

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099831.D
 Acq On : 25 Oct 2017 23:35
 Operator : SJ/JU
 Sample : I5775-03MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Quant Time: Oct 26 02:39:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	78092	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	319283	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	142248	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	254715	20.00	ng	0.00
75) Chrysene-d12	13.99	240	186661	20.00	ng	0.00
86) Perylene-d12	15.46	264	166054	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	569298	114.45	ng	0.02
7) Phenol-d6	6.45	99	621685	105.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	409015	82.47	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	155381	119.86	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	835032	90.57	ng	0.00
78) Terphenyl-d14	12.92	244	728283	85.27	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.64	88	72855	33.168	ng	# 78
3) Pyridine	3.40	79	127514	24.140	ng	# 88
4) n-Nitrosodimethylamine	3.32	42	71329	37.798	ng	# 64
6) Aniline	6.47	93	66406	8.684	ng	# 63
8) 2-Chlorophenol	6.59	128	218821	41.276	ng	92
9) Benzaldehyde	6.36	77	50002	14.187	ng	95
10) Phenol	6.46	94	227862	35.188	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	203680	40.732	ng	95
12) 1,3-Dichlorobenzene	6.73	146	236693	39.764	ng	97
13) 1,4-Dichlorobenzene	6.81	146	241394	39.958	ng	98
14) 1,2-Dichlorobenzene	6.96	146	223229	40.544	ng	97
15) Benzyl Alcohol	6.95	79	159699	42.577	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	257322	46.324	ng	57
17) 2-Methylphenol	7.06	107	170624	38.477	ng	# 92
18) Hexachloroethane	7.30	117	75301	37.361	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	139719	40.424	ng	91
20) 3+4-Methylphenols	7.22	107	221201	42.840	ng	# 76
22) Acetophenone	7.21	105	293398	40.359	ng	# 95
24) Nitrobenzene	7.39	77	208459	41.717	ng	89
25) Isophorone	7.62	82	391914	43.551	ng	96
26) 2-Nitrophenol	7.70	139	118844	41.524	ng	# 88
27) 2,4-Dimethylphenol	7.74	122	188280	44.649	ng	94
28) bis(2-Chloroethoxy)methane	7.83	93	261642	41.515	ng	98
29) 2,4-Dichlorophenol	7.95	162	192503	43.944	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	193519	41.345	ng	98
31) Naphthalene	8.10	128	636239	41.282	ng	99
32) Benzoic acid	7.89	122	115550	31.131	ng	92
33) 4-Chloroaniline	8.16	127	59857	9.405	ng	95
34) Hexachlorobutadiene	8.21	225	95798	39.791	ng	99
35) Caprolactam	8.54	113	48176	34.971	ng	# 80
36) 4-Chloro-3-methylphenol	8.66	107	185811	41.557	ng	89
37) 2-Methylnaphthalene	8.79	142	442474	42.841	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	182561	39.737	ng	# 97
40) Hexachlorocyclopentadiene	8.94	237	9814	21.919	ng	91

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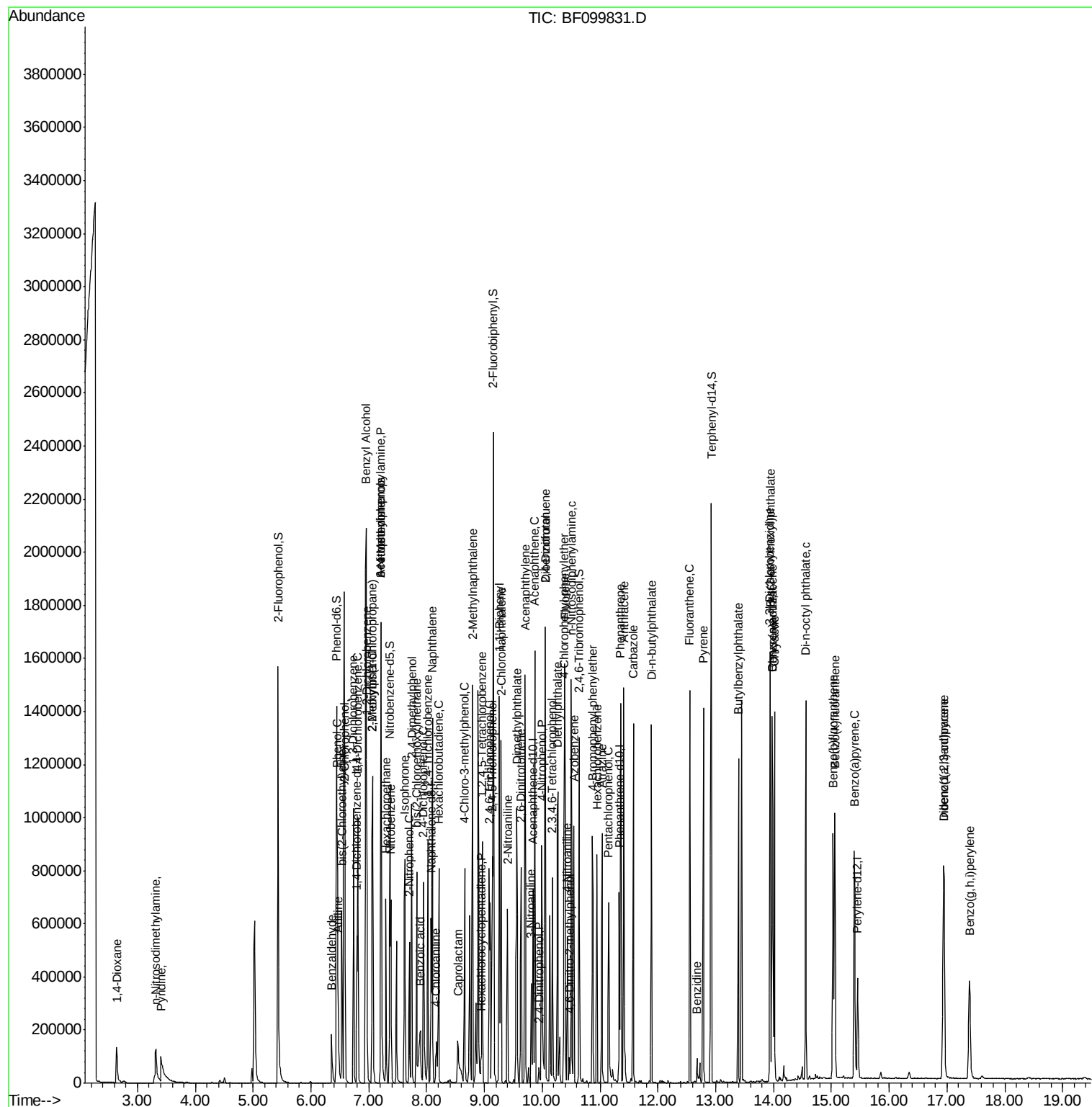
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	123796	44.547	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	126781	42.991	nq #	94
45) 1,1'-Biphenyl	9.26	154	517706	40.231	nq	99
46) 2-Chloronaphthalene	9.29	162	400384	42.842	nq	96
47) 2-Nitroaniline	9.40	65	107485	43.821	nq #	78
48) Acenaphthylene	9.70	152	580955	40.361	nq	100
49) Dimethylphthalate	9.56	163	471767	41.880	nq	99
50) 2,6-Dinitrotoluene	9.64	165	101672	42.933	nq #	77
51) Acenaphthene	9.87	154	351104	39.921	nq	98
52) 3-Nitroaniline	9.81	138	65984	23.647	nq #	90
53) 2,4-Dinitrophenol	9.94	184	13567	19.226	nq	90
54) Dibenzofuran	10.05	168	522026	42.049	nq	99
55) 4-Nitrophenol	9.99	139	119344	81.857	nq	83
56) 2,4-Dinitrotoluene	10.05	165	120789	42.354	nq #	93
57) Fluorene	10.39	166	423365	41.187	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	96915	46.872	nq	92
59) Diethylphthalate	10.27	149	453101	41.188	nq	96
60) 4-Chlorophenyl-phenylether	10.38	204	195815	40.477	nq	94
61) 4-Nitroaniline	10.43	138	97806	36.739	nq	82
62) Azobenzene	10.54	77	381974	41.422	nq	93
64) 4,6-Dinitro-2-methylphenol	10.47	198	14136	8.829	nq #	79
65) n-Nitrosodiphenylamine	10.50	169	383161	40.750	nq	98
66) 4-Bromophenyl-phenylether	10.87	248	114188	42.583	nq	96
67) Hexachlorobenzene	10.95	284	111340	40.585	nq	92
68) Atrazine	11.03	200	116442	41.227	nq	99
69) Pentachlorophenol	11.15	266	99896	85.218	nq	97
70) Phenanthrene	11.36	178	597515	41.567	nq	98
71) Anthracene	11.41	178	605323	41.485	nq	99
72) Carbazole	11.57	167	569169	41.481	nq	98
73) Di-n-butylphthalate	11.89	149	722699	41.294	nq	98
74) Fluoranthene	12.55	202	603766	40.416	nq	100
76) Benzidine	12.67	184	44085	5.397	nq	98
77) Pyrene	12.79	202	615035	43.332	nq	99
79) Butylbenzylphthalate	13.39	149	297264	42.531	nq	89
80) Benzo(a)anthracene	13.98	228	498456	42.124	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	147291	34.291	nq	99
82) Chrysene	14.02	228	473477	42.561	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	415790	42.362	nq	98
84) Di-n-octyl phthalate	14.56	149	705959	41.906	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	367307	35.966	nq	97
87) Benzo(b)fluoranthene	15.03	252	464745	44.323	nq	99
88) Benzo(k)fluoranthene	15.06	252	431519	43.643	nq	99
89) Benzo(a)pyrene	15.40	252	411202	43.657	nq #	97
90) Dibenzo(a,h)anthracene	16.94	278	318971	38.112	nq	97
91) Benzo(g,h,i)perylene	17.39	276	288669	35.254	nq	97

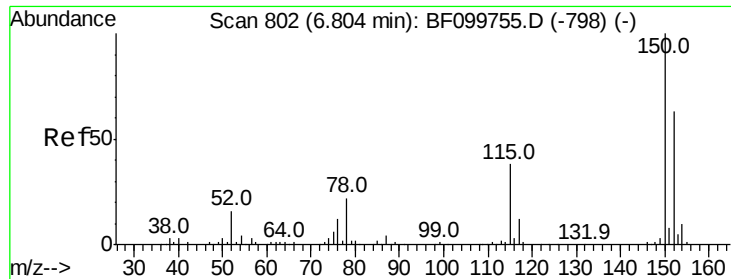
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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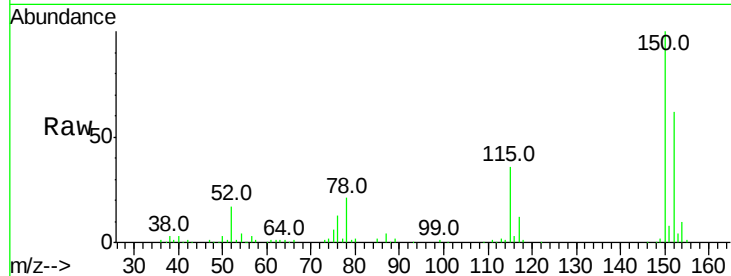


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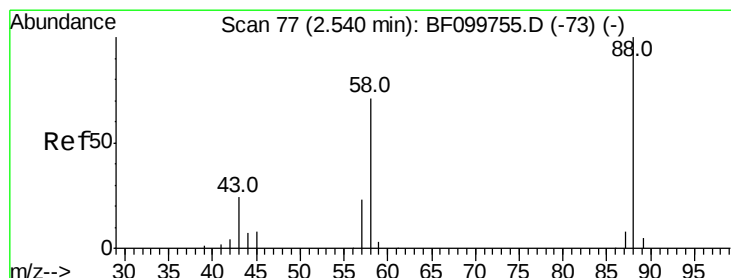
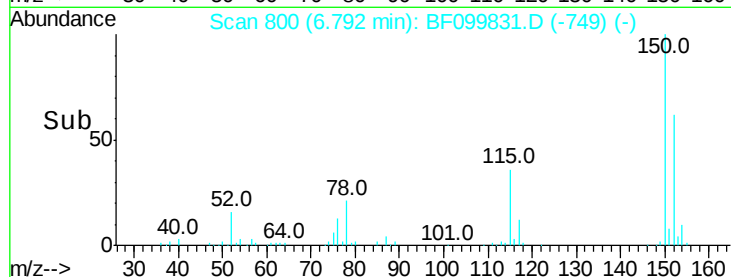
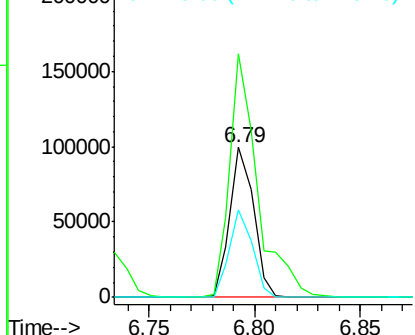
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

Tot Ion:152 Resp: 78092
Ion Ratio Lower Upper
152 100
150 162.6 124.6 186.8
115 58.2 50.1 75.1



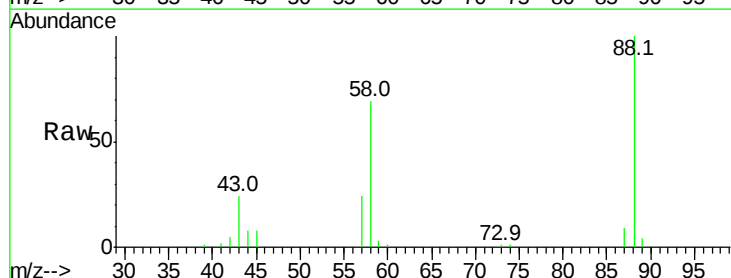
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



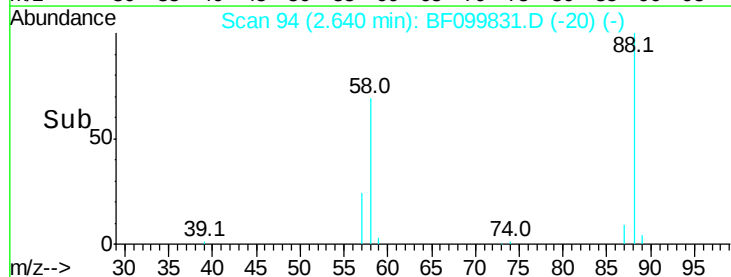
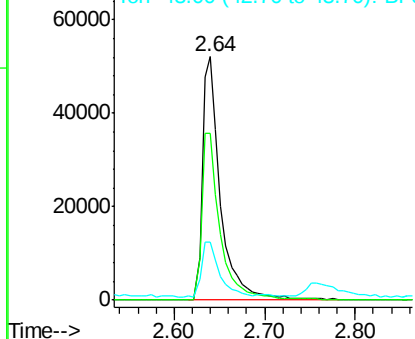
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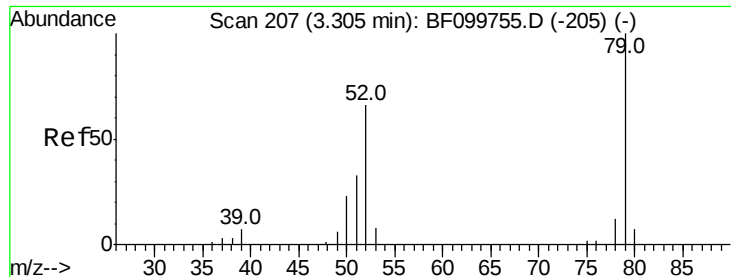
1,4-Dioxane
Concen: 33.168 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.14 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion: 88 Resp: 72855
Ion Ratio Lower Upper
88 100
58 70.5 62.6 93.8
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

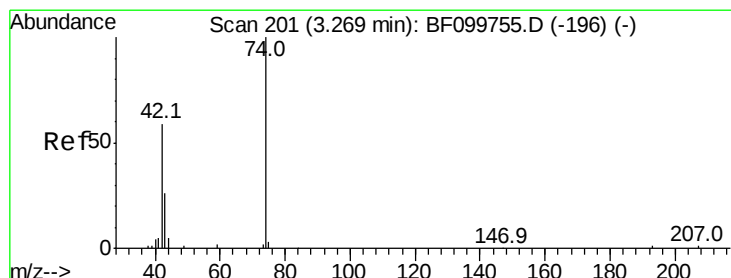
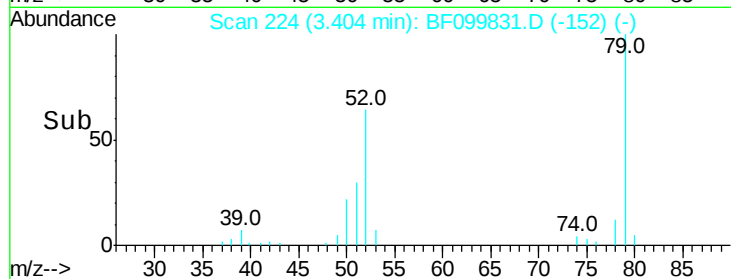
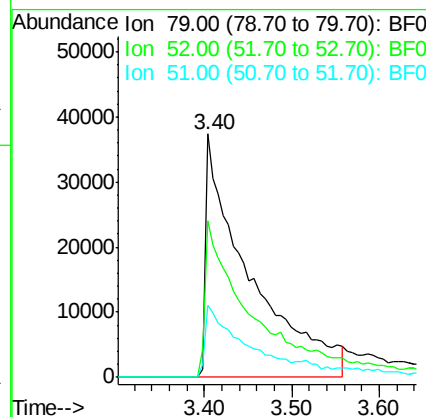
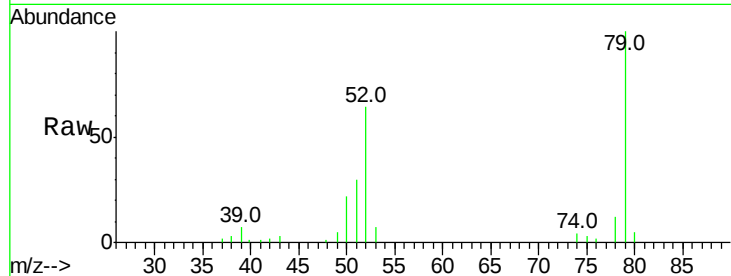




#3
 Pvridine
 Concen: 24.140 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.12 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

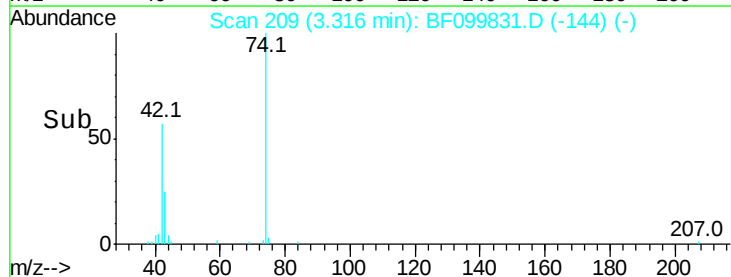
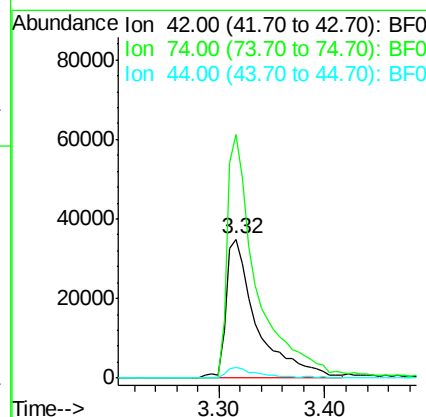
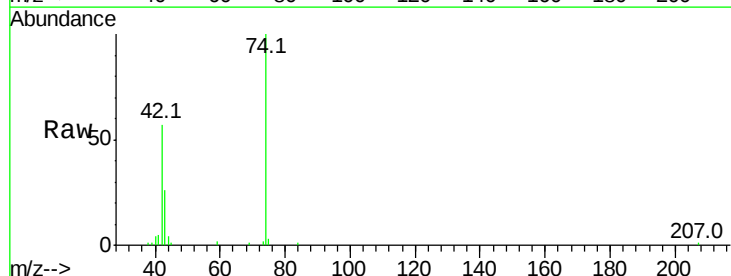
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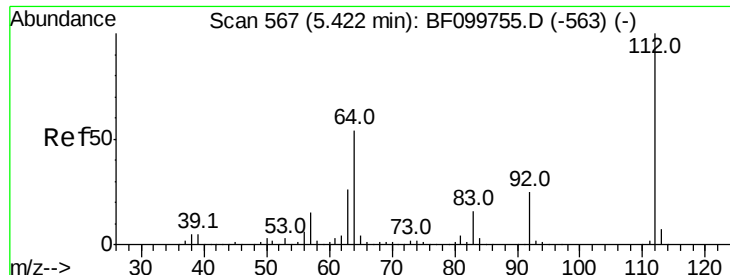
Tot Ion: 79 Resp: 127514
 Ion Ratio Lower Upper
 79 100
 52 64.3 59.8 89.6
 51 29.6 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 37.798 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.08 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Tgt Ion: 42 Resp: 71329
 Ion Ratio Lower Upper
 42 100
 74 175.4 104.9 157.3#
 44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 114.452 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

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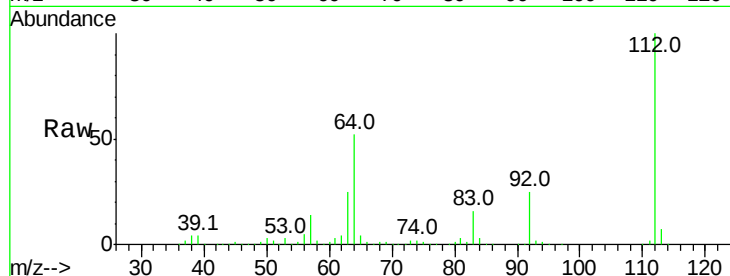
Tot Ion:112 Resp: 569298

Ion Ratio Lower Upper

112 100

64 52.2 47.9 71.9

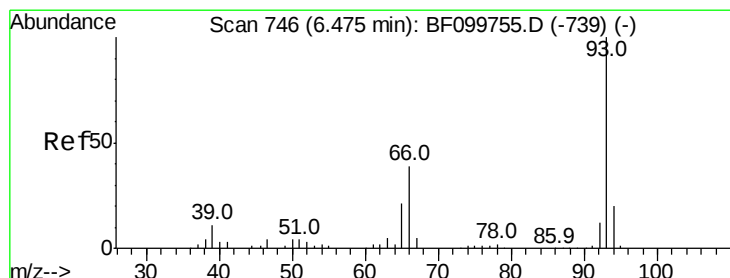
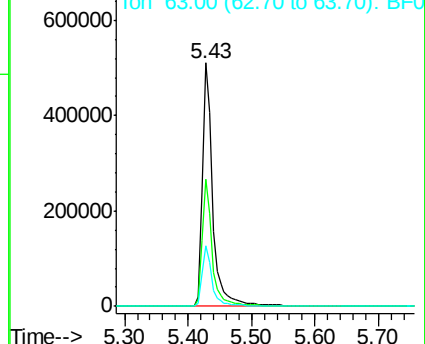
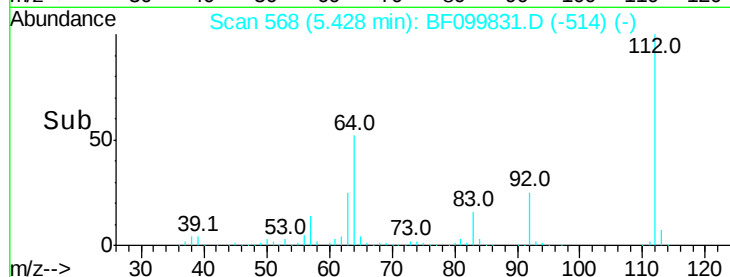
63 25.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.684 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

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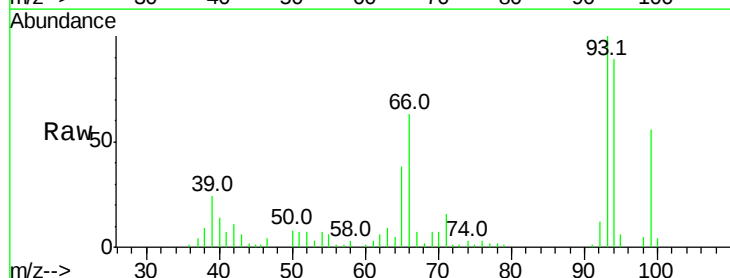
Tgt Ion: 93 Resp: 66406

Ion Ratio Lower Upper

93 100

66 62.6 32.2 48.2#

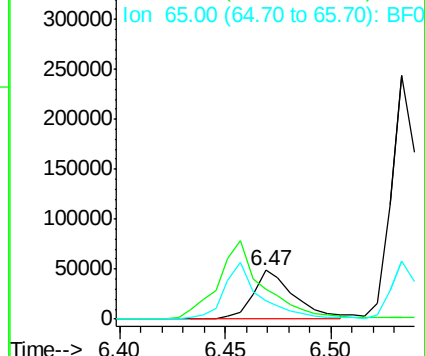
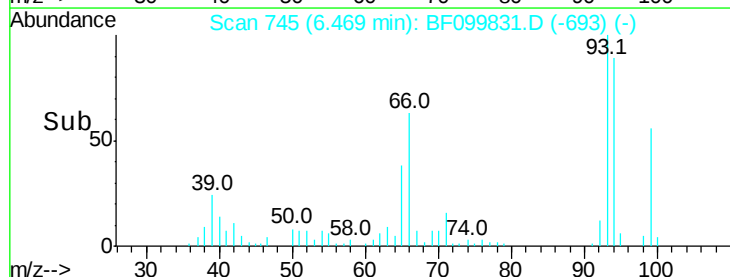
65 37.8 16.4 24.6#

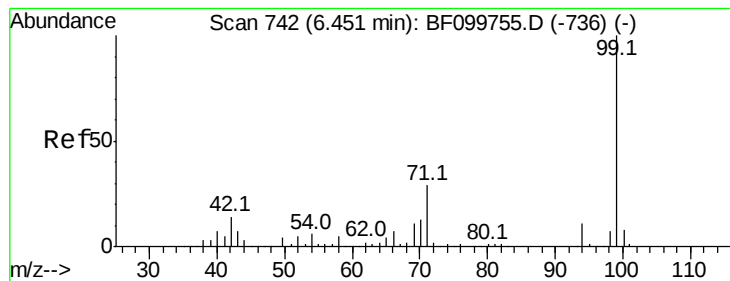


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.408 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

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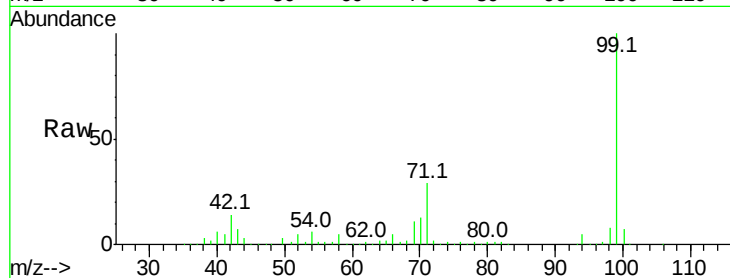
Tot Ion: 99 Resp: 621685

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

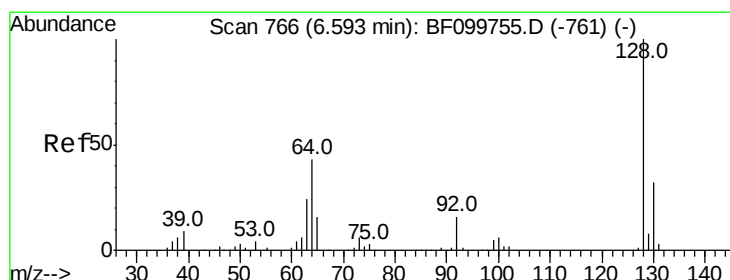
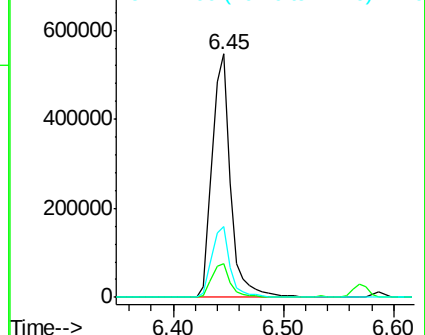
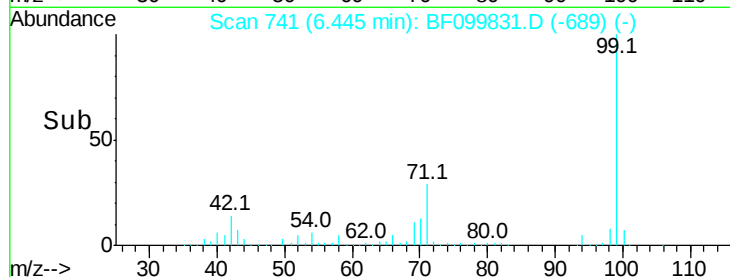
71 28.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.276 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

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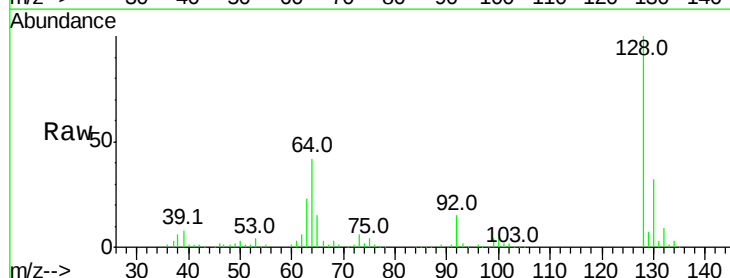
Tgt Ion: 128 Resp: 218821

Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

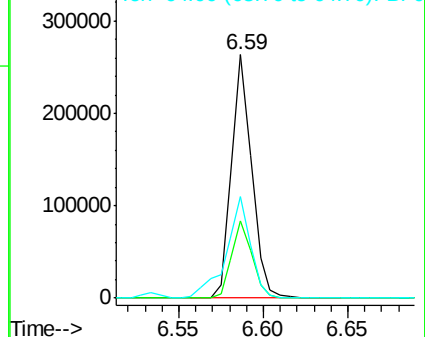
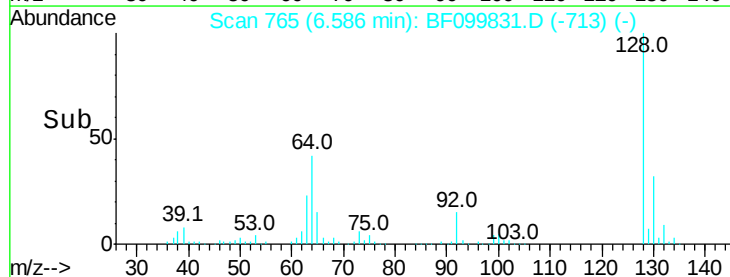
64 41.5 29.4 69.4

