

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112712.D
 Acq On : 27 Feb 2019 11:15
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Quant Time: Feb 27 15:48:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 15:34:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	222296	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	885882	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	417806	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	822466	20.00	ng	0.00
76) Chrysene-d12	13.87	240	582563	20.00	ng	0.00
87) Perylene-d12	15.27	264	548945	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	732859	70.03	ng	0.00
7) Phenol-d6	6.36	99	924237	63.55	ng	0.00
23) Nitrobenzene-d5	7.30	82	766152	49.83	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	232706	47.85	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1399541	47.38	ng	0.00
79) Terphenyl-d14	12.83	244	1497350	48.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	179463	43.046	ng	100
3) Pyridine	3.14	79	502568	47.389	ng	99
4) n-Nitrosodimethylamine	3.06	42	212735	47.746	ng	98
6) Aniline	6.40	93	638696	36.920	ng	99
8) 2-Chlorophenol	6.52	128	409992	29.121	ng	96
9) Benzaldehyde	6.28	77	338345	44.513	ng	95
10) Phenol	6.38	94	559428	35.063	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	406521	32.364	ng	97
12) 1,3-Dichlorobenzene	6.68	146	422838	25.789	ng	99
13) 1,4-Dichlorobenzene	6.76	146	418518	24.802	ng	99
14) 1,2-Dichlorobenzene	6.91	146	394279	24.956	ng	98
15) Benzyl Alcohol	6.87	79	359410	29.318	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	690808	42.834	ng	100
17) 2-Methylphenol	6.99	107	327873	29.378	ng	96
18) Hexachloroethane	7.26	117	160280	27.049	ng	100
19) n-Nitroso-di-n-propylamine	7.15	70	286967	28.618	ng	95
20) 3+4-Methylphenols	7.15	107	386619	27.090	ng	# 87
22) Acetophenone	7.15	105	559058	25.917	ng	99
24) Nitrobenzene	7.32	77	432293	28.154	ng	98
25) Isophorone	7.56	82	807338	33.472	ng	98
26) 2-Nitrophenol	7.63	139	177908	21.681	ng	93
27) 2,4-Dimethylphenol	7.67	122	330027	29.191	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	515994	31.419	ng	100
29) 2,4-Dichlorophenol	7.87	162	316500	25.016	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	346137	23.801	ng	99
31) Naphthalene	8.05	128	1150913	27.781	ng	99
32) Benzoic acid	7.77	122	210182	32.592	ng	94
33) 4-Chloroaniline	8.09	127	483832	26.822	ng	97
34) Hexachlorobutadiene	8.17	225	196123	22.981	ng	97
35) Caprolactam	8.45	113	111874	25.066	ng	98
36) 4-Chloro-3-methylphenol	8.56	107	357797	26.714	ng	97
37) 2-Methylnaphthalene	8.73	142	738570	26.042	ng	99
38) 1-Methylnaphthalene	8.83	142	723747	26.625	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	319756	23.309	ng	99

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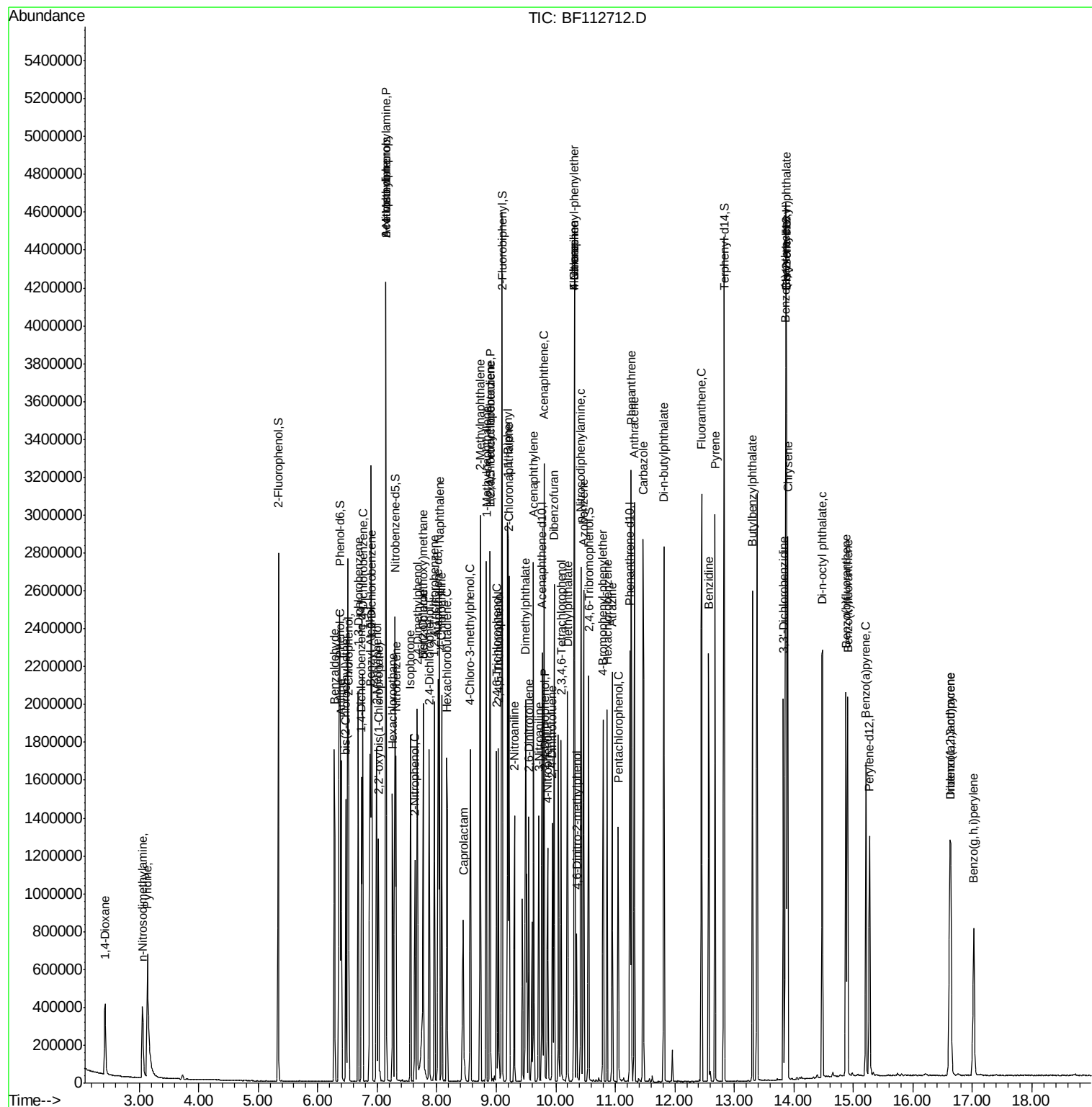
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	175943	43.203	nq	99
43) 2,4,6-Trichlorophenol	9.00	196	219740	25.986	nq	99
44) 2,4,5-Trichlorophenol	9.04	196	234124	26.492	nq	97
46) 1,1'-Biphenyl	9.20	154	919984	25.187	nq	99
47) 2-Chloronaphthalene	9.22	162	691087	24.399	nq	100
48) 2-Nitroaniline	9.30	65	212484	27.523	nq	96
49) Acenaphthylene	9.63	152	1176606	28.341	nq	99
50) Dimethylphthalate	9.49	163	806999	24.860	nq	100
51) 2,6-Dinitrotoluene	9.55	165	171213	23.550	nq #	84
52) Acenaphthene	9.80	154	681359	27.474	nq	99
53) 3-Nitroaniline	9.72	138	205037	26.032	nq	95
54) 2,4-Dinitrophenol	9.82	184	50494	21.642	nq #	83
55) Dibenzofuran	9.97	168	1001581	26.428	nq	98
56) 4-Nitrophenol	9.86	139	167386	40.197	nq	99
57) 2,4-Dinitrotoluene	9.95	165	214465	23.172	nq #	83
58) Fluorene	10.32	166	715735	25.237	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	198655	29.745	nq	100
60) Diethylphthalate	10.20	149	845872	26.258	nq	100
61) 4-Chlorophenyl-phenylether	10.31	204	332882	21.577	nq	97
62) 4-Nitroaniline	10.32	138	182577	23.633	nq	98
63) Azobenzene	10.47	77	870056	30.710	nq	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	73954	16.038	nq	97
66) n-Nitrosodiphenylamine	10.43	169	671756	24.234	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	220855	22.831	nq	94
68) Hexachlorobenzene	10.86	284	252986	24.376	nq	95
69) Atrazine	10.95	200	209359	23.407	nq	99
70) Pentachlorophenol	11.05	266	149271	36.964	nq	98
71) Phenanthrene	11.27	178	1108902	25.934	nq	99
72) Anthracene	11.32	178	1120610	26.310	nq	99
73) Carbazole	11.47	167	1077601	25.648	nq	100
74) Di-n-butylphthalate	11.82	149	1317523	25.264	nq	99
75) Fluoranthene	12.45	202	1185157	25.842	nq	98
77) Benzidine	12.57	184	778711	48.566	nq	99
78) Pyrene	12.67	202	1207755	29.944	nq	99
80) Butylbenzylphthalate	13.30	149	542763	27.814	nq	98
81) Benzo(a)anthracene	13.86	228	1012158	29.555	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	395467	30.856	nq	98
83) Chrysene	13.90	228	978687	29.939	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	645373	23.299	nq #	98
85) Di-n-octyl phthalate	14.48	149	1104089	25.907	nq	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	766686	29.599	nq	100
88) Benzo(b)fluoranthene	14.87	252	905834	27.592	nq	99
89) Benzo(k)fluoranthene	14.90	252	824874	26.232	nq	98
90) Benzo(a)pyrene	15.22	252	798313	27.025	nq	99
91) Dibenzo(a,h)anthracene	16.64	278	627446	26.355	nq	100
92) Benzo(g,h,i)perylene	17.02	276	602332	26.817	nq	98

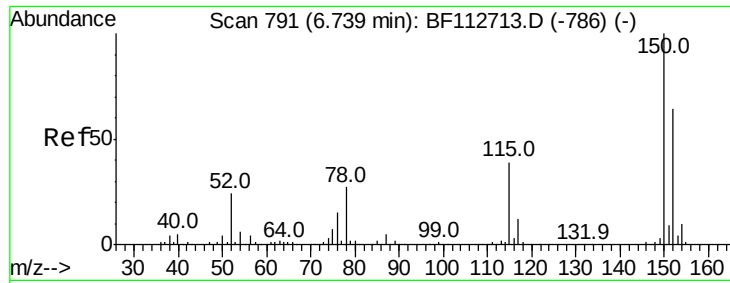
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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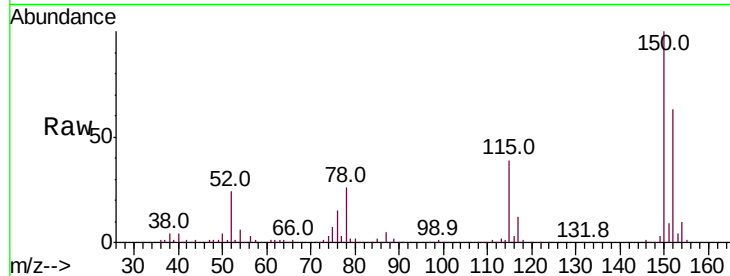


#1

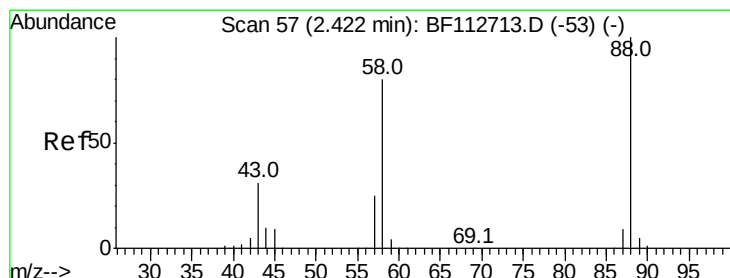
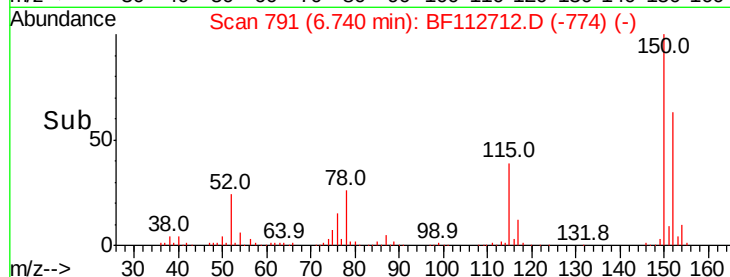
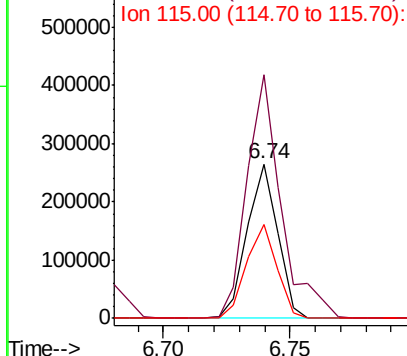
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:152 Resp: 222296
Ion Ratio Lower Upper
152 100
150 157.7 124.2 186.2
115 61.1 48.2 72.4



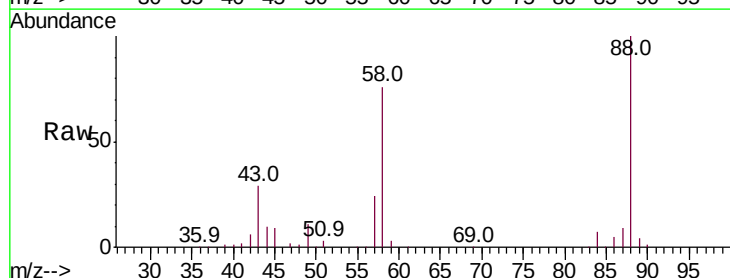
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



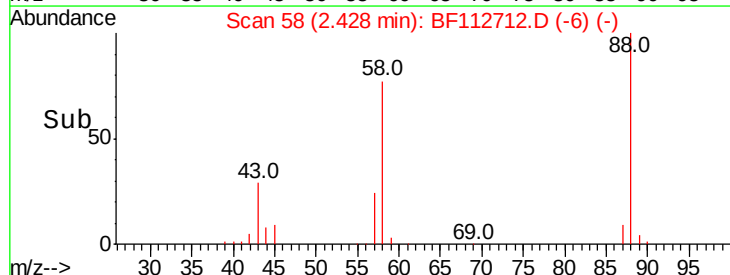
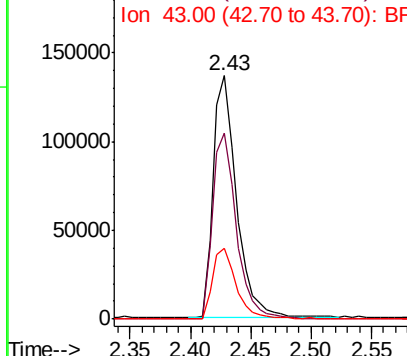
#2

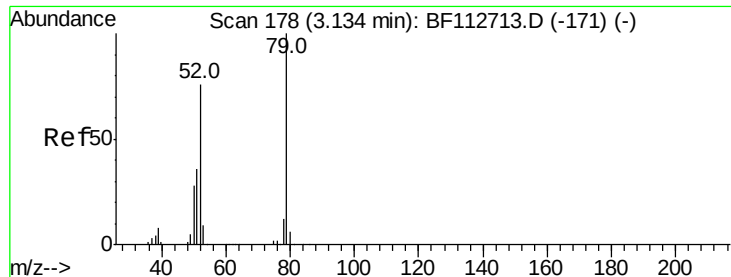
1,4-Dioxane
Concen: 43.046 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion: 88 Resp: 179463
Ion Ratio Lower Upper
88 100
58 79.2 63.1 94.7
43 29.9 24.3 36.5



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 47.389 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

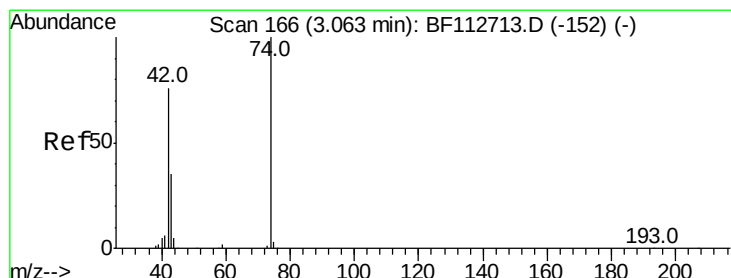
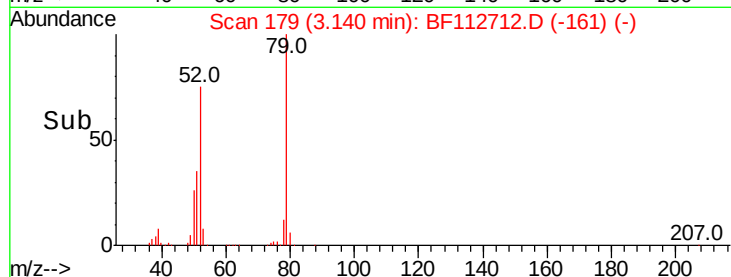
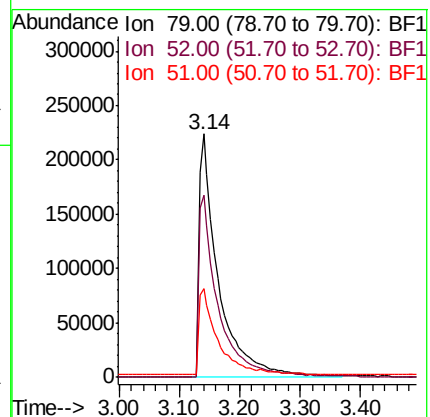
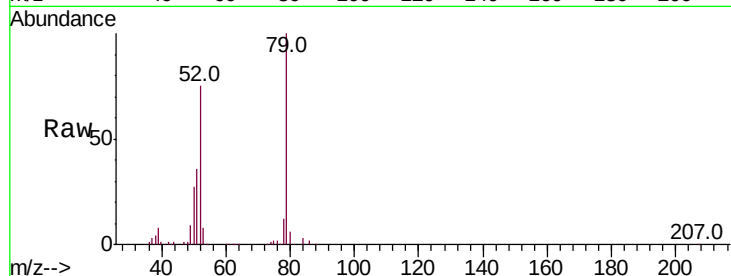
Tot Ion: 79 Resp: 502568

Ion Ratio Lower Upper

79 100

52 75.0 60.5 90.7

51 36.4 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 47.746 ng

RT: 3.06 min Scan# 165

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

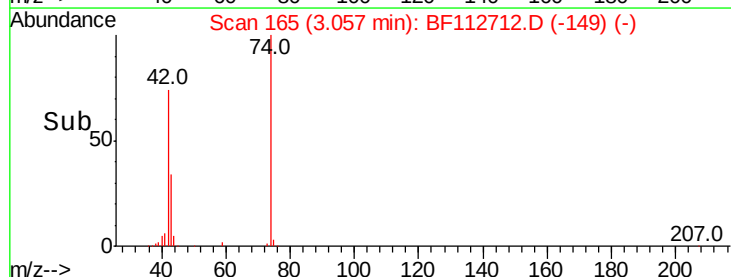
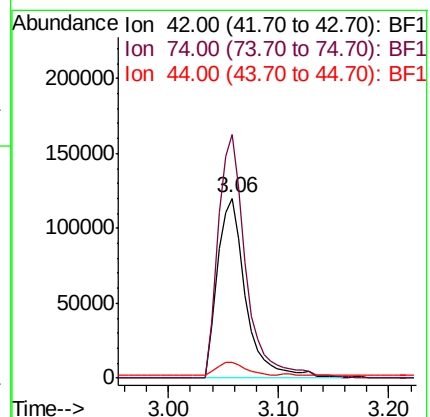
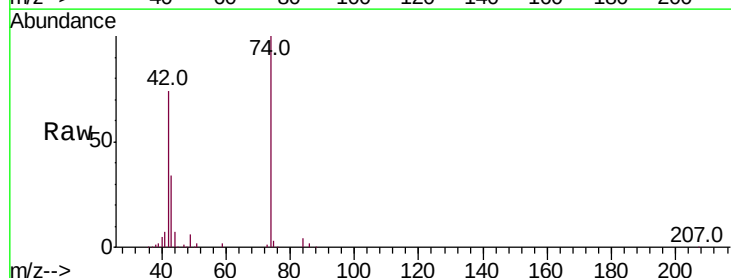
Tgt Ion: 42 Resp: 212735

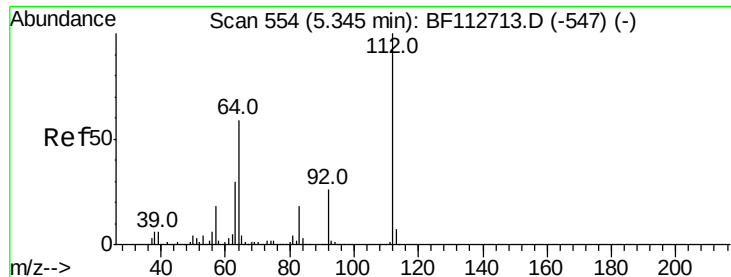
Ion Ratio Lower Upper

42 100

74 135.1 105.8 158.8

44 9.0 6.2 9.2





#5

2-Fluorophenol

Concen: 70.026 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

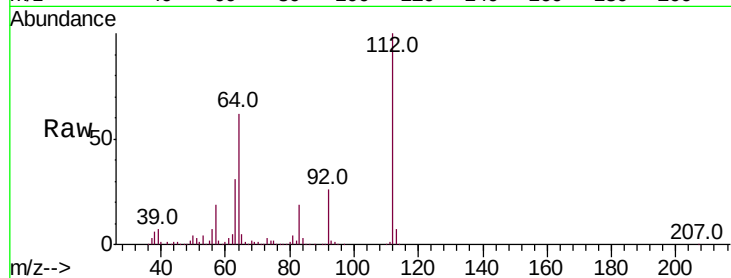
Tot Ion:112 Resp: 732859

Ion Ratio Lower Upper

112 100

64 61.9 47.6 71.4

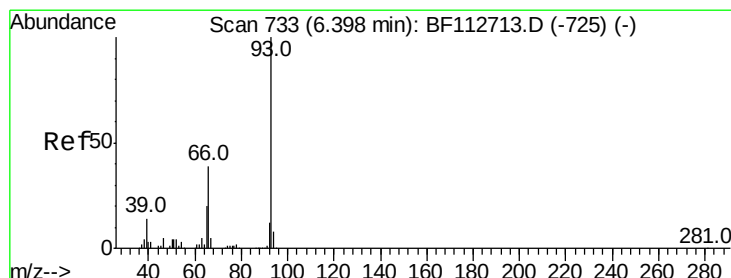
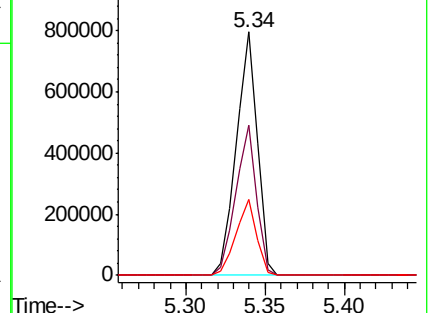
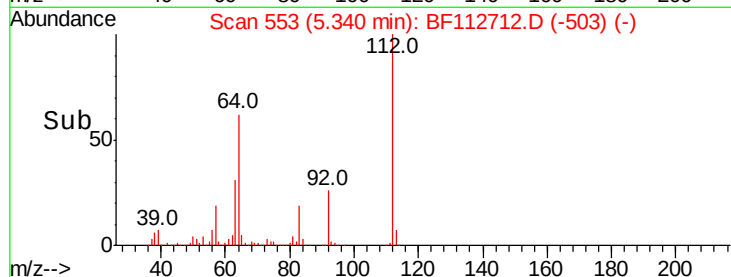
63 31.3 24.4 36.6



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: 36.920 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

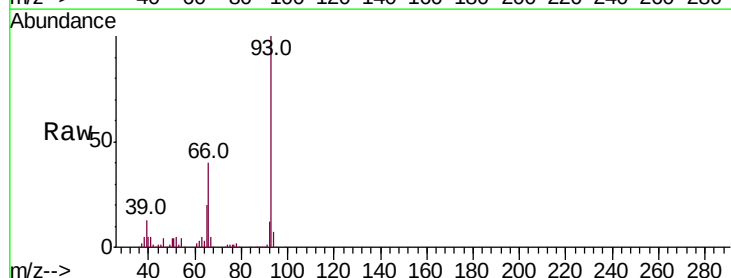
Tgt Ion: 93 Resp: 638696

Ion Ratio Lower Upper

93 100

66 39.5 32.2 48.2

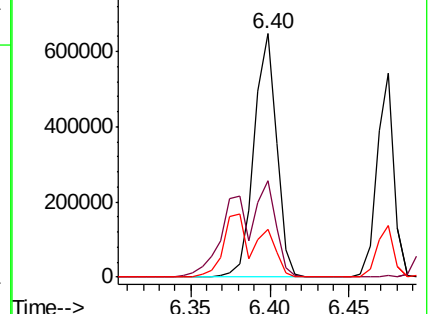
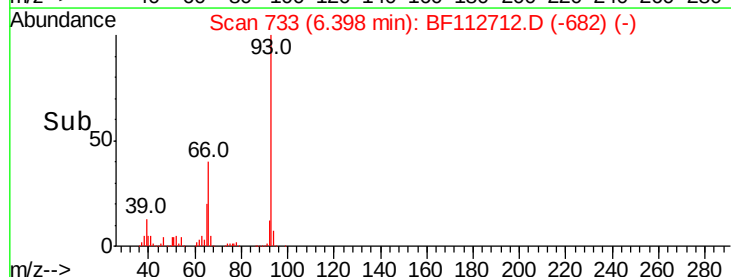
65 19.7 16.2 24.4

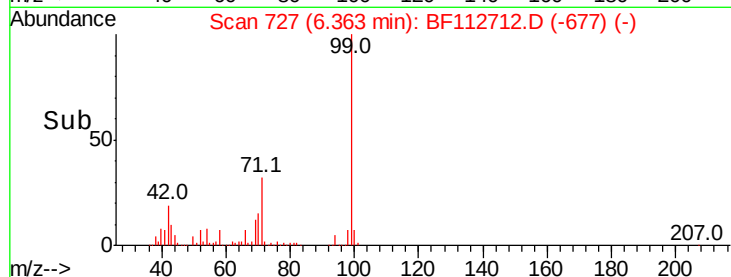
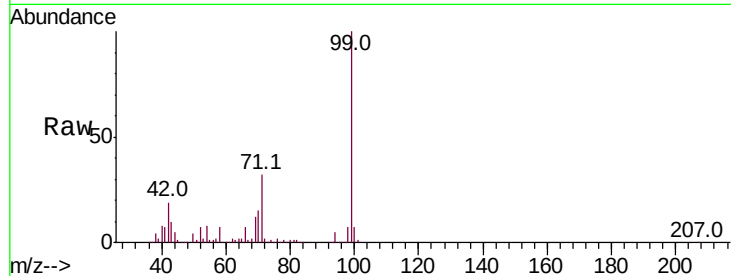
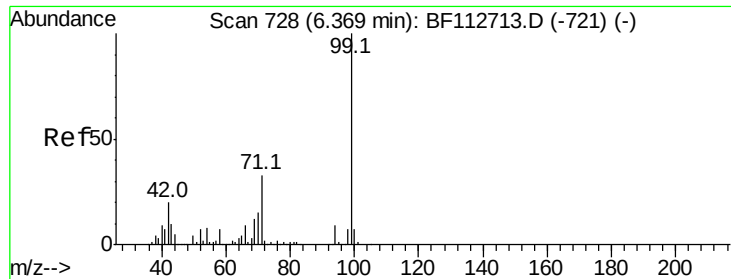


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 63.554 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

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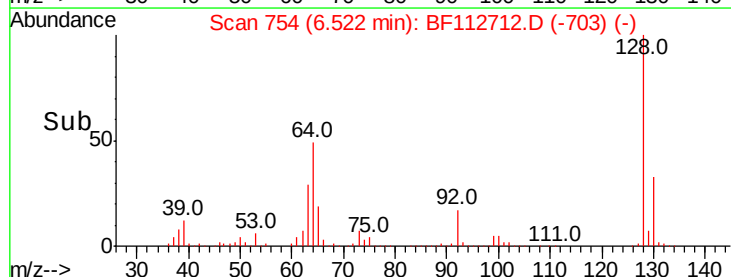
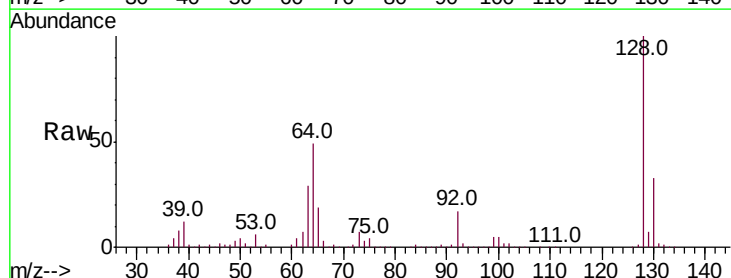
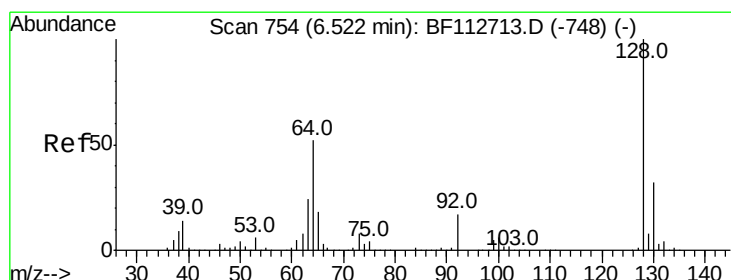
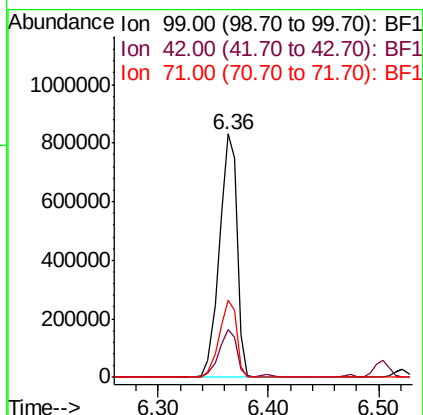
Tot Ion: 99 Resp: 924237

