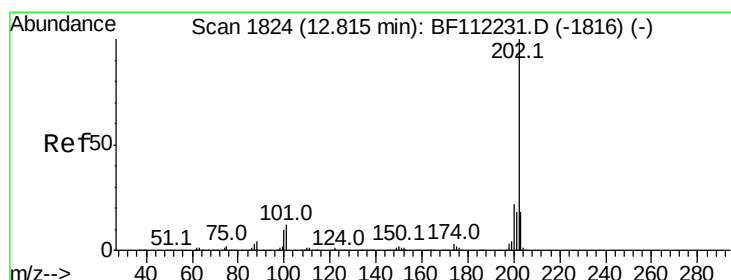
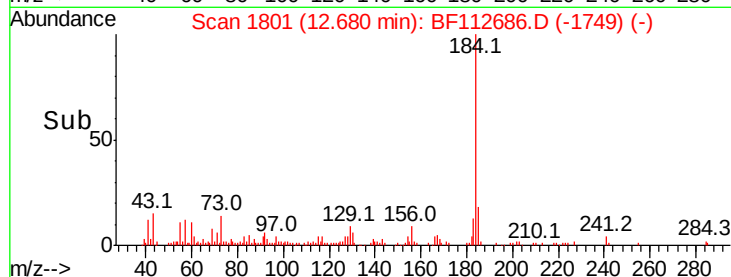
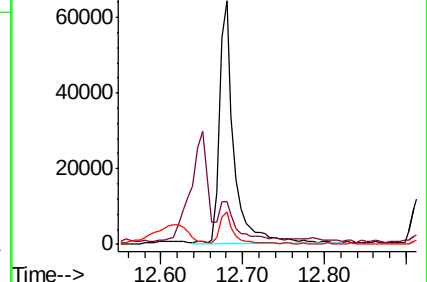
2/26/2019 2:38:59 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 70.745 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

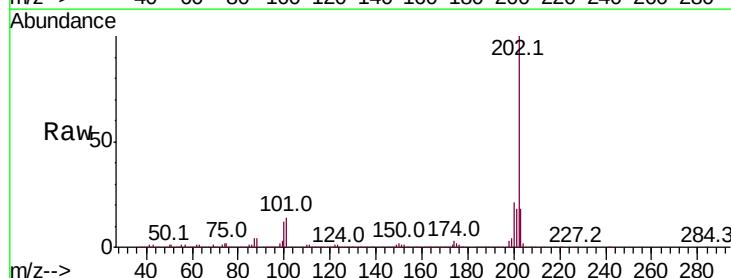
Tgt Ion:202 Resp: 890410

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

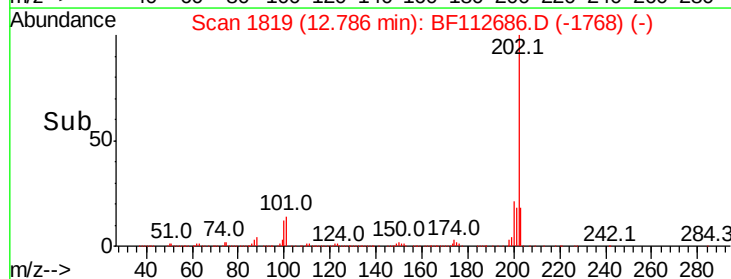
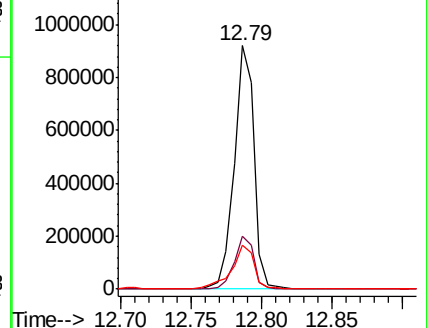
203 17.9 14.6 22.0

