

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
 Data File : BF113265.D
 Acq On : 24 Mar 2019 13:55
 Operator : JU/SJ
 Sample : K2058-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMS

Manual Integrations
 APPROVED

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 3/26/2019 6:34:48 PM

Quant Time: Mar 25 04:45:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162576	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	607498	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	304732	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	634680	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	492893	20.00	ng	0.00
87) Perylene-d12	15.27	264	439093	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1258837	120.45	ng	0.00
7) Phenol-d6	6.37	99	1611473	122.74	ng	0.00
23) Nitrobenzene-d5	7.28	82	1024279	100.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	550743	170.24	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1786440	102.73	ng	-0.02
79) Terphenyl-d14	12.82	244	2069324	81.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	165025	31.500	ng	99
3) Pyridine	3.14	79	415802	29.666	ng	99
4) n-Nitrosodimethylamine	3.06	42	208565	34.017	ng	99
6) Aniline	6.38	93	437337	24.200	ng	# 5
8) 2-Chlorophenol	6.50	128	436794	37.544	ng	99
9) Benzaldehyde	6.26	77	109539	11.579	ng	100
10) Phenol	6.39	94	547588	35.743	ng	95
11) bis(2-Chloroethyl)ether	6.46	93	422551	35.934	ng	95
12) 1,3-Dichlorobenzene	6.66	146	461587	38.407	ng	96
13) 1,4-Dichlorobenzene	6.73	146	472688	39.218	ng	97
14) 1,2-Dichlorobenzene	6.89	146	433609	39.244	ng	98
15) Benzyl Alcohol	6.86	79	366885	36.648	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	678636	34.582	ng	87
17) 2-Methylphenol	6.99	107	359467	38.086	ng	93
18) Hexachloroethane	7.23	117	169726	36.762	ng	91
19) n-Nitroso-di-n-propylamine	7.13	70	303660	36.520	ng	98
20) 3+4-Methylphenols	7.14	107	445344	41.794	ng	# 66
22) Acetophenone	7.13	105	607907	42.795	ng	# 91
24) Nitrobenzene	7.30	77	465295	41.178	ng	99
25) Isophorone	7.54	82	872250	39.880	ng	99
26) 2-Nitrophenol	7.62	139	249375	53.016	ng	99
27) 2,4-Dimethylphenol	7.66	122	403624	46.124	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	553181	40.453	ng	100
29) 2,4-Dichlorophenol	7.86	162	391420	46.124	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	409526	44.912	ng	99
31) Naphthalene	8.02	128	1260588	41.795	ng	99
32) Benzoic acid	7.75	122	27982	4.562	ng	87
33) 4-Chloroaniline	8.07	127	297249	23.269	ng	99
34) Hexachlorobutadiene	8.14	225	237080	46.103	ng	98
35) Caprolactam	8.45	113	129550m	43.344	ng	
36) 4-Chloro-3-methylphenol	8.57	107	406810	43.316	ng	96
37) 2-Methylnaphthalene	8.71	142	861300	44.220	ng	99
38) 1-Methylnaphthalene	8.81	142	813789	43.131	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	398648	44.861	ng	99

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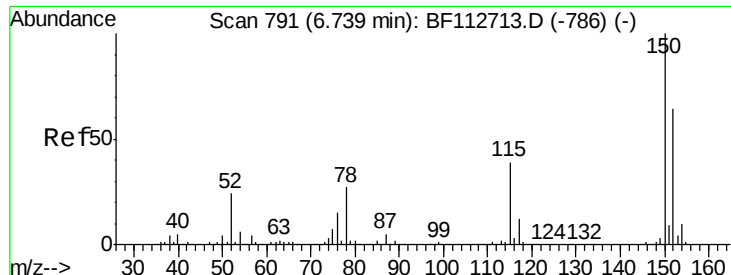
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	397835	81.756	nq	98
43) 2,4,6-Trichlorophenol	8.99	196	286222	46.800	nq	100
44) 2,4,5-Trichlorophenol	9.04	196	309956	46.889	nq	99
46) 1,1'-Biphenyl	9.17	154	1050600	42.268	nq	99
47) 2-Chloronaphthalene	9.20	162	814536	41.969	nq	98
48) 2-Nitroaniline	9.30	65	269168	45.628	nq	90
49) Acenaphthylene	9.61	152	1319498	40.047	nq	100
50) Dimethylphthalate	9.48	163	1088109	48.426	nq	99
51) 2,6-Dinitrotoluene	9.54	165	225882	48.275	nq #	80
52) Acenaphthene	9.78	154	751983	39.028	nq	98
53) 3-Nitroaniline	9.70	138	194297	34.078	nq	97
54) 2,4-Dinitrophenol	9.82	184	90979	50.154	nq	93
55) Dibenzofuran	9.96	168	1152184	41.143	nq	96
56) 4-Nitrophenol	9.89	139	348614	75.234	nq	93
57) 2,4-Dinitrotoluene	9.95	165	292478	50.287	nq	88
58) Fluorene	10.30	166	880267	44.288	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	276309	50.170	nq #	93
60) Diethylphthalate	10.17	149	1011734	42.633	nq	99
61) 4-Chlorophenyl-phenylether	10.29	204	445933	48.221	nq	96
62) 4-Nitroaniline	10.32	138	260372	49.421	nq	96
63) Azobenzene	10.45	77	916554	37.707	nq	92
65) 4,6-Dinitro-2-methylphenol	10.36	198	132227	50.444	nq	78
66) n-Nitrosodiphenylamine	10.41	169	835222	41.033	nq	99
67) 4-Bromophenyl-phenylether	10.77	248	297164	44.452	nq	94
68) Hexachlorobenzene	10.85	284	343237	45.548	nq #	86
69) Atrazine	10.94	200	282264	45.278	nq	99
70) Pentachlorophenol	11.05	266	336045	75.764	nq	98
71) Phenanthrene	11.26	178	1333705	42.236	nq	99
72) Anthracene	11.30	178	1384194	41.875	nq	100
73) Carbazole	11.46	167	1327687	41.174	nq	99
74) Di-n-butylphthalate	11.79	149	1644412	42.531	nq	99
75) Fluoranthene	12.44	202	1486345	43.933	nq	97
77) Benzidine	12.56	184	527532	20.629	nq	98
78) Pyrene	12.67	202	1507192	36.272	nq	100
80) Butylbenzylphthalate	13.29	149	723674	39.456	nq	92
81) Benzo(a)anthracene	13.85	228	1179852	34.538	nq	99
82) 3,3'-Dichlorobenzidine	13.81	252	356334	27.581	nq	99
83) Chrysene	13.89	228	1226508	36.654	nq	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	939419	43.667	nq	100
85) Di-n-octyl phthalate	14.45	149	1641394	44.432	nq	97
86) Indeno(1,2,3-cd)pyrene	16.64	276	1218083	42.699	nq	94
88) Benzo(b)fluoranthene	14.87	252	1195256m	42.084	nq	
89) Benzo(k)fluoranthene	14.90	252	991392	38.536	nq	99
90) Benzo(a)pyrene	15.21	252	1048723	41.746	nq	98
91) Dibenzo(a,h)anthracene	16.65	278	1020242	47.593	nq	97
92) Benzo(g,h,i)perylene	17.05	276	1041802	48.398	nq #	95

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



#1

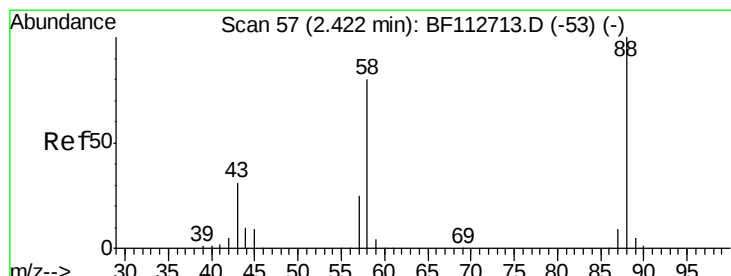
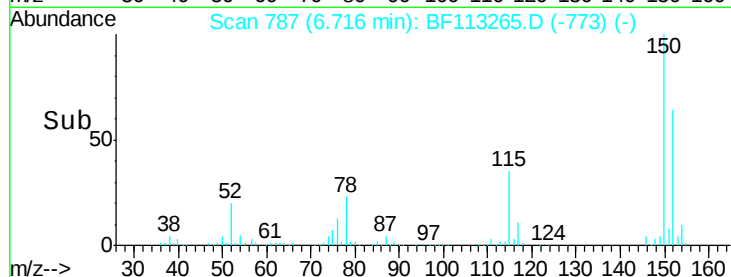
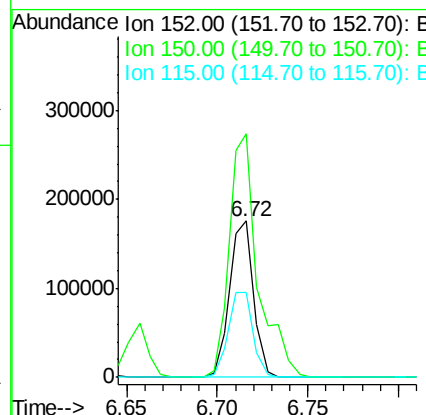
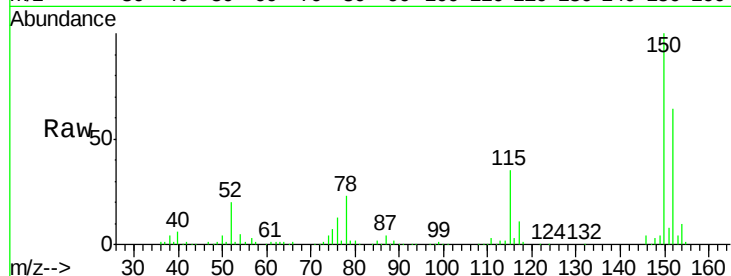
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.2
115	54.5	48.2	72.4

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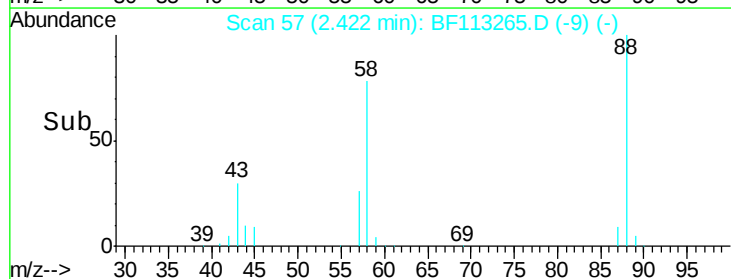
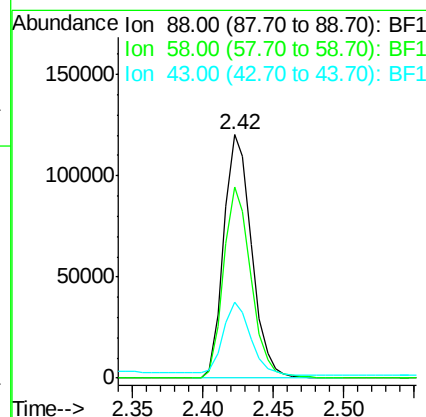
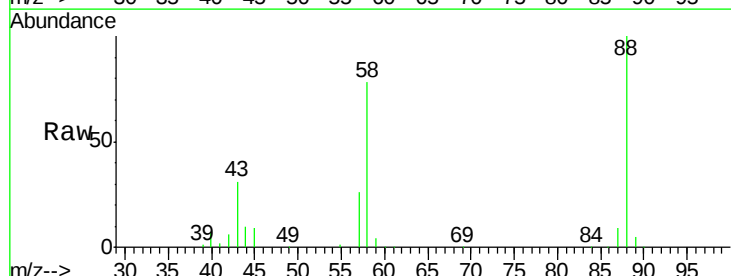
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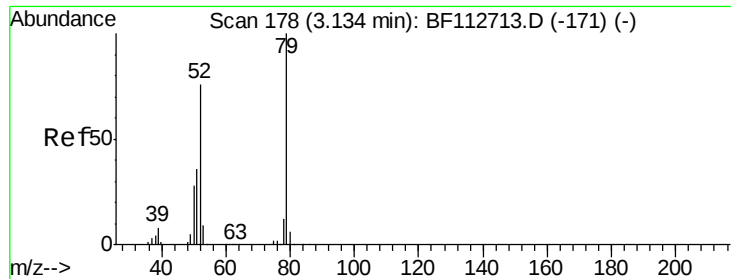


#2

1,4-Dioxane
Concen: 31.500 ng
RT: 2.42 min Scan# 57
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.4	63.1	94.7
43	30.4	24.3	36.5





#3

Pvridine

Concen: 29.666 ng

RT: 3.14 min Scan# 179

Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

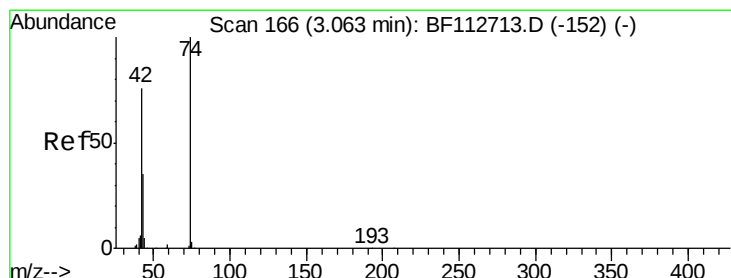
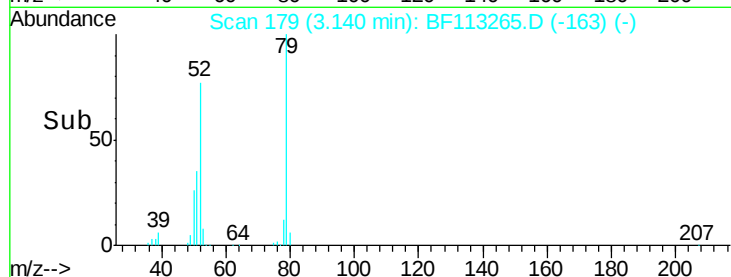
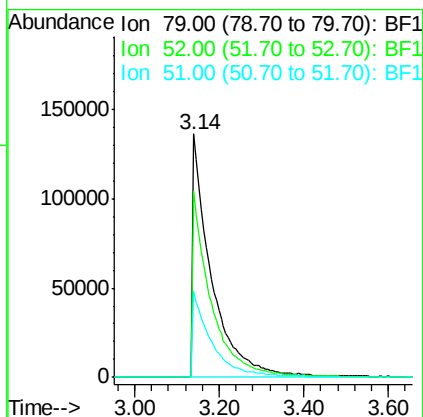
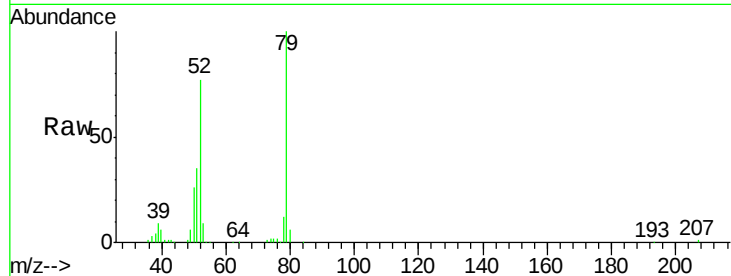
ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:	79	Resp:	415802
Ion Ratio	Lower	Upper	
79	100		
52	76.5	60.5	90.7
51	35.3	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 34.017 ng

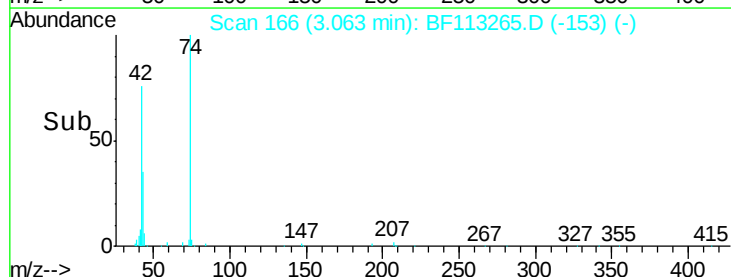
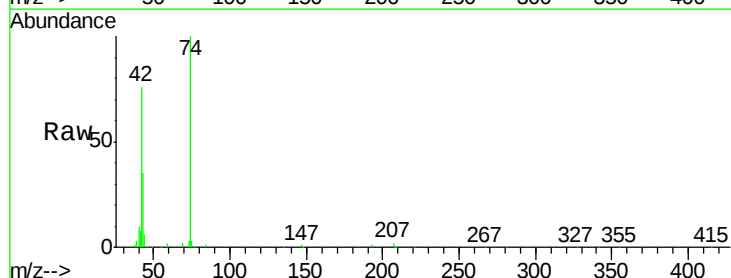
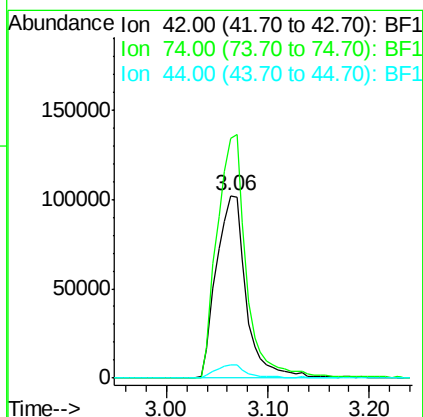
RT: 3.06 min Scan# 166

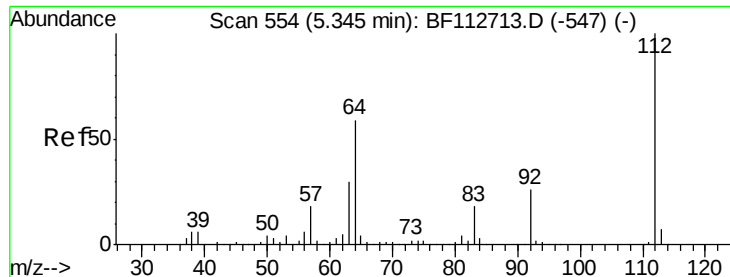
Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Tgt Ion:	42	Resp:	208565
Ion Ratio	Lower	Upper	
42	100		
74	131.1	105.8	158.8
44	7.2	6.2	9.2





#5

2-Fluorophenol

Concen: 120.447 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF113265.D

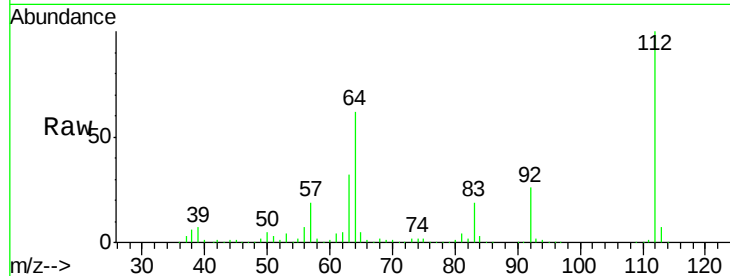
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

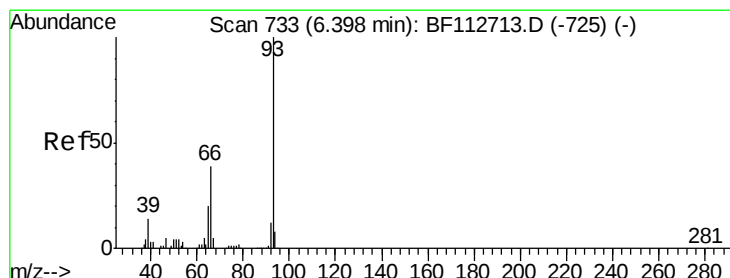
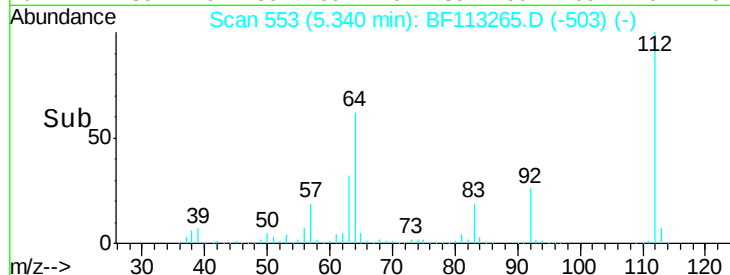
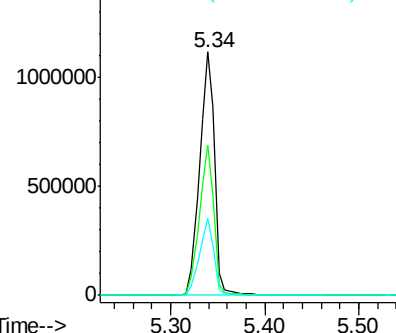
Tot Ion:	112	Resp:	1258837
Ion Ratio	Lower	Upper	
112	100		
64	61.6	47.6	71.4
63	32.0	24.4	36.6

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



#6

Aniline

Concen: 24.200 ng

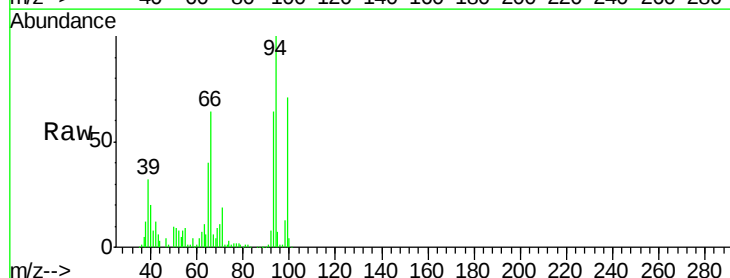
RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

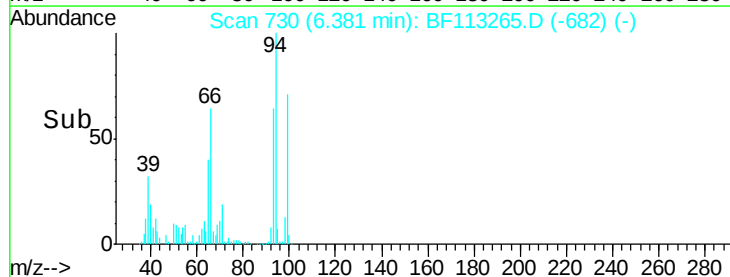
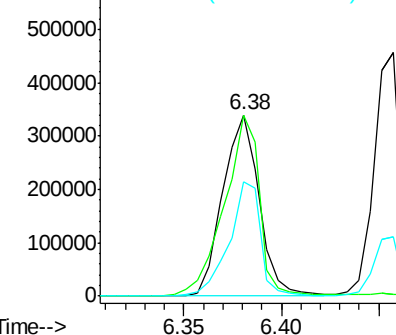
Lab File: BF113265.D

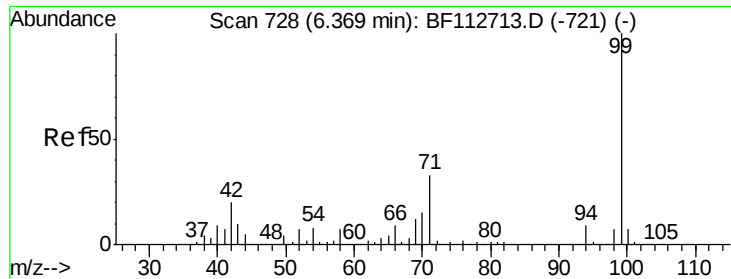
Acq: 24 Mar 2019 13:55

Tgt Ion:	93	Resp:	437337
Ion Ratio	Lower	Upper	
93	100		
66	100.1	32.2	48.2#
65	62.9	16.2	24.4#



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





#7

Phenol-d6

Concen: 122.745 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMPMS

Tot Ion: 99 Resp: 1611473

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

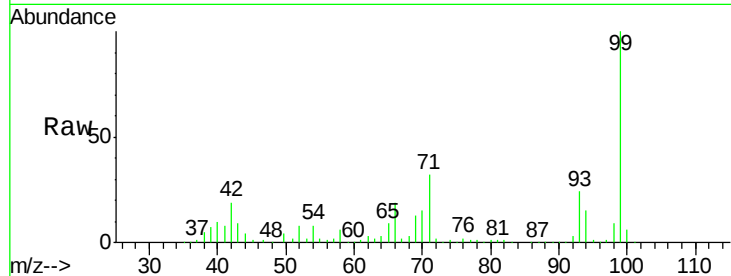
71 32.2 26.2 39.4

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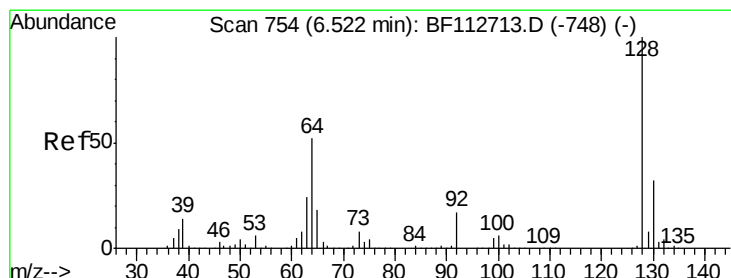
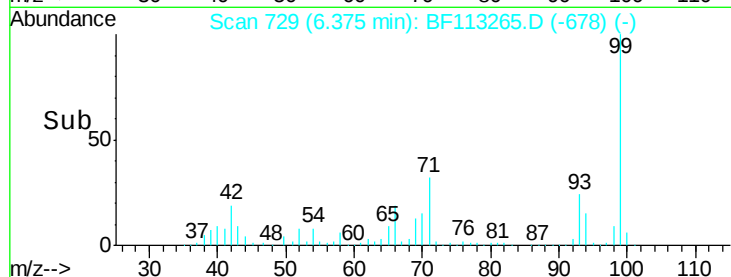
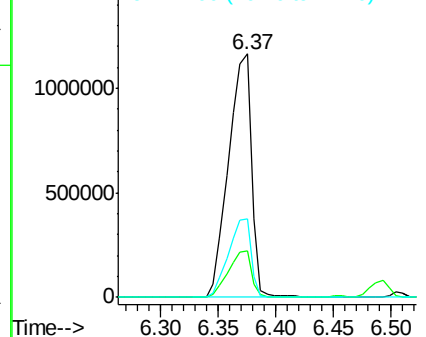
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.544 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

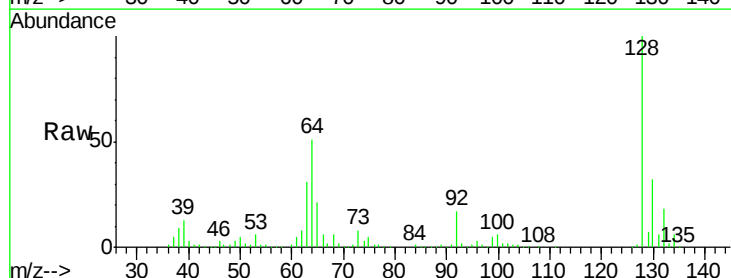
Tgt Ion: 128 Resp: 436794

Ion Ratio Lower Upper

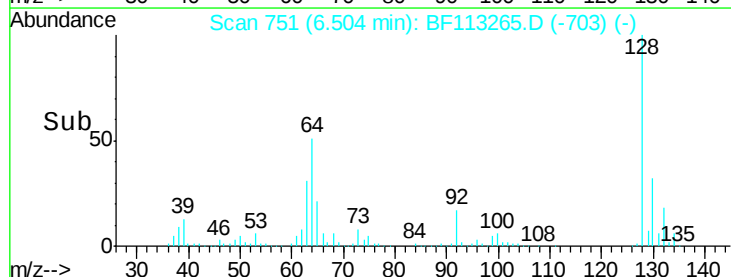
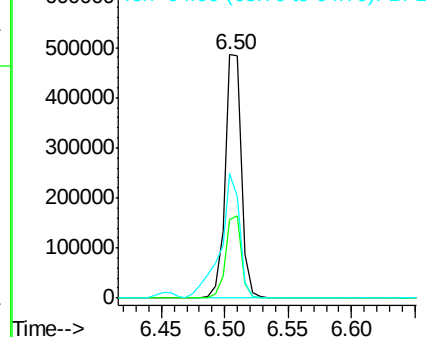
128 100

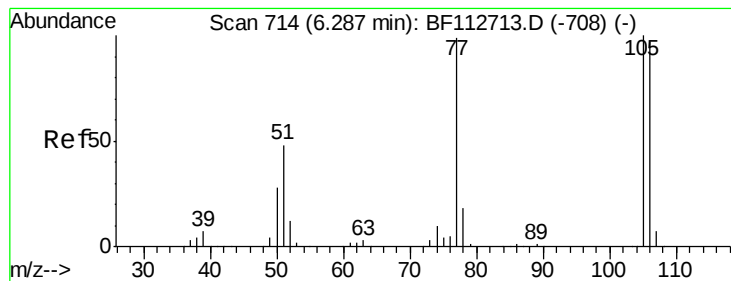
130 32.4 12.4 52.4

64 51.4 32.2 72.2



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





#9

Benzaldehyde

Concen: 11.579 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

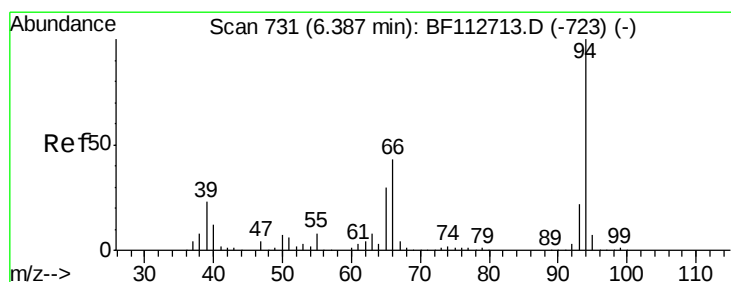
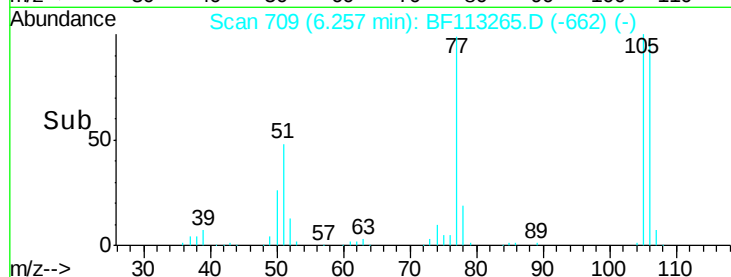
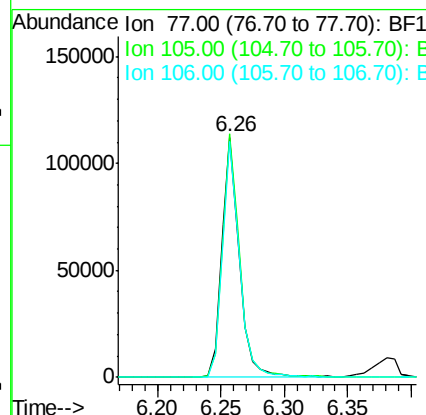
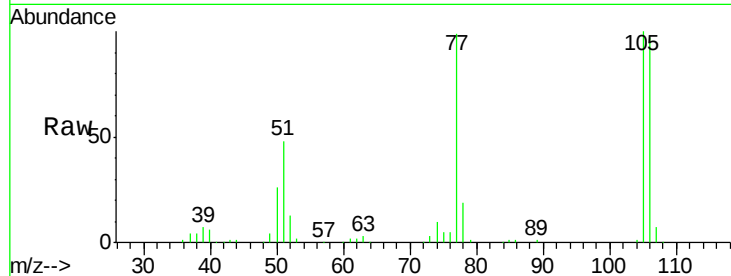
ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:	77	Resp:	109539
Ion	Ratio	Lower	Upper
77	100		
105	101.3	81.4	121.4
106	98.1	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 35.743 ng