Ion Ratio Lower Upper

99 100

42 19.4 16.3 24.5

71 31.7 26.2 39.4



#8

2-Chlorophenol

Concen: 29.121 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

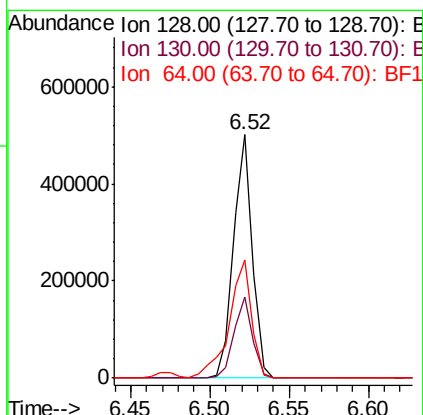
Tgt Ion:128 Resp: 409992

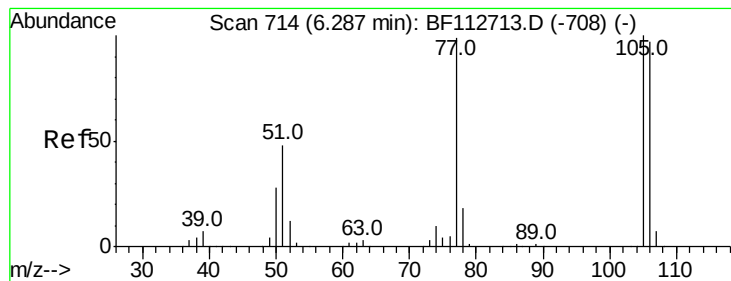
Ion Ratio Lower Upper

128 100

130 33.1 12.4 52.4

64 48.6 32.2 72.2





#9

Benzaldehyde

Concen: 44.513 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

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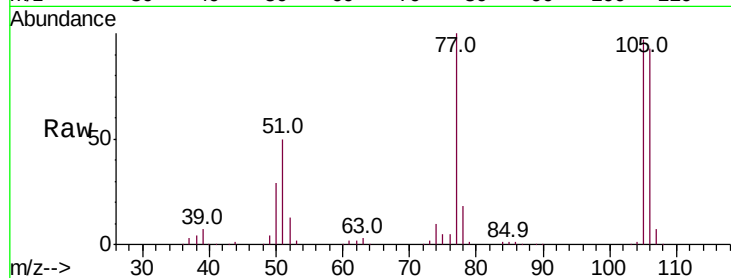
Tot Ion: 77 Resp: 338345

Ion Ratio Lower Upper

77 100

105 96.7 81.4 121.4

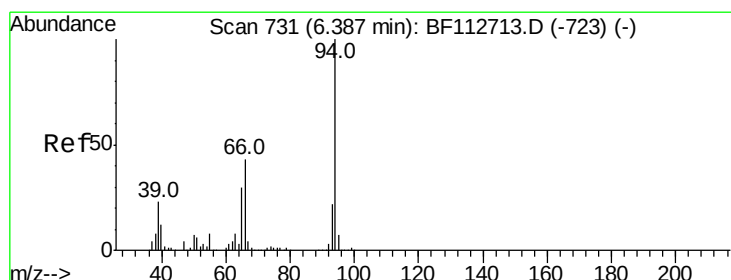
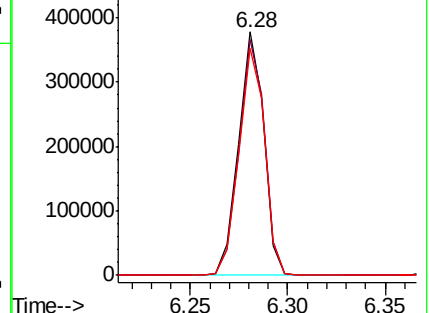
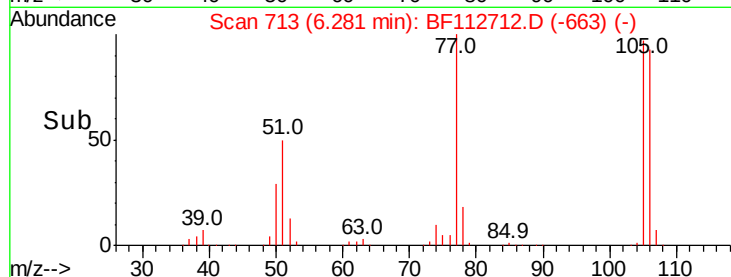
106 93.0 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.063 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

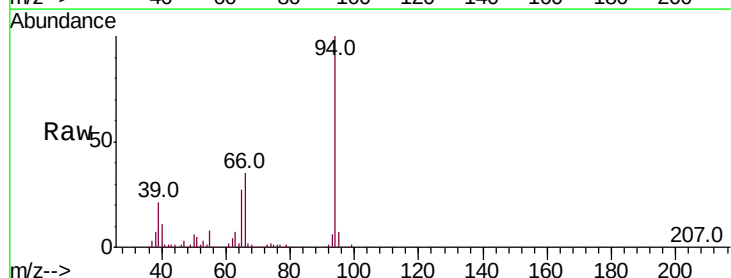
Tgt Ion: 94 Resp: 559428

Ion Ratio Lower Upper

94 100

65 26.6 10.5 50.5

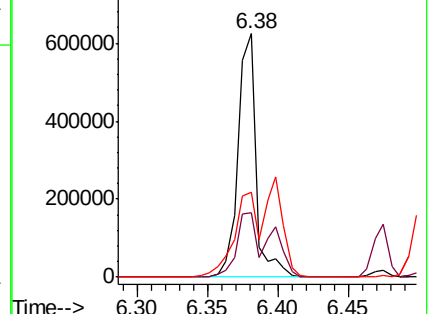
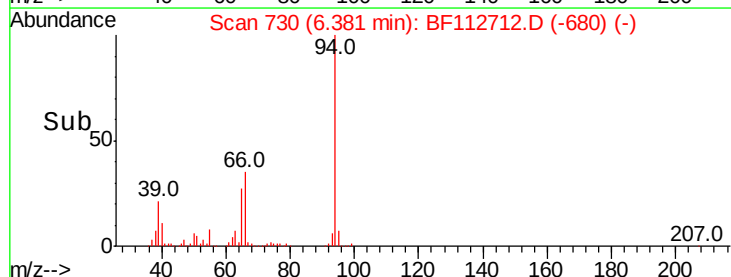
66 34.8 22.6 62.6

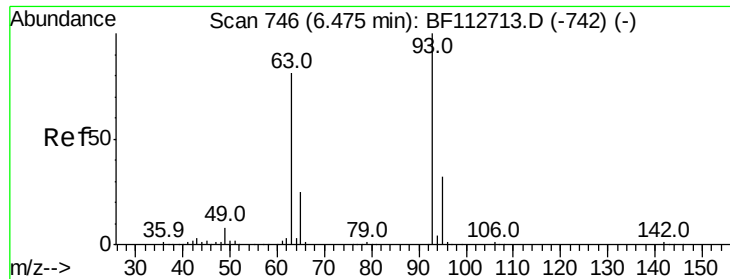


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

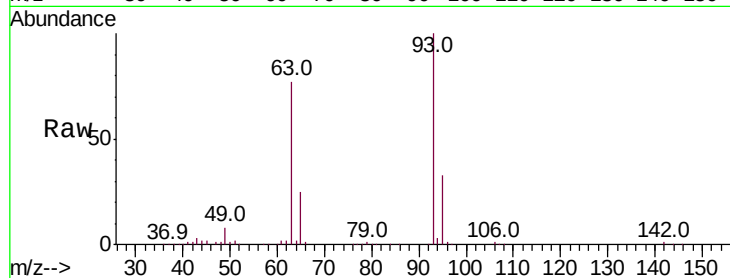




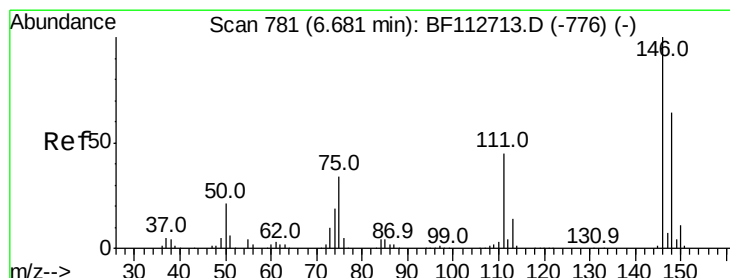
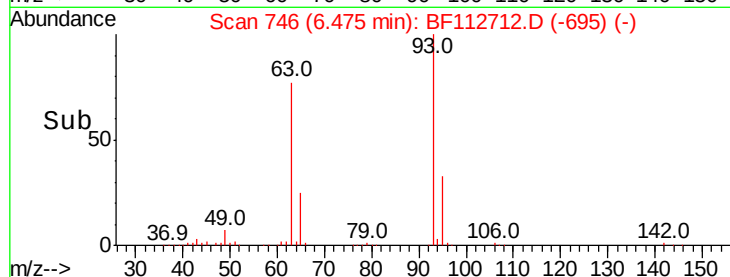
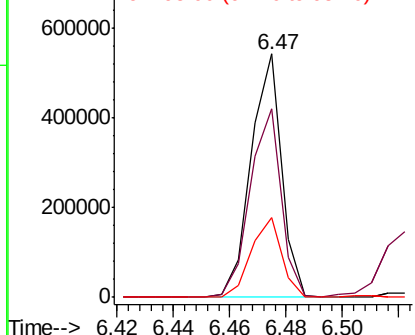
#11
bis(2-Chloroethyl)ether
Concen: 32.364 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion: 93 Resp: 406521
Ion Ratio Lower Upper
93 100
63 77.2 60.5 100.5
95 32.9 12.1 52.1

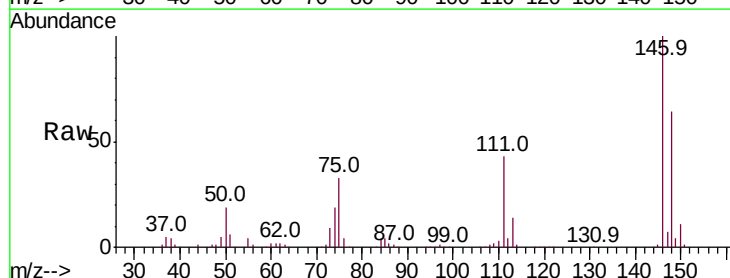


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

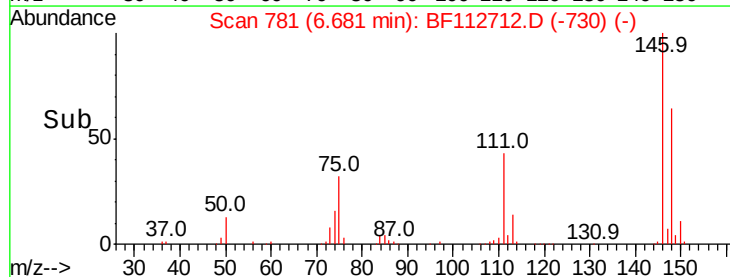
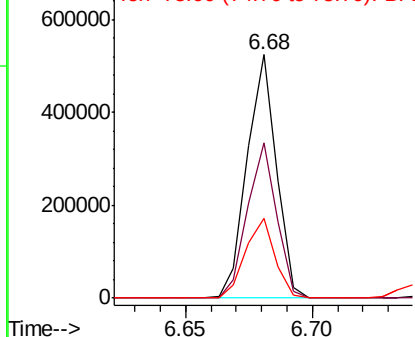


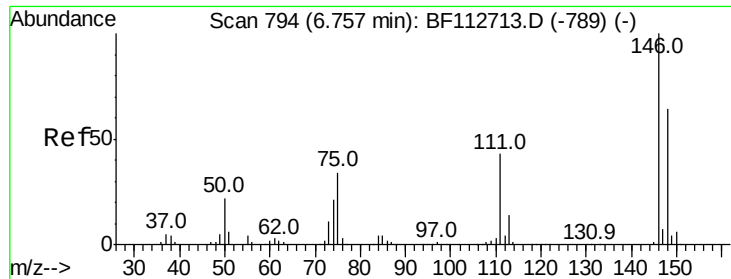
#12
1,3-Dichlorobenzene
Concen: 25.789 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion: 146 Resp: 422838
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
75 33.0 26.9 40.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

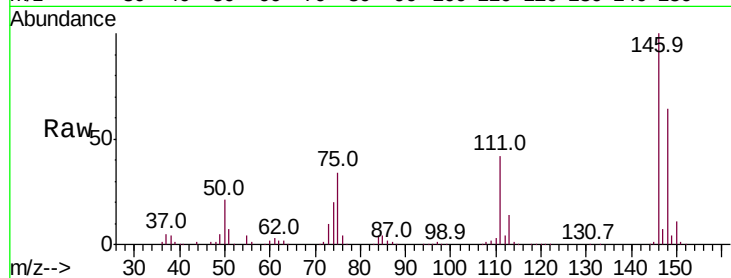




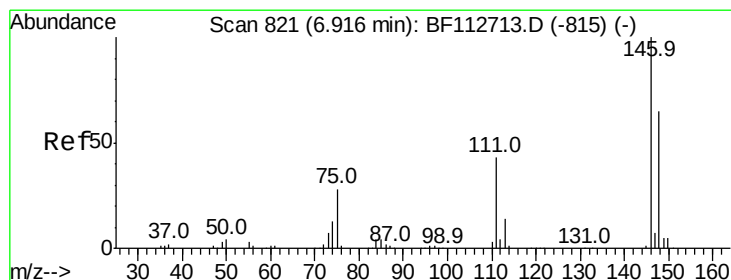
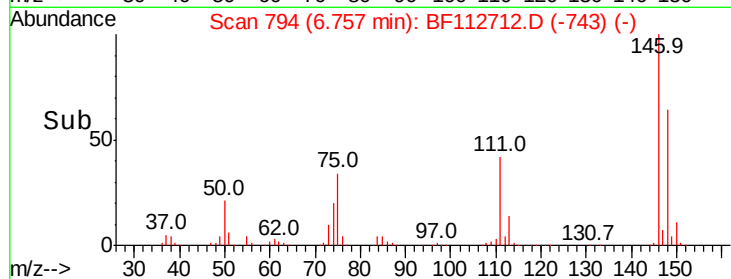
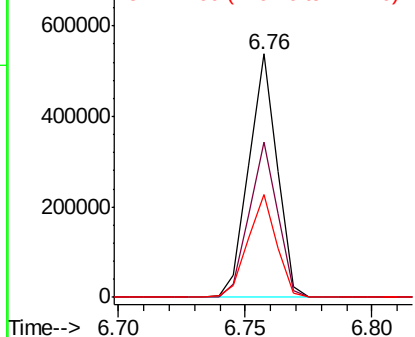
#13
 1,4-Dichlorobenzene
 Concen: 24.802 ng
 RT: 6.76 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:146 Resp: 418518
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.4
 111 42.2 34.5 51.7

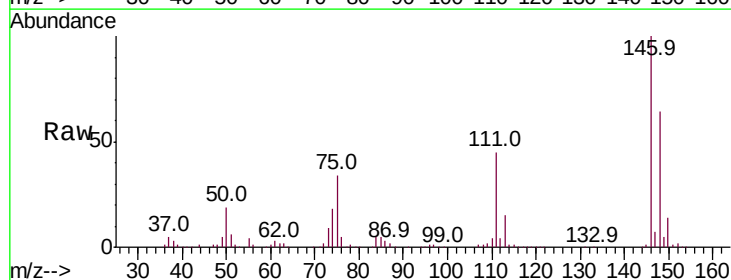


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

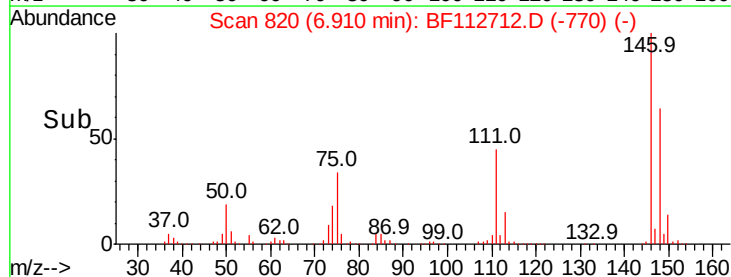
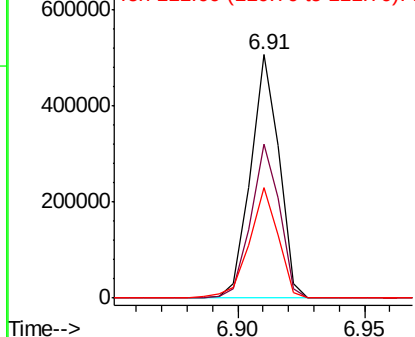


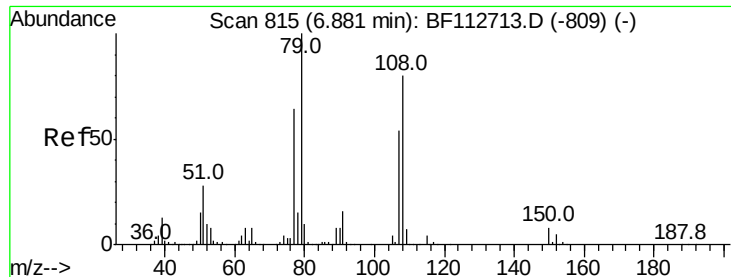
#14
 1,2-Dichlorobenzene
 Concen: 24.956 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

Tgt Ion:146 Resp: 394279
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.0 78.0
 111 45.3 34.8 52.2



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





#15

Benzyl Alcohol

Concen: 29.318 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

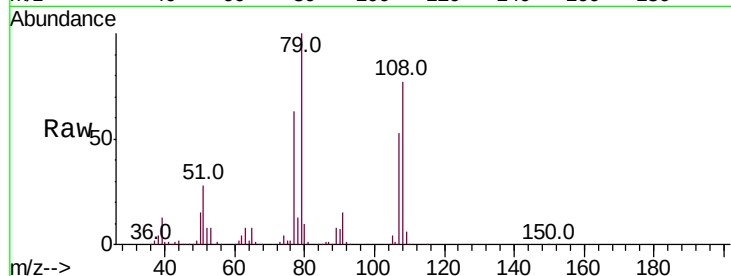
Tot Ion: 79 Resp: 359410

Ion Ratio Lower Upper

79 100

108 77.4 64.2 96.4

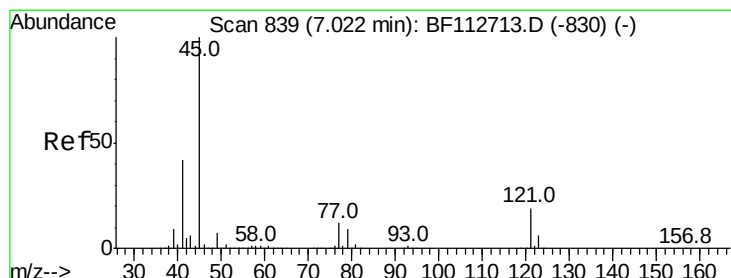
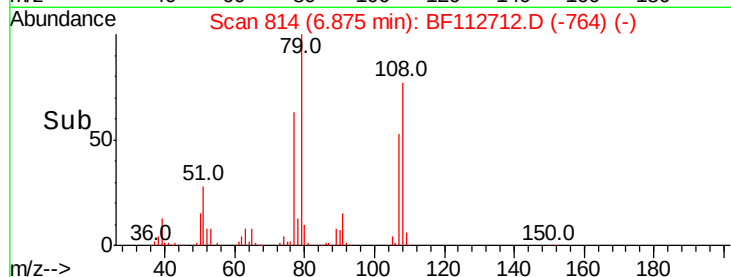
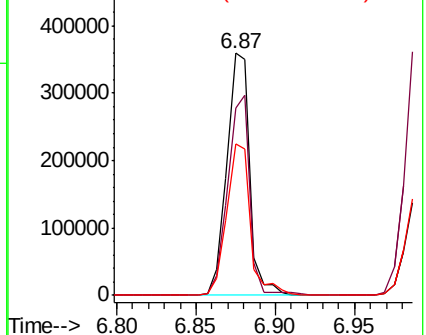
77 62.8 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.834 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

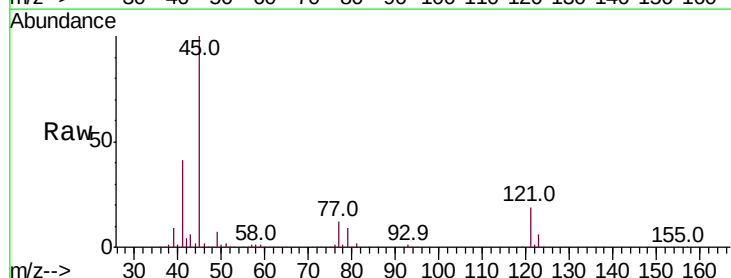
Tgt Ion: 45 Resp: 690808

Ion Ratio Lower Upper

45 100

77 11.9 0.0 32.1

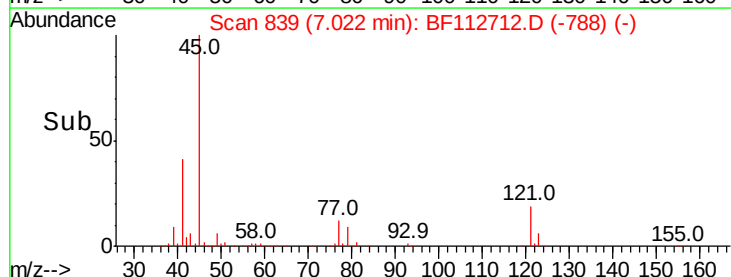
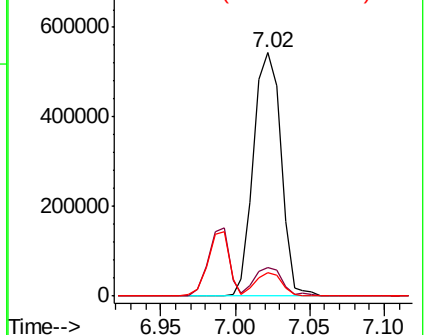
79 9.5 0.0 29.4

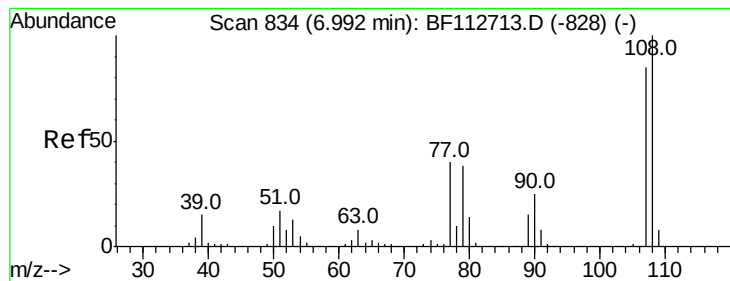


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

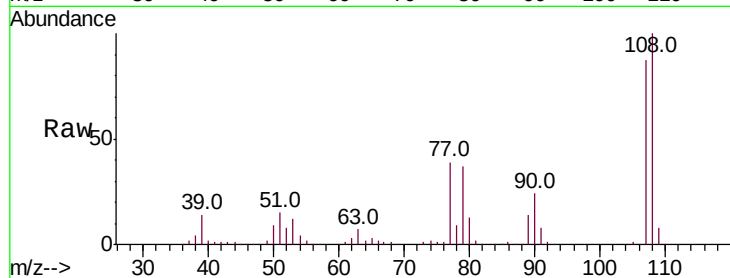




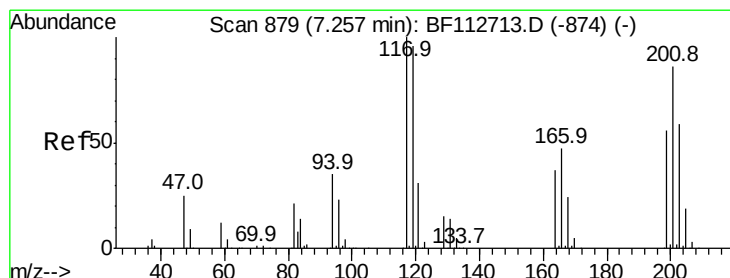
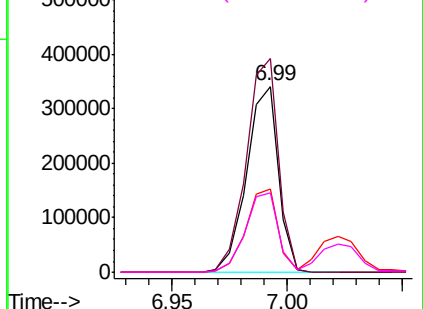
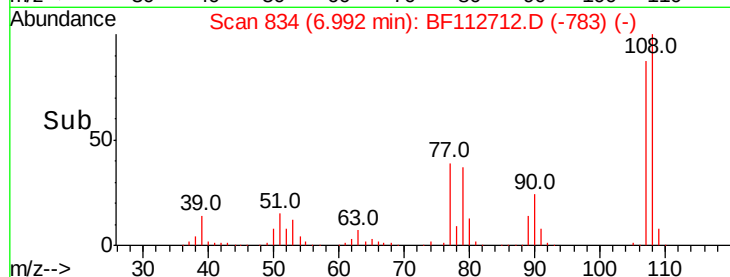
#17
2-Methylphenol
Concen: 29.378 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:107 Resp: 327873
Ion Ratio Lower Upper
107 100
108 114.7 94.6 142.0
77 44.4 37.8 56.8
79 42.4 36.2 54.2

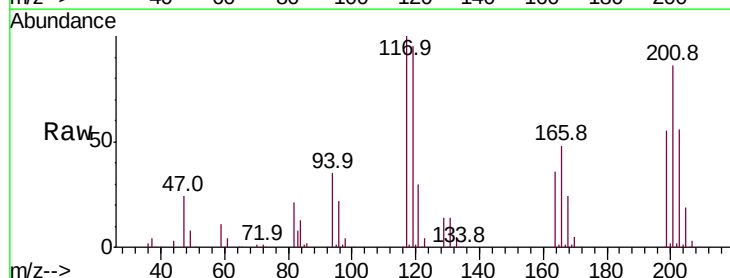


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

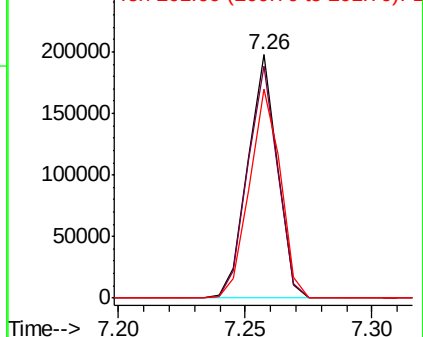
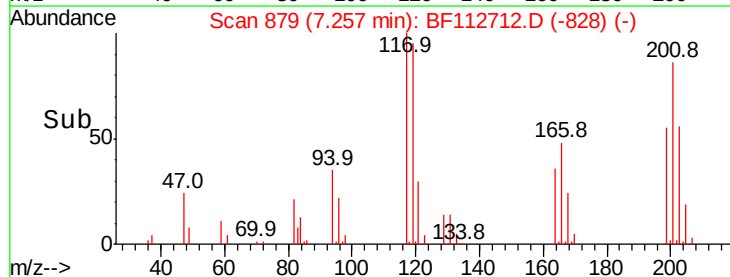


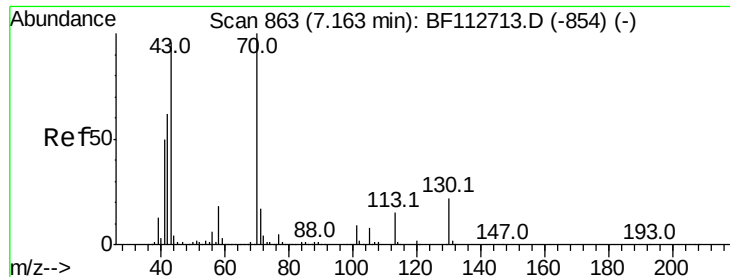
#18
Hexachloroethane
Concen: 27.049 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion:117 Resp: 160280
Ion Ratio Lower Upper
117 100
119 95.1 76.6 115.0
201 85.9 68.9 103.3



Abundance Ion 117.00 (116.70 to 117.70): E
250000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 28.618 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion: 70 Resp: 286967

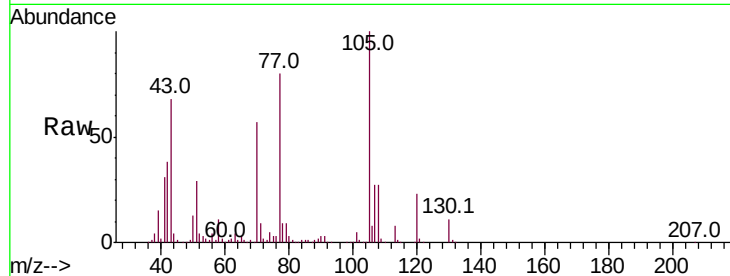
Ion Ratio Lower Upper

70 100

42 66.5 49.9 74.9

101 9.5 7.4 11.2

130 19.9 17.4 26.2

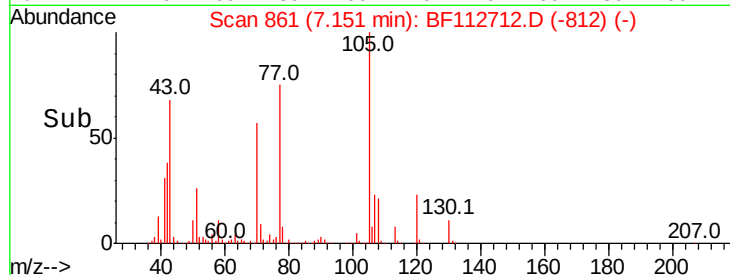
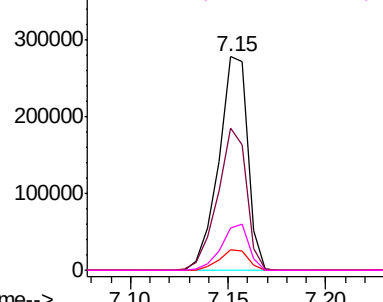


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 27.090 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Tgt Ion:107 Resp: 386619

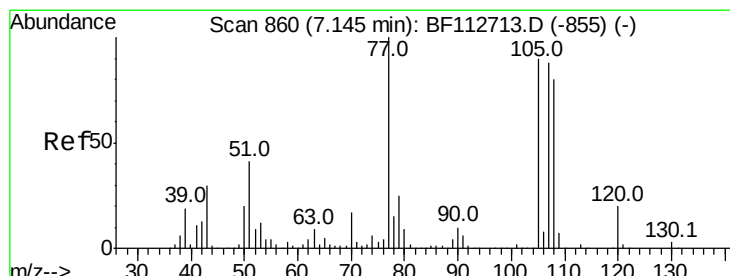
Ion Ratio Lower Upper

107 100

108 95.2 71.4 111.4

77 137.8 94.1 134.1#

79 30.2 8.6 48.6

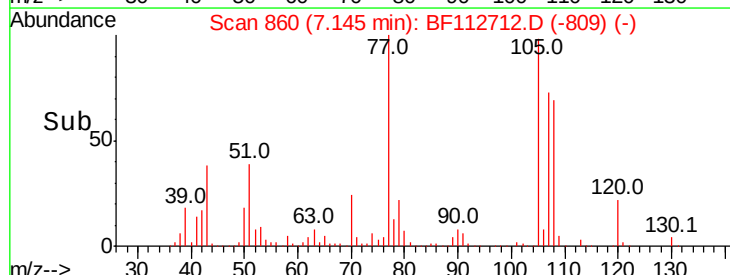
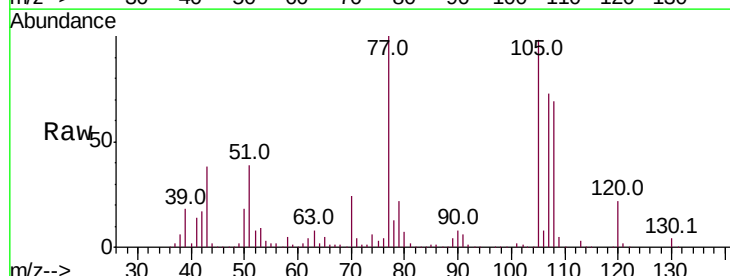
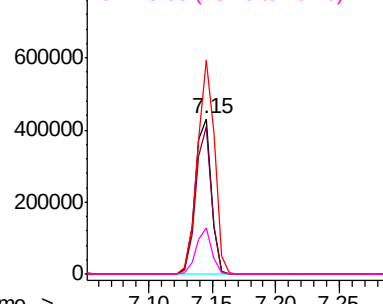