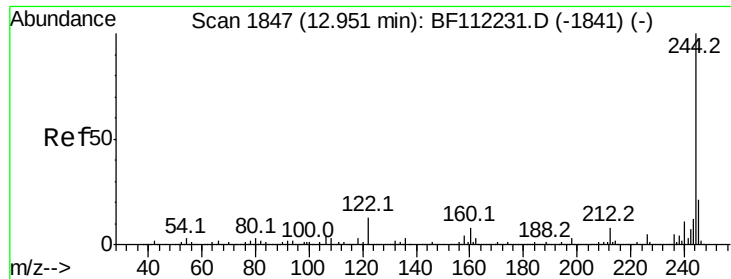


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





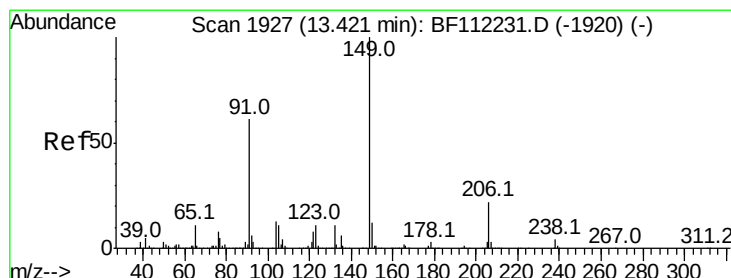
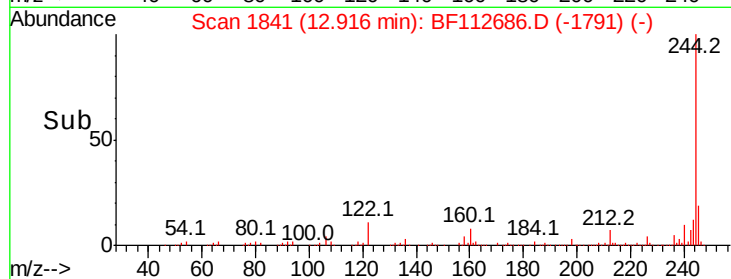
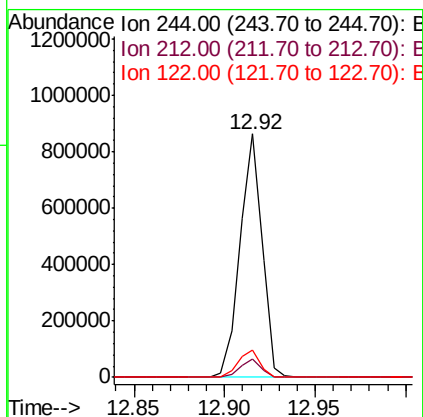
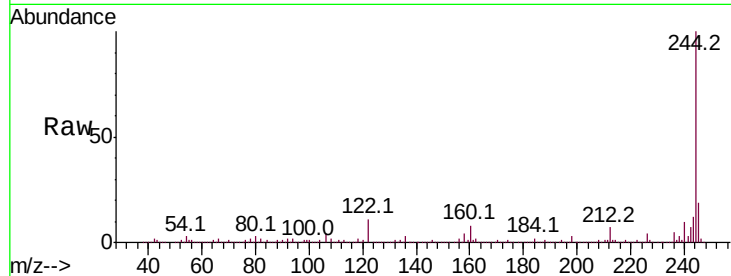
#79
 Terphenyl-d14
 Concen: 75.465 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Instrument :
 BNA_F
 ClientSampled :
 COMPMS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.0	9.8	14.6

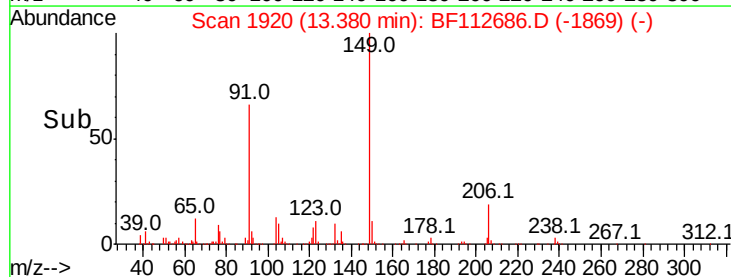
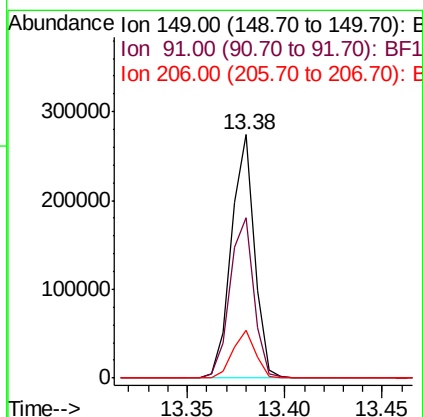
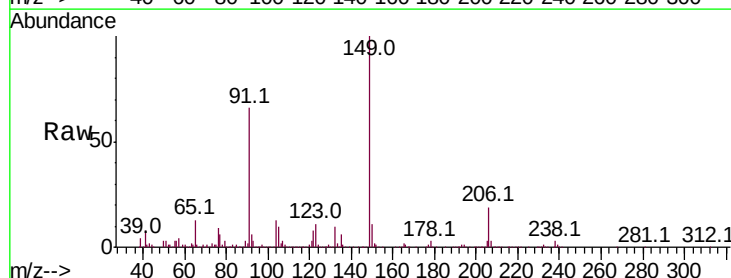
Manual Integrations
 APPROVED

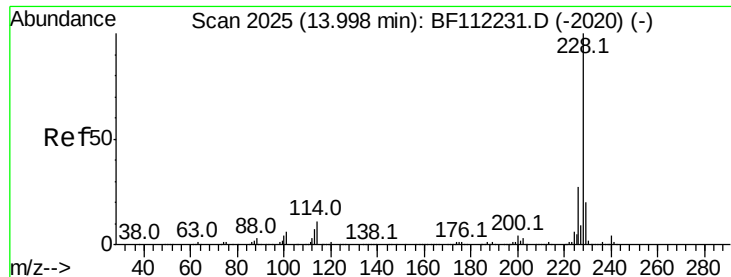
Sohil
 2/26/2019 2:38:59 PM



#80
 Butylbenzylphthalate
 Concen: 36.819 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	66.1	50.3	75.5
206	19.4	18.2	27.4