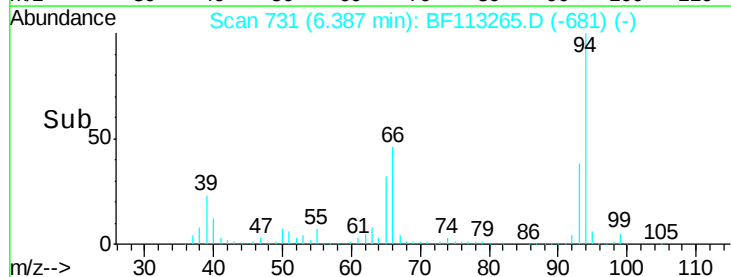
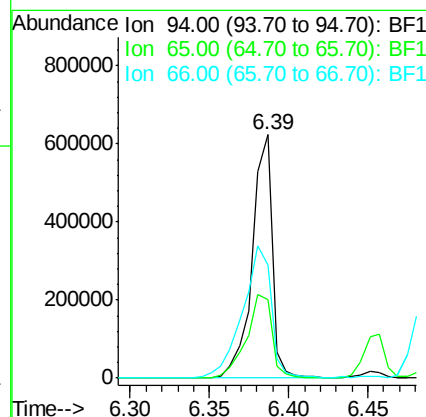
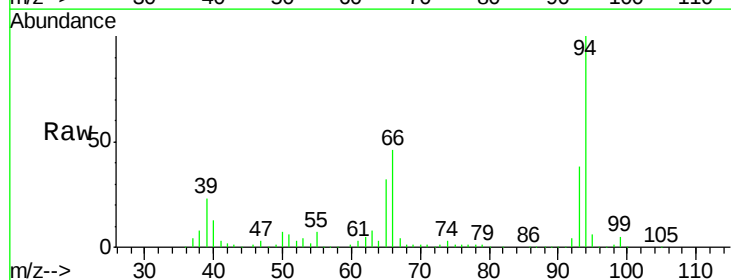
RT: 6.39 min Scan# 731

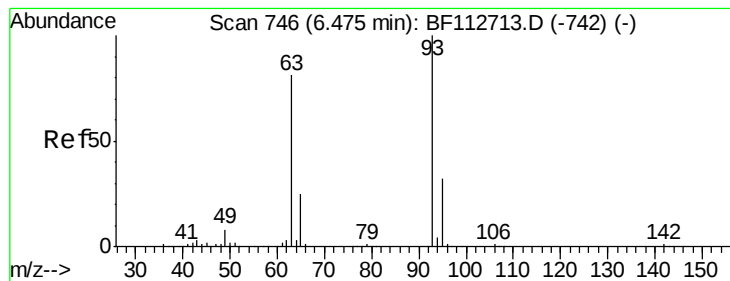
Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Tgt Ion:	94	Resp:	547588
Ion	Ratio	Lower	Upper
94	100		
65	32.3	10.5	50.5
66	46.4	22.6	62.6





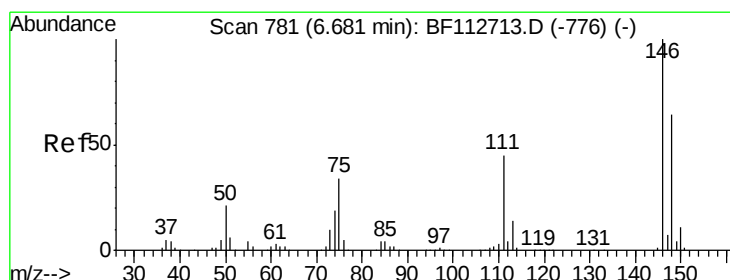
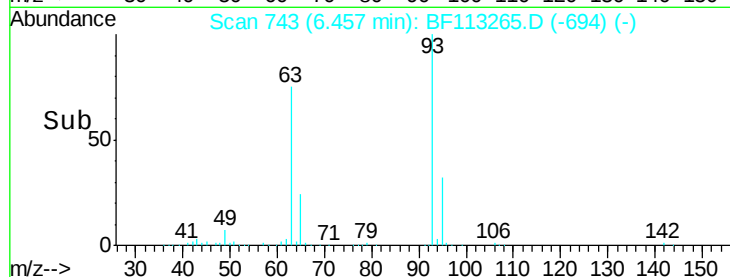
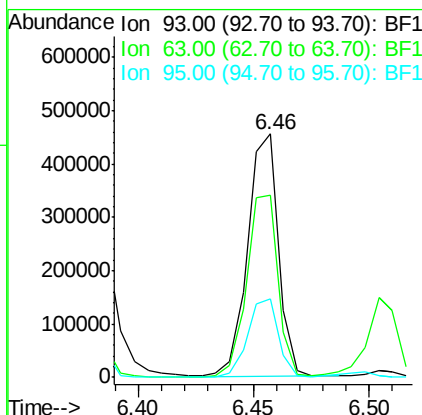
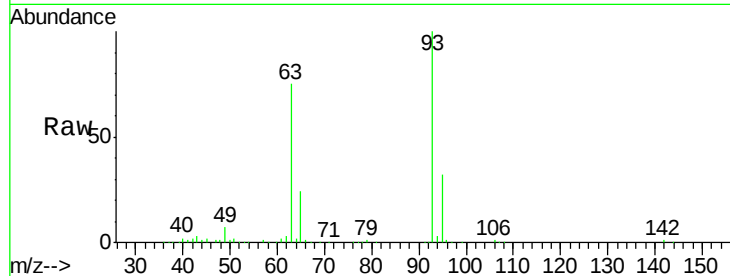
#11
bis(2-Chloroethyl)ether
Concen: 35.934 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.9	60.5	100.5
95	32.2	12.1	52.1

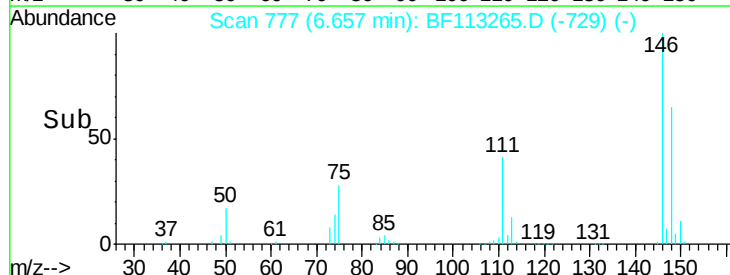
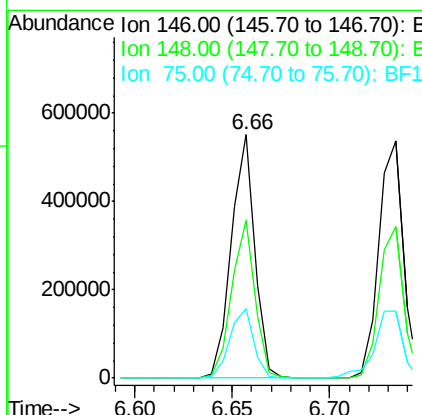
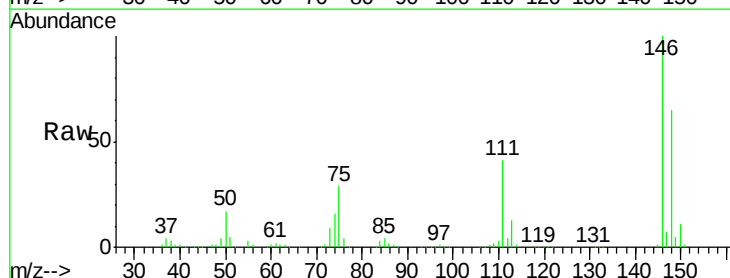
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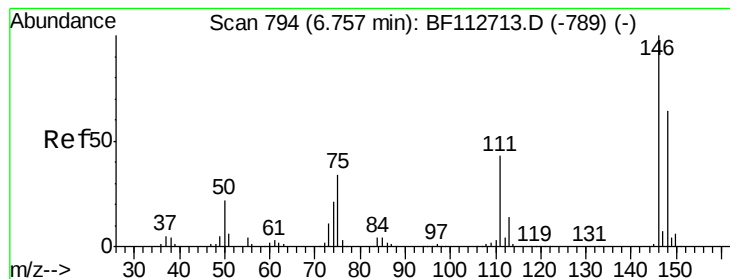
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#12
1,3-Dichlorobenzene
Concen: 38.407 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.9	76.3
75	28.6	26.9	40.3





#13

1,4-Dichlorobenzene

Concen: 39.218 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

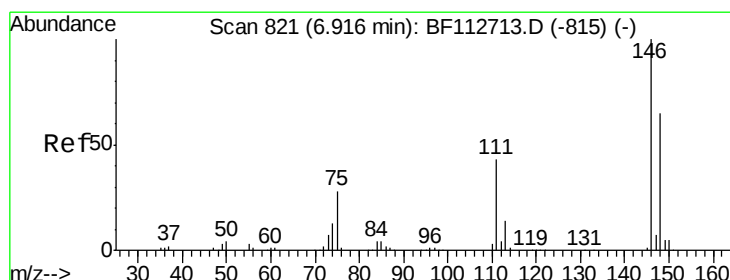
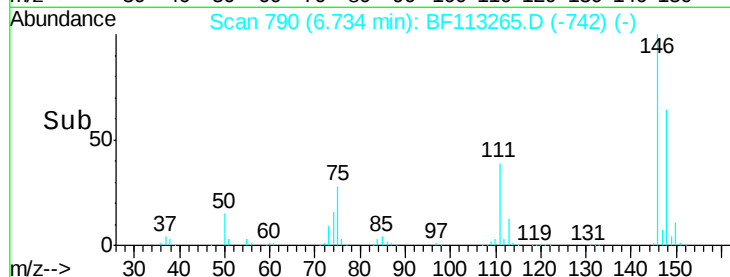
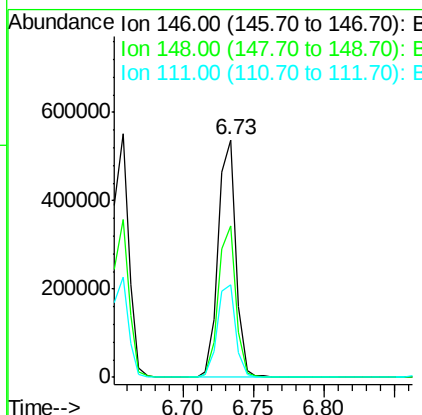
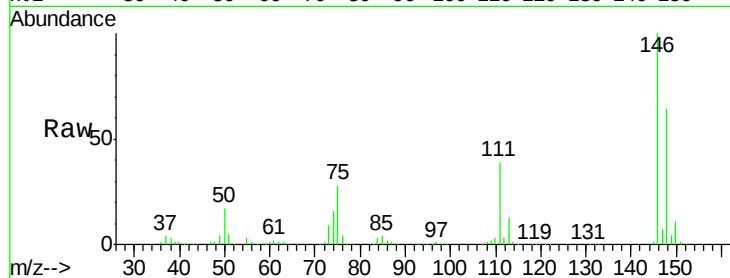
ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:	146	Resp:	472688
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.0	76.4
111	39.0	34.5	51.7

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#14

1,2-Dichlorobenzene

Concen: 39.244 ng

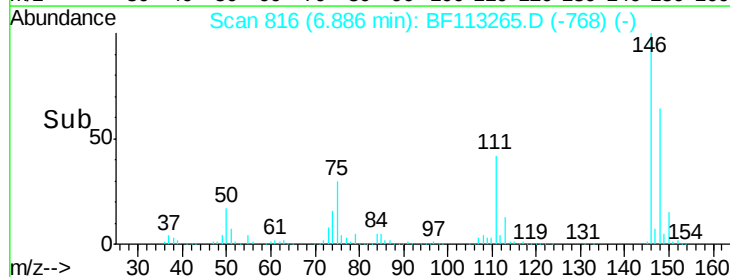
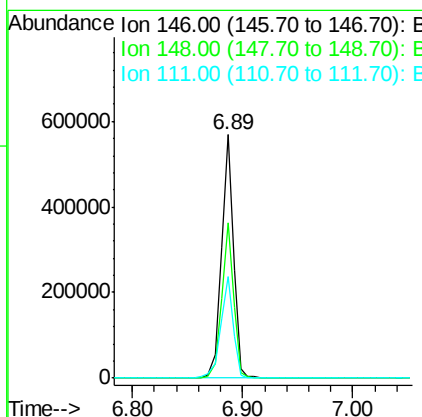
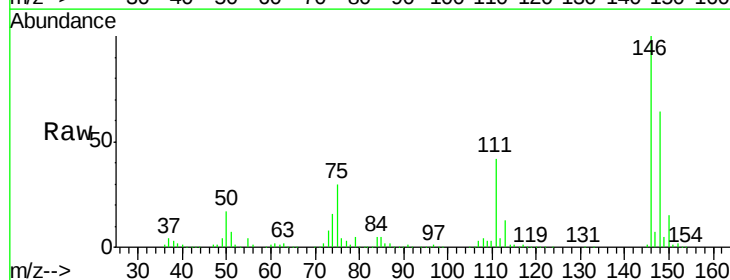
RT: 6.89 min Scan# 816

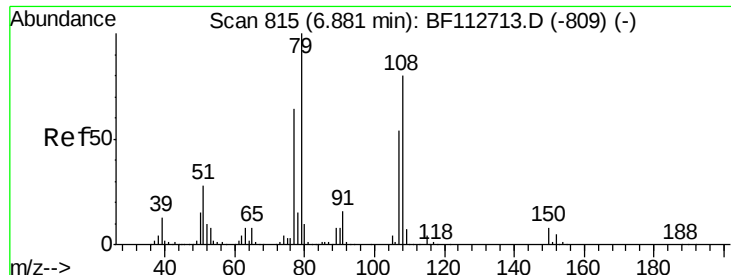
Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Tgt Ion:	146	Resp:	433609
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.0	78.0
111	41.9	34.8	52.2





#15

Benzyl Alcohol

Concen: 36.648 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

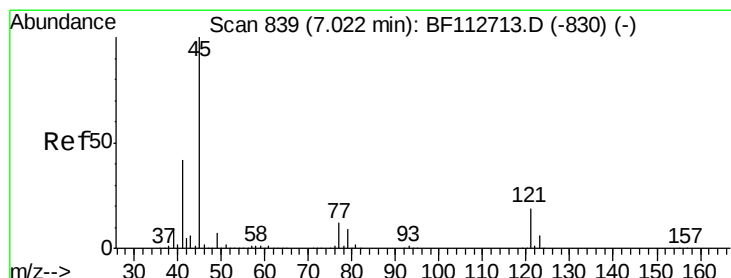
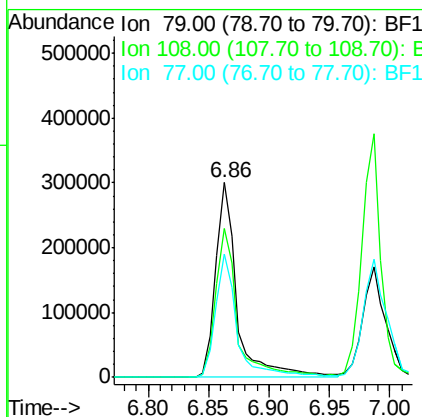
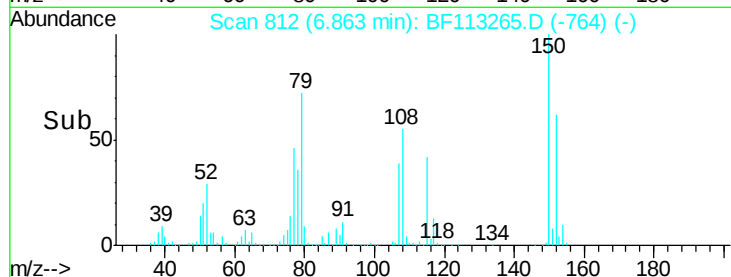
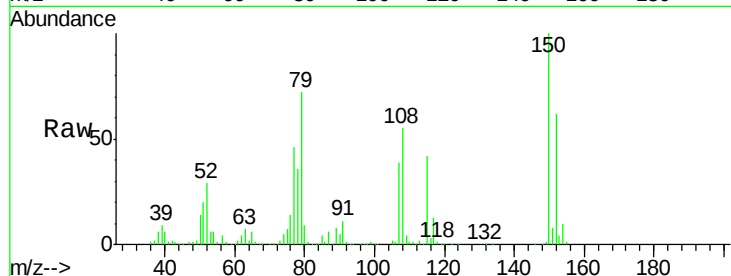
ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:	79	Resp:	366885
Ion Ratio	Lower	Upper	
79	100		
108	76.4	64.2	96.4
77	63.1	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.582 ng

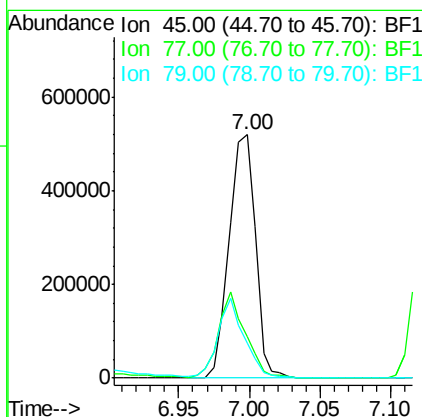
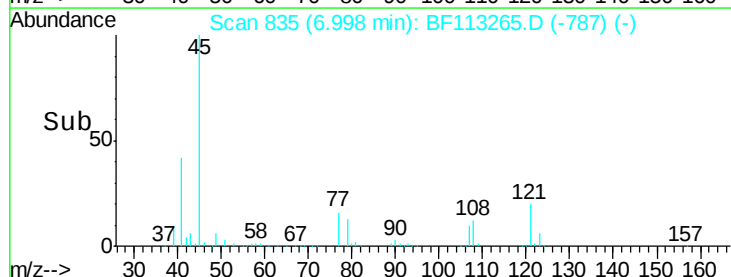
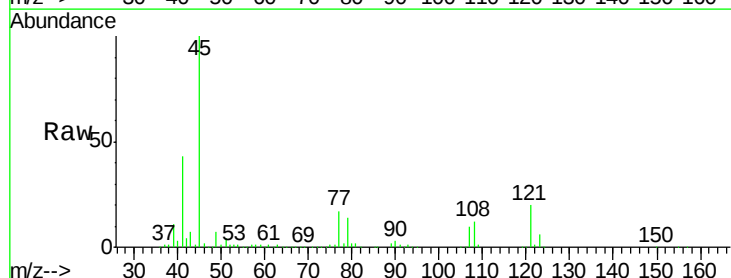
RT: 7.00 min Scan# 835

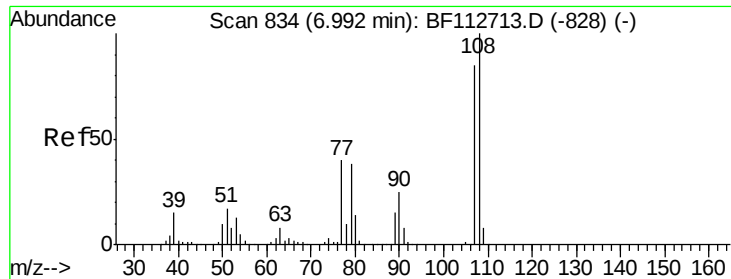
Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Tgt Ion:	45	Resp:	678636
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	32.1
79	14.1	0.0	29.4





#17

2-Methylphenol

Concen: 38.086 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

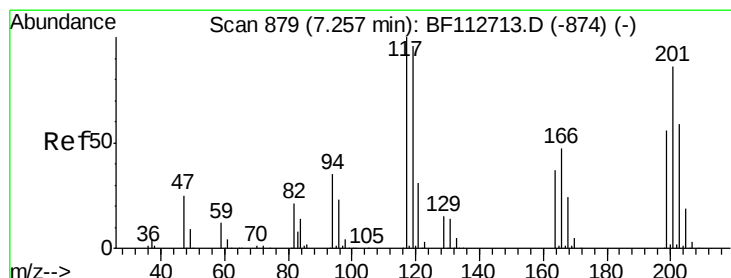
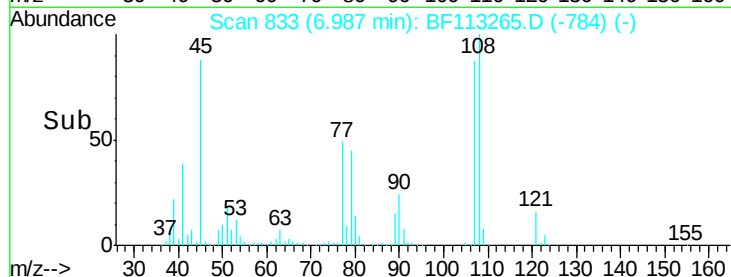
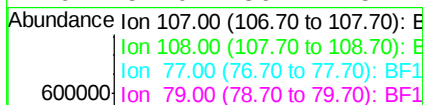
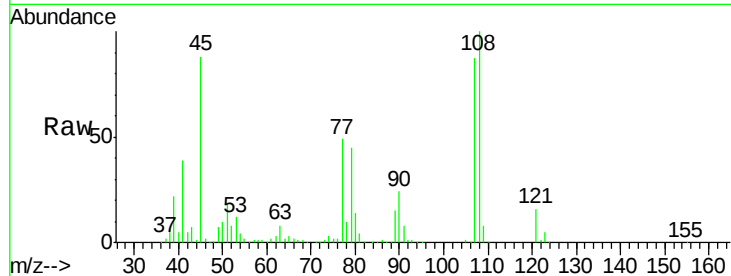
ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:	107	Resp:	359467
Ion Ratio	Lower	Upper	
107	100		
108	115.0	94.6	142.0
77	56.1	37.8	56.8
79	52.0	36.2	54.2

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#18

Hexachloroethane

Concen: 36.762 ng

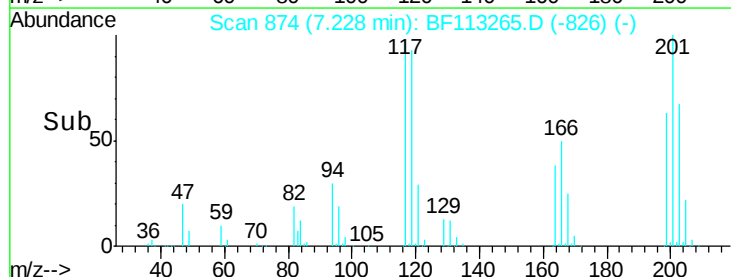
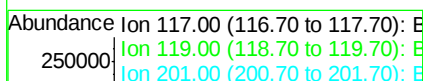
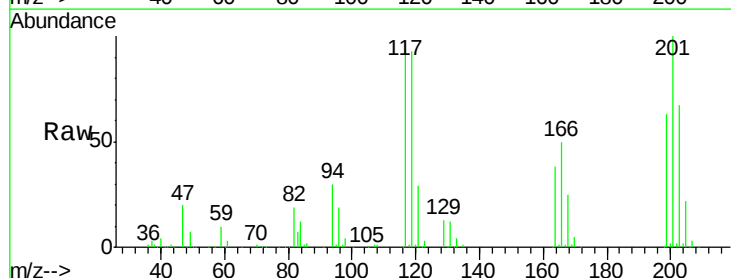
RT: 7.23 min Scan# 874

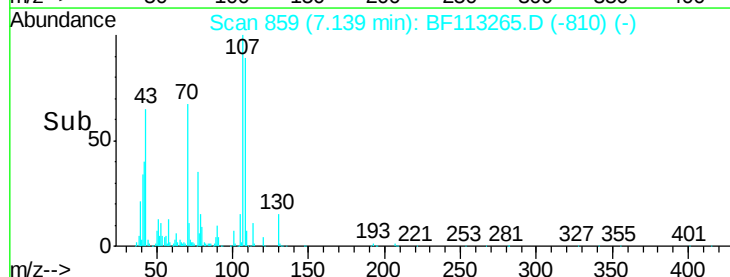
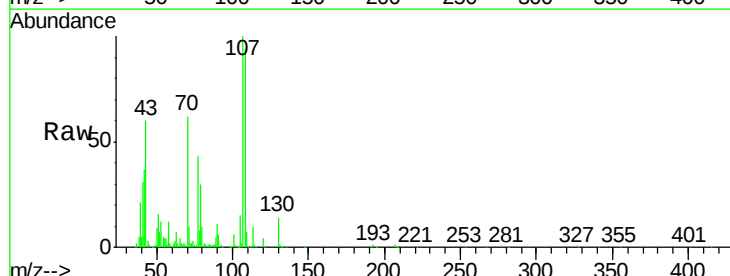
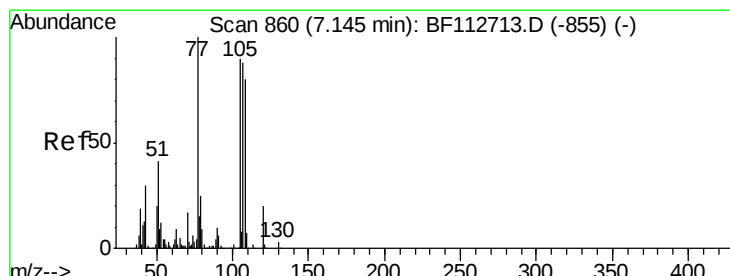
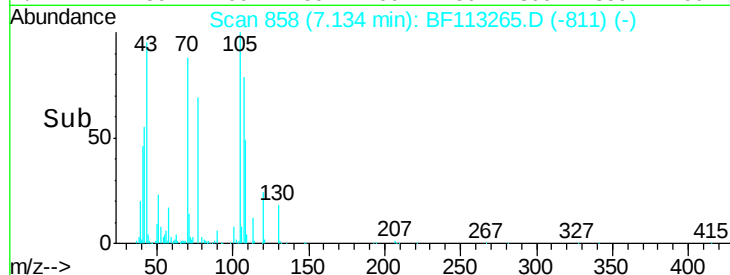
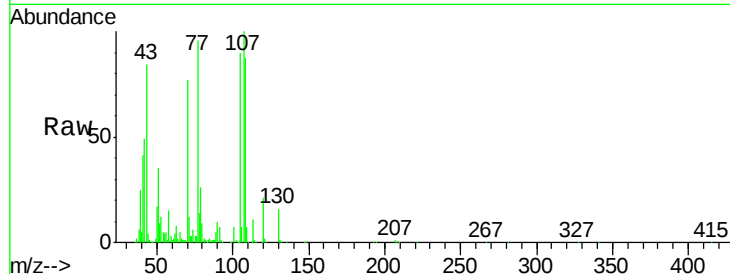
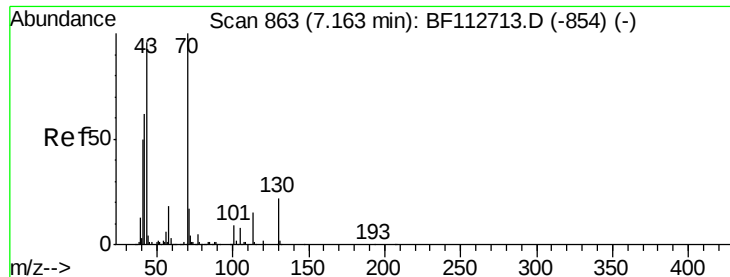
Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

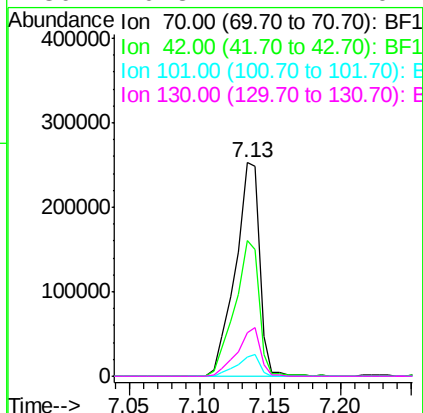
Tgt Ion:	117	Resp:	169726
Ion Ratio	Lower	Upper	
117	100		
119	95.9	76.6	115.0
201	103.2	68.9	103.3





#19
n-Nitroso-di-n-propylamine
Concen: 36.520 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.4	49.9	74.9
101	9.1	7.4	11.2
130	20.3	17.4	26.2



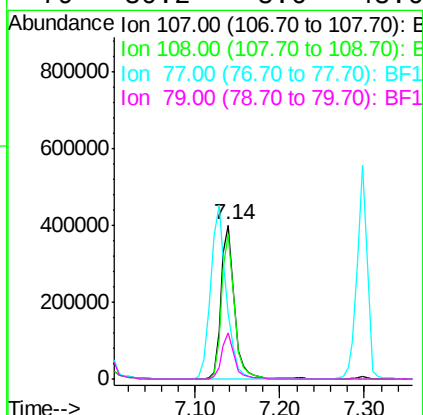
Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

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#20
3+4-Methylphenols
Concen: 41.794 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.1	71.4	111.4
77	42.8	94.1	134.1#
79	30.2	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

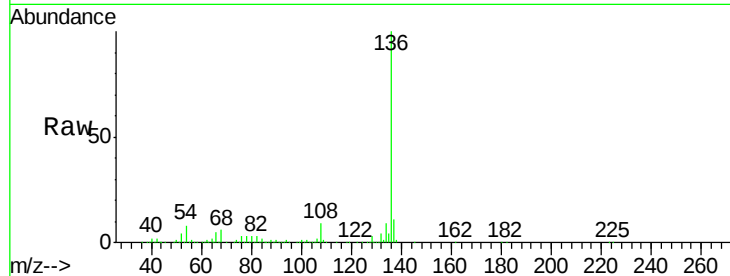
ClientSampleId :

S3B(5-15)COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		607498		
137	11.1	8.9	13.3		
54	7.9	7.3	10.9		
68	5.6	5.4	8.2		

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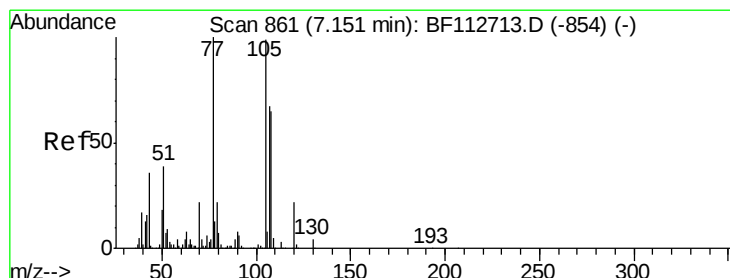
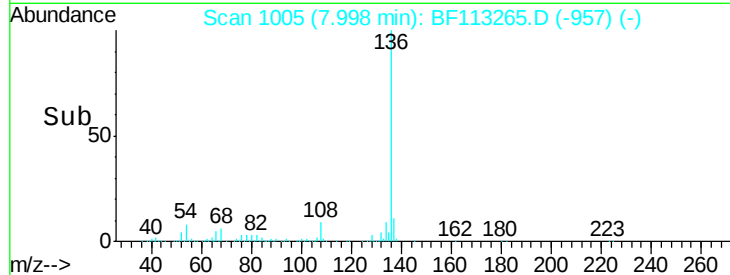
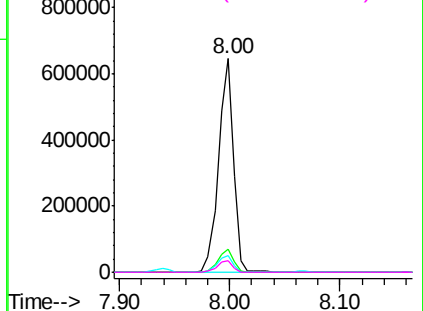