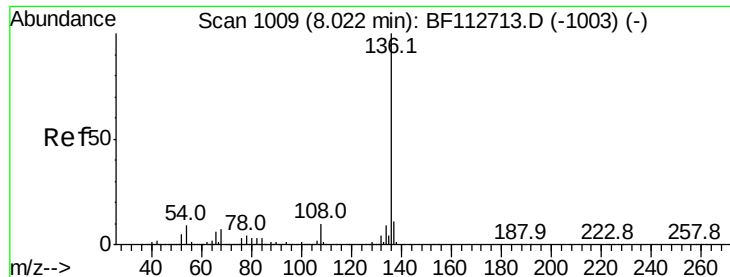
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

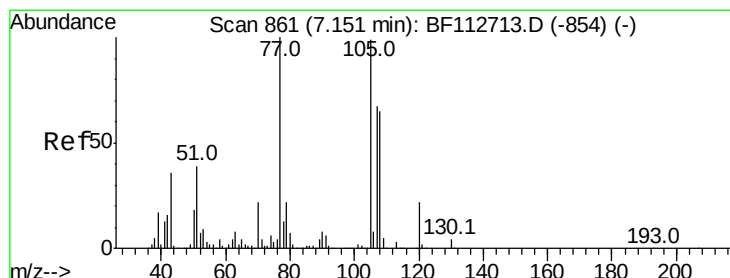
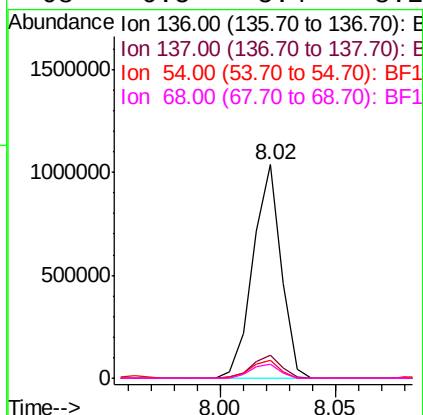
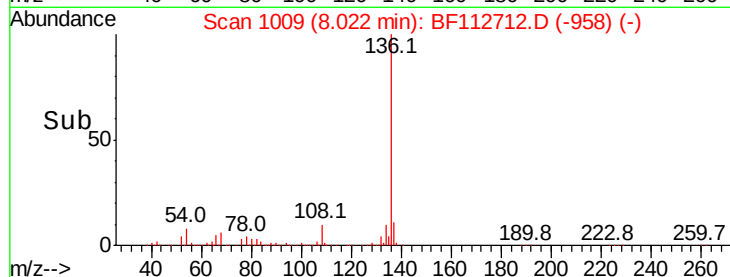
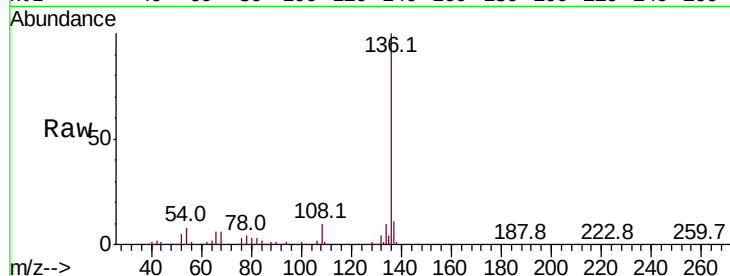




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

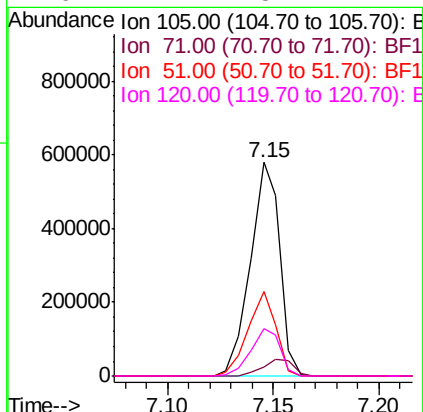
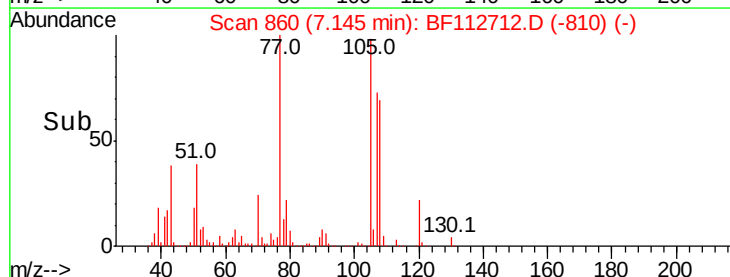
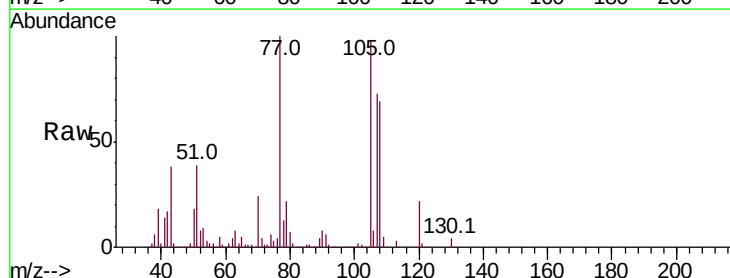
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

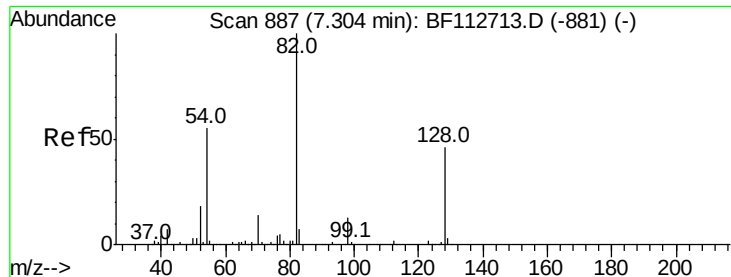
Tot Ion:136	Resp: 885882
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 8.4	7.3 10.9
68 6.5	5.4 8.2



#22
Acetophenone
Concen: 25.917 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt	Ion:105	Resp:	559058
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.0	4.4
51	39.8	31.5	47.3
120	22.2	18.1	27.1

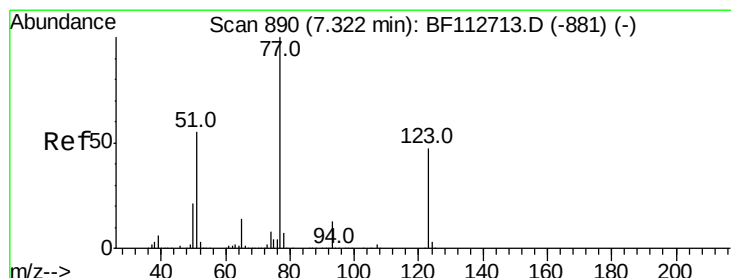
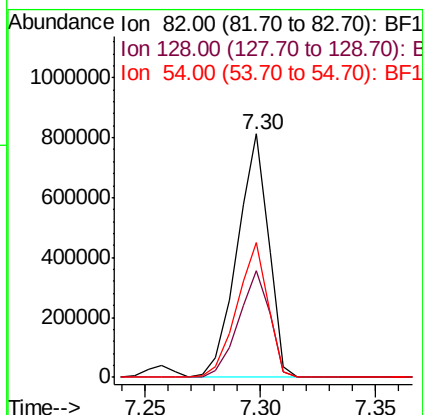
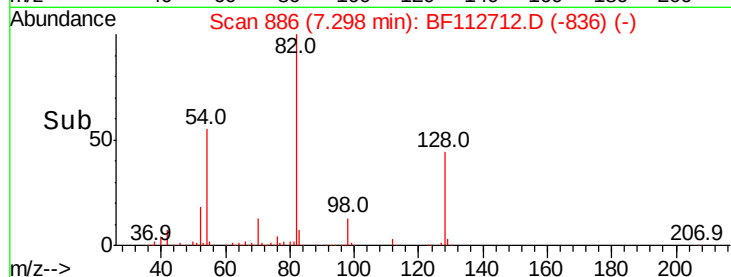
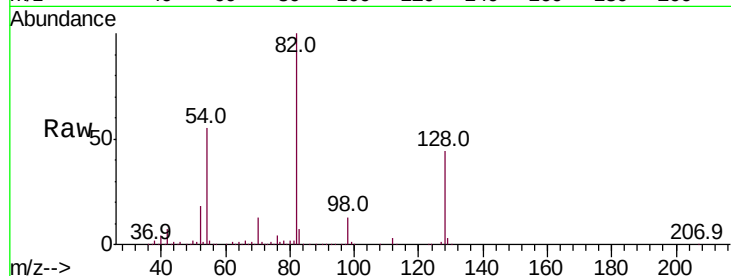




#23
Nitrobenzene-d5
Concen: 49.832 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

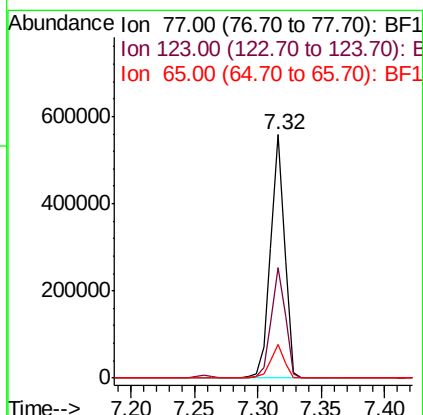
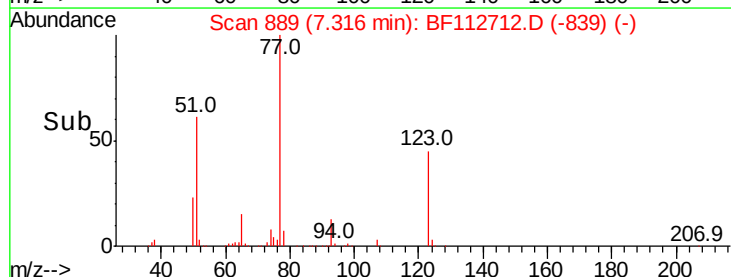
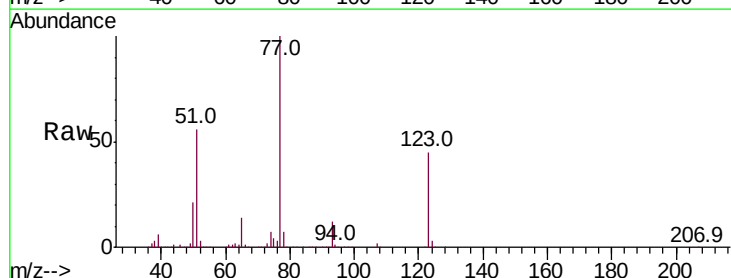
Instrument :
BNA_F
ClientSampled :
SSTDIC025

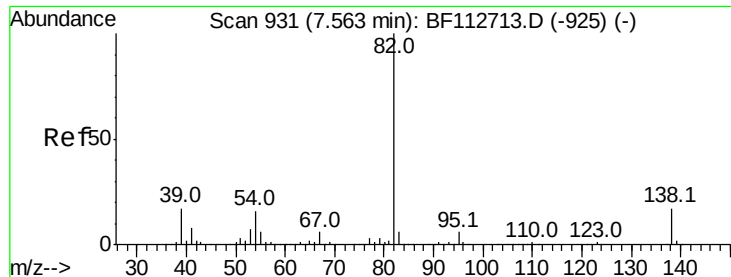
Tot Ion: 82 Resp: 766152
Ion Ratio Lower Upper
82 100
128 43.6 36.3 54.5
54 55.2 43.7 65.5



#24
Nitrobenzene
Concen: 28.154 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion: 77 Resp: 432293
Ion Ratio Lower Upper
77 100
123 45.2 37.8 56.6
65 13.7 11.1 16.7





#25

Isophorone

Concen: 33.472 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

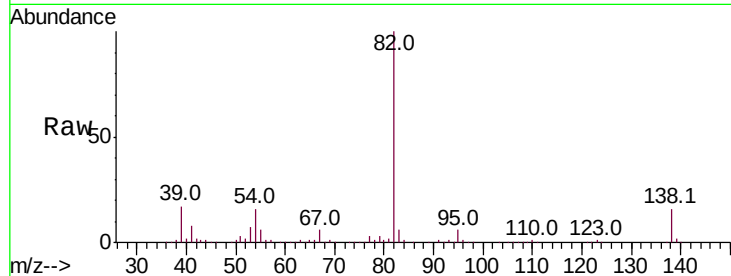
Tot Ion: 82 Resp: 807338

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

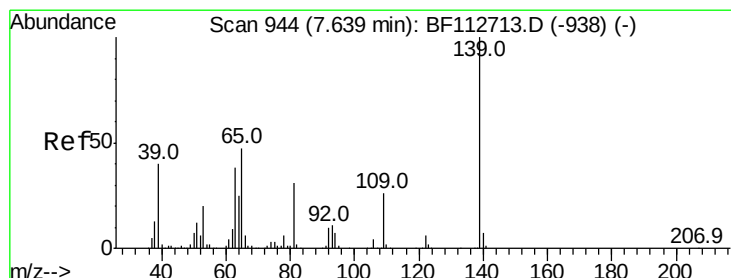
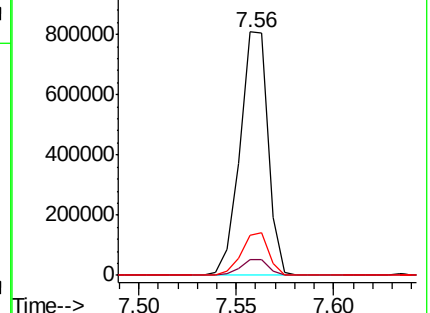
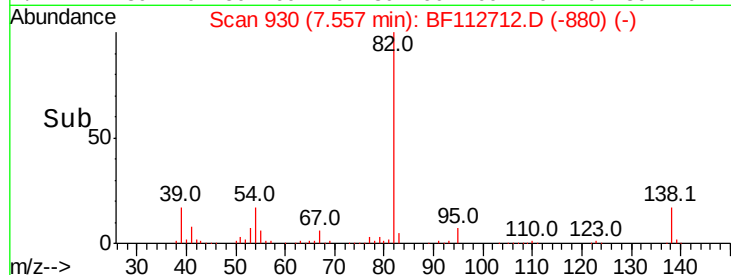
138 16.3 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 21.681 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

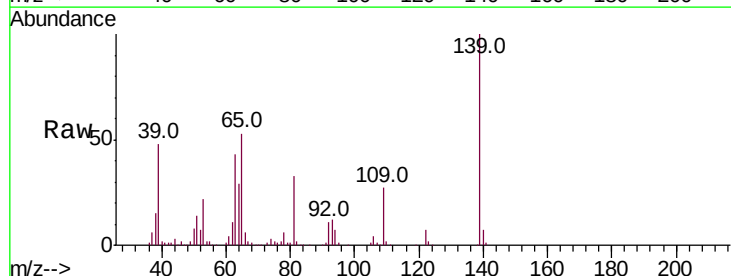
Tgt Ion: 139 Resp: 177908

Ion Ratio Lower Upper

139 100

109 27.0 20.6 31.0

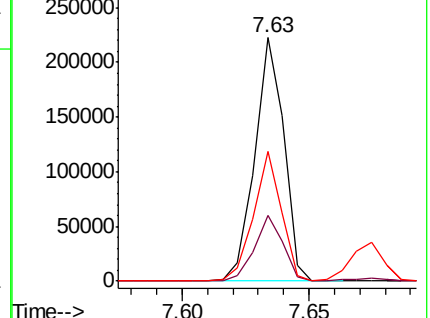
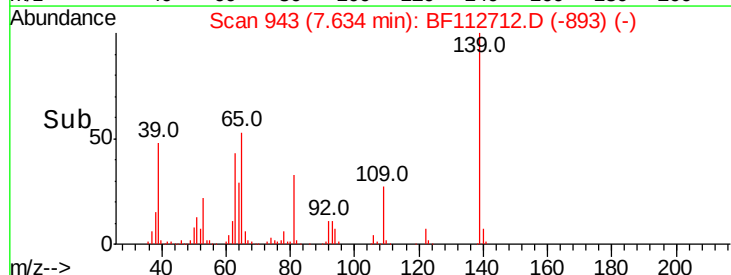
65 53.4 37.9 56.9

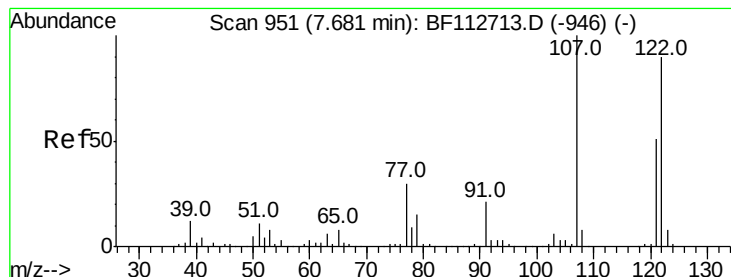


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 29.191 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

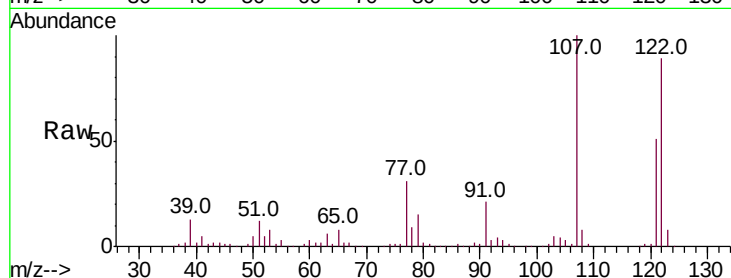
Tot Ion:122 Resp: 330027

Ion Ratio Lower Upper

122 100

107 112.4 89.4 134.0

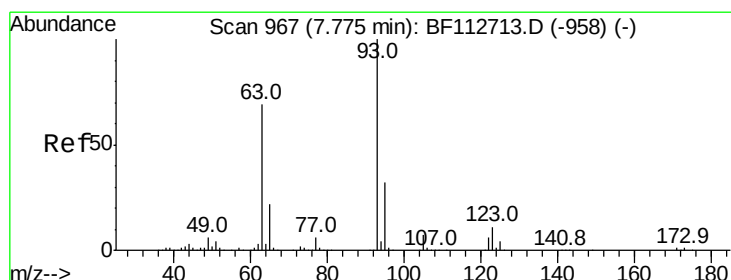
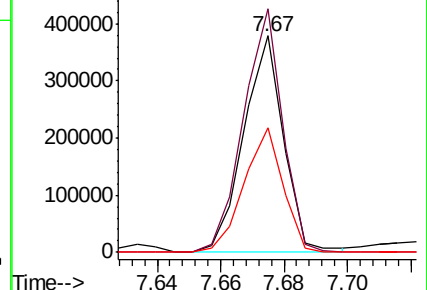
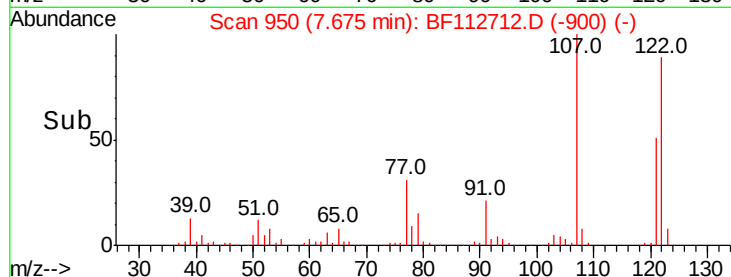
121 57.6 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.419 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

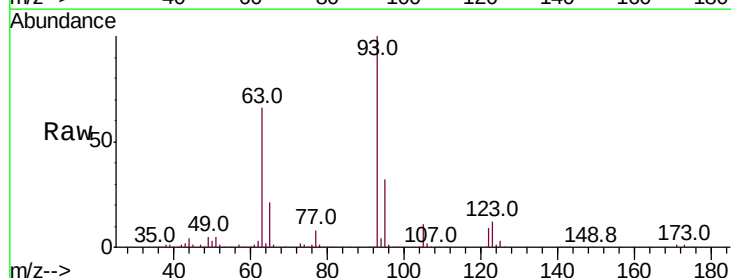
Tgt Ion: 93 Resp: 515994

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

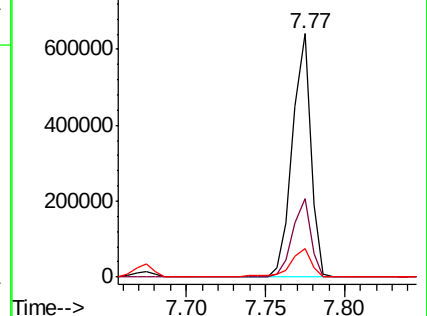
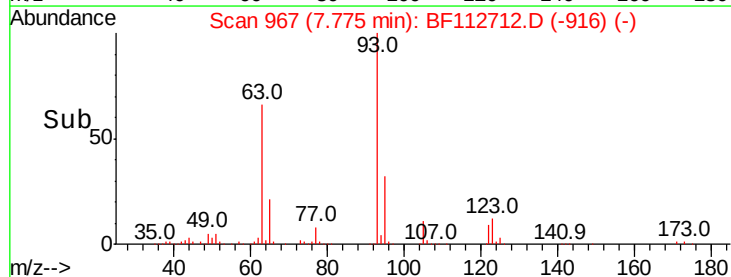
123 11.9 9.3 13.9

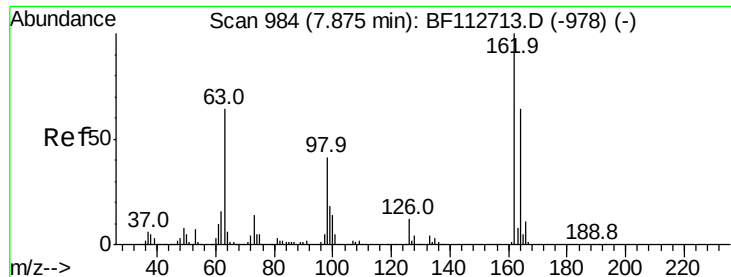


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 25.016 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

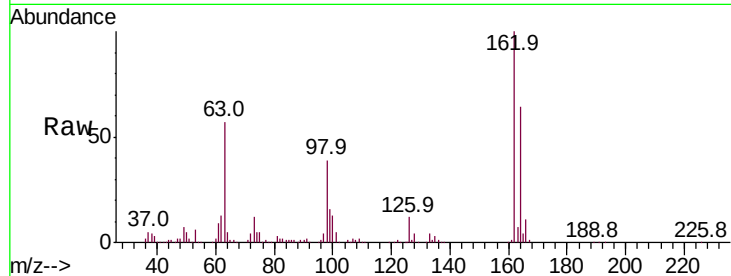
Tot Ion:162 Resp: 316500

Ion Ratio Lower Upper

162 100

164 63.9 44.0 84.0

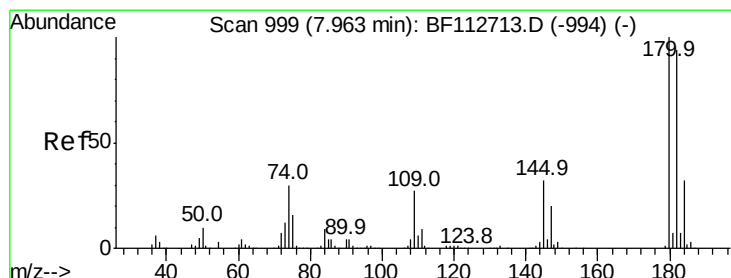
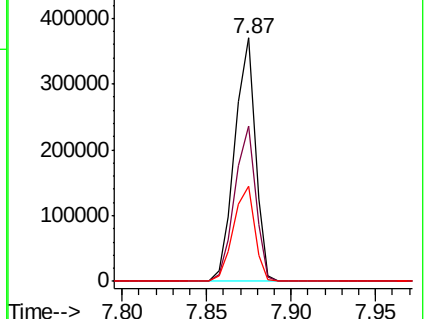
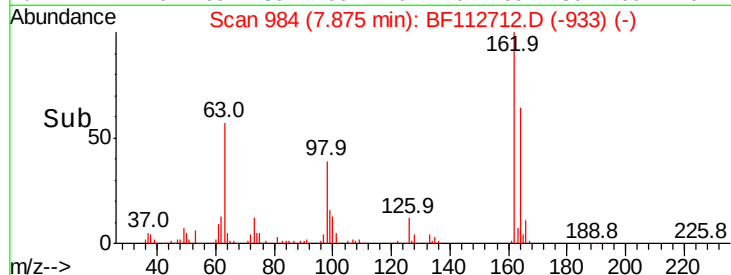
98 38.8 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 23.801 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

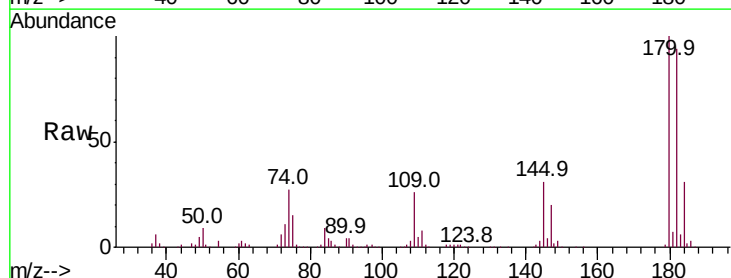
Tgt Ion:180 Resp: 346137

Ion Ratio Lower Upper

180 100

182 93.6 75.2 112.8

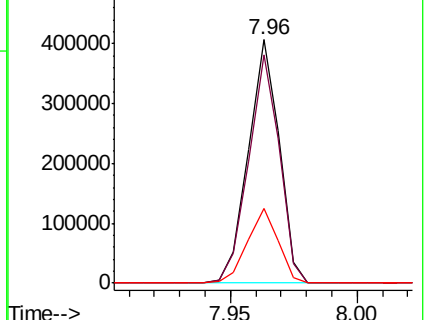
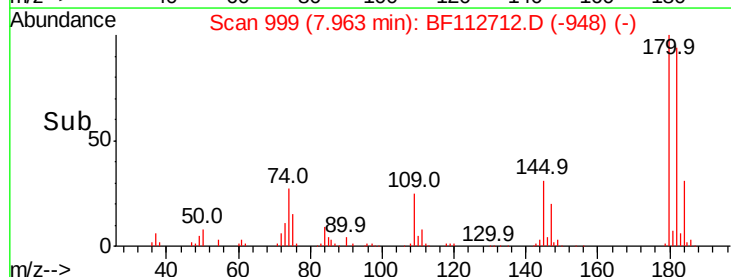
145 30.9 25.4 38.0

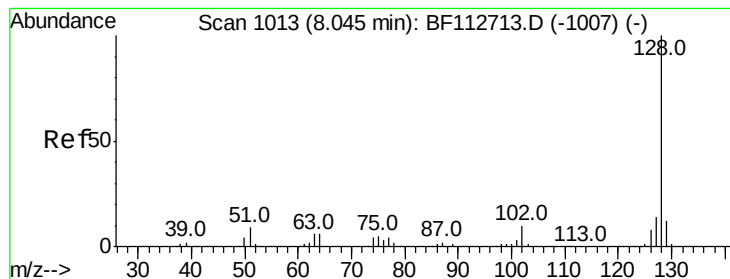


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 27.781 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

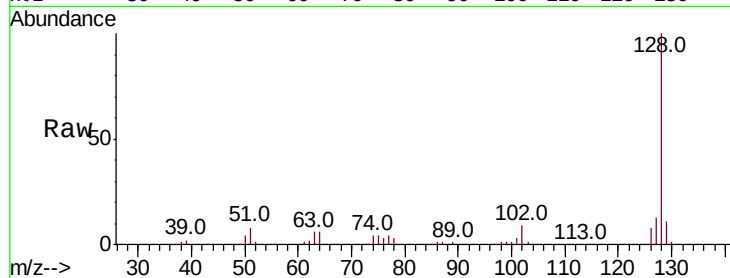
Tot Ion:128 Resp: 1150913

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

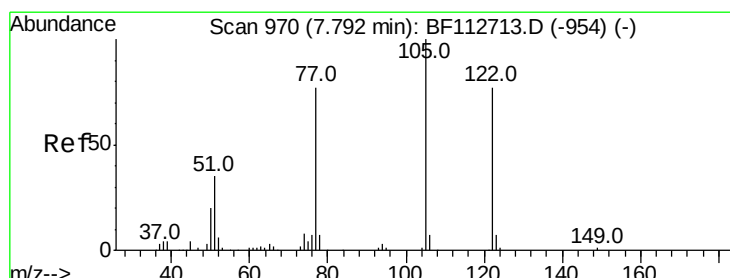
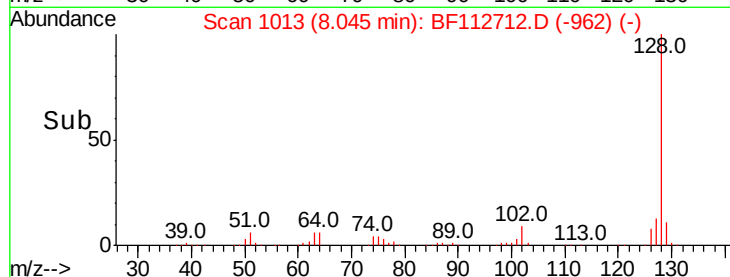
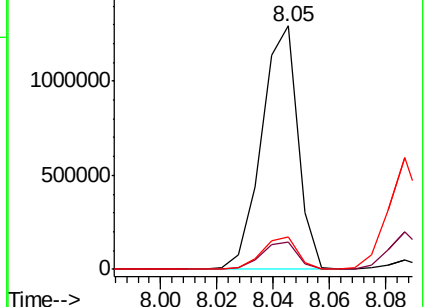
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.592 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

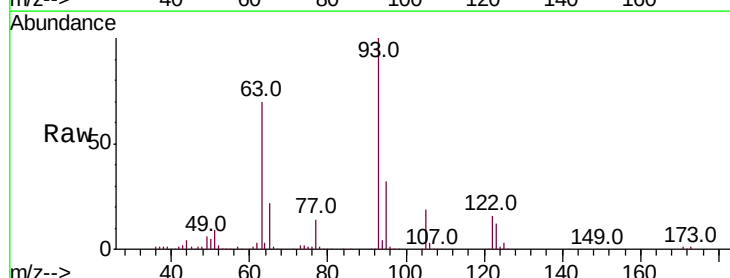
Tgt Ion:122 Resp: 210182

Ion Ratio Lower Upper

122 100

105 119.6 106.8 146.8

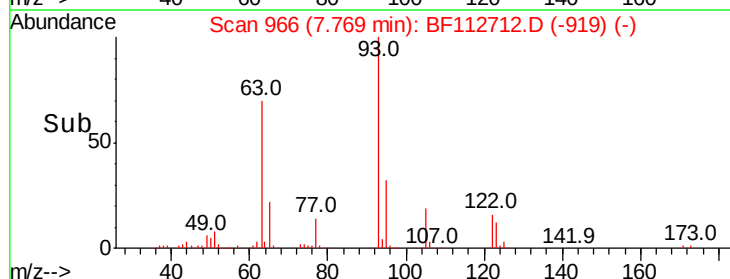
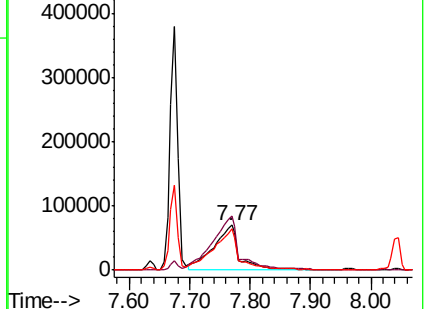
77 93.4 79.4 119.4