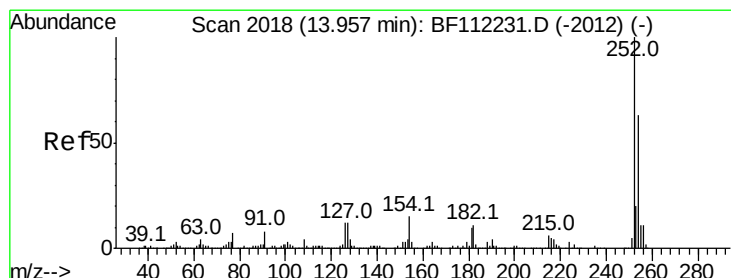
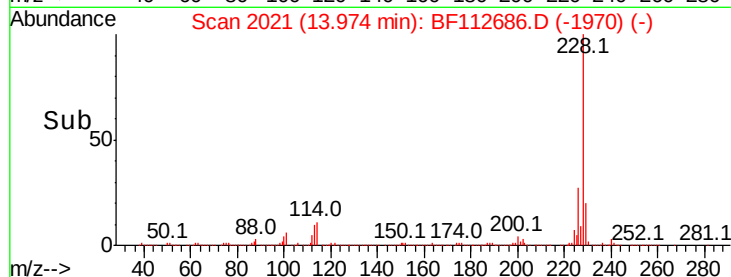
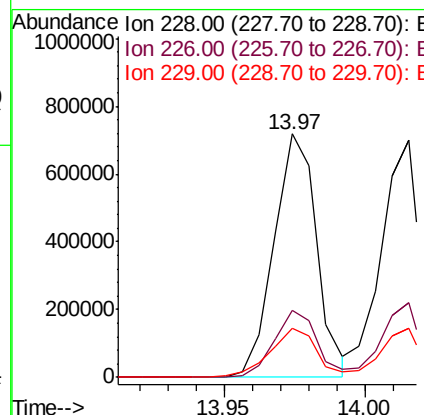
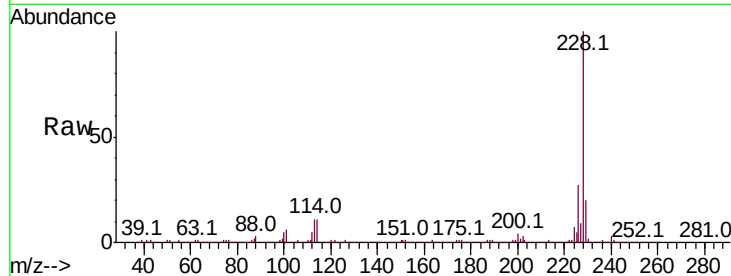
#81
Benzo(a)anthracene
Concen: 70.520 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	20.0	16.5	24.7

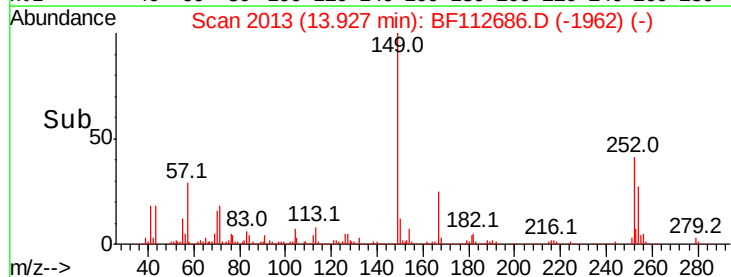
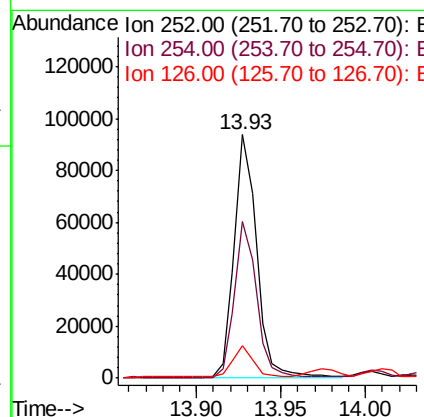
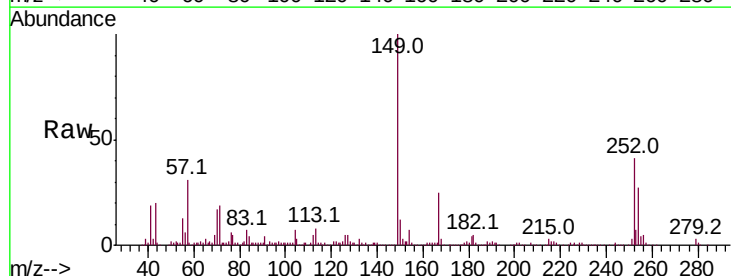
Manual Integrations
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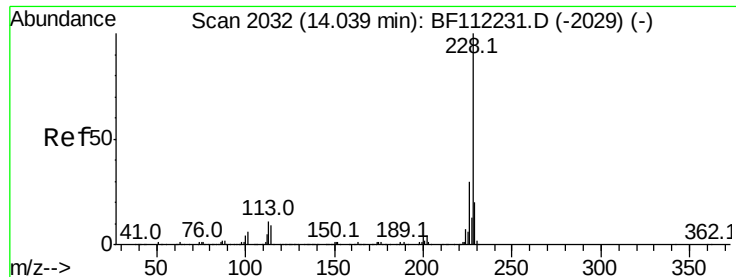
Sohil
2/26/2019 2:38:59 PM