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.795 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

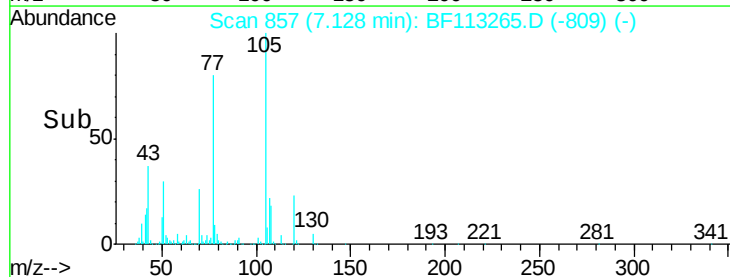
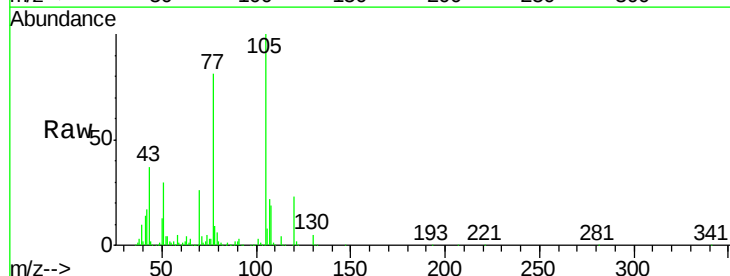
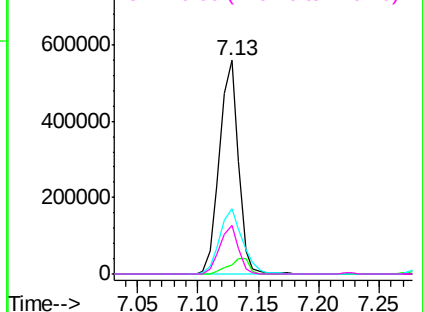
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		607907		
71	4.4	3.0	4.4		
51	30.4	31.5	47.3		
120	22.8	18.1	27.1		

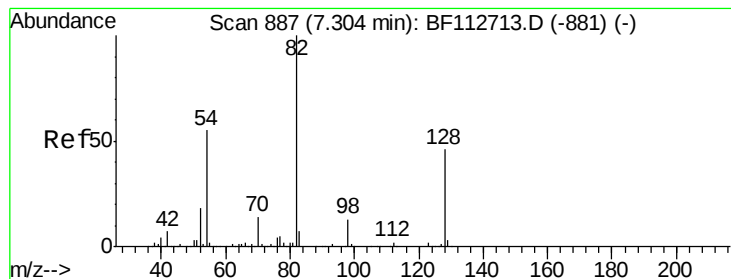
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 100.890 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMPMS

Tot Ion: 82 Resp: 1024279

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

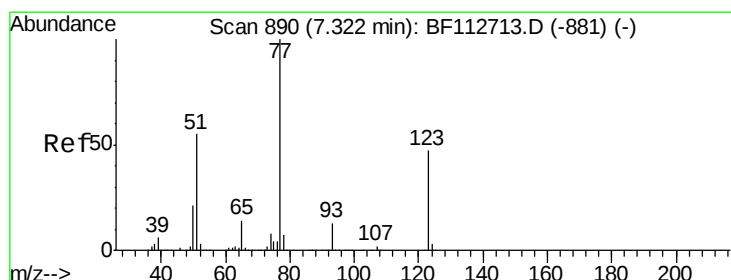
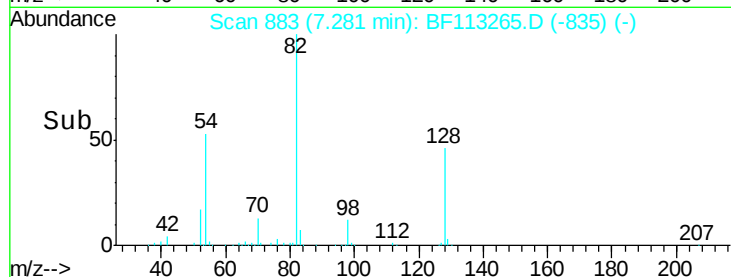
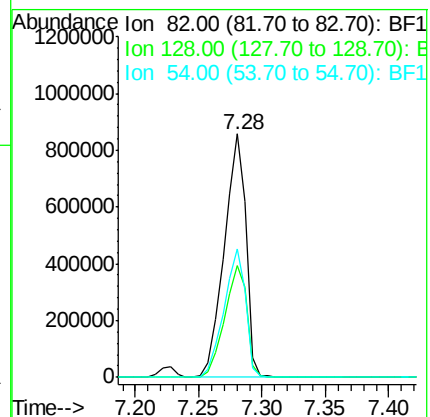
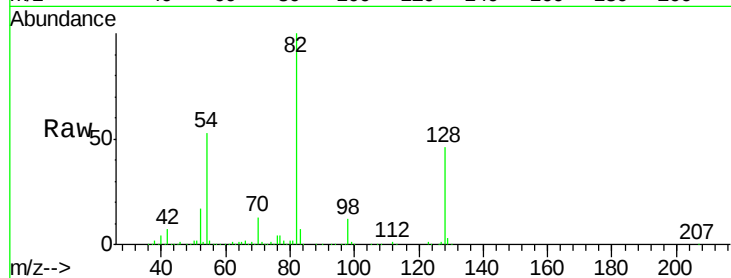
54 52.8 43.7 65.5

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#24

Nitrobenzene

Concen: 41.178 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

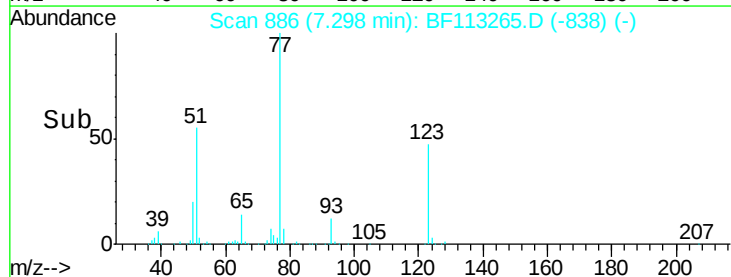
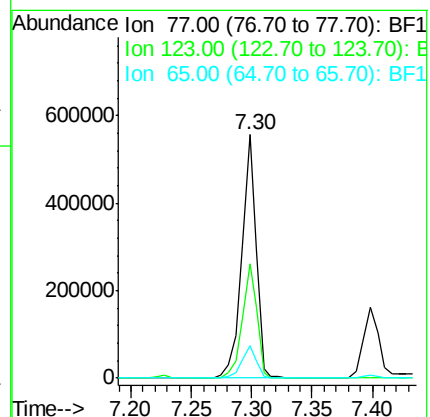
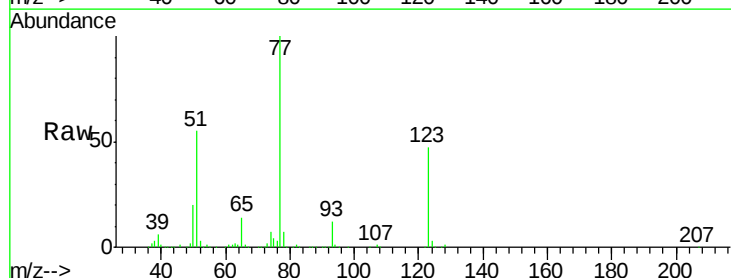
Tgt Ion: 77 Resp: 465295

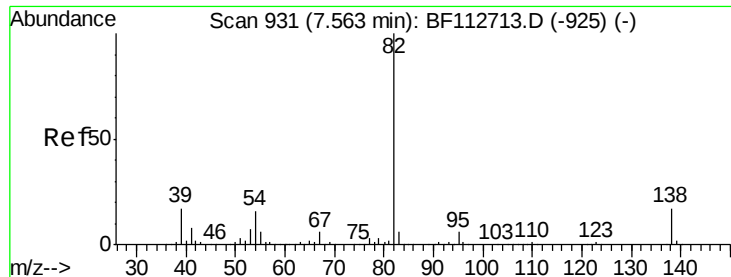
Ion Ratio Lower Upper

77 100

123 46.7 37.8 56.6

65 13.5 11.1 16.7





#25

Isophorone

Concen: 39.880 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

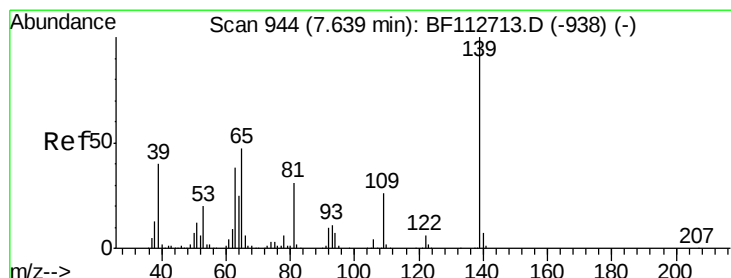
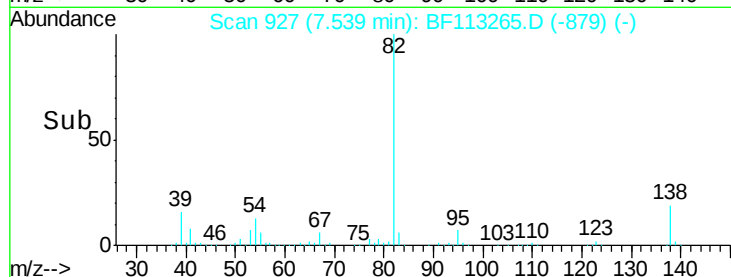
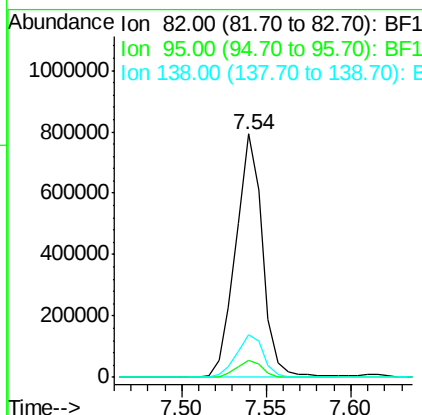
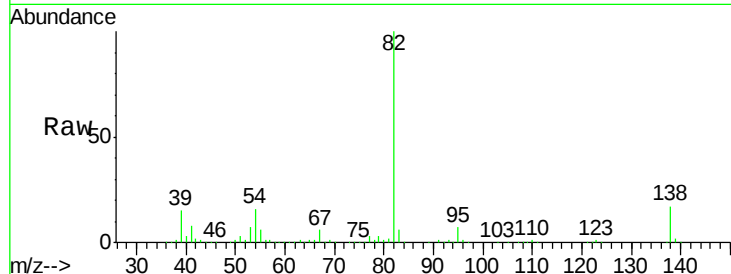
ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:	82	Resp:	872250
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	17.4	13.8	20.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.016 ng

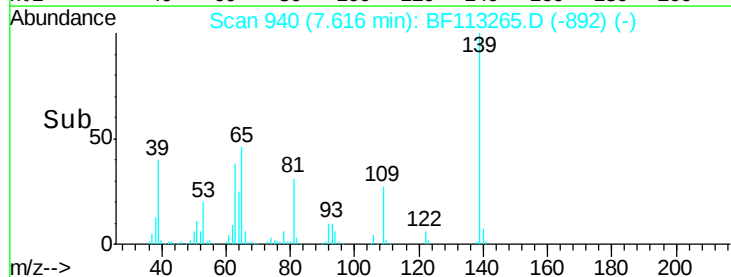
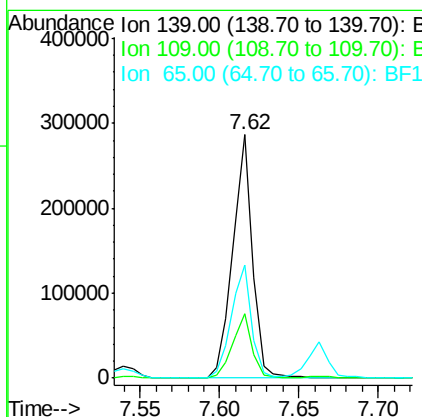
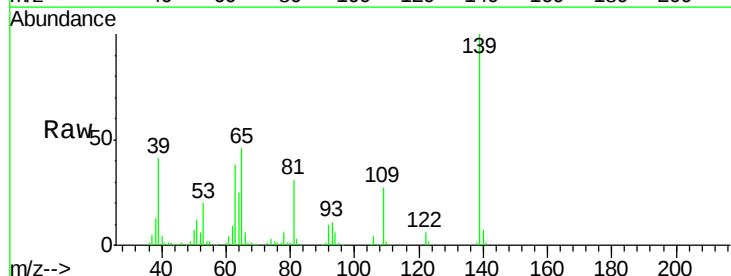
RT: 7.62 min Scan# 940

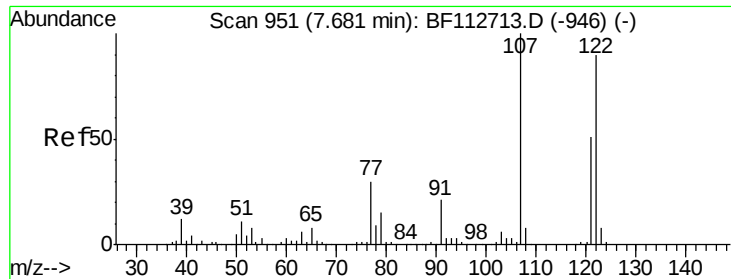
Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Tgt Ion:	139	Resp:	249375
Ion Ratio	Lower	Upper	
139	100		
109	26.6	20.6	31.0
65	46.4	37.9	56.9





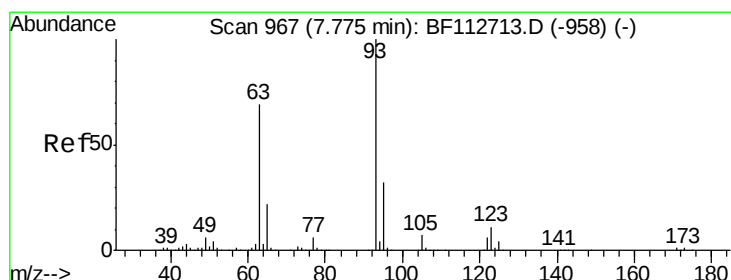
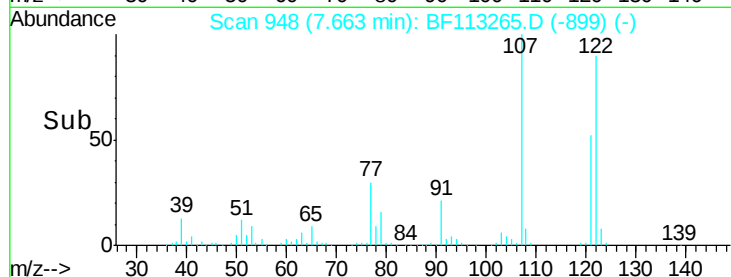
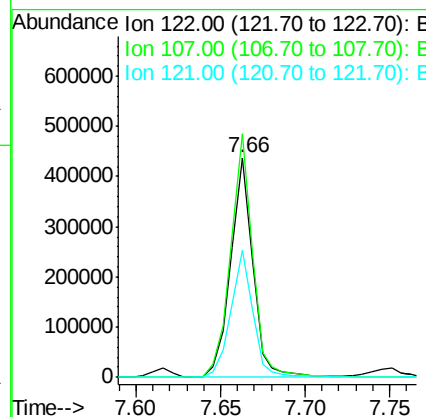
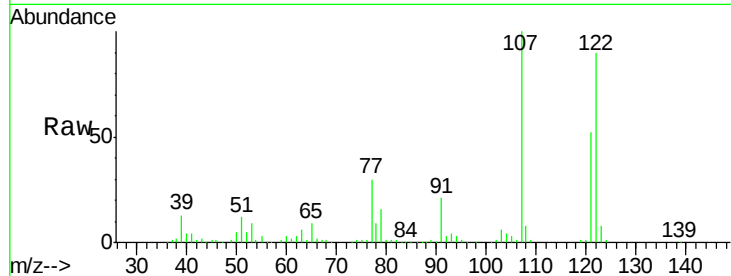
#27
2,4-Dimethylphenol
Concen: 46.124 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.9	89.4	134.0
121	57.7	45.5	68.3

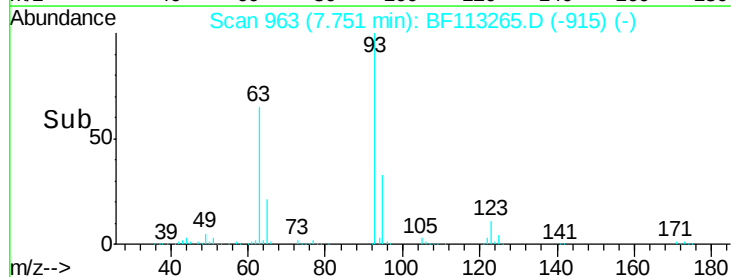
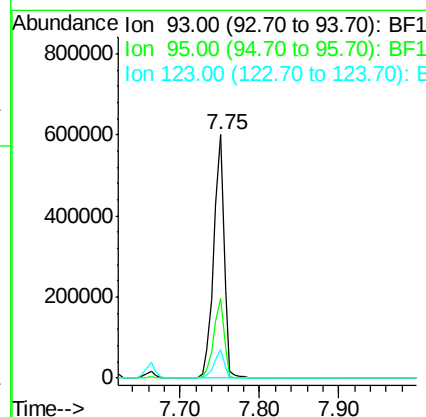
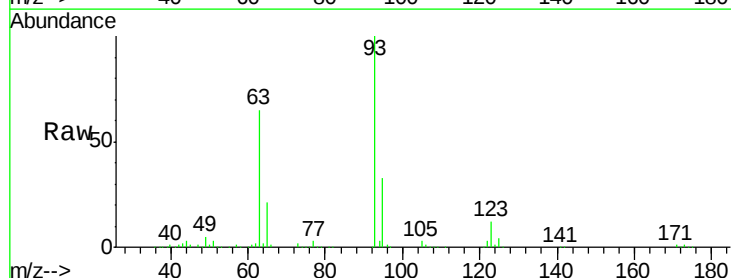
Manual Integrations
APPROVED

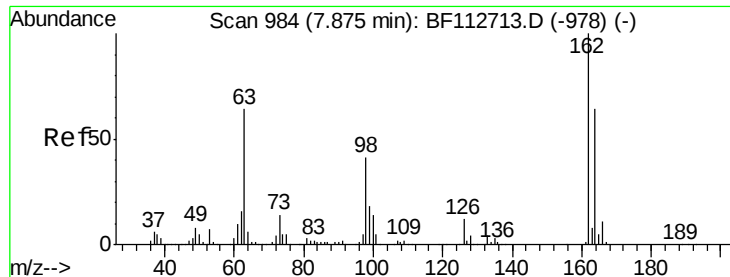
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.453 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	11.5	9.3	13.9





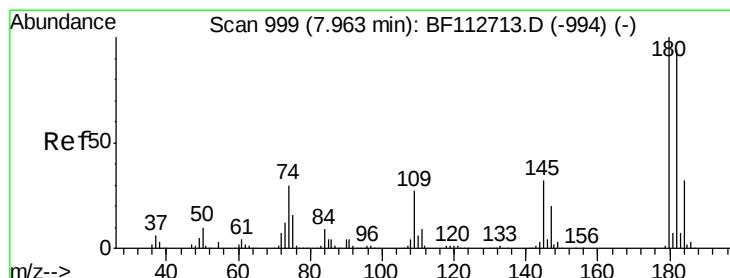
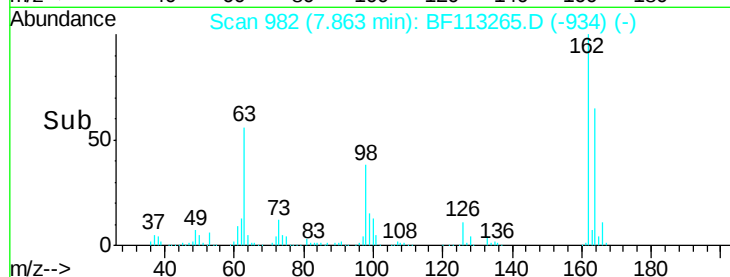
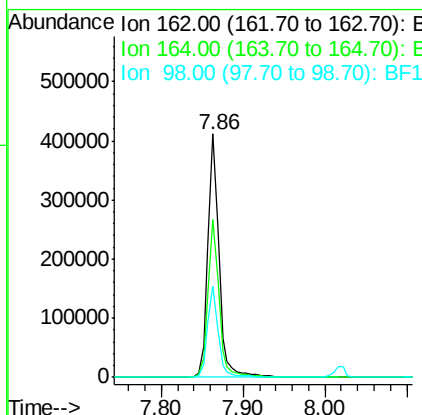
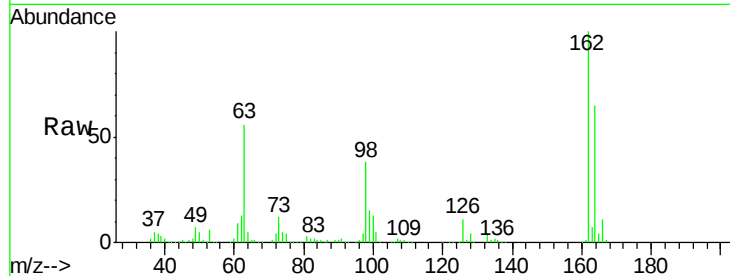
#29
2,4-Dichlorophenol
Concen: 46.124 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	391420		
164	65.1	44.0	84.0	
98	37.7	20.7	60.7	

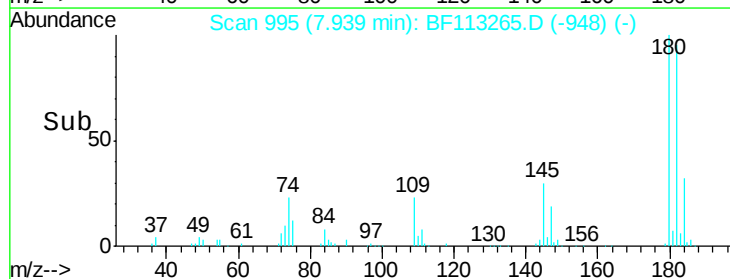
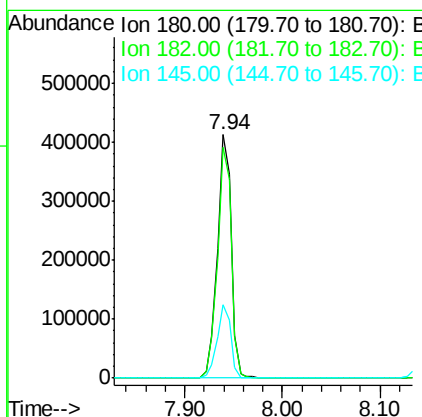
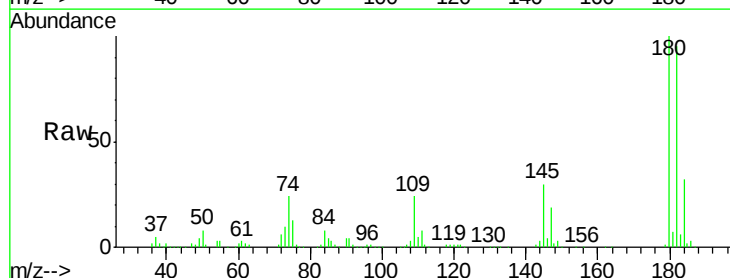
Manual Integrations
APPROVED

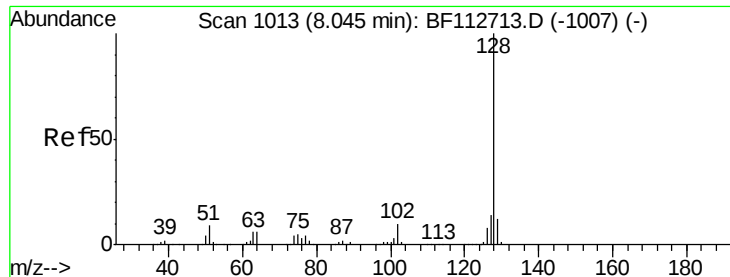
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#30
1,2,4-Trichlorobenzene
Concen: 44.912 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	409526		
182	94.9	75.2	112.8	
145	30.1	25.4	38.0	





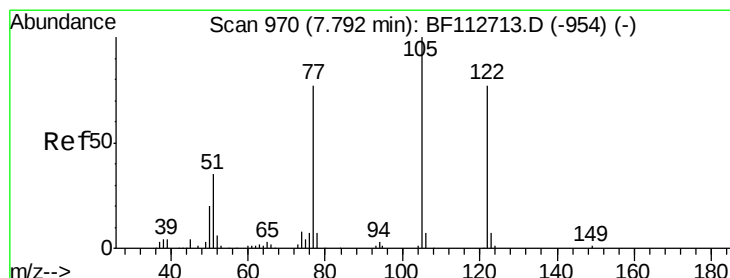
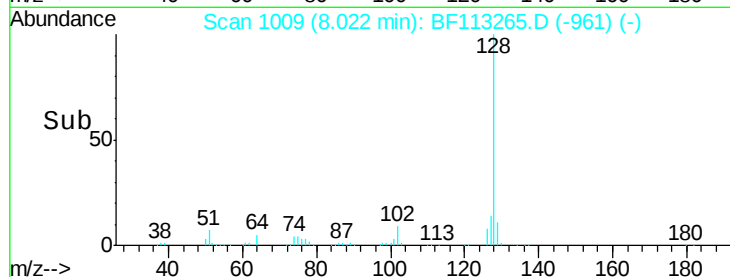
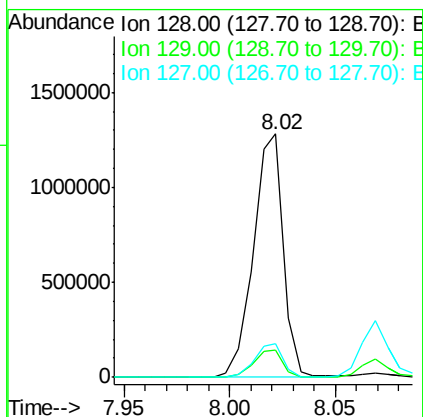
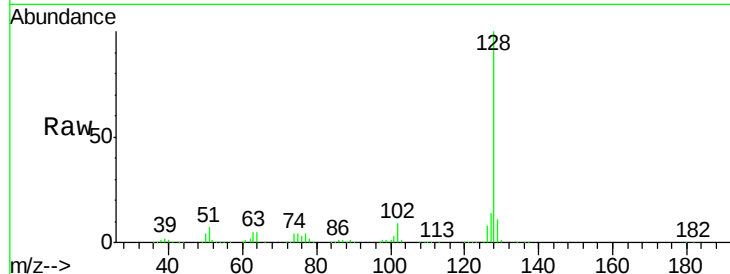
#31
Naphthalene
Concen: 41.795 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion:128 Resp: 1260588
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.6 10.9 16.3

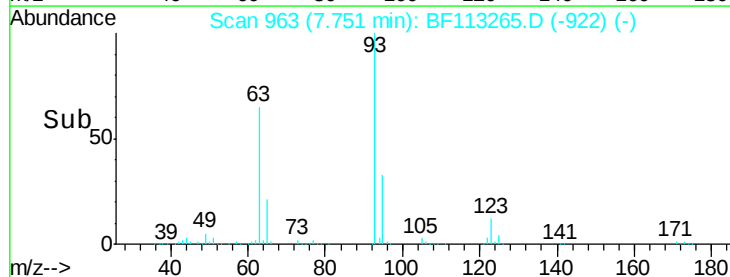
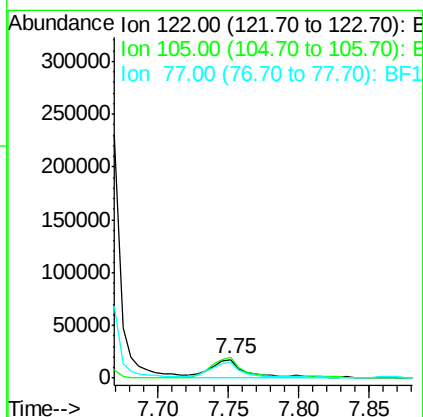
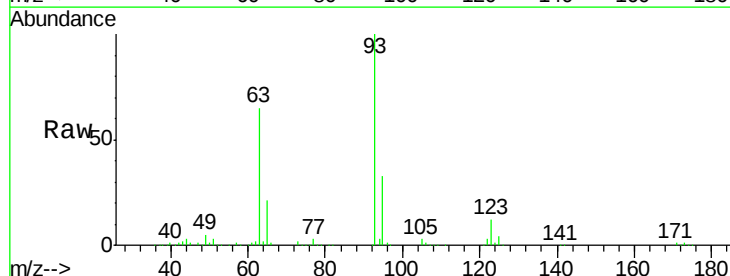
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#32
Benzoic acid
Concen: 4.562 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.06 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion:122 Resp: 27982
Ion Ratio Lower Upper
122 100
105 113.1 106.8 146.8
77 85.4 79.4 119.4