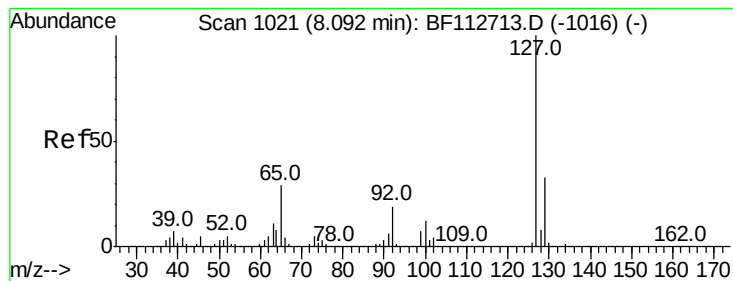


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 26.822 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:127 Resp: 483832

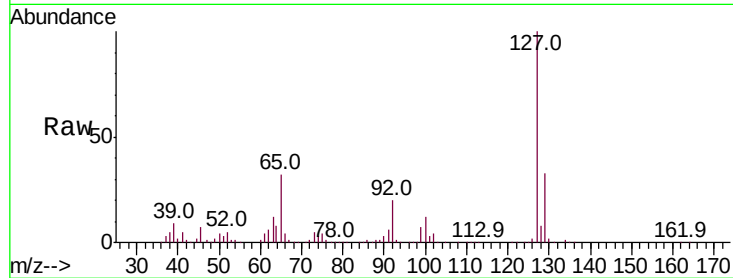
Ion Ratio Lower Upper

127 100

129 33.2 26.4 39.6

65 32.4 23.1 34.7

92 19.7 14.9 22.3

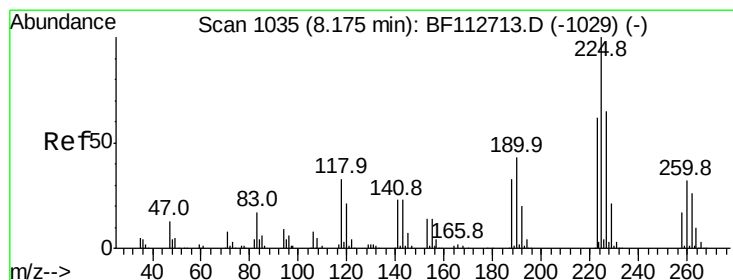
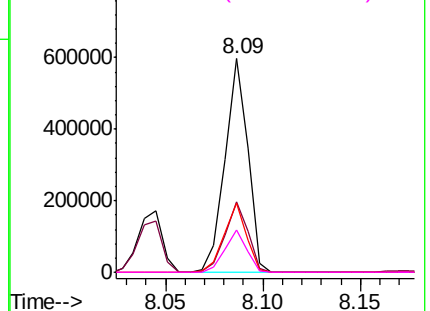
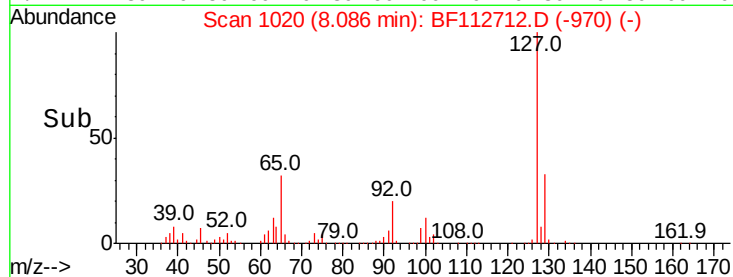


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 22.981 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

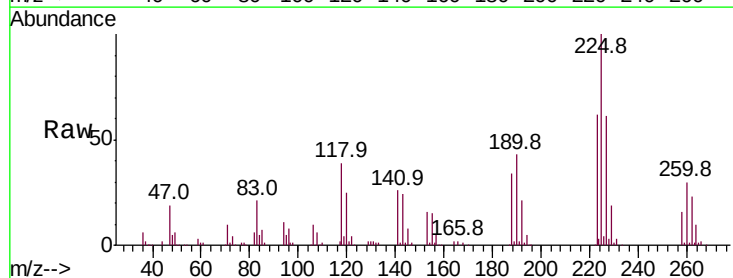
Tgt Ion:225 Resp: 196123

Ion Ratio Lower Upper

225 100

223 62.2 49.7 74.5

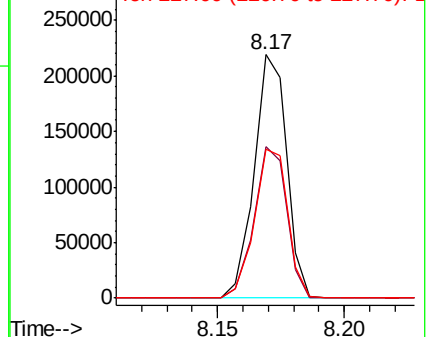
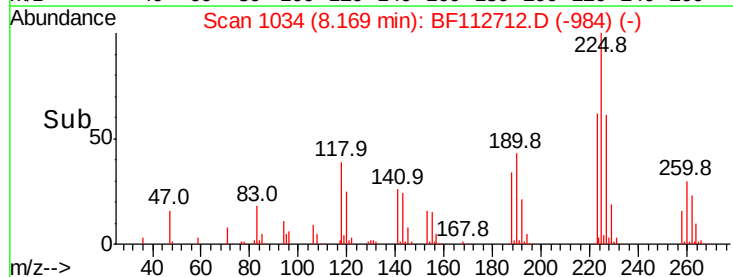
227 61.3 52.1 78.1

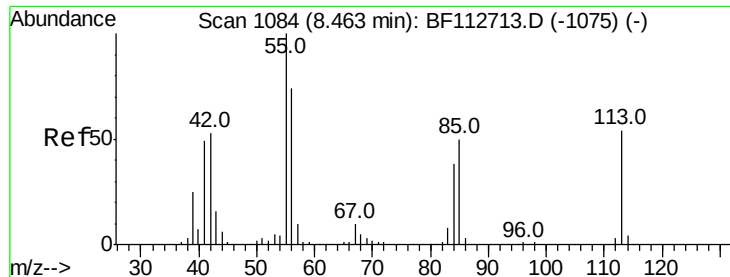


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

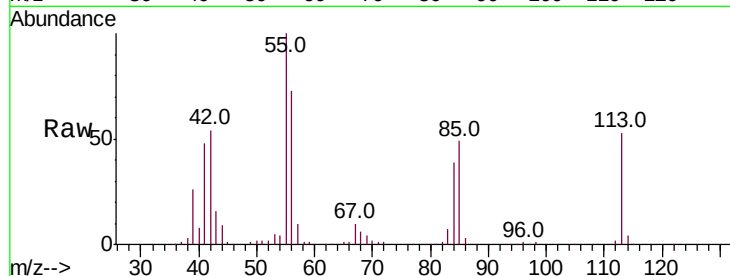




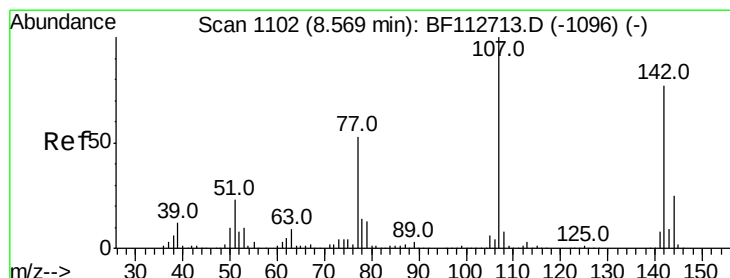
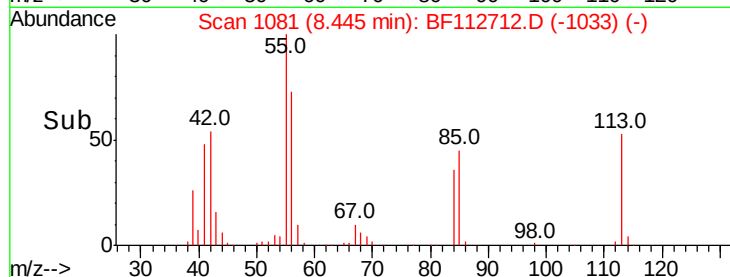
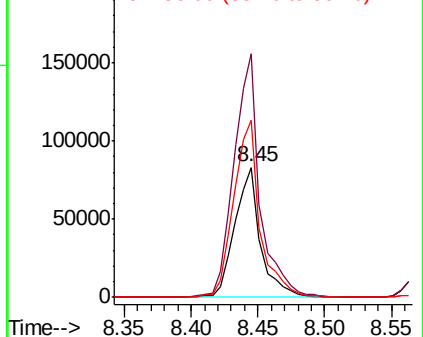
#35
 Caprolactam
 Concen: 25.066 ng
 RT: 8.45 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:113 Resp: 111874
 Ion Ratio Lower Upper
 113 100
 55 187.1 163.5 203.5
 56 136.3 115.3 155.3

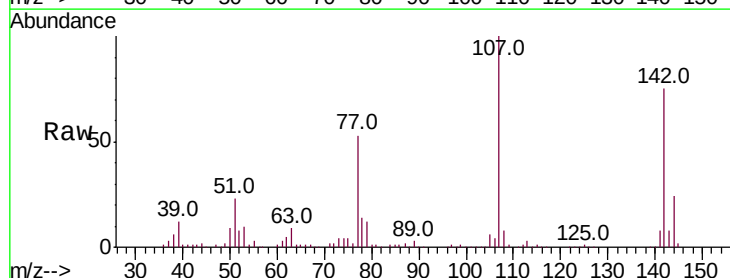


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

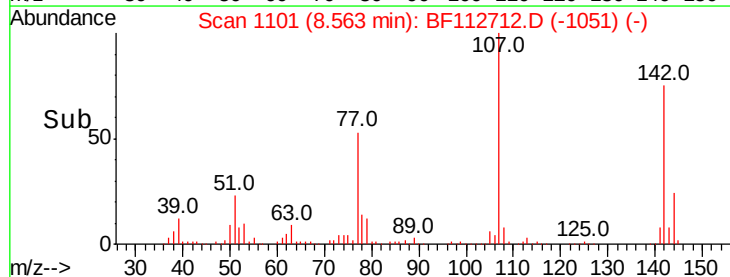
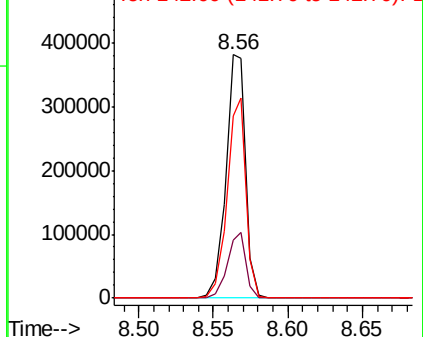


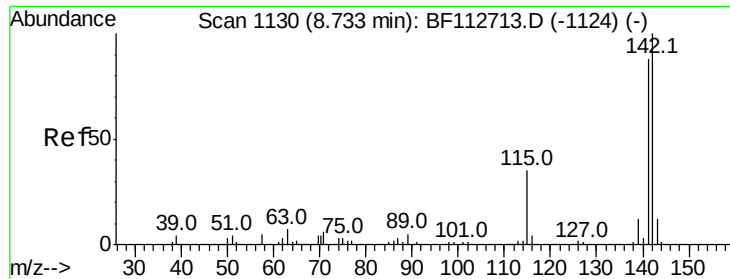
#36
 4-Chloro-3-methylphenol
 Concen: 26.714 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

Tgt Ion:107 Resp: 357797
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.1 30.1
 142 74.9 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

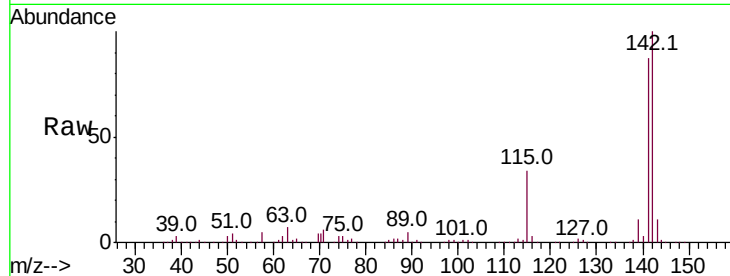




#37
2-Methylnaphthalene
Concen: 26.042 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.3	105.5
115	34.1	27.8	41.6

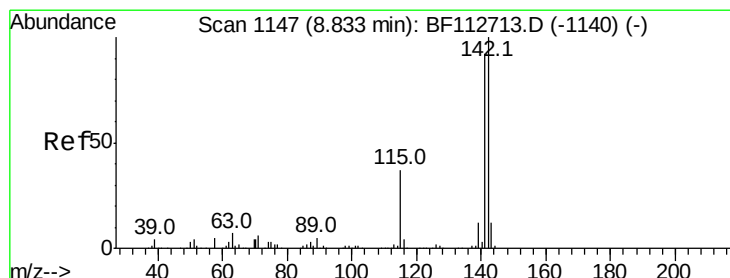
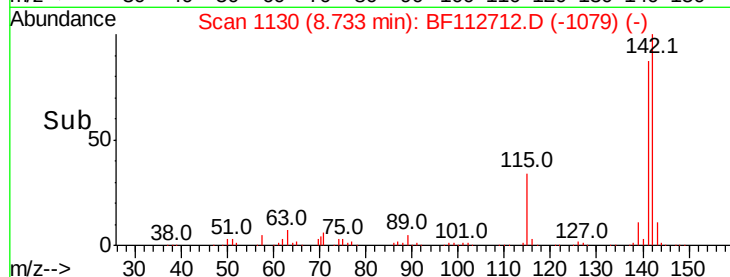
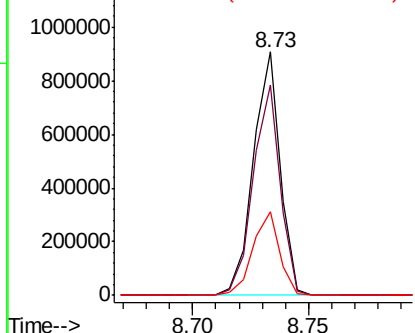


Abundance

Ion 142.00 (141.70 to 142.70): E

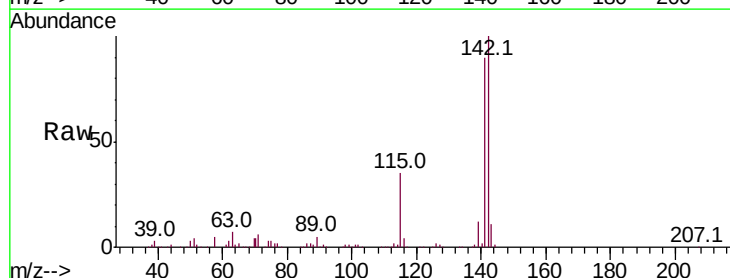
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 26.625 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.7	110.5
116	3.7	3.1	4.7

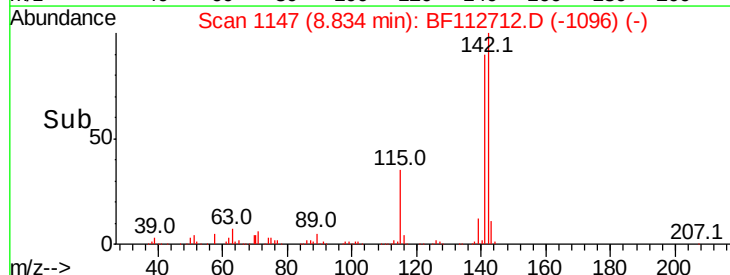
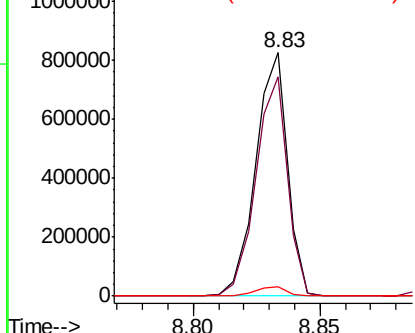


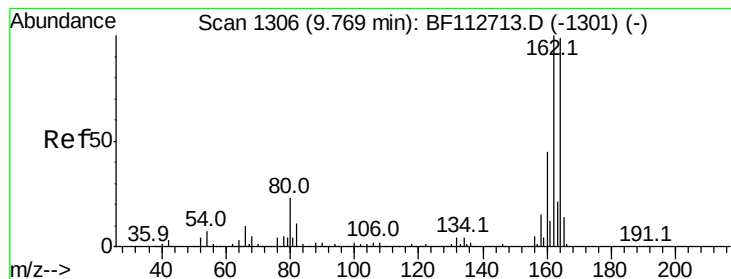
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

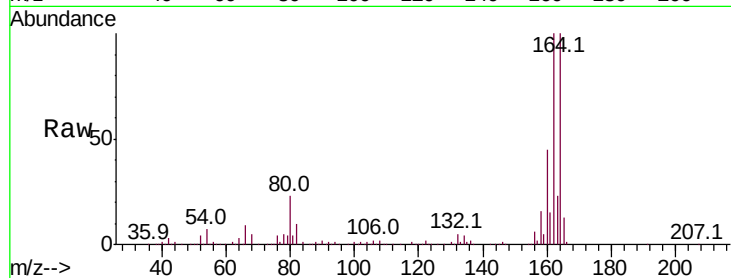
Tot Ion:164 Resp: 417806

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

160 45.6 36.0 54.0

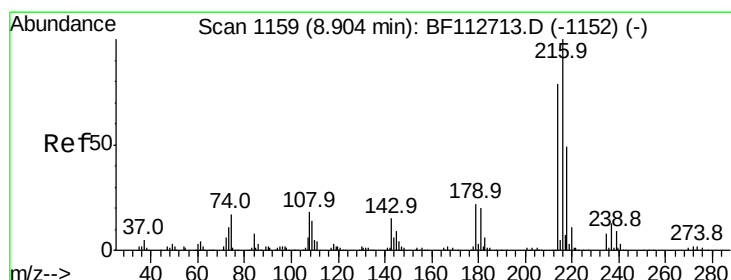
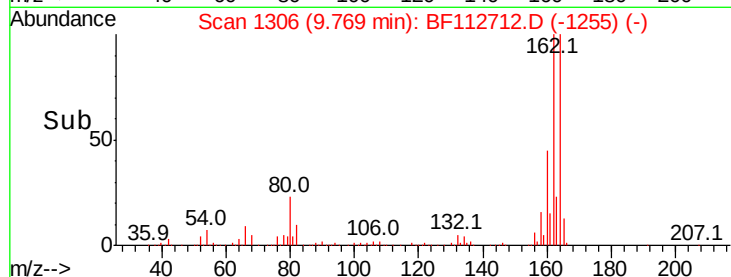
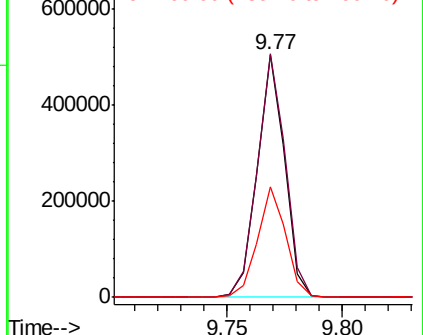


Abundance

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: 23.309 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Tgt Ion:216 Resp: 319756

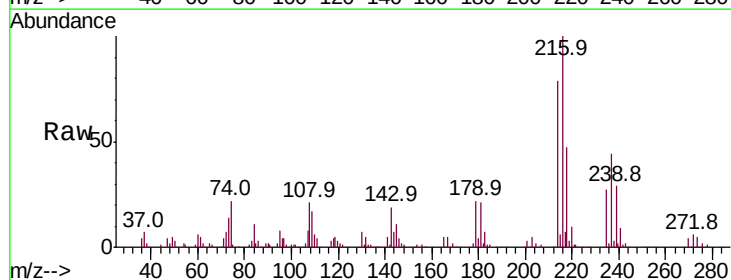
Ion Ratio Lower Upper

216 100

214 78.6 63.2 94.8

179 21.5 17.5 26.3

108 20.6 16.7 25.1



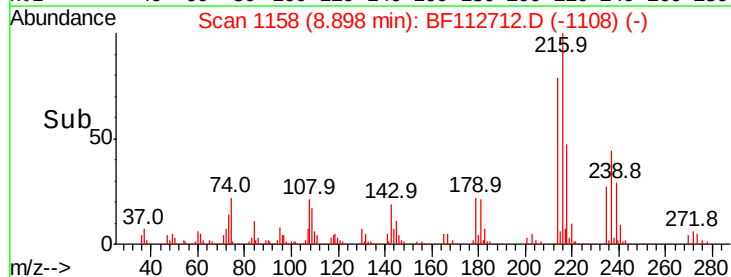
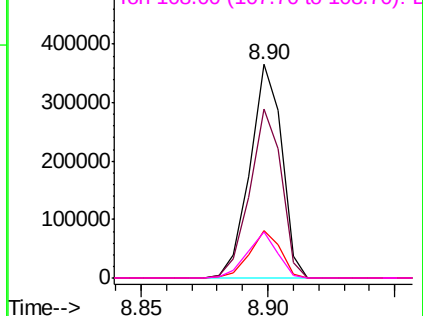
Abundance

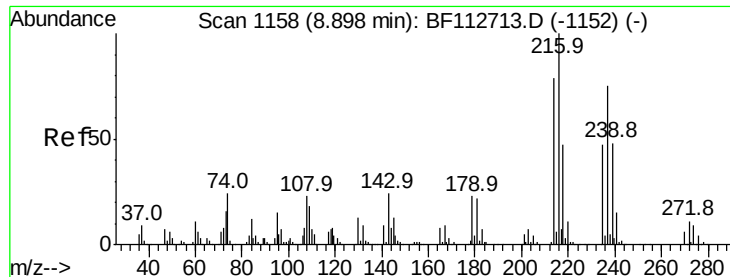
Ion 216.00 (215.70 to 216.70): E

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: 43.203 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

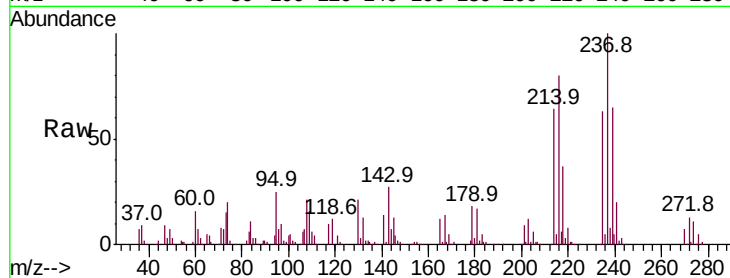
Tot Ion:237 Resp: 175943

Ion Ratio Lower Upper

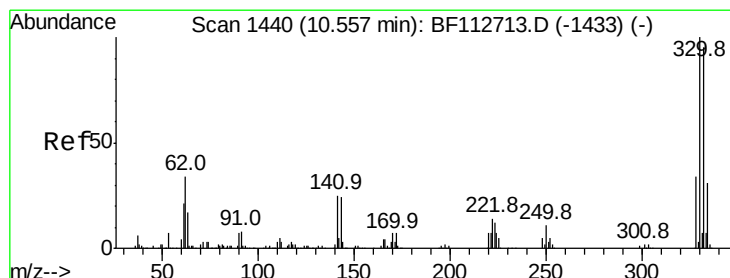
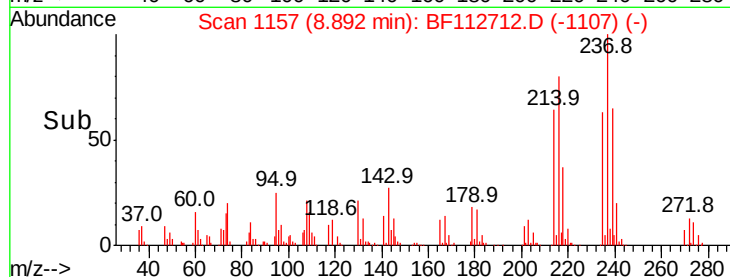
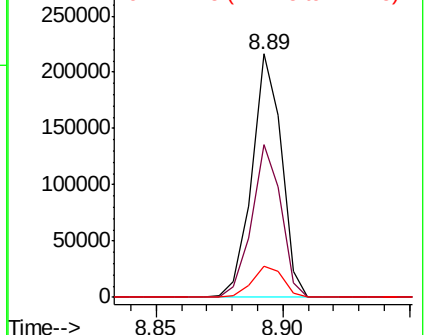
237 100

235 62.7 42.2 82.2

272 12.9 0.0 34.0



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: 47.851 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

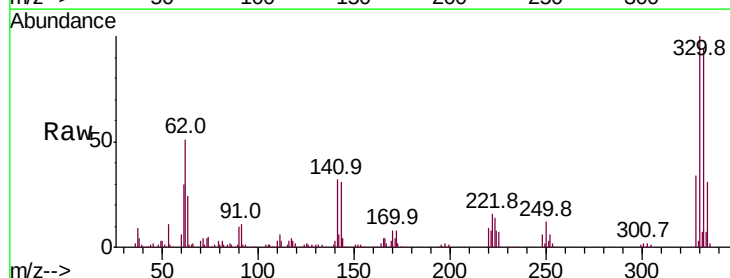
Tgt Ion:330 Resp: 232706

Ion Ratio Lower Upper

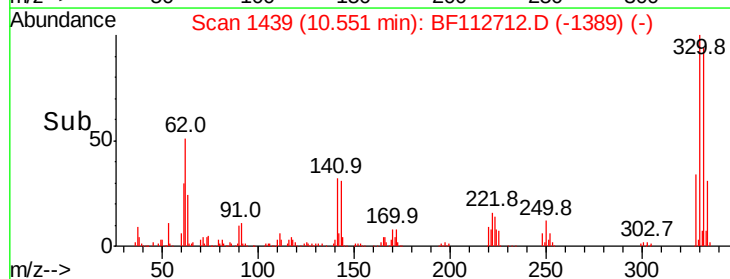
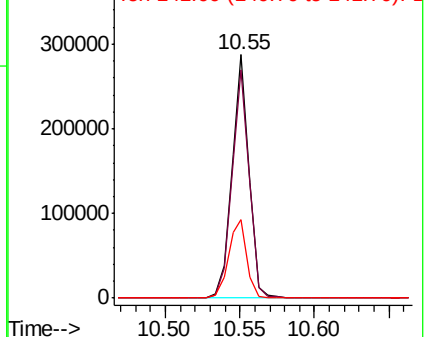
330 100

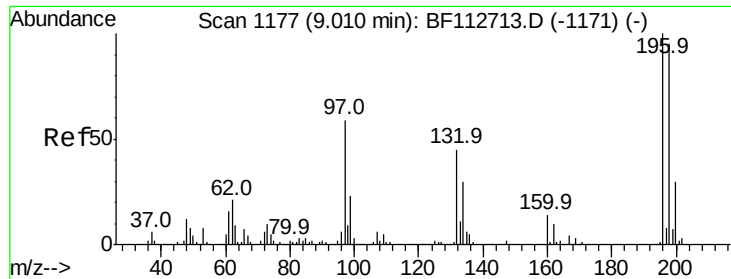
332 95.3 76.2 114.4

141 34.5 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

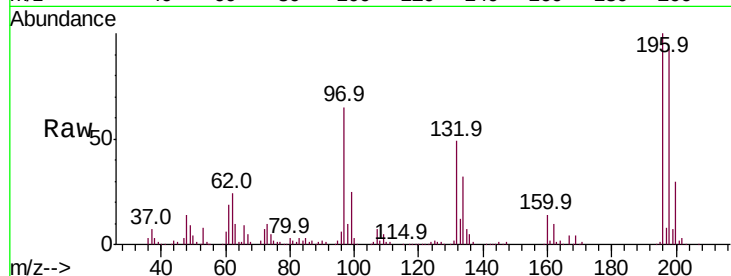




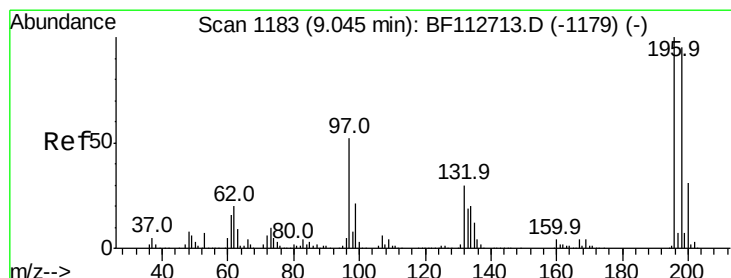
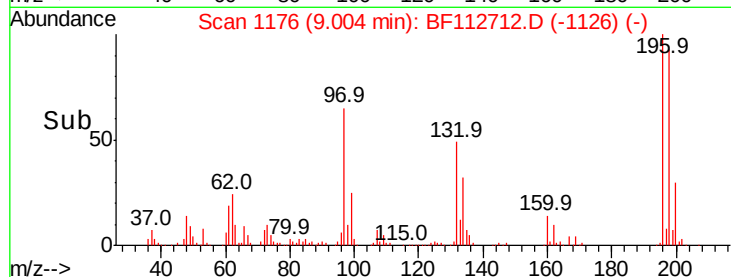
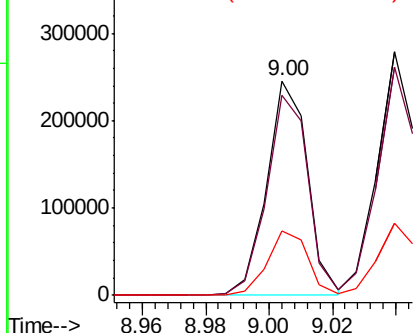
#43
 2,4,6-Trichlorophenol
 Concen: 25.986 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:196 Resp: 219740
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.8 113.8
 200 29.9 24.3 36.5



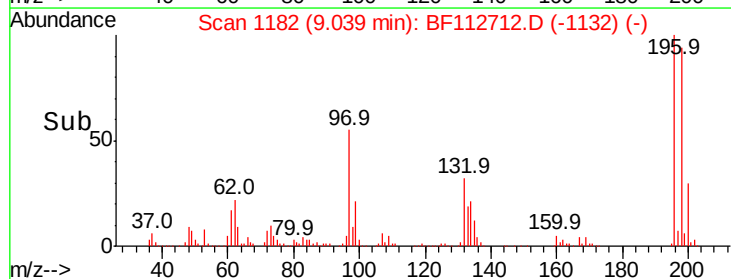
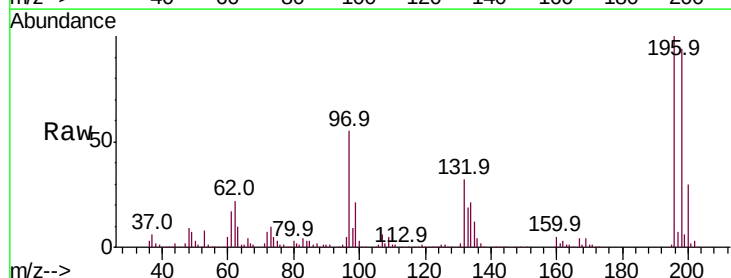
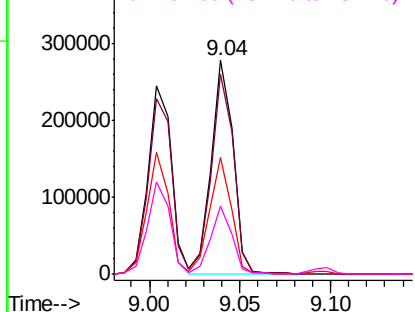
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