#82
3,3'-Dichlorobenzidine
Concen: 21.873 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.6	77.4
126	13.1	8.6	12.8





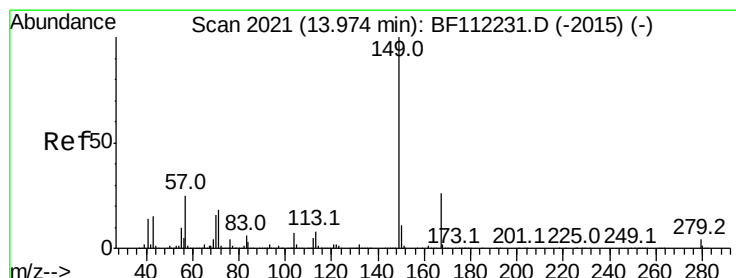
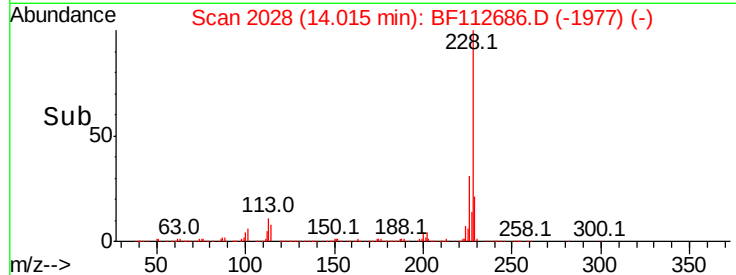
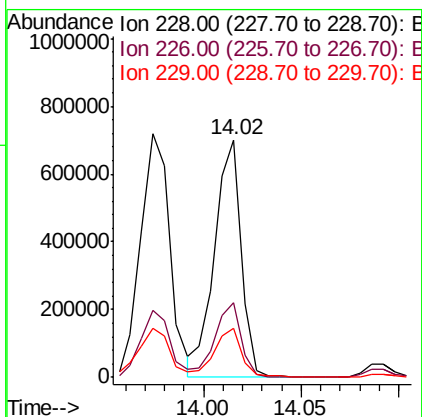
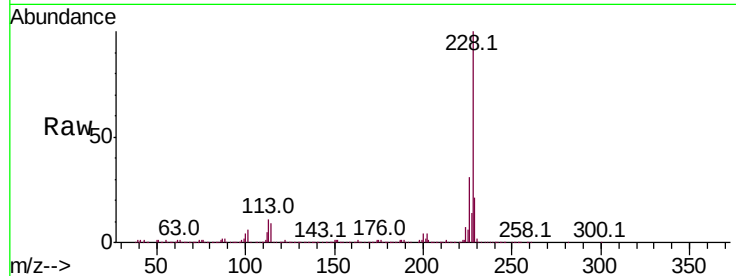
#83
 Chrysene
 Concen: 65.204 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Instrument :
 BNA_F
 ClientSampleId :
 COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.9	16.6	24.8

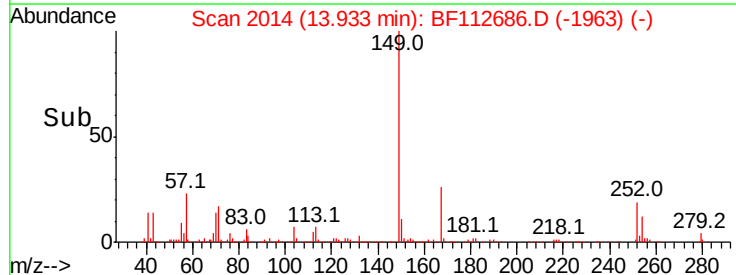
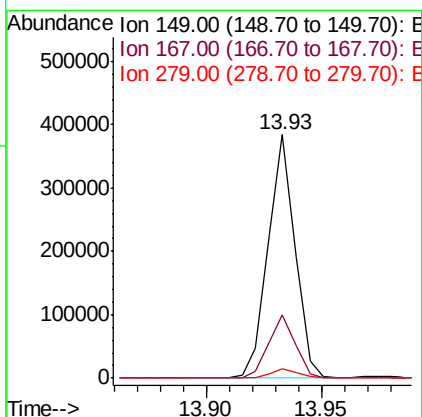
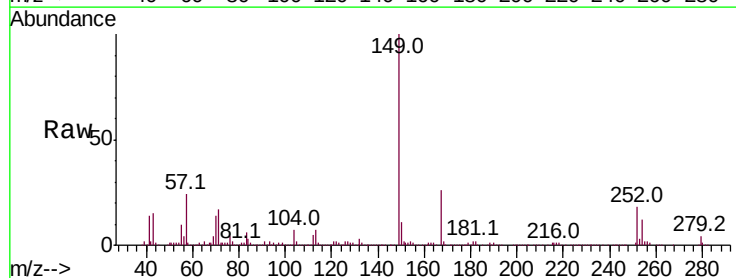
Manual Integrations
 APPROVED