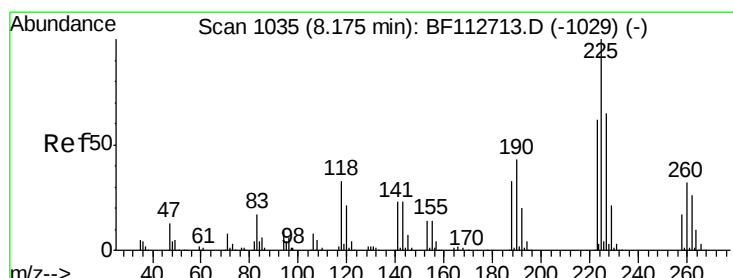
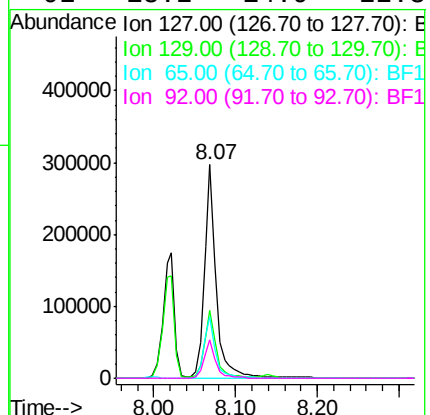
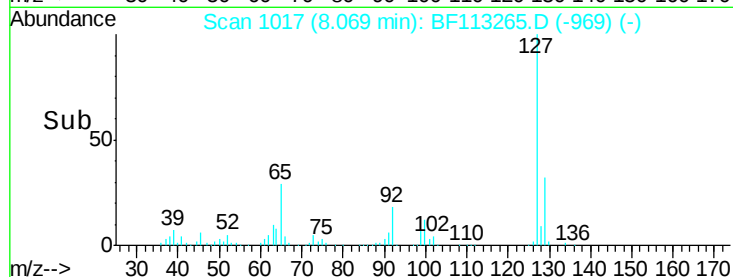
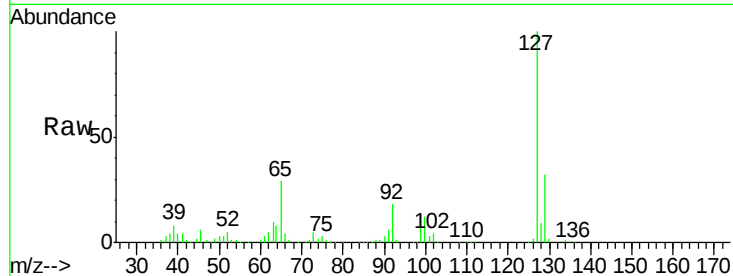
#33
4-Chloroaniline
Concen: 23.269 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	297249		
129	32.0	26.4	39.6	
65	28.8	23.1	34.7	
92	18.2	14.9	22.3	

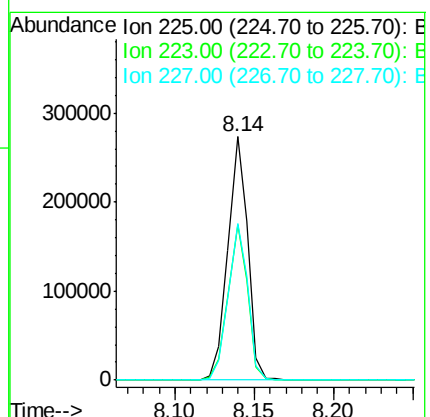
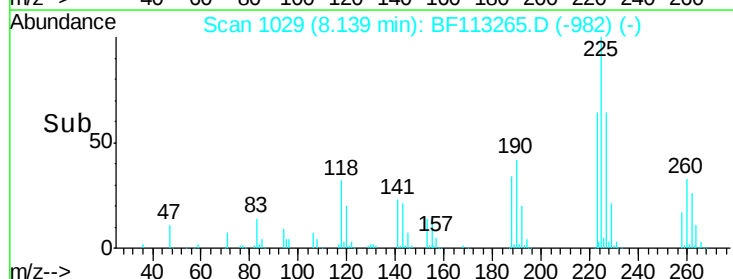
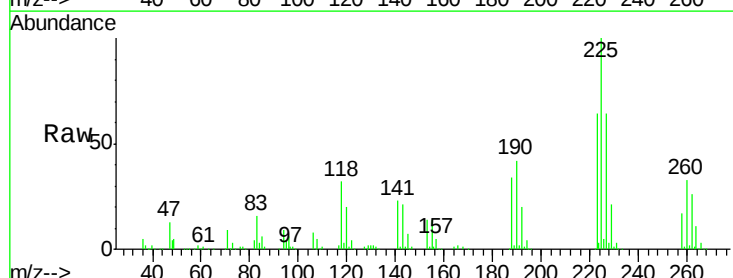
Manual Integrations
APPROVED

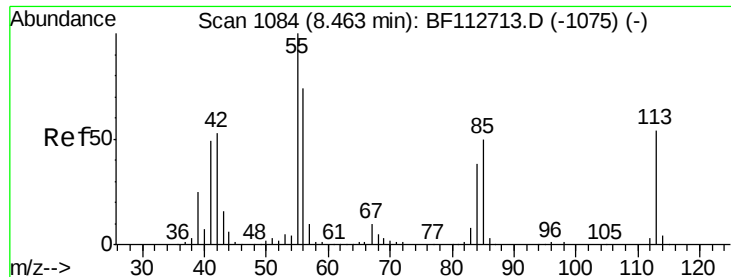
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#34
Hexachlorobutadiene
Concen: 46.103 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	237080		
223	63.8	49.7	74.5	
227	64.2	52.1	78.1	





#35

Caprolactam

Concen: 43.344 ng/mL

RT: 8.45 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

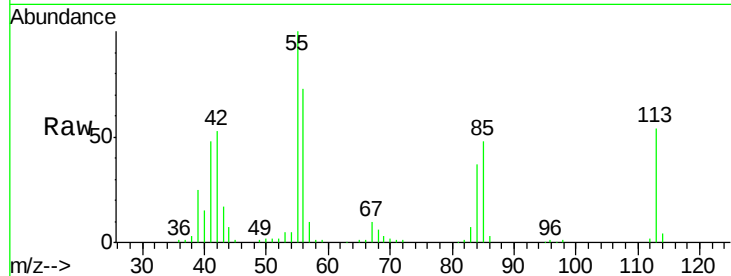
ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:	113	Resp:	129550
Ion Ratio	Lower	Upper	
113	100		
55	183.8	163.5	203.5
56	134.8	115.3	155.3

Manual Integrations
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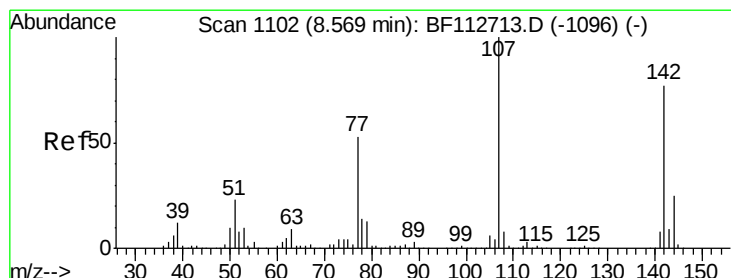
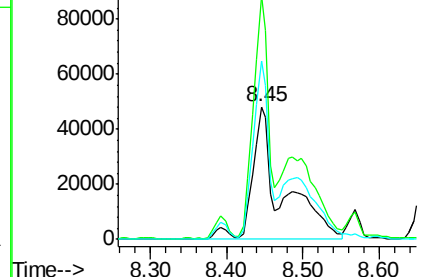
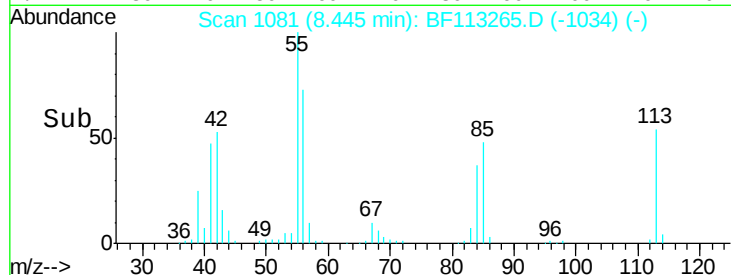
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.316 ng/mL

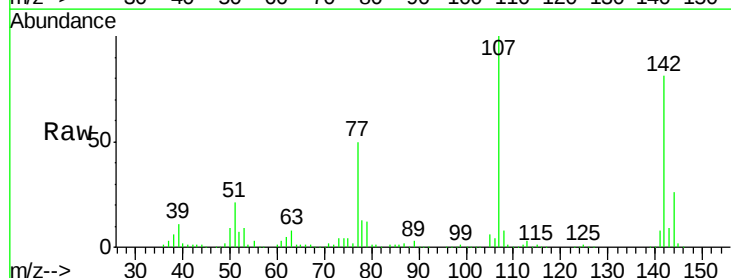
RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

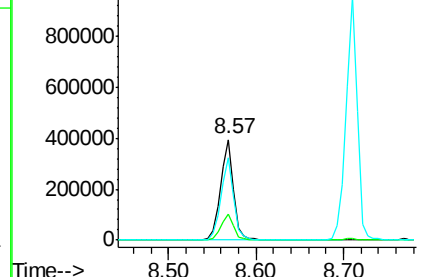
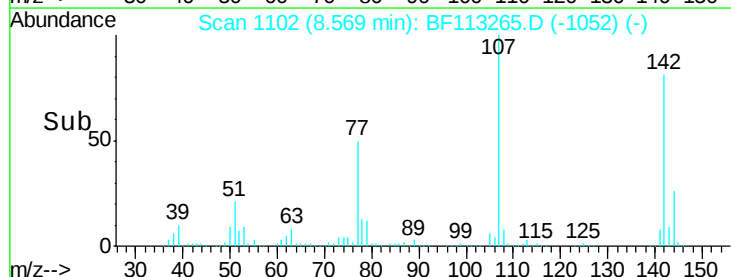
Tgt Ion:	107	Resp:	406810
Ion Ratio	Lower	Upper	
107	100		
144	26.1	20.1	30.1
142	81.3	61.9	92.9

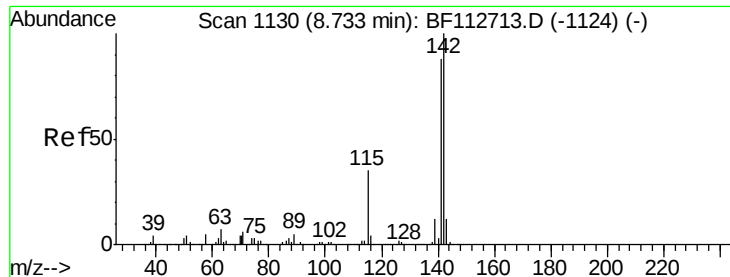


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





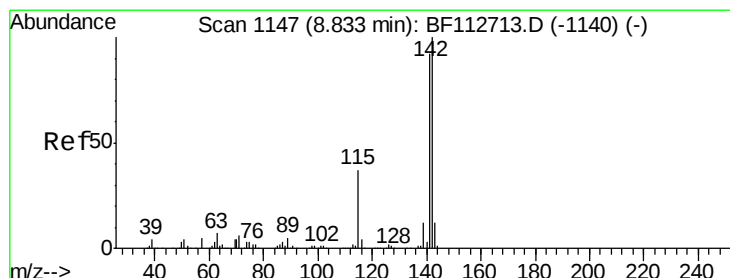
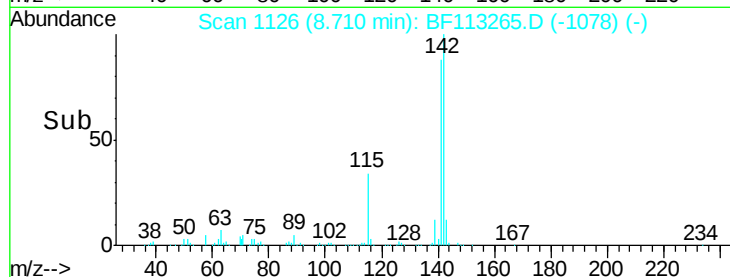
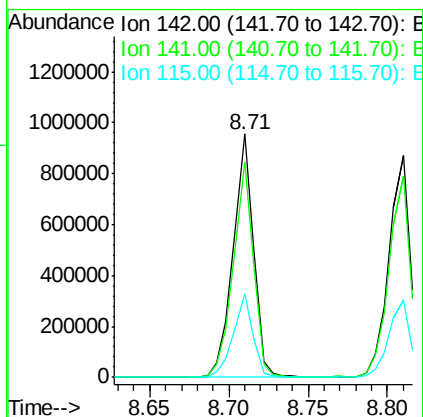
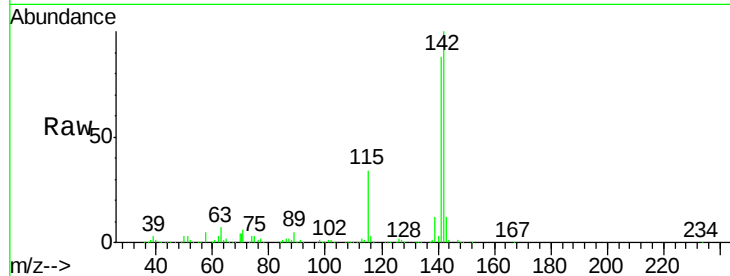
#37
2-Methylnaphthalene
Concen: 44.220 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	34.1	27.8	41.6

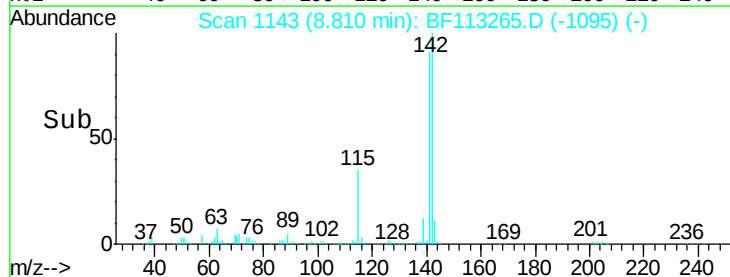
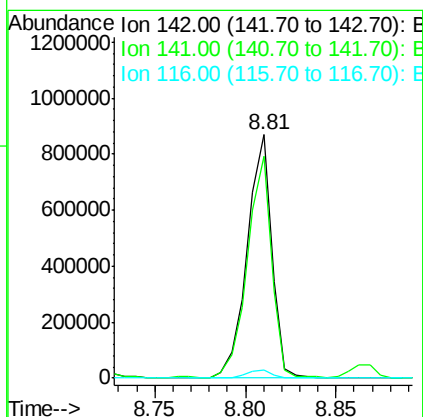
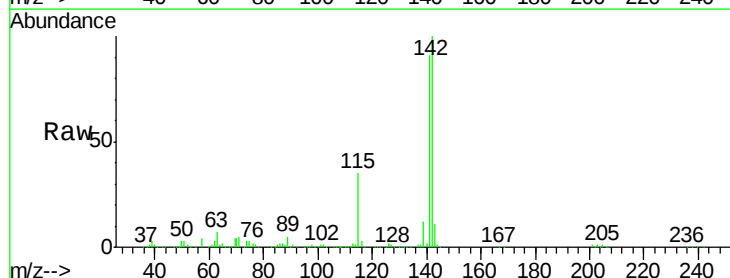
Manual Integrations
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#38
1-Methylnaphthalene
Concen: 43.131 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.7	110.5
116	3.5	3.1	4.7





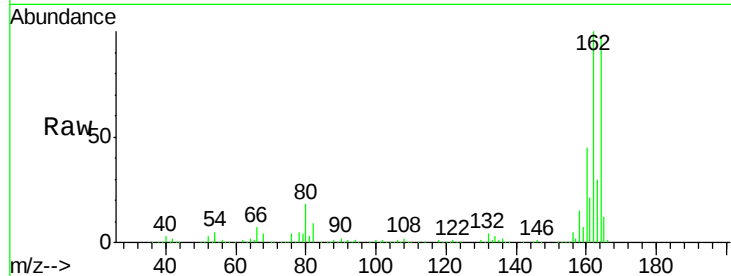
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.6	120.8
160	46.4	36.0	54.0

Manual Integrations
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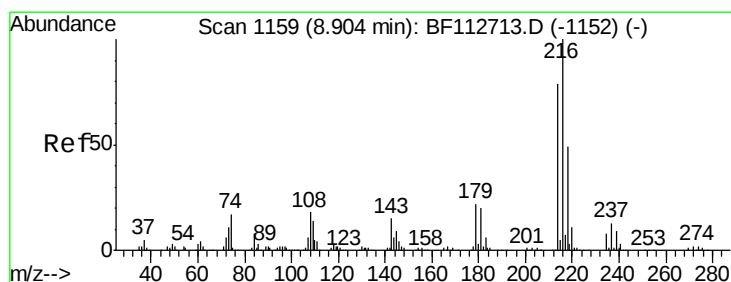
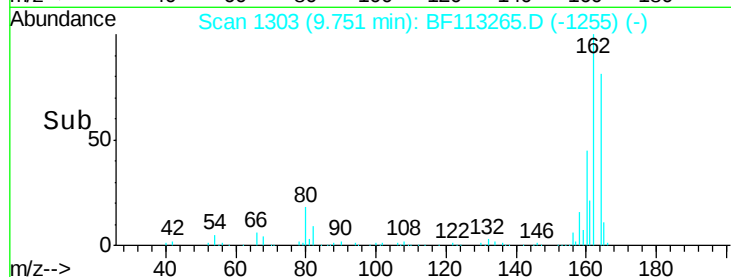
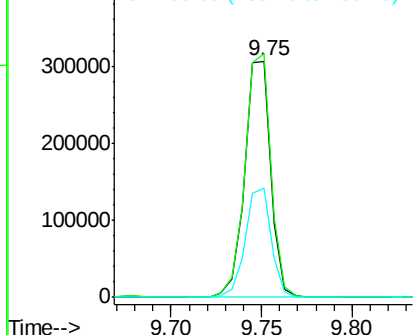


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.861 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	20.5	17.5	26.3
108	18.8	16.7	25.1

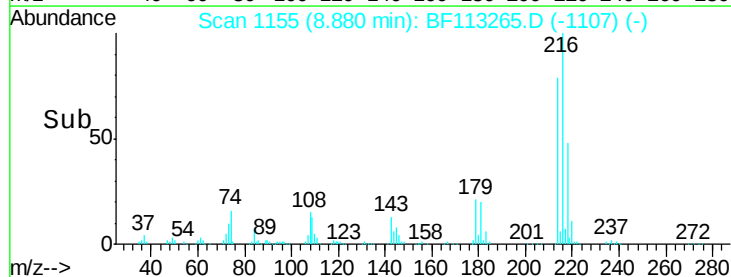
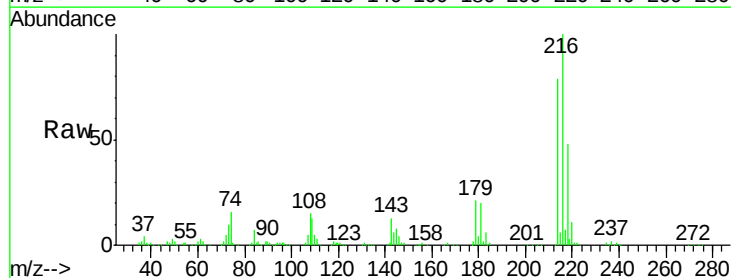
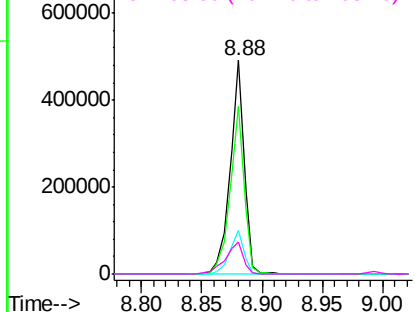
Abundance

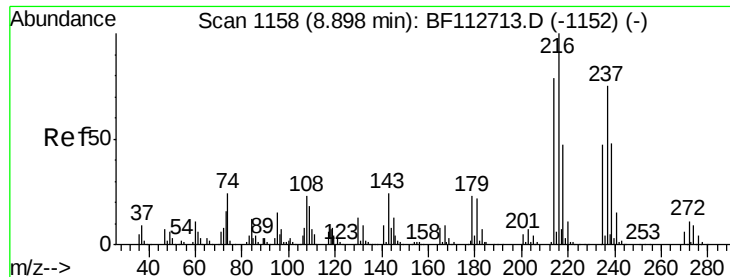
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.756 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

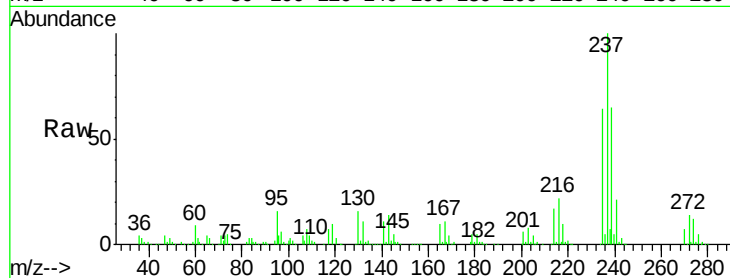
ClientSampleId :

S3B(5-15)COMPMS

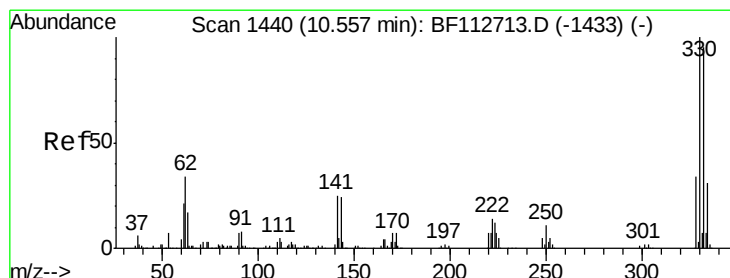
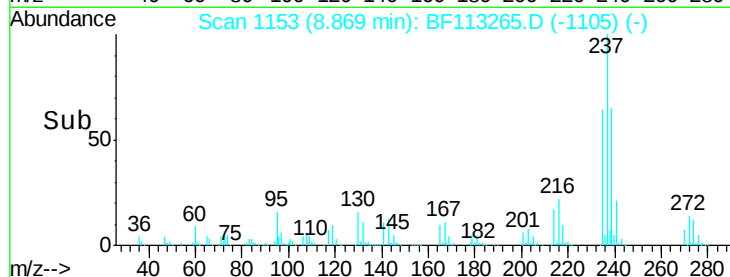
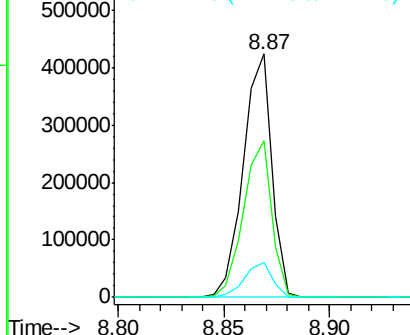
Tot Ion:	237	Resp:	397835
Ion Ratio	Lower	Upper	
237	100		
235	64.1	42.2	82.2
272	14.5	0.0	34.0

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: 170.239 ng

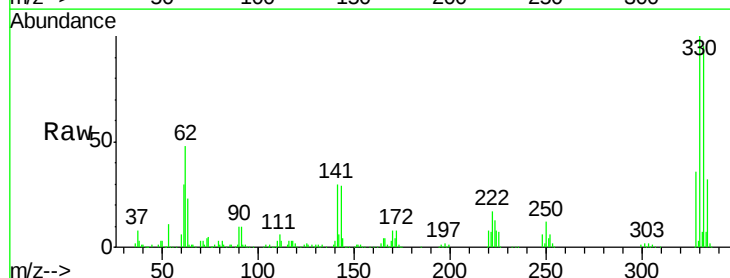
RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

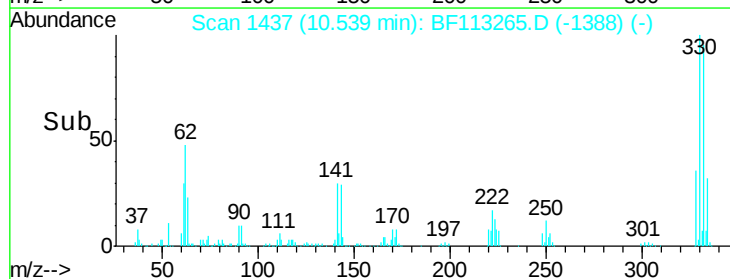
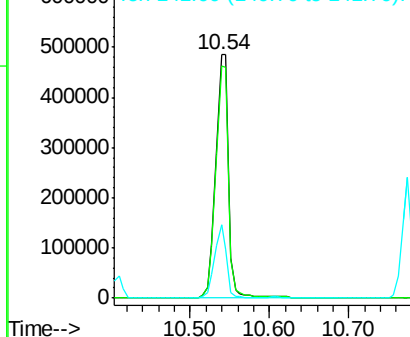
Lab File: BF113265.D

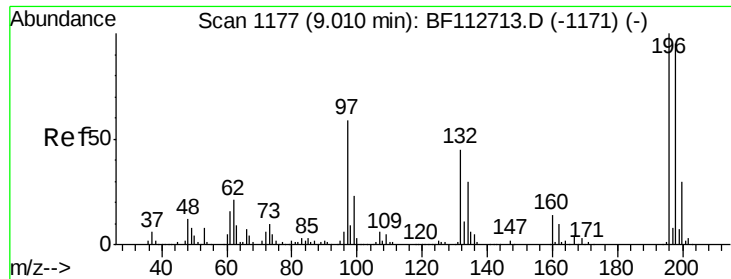
Acq: 24 Mar 2019 13:55

Tgt Ion:	330	Resp:	550743
Ion Ratio	Lower	Upper	
330	100		
332	94.4	76.2	114.4
141	27.7	27.0	40.6



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





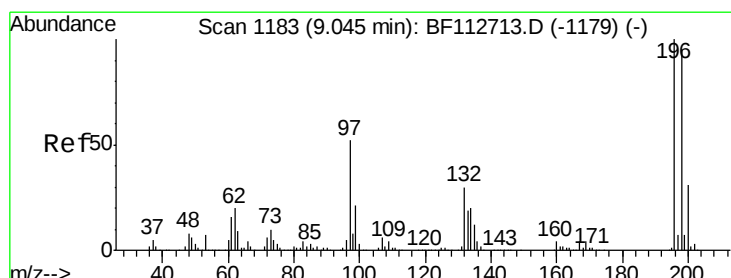
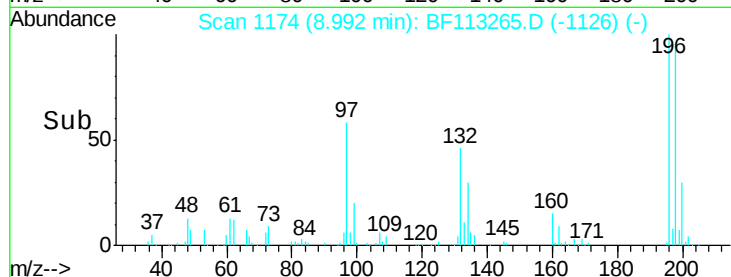
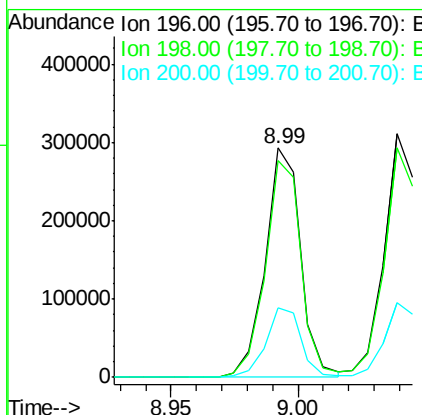
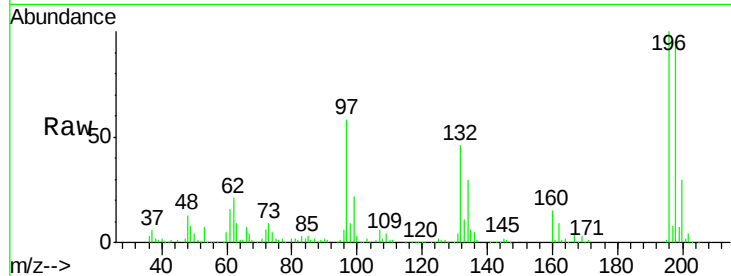
#43
 2,4,6-Trichlorophenol
 Concen: 46.800 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF113265.D
 Acq: 24 Mar 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	286222		
198	94.6	75.8	113.8	
200	30.1	24.3	36.5	

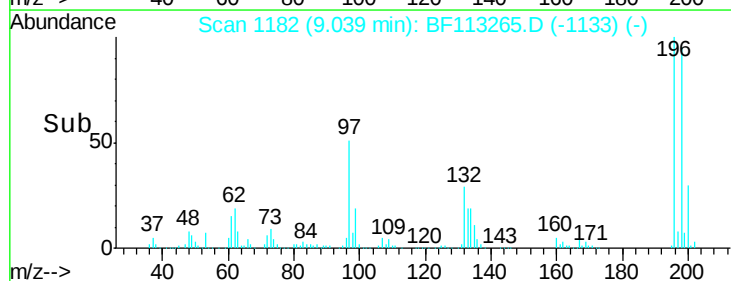
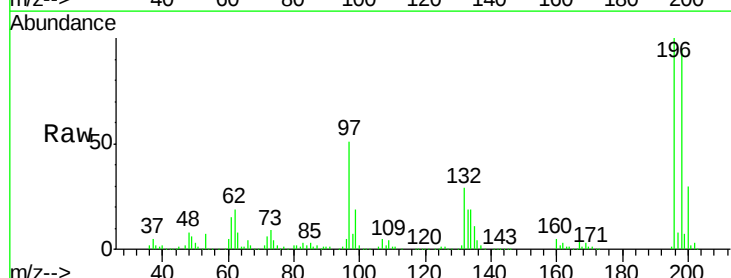
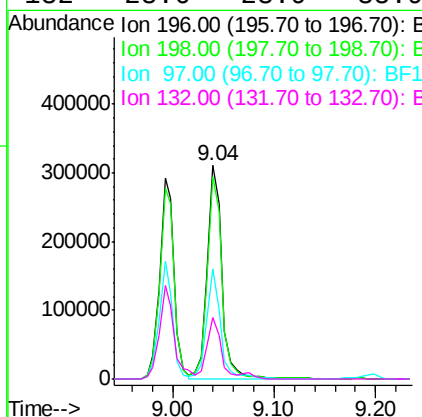
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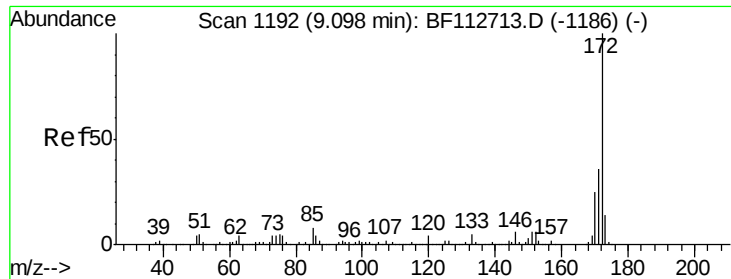
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#44
 2,4,5-Trichlorophenol
 Concen: 46.889 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113265.D
 Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	309956		
198	94.5	76.2	114.2	
97	51.3	41.5	62.3	
132	28.6	23.9	35.9	





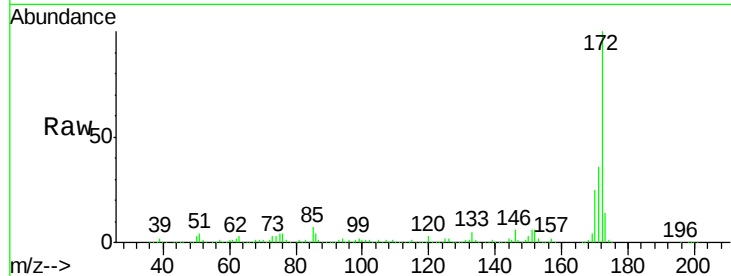
#45
2-Fluorobiphenyl
Concen: 102.733 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