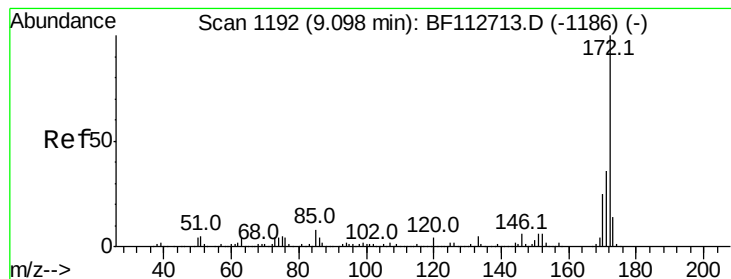


#44
 2,4,5-Trichlorophenol
 Concen: 26.492 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

Tgt Ion:196 Resp: 234124
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.2 114.2
 97 54.8 41.5 62.3
 132 31.7 23.9 35.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

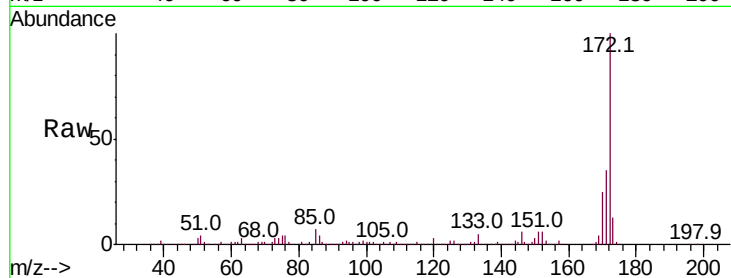




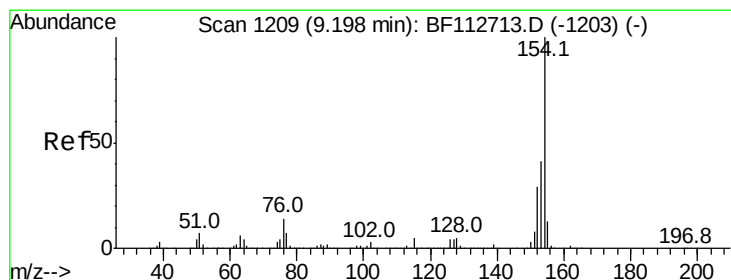
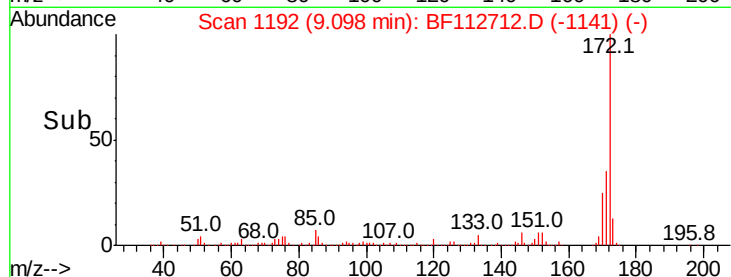
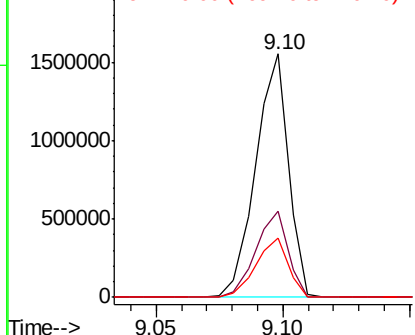
#45
2-Fluorobiphenyl
Concen: 47.377 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:172 Resp: 1399541
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 24.5 20.0 30.0

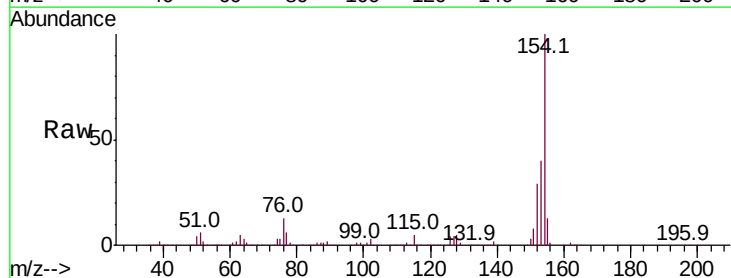


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

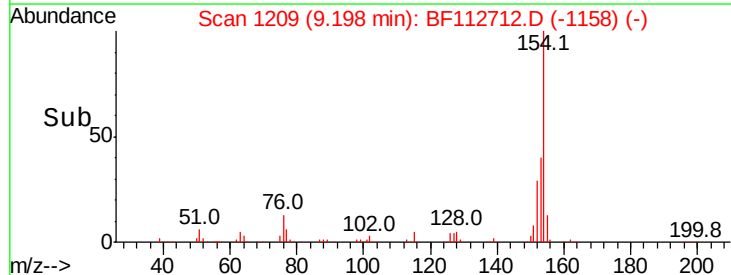
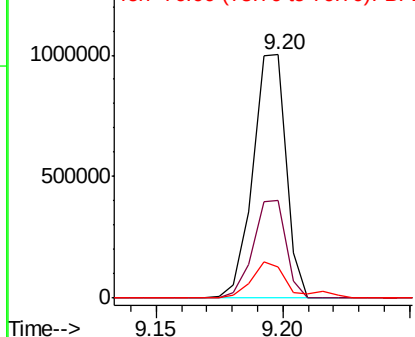


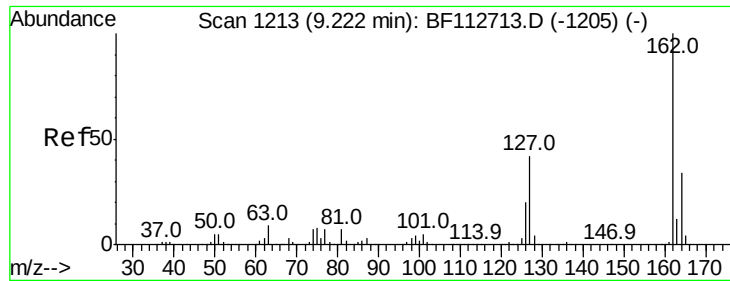
#46
1,1'-Biphenyl
Concen: 25.187 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion:154 Resp: 919984
Ion Ratio Lower Upper
154 100
153 40.2 20.8 60.8
76 12.8 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

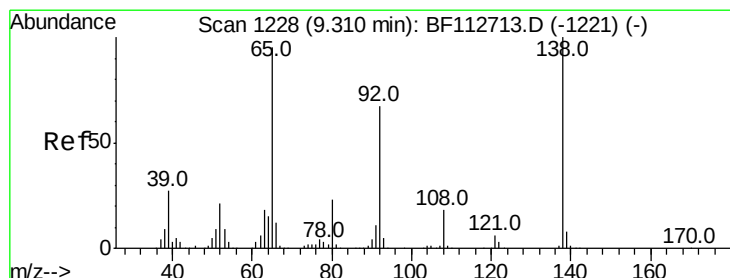
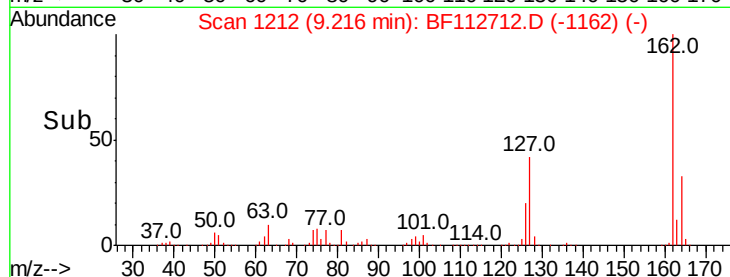
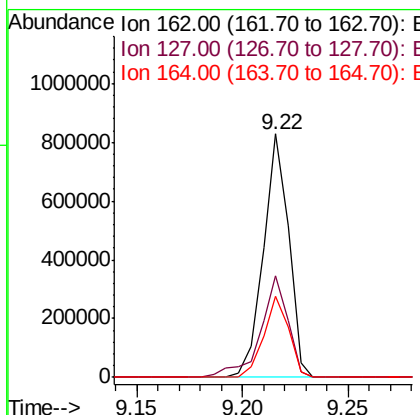
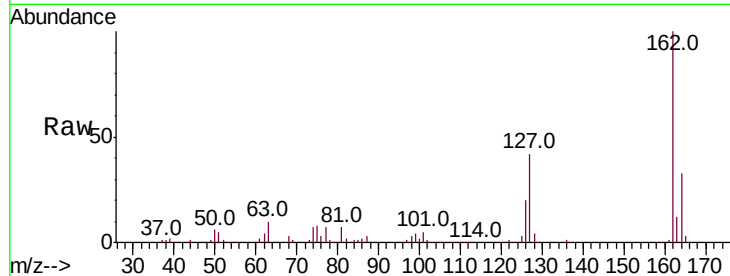




#47
 2-Chloronaphthalene
 Concen: 24.399 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

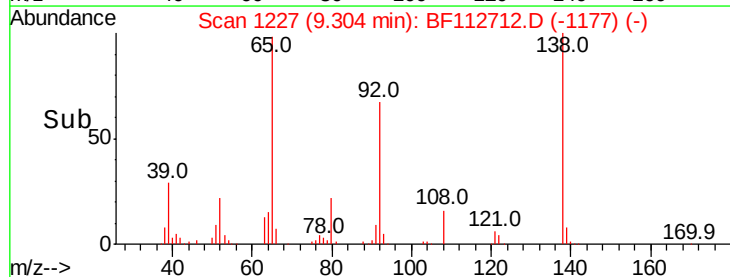
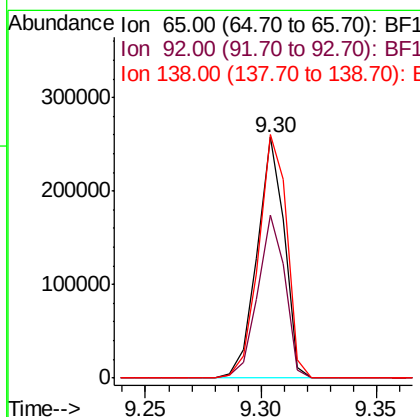
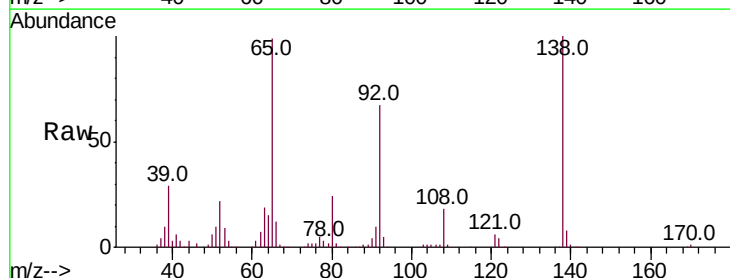
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

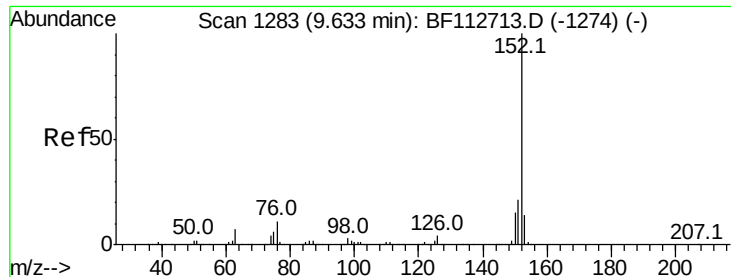
Tot Ion:162 Resp: 691087
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.4 50.2
 164 33.3 26.9 40.3



#48
 2-Nitroaniline
 Concen: 27.523 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

Tgt Ion: 65 Resp: 212484
 Ion Ratio Lower Upper
 65 100
 92 67.6 56.4 84.6
 138 101.1 84.6 126.8





#49

Acenaphthylene

Concen: 28.341 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

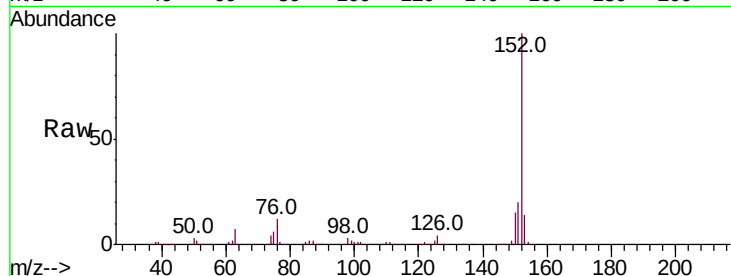
Tot Ion:152 Resp: 1176606

Ion Ratio Lower Upper

152 100

151 20.1 16.9 25.3

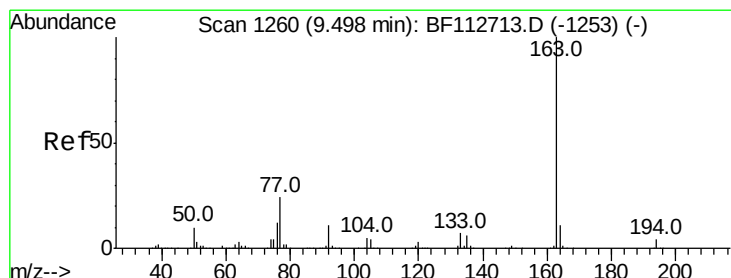
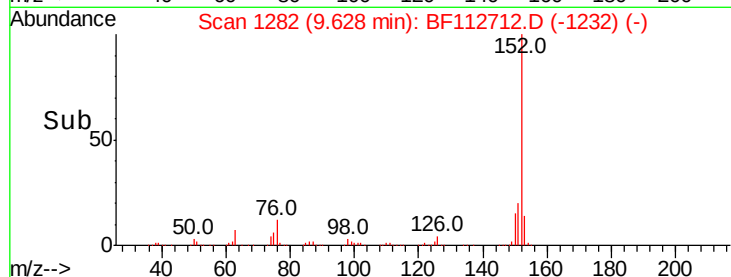
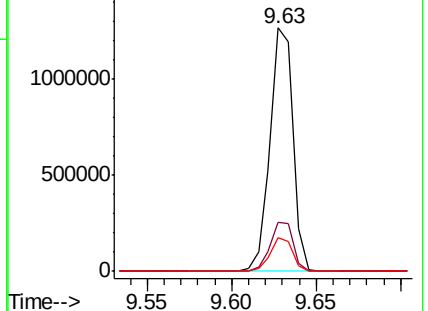
153 13.7 11.0 16.6



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: 24.860 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

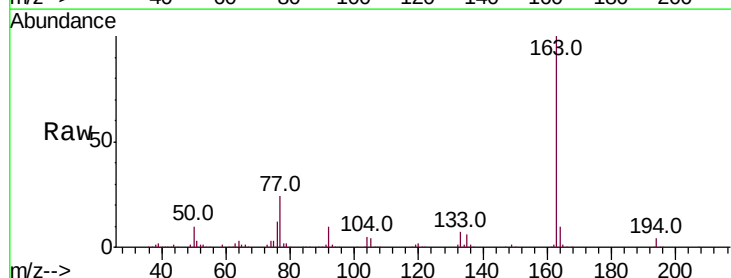
Tgt Ion:163 Resp: 806999

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

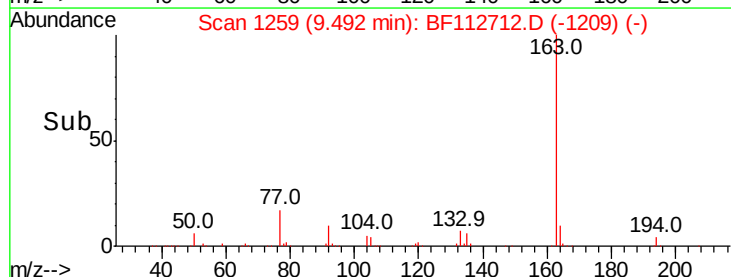
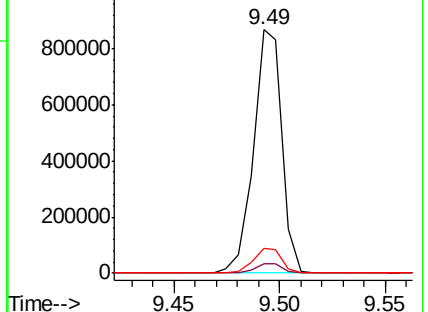
164 10.3 8.4 12.6

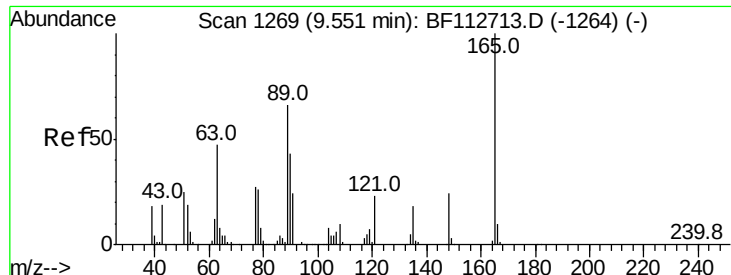


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

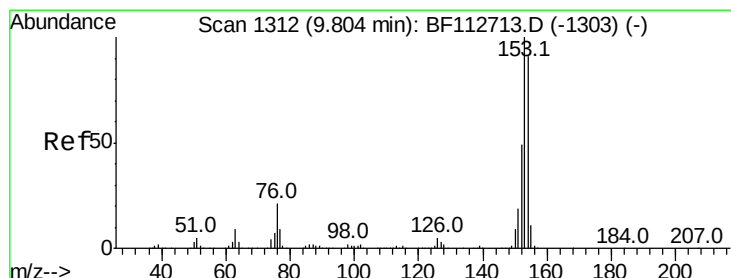
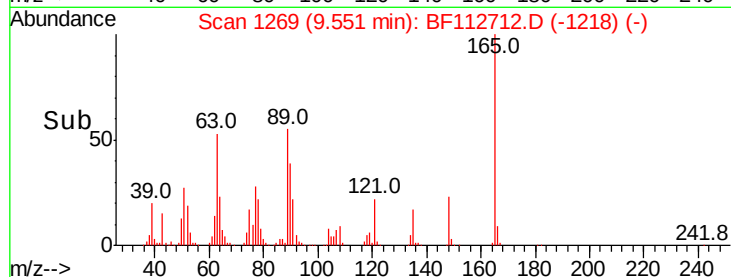
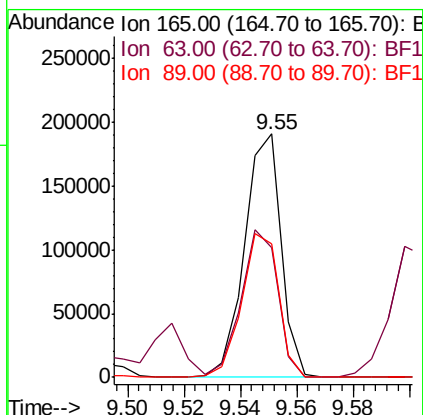
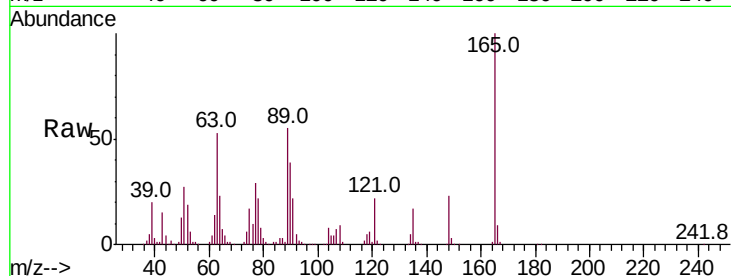




#51
2,6-Dinitrotoluene
Concen: 23.550 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

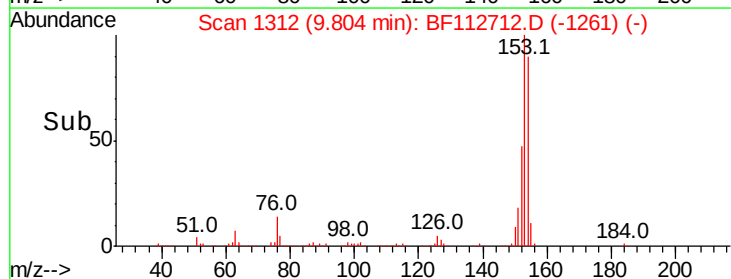
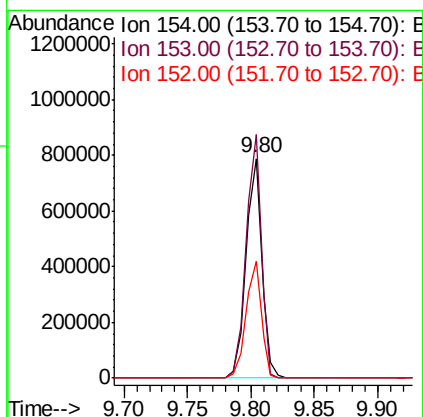
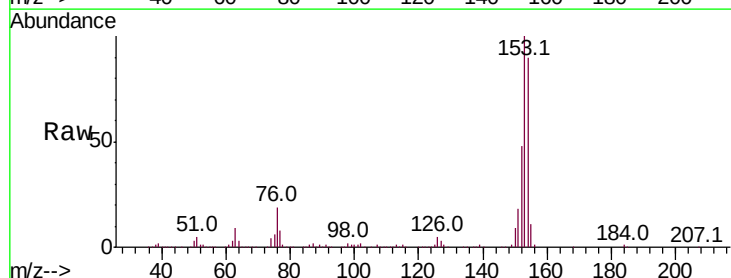
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

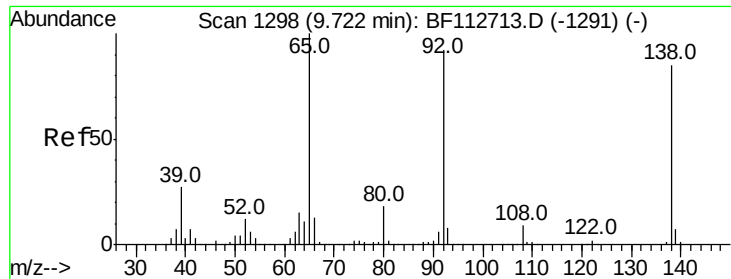
Tot Ion:165 Resp: 171213
Ion Ratio Lower Upper
165 100
63 53.5 54.1 81.1#
89 54.9 52.8 79.2



#52
Acenaphthene
Concen: 27.474 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion:154 Resp: 681359
Ion Ratio Lower Upper
154 100
153 110.8 87.8 131.8
152 53.1 43.0 64.6

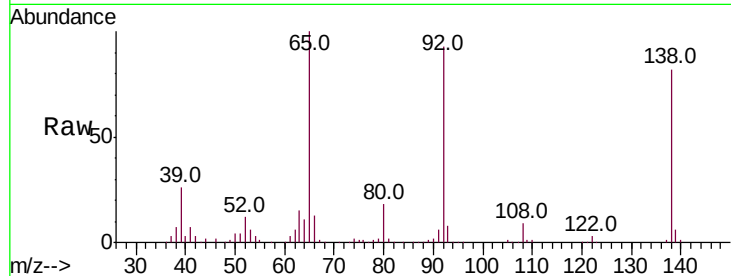




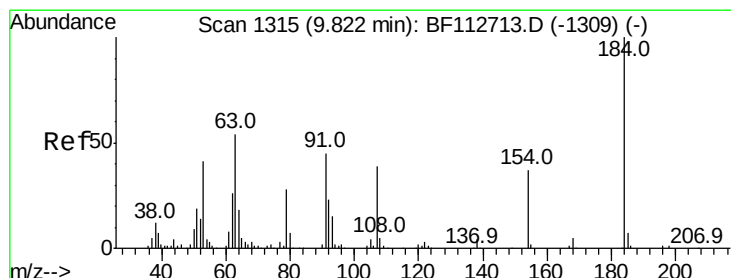
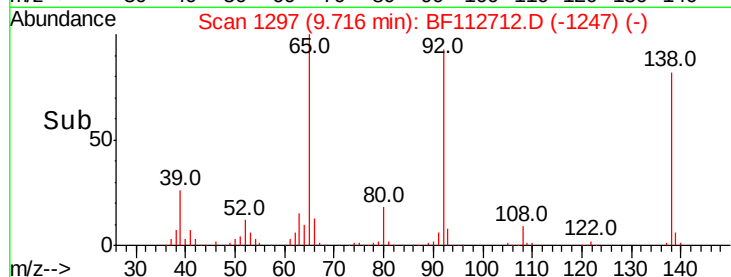
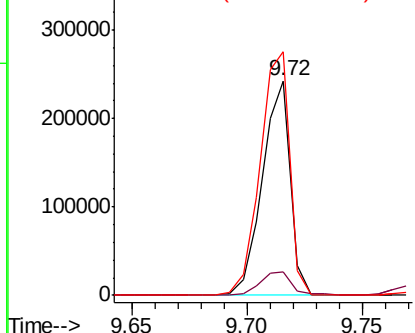
#53
3-Nitroaniline
Concen: 26.032 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion:138 Resp: 205037
Ion Ratio Lower Upper
138 100
108 11.2 8.6 13.0
92 113.4 86.6 129.8

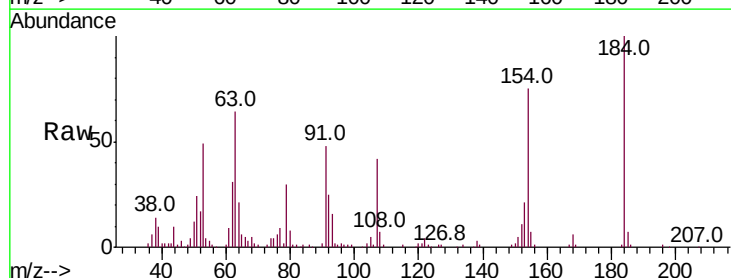


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

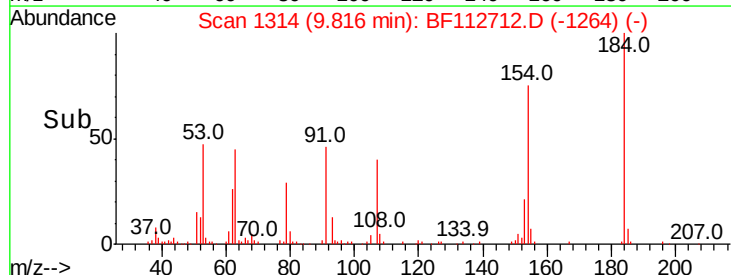
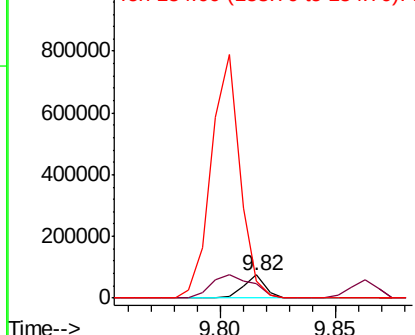


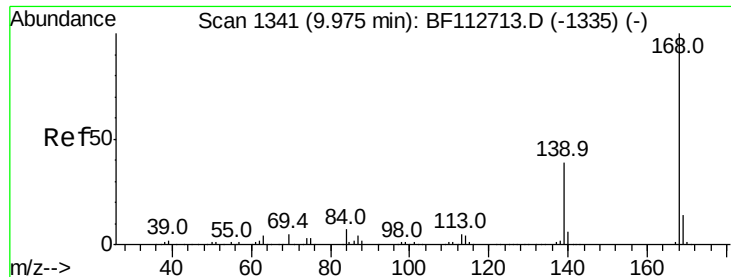
#54
2,4-Dinitrophenol
Concen: 21.642 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion:184 Resp: 50494
Ion Ratio Lower Upper
184 100
63 64.3 45.3 67.9
154 75.3 46.0 69.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 26.428 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

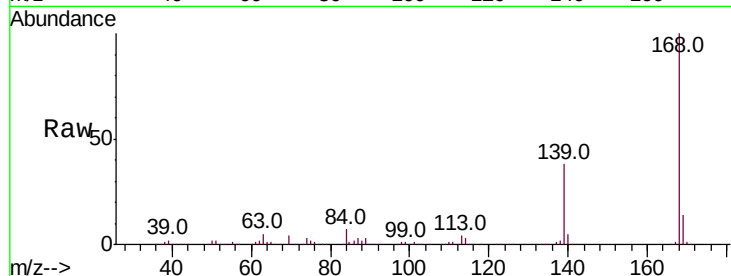
Tot Ion:168 Resp: 1001581

Ion Ratio Lower Upper

168 100

139 37.7 31.3 46.9

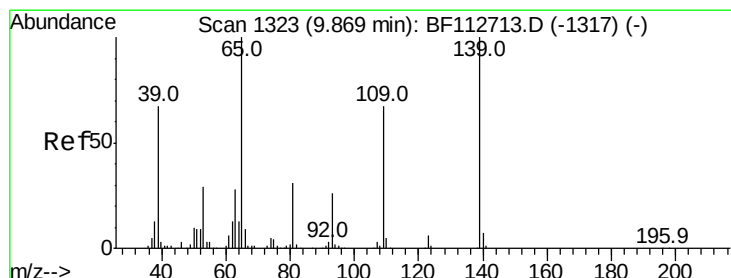
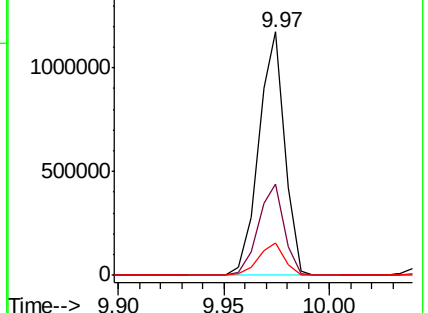
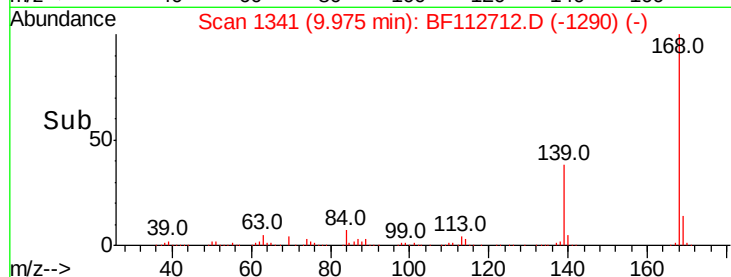
169 13.6 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 40.197 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

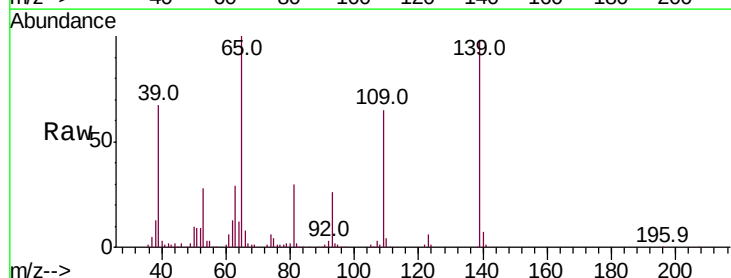
Tgt Ion:139 Resp: 167386

Ion Ratio Lower Upper

139 100

109 66.1 46.8 86.8

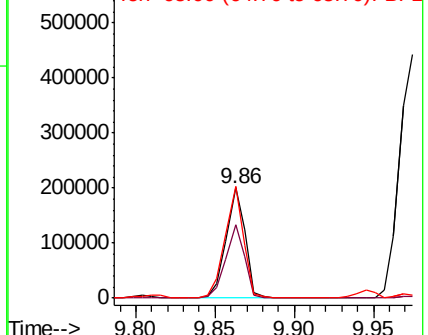
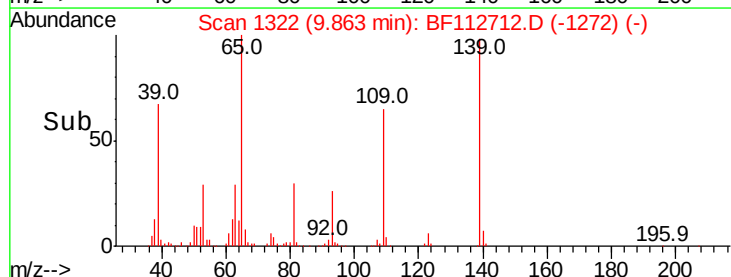
65 101.9 80.7 120.7