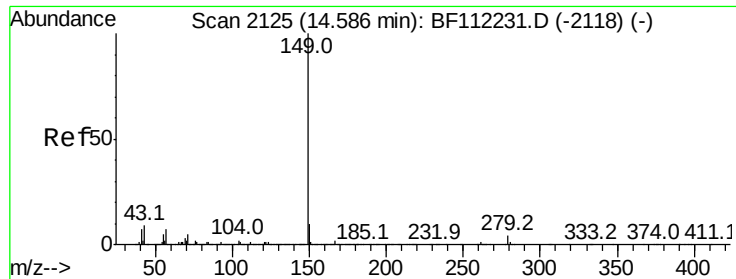
Sohil
 2/26/2019 2:38:59 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.909 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF112686.D
 Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.5	33.7
279	4.0	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 43.529 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

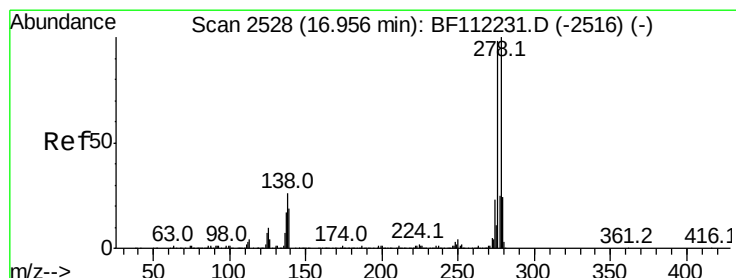
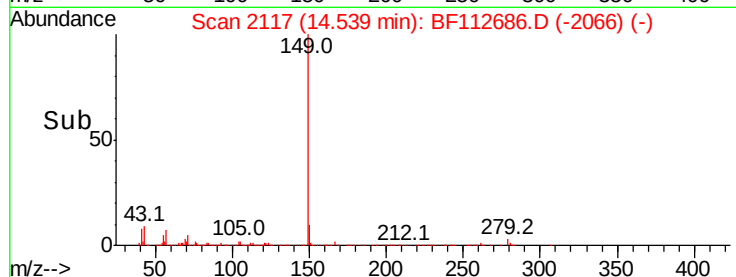
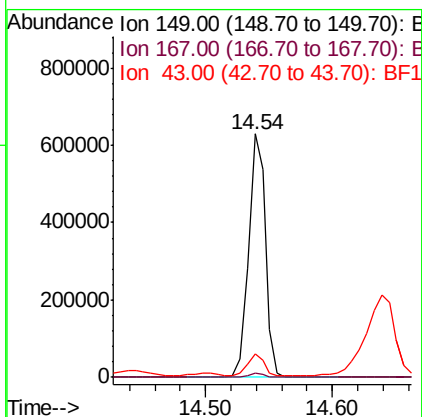
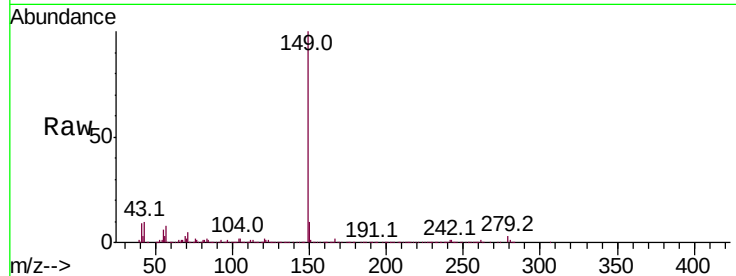
ClientSampleId :

COMPMS

Tot Ion:	149	Resp:	578882
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.6	7.8	11.6

Manual Integrations
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2/26/2019 2:38:59 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 83.484 ng

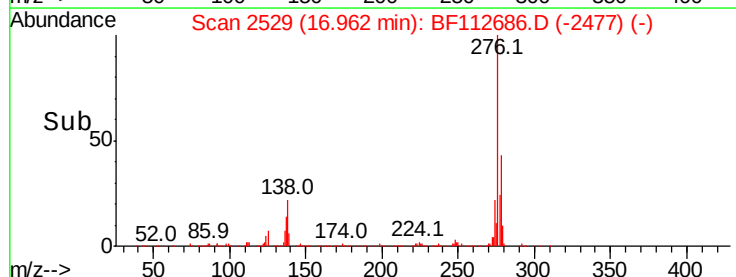
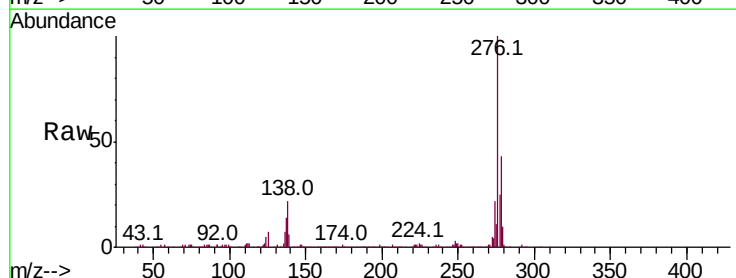
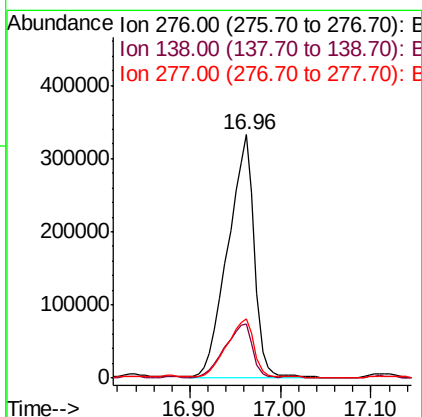
RT: 16.96 min Scan# 2529