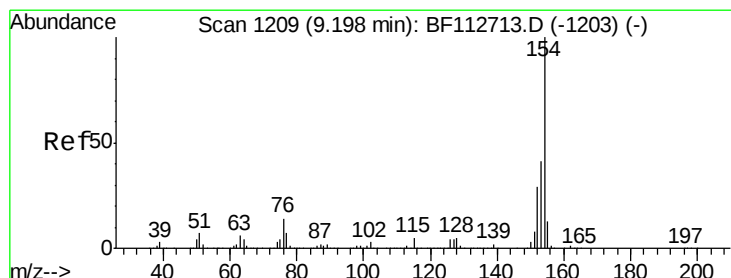
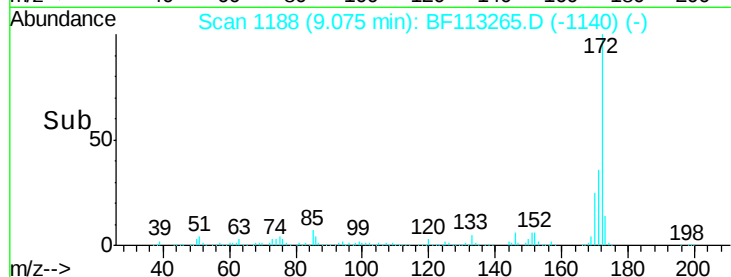
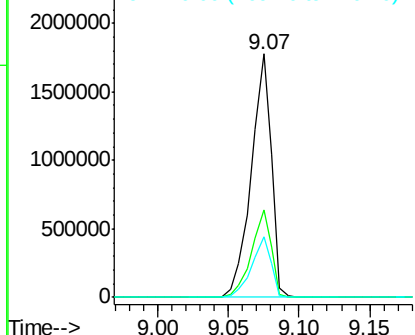
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.7	20.0	30.0

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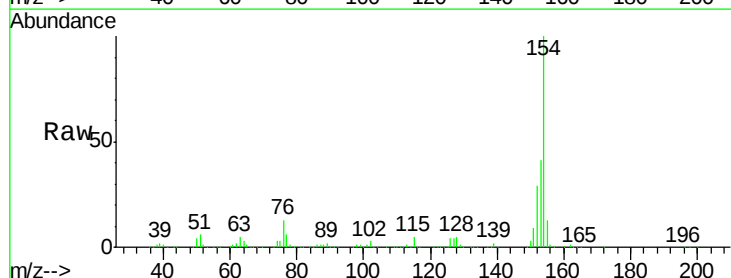


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

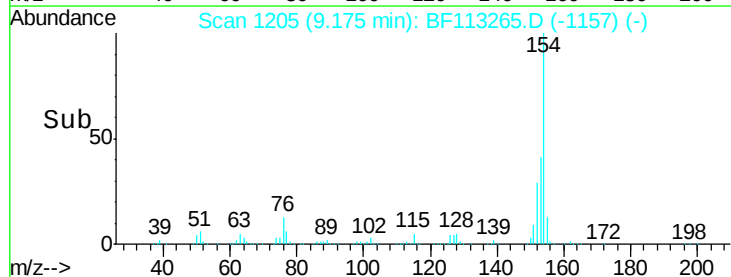
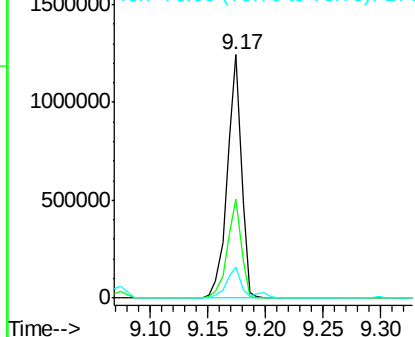


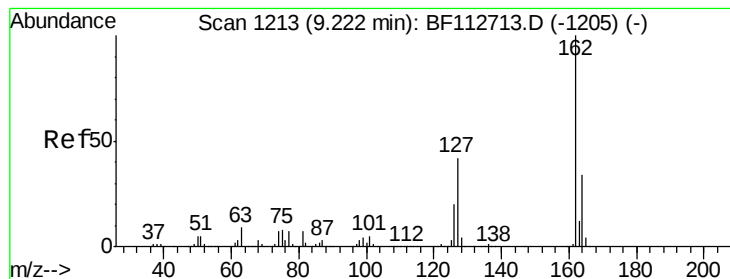
#46
1,1'-Biphenyl
Concen: 42.268 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	12.5	0.0	33.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 41.969 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

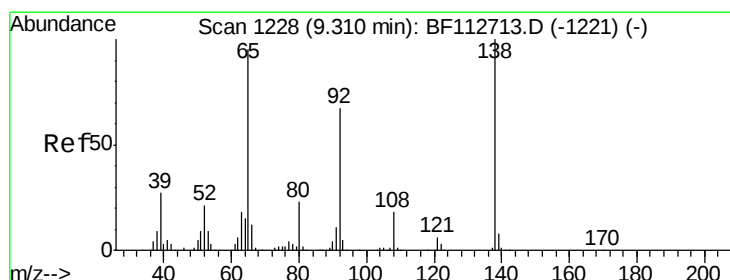
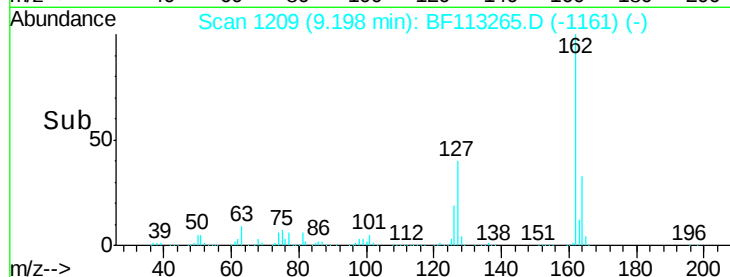
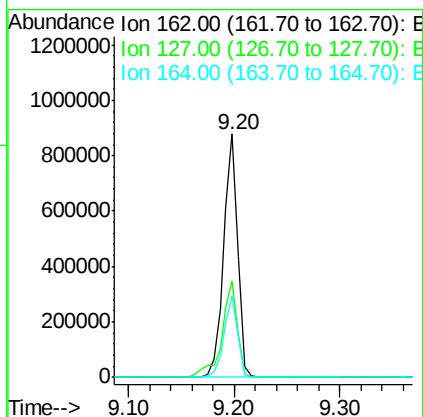
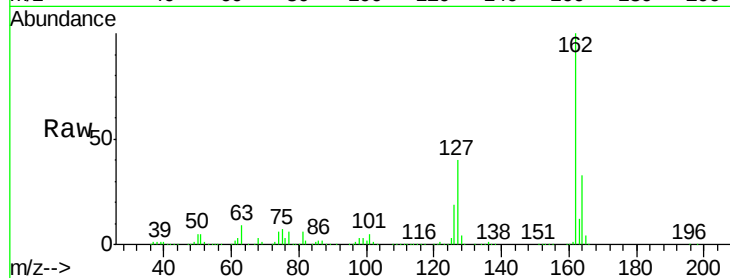
ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:	162	Resp:	814536
Ion Ratio	Lower	Upper	
162	100		
127	39.8	33.4	50.2
164	33.3	26.9	40.3

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#48

2-Nitroaniline

Concen: 45.628 ng

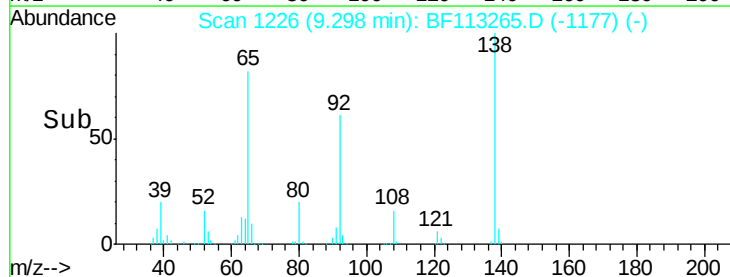
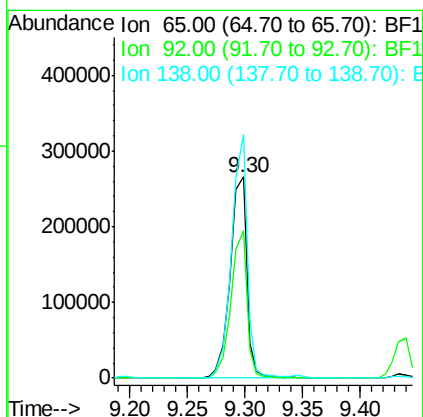
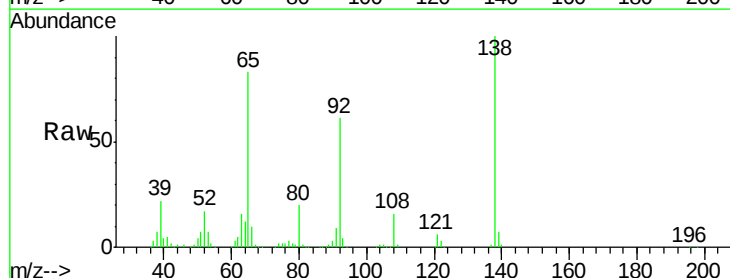
RT: 9.30 min Scan# 1226

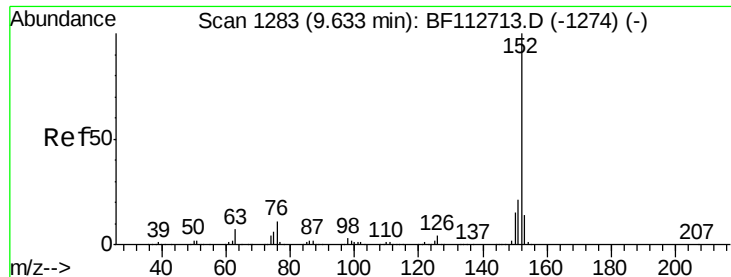
Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Tgt Ion:	65	Resp:	269168
Ion Ratio	Lower	Upper	
65	100		
92	73.4	56.4	84.6
138	121.0	84.6	126.8





#49

Acenaphthylene

Concen: 40.047 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:152 Resp: 1319498

Ion Ratio Lower Upper

152 100

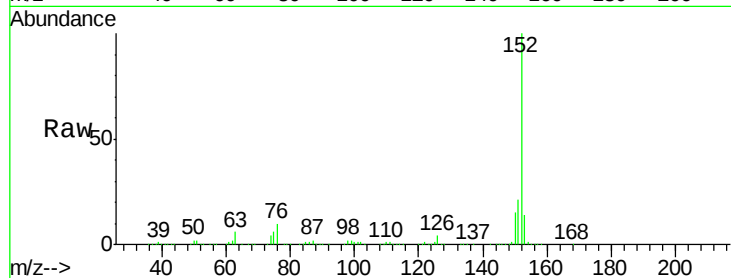
151 20.8 16.9 25.3

153 13.8 11.0 16.6

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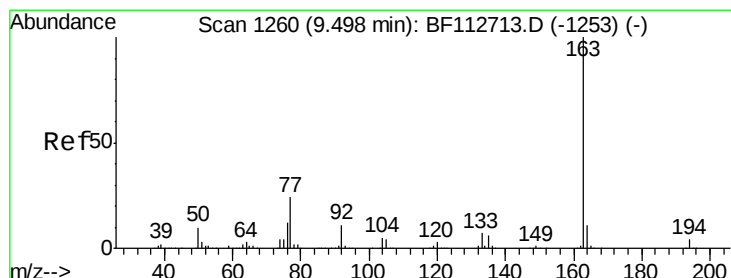
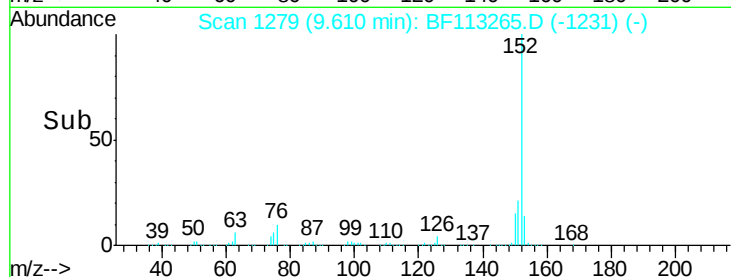
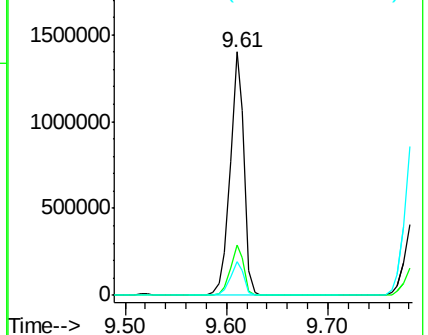
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.426 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

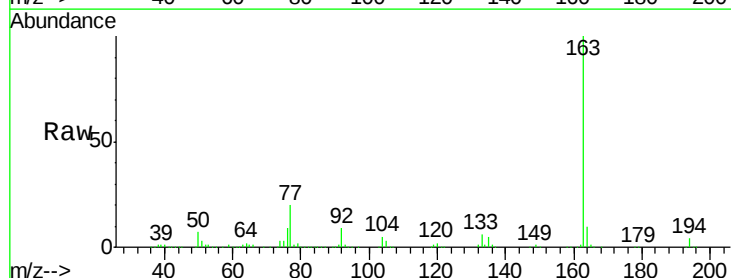
Tgt Ion:163 Resp: 1088109

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

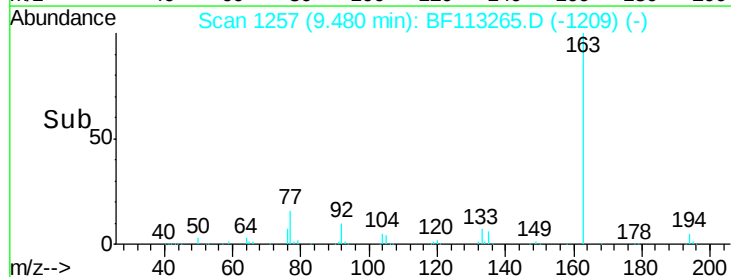
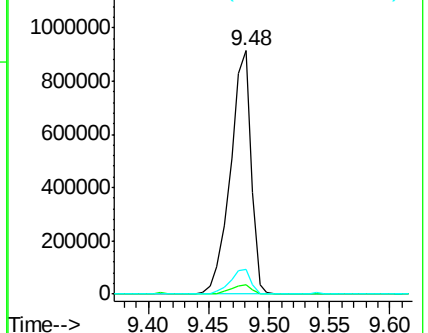
164 10.2 8.4 12.6

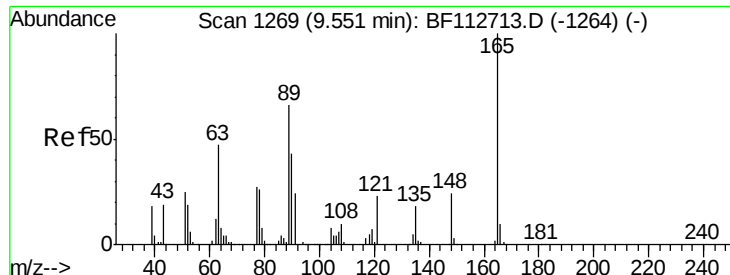


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





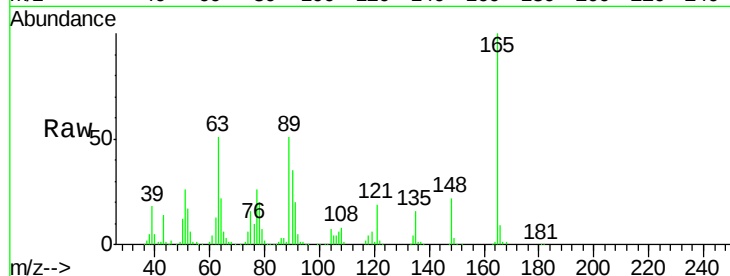
#51
 2,6-Dinitrotoluene
 Concen: 48.275 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF113265.D
 Acq: 24 Mar 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	225882		
63	51.0		54.1	81.1#
89	51.1		52.8	79.2#

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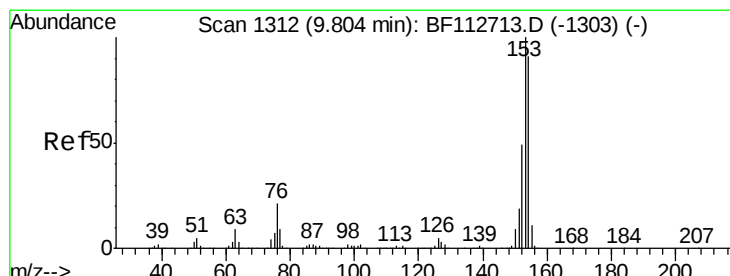
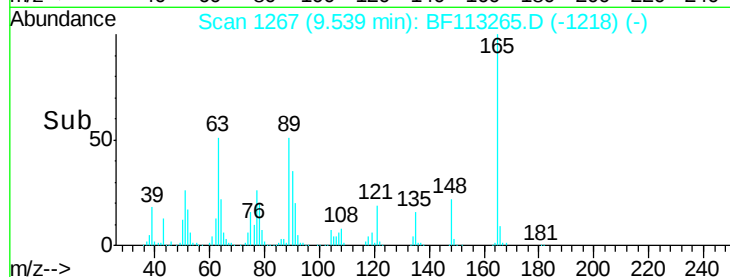
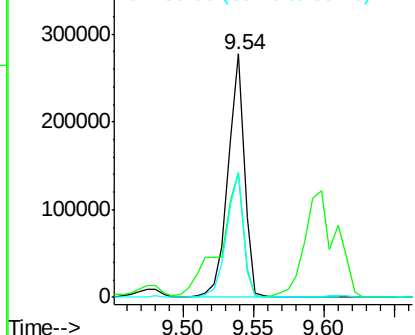
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



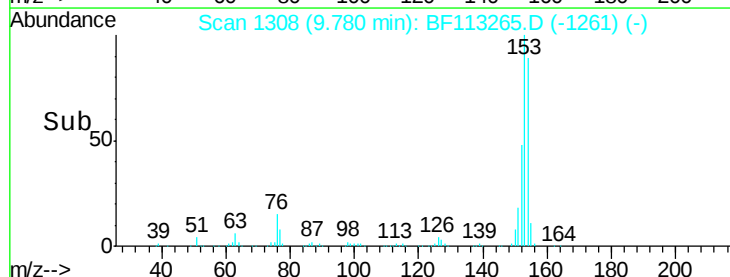
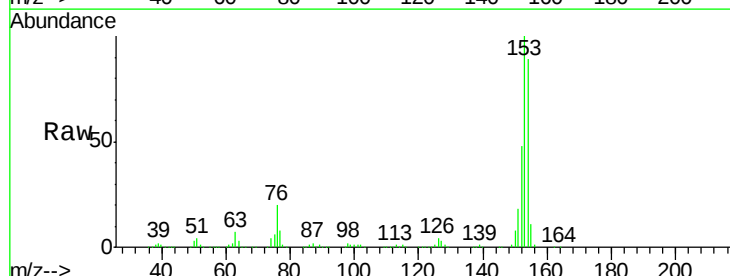
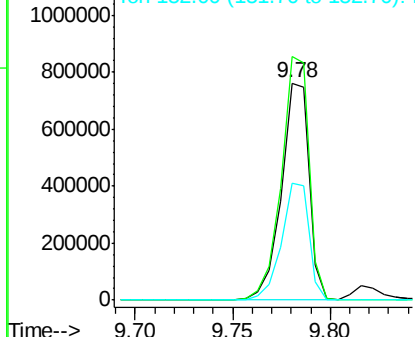
#52
 Acenaphthene
 Concen: 39.028 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF113265.D
 Acq: 24 Mar 2019 13:55

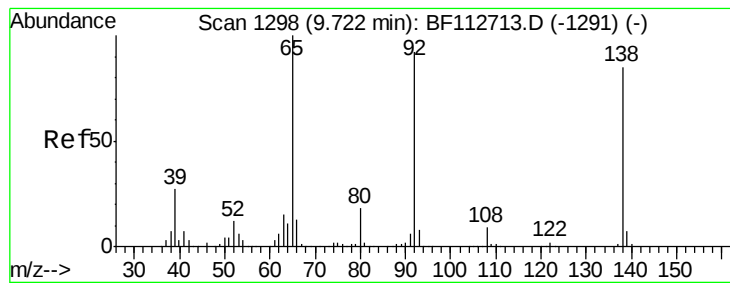
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	751983		
153	112.1		87.8	131.8
152	53.6		43.0	64.6

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: 34.078 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

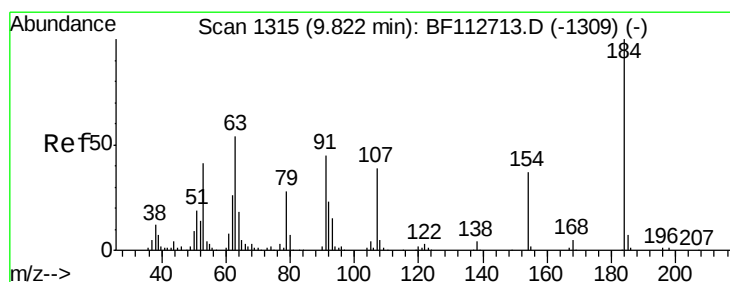
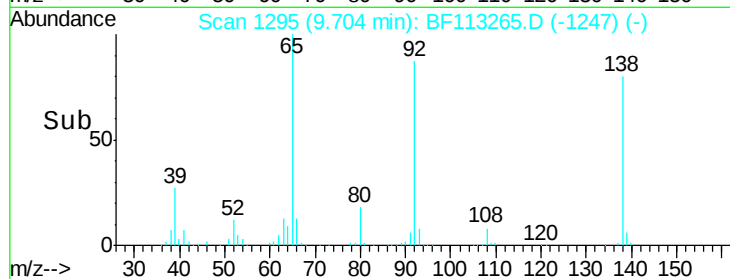
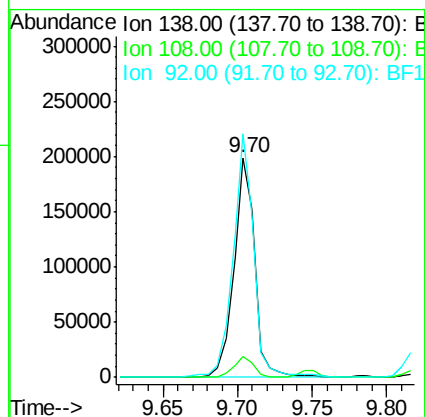
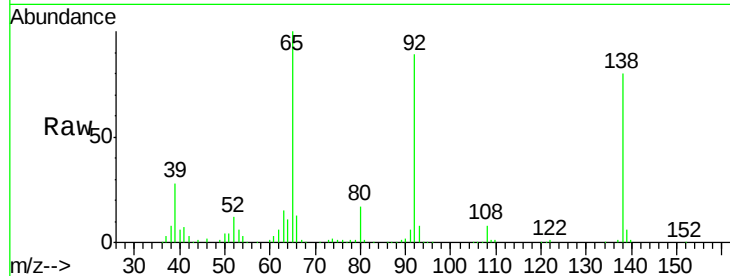
ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:	138	Resp:	194297
Ion Ratio	Lower	Upper	
138	100		
108	9.8	8.6	13.0
92	110.9	86.6	129.8

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#54

2,4-Dinitrophenol

Concen: 50.154 ng

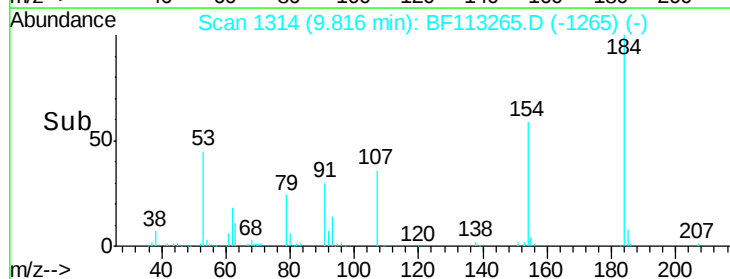
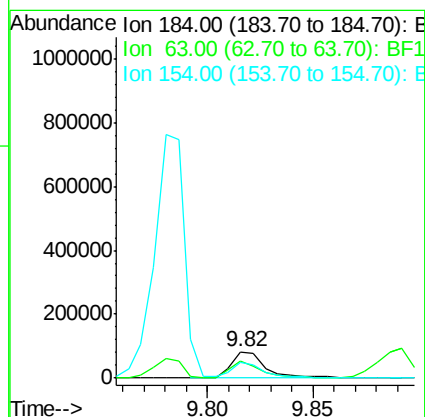
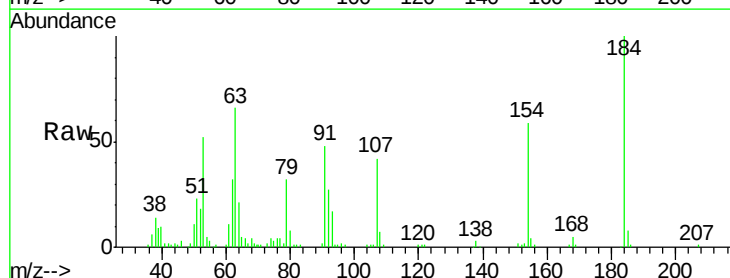
RT: 9.82 min Scan# 1314

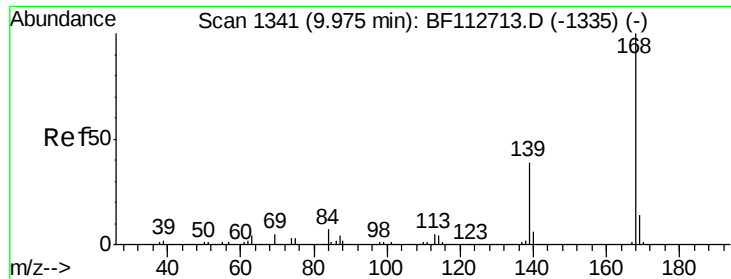
Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Tgt Ion:	184	Resp:	90979
Ion Ratio	Lower	Upper	
184	100		
63	66.0	45.3	67.9
154	59.2	46.0	69.0





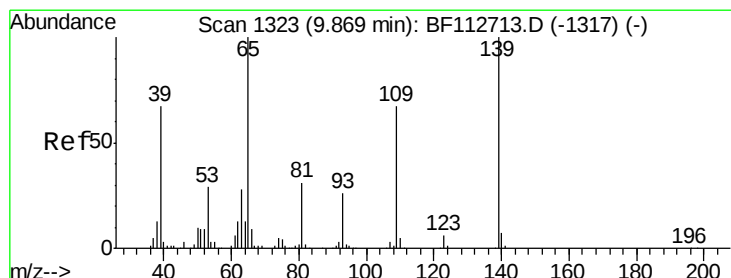
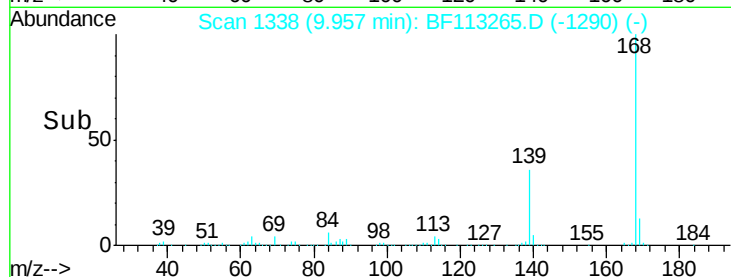
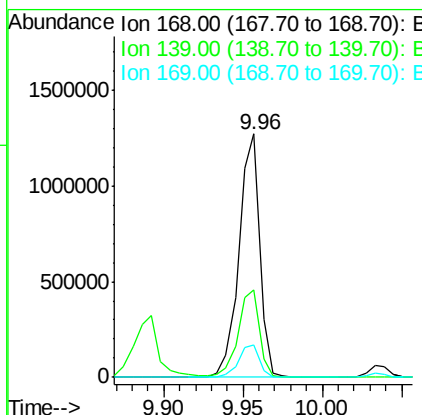
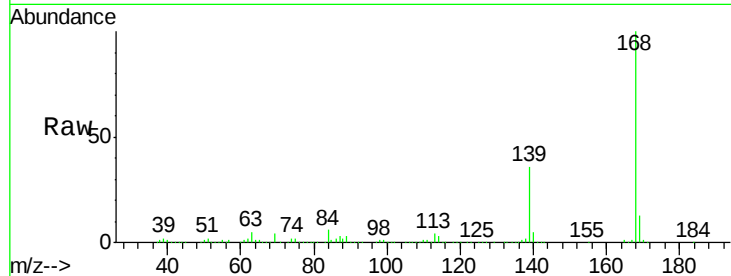
#55
Dibenzofuran
Concen: 41.143 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	31.3	46.9
169	13.5	11.3	16.9

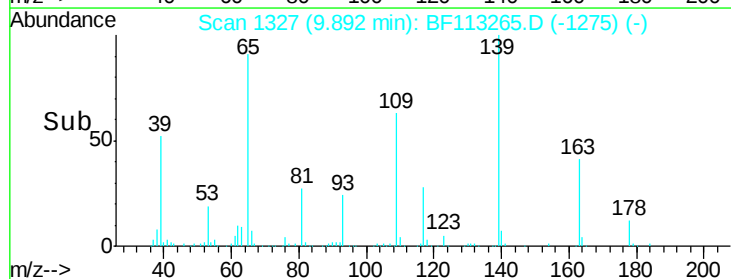
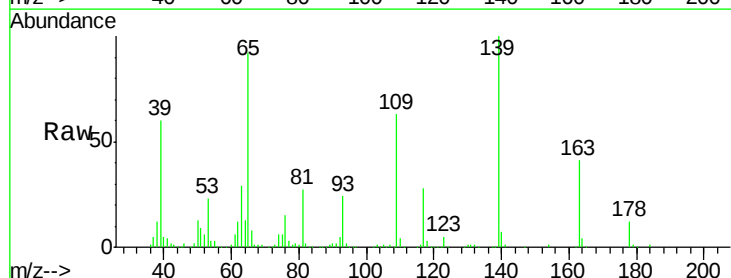
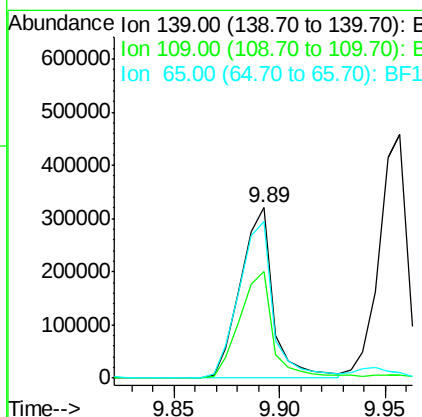
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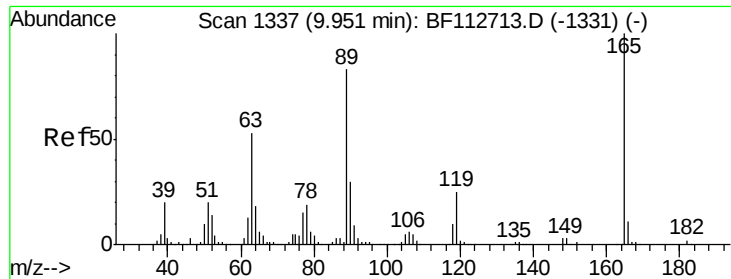
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#56
4-Nitrophenol
Concen: 75.234 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.7	46.8	86.8
65	91.7	80.7	120.7