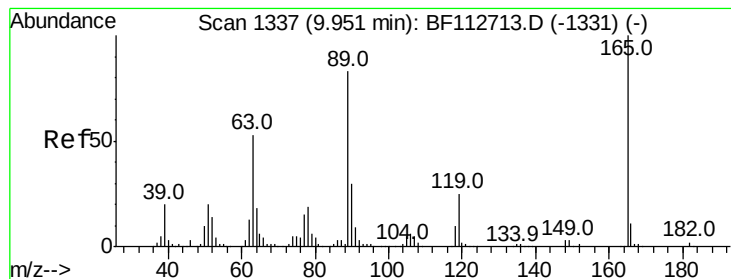


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 23.172 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:165 Resp: 214465

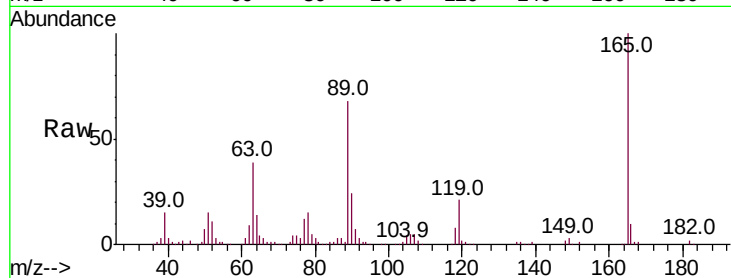
Ion Ratio Lower Upper

165 100

63 39.2 42.2 63.2#

89 68.4 66.2 99.4

182 2.4 1.8 2.6

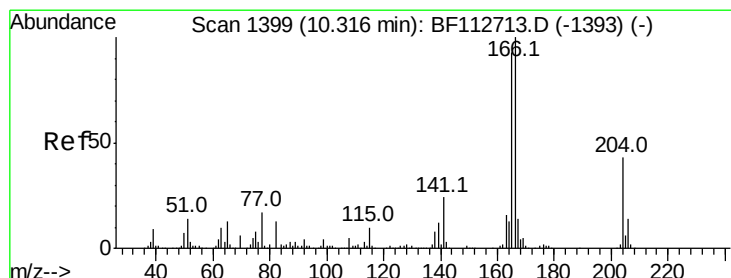
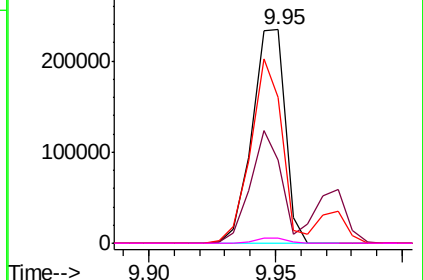
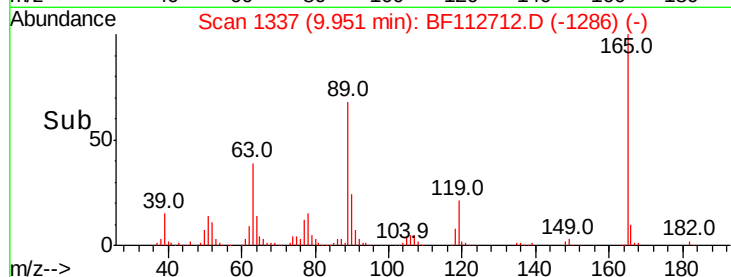


Abundance Ion 165.00 (164.70 to 165.70): E

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: 25.237 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

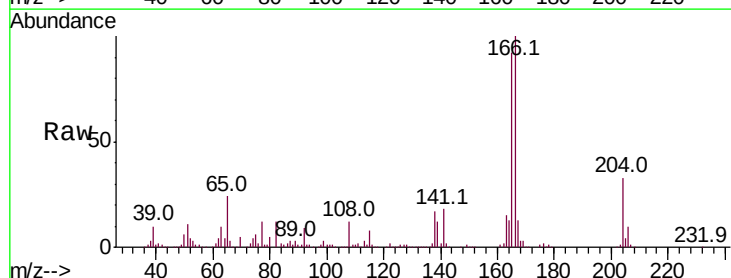
Tgt Ion:166 Resp: 715735

Ion Ratio Lower Upper

166 100

165 91.8 74.7 112.1

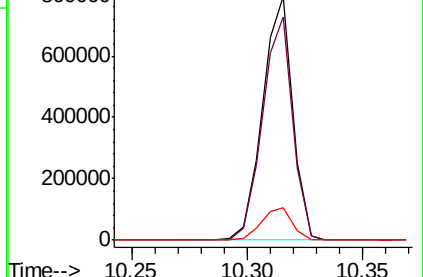
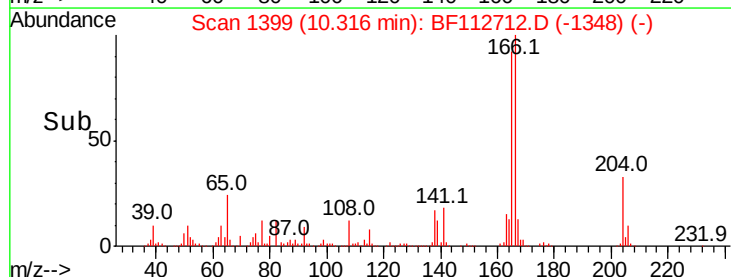
167 13.5 11.0 16.6

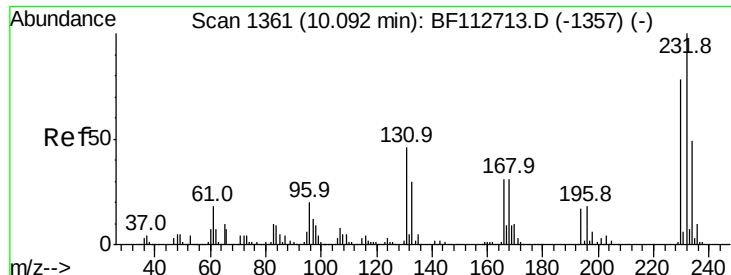


Abundance Ion 166.00 (165.70 to 166.70): E

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: 29.745 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:232 Resp: 198655

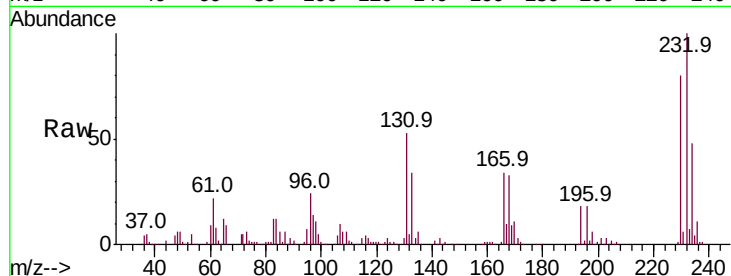
Ion Ratio Lower Upper

232 100

131 48.9 38.7 58.1

130 2.4 1.9 2.9

166 31.5 25.2 37.8

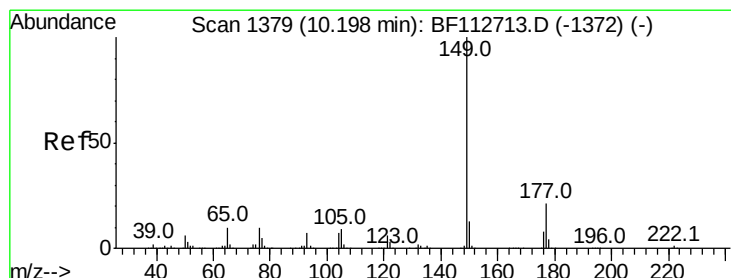
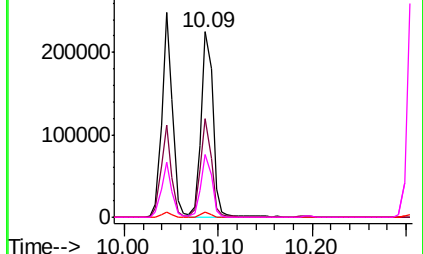
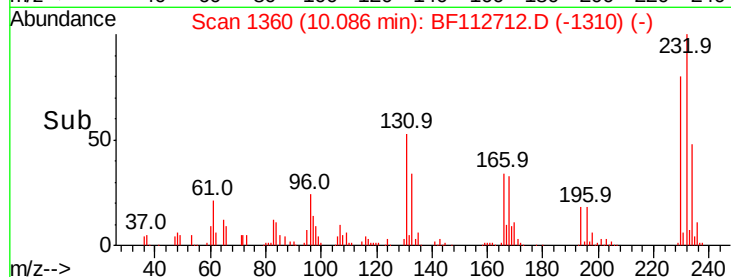


Abundance Ion 232.00 (231.70 to 232.70): E

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: 26.258 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

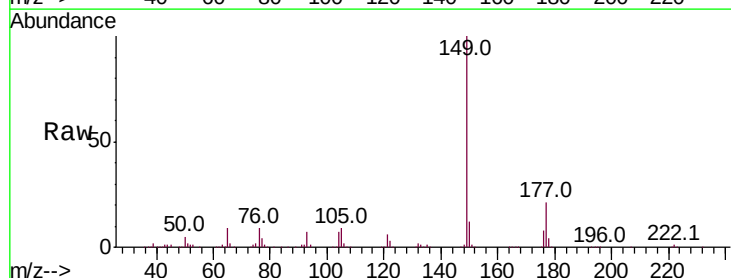
Tgt Ion:149 Resp: 845872

Ion Ratio Lower Upper

149 100

177 21.4 17.0 25.6

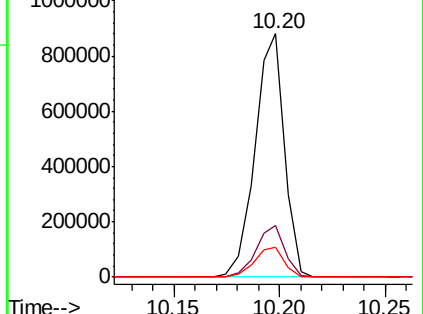
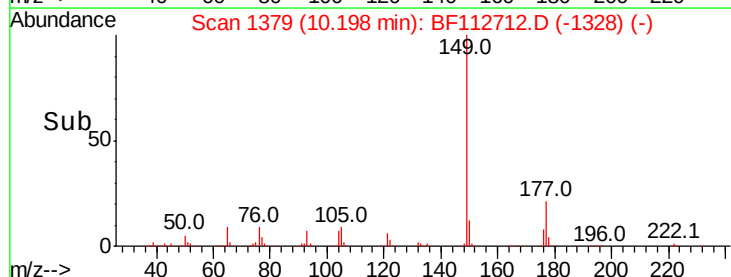
150 12.3 10.0 15.0

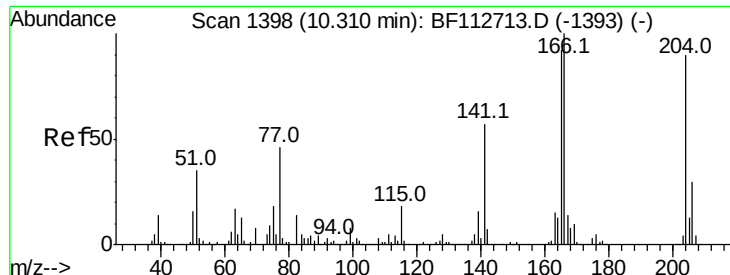


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

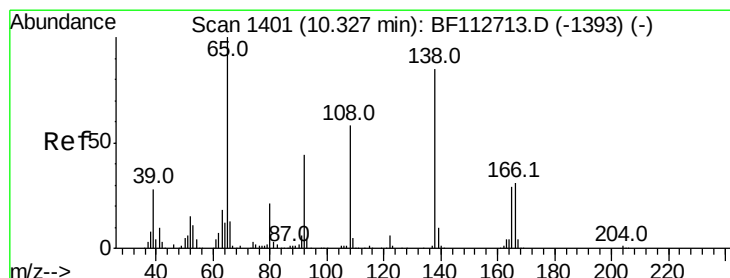
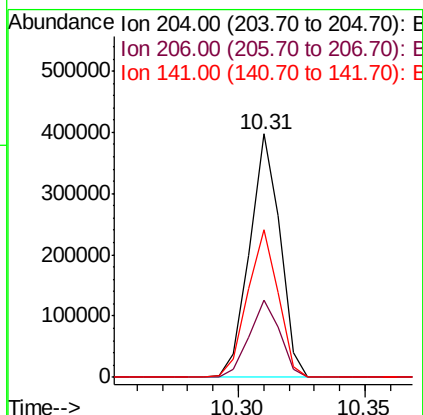
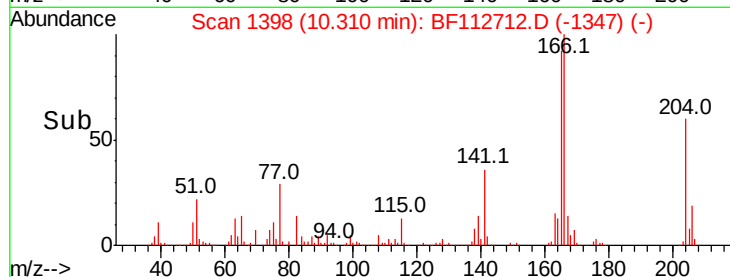
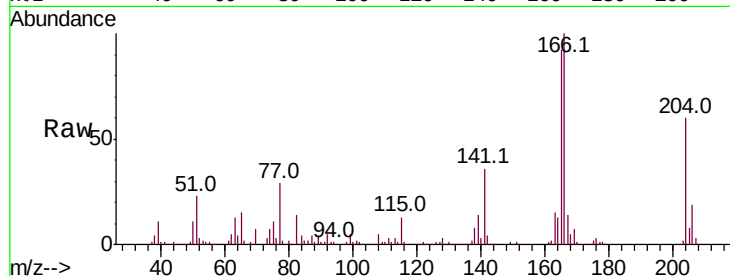




#61
4-Chlorophenyl-phenylether
Concen: 21.577 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

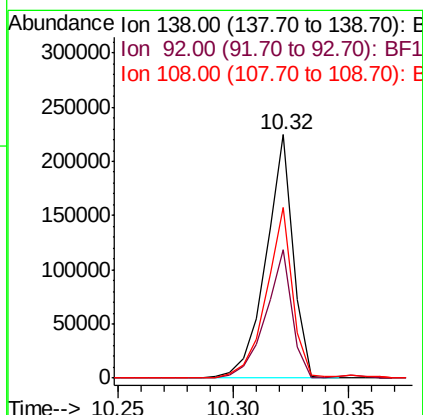
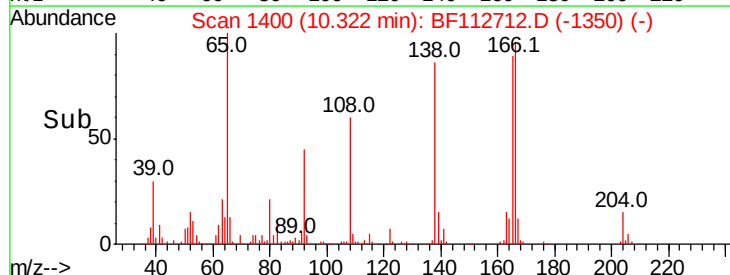
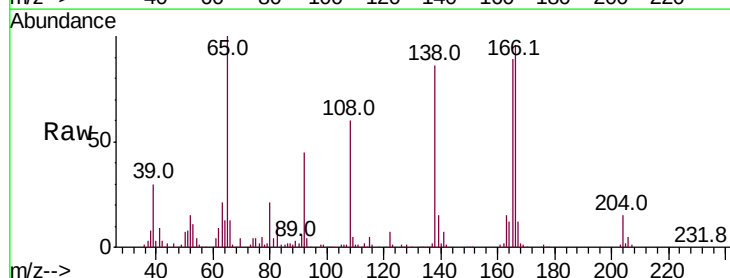
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

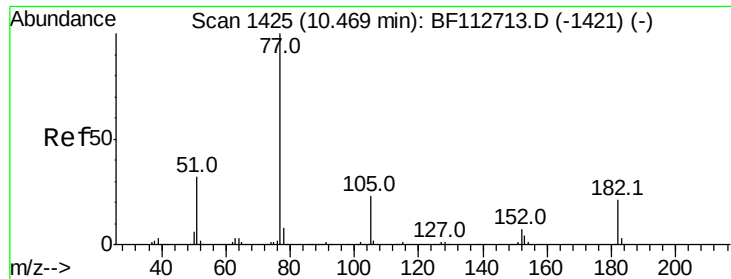
Tot Ion:204 Resp: 332882
Ion Ratio Lower Upper
204 100
206 31.9 26.6 40.0
141 60.5 50.8 76.2



#62
4-Nitroaniline
Concen: 23.633 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion:138 Resp: 182577
Ion Ratio Lower Upper
138 100
92 52.7 31.3 71.3
108 70.0 48.1 88.1

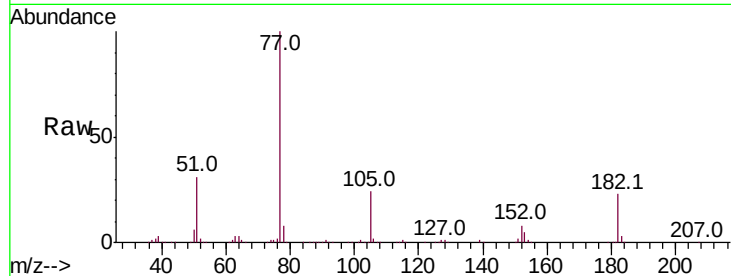




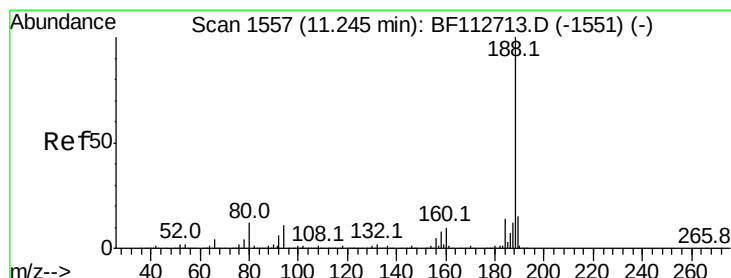
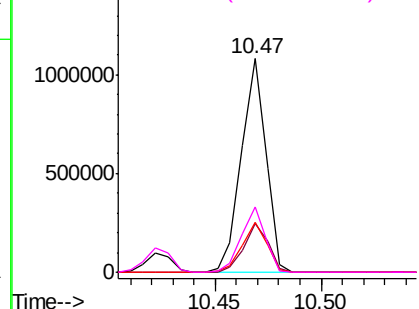
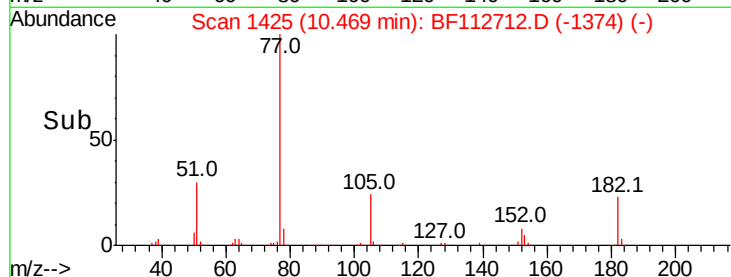
#63
Azobenzene
Concen: 30.710 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Tot Ion:	77	Resp:	870056
Ion	Ratio	Lower	Upper
77	100		
182	22.8	1.4	41.4
105	23.6	2.6	42.6
51	30.5	12.0	52.0

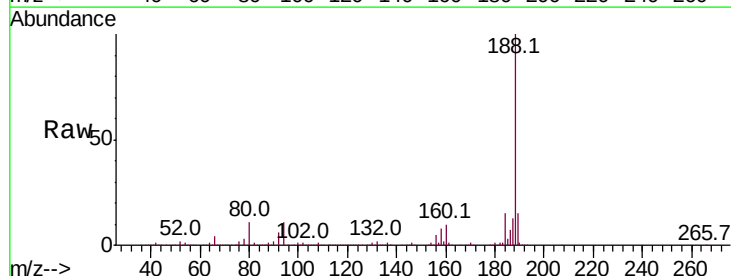


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

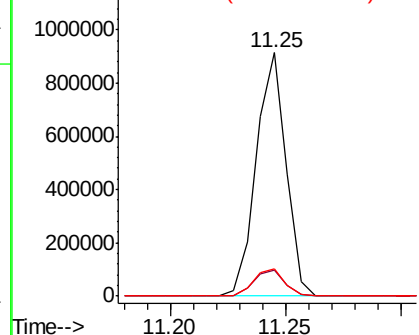
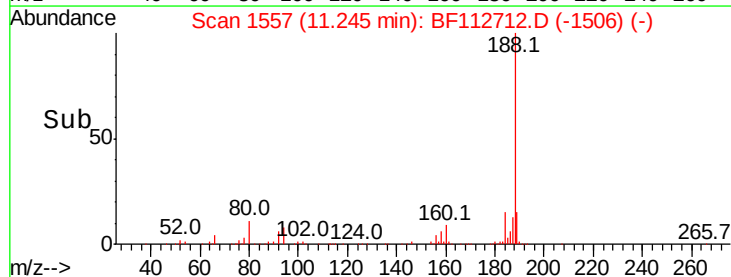


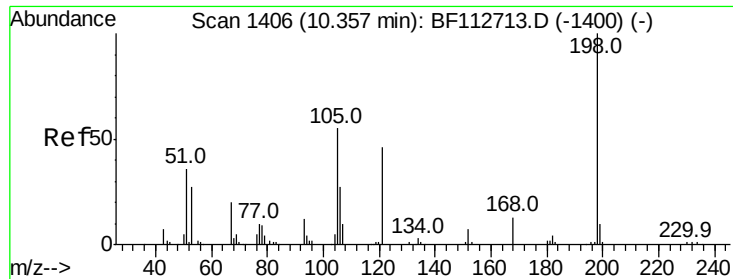
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion:	188	Resp:	822466
Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.0	13.4
80	11.0	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

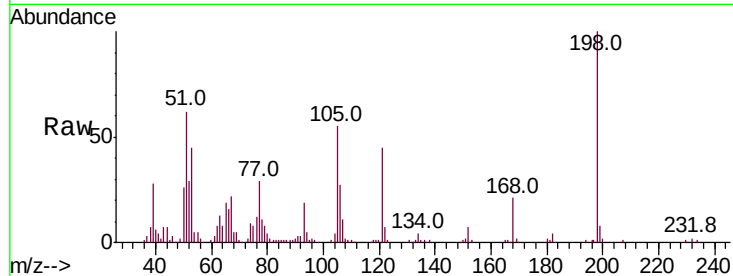




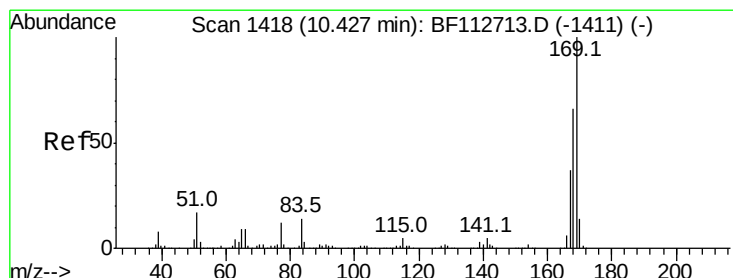
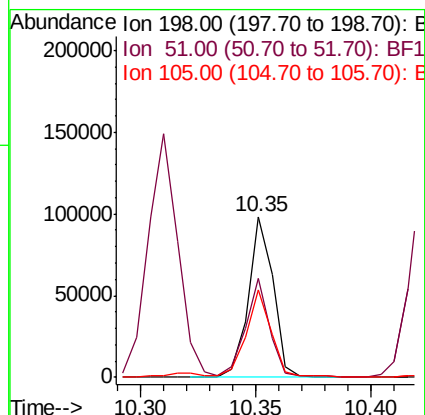
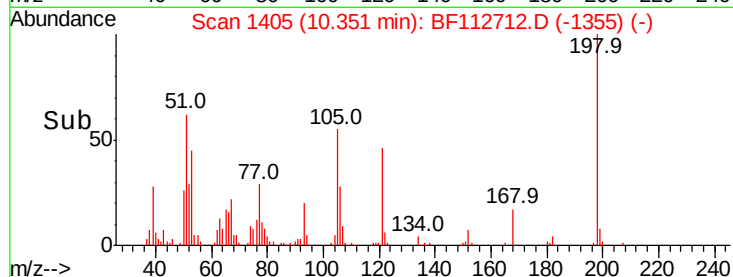
#65
 4,6-Dinitro-2-methylphenol
 Concen: 16.038 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:198 Resp: 73954
 Ion Ratio Lower Upper
 198 100
 51 61.6 43.8 83.8
 105 54.8 36.5 76.5

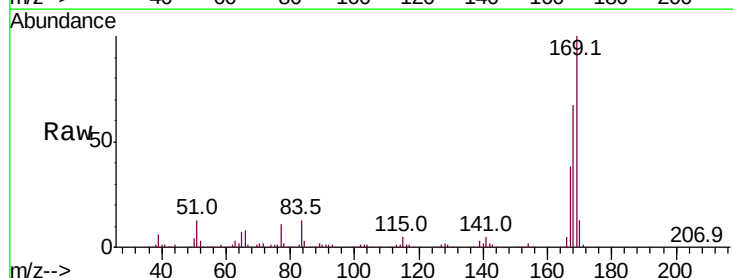


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

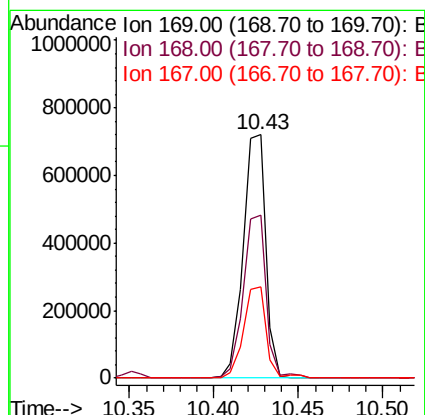
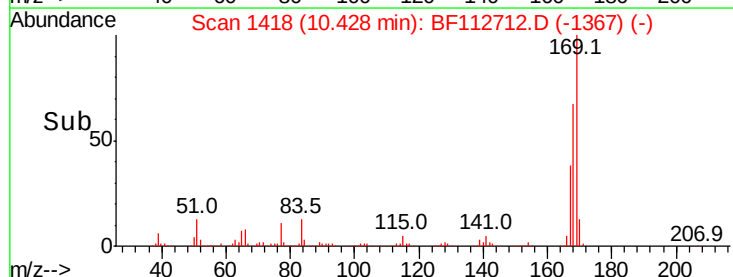


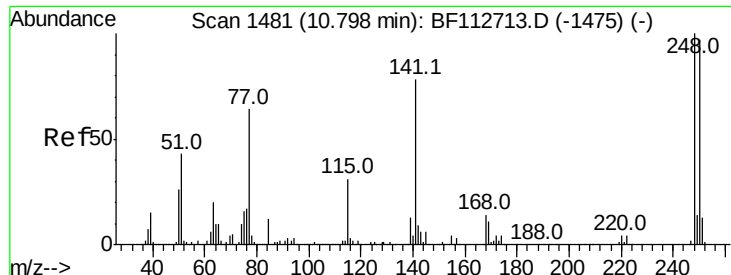
#66
 n-Nitrosodiphenylamine
 Concen: 24.234 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

Tgt Ion:169 Resp: 671756
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.0 79.6
 167 37.5 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

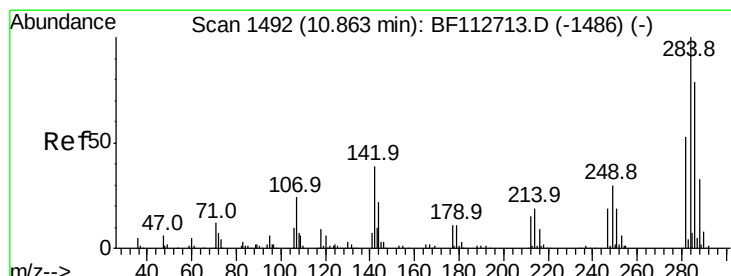
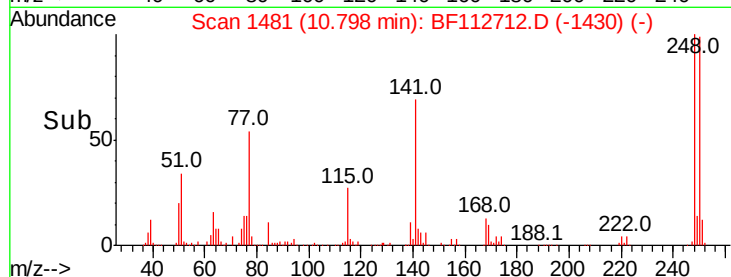
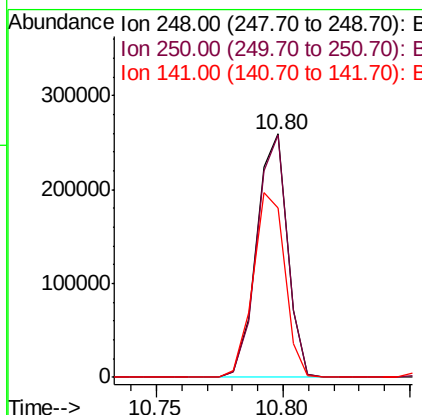
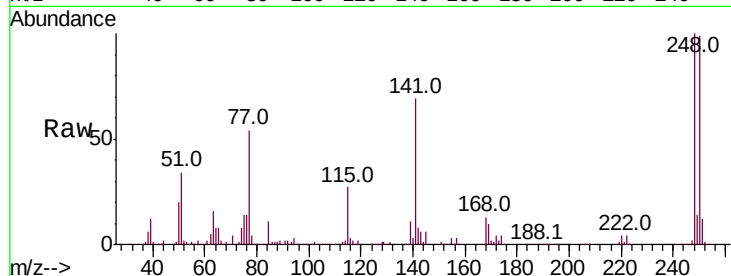




#67
 4-Bromophenyl-phenylether
 Concen: 22.831 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

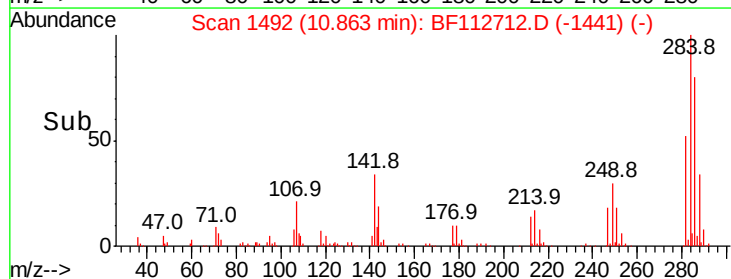
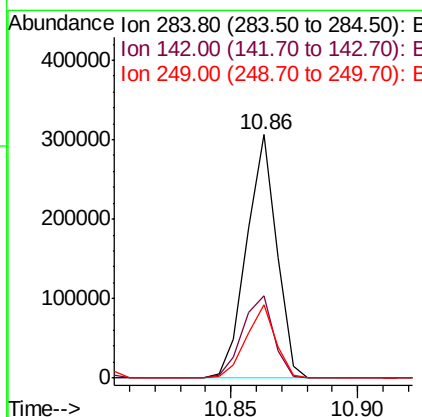
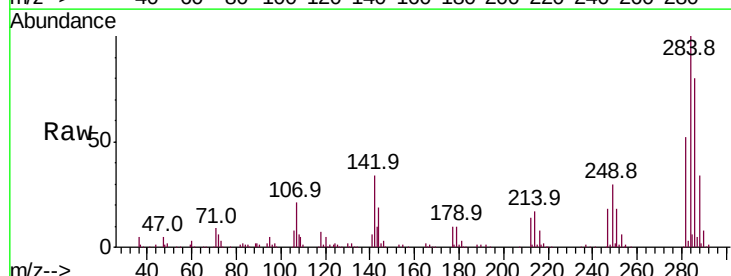
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