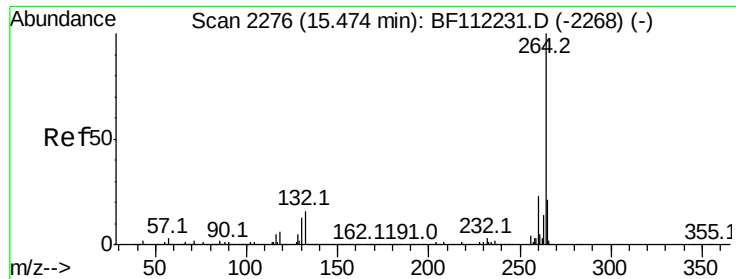
Delta R.T. 0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Tgt Ion:	276	Resp:	674798
Ion Ratio	Lower	Upper	
276	100		
138	23.0	22.6	34.0
277	24.1	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Instrument :

BNA_F

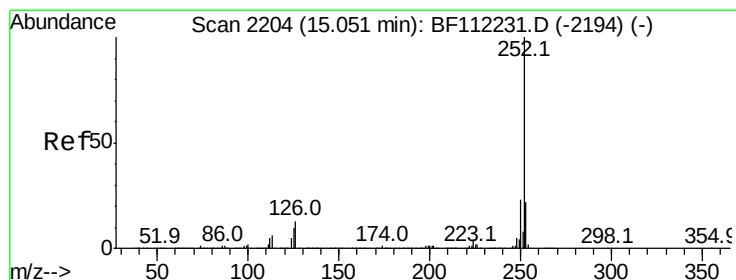
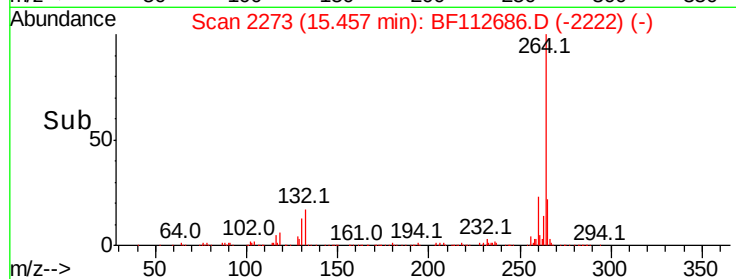
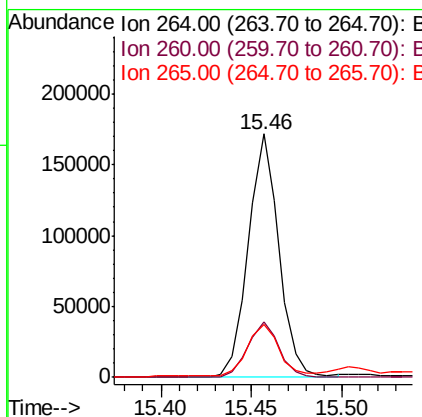
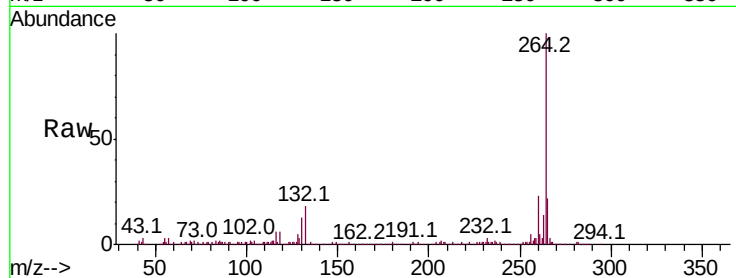
ClientSampleId :

COMPMS

Tot Ion:	264	Resp:	200534
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.2	27.2
265	22.0	17.0	25.4

Manual Integrations
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Sohil
2/26/2019 2:38:59 PM



#88

Benzo(b)fluoranthene

Concen: 73.760 ng

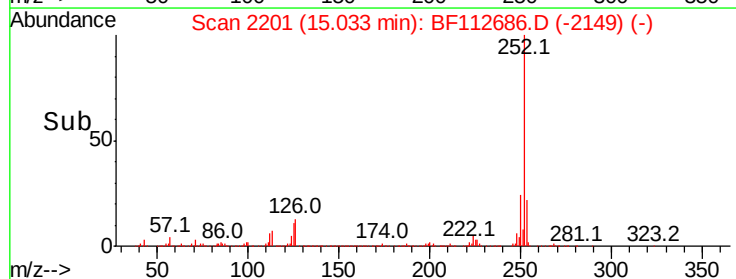
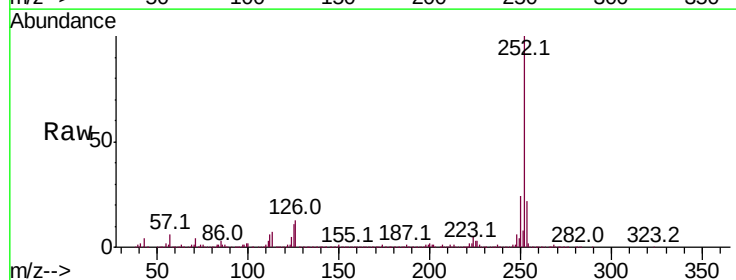
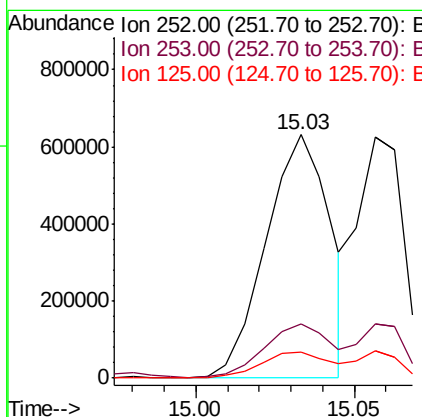
RT: 15.03 min Scan# 2201