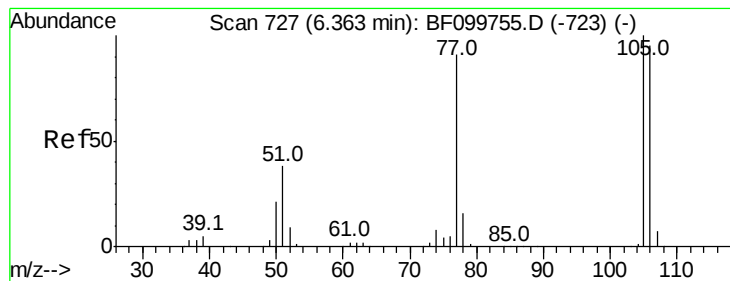


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.187 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

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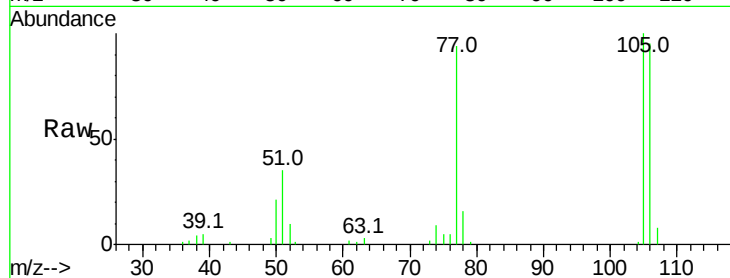
Tot Ion: 77 Resp: 50002

Ion Ratio Lower Upper

77 100

105 106.0 81.1 121.1

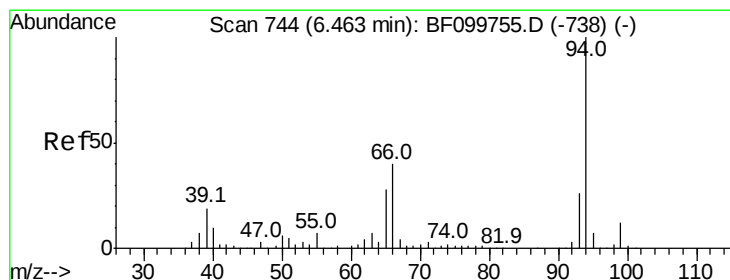
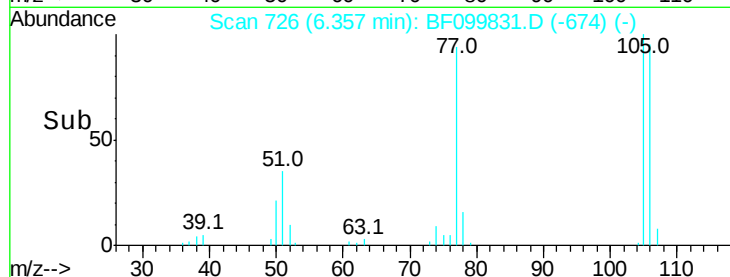
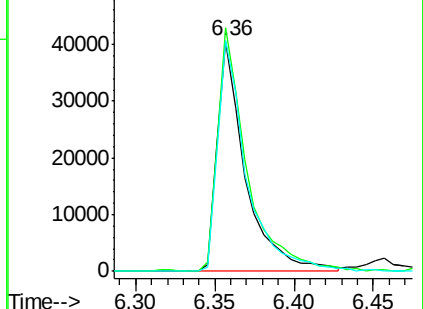
106 100.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.188 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

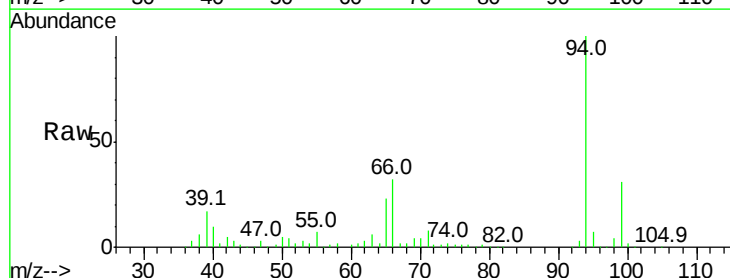
Tgt Ion: 94 Resp: 227862

Ion Ratio Lower Upper

94 100

65 23.5 7.9 47.9

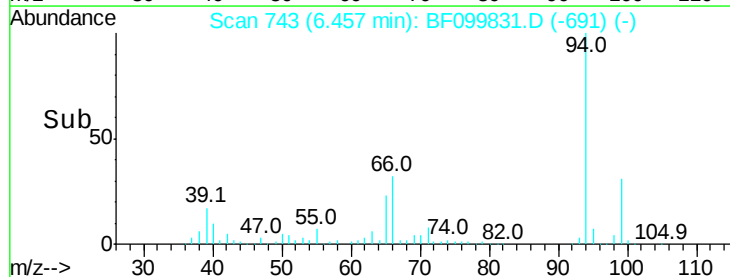
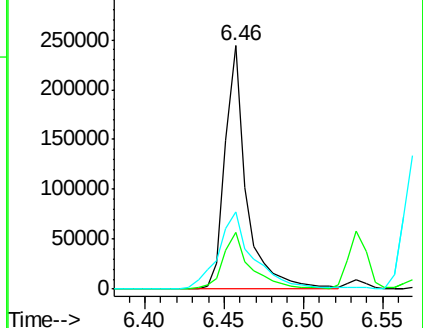
66 32.0 16.2 56.2

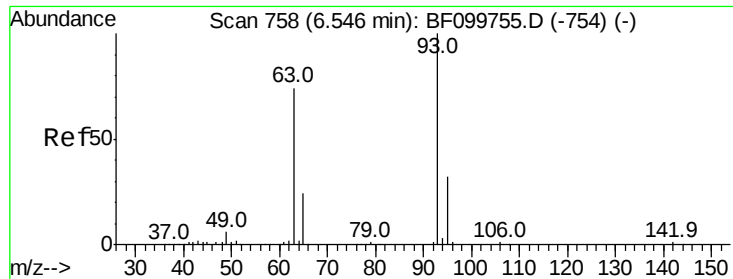


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.732 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

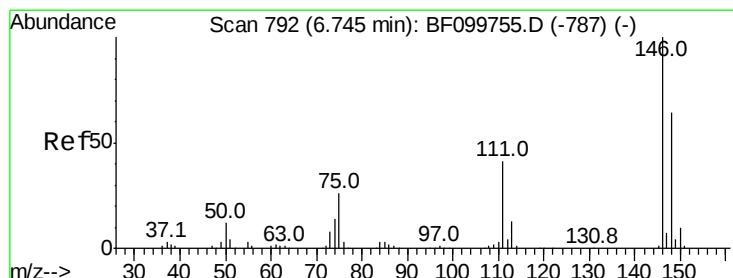
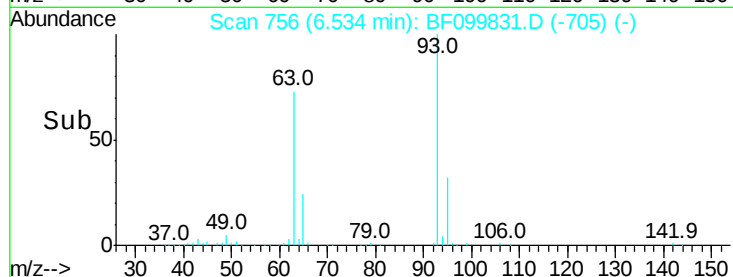
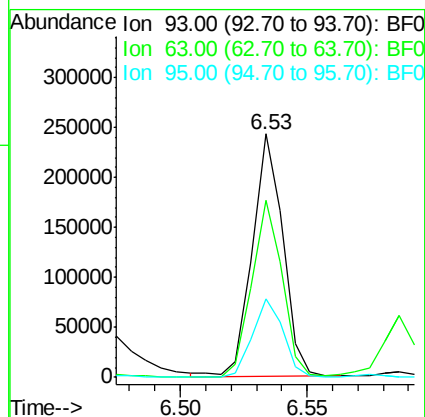
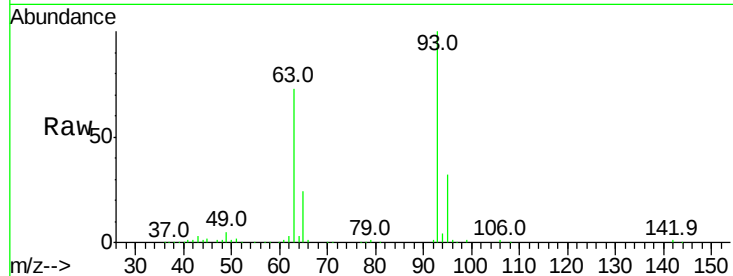
Tot Ion: 93 Resp: 203680

Ion Ratio Lower Upper

93 100

63 72.9 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 39.764 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

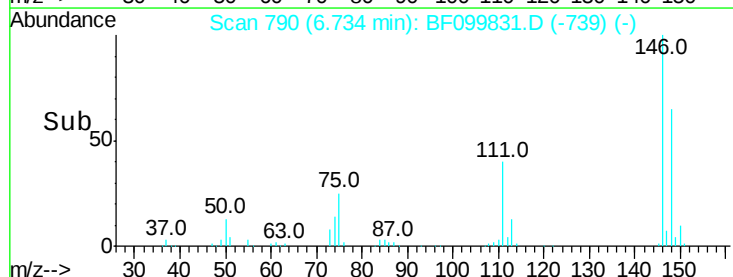
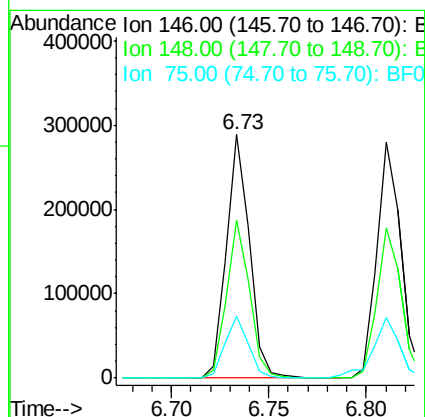
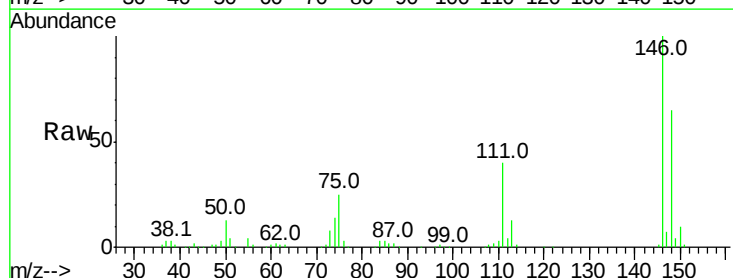
Tgt Ion: 146 Resp: 236693

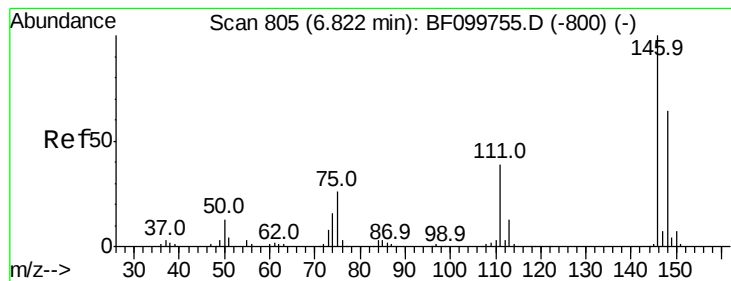
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

75 25.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.958 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

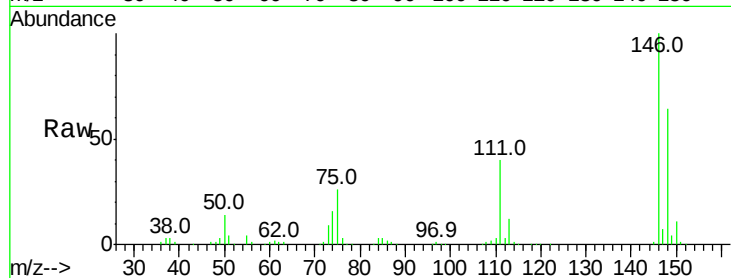
Tot Ion:146 Resp: 241394

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

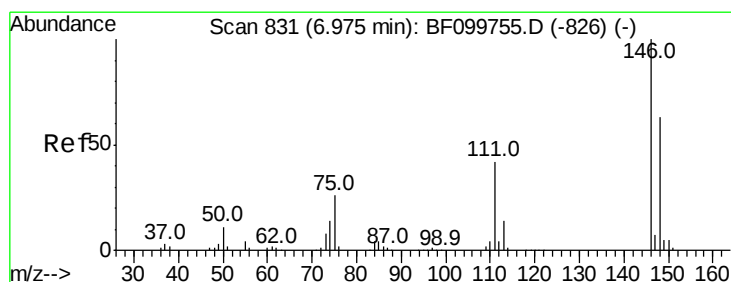
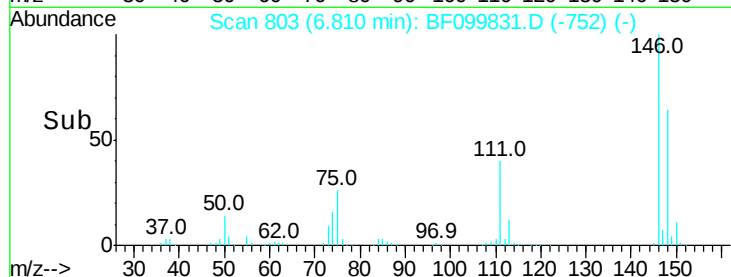
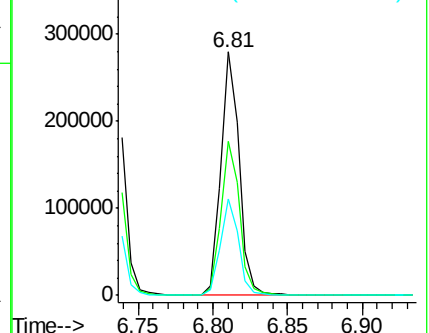
111 39.7 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 40.544 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

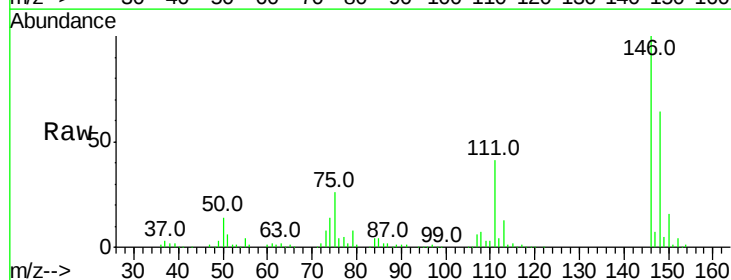
Tgt Ion:146 Resp: 223229

Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

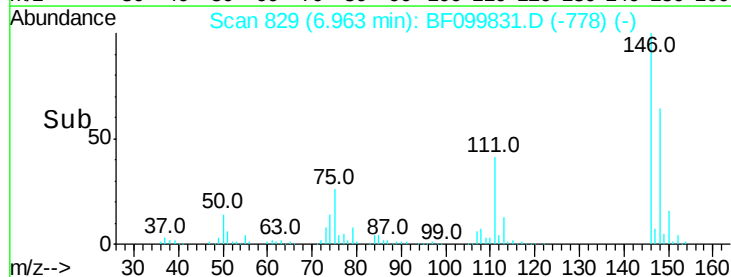
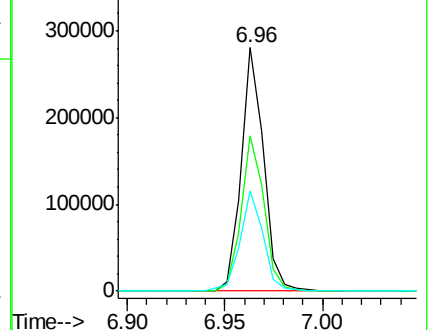
111 41.3 36.0 54.0

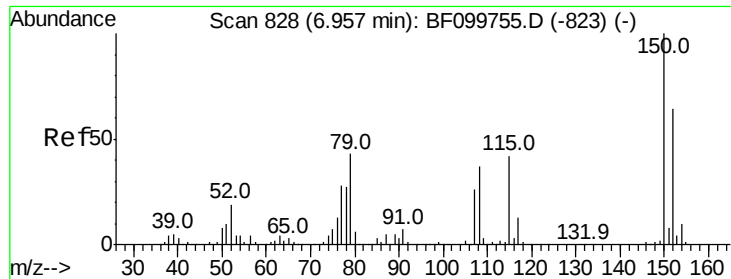


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

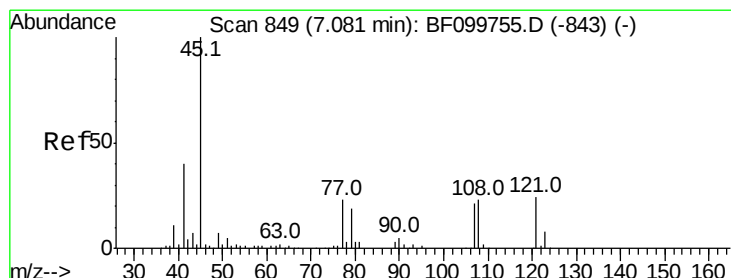
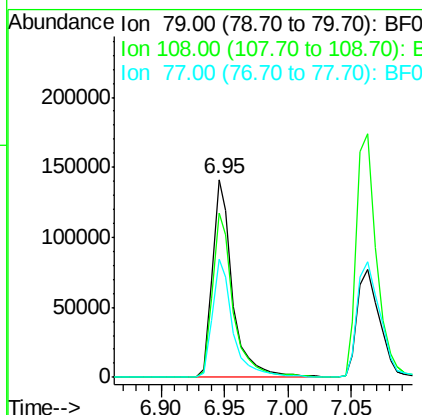
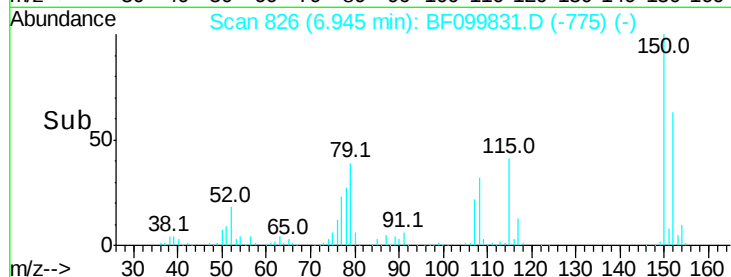
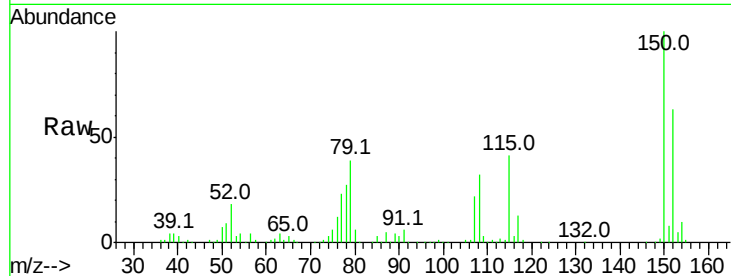




#15
Benzyl Alcohol
Concen: 42.577 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

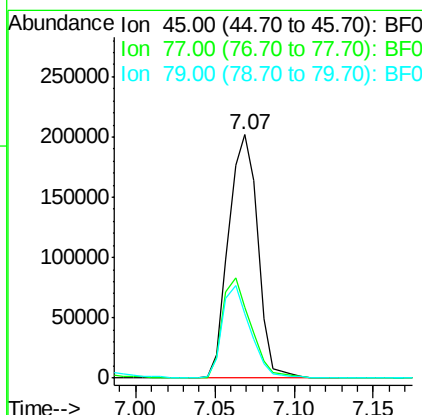
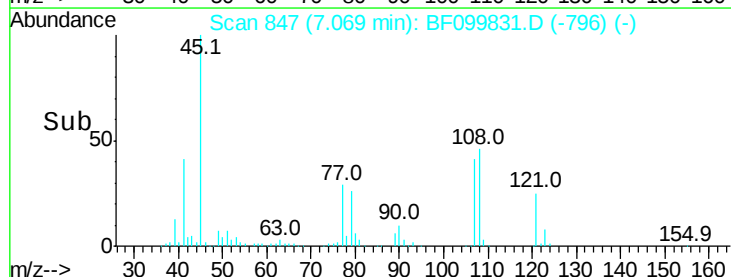
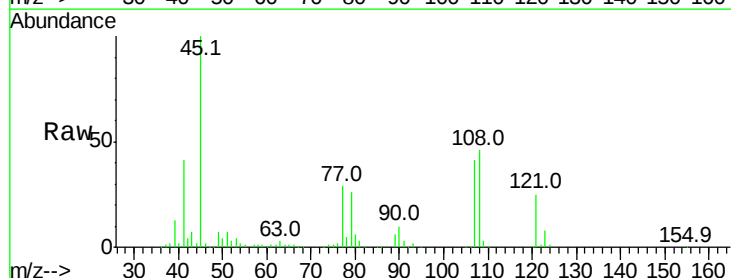
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

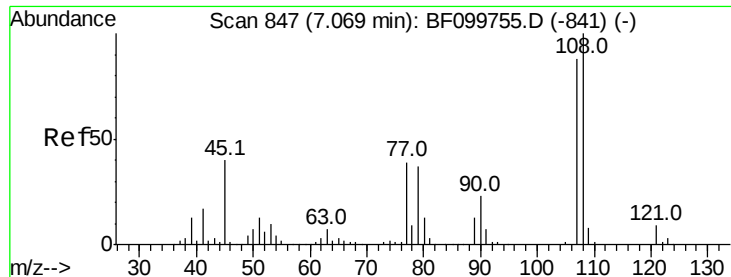
Tot Ion: 79 Resp: 159699
Ion Ratio Lower Upper
79 100
108 83.4 65.1 97.7
77 60.0 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.324 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion: 45 Resp: 257322
Ion Ratio Lower Upper
45 100
77 29.2 0.0 32.9
79 26.5 0.0 29.6

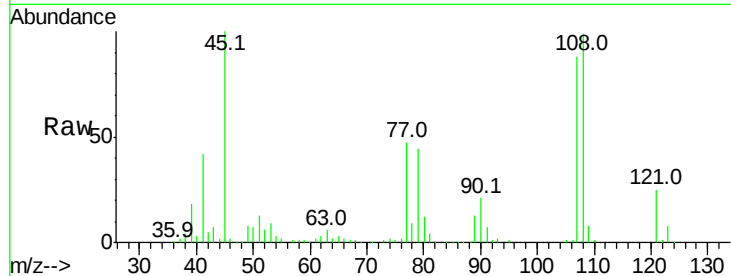




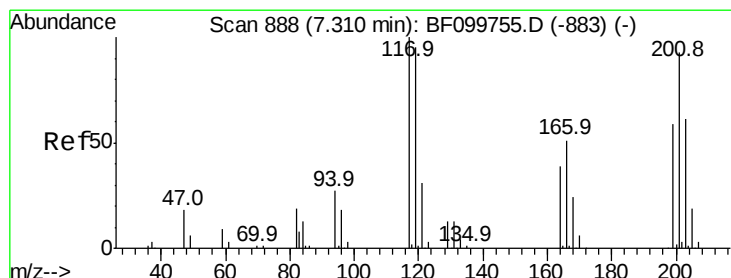
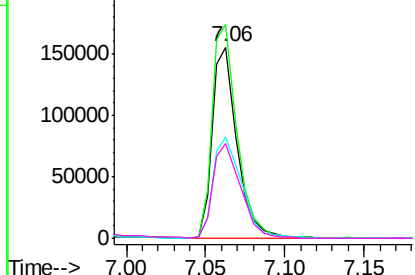
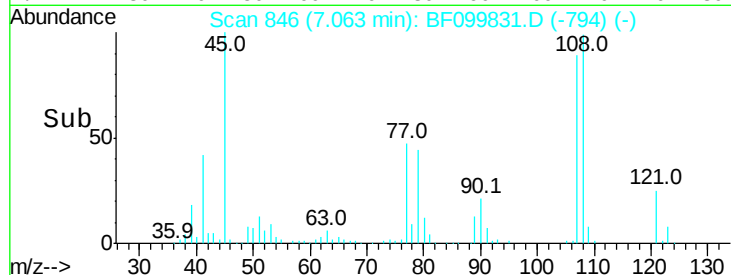
#17
2-Methylphenol
Concen: 38.477 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

Tot Ion:107 Resp: 170624
Ion Ratio Lower Upper
107 100
108 111.6 91.7 137.5
77 53.1 33.8 50.8#
79 49.4 33.8 50.8

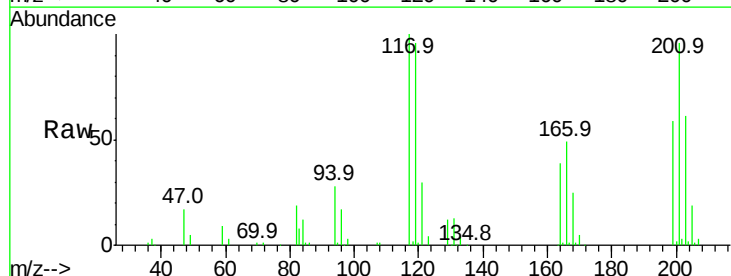


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

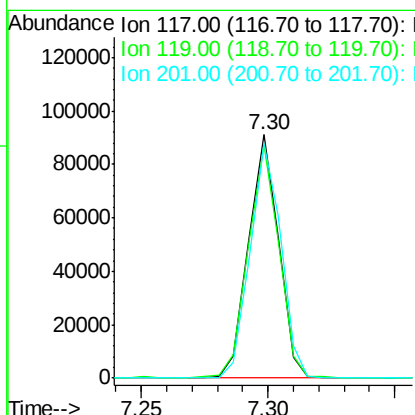
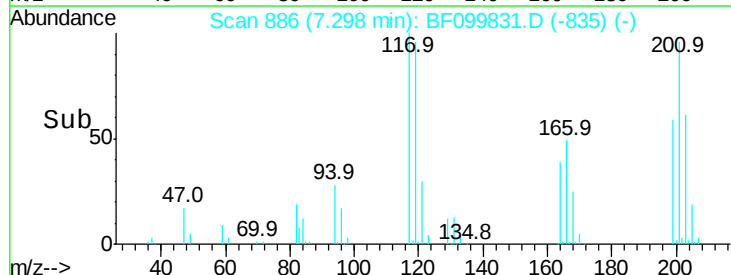


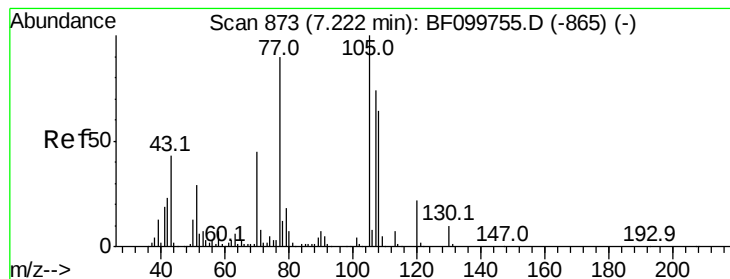
#18
Hexachloroethane
Concen: 37.361 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion:117 Resp: 75301
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 96.5 75.7 113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 40.424 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

Tot Ion: 70 Resp: 139719

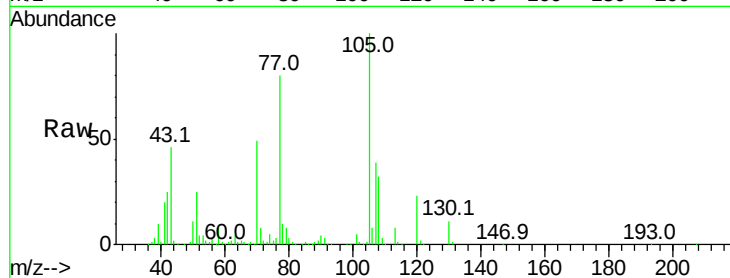
Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.5	71.3
101	10.3	7.4	11.2
130	23.2	16.6	25.0

70 100

42 50.4 47.5 71.3

101 10.3 7.4 11.2

130 23.2 16.6 25.0

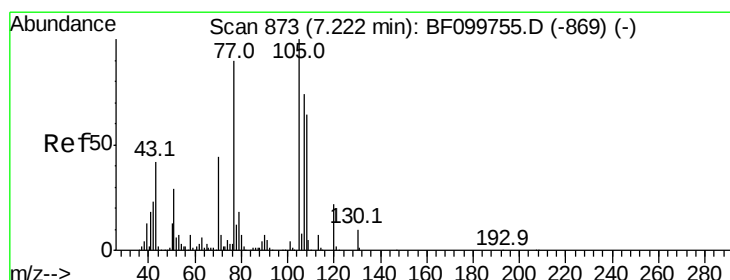
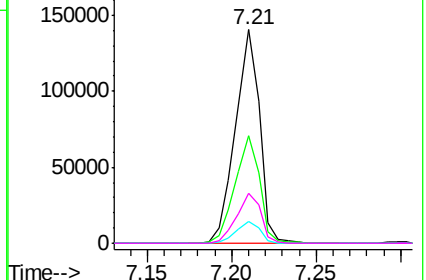
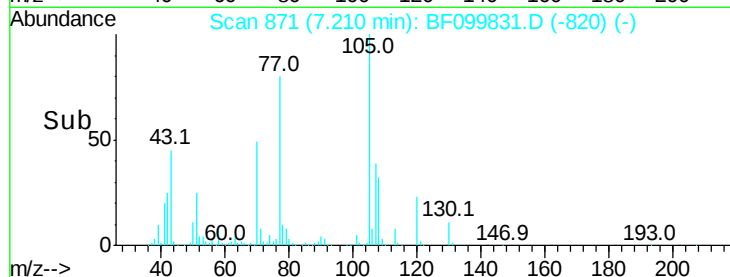


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 42.840 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Tgt Ion: 107 Resp: 221201

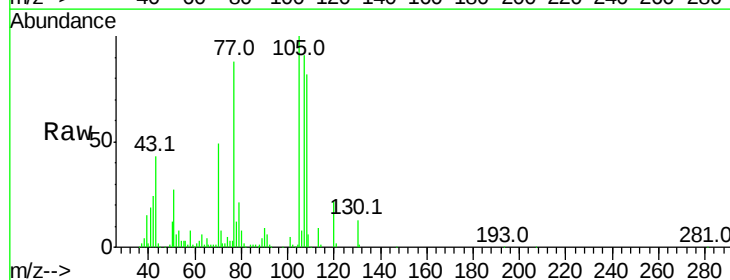
Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.2	108.2
77	96.8	26.7	66.7#
79	23.0	6.3	46.3

107 100

108 90.2 68.2 108.2

77 96.8 26.7 66.7#

79 23.0 6.3 46.3

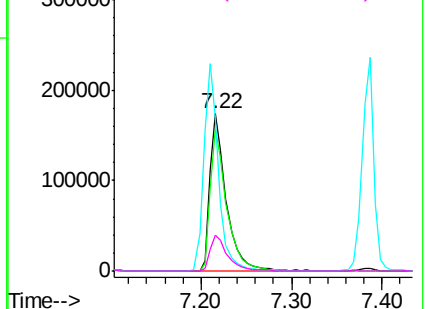
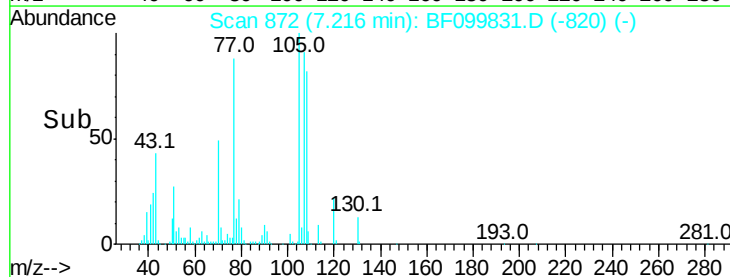