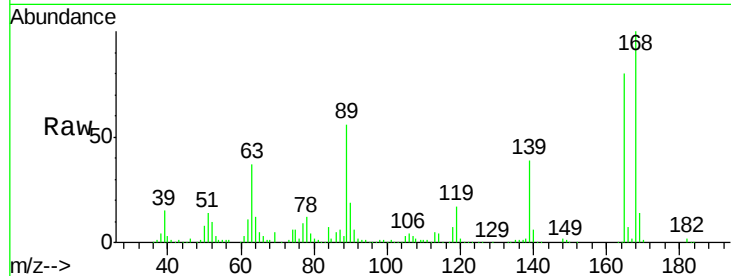
#57
2,4-Dinitrotoluene
Concen: 50.287 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

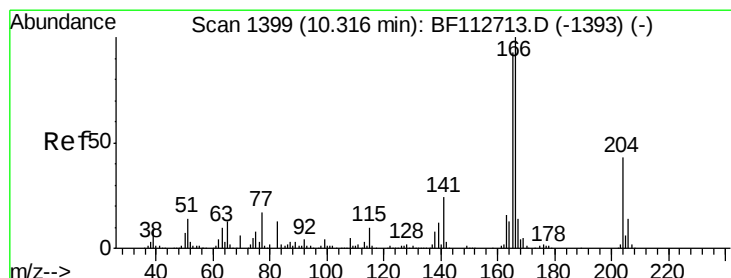
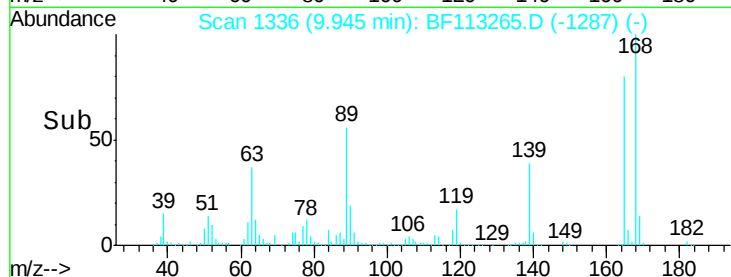
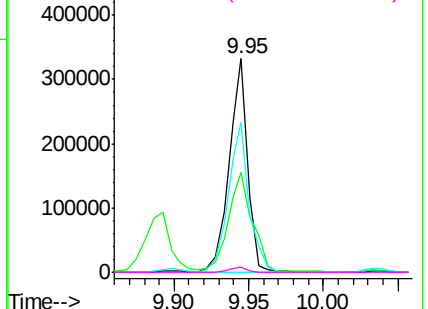
Tot Ion	Ratio	Resp	Lower	Upper
165	100	292478		
63	46.9		42.2	63.2
89	70.1		66.2	99.4
182	2.3		1.8	2.6

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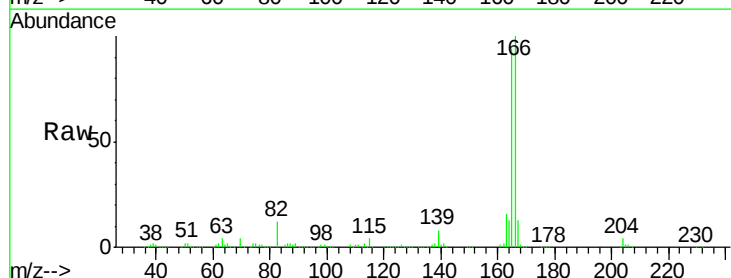


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

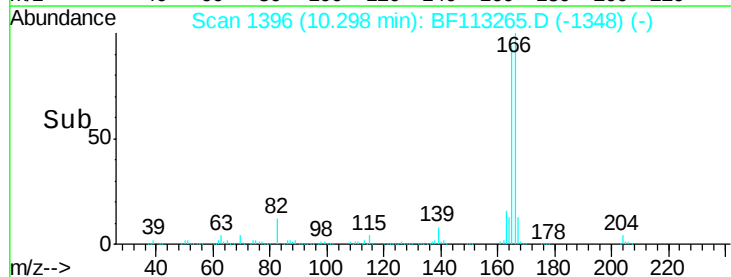
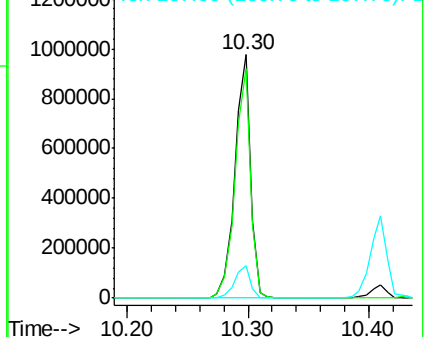


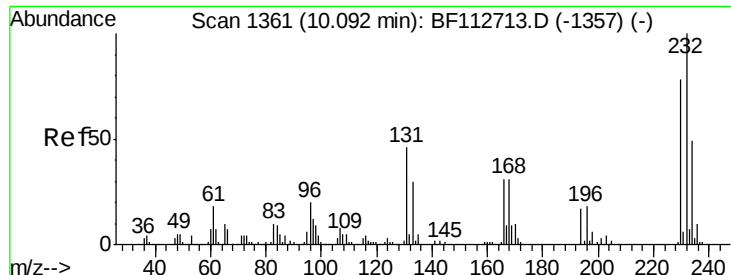
#58
Fluorene
Concen: 44.288 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	880267		
165	94.3		74.7	112.1
167	13.4		11.0	16.6



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: 50.170 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:232 Resp: 276309
Ion Ratio Lower Upper

232 100

131 43.0 38.7 58.1

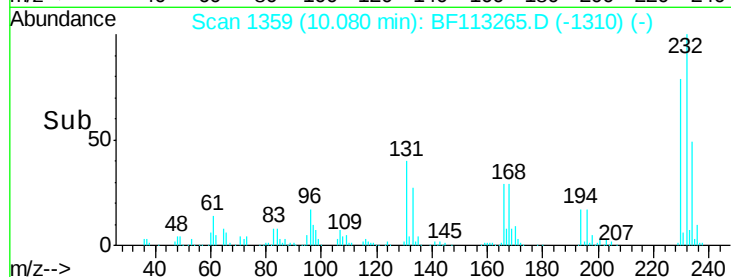
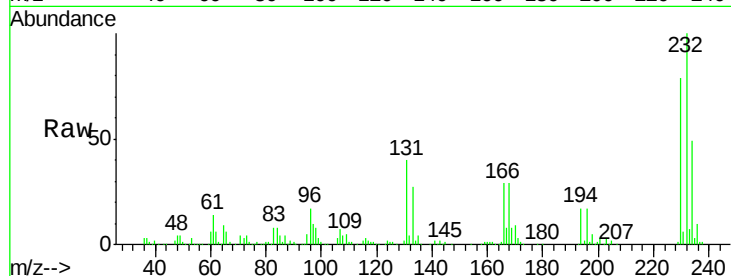
130 1.9 1.9 2.9#

166 28.7 25.2 37.8

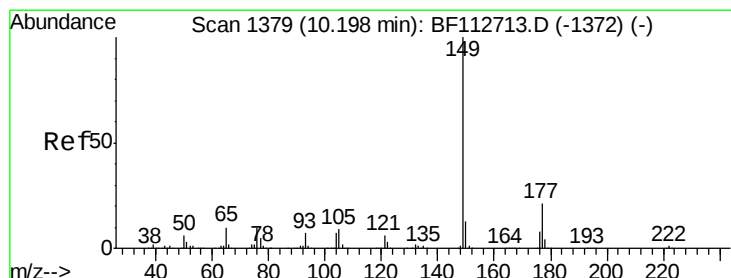
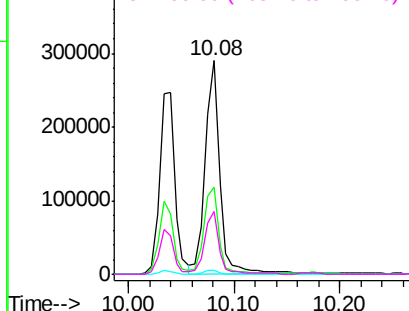
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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.633 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.02 min

Lab File: BF113265.D

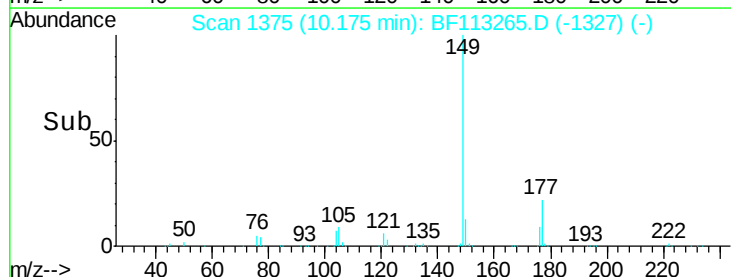
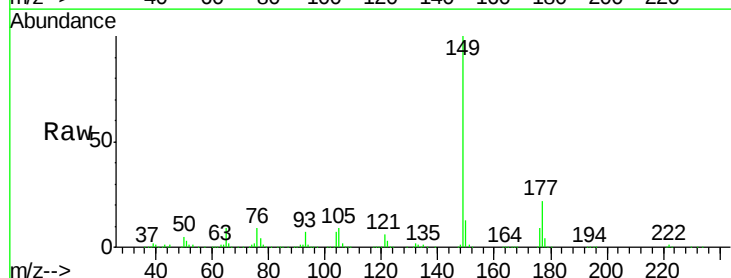
Acq: 24 Mar 2019 13:55

Tgt Ion:149 Resp: 1011734
Ion Ratio Lower Upper

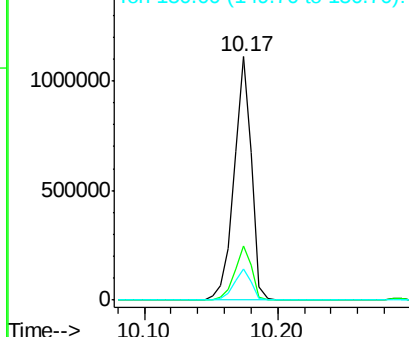
149 100

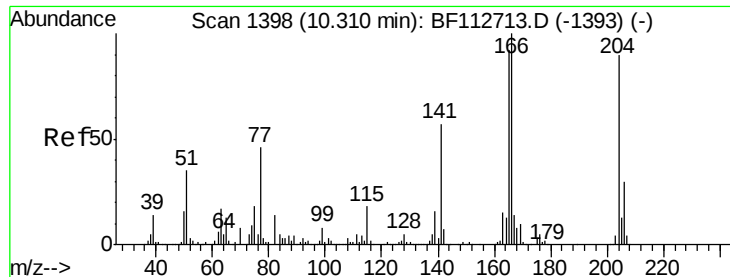
177 22.1 17.0 25.6

150 12.8 10.0 15.0



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





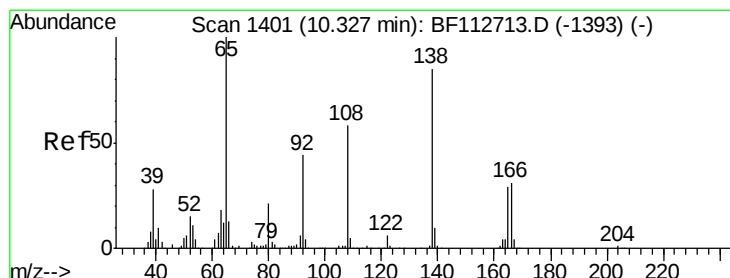
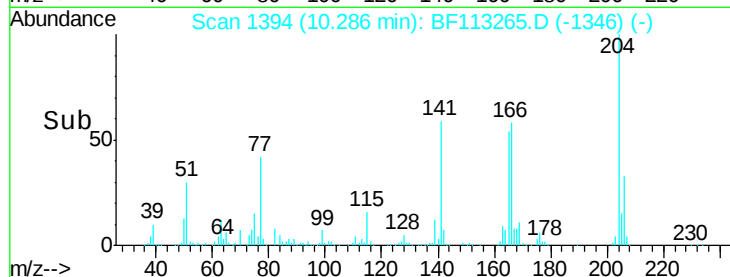
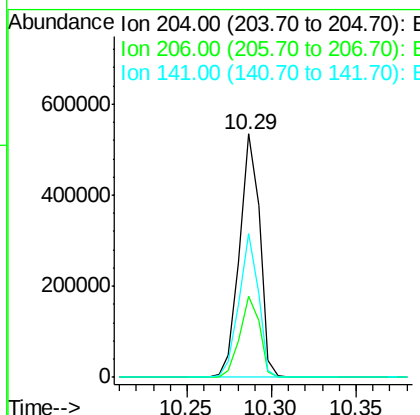
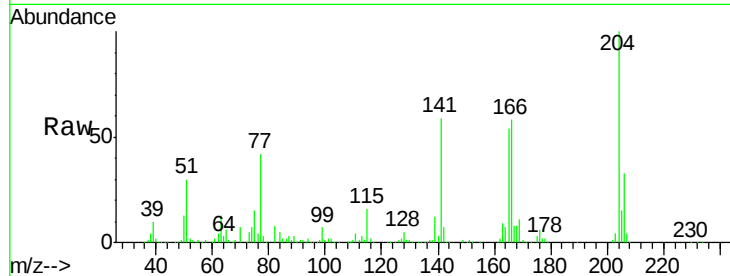
#61
4-Chlorophenyl-phenylether
Concen: 48.221 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.6	40.0
141	58.9	50.8	76.2

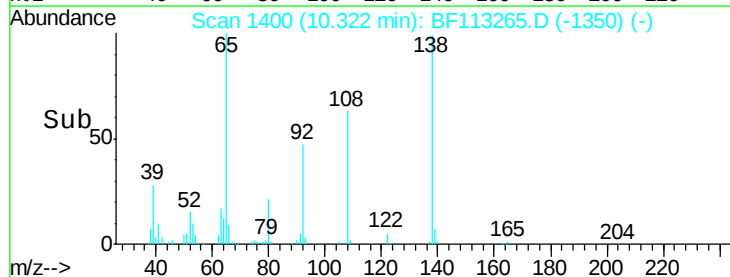
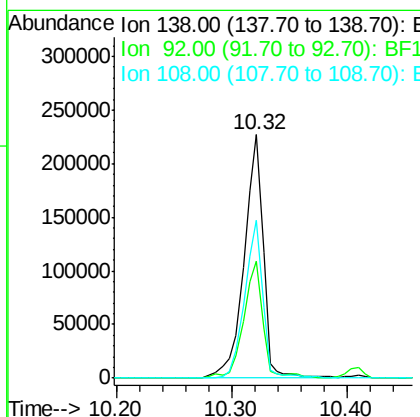
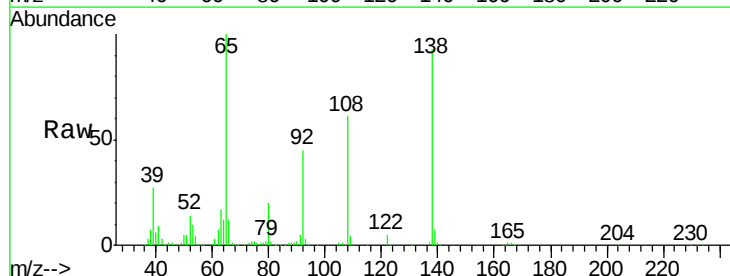
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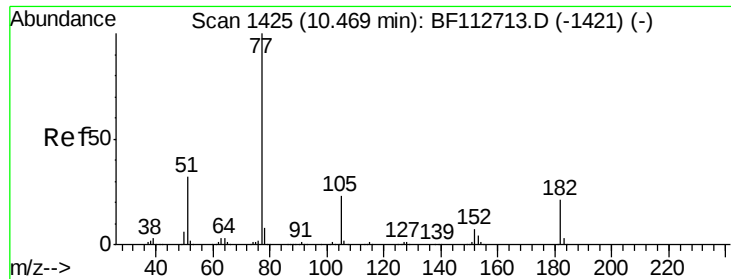
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#62
4-Nitroaniline
Concen: 49.421 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	31.3	71.3
108	65.1	48.1	88.1





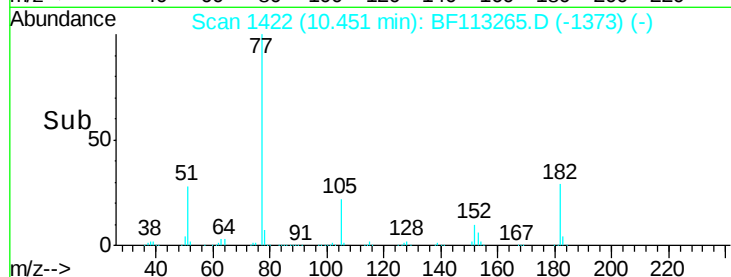
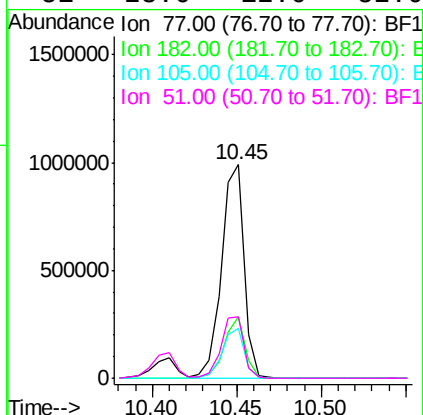
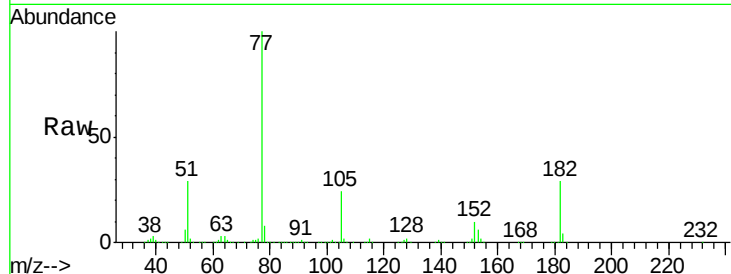
#63
Azobenzene
Concen: 37.707 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	1.4	41.4
105	23.6	2.6	42.6
51	28.6	12.0	52.0

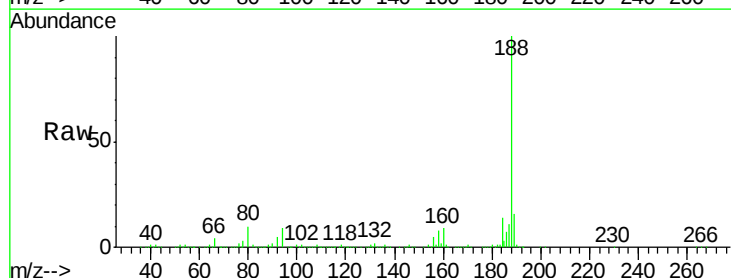
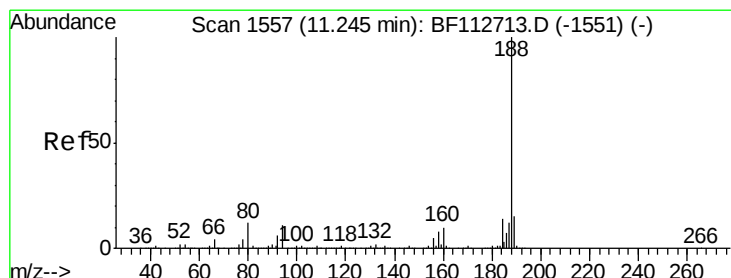
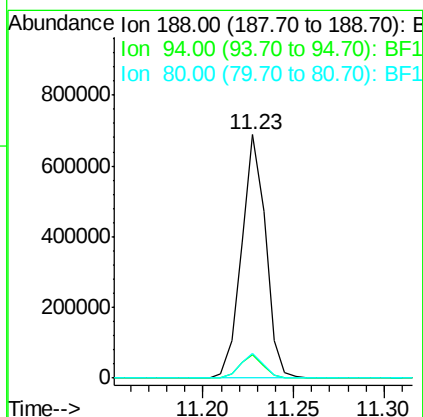
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.0	13.4
80	9.9	9.2	13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 50.444 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

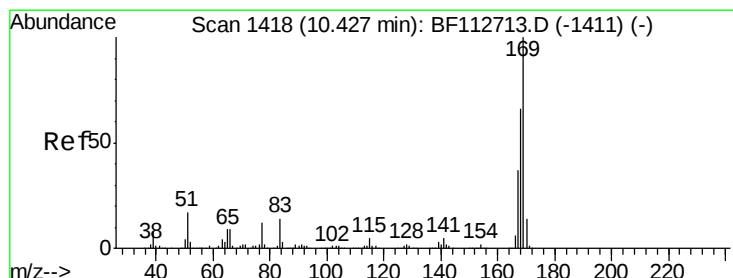
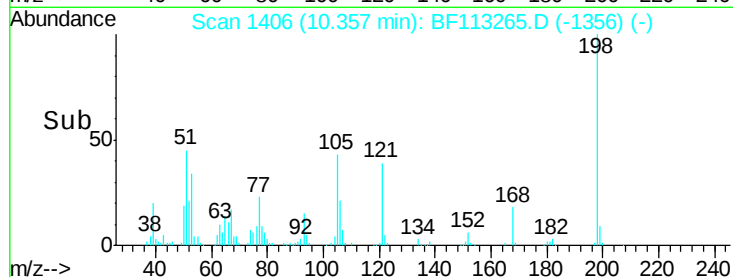
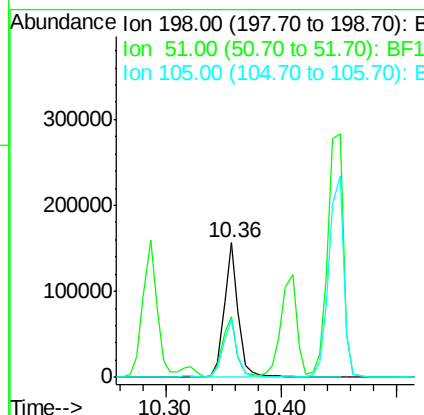
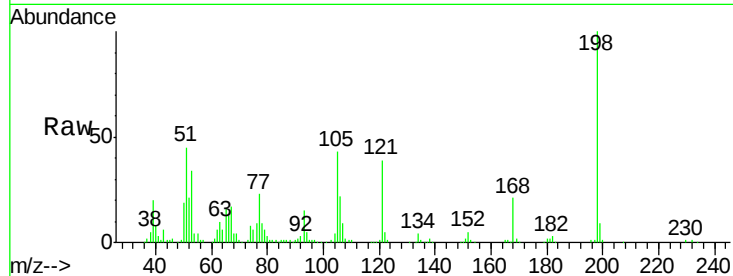
ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:	198	Resp:	132227
Ion Ratio	Lower	Upper	
198	100		
51	44.8	43.8	83.8
105	43.0	36.5	76.5

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#66

n-Nitrosodiphenylamine

Concen: 41.033 ng

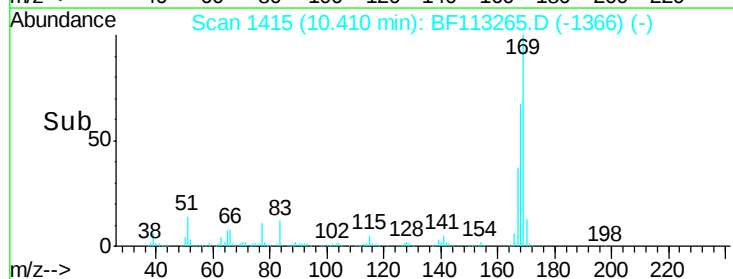
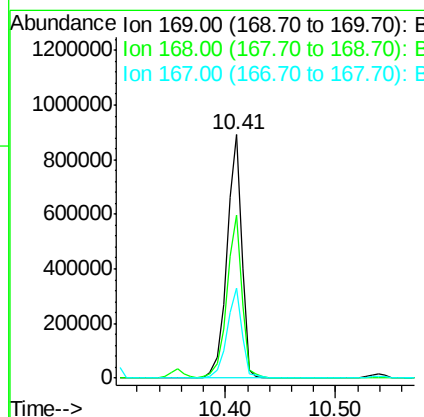
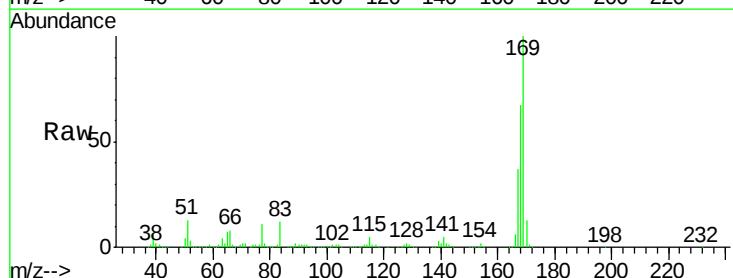
RT: 10.41 min Scan# 1415

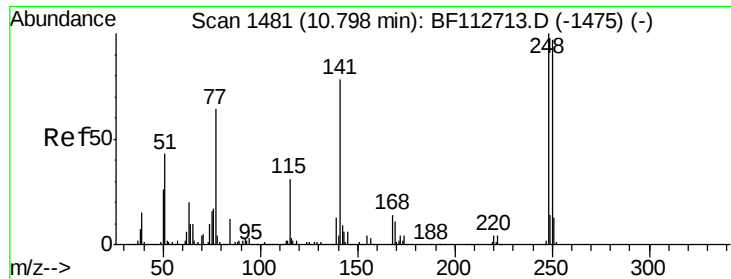
Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Tgt Ion:	169	Resp:	835222
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.0	79.6
167	37.0	29.3	43.9





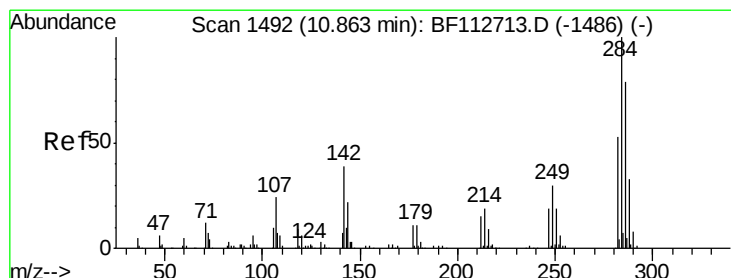
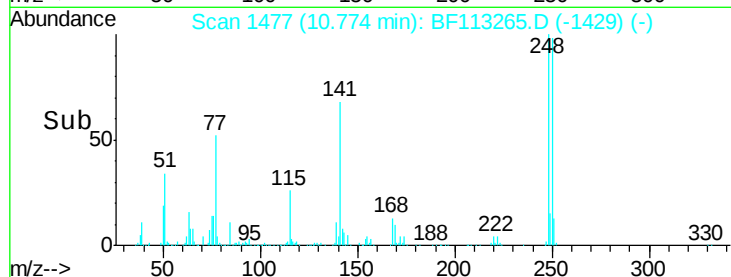
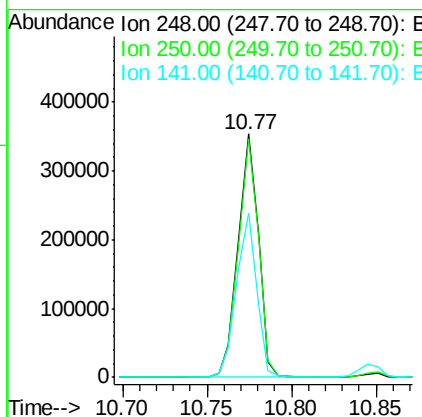
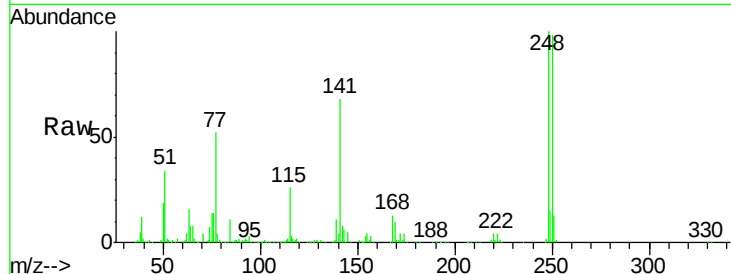
#67
4-Bromophenyl-phenylether
Concen: 44.452 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.5	116.3
141	67.7	62.4	93.6

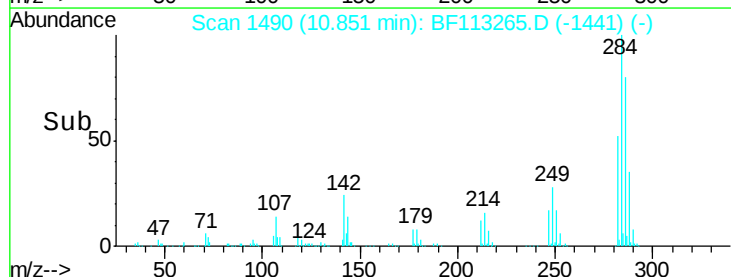
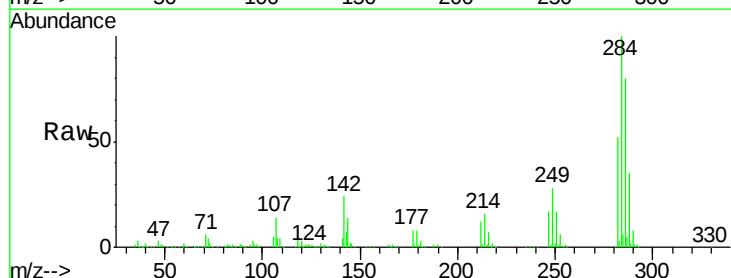
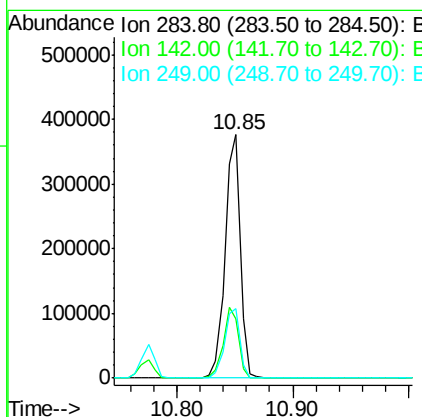
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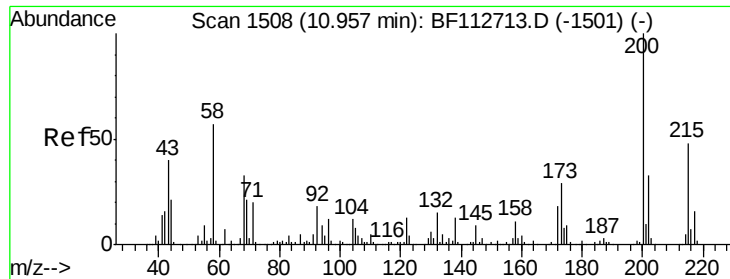
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#68
Hexachlorobenzene
Concen: 45.548 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.4	31.0	46.6#
249	28.5	23.6	35.4