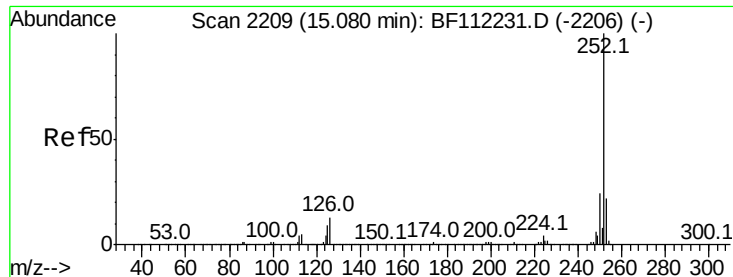
Delta R.T. 0.01 min

Lab File: BF112686.D

Acq: 25 Feb 2019 12:26

Tgt Ion:	252	Resp:	884590
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	10.9	8.7	13.1





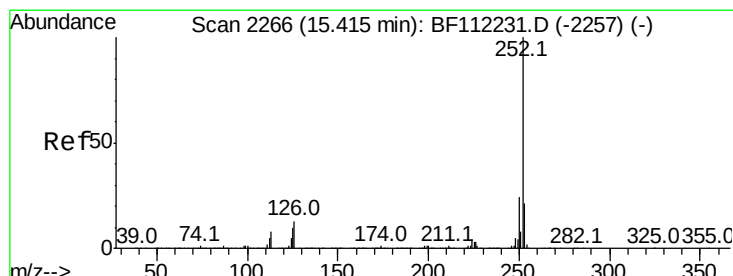
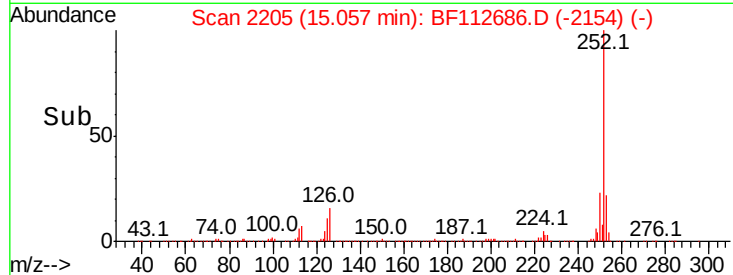
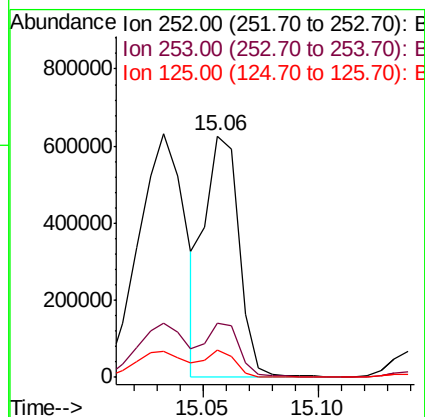
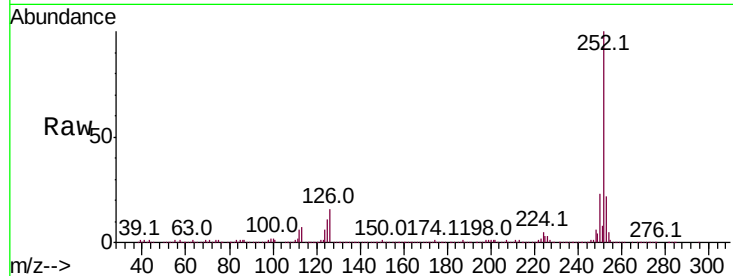
#89
Benzo(k)fluoranthene
Concen: 55.335 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampleId :
COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	635657		
253	22.4	18.0	27.0	
125	11.1	9.1	13.7	