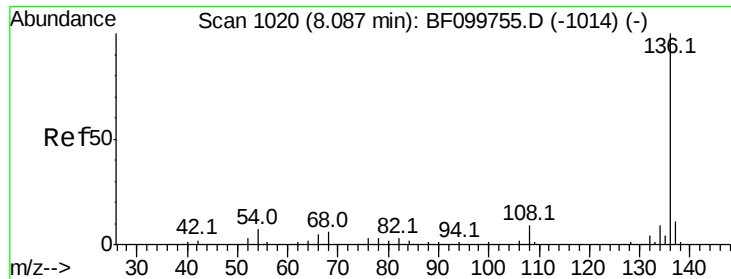
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

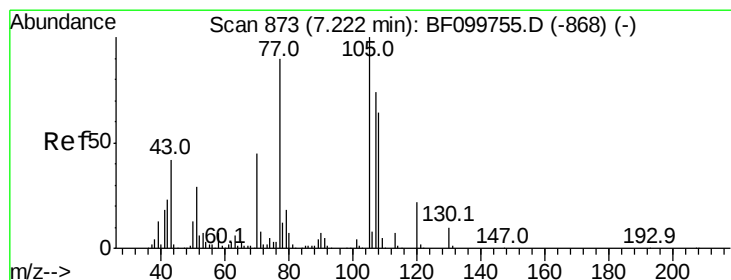
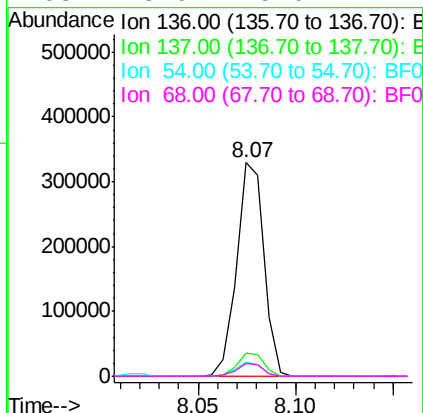
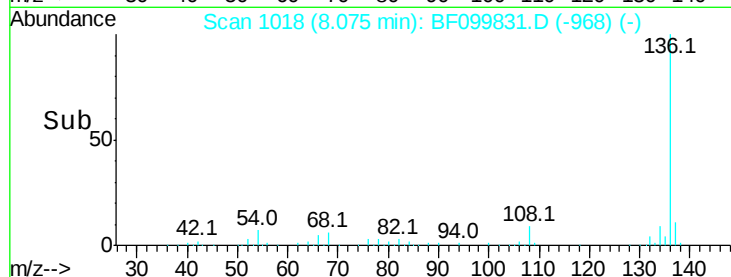
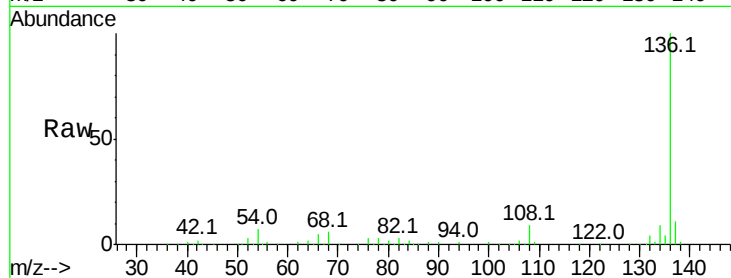




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

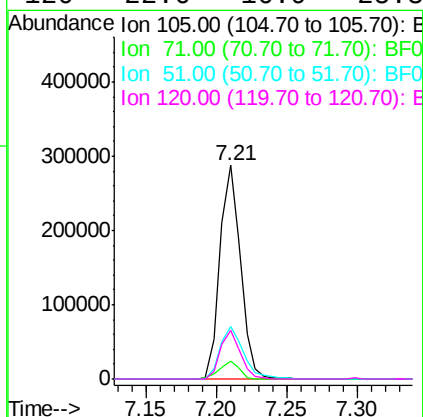
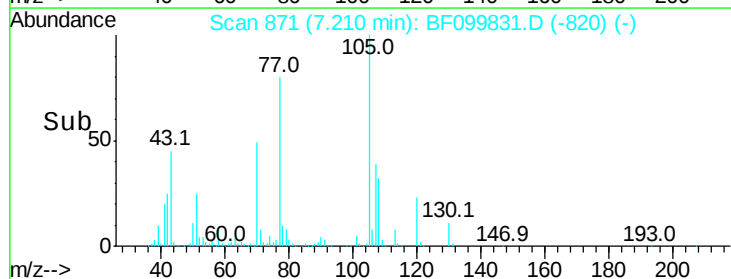
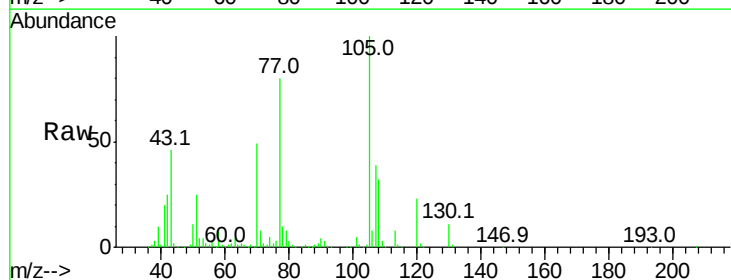
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

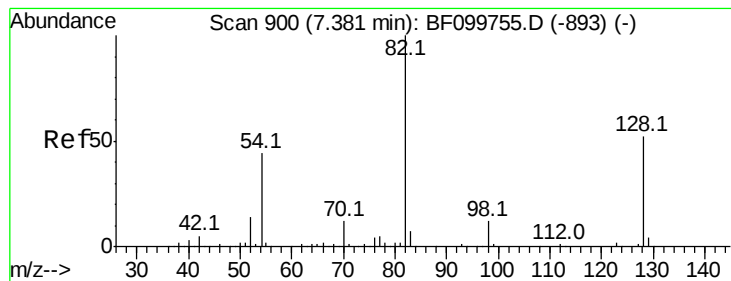
Tot Ion:	136	Resp:	319283
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	6.6	9.8
68	5.9	5.0	7.4



#22
Acetophenone
Concen: 40.359 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion:	105	Resp:	293398
Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.4	6.6#
51	24.7	22.3	33.5
120	22.6	16.9	25.3





#23

Nitrobenzene-d5

Concen: 82.474 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

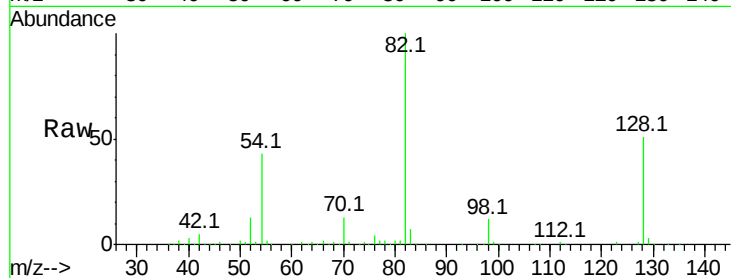
Tot Ion: 82 Resp: 409015

Ion Ratio Lower Upper

82 100

128 51.4 36.1 54.1

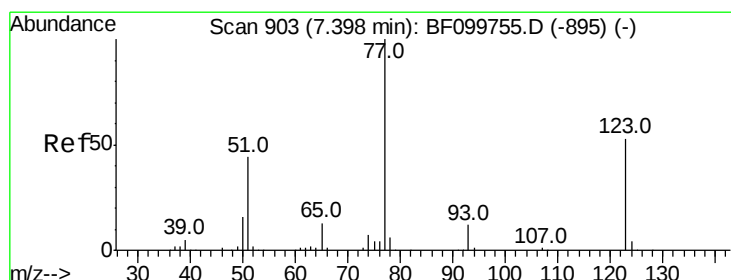
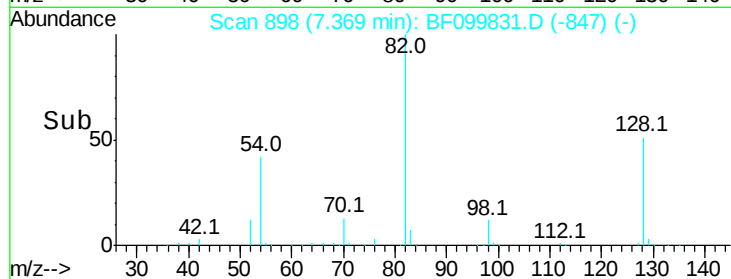
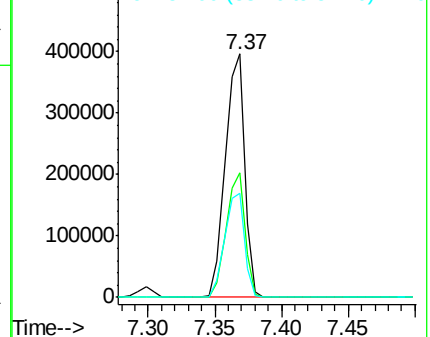
54 42.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.717 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

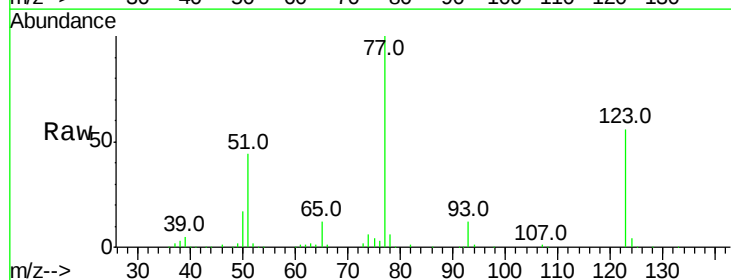
Tgt Ion: 77 Resp: 208459

Ion Ratio Lower Upper

77 100

123 56.3 37.9 56.9

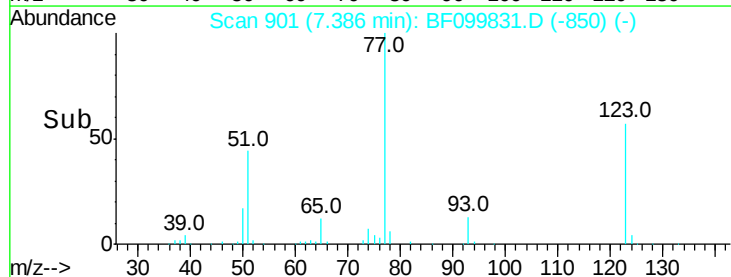
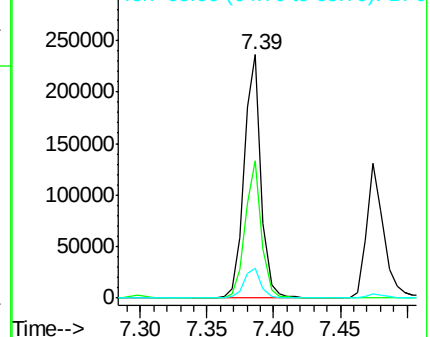
65 12.3 11.0 16.4

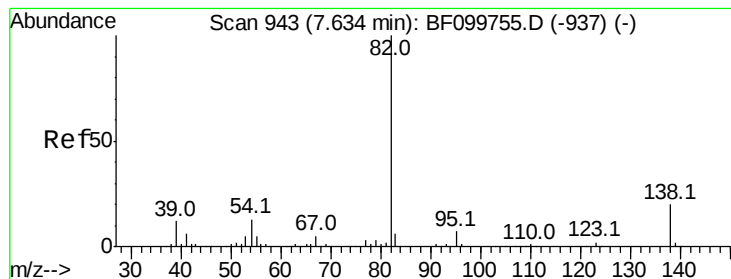


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.551 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

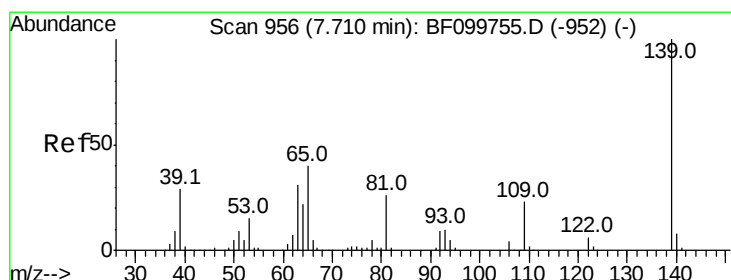
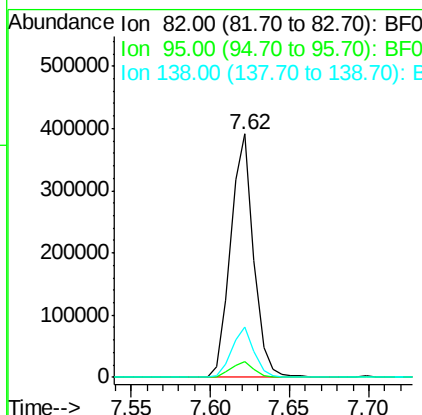
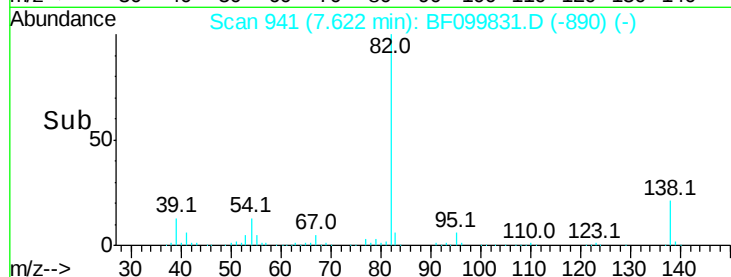
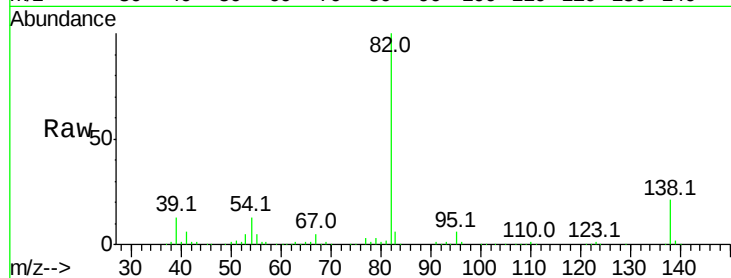
Tot Ion: 82 Resp: 391914

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 20.9 14.9 22.3



#26

2-Nitrophenol

Concen: 41.524 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

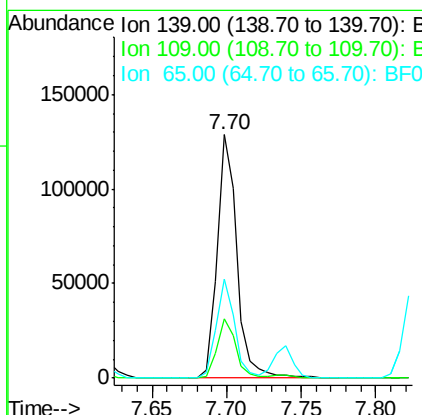
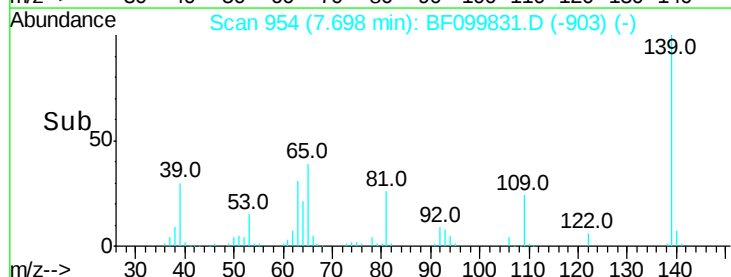
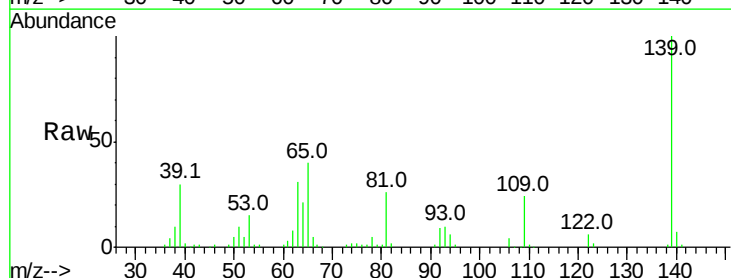
Tgt Ion: 139 Resp: 118844

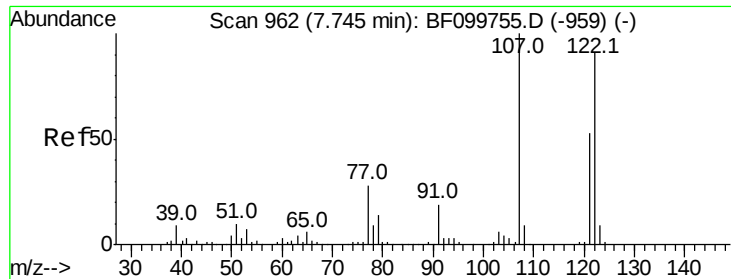
Ion Ratio Lower Upper

139 100

109 24.2 22.7 34.1

65 40.4 40.5 60.7#

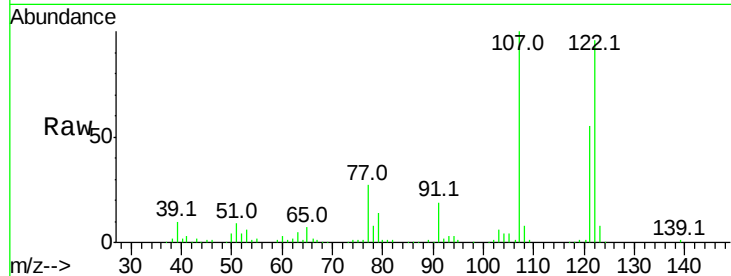




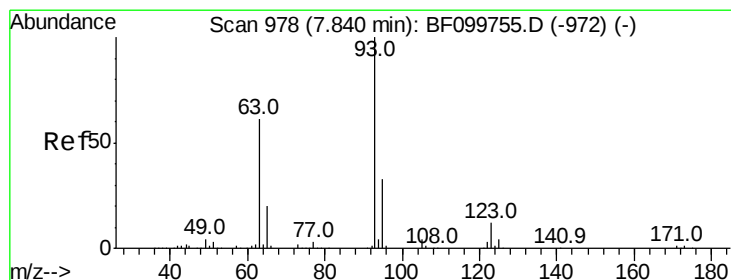
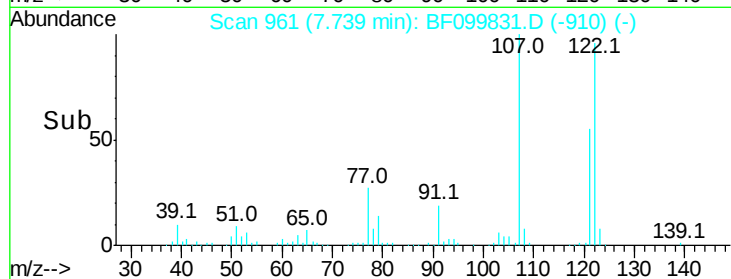
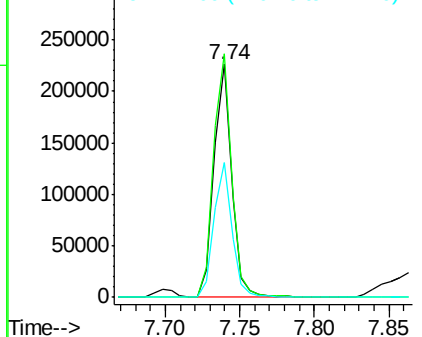
#27
2,4-Dimethylphenol
Concen: 44.649 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

Tot Ion:122 Resp: 188280
Ion Ratio Lower Upper
122 100
107 104.5 91.2 136.8
121 57.7 47.2 70.8

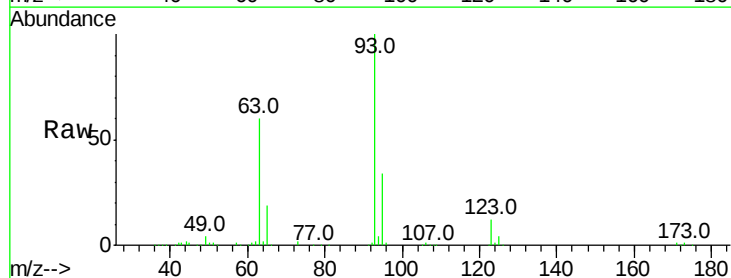


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

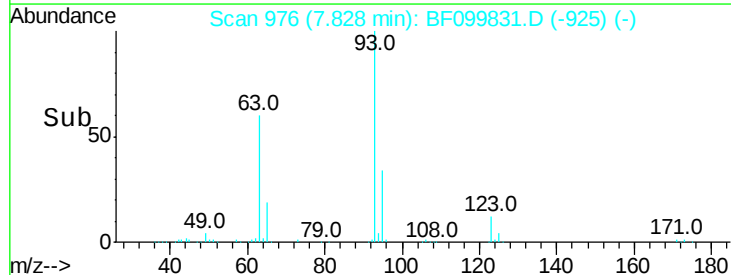
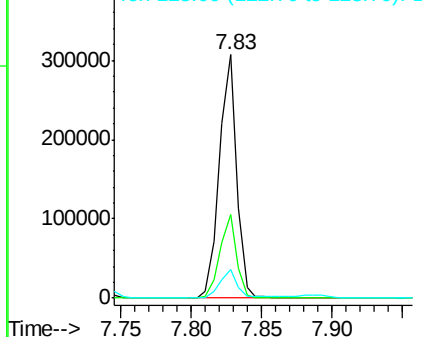


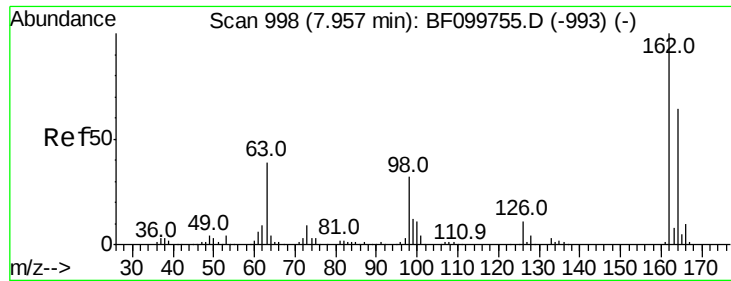
#28
bis(2-Chloroethoxy)methane
Concen: 41.515 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion: 93 Resp: 261642
Ion Ratio Lower Upper
93 100
95 34.1 26.3 39.5
123 11.7 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

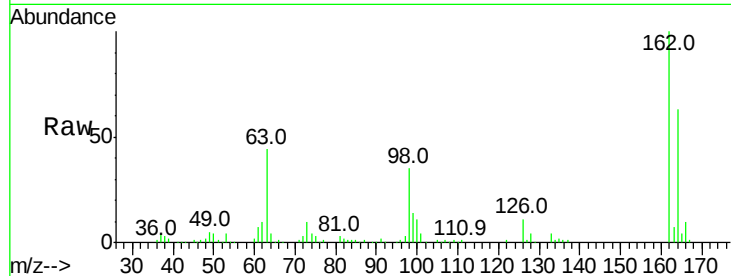




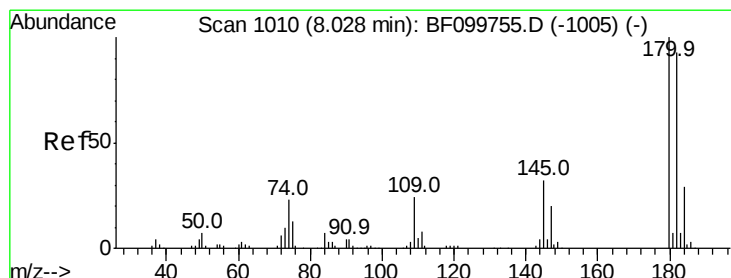
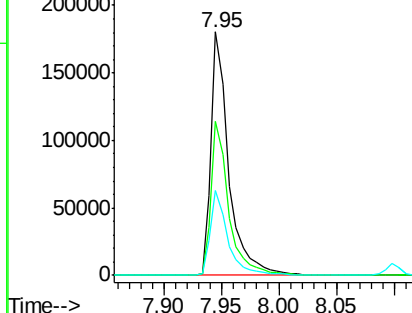
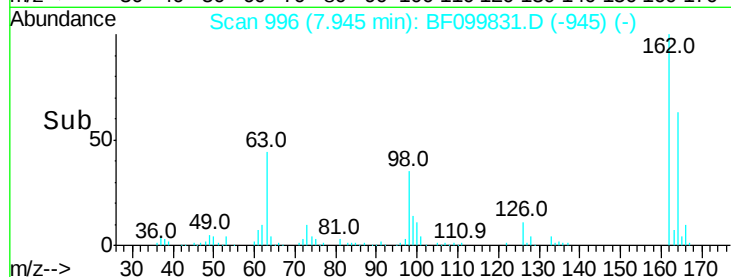
#29
 2,4-Dichlorophenol
 Concen: 43.944 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.7	82.7
98	35.0	18.1	58.1

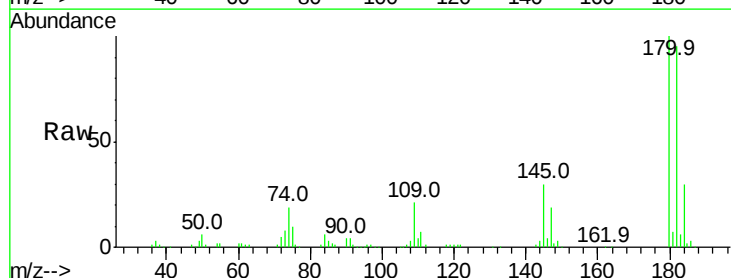


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

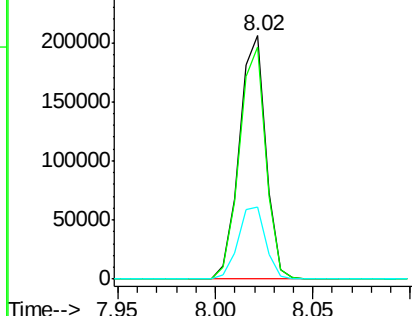
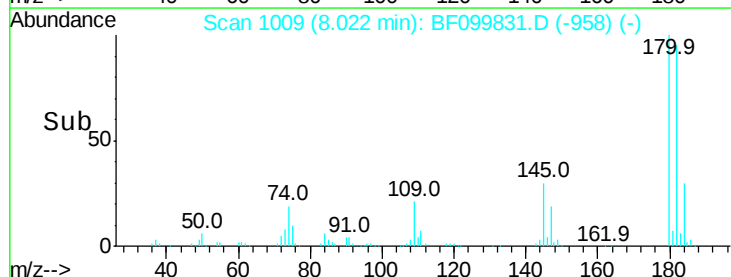


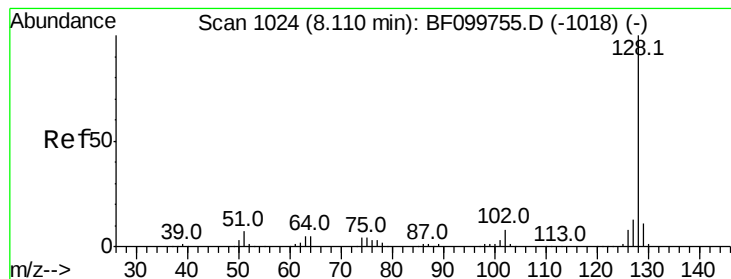
#30
 1,2,4-Trichlorobenzene
 Concen: 41.345 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
145	29.7	26.5	39.7



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





#31

Naphthalene

Concen: 41.282 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

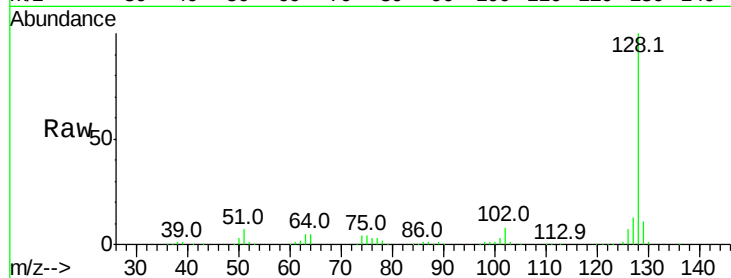
Tot Ion:128 Resp: 636239

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

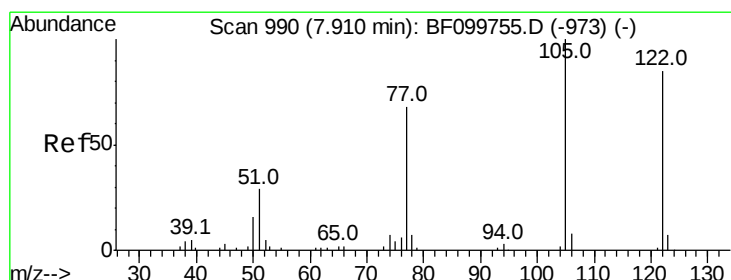
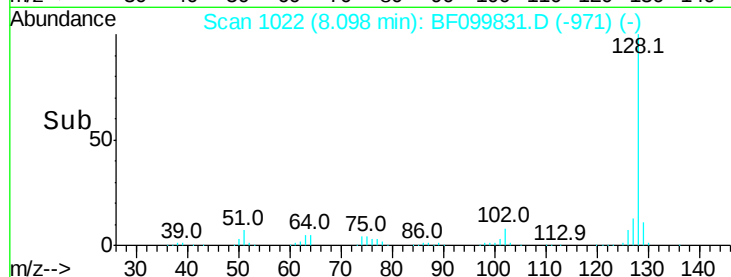
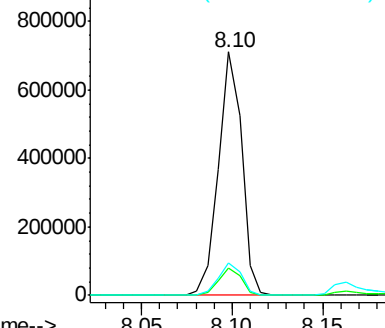
127 13.3 10.9 16.3



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: 31.131 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