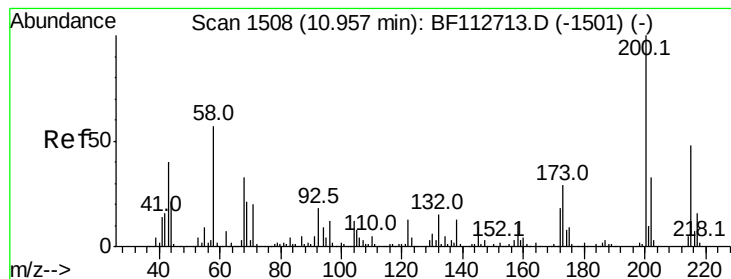
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	77.5	116.3
141	69.4	62.4	93.6



#68
 Hexachlorobenzene
 Concen: 24.376 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	31.0	46.6
249	30.1	23.6	35.4





#69

Atrazine

Concen: 23.407 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

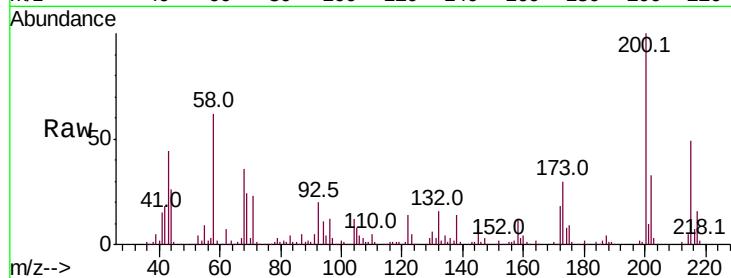
Tot Ion:200 Resp: 209359

Ion Ratio Lower Upper

200 100

173 30.1 9.1 49.1

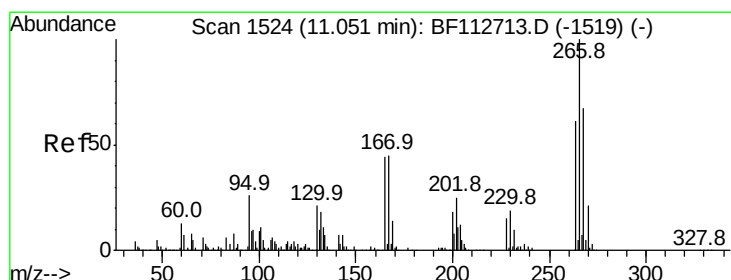
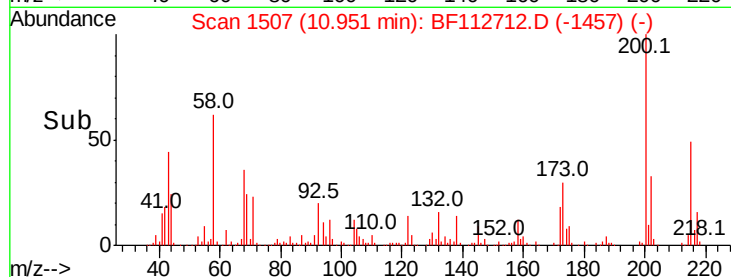
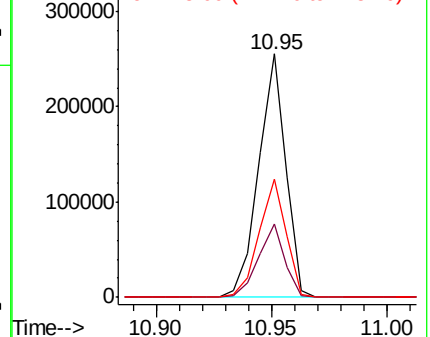
215 48.7 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 36.964 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

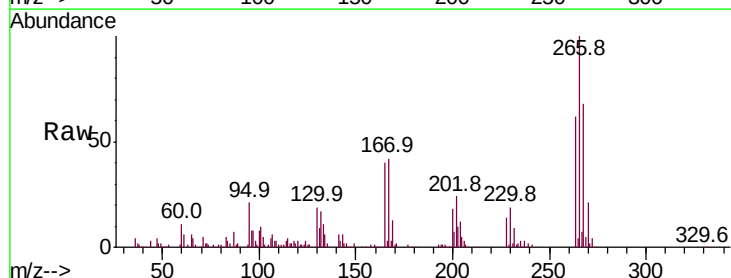
Tgt Ion:266 Resp: 149271

Ion Ratio Lower Upper

266 100

268 68.1 53.3 79.9

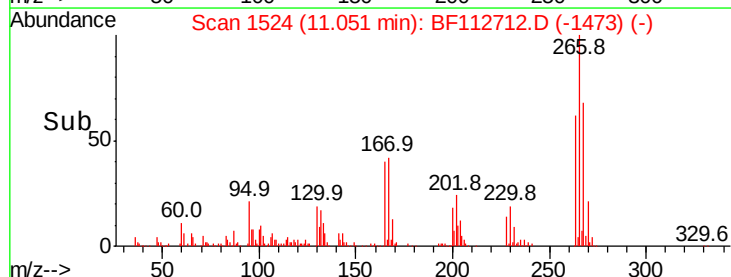
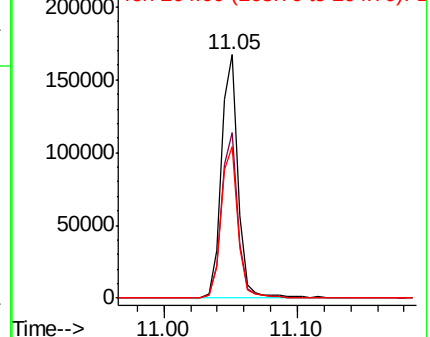
264 62.3 48.9 73.3

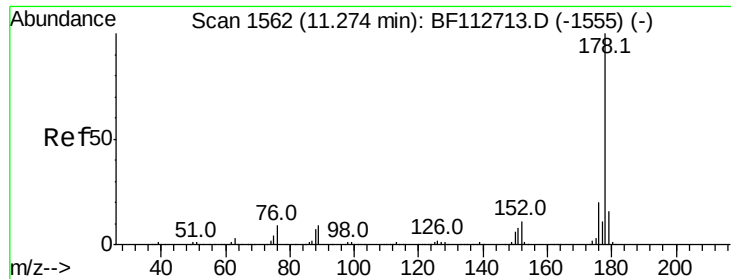


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 25.934 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

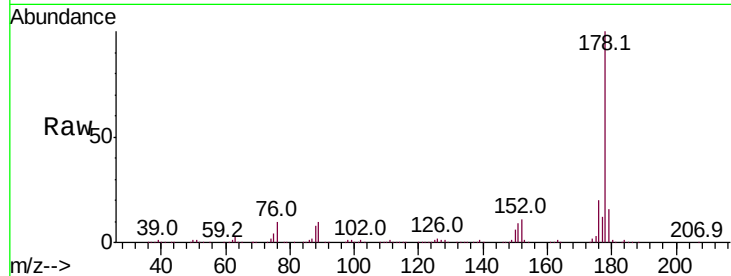
Tot Ion:178 Resp: 1108902

Ion Ratio Lower Upper

178 100

176 20.0 16.3 24.5

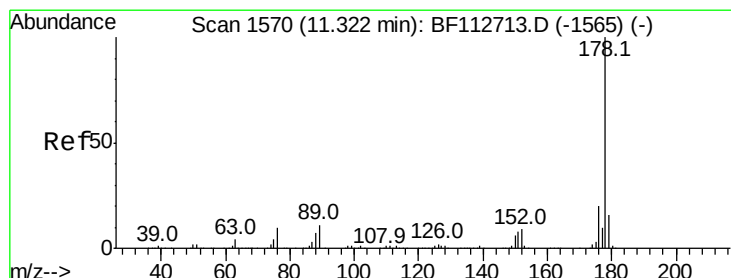
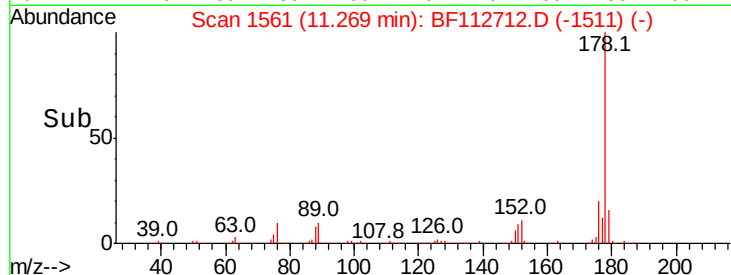
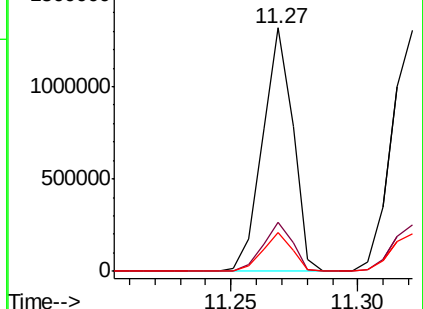
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 26.310 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

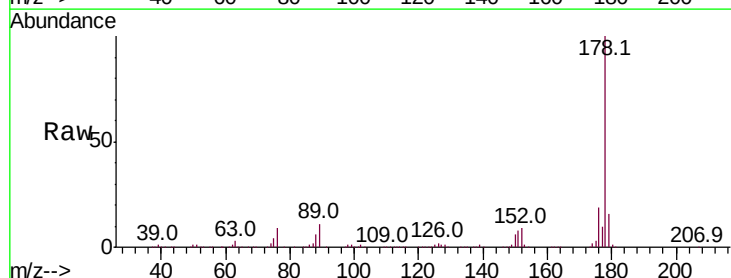
Tgt Ion:178 Resp: 1120610

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

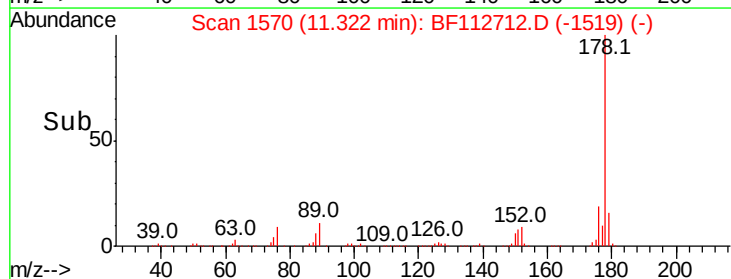
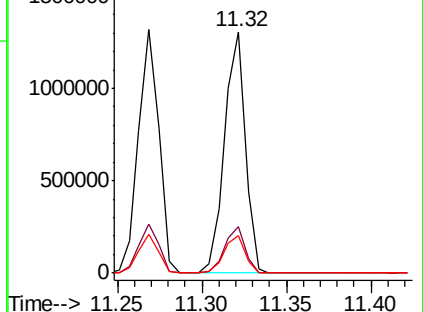
179 15.6 13.0 19.6

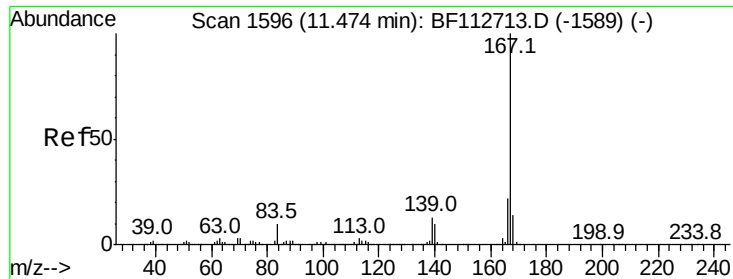


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



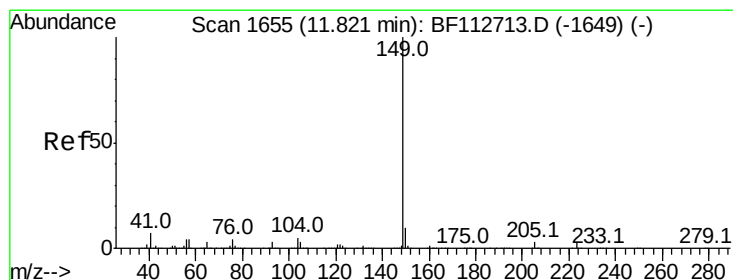
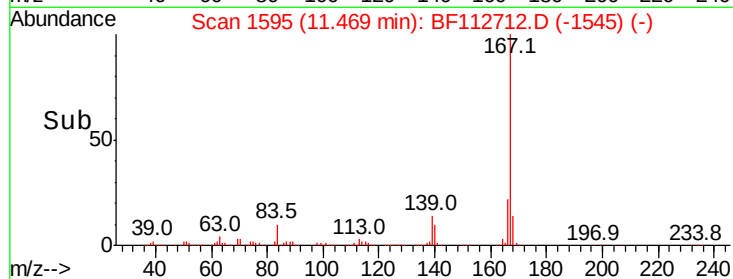
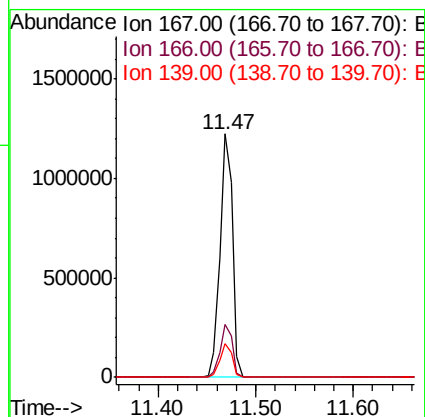
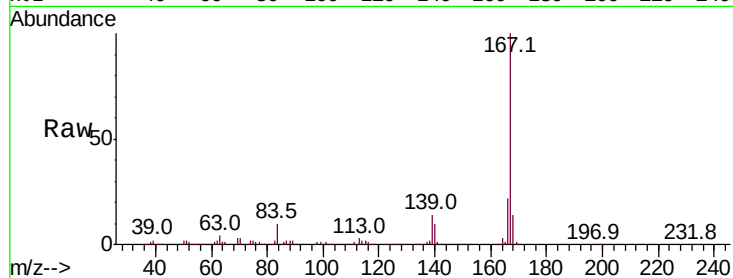


#73
 Carbazole
 Concen: 25.648 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:167 Resp: 1077601

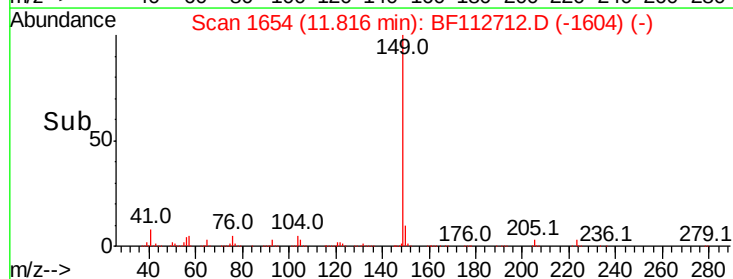
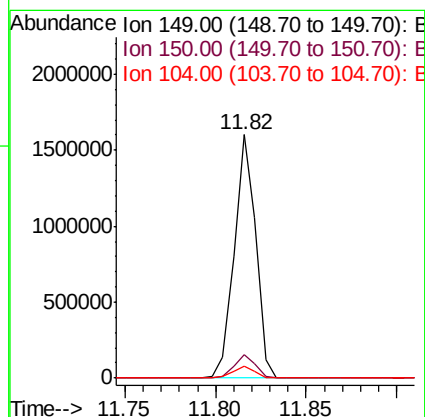
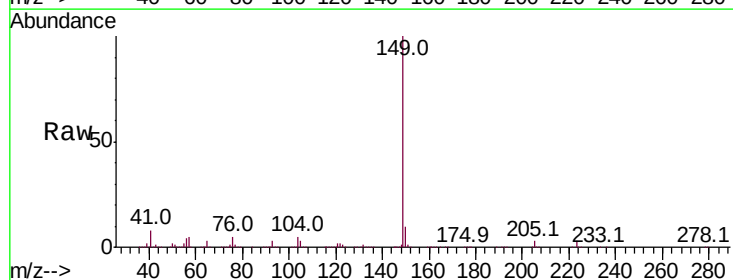
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	13.8	10.8	16.2

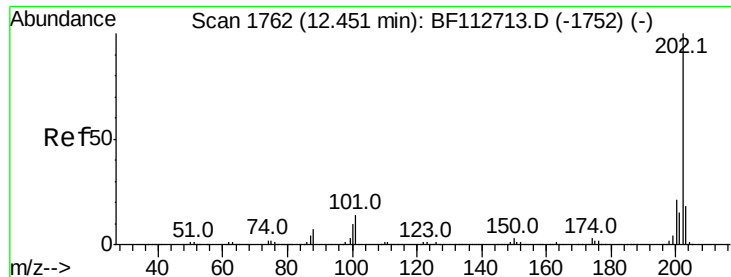


#74
 Di-n-butylphthalate
 Concen: 25.264 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF112712.D
 Acq: 27 Feb 2019 11:15

Tgt Ion:149 Resp: 1317523

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	4.7	3.7	5.5

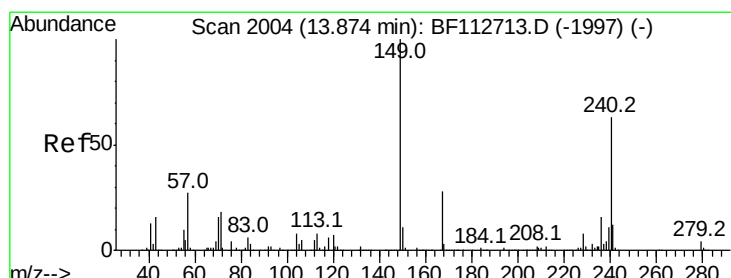
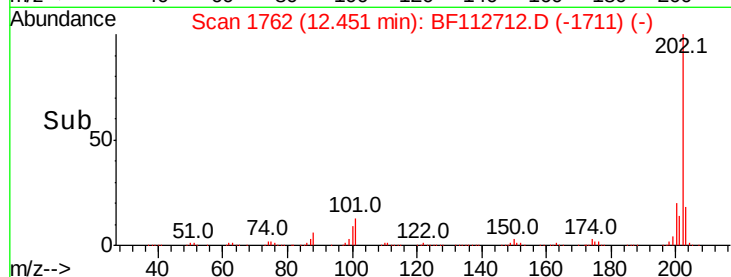
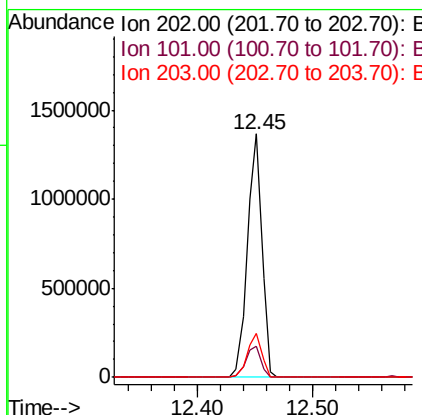
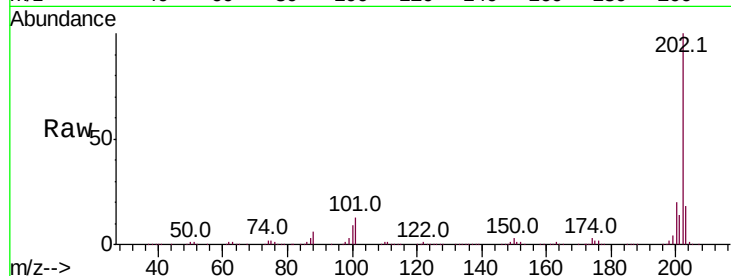




#75
Fluoranthene
Concen: 25.842 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

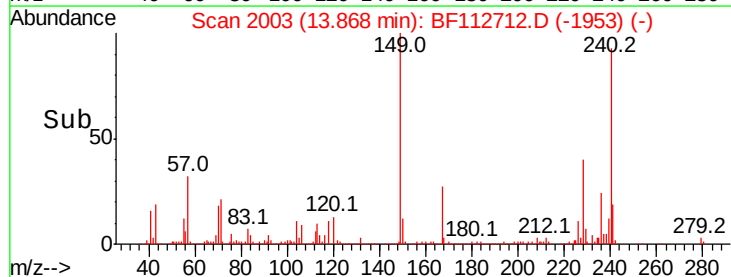
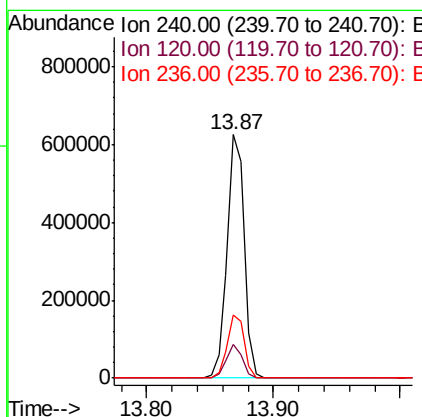
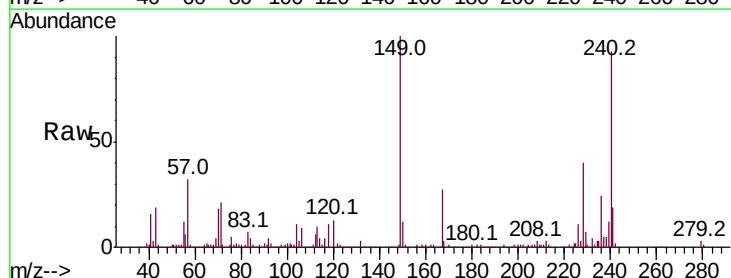
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

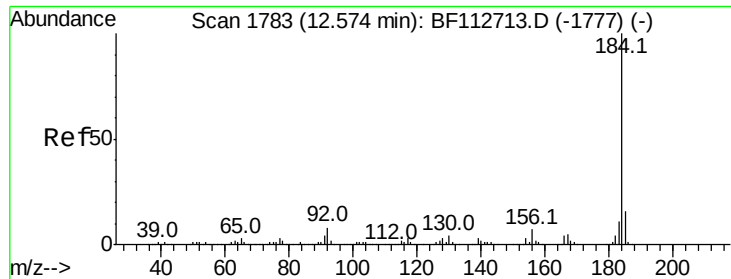
Tot Ion:202 Resp: 1185157
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.8
203 17.9 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion:240 Resp: 582563
Ion Ratio Lower Upper
240 100
120 13.7 8.9 13.3#
236 25.8 20.7 31.1





#77

Benzidine

Concen: 48.566 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

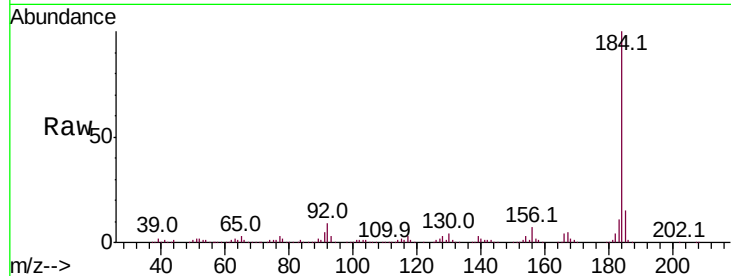
Tot Ion:184 Resp: 778711

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

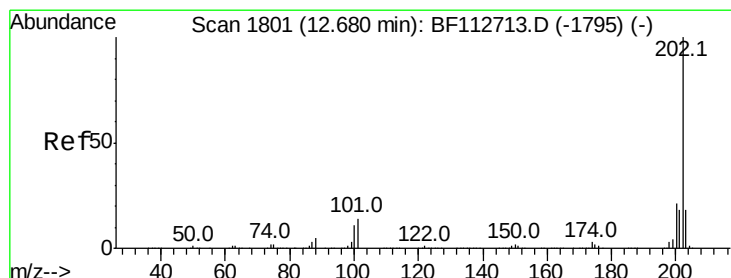
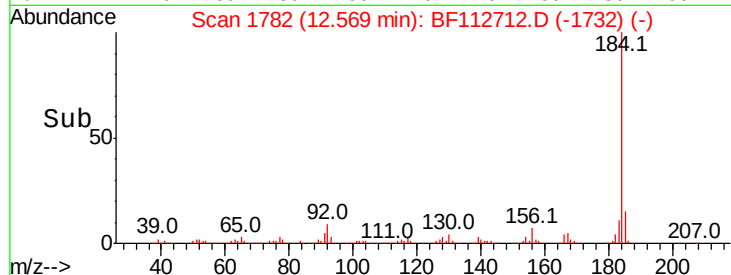
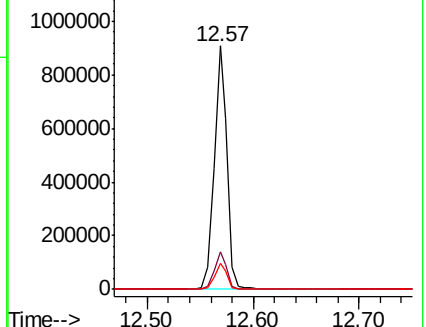
183 10.8 8.6 12.8



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: 29.944 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

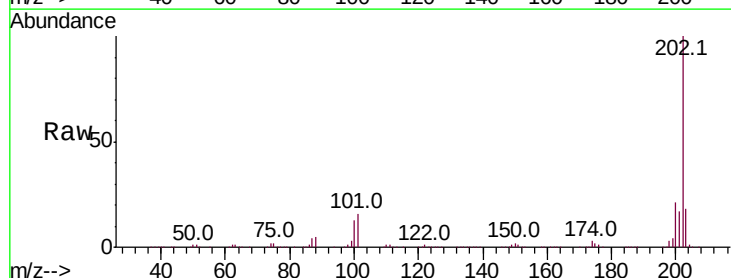
Tgt Ion:202 Resp: 1207755

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.4

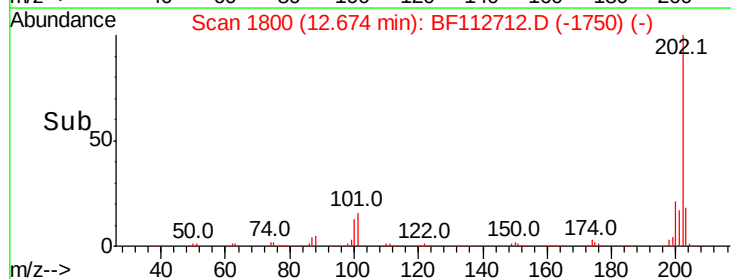
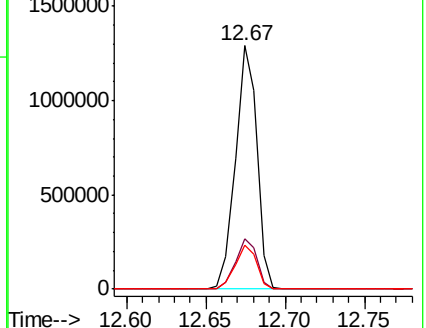
203 18.1 14.4 21.6

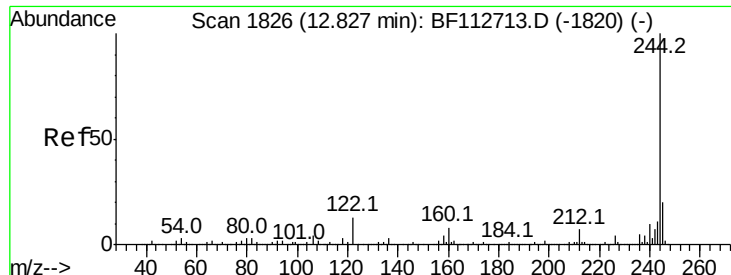


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.410 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

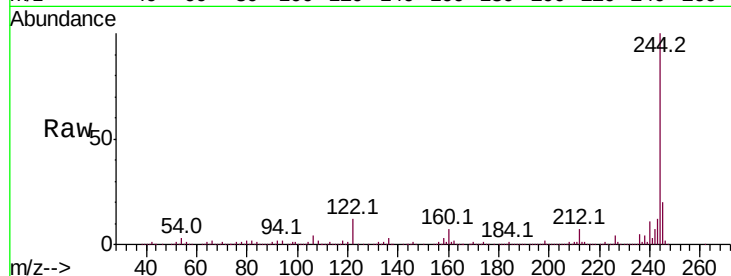
Tot Ion:244 Resp: 1497350

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

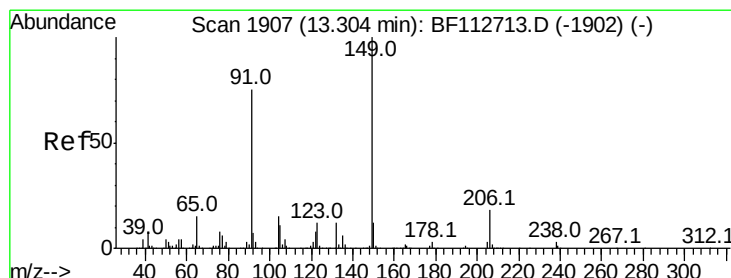
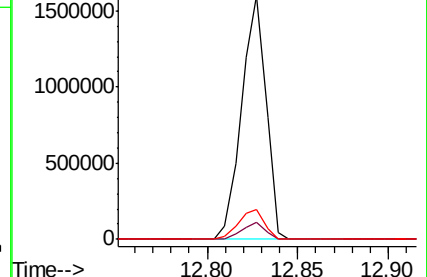
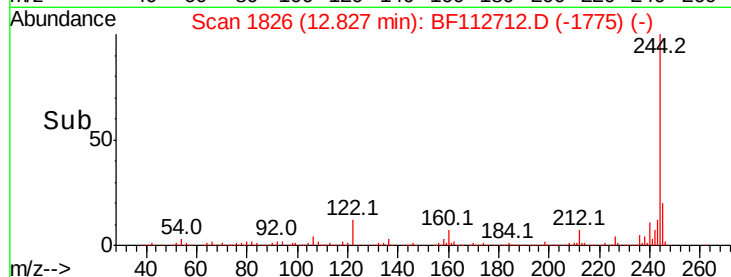
122 12.5 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 27.814 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

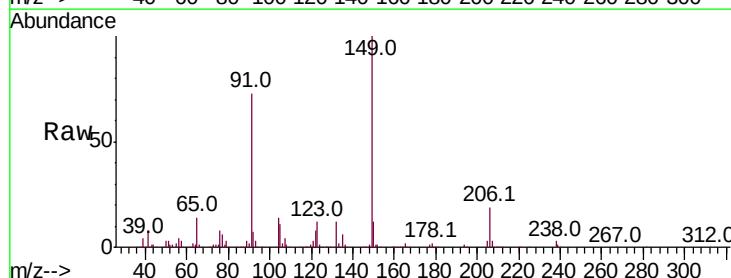
Tgt Ion:149 Resp: 542763

Ion Ratio Lower Upper

149 100

91 72.6 59.9 89.9

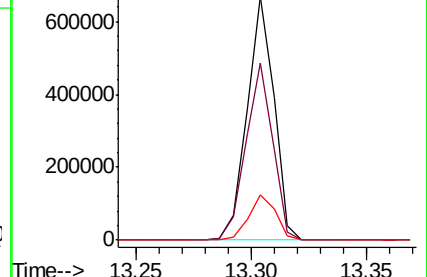
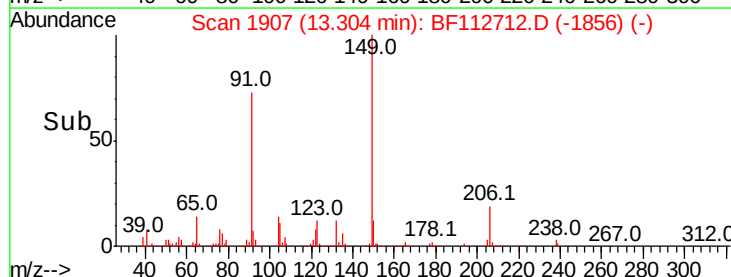
206 18.8 14.7 22.1