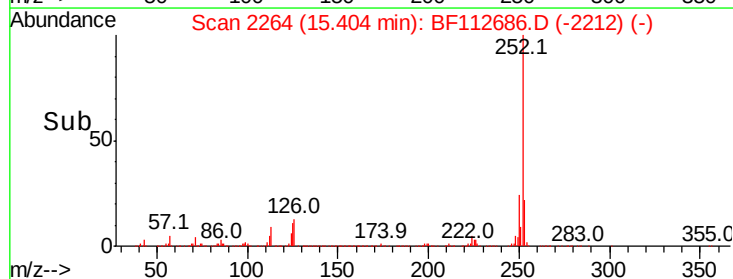
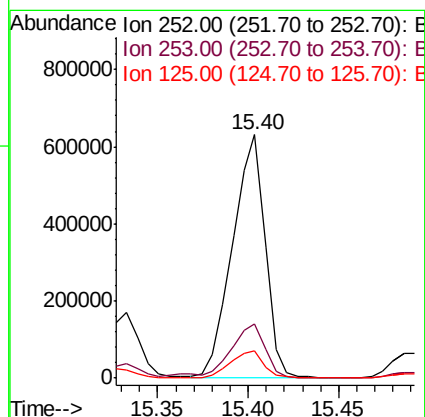
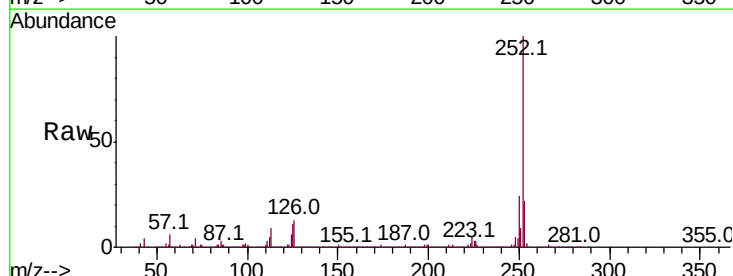
Manual Integrations
APPROVED

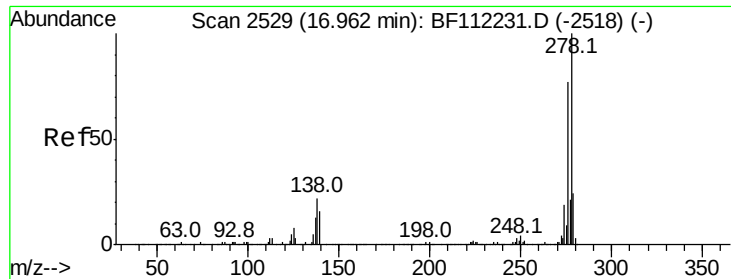
Sohil
2/26/2019 2:38:59 PM



#90
Benzo(a)pyrene
Concen: 73.207 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	789979		
253	22.4	17.5	26.3	
125	11.1	9.0	13.4	





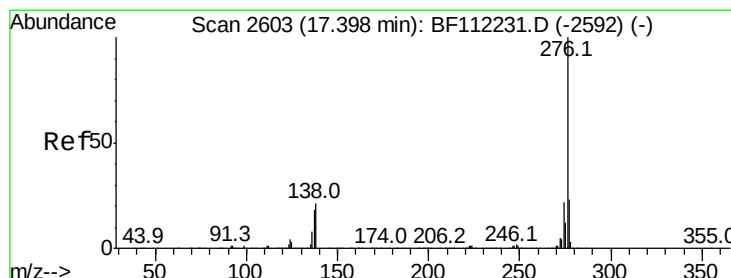
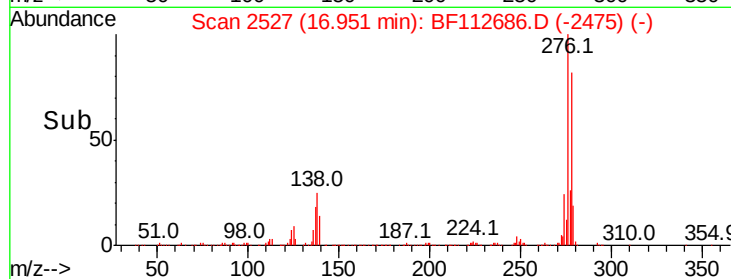
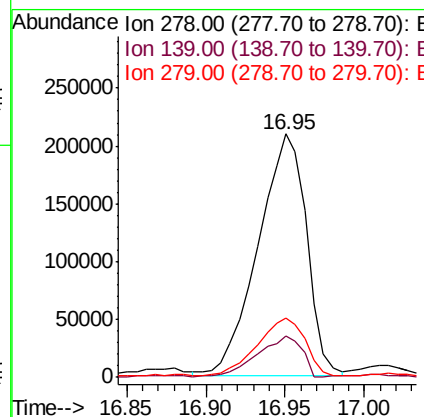
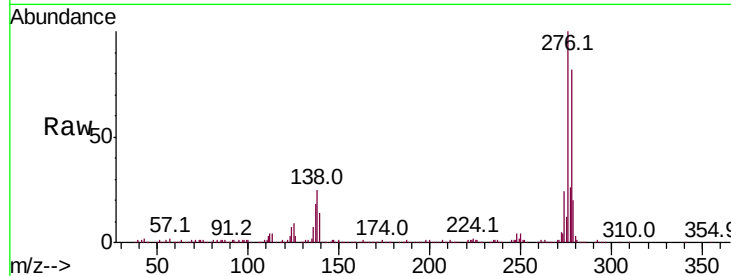
#91
Dibenzo(a,h)anthracene
Concen: 50.845 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Instrument :
BNA_F
ClientSampled :
COMPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.7	20.5
279	24.2	19.0	28.6

Manual Integrations
APPROVED

Sohil
2/26/2019 2:38:59 PM



#92
Benzo(g,h,i)perylene
Concen: 65.927 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.01 min
Lab File: BF112686.D
Acq: 25 Feb 2019 12:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	20.9	19.1	28.7