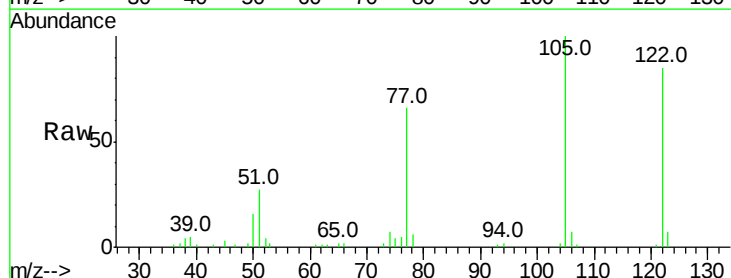
Tgt Ion:122 Resp: 115550

Ion Ratio Lower Upper

122 100

105 117.0 101.1 141.1

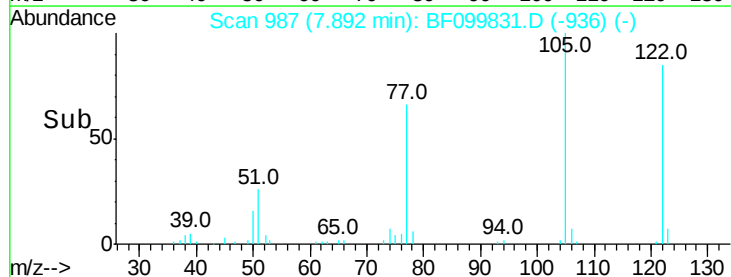
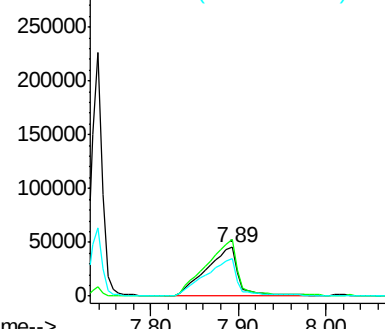
77 77.8 70.7 110.7

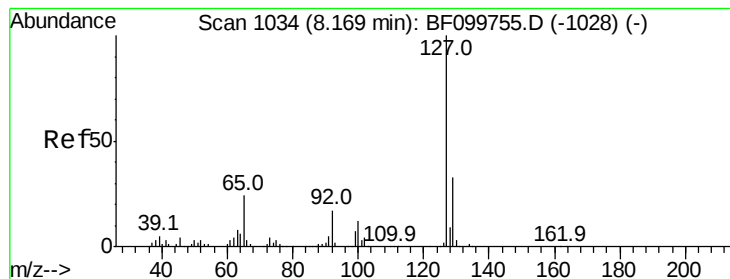


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

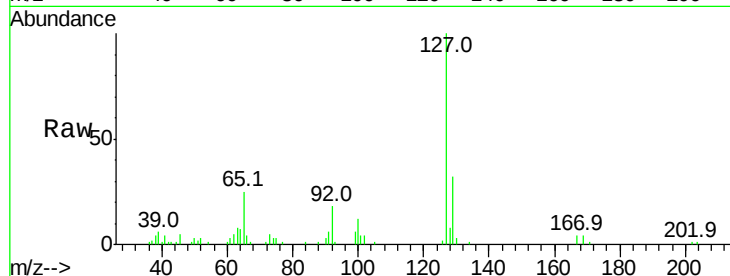




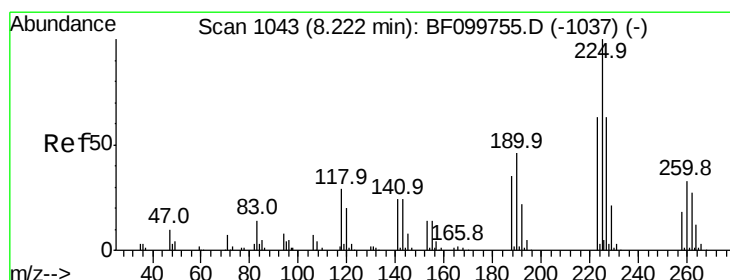
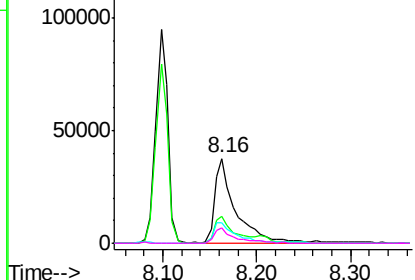
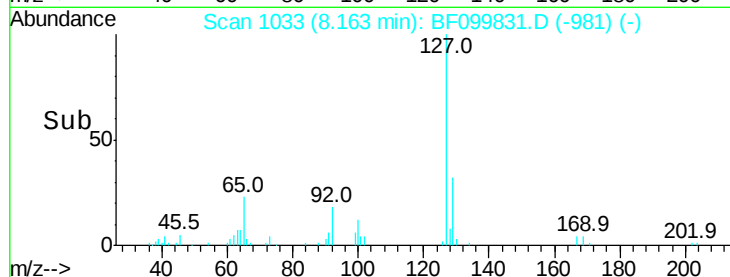
#33
 4-Chloroaniline
 Concen: 9.405 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion:	127	Resp:	59857
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	25.0	25.0	37.4
92	18.0	15.2	22.8

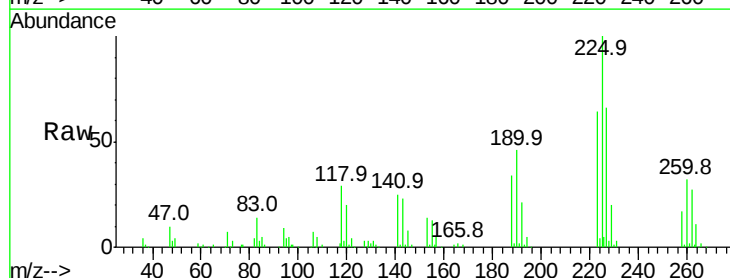


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

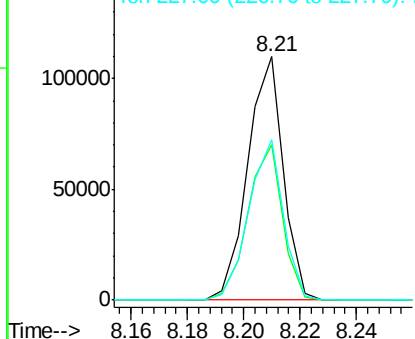
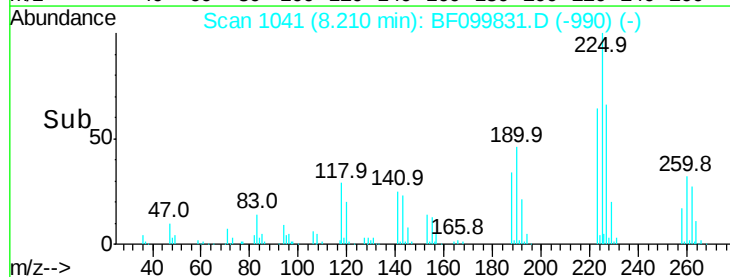


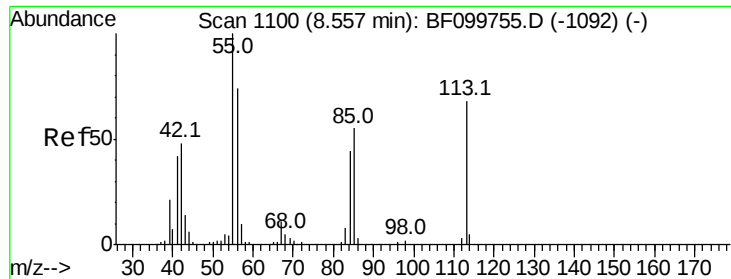
#34
 Hexachlorobutadiene
 Concen: 39.791 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Tgt Ion:	225	Resp:	95798
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	65.7	51.9	77.9



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

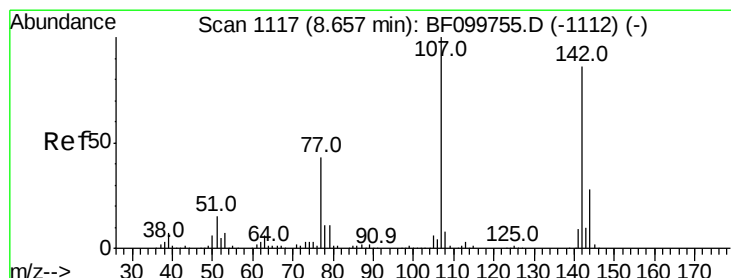
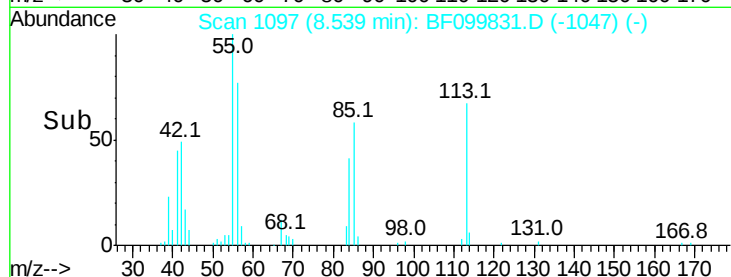
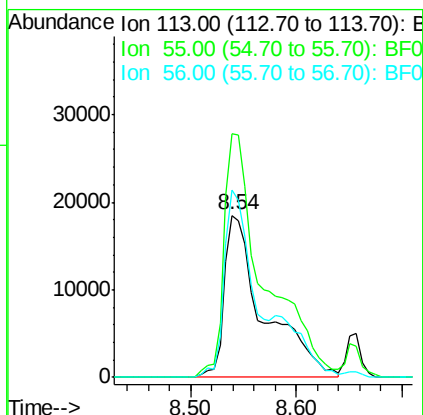
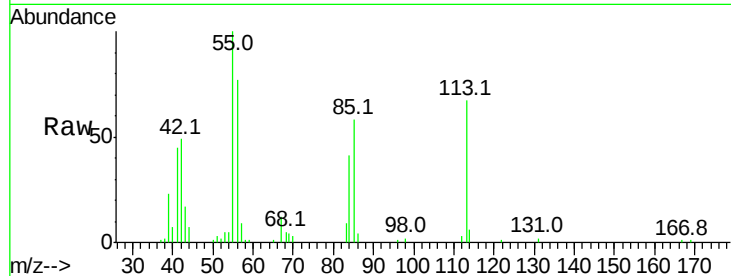




#35
Caprolactam
Concen: 34.971 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

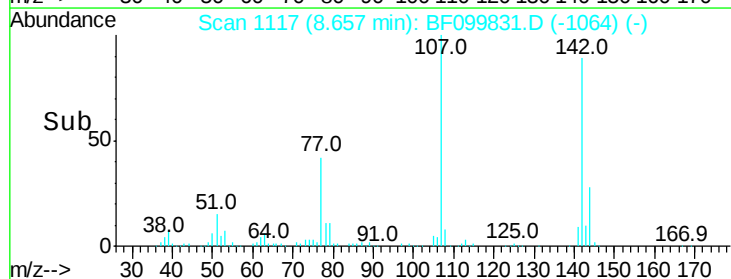
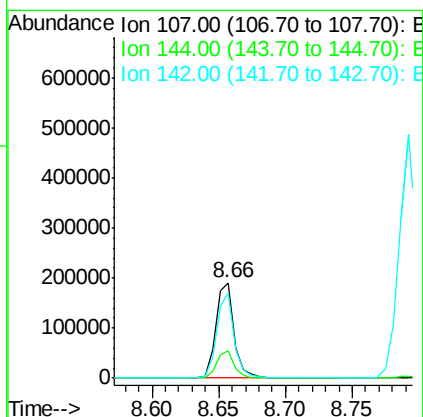
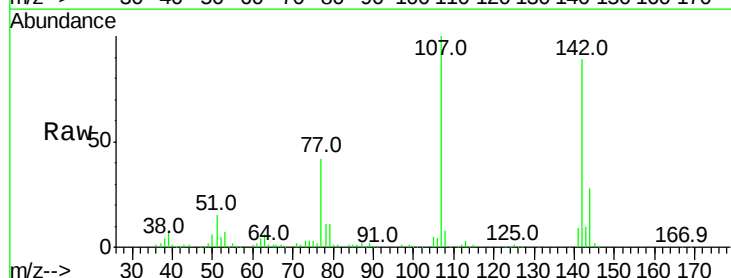
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

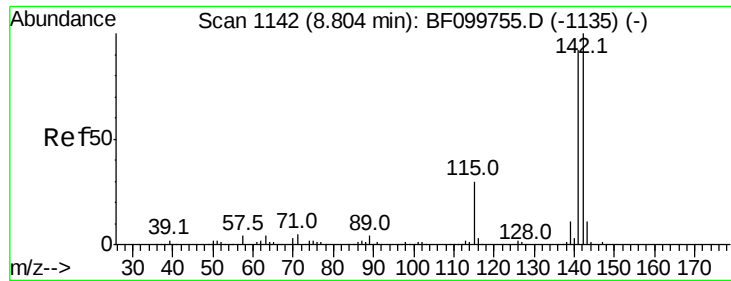
Tot Ion:113 Resp: 48176
Ion Ratio Lower Upper
113 100
55 150.3 163.3 203.3#
56 115.6 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 41.557 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion:107 Resp: 185811
Ion Ratio Lower Upper
107 100
144 27.9 20.5 30.7
142 88.9 62.0 93.0





#37

2-Methylnaphthalene

Concen: 42.841 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

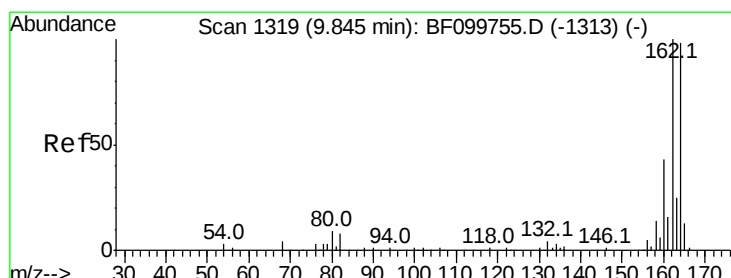
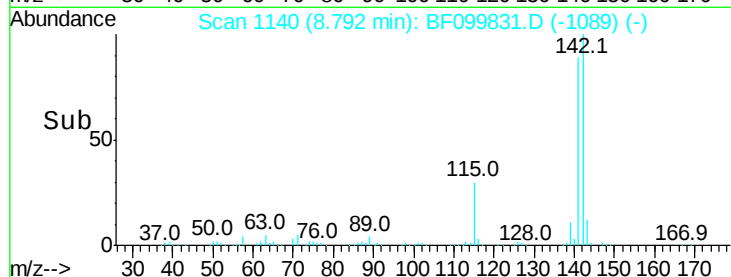
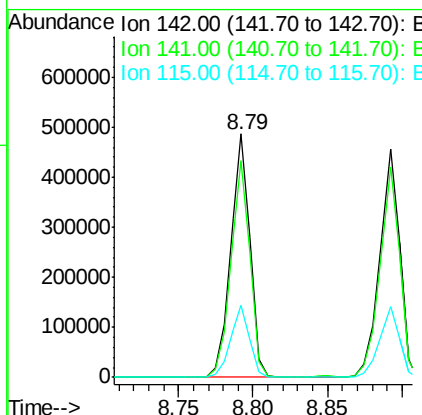
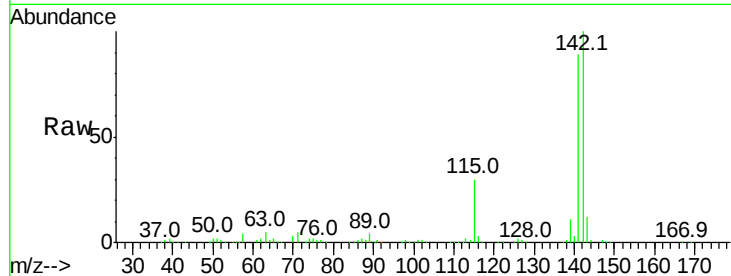
Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

Tot Ion:142 Resp: 442474

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	29.6	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

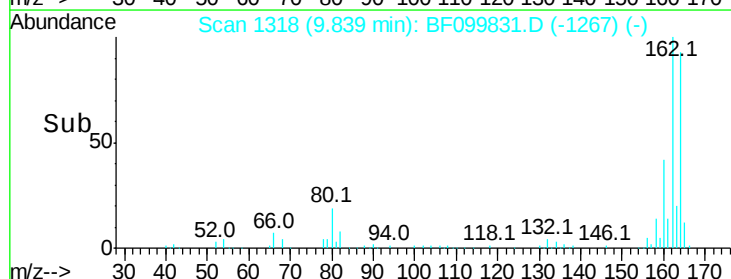
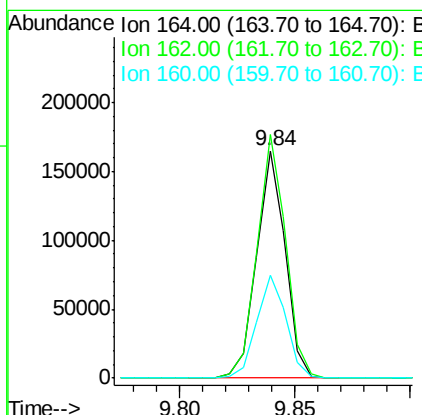
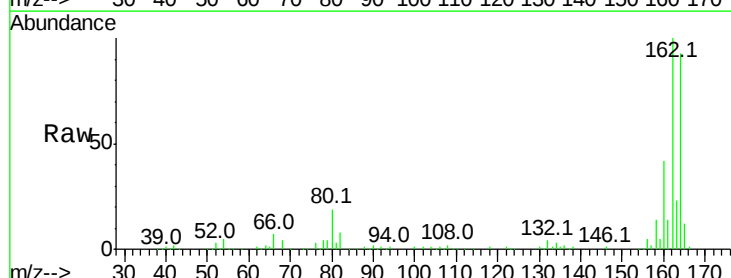
Delta R.T. -0.00 min

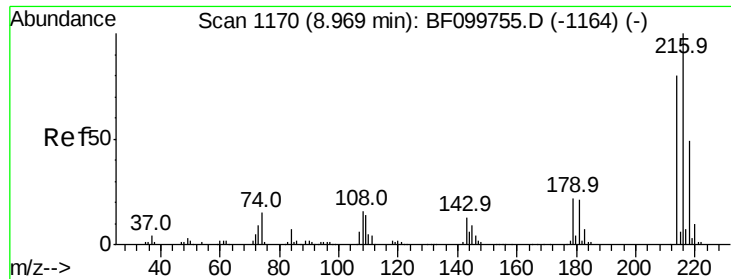
Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Tgt Ion:164 Resp: 142248

Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.1	129.1
160	45.5	38.3	57.5

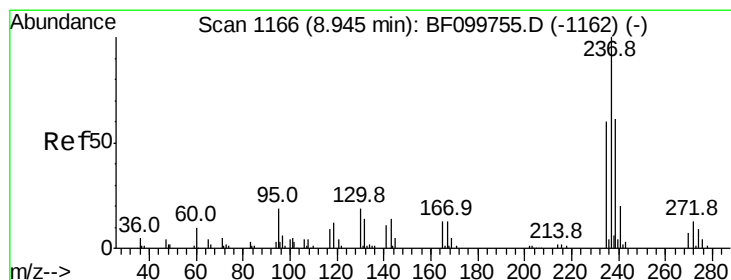
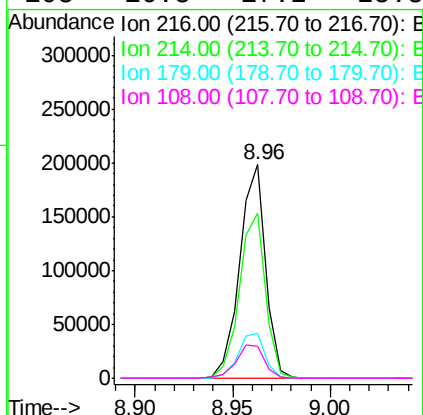
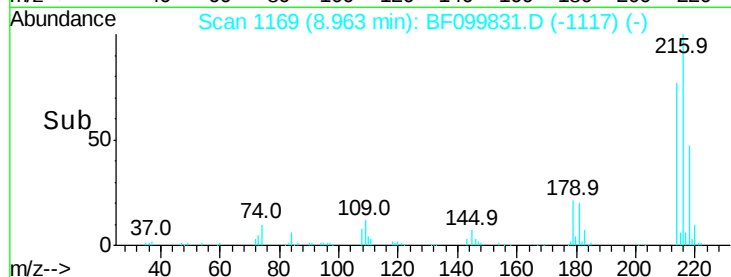
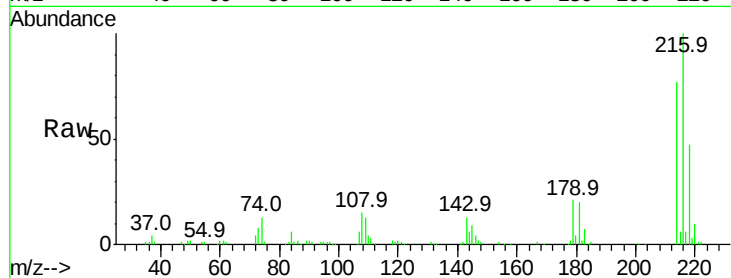




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.737 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

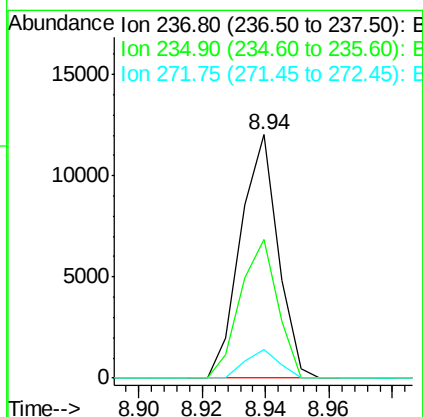
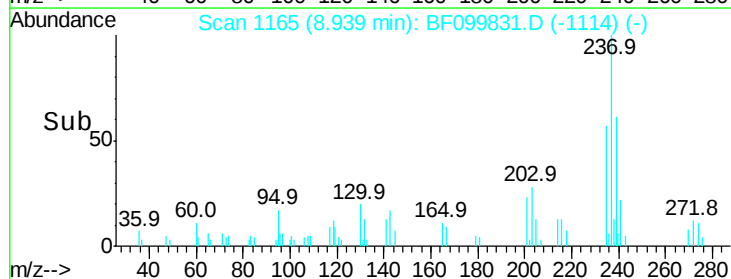
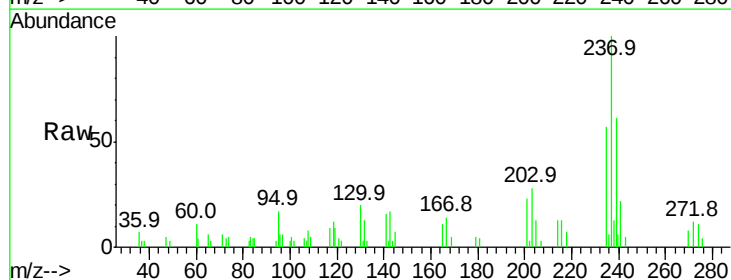
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

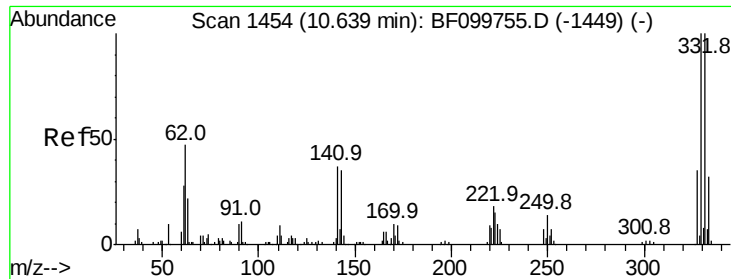
Tot Ion:	216	Resp:	182561
Ion Ratio	Lower	Upper	
216	100		
214	78.1	63.0	94.4
179	21.7	18.1	27.1
108	16.8	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 21.919 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Tgt Ion:	237	Resp:	9814
Ion Ratio	Lower	Upper	
237	100		
235	56.8	44.8	84.8
272	11.8	0.0	33.3

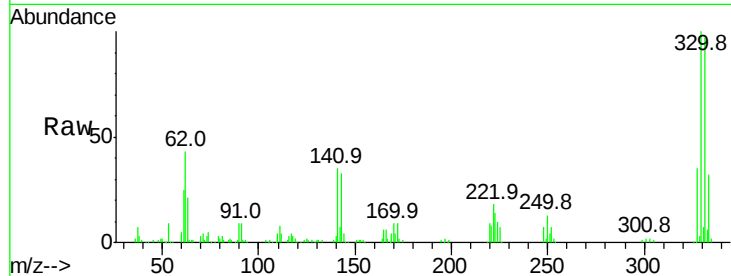




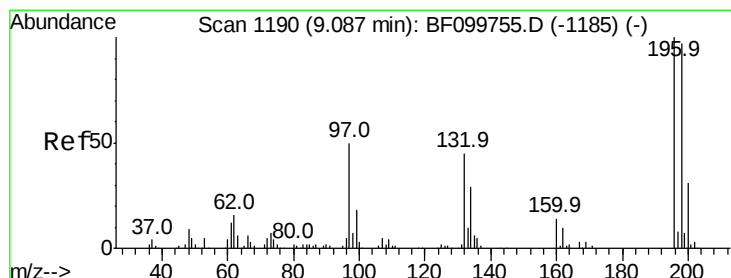
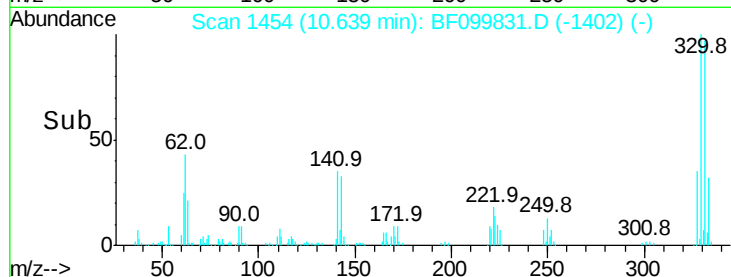
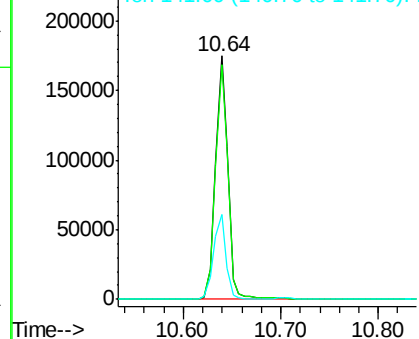
#41
 2,4,6-Tribromophenol
 Concen: 119.862 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.9	29.9	44.9

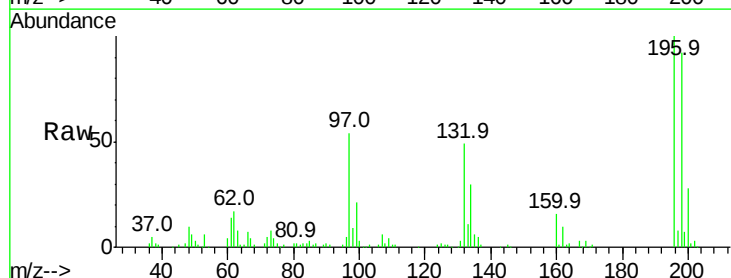


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

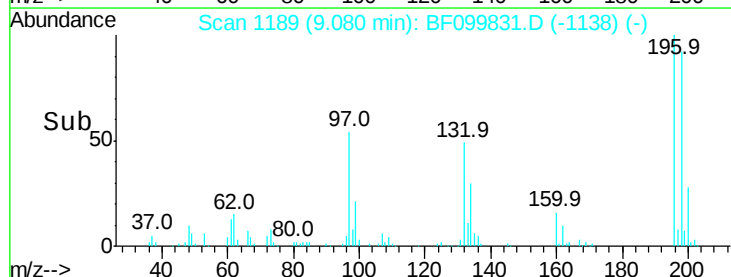
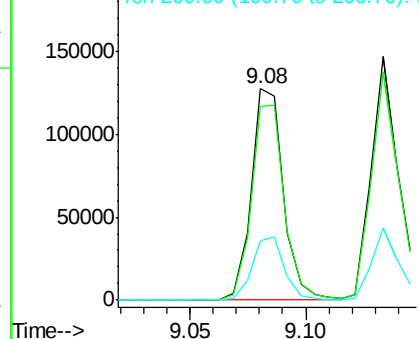


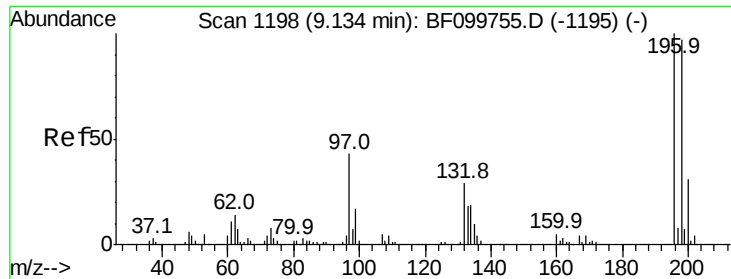
#42
 2,4,6-Trichlorophenol
 Concen: 44.547 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.7	75.7	113.5
200	28.2	24.5	36.7



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

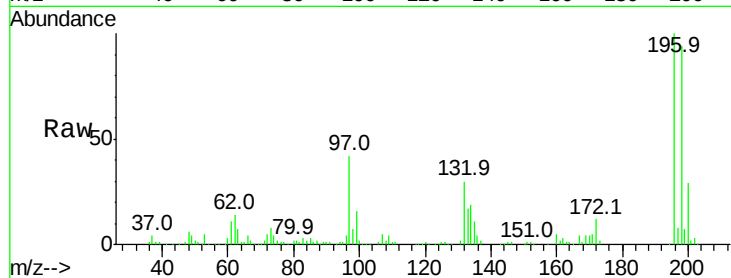




#43
 2,4,5-Trichlorophenol
 Concen: 42.991 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.8	74.6	112.0
97	41.6	42.9	64.3#
132	29.5	26.3	39.5



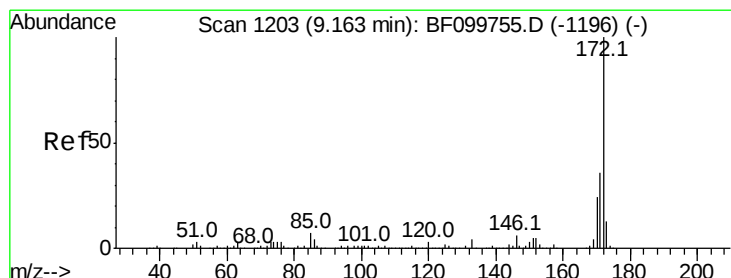
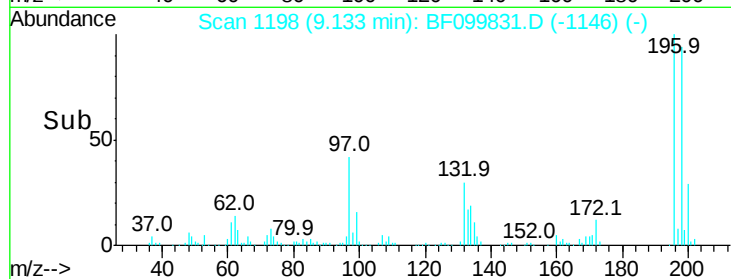
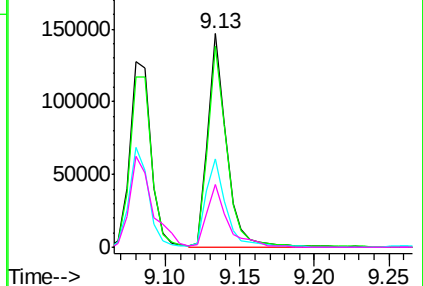
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