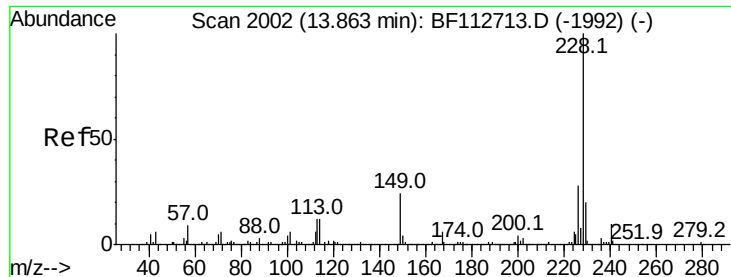


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 29.555 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

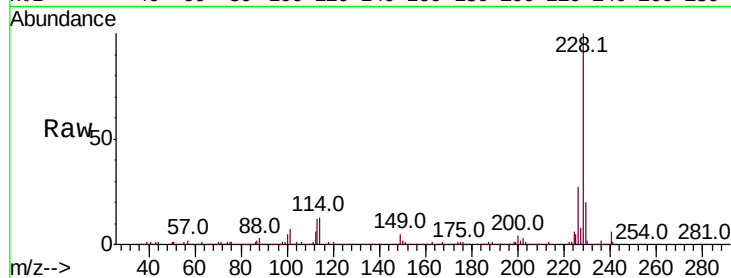
BNA_F

ClientSampleId :

SSTDICC025

Tot Ion:228 Resp: 1012158

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.4
229	20.2	16.0	24.0

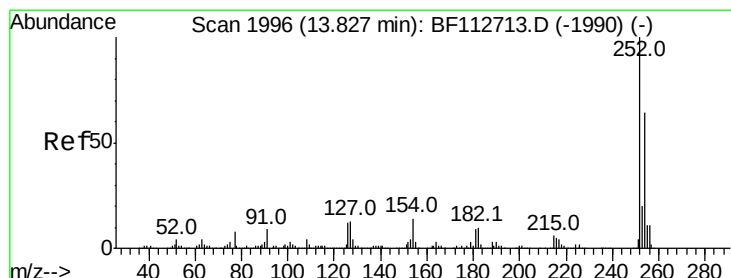
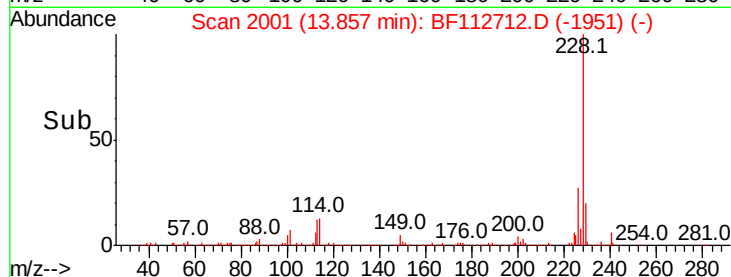
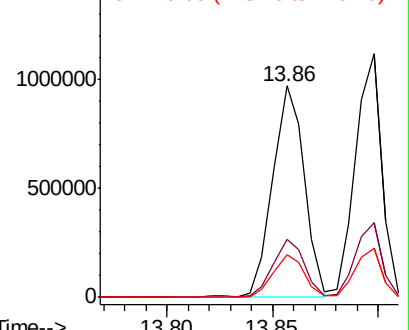


Abundance

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: 30.856 ng

RT: 13.82 min Scan# 1995

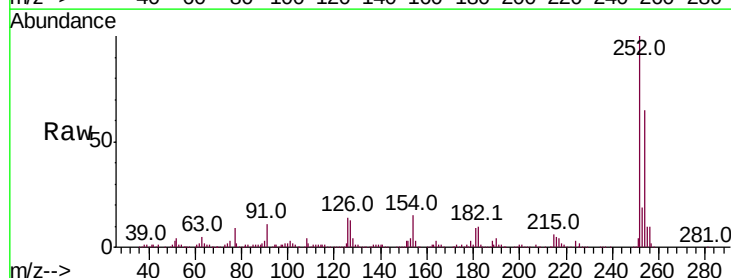
Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Tgt Ion:252 Resp: 395467

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	14.1	9.9	14.9

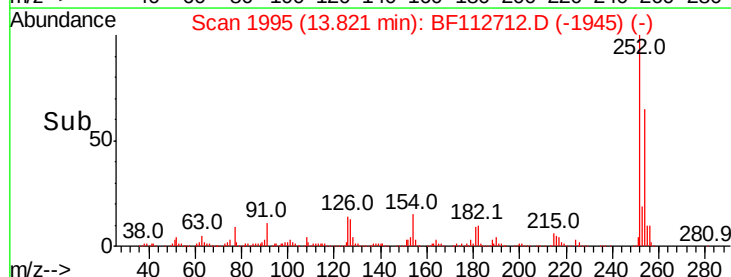
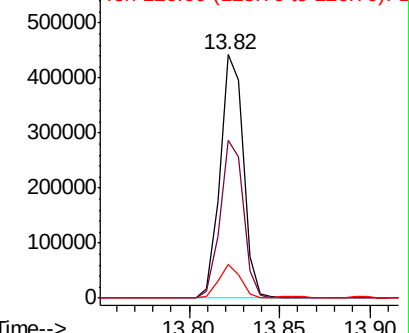


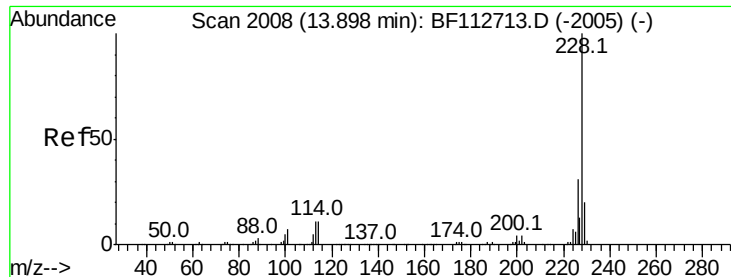
Abundance

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: 29.939 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

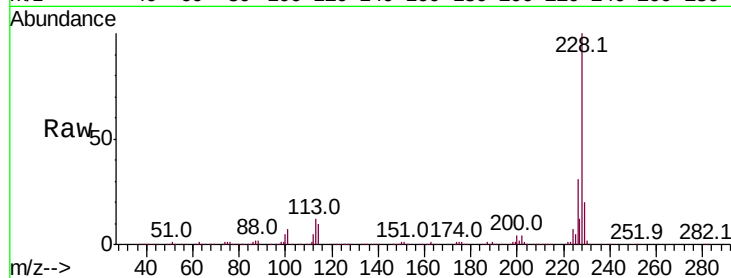
Tot Ion:228 Resp: 978687

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

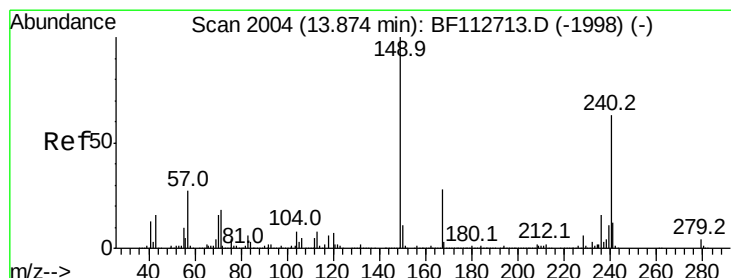
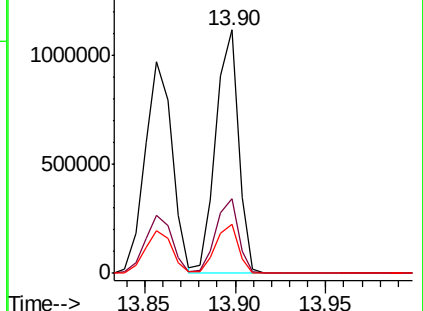
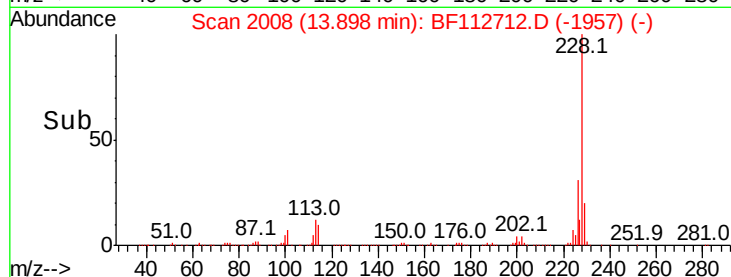
229 20.0 16.3 24.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 23.299 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

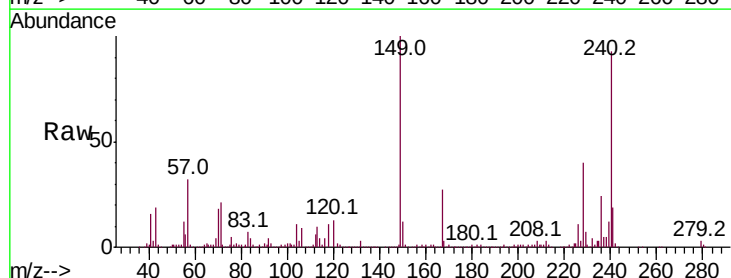
Tgt Ion:149 Resp: 645373

Ion Ratio Lower Upper

149 100

167 27.1 22.4 33.6

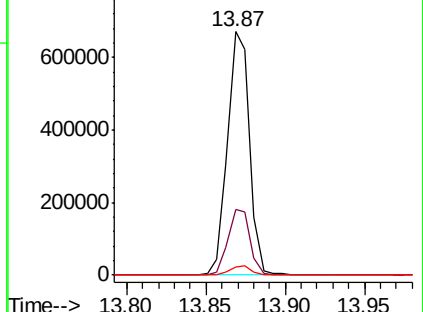
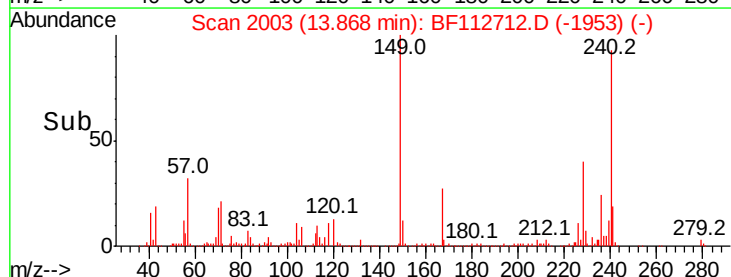
279 3.2 3.3 4.9#

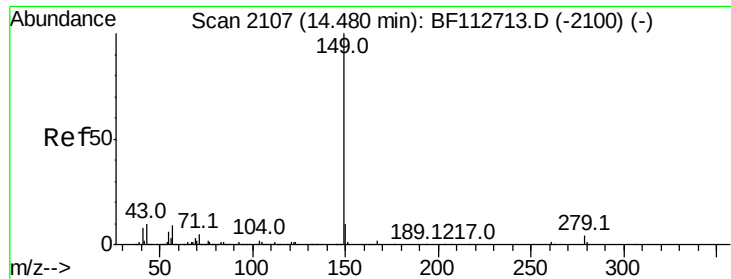


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

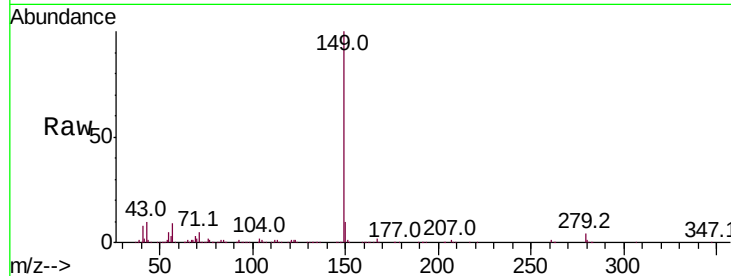




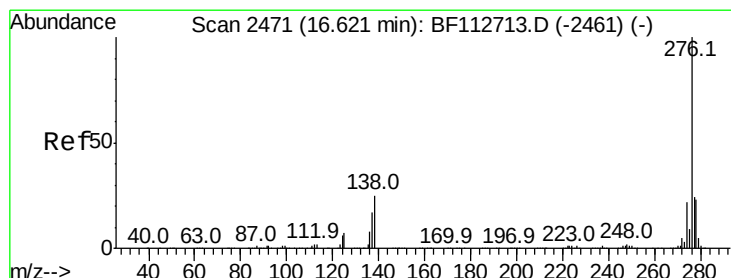
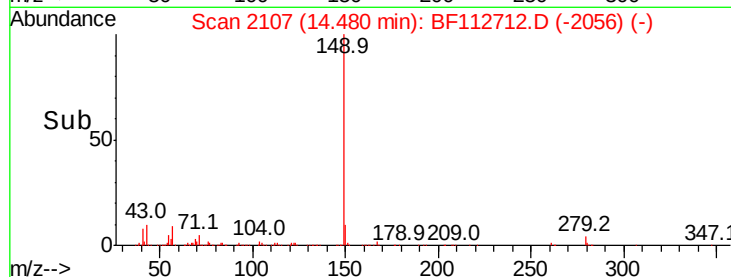
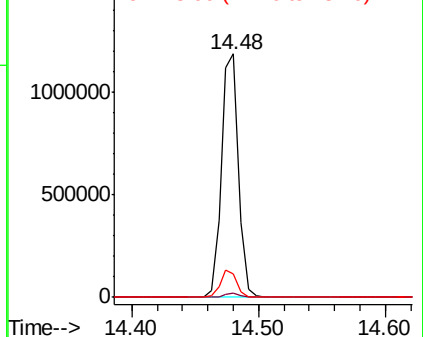
#85
Di-n-octyl phthalate
Concen: 25.907 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:149 Resp: 1104089
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.0 9.0 13.4

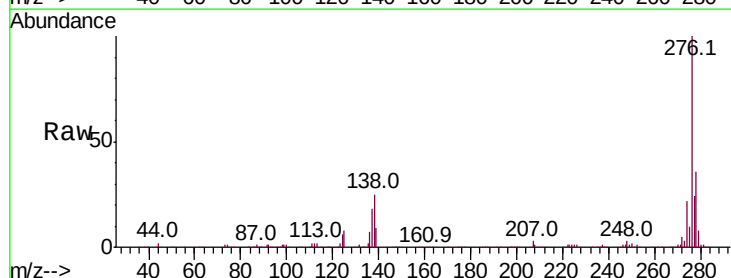


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

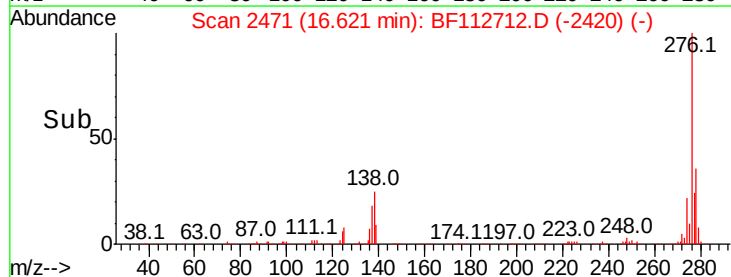
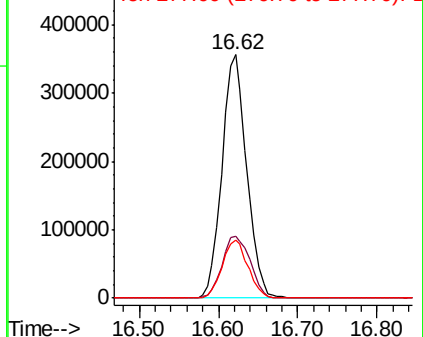


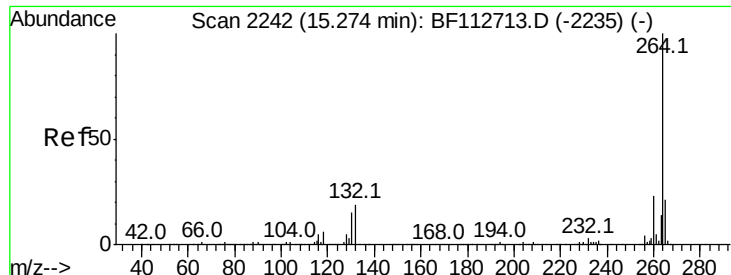
#86
Indeno(1,2,3-cd)pyrene
Concen: 29.599 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion:276 Resp: 766686
Ion Ratio Lower Upper
276 100
138 28.9 23.2 34.8
277 24.8 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



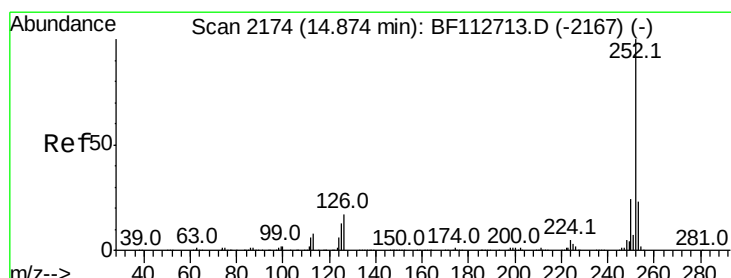
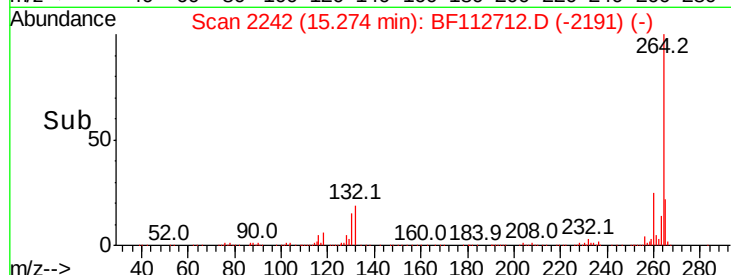
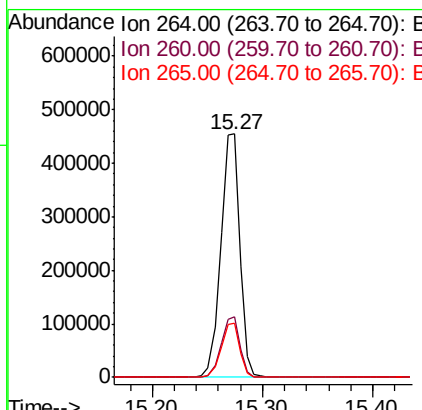
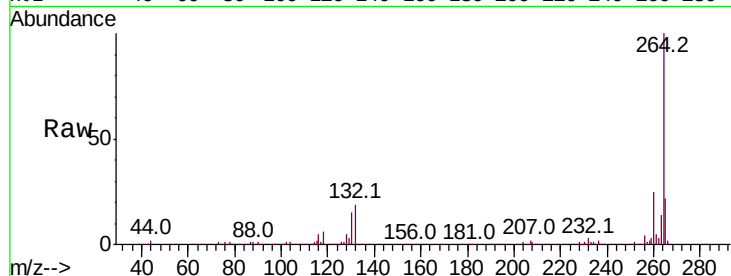


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:264 Resp: 548945

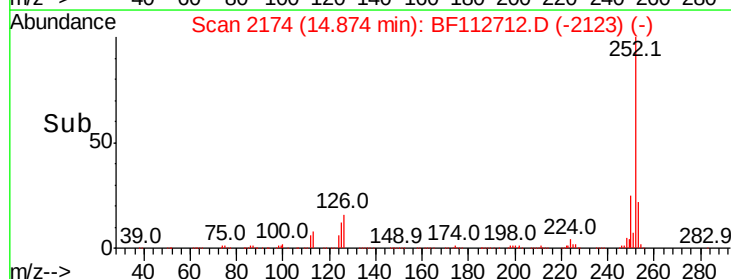
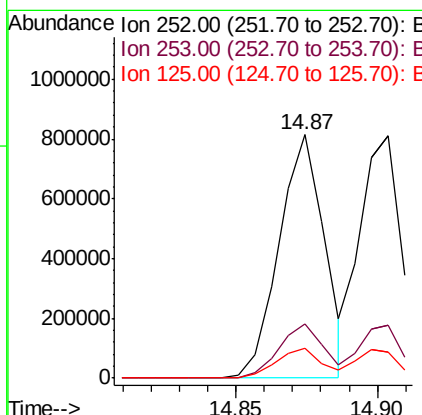
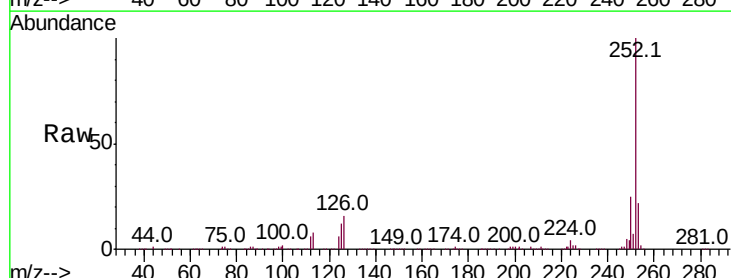
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	22.0	17.2	25.8

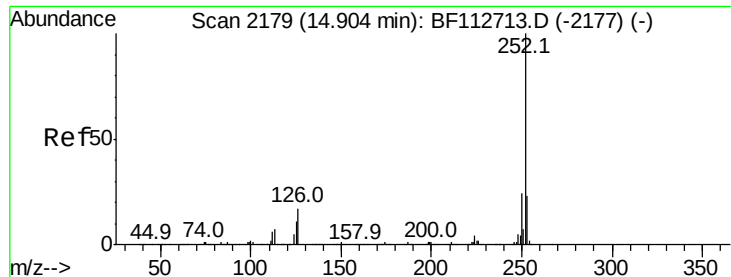


#88
Benzo(b)fluoranthene
Concen: 27.592 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion:252 Resp: 905834

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	12.1	10.2	15.2

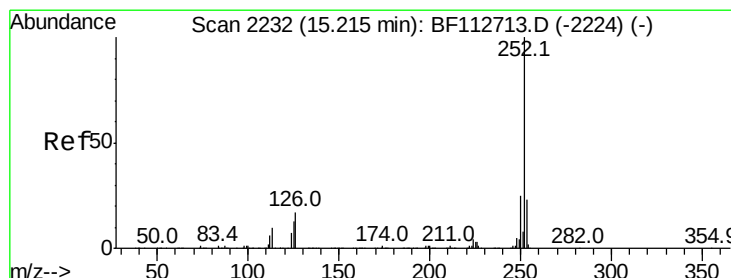
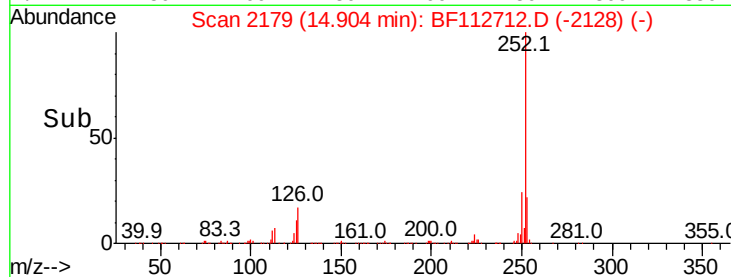
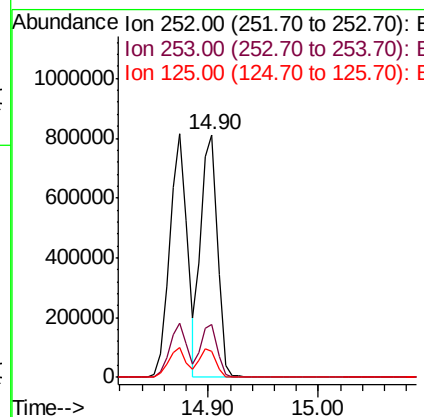
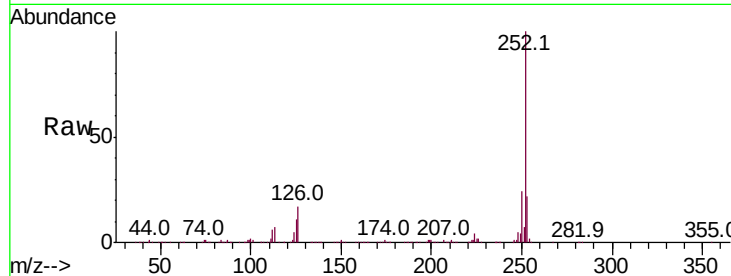




#89
Benzo(k)fluoranthene
Concen: 26.232 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

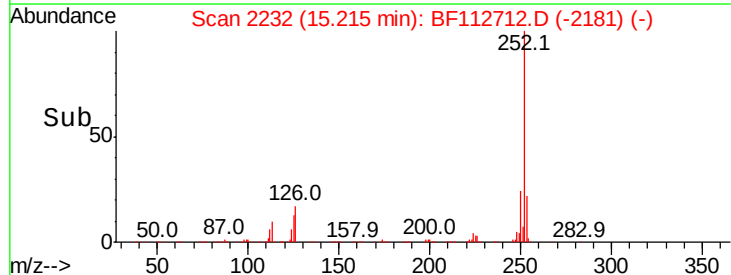
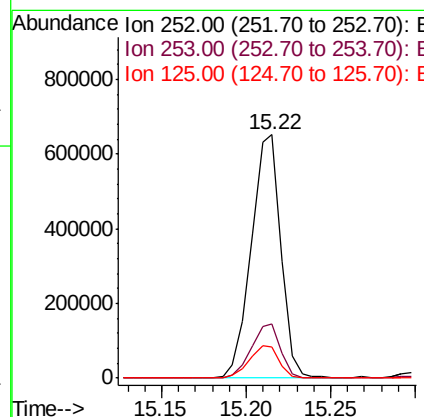
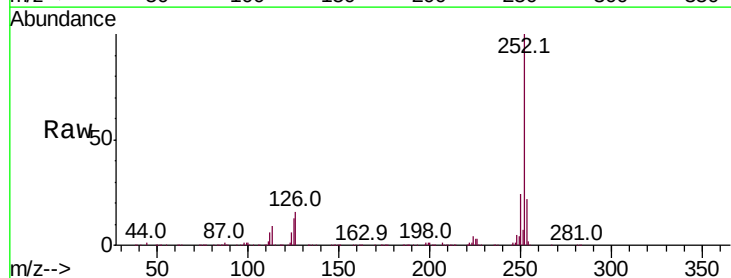
Instrument :
BNA_F
ClientSampleId :
SSTDICC025

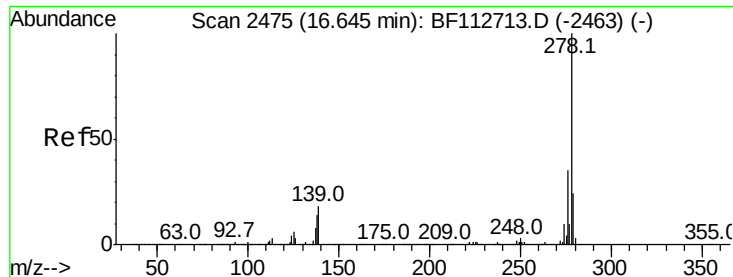
Tot Ion:252 Resp: 824874
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 11.0 9.8 14.6



#90
Benzo(a)pyrene
Concen: 27.025 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112712.D
Acq: 27 Feb 2019 11:15

Tgt Ion:252 Resp: 798313
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 12.6 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 26.355 ng

RT: 16.64 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Instrument :

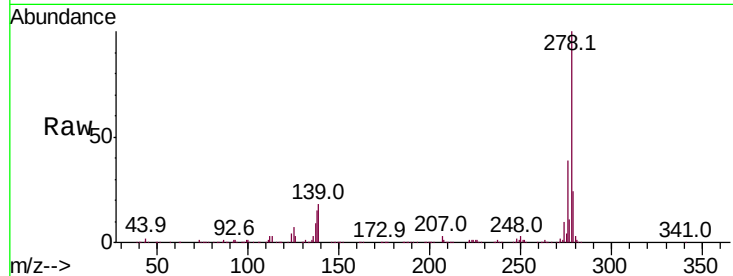
BNA_F

ClientSampleId :

SSTDICC025

Tot Ion:278 Resp: 627446

Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.3	21.5
279	24.3	19.4	29.0

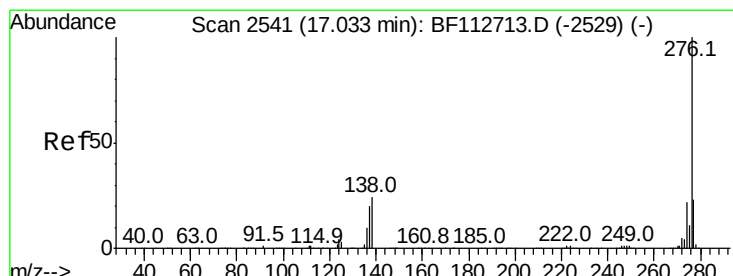
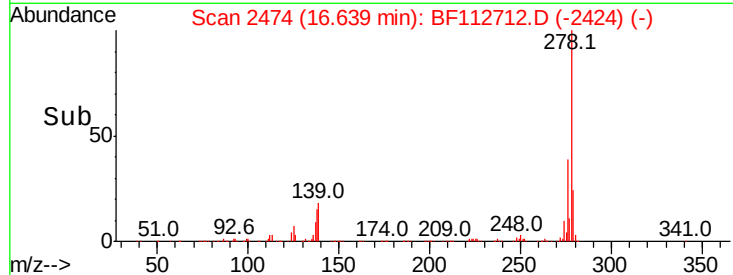
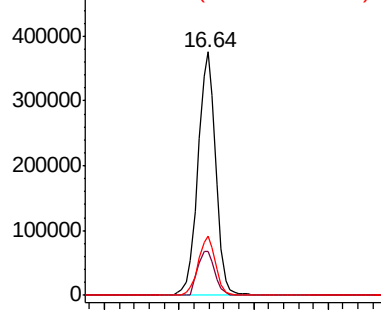


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 26.817 ng

RT: 17.02 min Scan# 2539

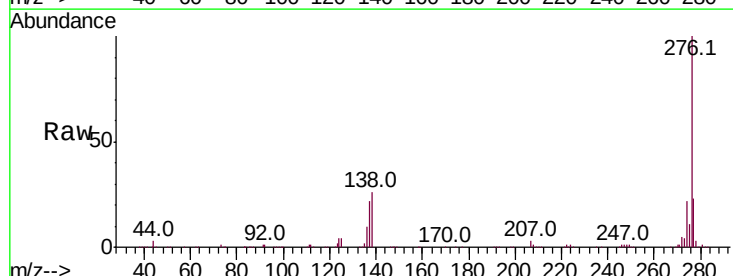
Delta R.T. -0.01 min

Lab File: BF112712.D

Acq: 27 Feb 2019 11:15

Tgt Ion:276 Resp: 602332

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	27.8
138	25.8	19.4	29.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