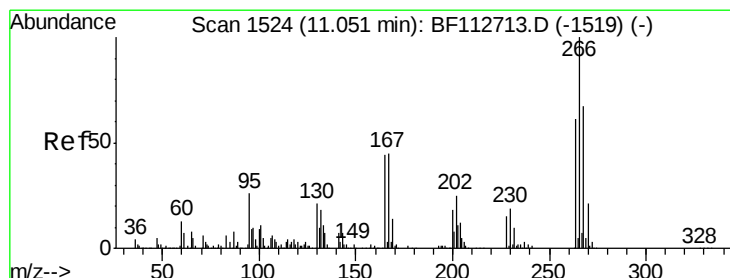
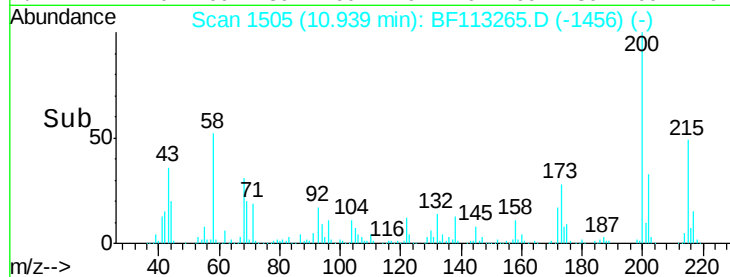
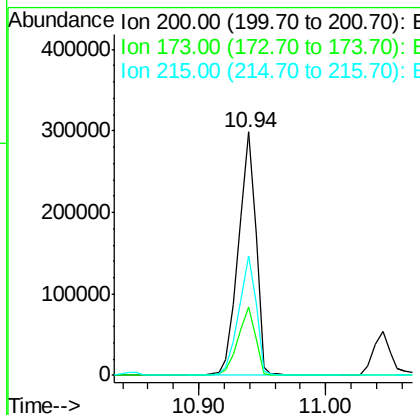
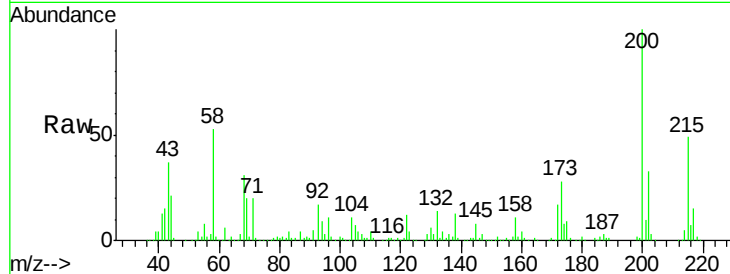
#69
 Atrazine
 Concen: 45.278 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF113265.D
 Acq: 24 Mar 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	9.1	49.1
215	48.8	28.2	68.2

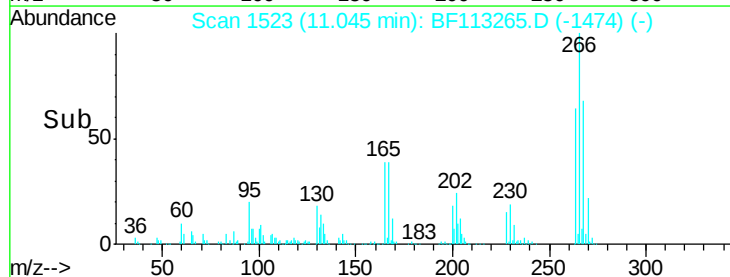
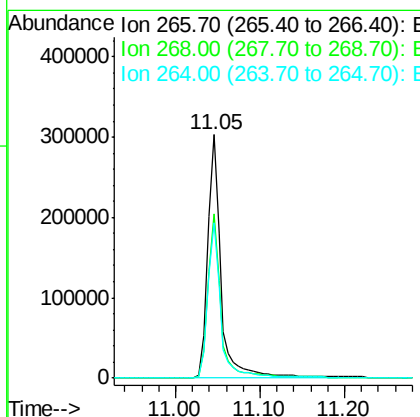
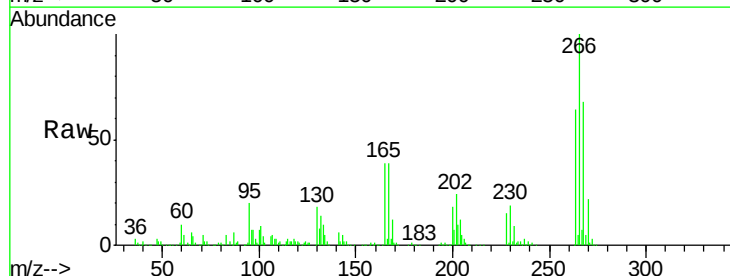
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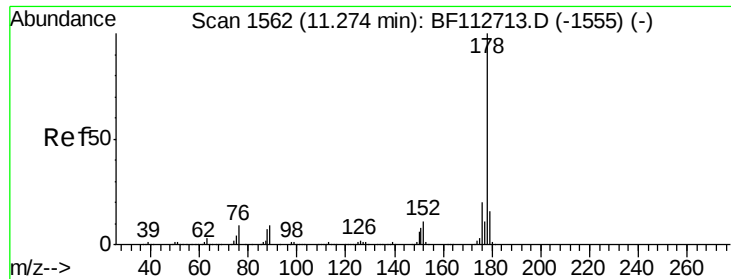
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#70
 Pentachlorophenol
 Concen: 75.764 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF113265.D
 Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.5	53.3	79.9
264	63.7	48.9	73.3





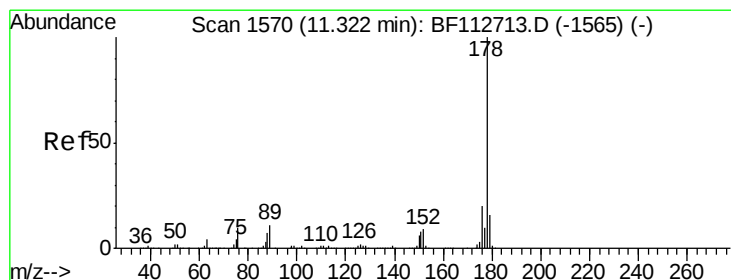
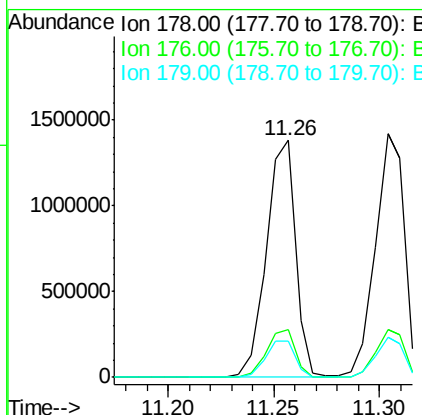
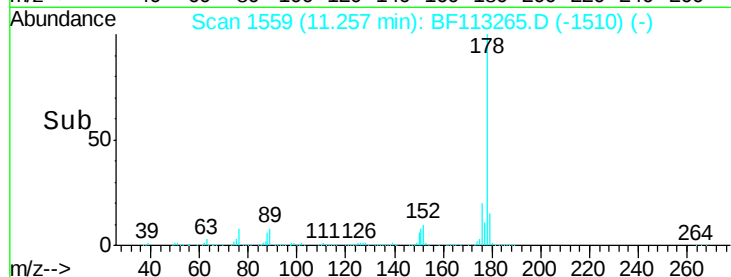
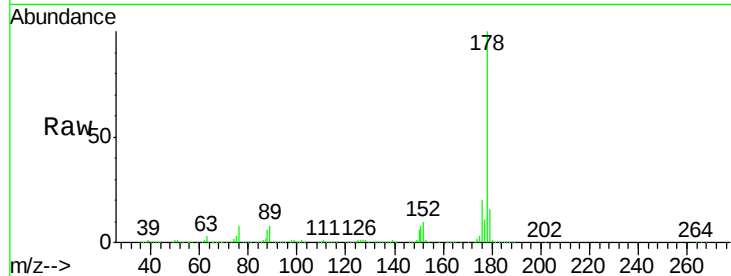
#71
Phenanthrene
Concen: 42.236 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion:178 Resp: 1333705
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.5 12.7 19.1

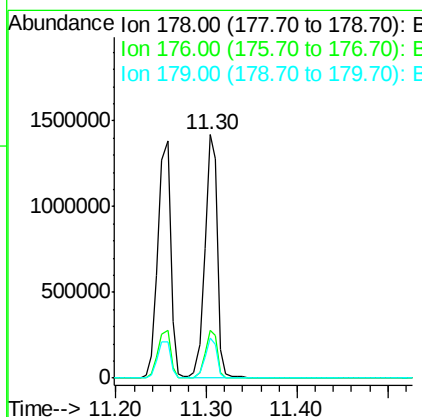
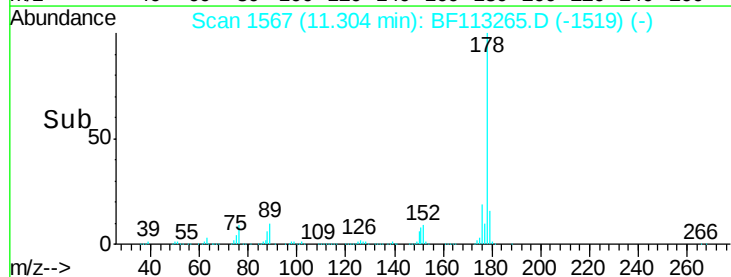
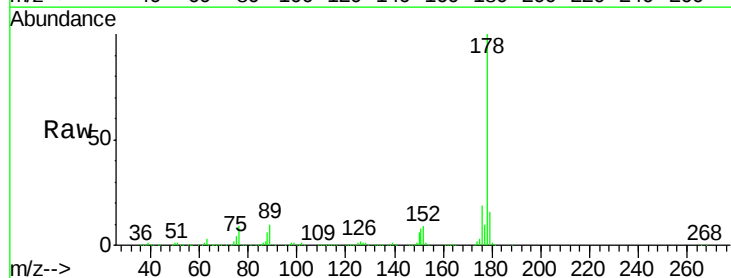
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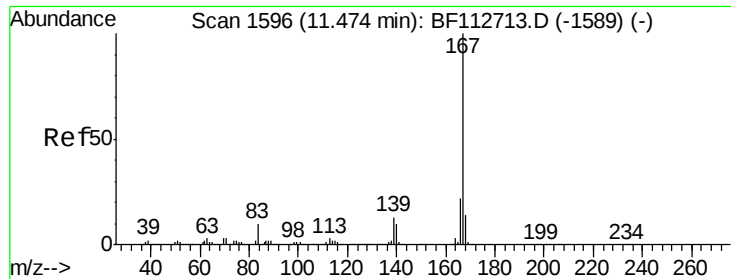
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#72
Anthracene
Concen: 41.875 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion:178 Resp: 1384194
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 16.2 13.0 19.6





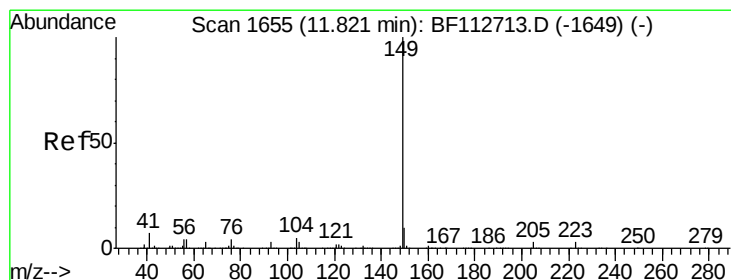
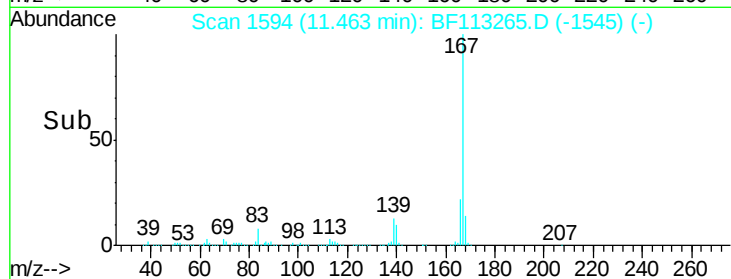
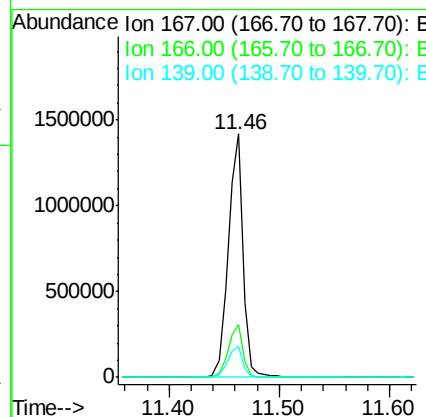
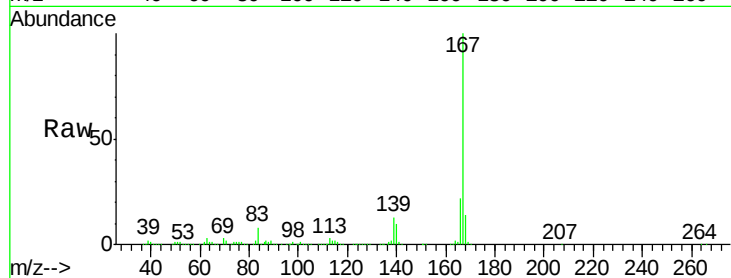
#73
 Carbazole
 Concen: 41.174 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF113265.D
 Acq: 24 Mar 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	12.8	10.8	16.2

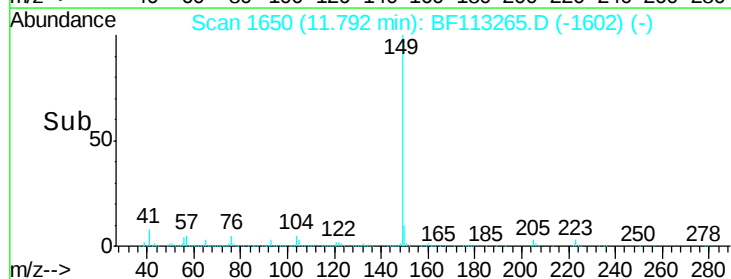
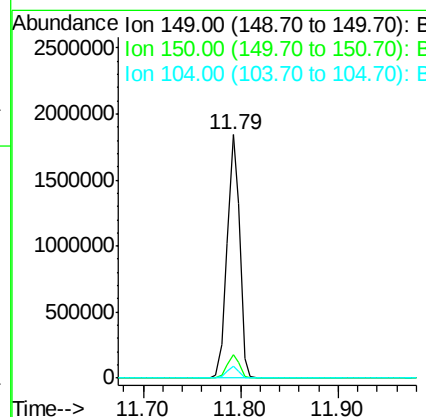
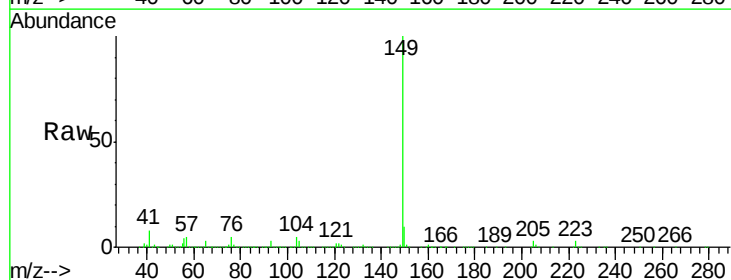
Manual Integrations
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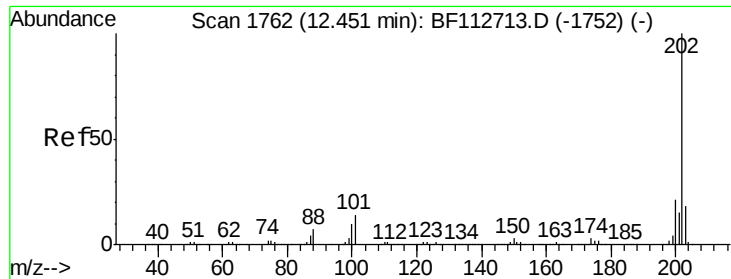
Sohil
 3/26/2019 6:34:48 PM



#74
 Di-n-butylphthalate
 Concen: 42.531 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. -0.02 min
 Lab File: BF113265.D
 Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	4.8	3.7	5.5





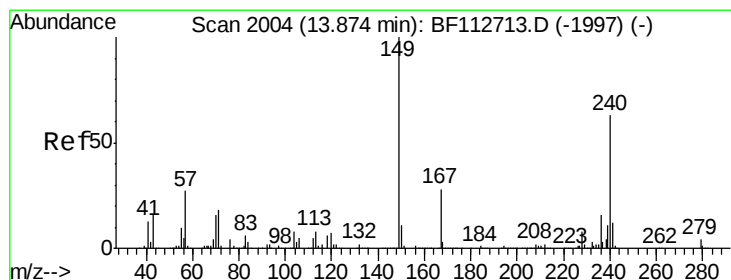
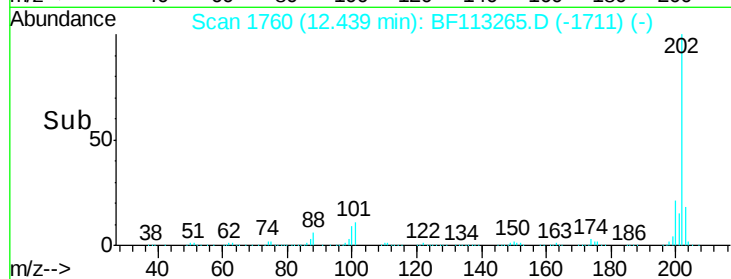
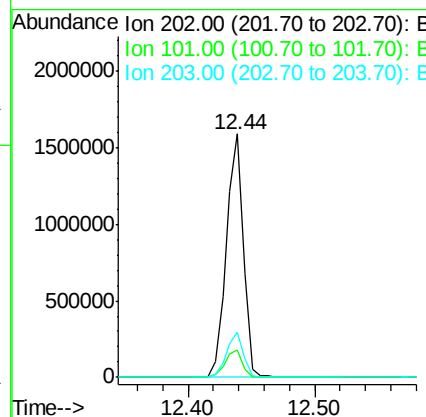
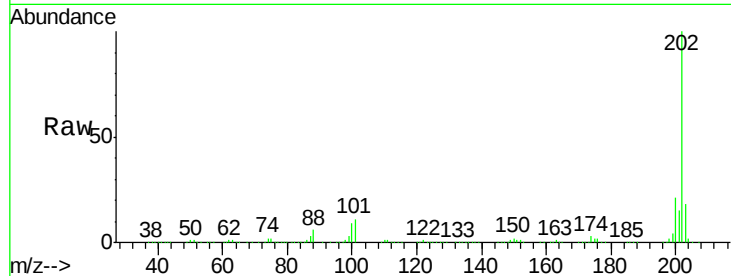
#75
Fluoranthene
Concen: 43.933 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.8
203	18.3	0.0	38.4

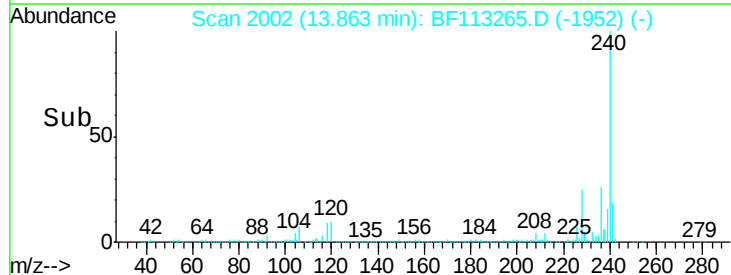
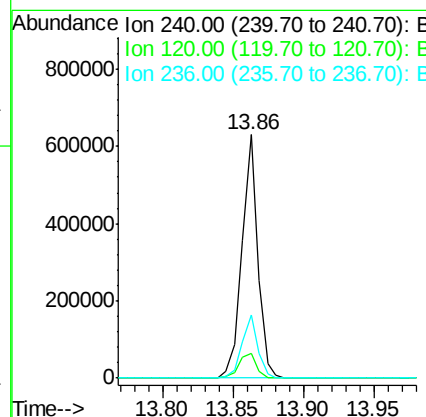
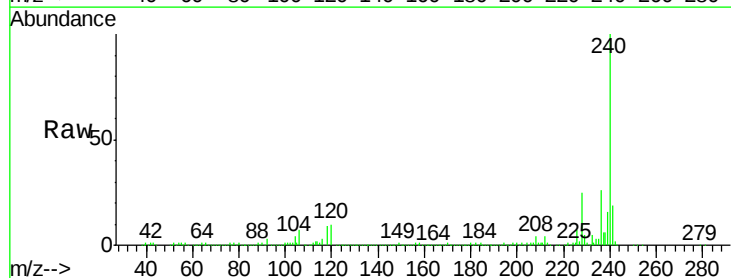
Manual Integrations
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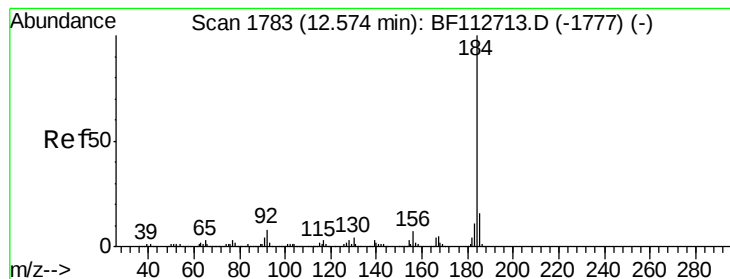
Sohil
3/26/2019 6:34:48 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	26.1	20.7	31.1





#77

Benzidine

Concen: 20.629 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:184 Resp: 527532

Ion Ratio Lower Upper

184 100

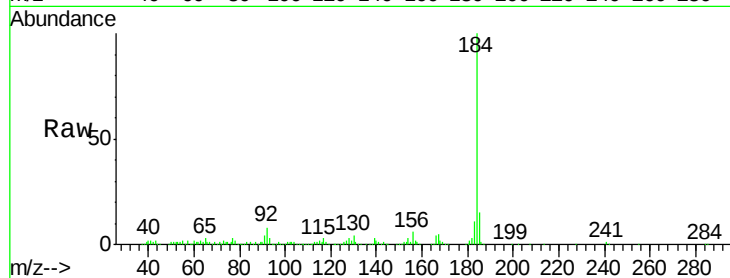
185 14.6 12.6 18.8

183 10.8 8.6 12.8

Manual Integrations
APPROVED

Sohil

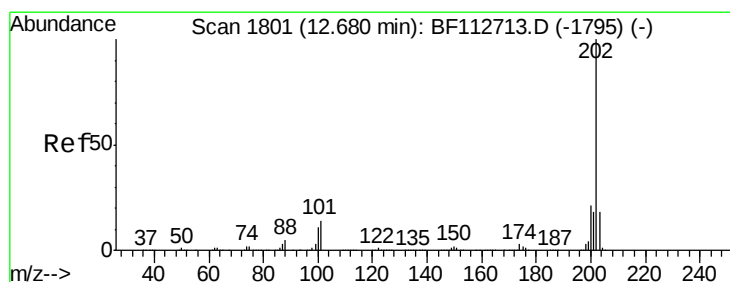
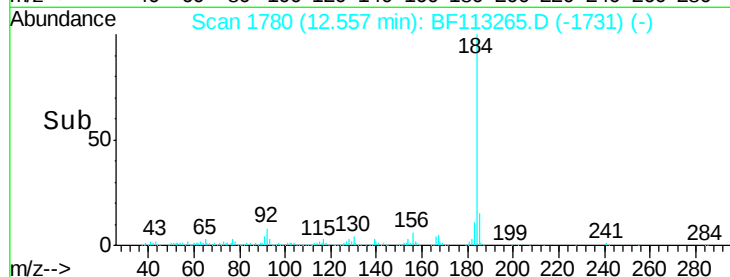
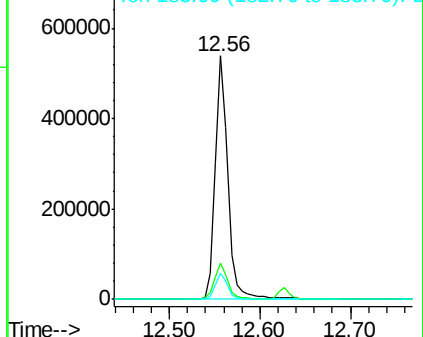
3/26/2019 6:34:48 PM



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: 36.272 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

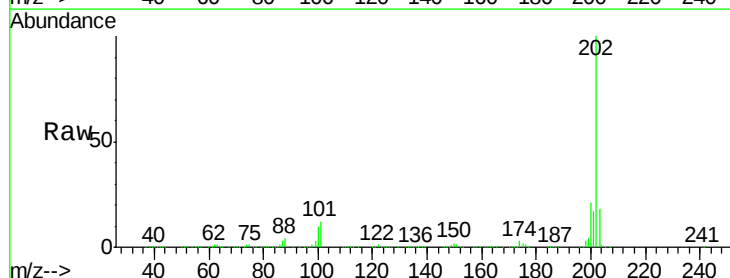
Tgt Ion:202 Resp: 1507192

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

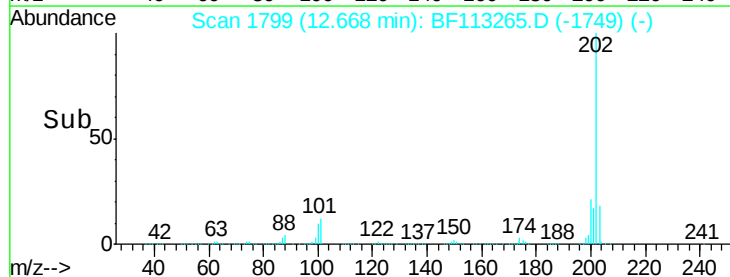
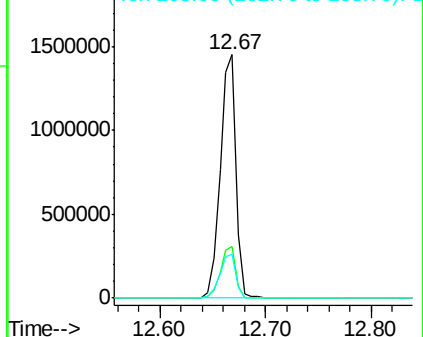
203 17.9 14.4 21.6

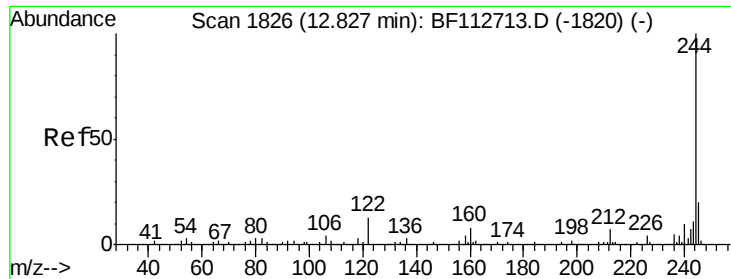


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





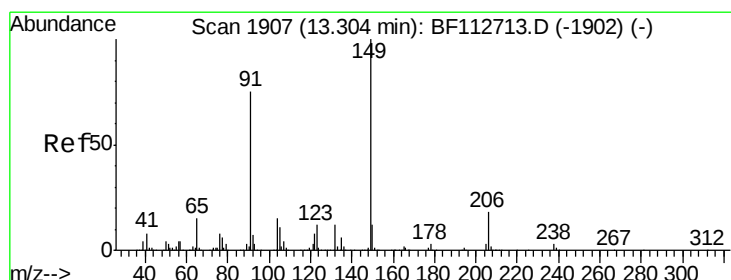
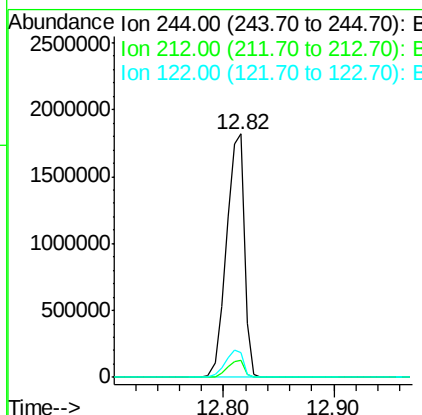
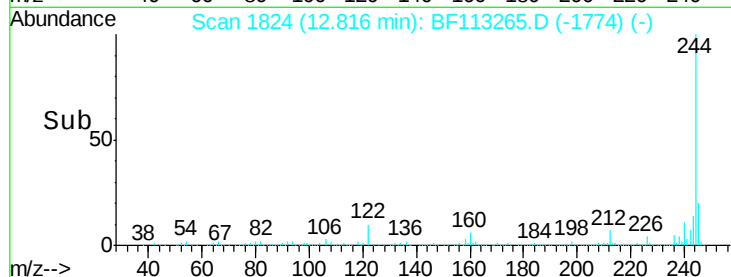
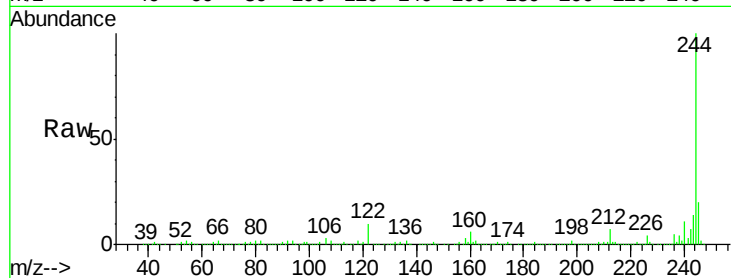
#79
 Terphenyl-d14
 Concen: 81.384 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113265.D
 Acq: 24 Mar 2019 13:55

Instrument :
 BNA_F
 ClientSampleId :
 S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.3	10.5	15.7

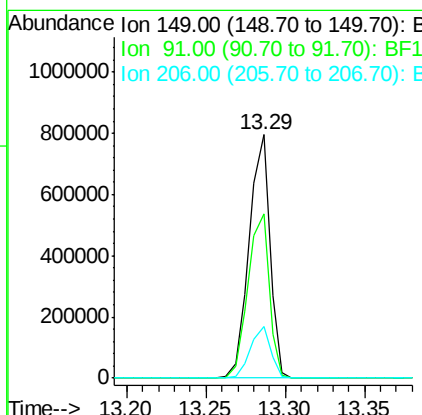
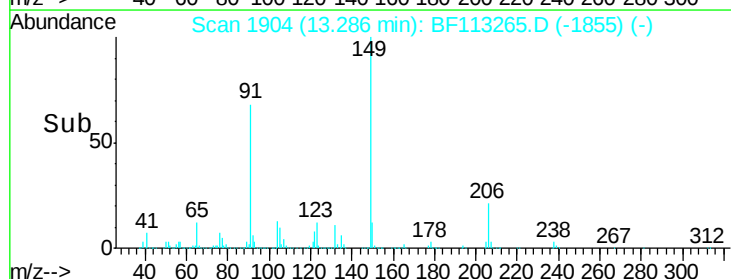
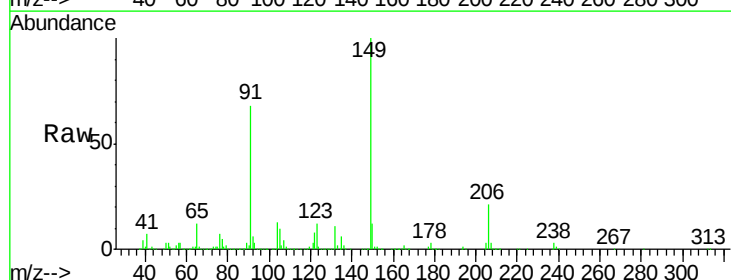
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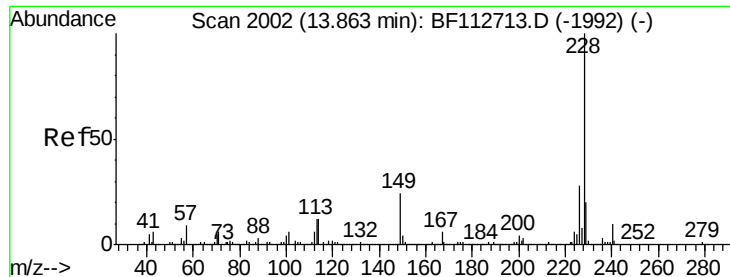
Sohil
 3/26/2019 6:34:48 PM