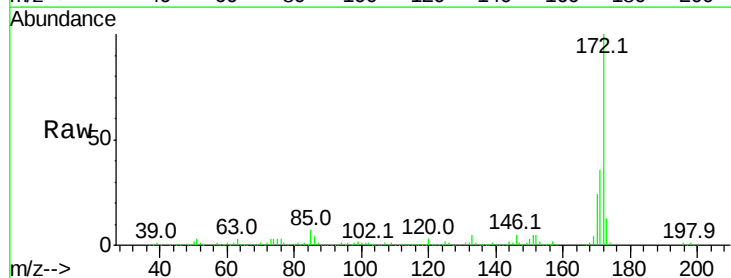
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.569 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4

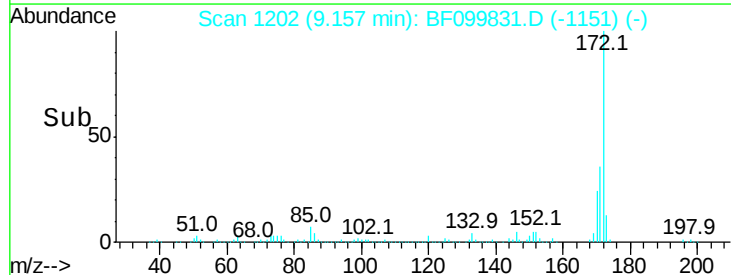
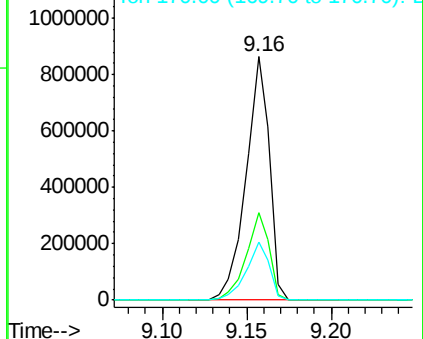


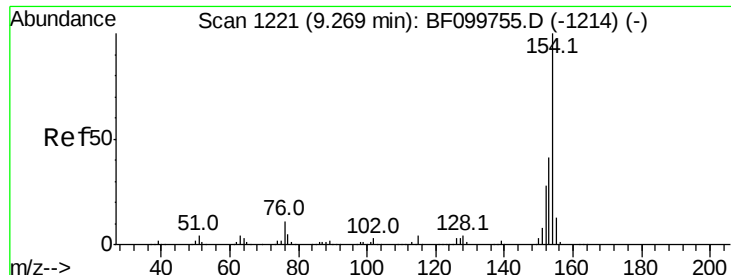
Abundance

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

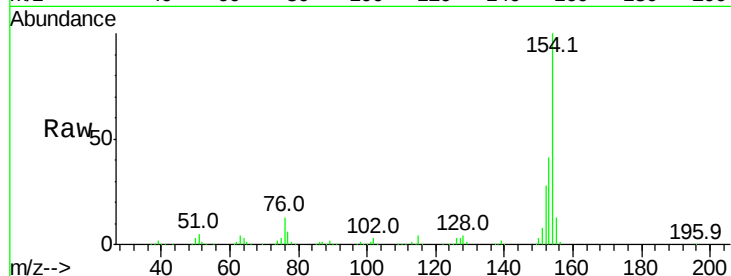




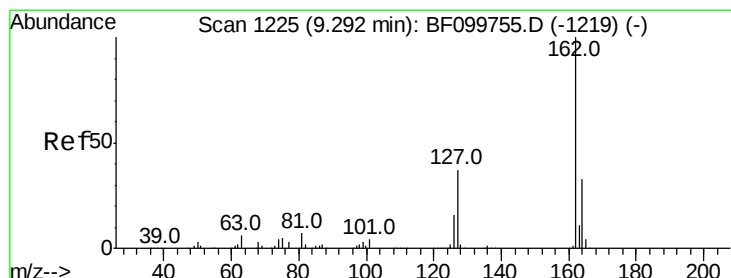
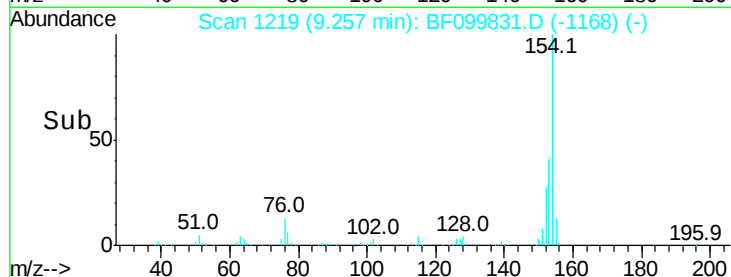
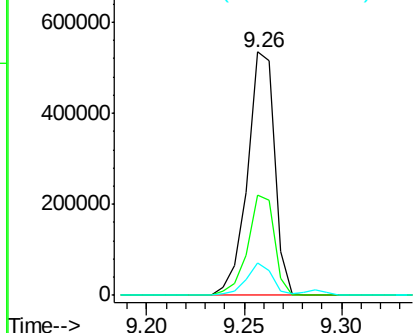
#45
 1,1'-Biphenyl
 Concen: 40.231 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion:154	Resp:	517706
Ion Ratio	Lower	Upper
154	100	
153	40.9	21.3 61.3
76	13.4	0.0 34.0

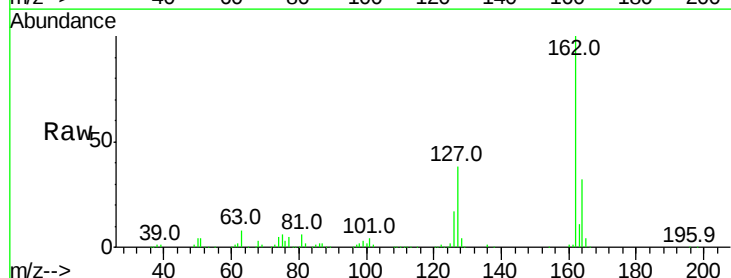


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

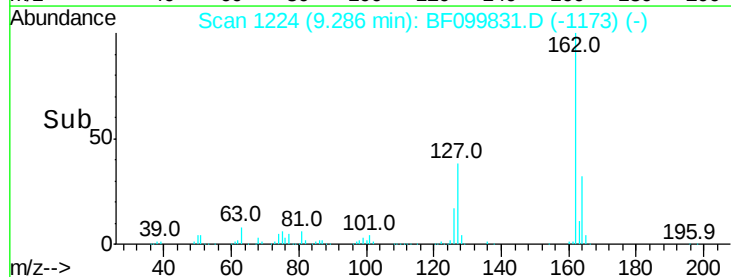
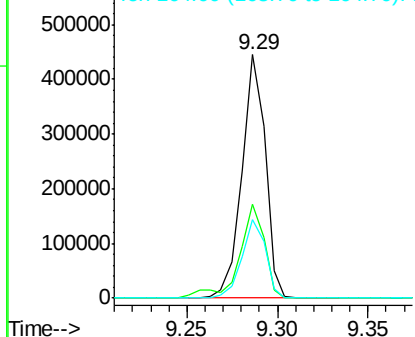


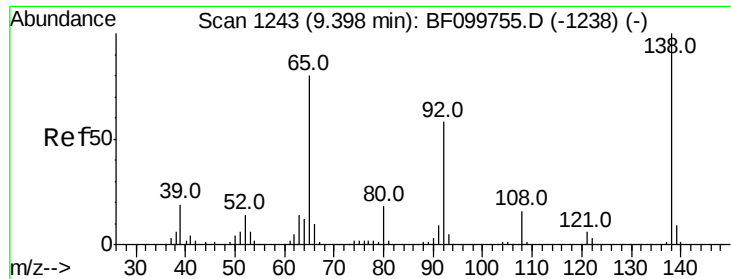
#46
 2-Chloronaphthalene
 Concen: 42.842 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Tgt Ion:162	Resp:	400384
Ion Ratio	Lower	Upper
162	100	
127	38.4	33.9 50.9
164	32.2	26.5 39.7



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

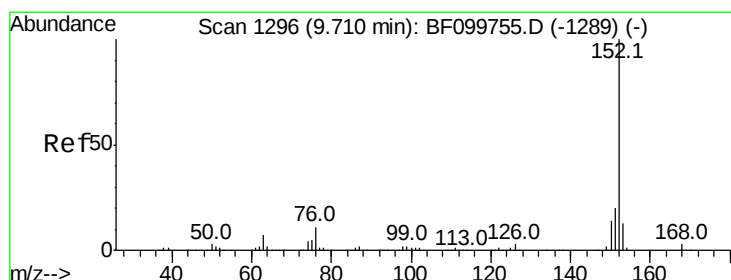
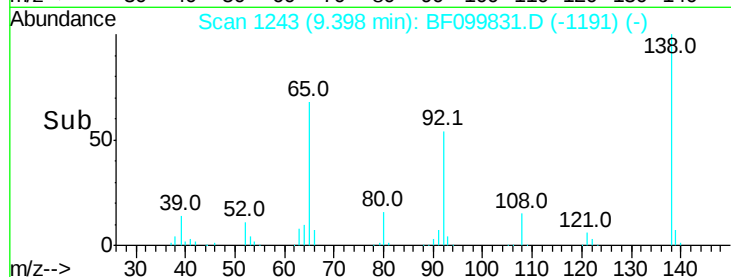
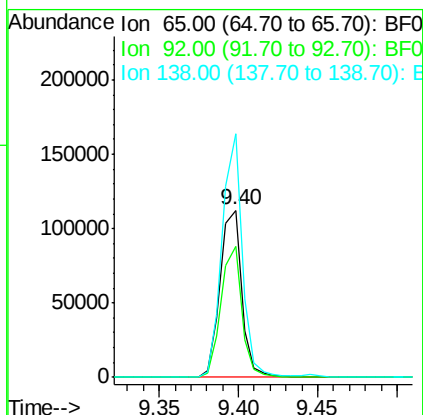
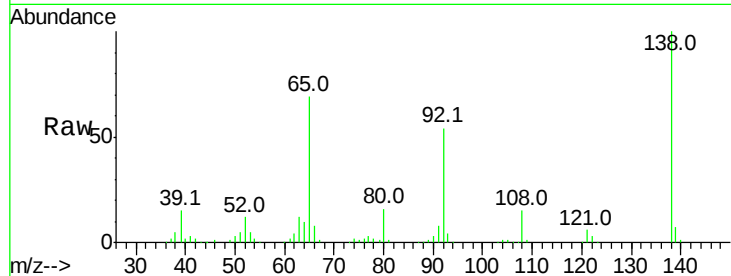




#47
2-Nitroaniline
Concen: 43.821 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

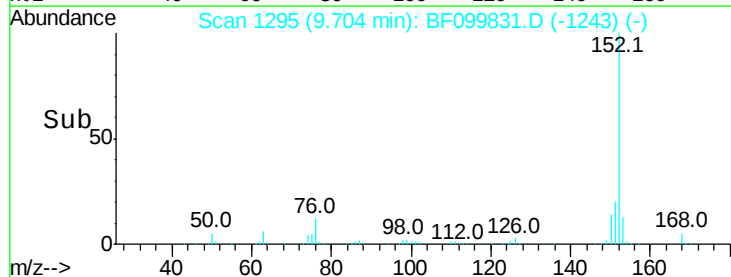
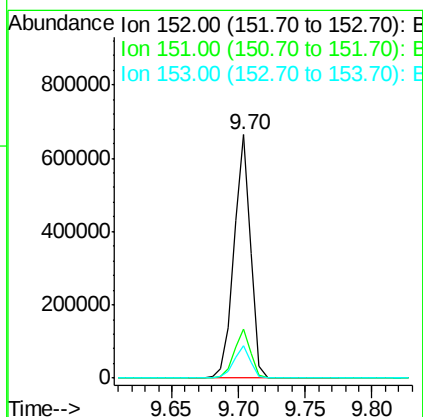
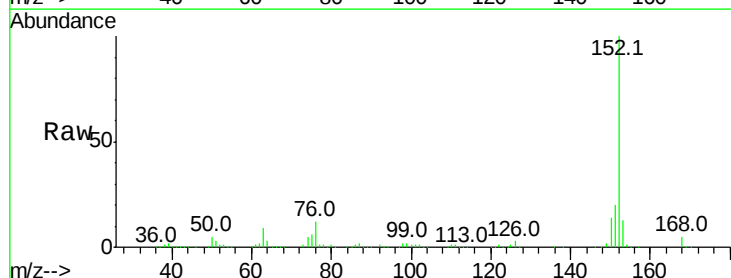
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

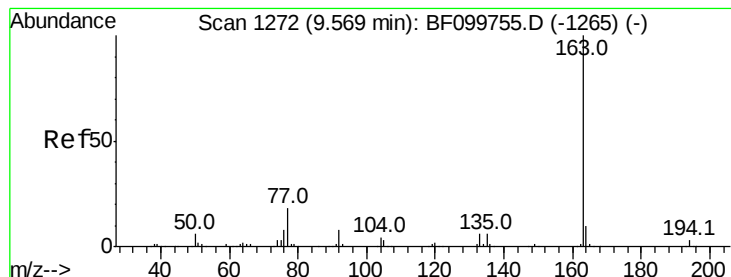
Tot Ion: 65 Resp: 107485
Ion Ratio Lower Upper
65 100
92 78.3 55.8 83.6
138 145.5 91.2 136.8#



#48
Acenaphthylene
Concen: 40.361 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion: 152 Resp: 580955
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 41.880 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

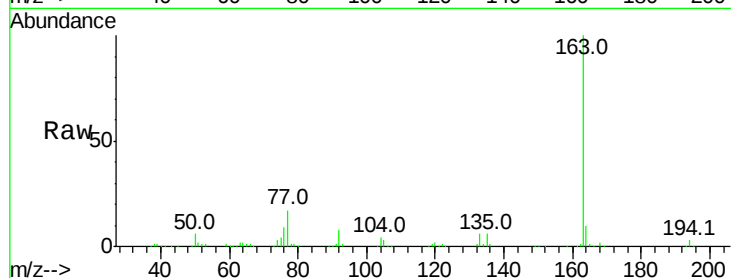
Tot Ion:163 Resp: 471767

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

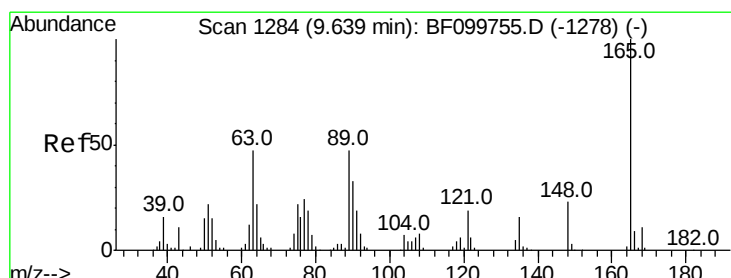
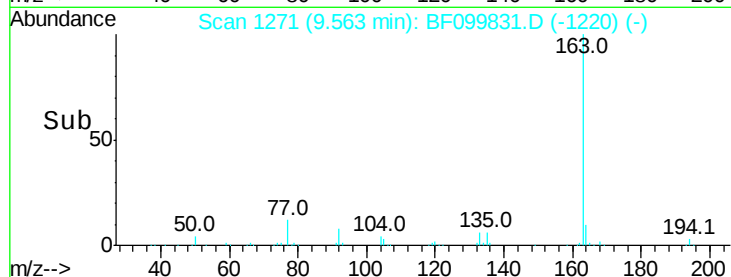
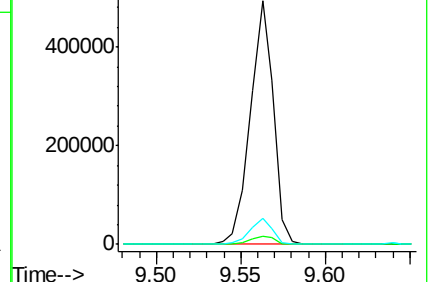
164 10.5 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 42.933 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

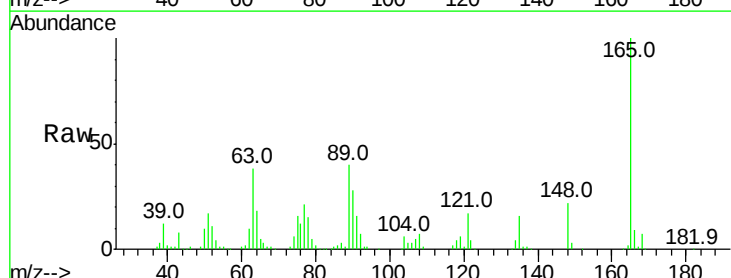
Tgt Ion:165 Resp: 101672

Ion Ratio Lower Upper

165 100

63 37.9 44.7 67.1#

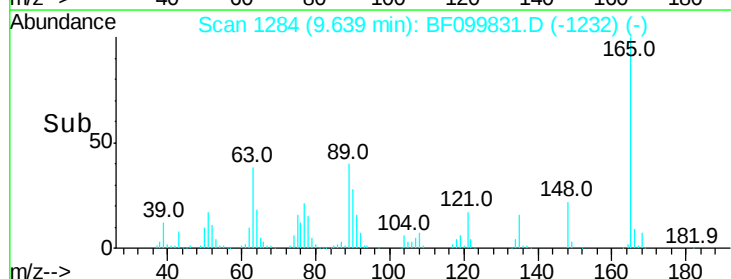
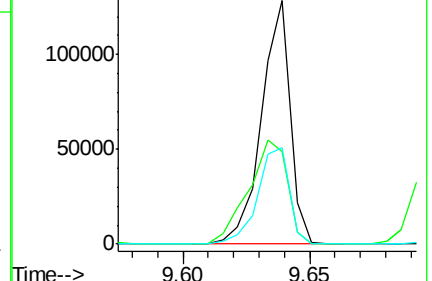
89 39.6 44.0 66.0#

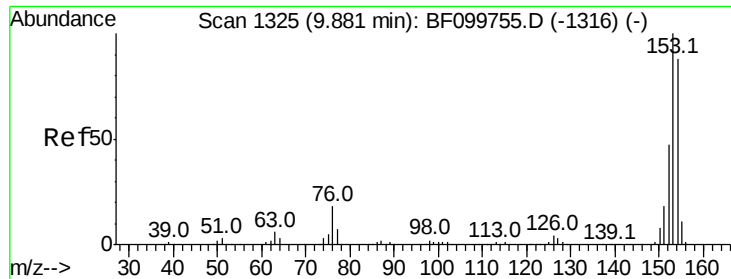


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.921 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

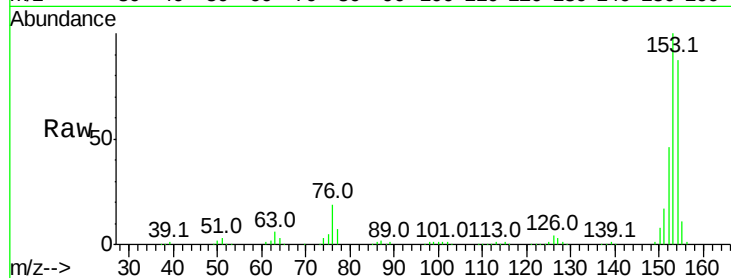
Tot Ion:154 Resp: 351104

Ion Ratio Lower Upper

154 100

153 115.6 91.2 136.8

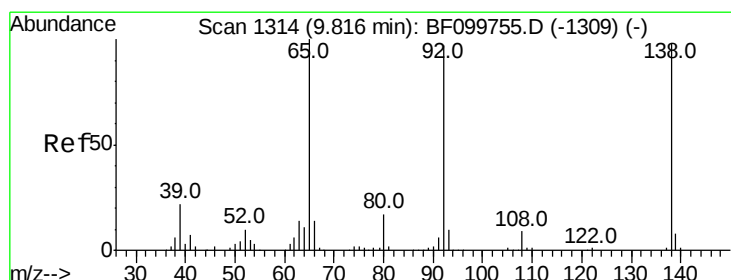
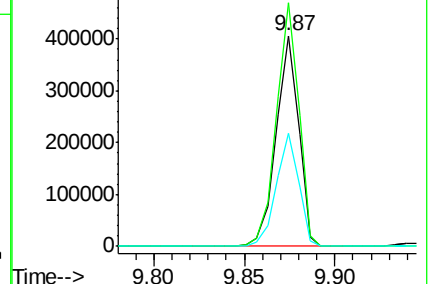
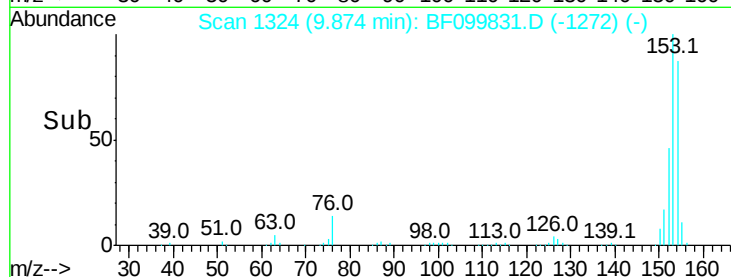
152 53.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.647 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

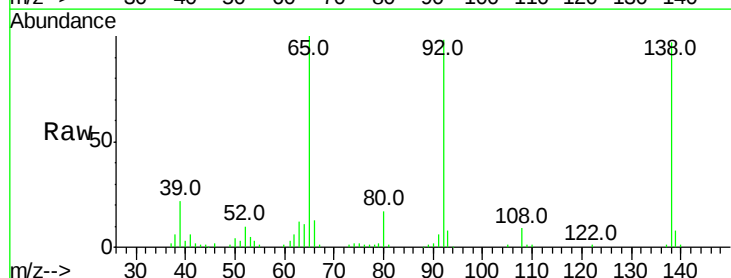
Tgt Ion:138 Resp: 65984

Ion Ratio Lower Upper

138 100

108 9.1 9.4 14.0#

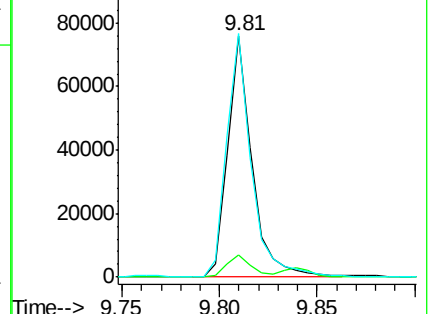
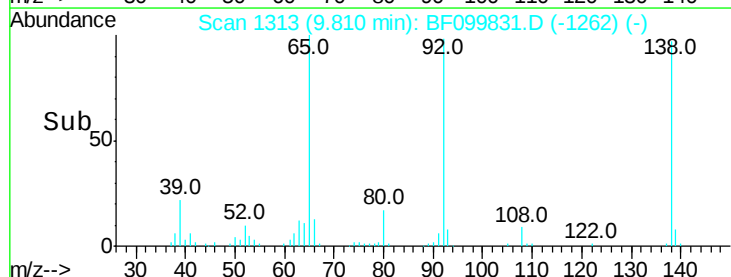
92 100.8 89.4 134.2

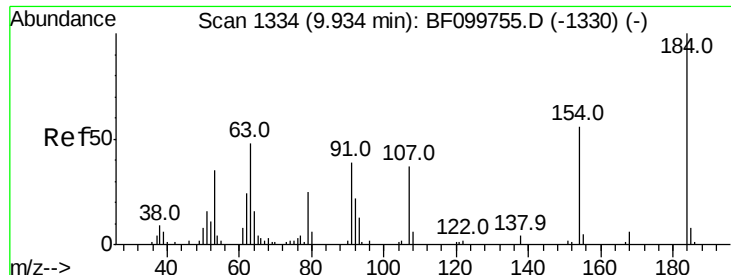


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

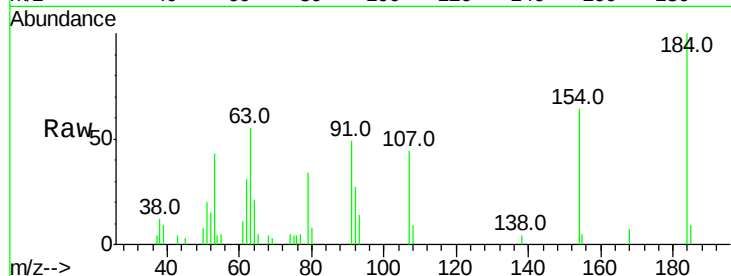




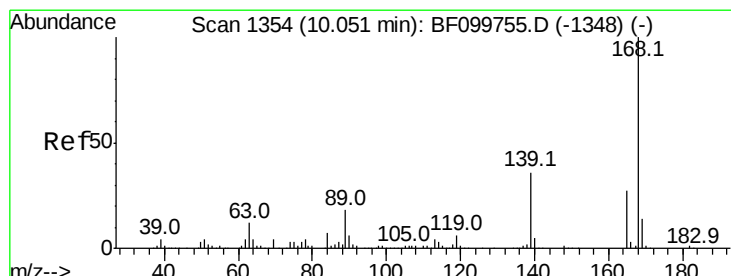
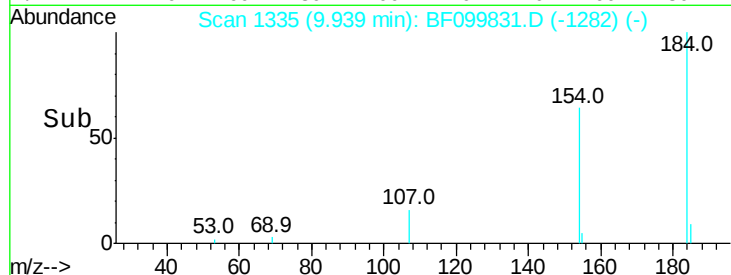
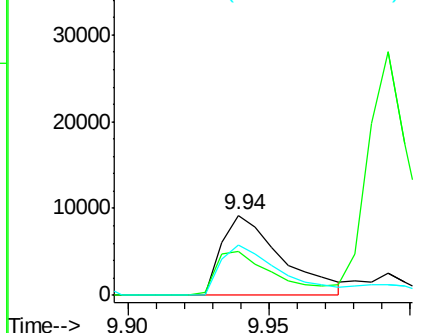
#53
 2,4-Dinitrophenol
 Concen: 19.226 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion:184 Resp: 13567
 Ion Ratio Lower Upper
 184 100
 63 55.4 54.2 81.2
 154 63.6 53.5 80.3

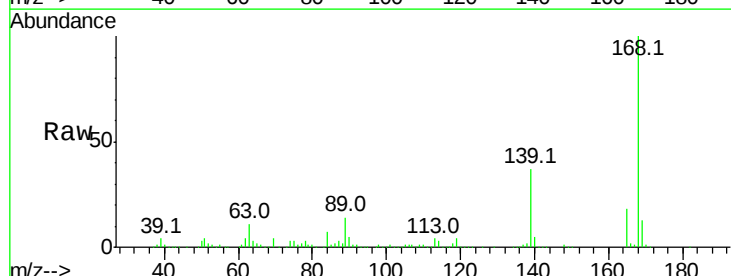


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

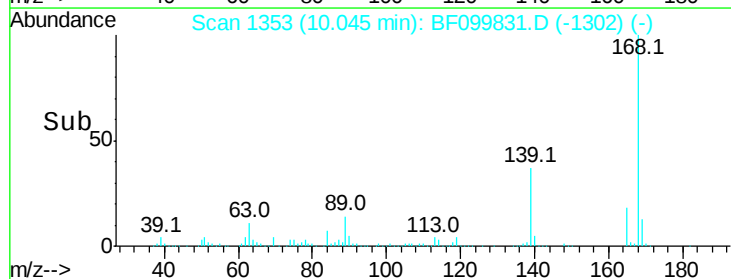
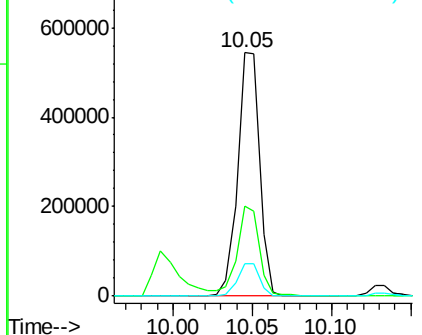


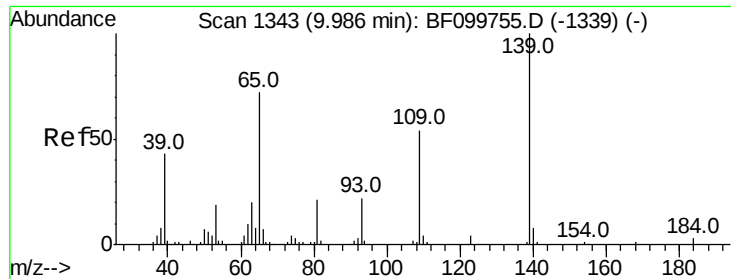
#54
 Dibenzofuran
 Concen: 42.049 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.00 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Tgt Ion:168 Resp: 522026
 Ion Ratio Lower Upper
 168 100
 139 36.8 30.1 45.1
 169 13.1 10.9 16.3



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

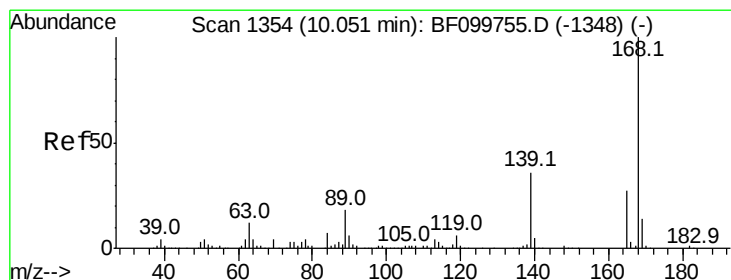
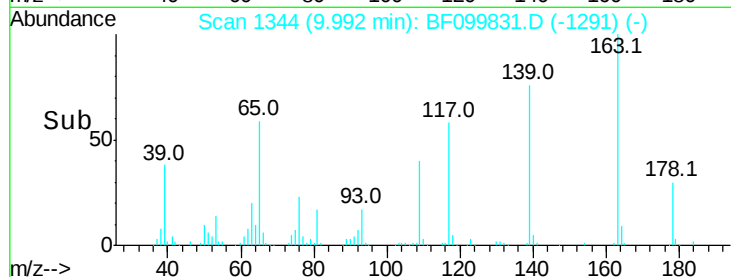
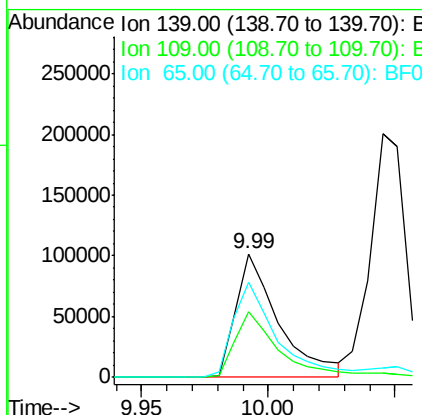
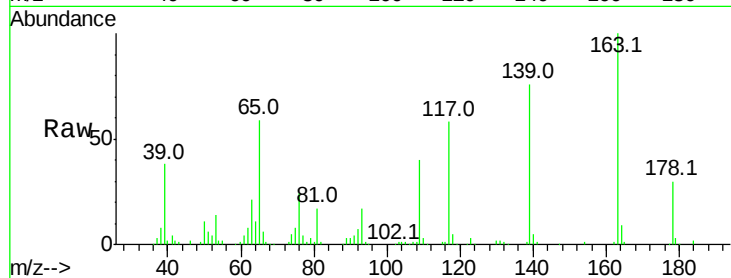




#55
4-Nitrophenol
Concen: 81.857 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

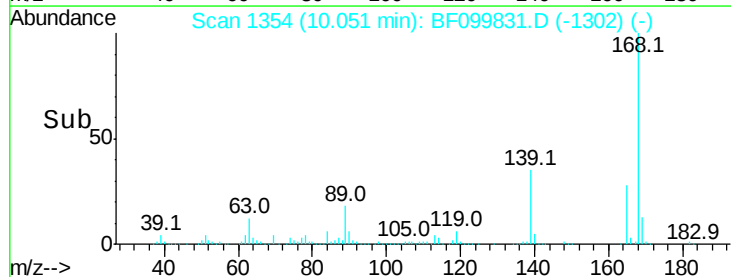
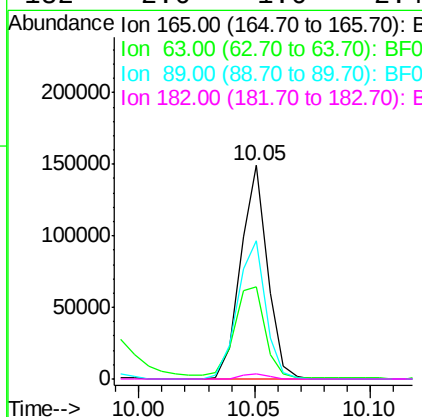
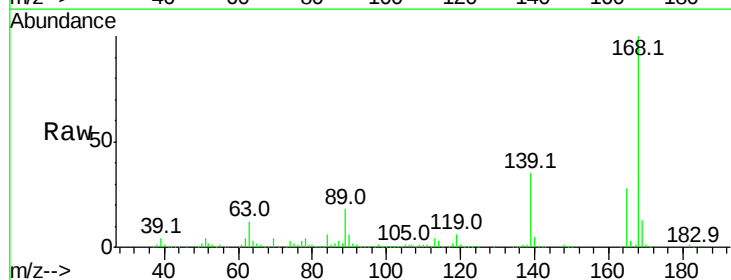
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

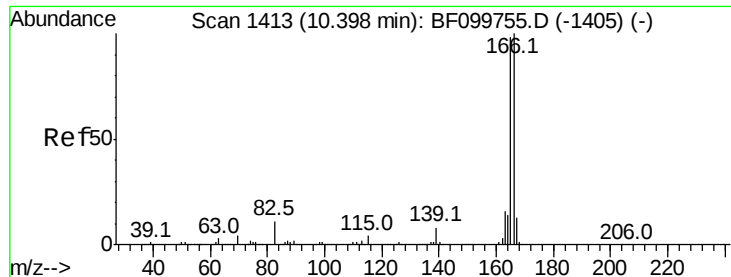
Tot Ion:139 Resp: 119344
Ion Ratio Lower Upper
139 100
109 53.1 48.4 88.4
65 77.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 42.354 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion:165 Resp: 120789
Ion Ratio Lower Upper
165 100
63 43.3 36.4 54.6
89 64.6 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 41.187 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

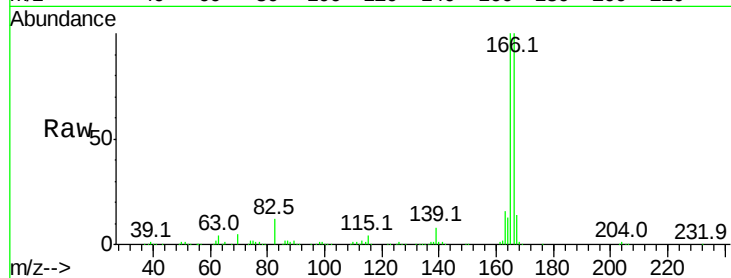
Tot Ion:166 Resp: 423365

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

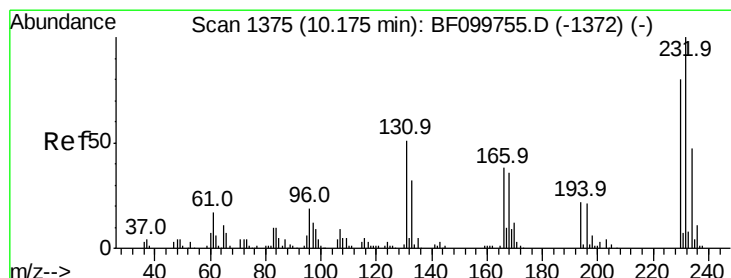
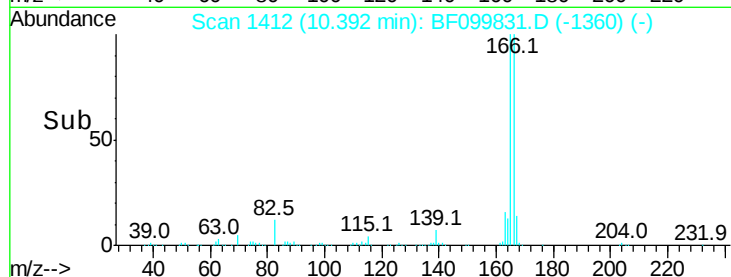
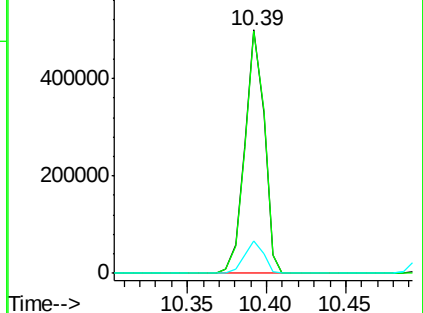
167 13.5 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.872 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Tgt Ion:232 Resp: 96915

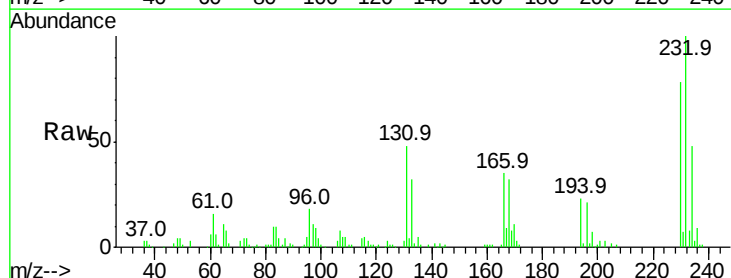
Ion Ratio Lower Upper

232 100

131 46.7 43.8 65.8

130 2.2 2.1 3.1

166 32.5 27.8 41.6

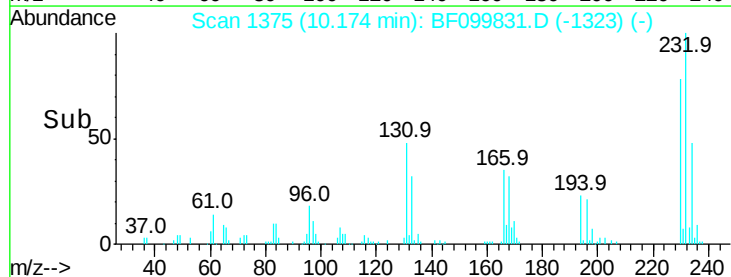
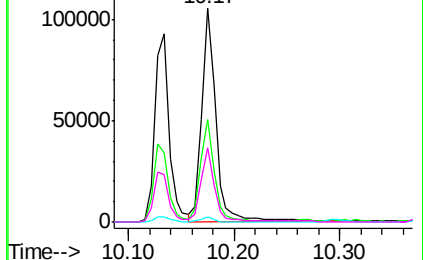


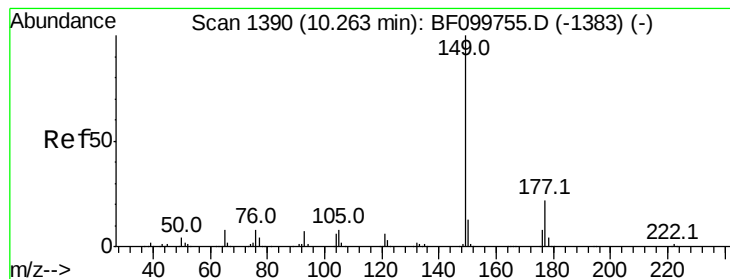
Abundance Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 41.188 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

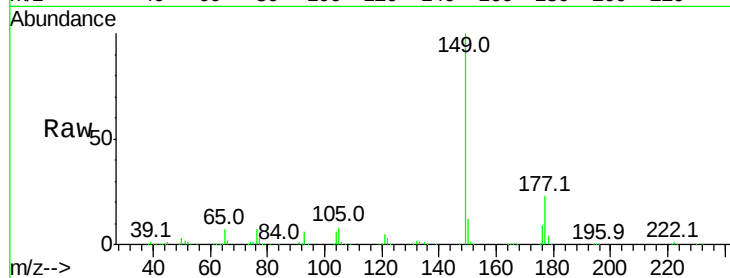
Tot Ion:149 Resp: 453101

Ion Ratio Lower Upper

149 100

177 22.7 16.1 24.1

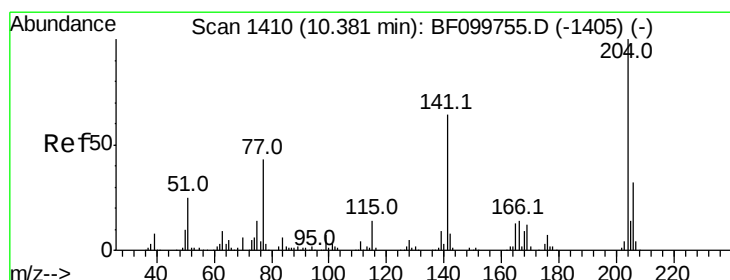
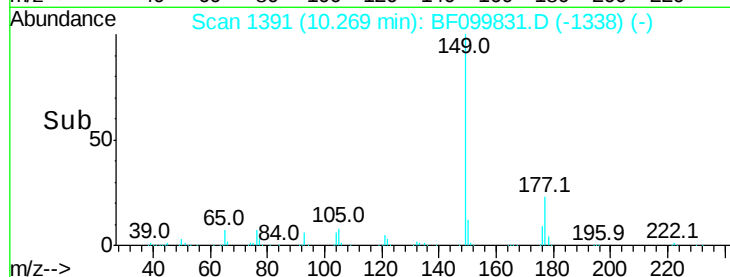
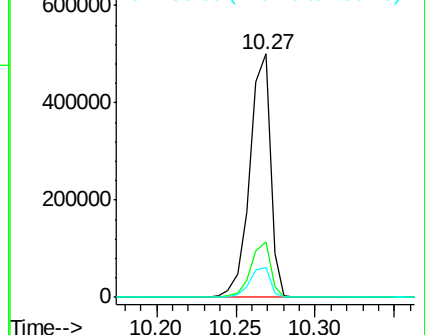
150 12.3 10.1 15.1



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



#60

4-Chlorophenyl-phenylether

Concen: 40.477 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

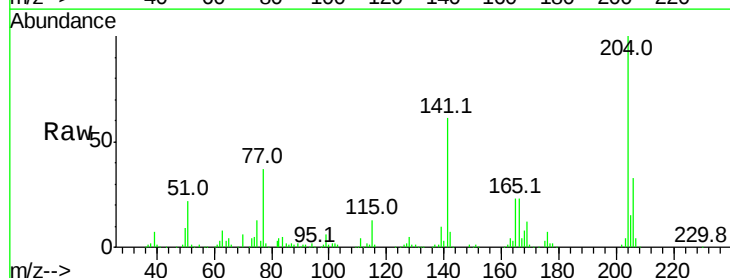
Tgt Ion:204 Resp: 195815

Ion Ratio Lower Upper

204 100

206 33.1 26.5 39.7

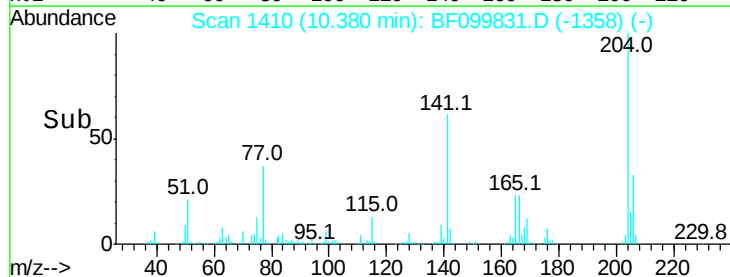
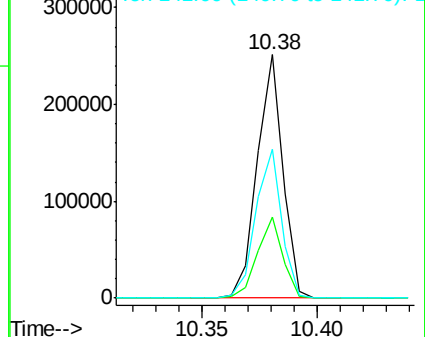
141 61.2 54.6 81.8

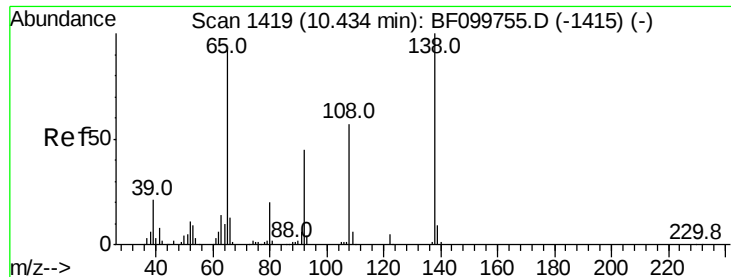


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

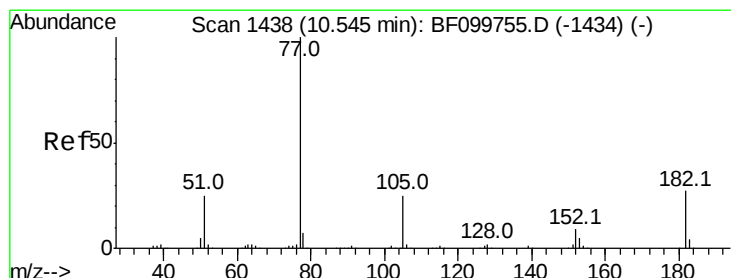
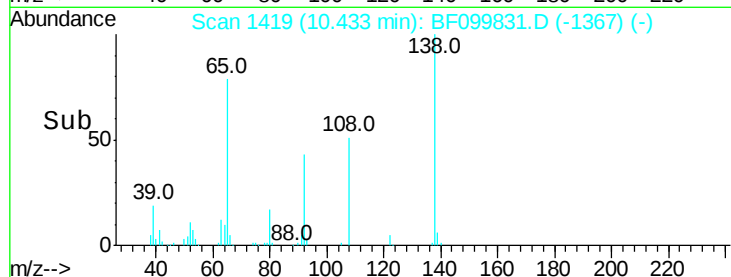
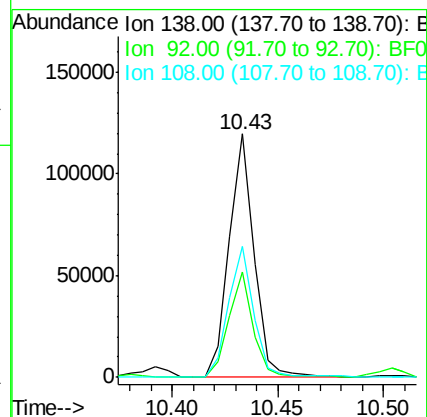
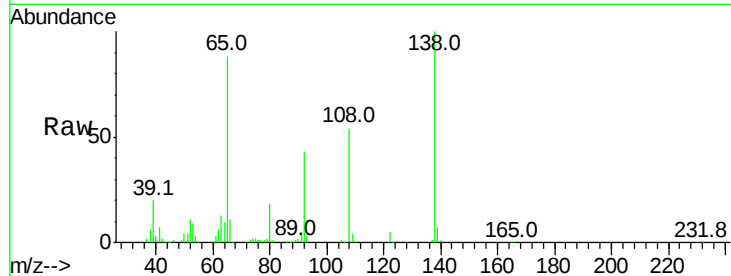




#61
4-Nitroaniline
Concen: 36.739 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

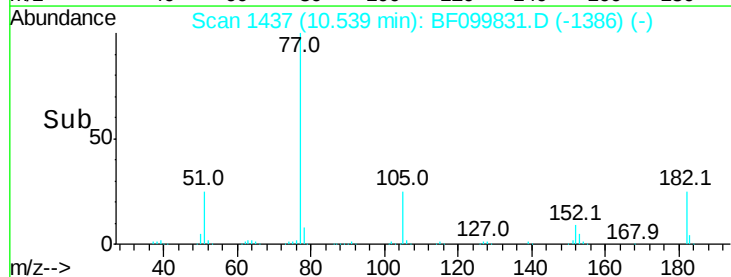
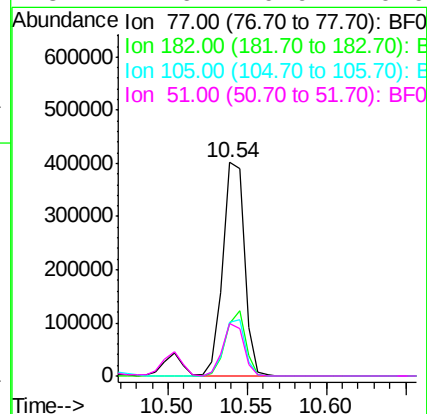
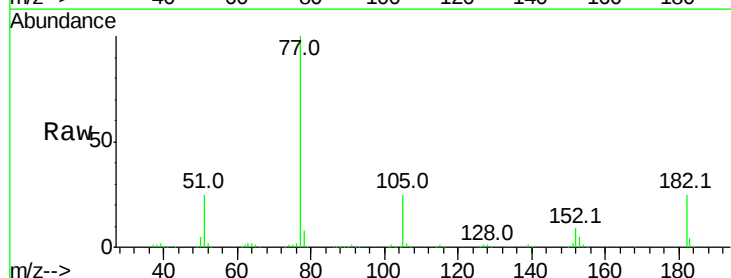
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

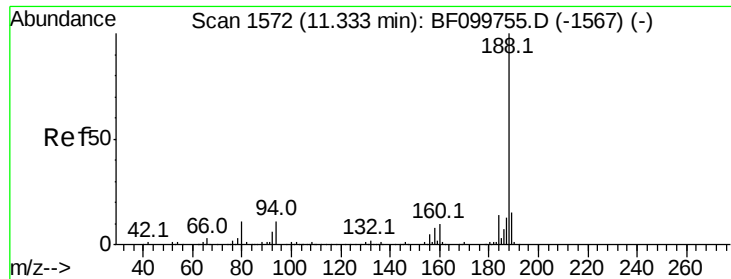
Tot Ion:138 Resp: 97806
Ion Ratio Lower Upper
138 100
92 43.1 30.2 70.2
108 53.6 52.5 92.5



#62
Azobenzene
Concen: 41.422 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion: 77 Resp: 381974
Ion Ratio Lower Upper
77 100
182 24.7 1.7 41.7
105 25.2 3.0 43.0
51 24.6 9.9 49.9

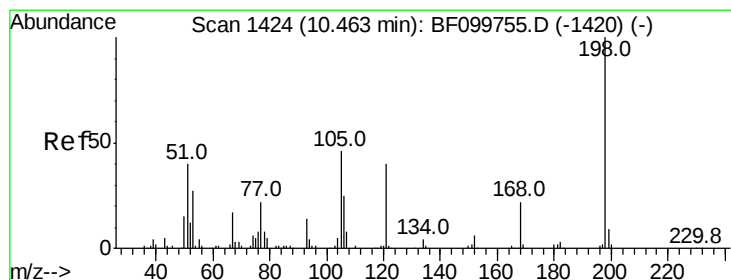
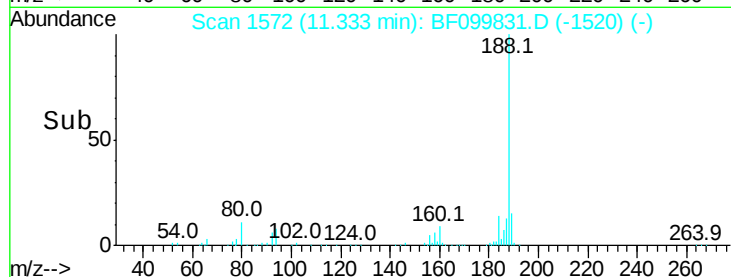
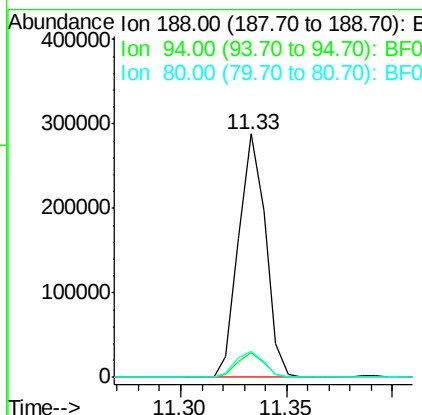
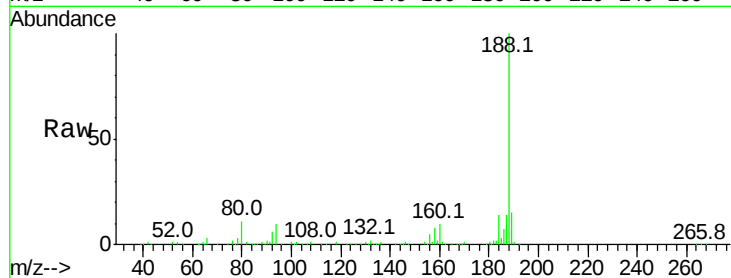




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

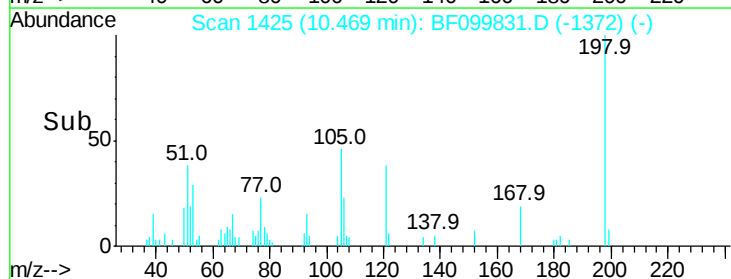
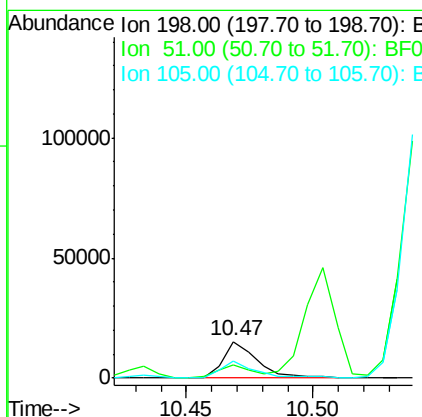
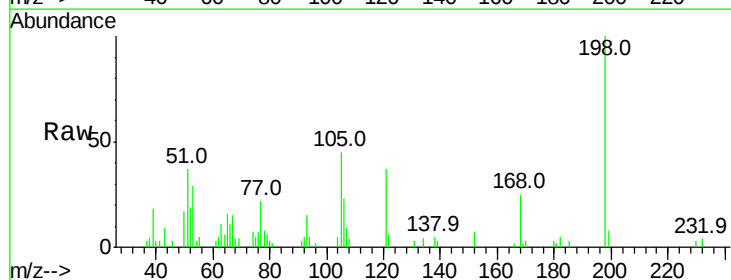
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

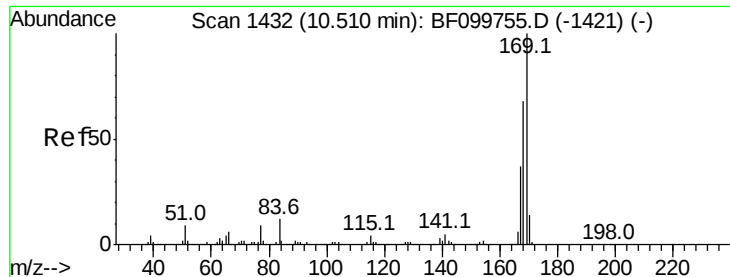
Tot Ion:188 Resp: 254715
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.829 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion:198 Resp: 14136
Ion Ratio Lower Upper
198 100
51 37.3 37.7 77.7#
105 45.4 36.3 76.3

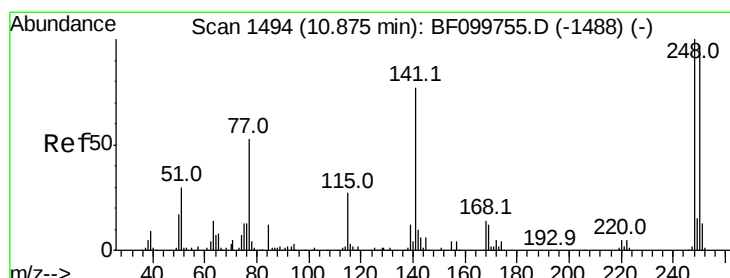
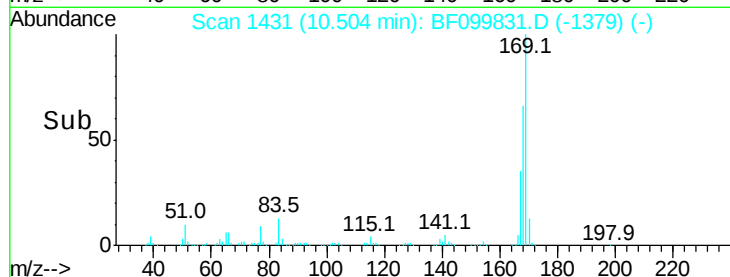
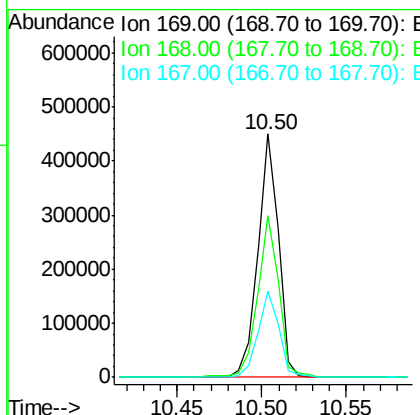
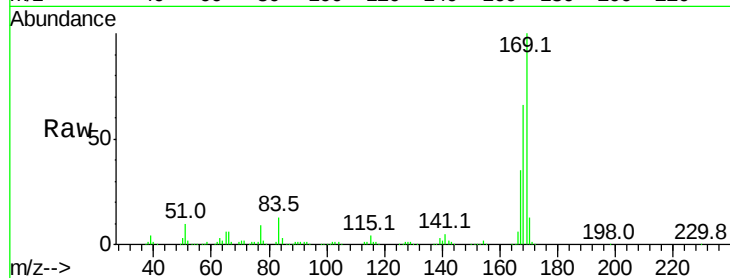




#65
n-Nitrosodiphenylamine
Concen: 40.750 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

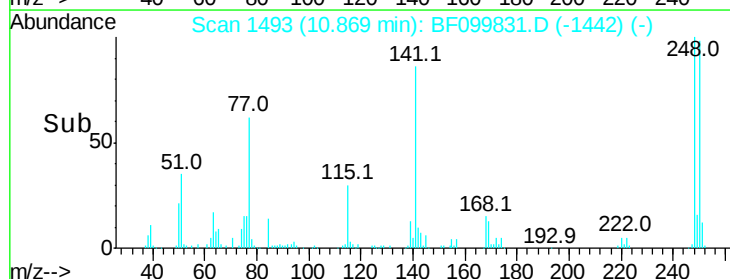
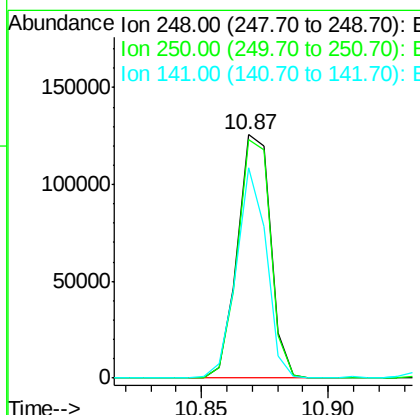
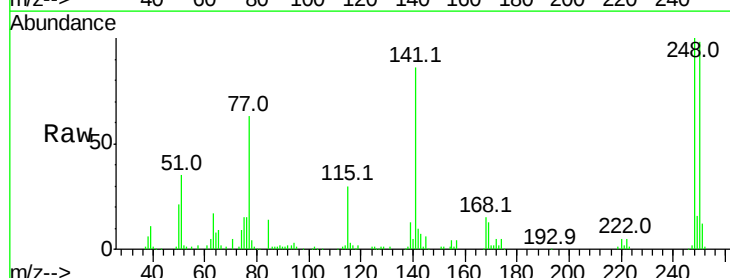
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

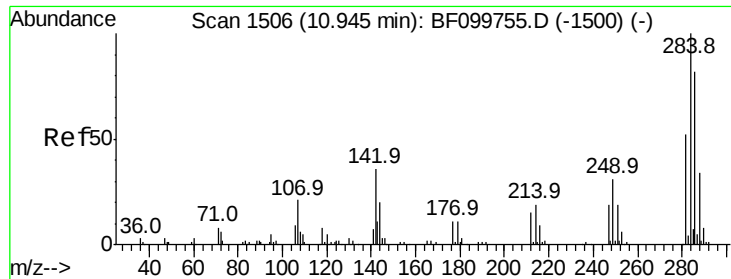
Tot Ion:169 Resp: 383161
Ion Ratio Lower Upper
169 100
168 66.5 54.4 81.6
167 35.4 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 42.583 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion:248 Resp: 114188
Ion Ratio Lower Upper
248 100
250 98.1 76.9 115.3
141 86.3 74.4 111.6

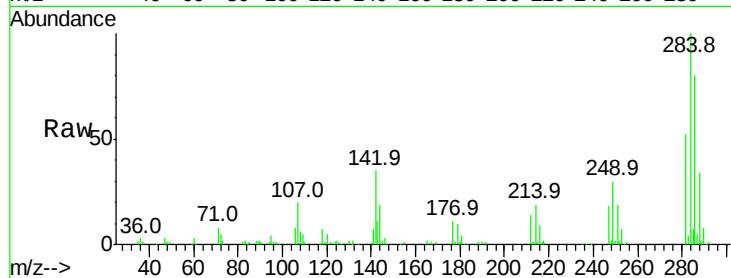




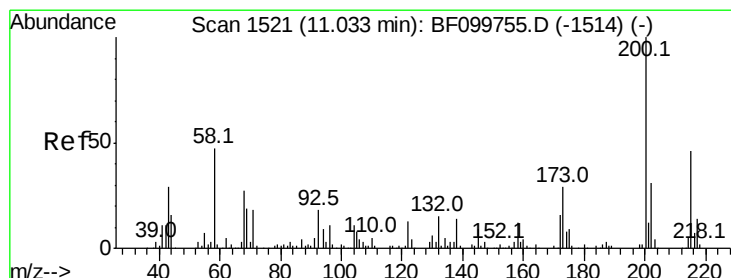
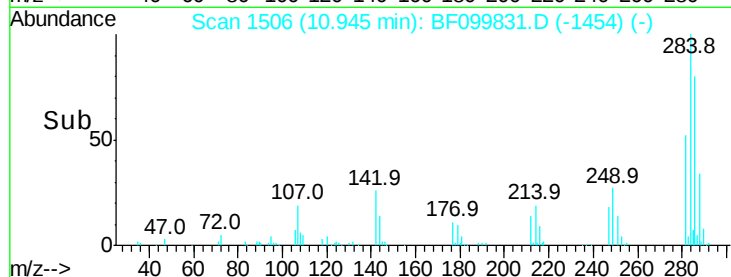
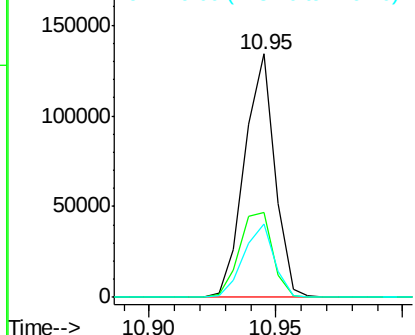
#67
Hexachlorobenzene
Concen: 40.585 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