#80
 Butylbenzylphthalate
 Concen: 39.456 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BF113265.D
 Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	59.9	89.9
206	21.2	14.7	22.1





#81

Benzo(a)anthracene

Concen: 34.538 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:228 Resp: 1179852

Ion Ratio Lower Upper

228 100

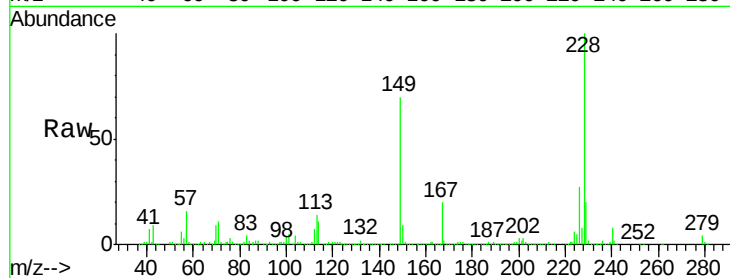
226 27.0 22.2 33.4

229 20.0 16.0 24.0

Manual Integrations
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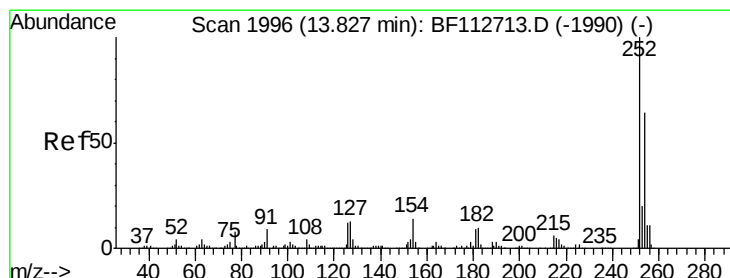
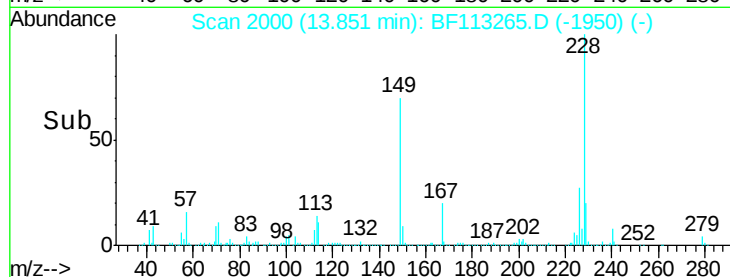
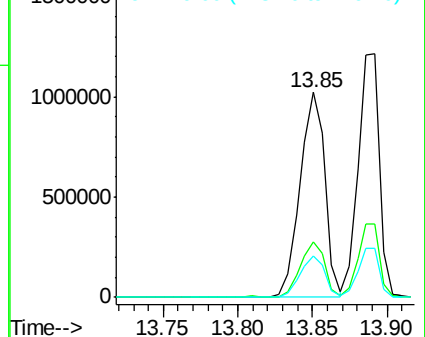
3/26/2019 6:34:48 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.581 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

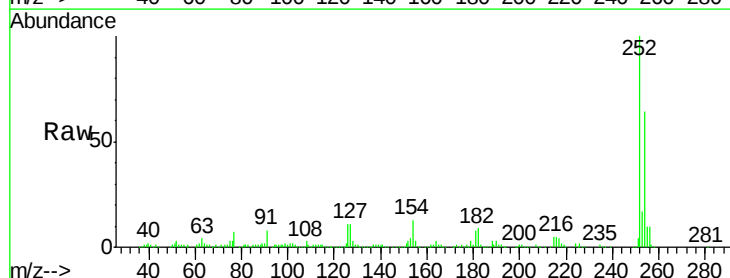
Tgt Ion:252 Resp: 356334

Ion Ratio Lower Upper

252 100

254 64.0 51.1 76.7

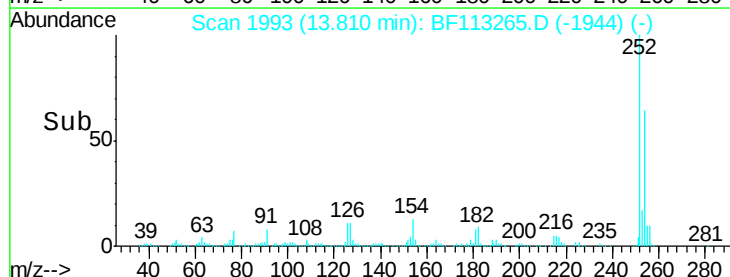
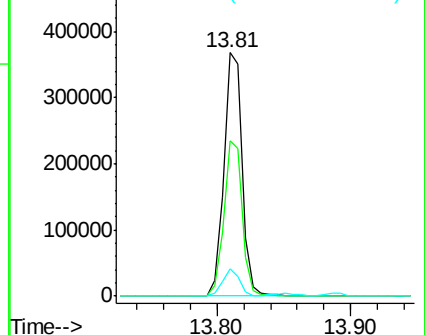
126 11.3 9.9 14.9

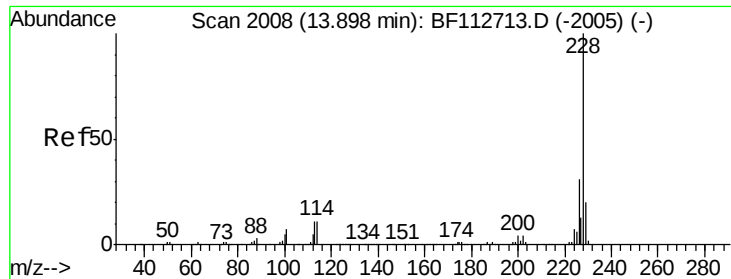


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





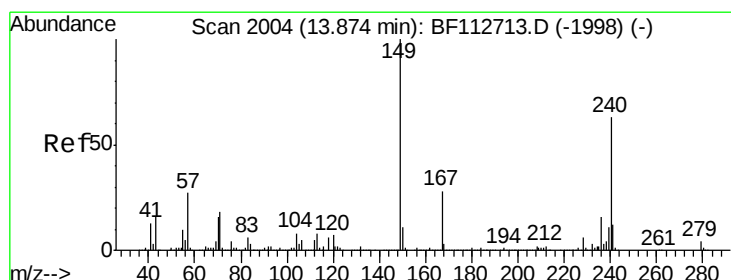
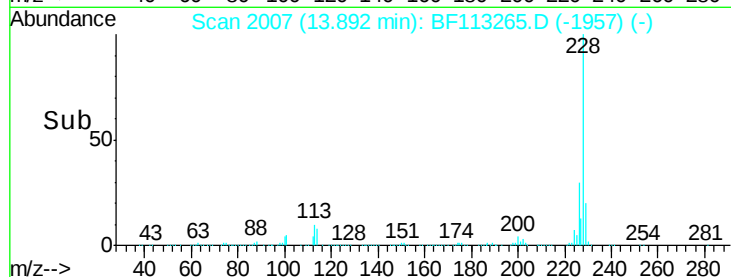
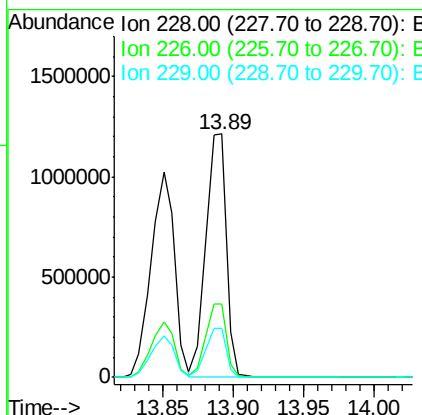
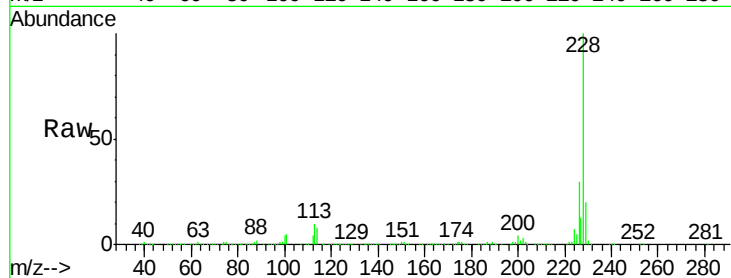
#83
Chrysene
Concen: 36.654 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion:228 Resp: 1226508
Ion Ratio Lower Upper
228 100
226 30.2 24.9 37.3
229 20.1 16.3 24.5

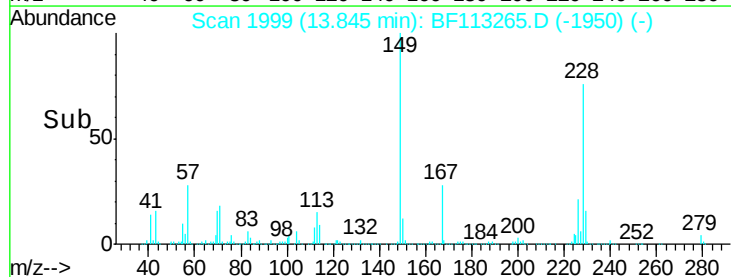
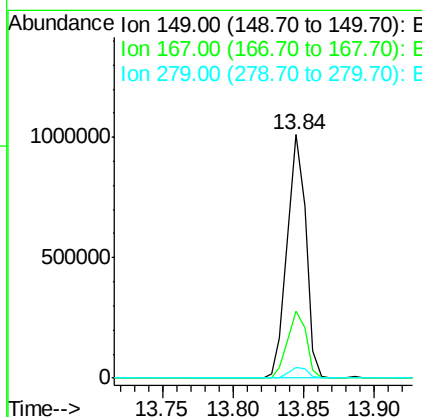
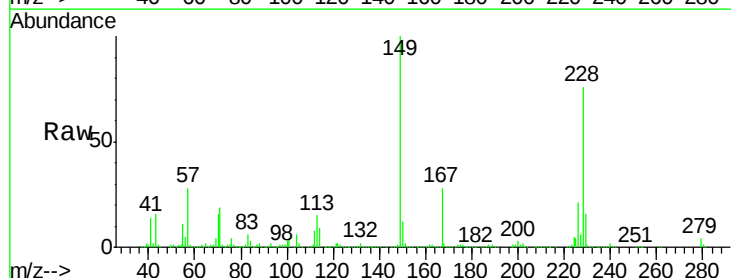
Manual Integrations
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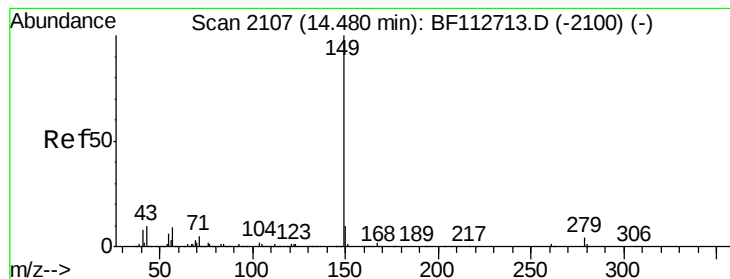
Sohil
3/26/2019 6:34:48 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.667 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion:149 Resp: 939419
Ion Ratio Lower Upper
149 100
167 27.7 22.4 33.6
279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 44.432 ng

RT: 14.45 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

ClientSampleId :

S3B(5-15)COMPMS

Tot Ion:149 Resp: 1641394

Ion Ratio Lower Upper

149 100

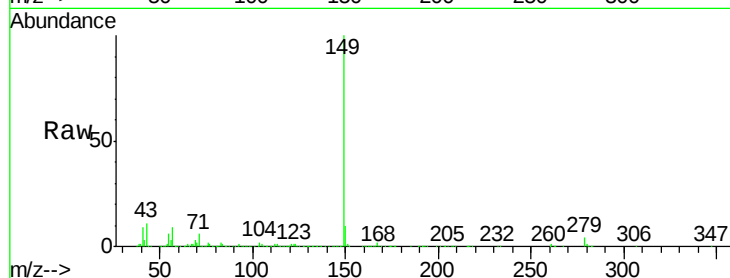
167 1.6 1.2 1.8

43 9.8 9.0 13.4

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Sohil

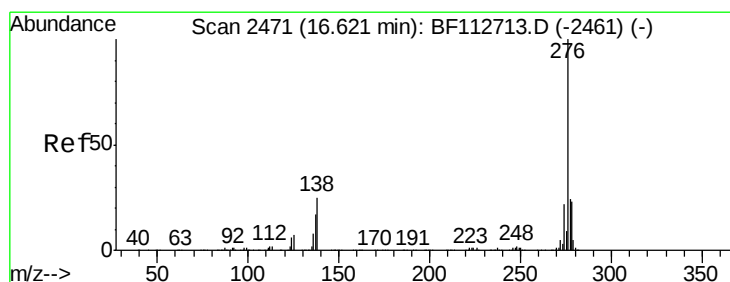
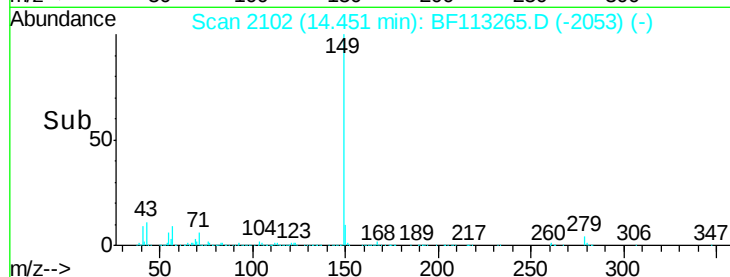
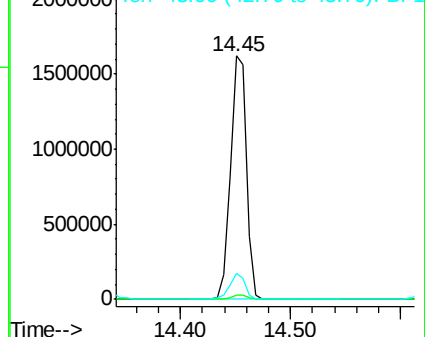
3/26/2019 6:34:48 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.699 ng

RT: 16.64 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

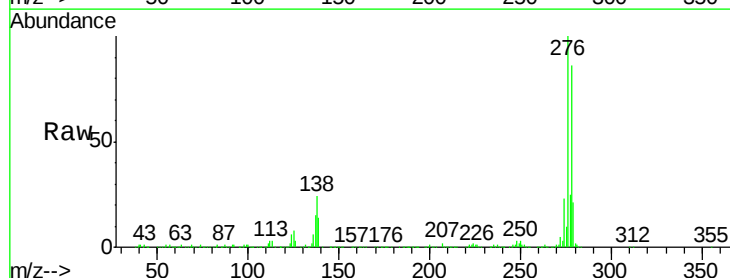
Tgt Ion:276 Resp: 1218083

Ion Ratio Lower Upper

276 100

138 23.6 23.2 34.8

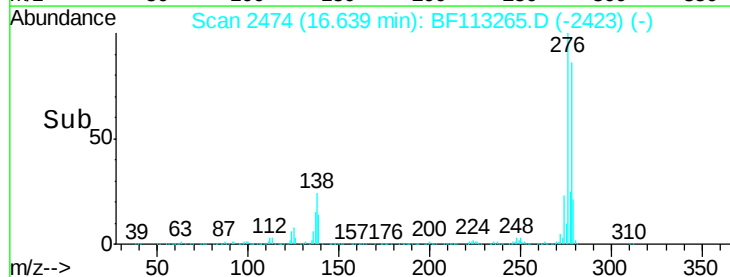
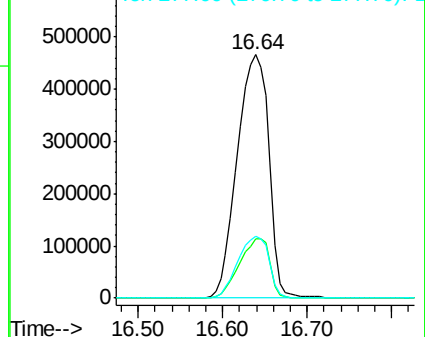
277 25.2 19.9 29.9

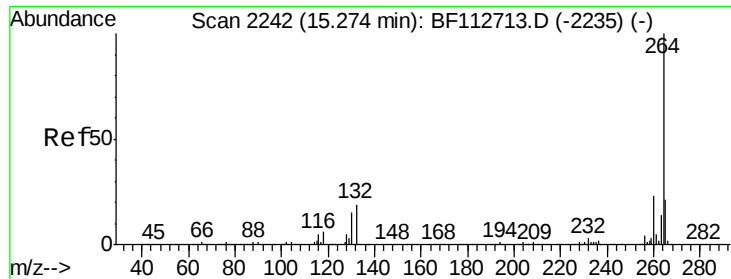


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





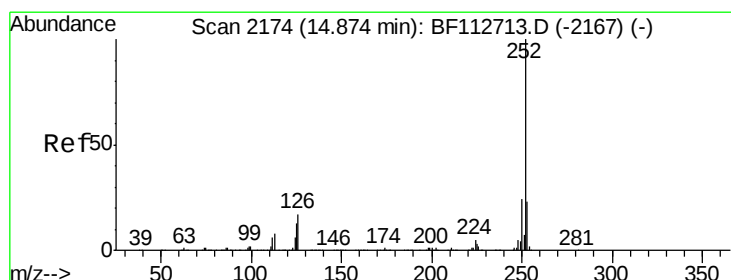
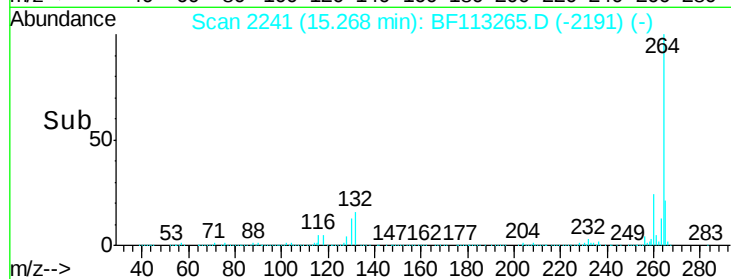
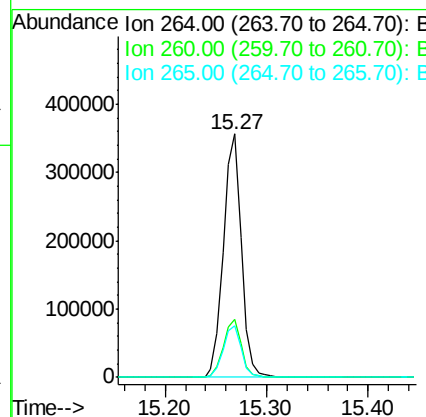
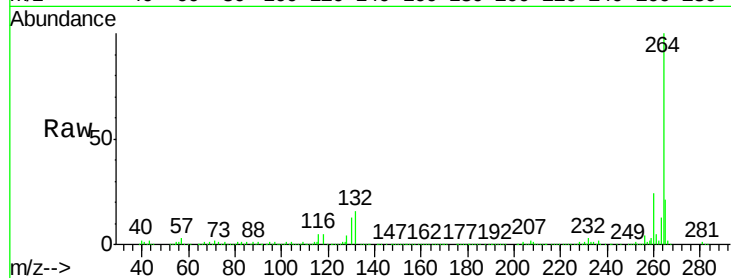
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.1	17.2	25.8

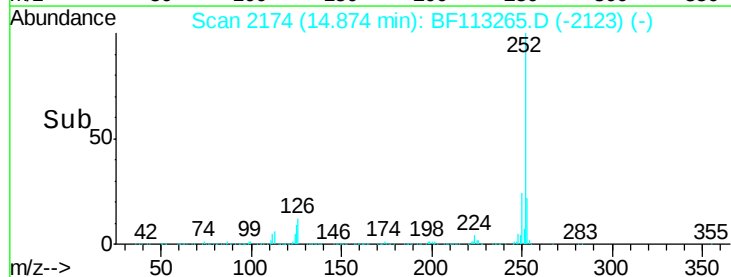
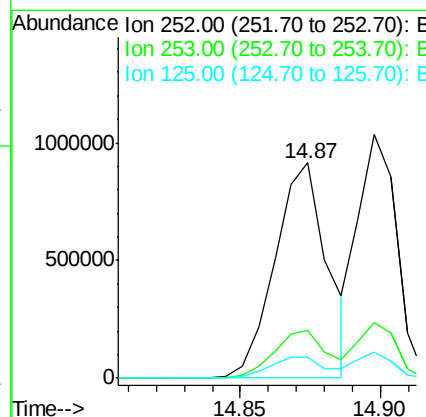
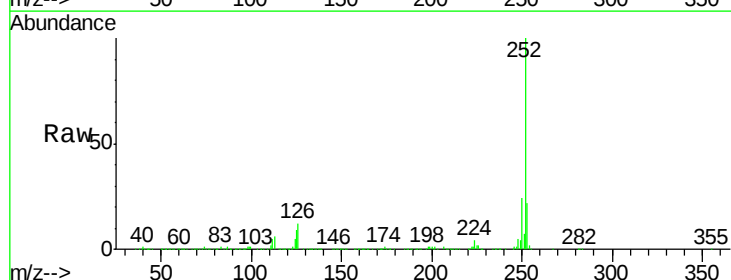
Manual Integrations
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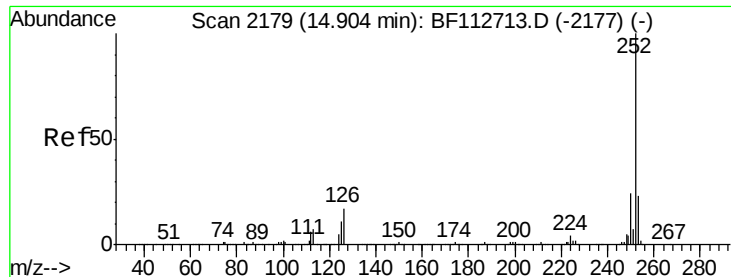
Sohil
3/26/2019 6:34:48 PM



#88
Benzo(b)fluoranthene
Concen: 42.084 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.5	10.2	15.2#





#89

Benzo(k)fluoranthene

Concen: 38.536 ng

RT: 14.90 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Instrument :

BNA_F

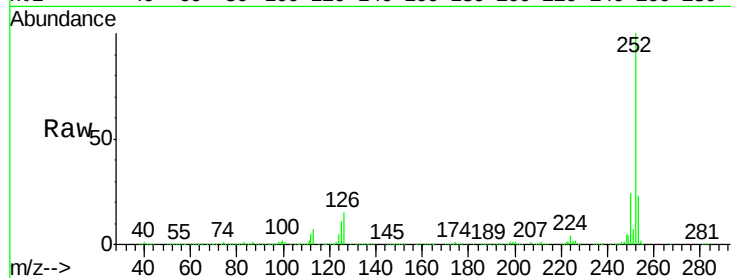
ClientSampleId :

S3B(5-15)COMPMS

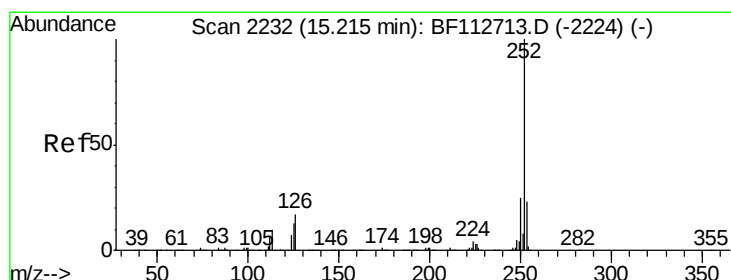
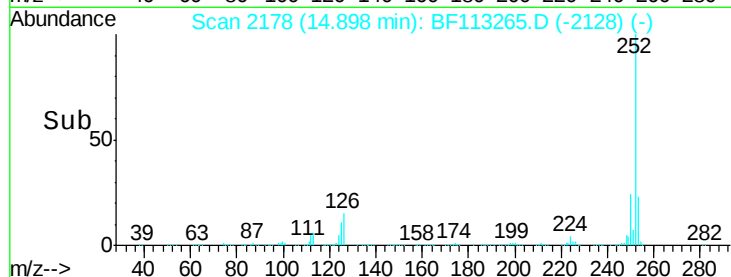
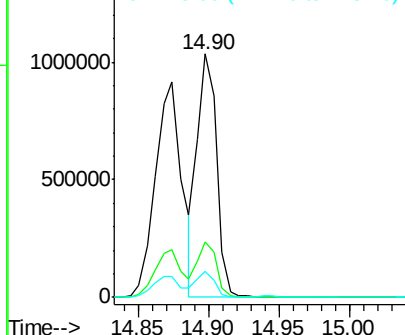
Tot Ion:	252	Resp:	991392
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.2
125	10.6	9.8	14.6

Manual Integrations
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Sohil
3/26/2019 6:34:48 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.746 ng

RT: 15.21 min Scan# 2231

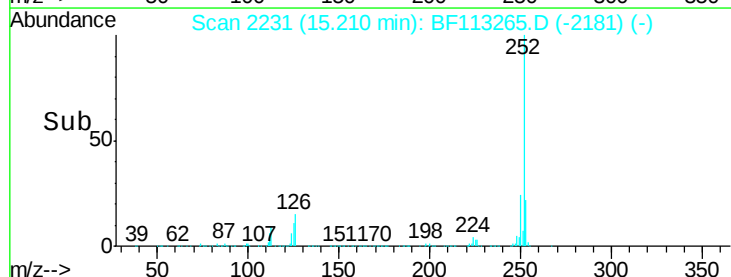
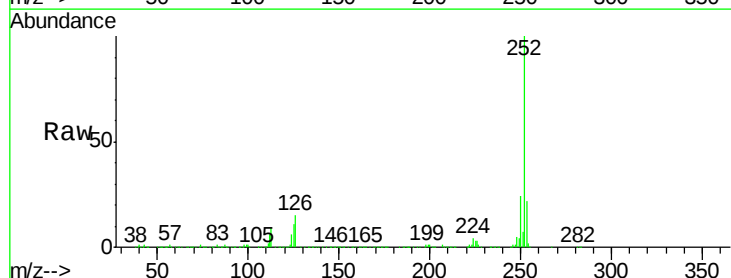
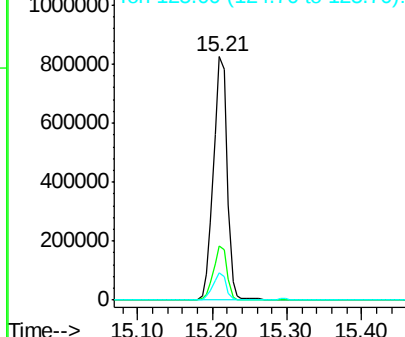
Delta R.T. -0.01 min

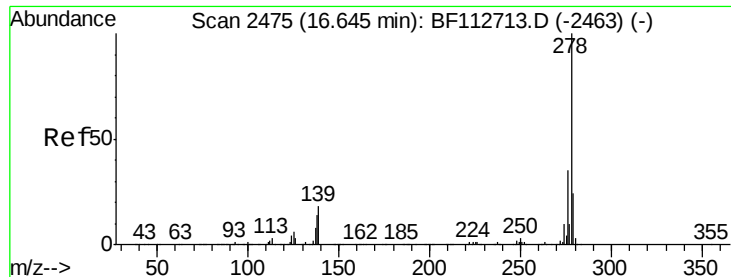
Lab File: BF113265.D

Acq: 24 Mar 2019 13:55

Tgt Ion:	252	Resp:	1048723
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	11.4	10.7	16.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





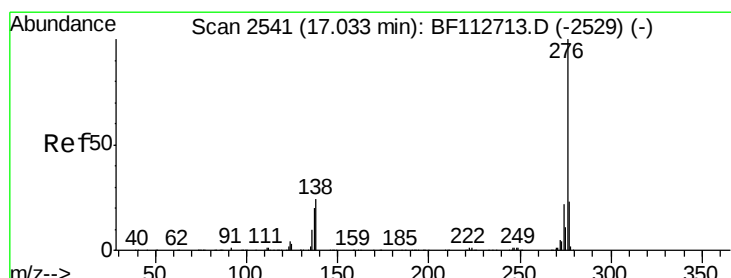
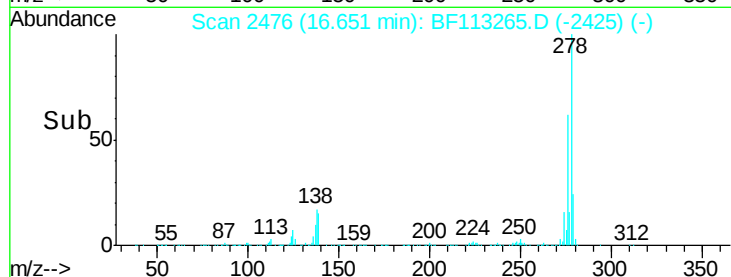
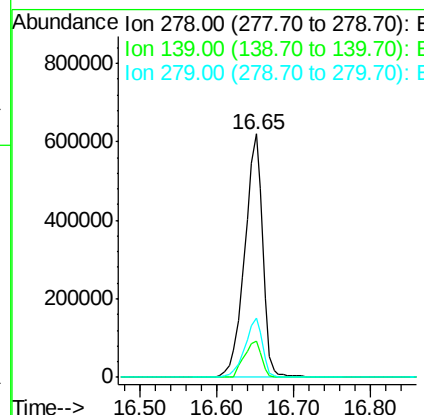
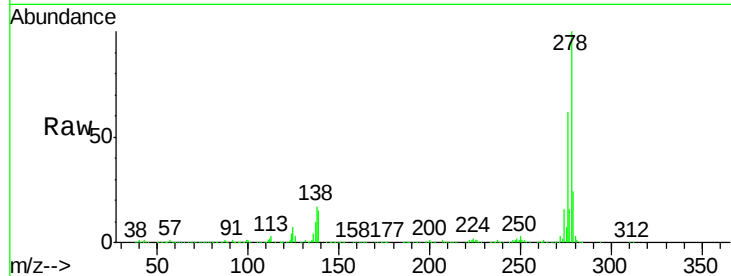
#91
Dibenzo(a,h)anthracene
Concen: 47.593 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Instrument :
BNA_F
ClientSampleId :
S3B(5-15)COMPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	14.3	21.5
279	24.2	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/26/2019 6:34:48 PM



#92
Benzo(g,h,i)perylene
Concen: 48.398 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BF113265.D
Acq: 24 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	19.3	19.4	29.0