Tot Ion:284 Resp: 111340
Ion Ratio Lower Upper
284 100
142 35.1 34.6 52.0
249 29.9 24.8 37.2

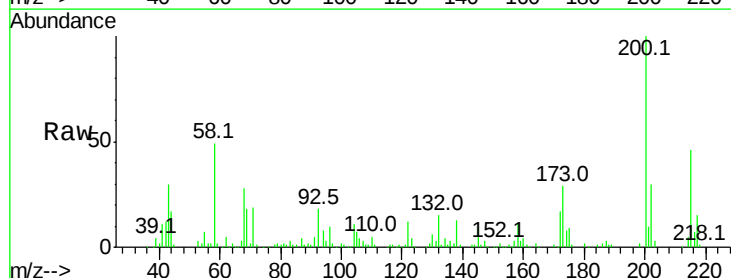


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

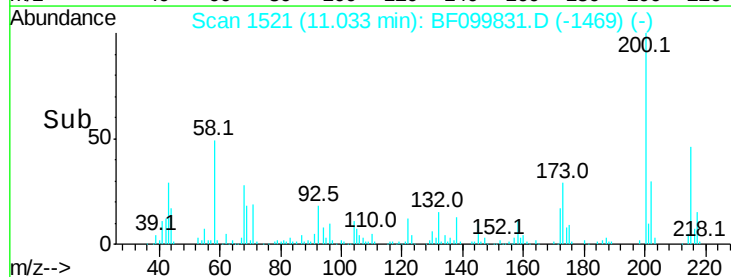
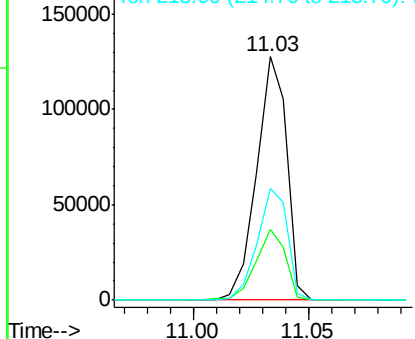


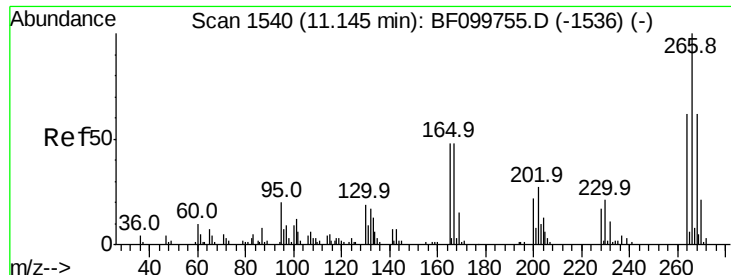
#68
Atrazine
Concen: 41.227 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion:200 Resp: 116442
Ion Ratio Lower Upper
200 100
173 29.0 8.6 48.6
215 45.9 25.1 65.1



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

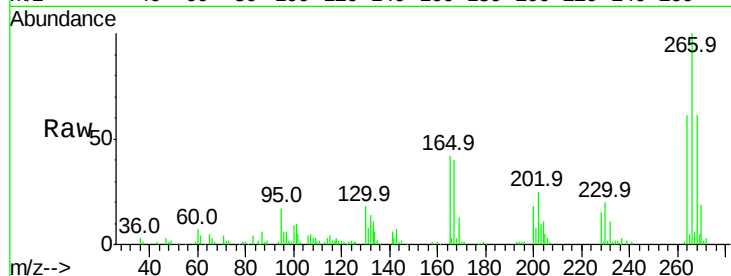




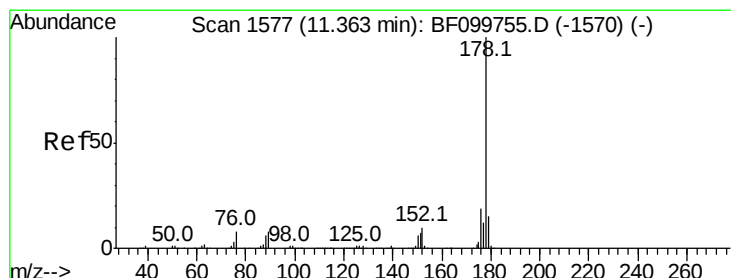
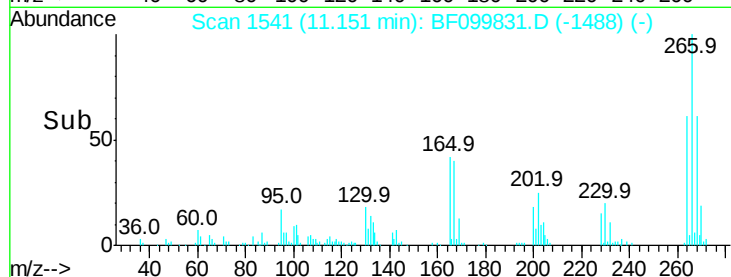
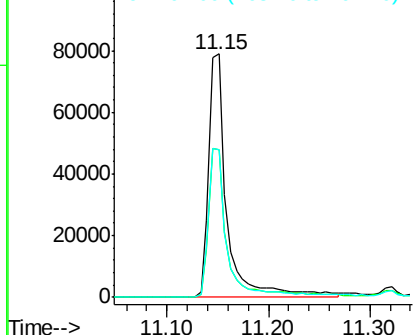
#69
 Pentachlorophenol
 Concen: 85.218 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion:266 Resp: 99896
 Ion Ratio Lower Upper
 266 100
 268 60.8 51.1 76.7
 264 60.9 49.5 74.3

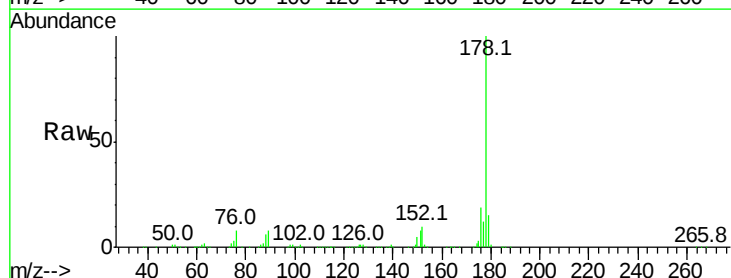


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

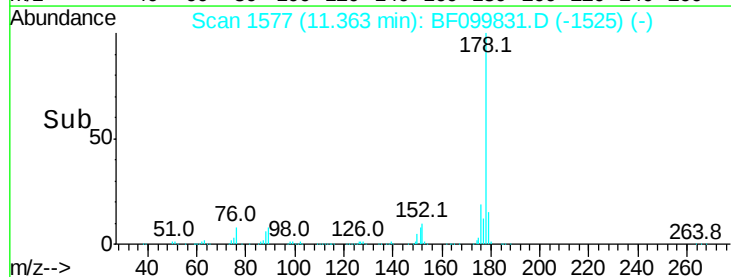
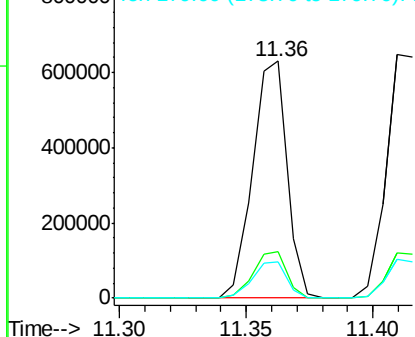


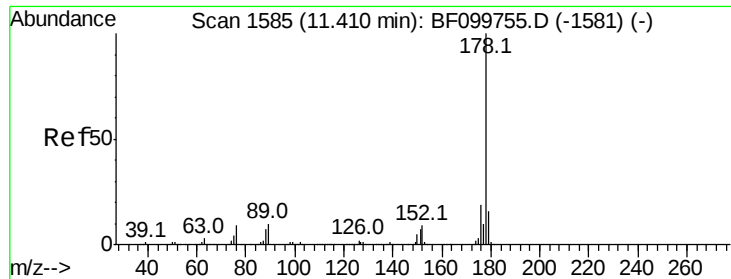
#70
 Phenanthrene
 Concen: 41.567 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Tgt Ion:178 Resp: 597515
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.2 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

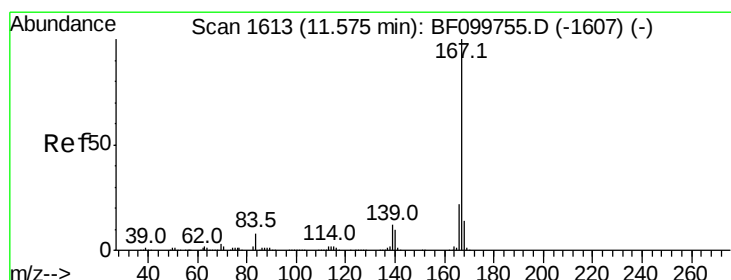
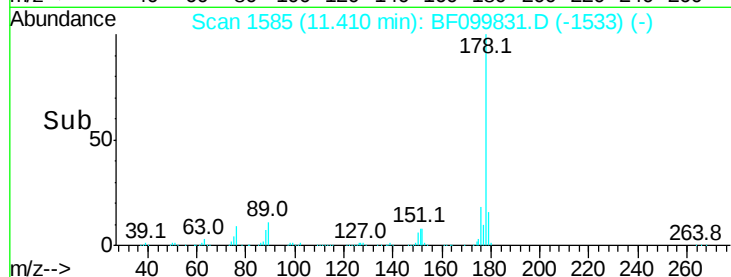
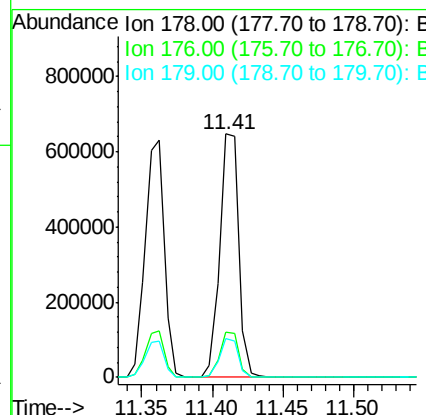
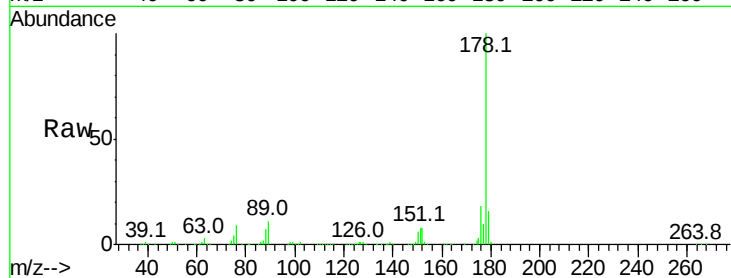




#71
 Anthracene
 Concen: 41.485 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

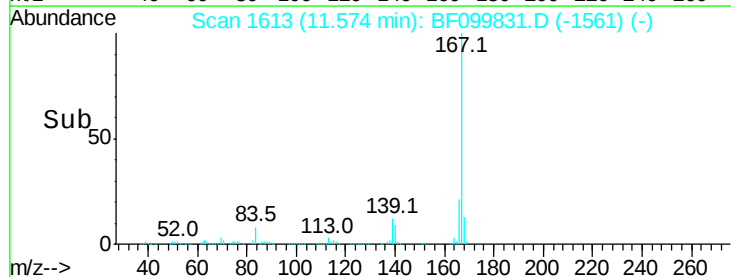
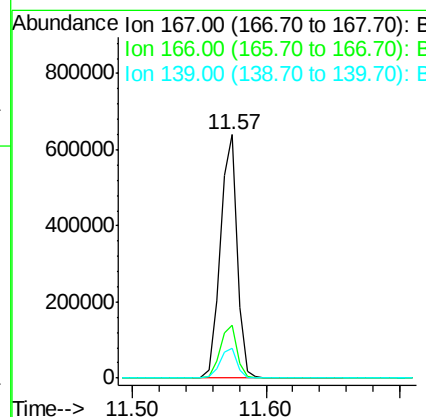
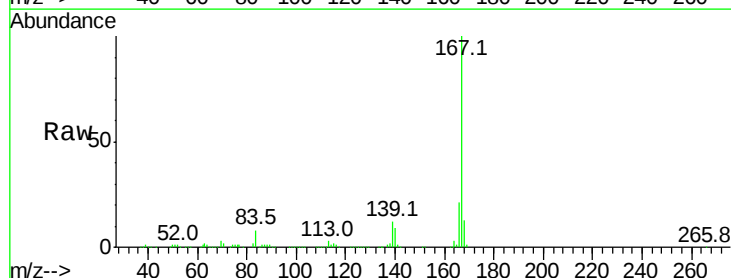
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

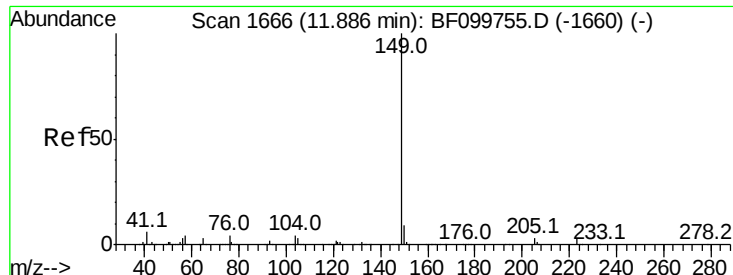
Tot Ion:178 Resp: 605323
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 41.481 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Tgt Ion:167 Resp: 569169
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.0 10.9 16.3

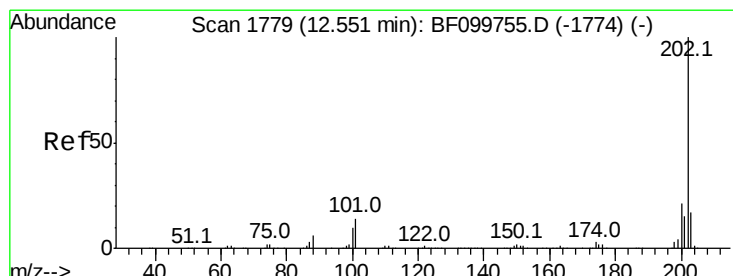
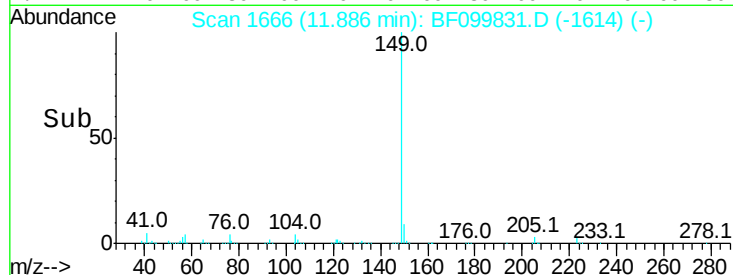
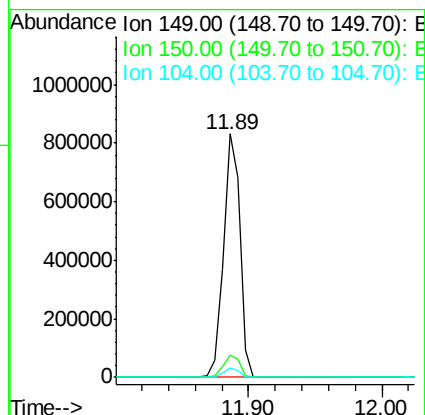
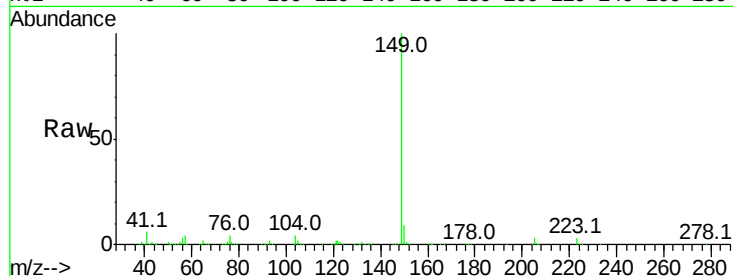




#73
Di-n-butylphthalate
Concen: 41.294 ng
RT: 11.89 min Scan# 1666
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

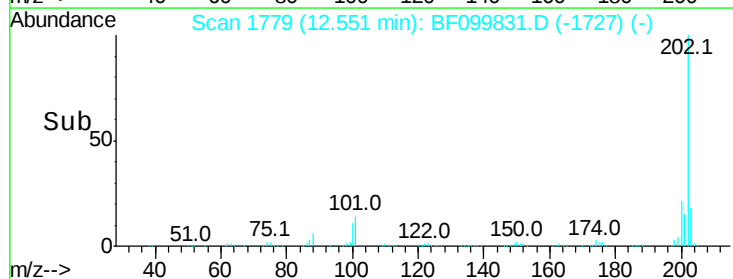
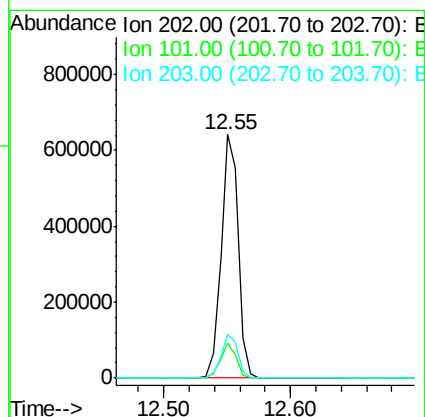
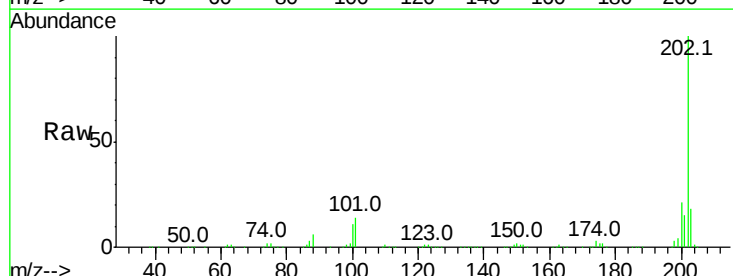
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

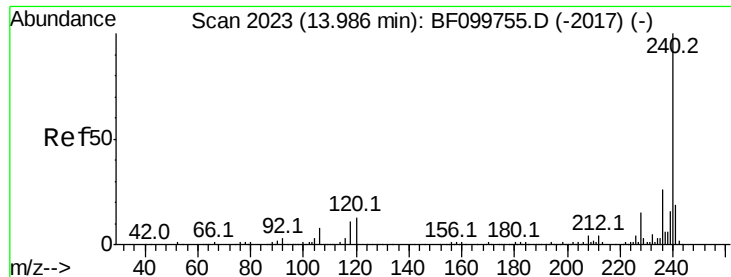
Tot Ion:149 Resp: 722699
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.0 3.8 5.8



#74
Fluoranthene
Concen: 40.416 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion:202 Resp: 603766
Ion Ratio Lower Upper
202 100
101 14.2 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

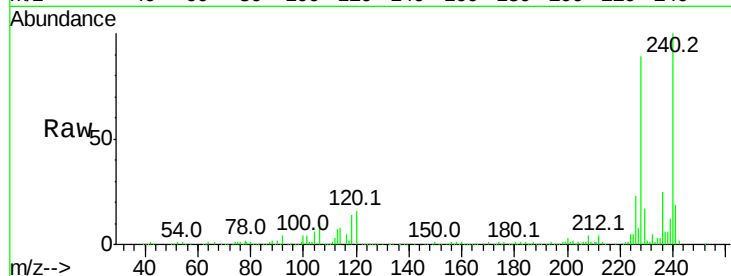
Tot Ion:240 Resp: 186661

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

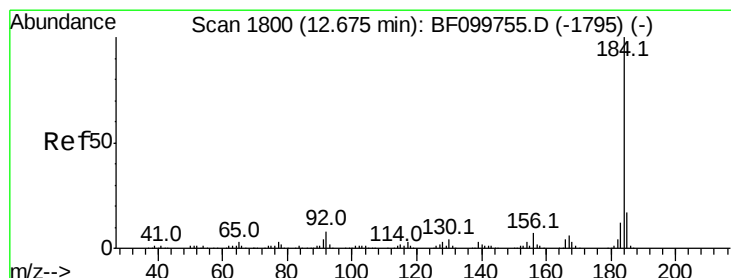
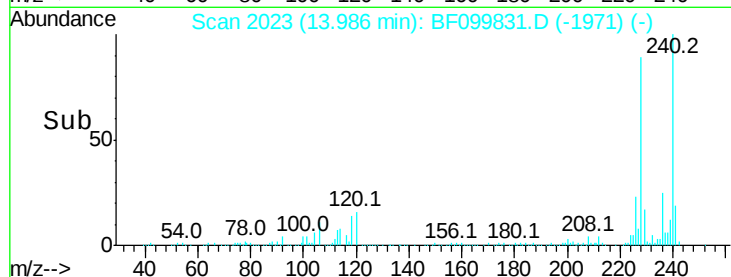
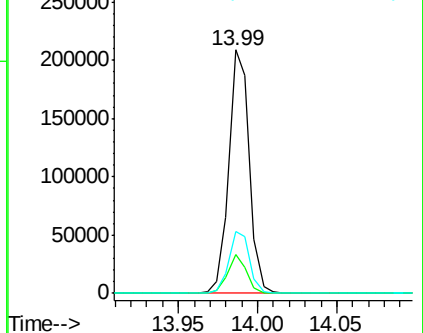
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.397 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

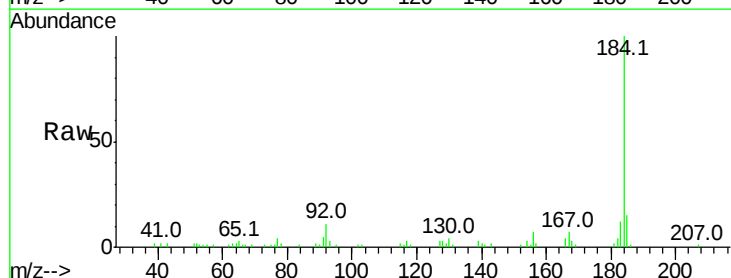
Tgt Ion:184 Resp: 44085

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

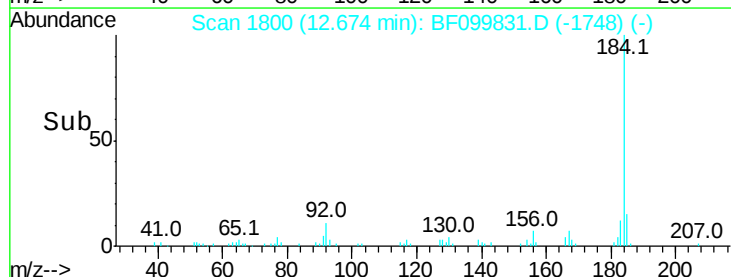
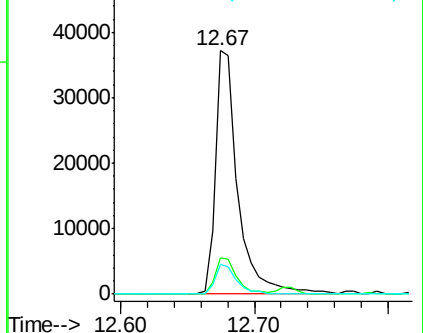
183 12.3 9.3 13.9

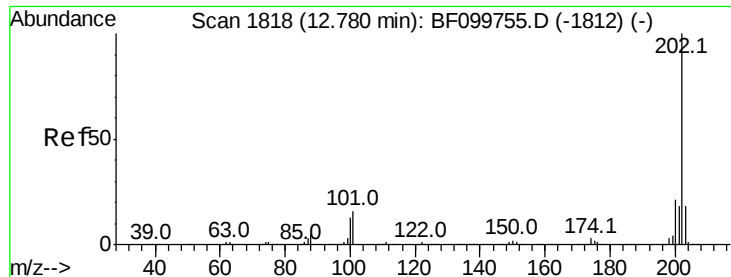


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

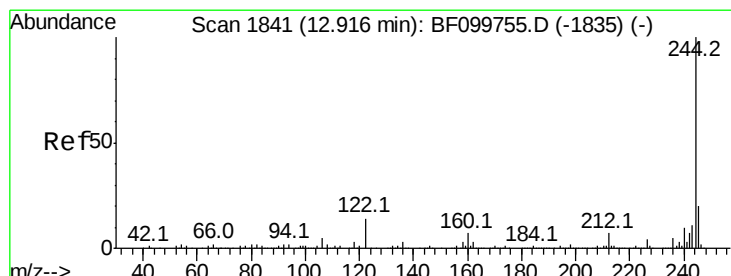
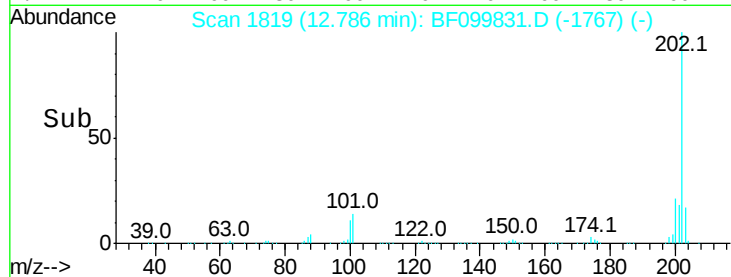
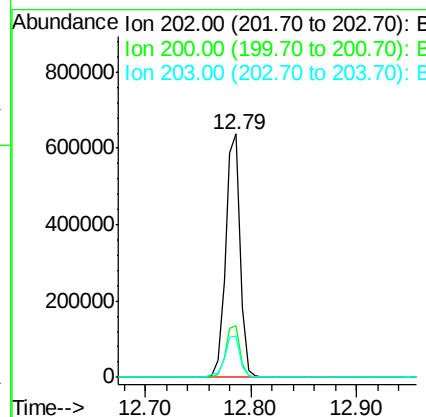
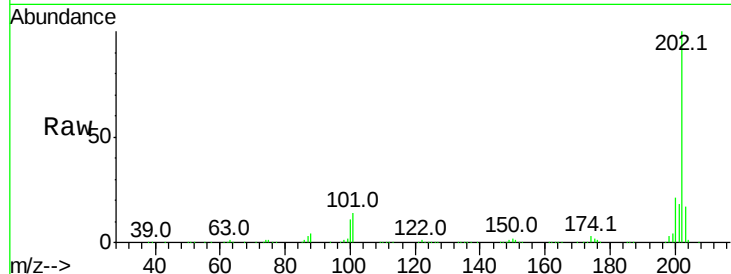




#77
Pvrene
Concen: 43.332 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

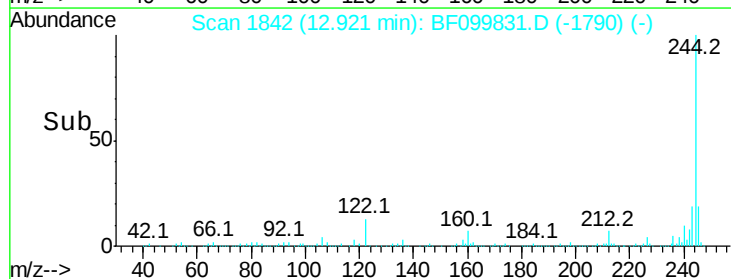
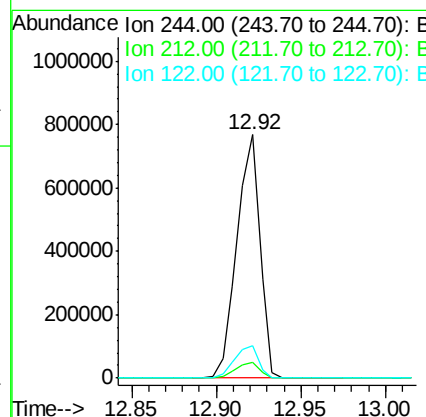
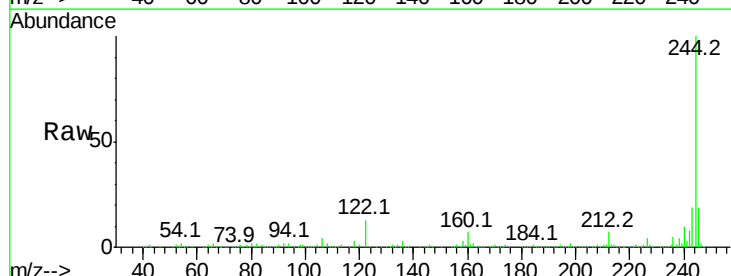
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

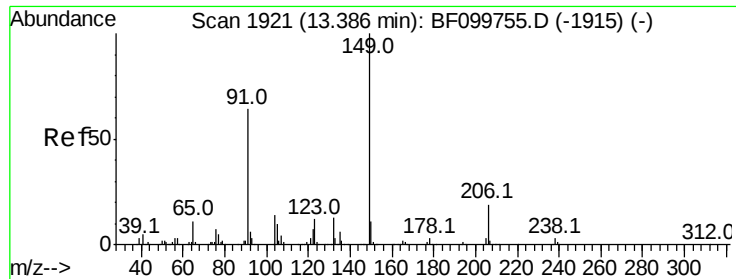
Tot Ion:202 Resp: 615035
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.1 14.3 21.5



#78
Terphenyl-d14
Concen: 85.265 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion:244 Resp: 728283
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 13.3 11.0 16.4

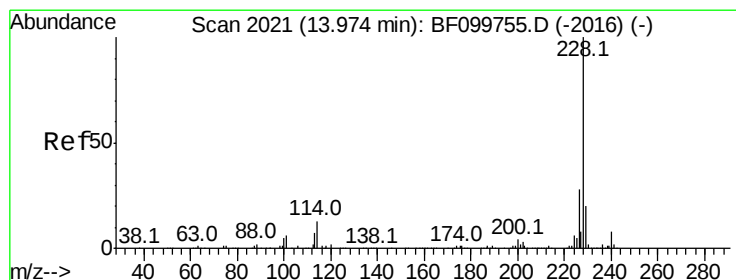
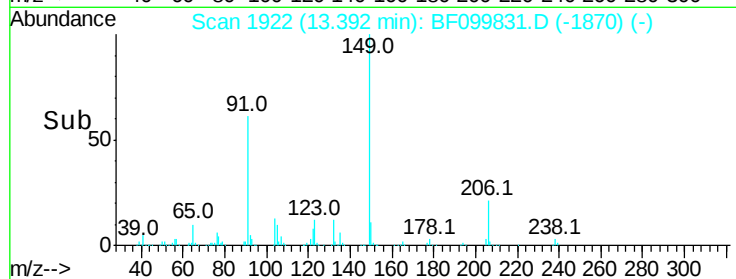
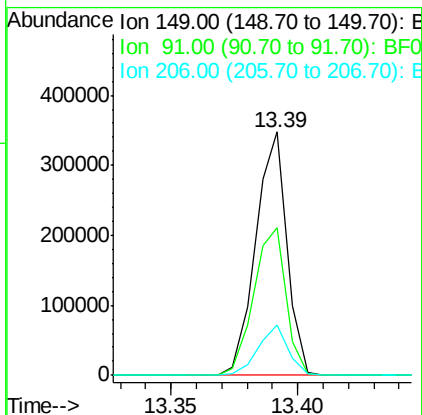
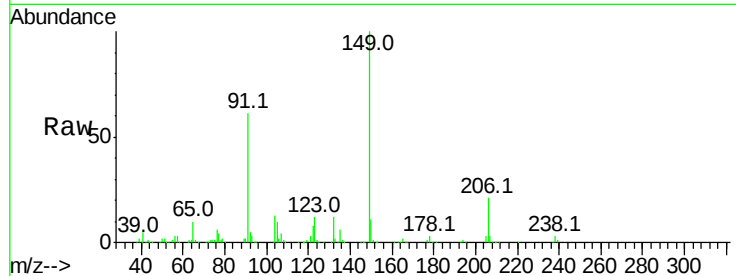




#79
Butylbenzylphthalate
Concen: 42.531 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

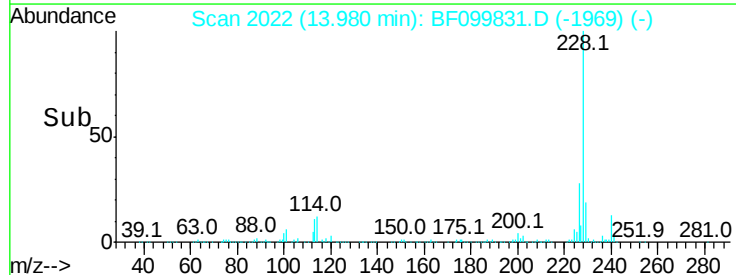
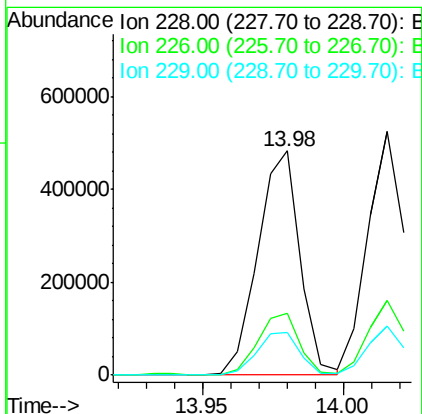
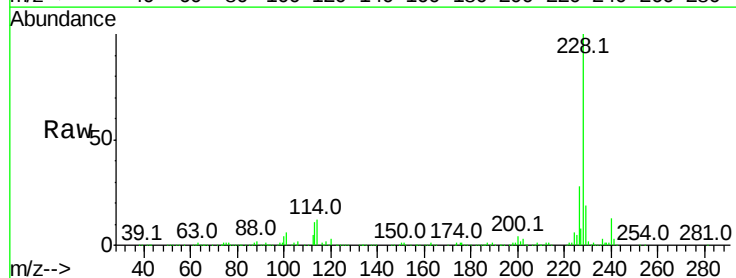
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

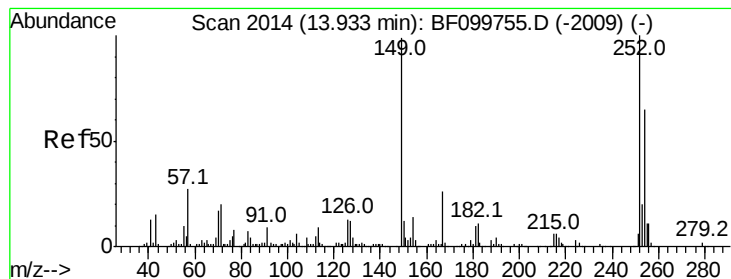
Tot Ion:149 Resp: 297264
Ion Ratio Lower Upper
149 100
91 60.7 56.8 85.2
206 20.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.124 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion:228 Resp: 498456
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.2 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 34.291 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

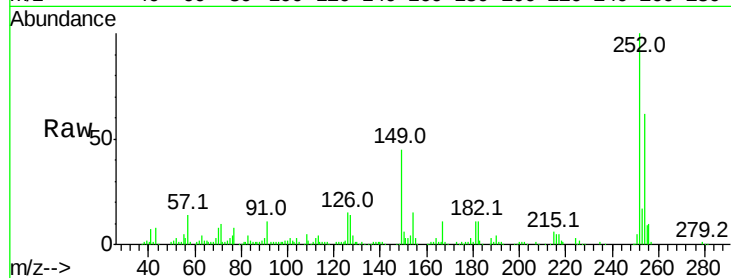
Tot Ion:252 Resp: 147291

Ion Ratio Lower Upper

252 100

254 62.0 50.4 75.6

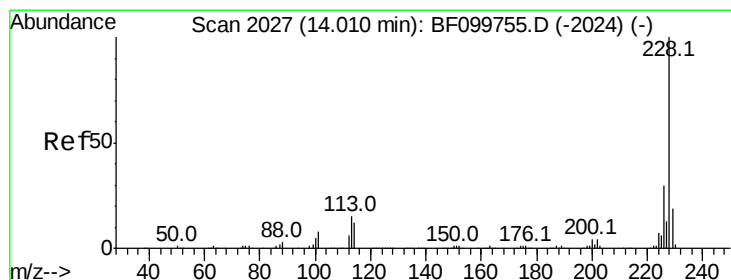
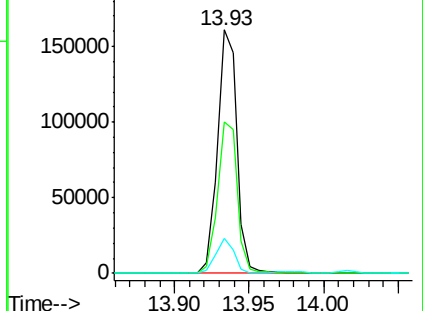
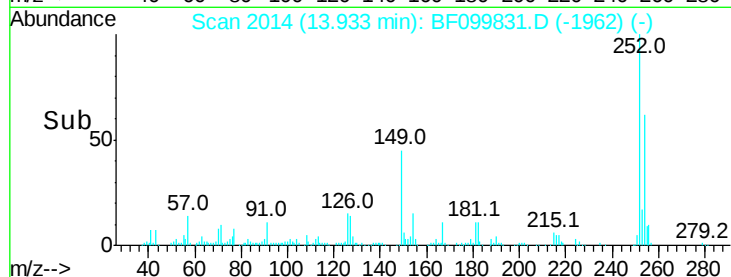
126 14.5 11.3 16.9



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



#82

Chrysene

Concen: 42.561 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

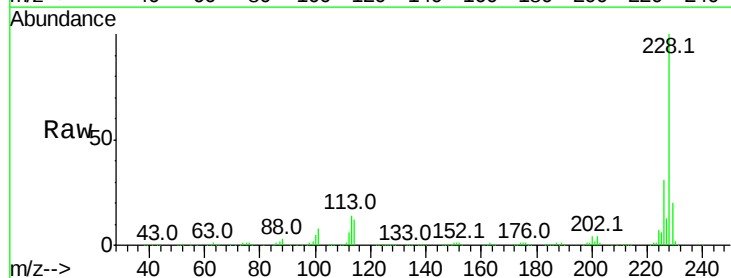
Tgt Ion:228 Resp: 473477

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

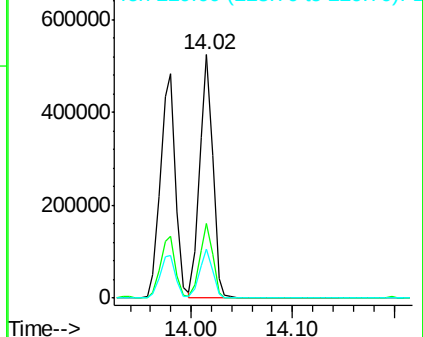
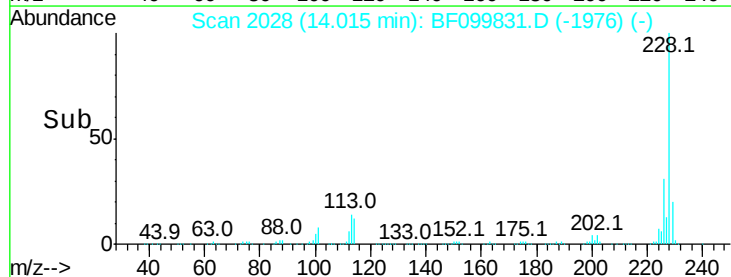
229 20.1 16.2 24.4

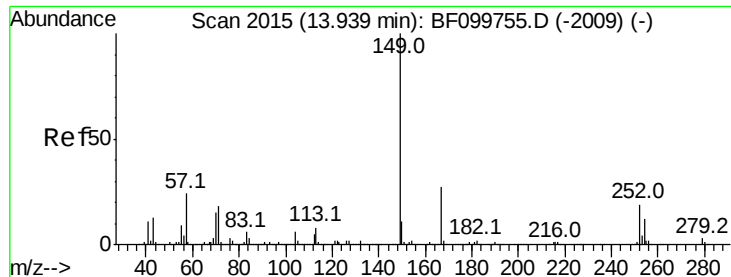


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.362 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

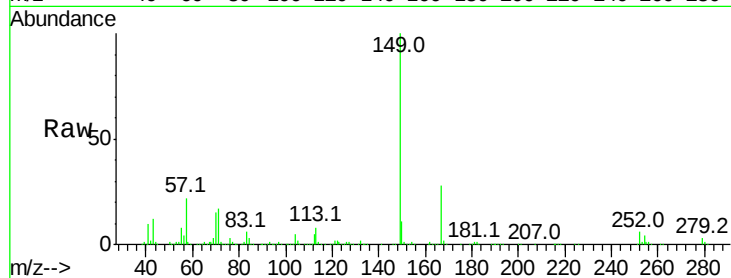
Tot Ion:149 Resp: 415790

Ion Ratio Lower Upper

149 100

167 27.7 21.3 31.9

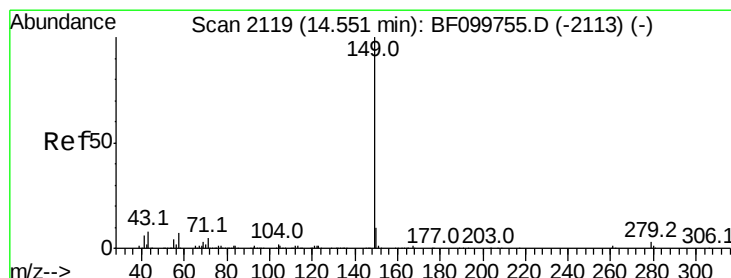
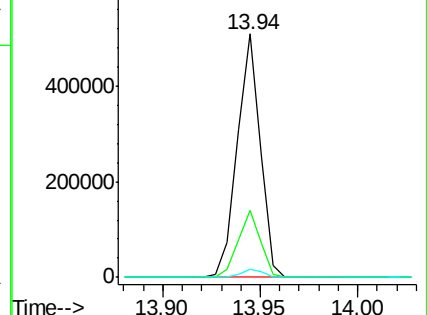
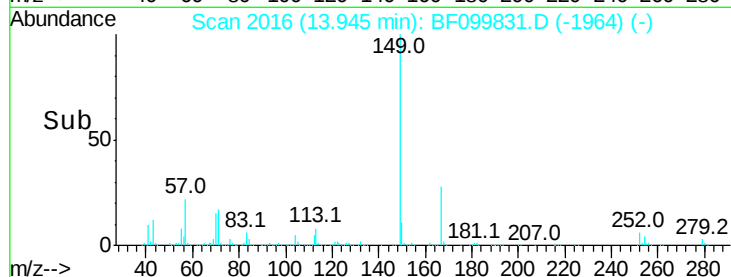
279 3.3 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 41.906 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

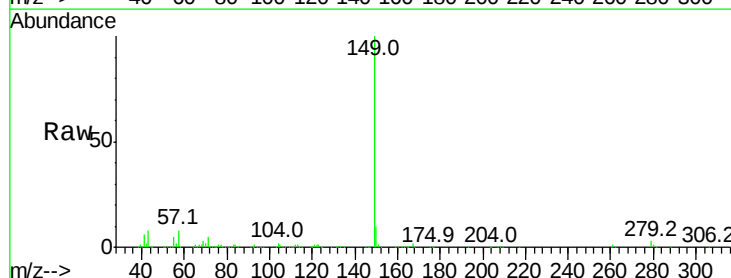
Tgt Ion:149 Resp: 705959

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

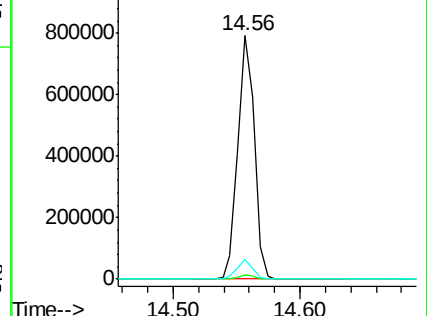
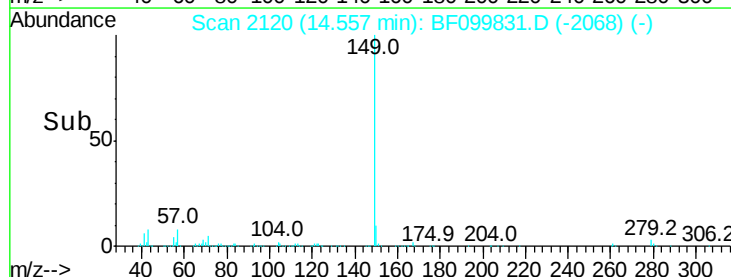
43 7.6 8.4 12.6#

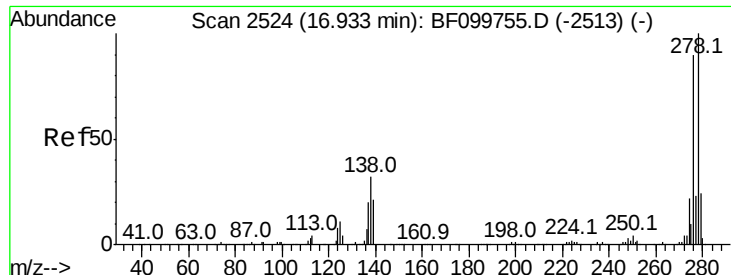


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

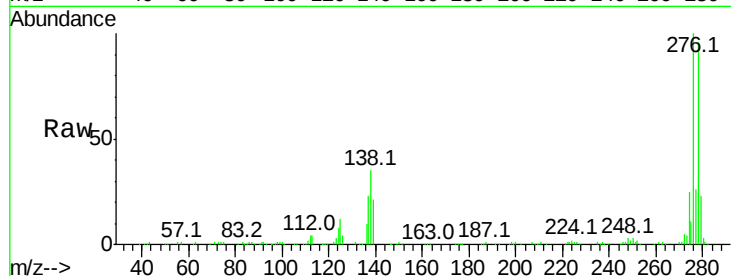




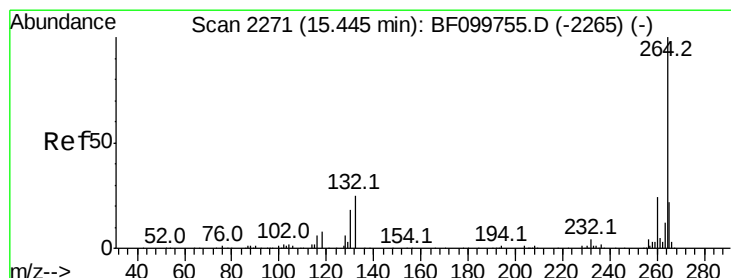
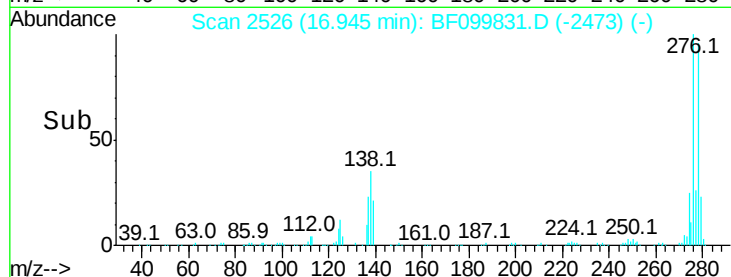
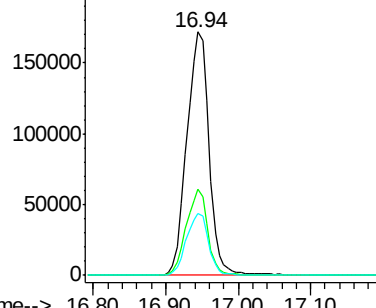
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.966 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. 0.01 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	25.0	37.6
277	25.2	20.1	30.1

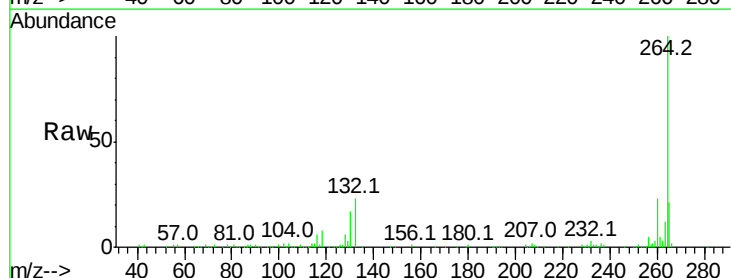


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

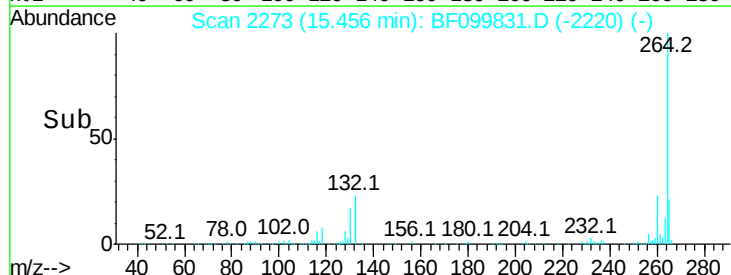
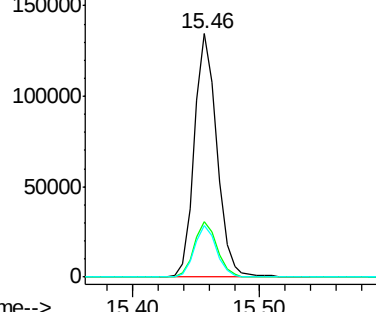


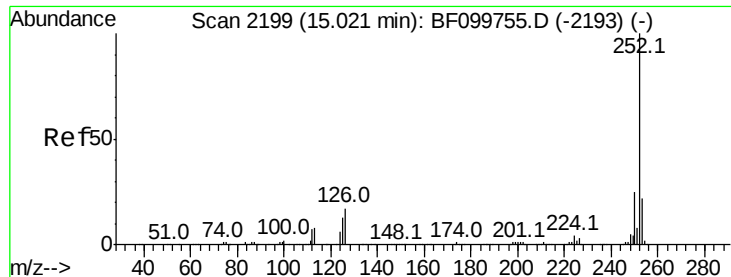
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

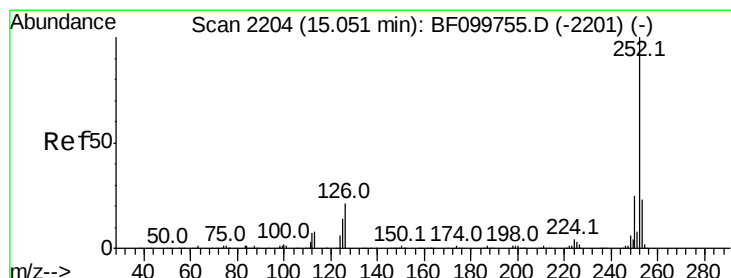
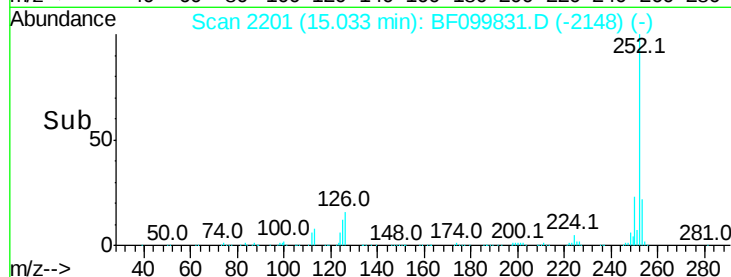
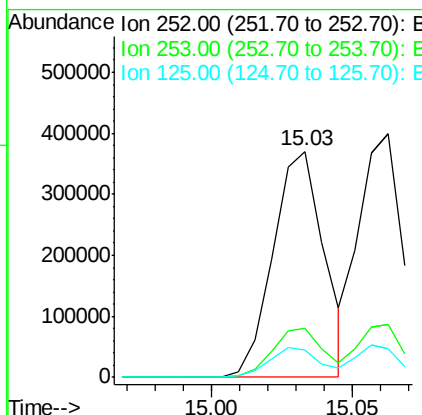
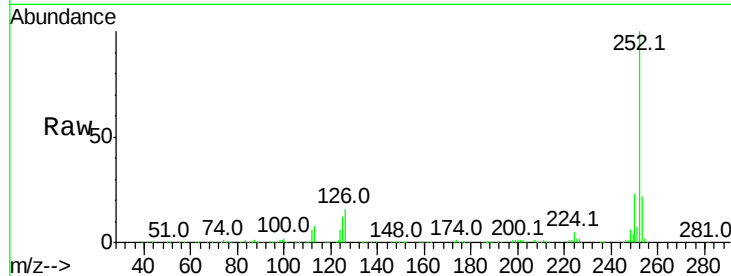




#87
Benzo(b)fluoranthene
Concen: 44.323 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

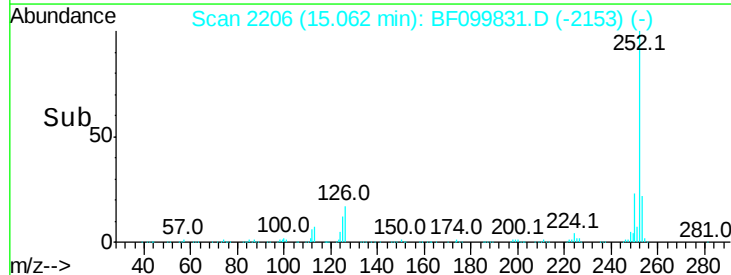
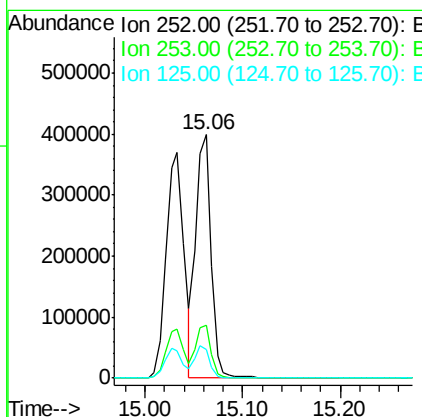
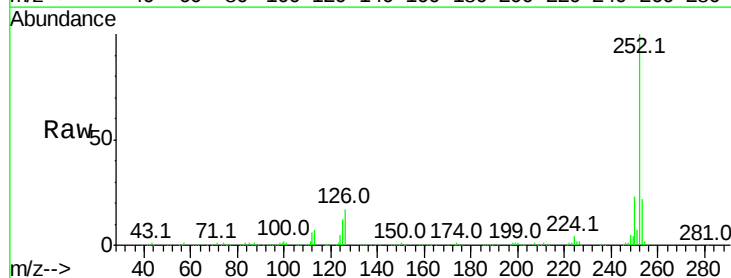
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MSD

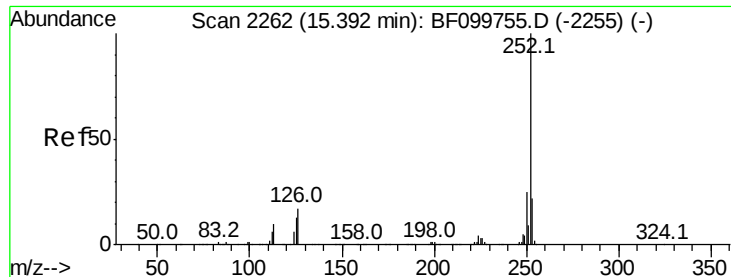
Tot Ion:252 Resp: 464745
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.643 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099831.D
Acq: 25 Oct 2017 23:35

Tgt Ion:252 Resp: 431519
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 43.657 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MSD

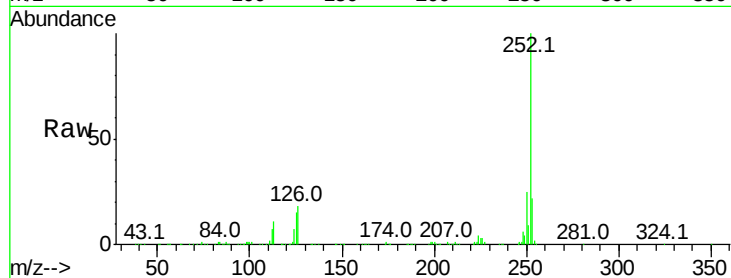
Tot Ion:252 Resp: 411202

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

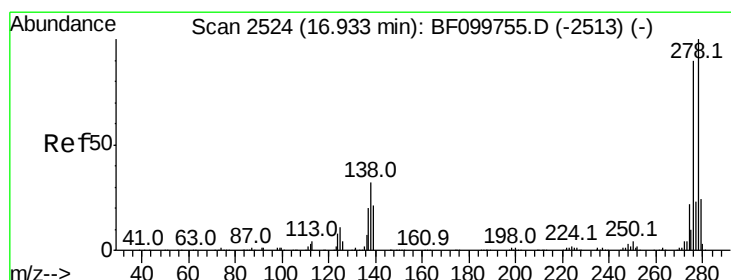
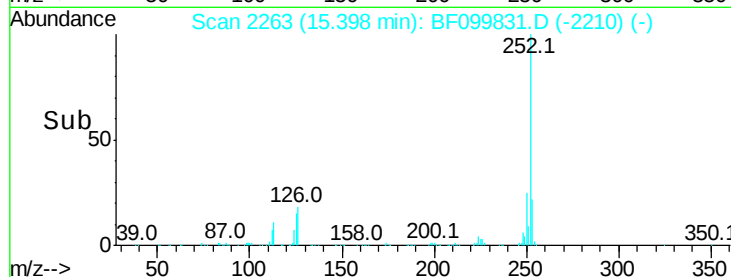
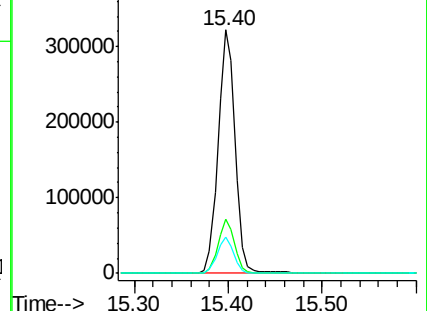
125 14.9 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.112 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BF099831.D

Acq: 25 Oct 2017 23:35

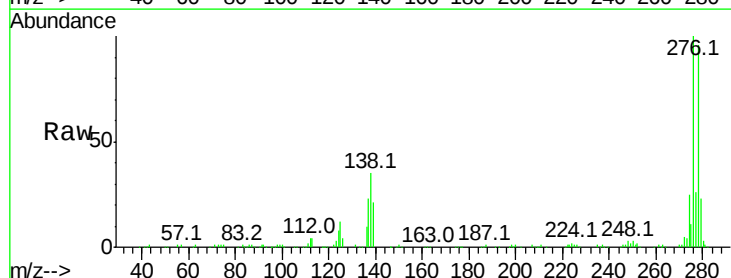
Tgt Ion:278 Resp: 318971

Ion Ratio Lower Upper

278 100

139 22.4 15.9 23.9

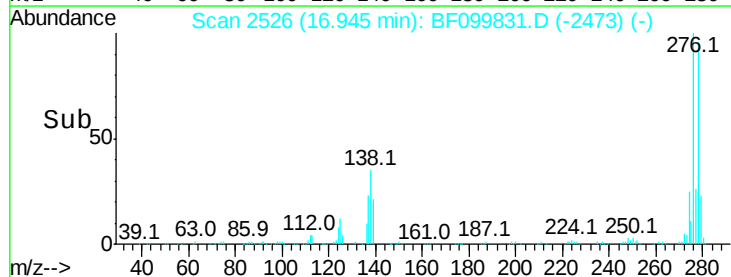
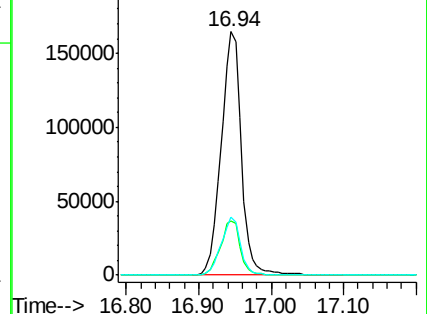
279 23.6 19.0 28.4

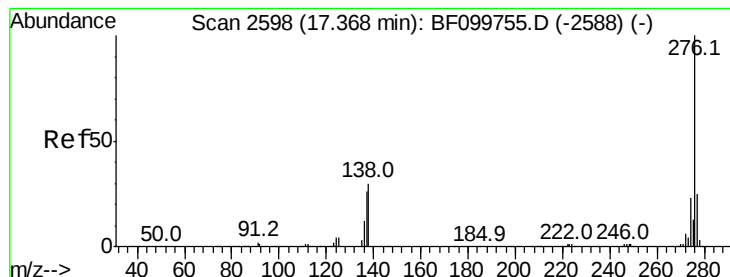


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

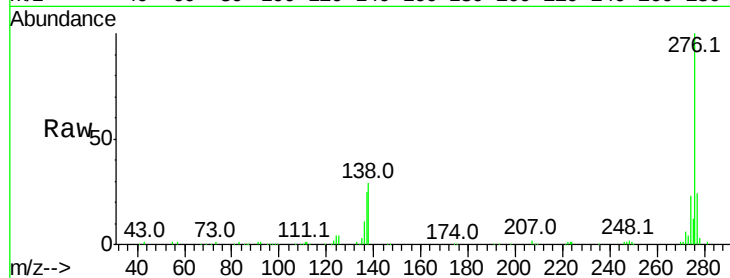




#91
 Benzo(a,h,i)perylene
 Concen: 35.254 ng
 RT: 17.39 min Scan# 2602
 Delta R.T. 0.02 min
 Lab File: BF099831.D
 Acq: 25 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	28.8	21.8	32.8



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

