

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099349.D
 Acq On : 11 Oct 2017 17:15
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:48:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	100719	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	423643	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	195903	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	353390	20.00	ng	0.00
75) Chrysene-d12	14.02	240	251715	20.00	ng	0.00
86) Perylene-d12	15.48	264	203820	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	543728	85.94	ng	0.00
7) Phenol-d6	6.49	99	655730	84.01	ng	0.00
23) Nitrobenzene-d5	7.42	82	540548	81.83	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	139032	86.73	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1009409	86.02	ng	0.00
78) Terphenyl-d14	12.96	244	972711	87.88	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.63	88	119717	39.61	ng	95
3) Pyridine	3.40	79	311343	38.08	ng	92
4) n-Nitrosodimethylamine	3.36	42	119642	34.51	ng	83
6) Aniline	6.52	93	428386	40.67	ng	97
8) 2-Chlorophenol	6.64	128	304555	42.51	ng	94
9) Benzaldehyde	6.41	77	162808	35.96	ng	93
10) Phenol	6.50	94	385778	44.20	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	275233	40.56	ng	95
12) 1,3-Dichlorobenzene	6.79	146	322320	42.95	ng	98
13) 1,4-Dichlorobenzene	6.87	146	324877	42.55	ng	99
14) 1,2-Dichlorobenzene	7.02	146	303242	42.99	ng	99
15) Benzyl Alcohol	7.00	79	218596	38.18	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	383267	36.25	ng	96
17) 2-Methylphenol	7.10	107	243744	41.58	ng	97
18) Hexachloroethane	7.36	117	110647	40.32	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	183601	36.84	ng	94
20) 3+4-Methylphenols	7.26	107	290268	39.14	ng	# 87
22) Acetophenone	7.27	105	395013	38.48	ng	# 95
24) Nitrobenzene	7.44	77	297581	39.71	ng	94
25) Isophorone	7.67	82	524732	38.42	ng	99
26) 2-Nitrophenol	7.75	139	169924	47.15	ng	91
27) 2,4-Dimethylphenol	7.79	122	263459	38.71	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	338594	39.78	ng	99
29) 2,4-Dichlorophenol	7.99	162	247666	42.39	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	253344	43.35	ng	98
31) Naphthalene	8.16	128	826885	41.56	ng	100
32) Benzoic acid	7.92	122	181021	32.38	ng	96
33) 4-Chloroaniline	8.21	127	349554	42.07	ng	95
34) Hexachlorobutadiene	8.27	225	129487	43.02	ng	98
35) Caprolactam	8.59	113	78250	41.75	ng	89
36) 4-Chloro-3-methylphenol	8.69	107	266118	40.52	ng	97
37) 2-Methylnaphthalene	8.85	142	540606	41.80	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	248374	42.51	ng	98
40) Hexachlorocyclopentadiene	9.00	237	106463	39.87	ng	96

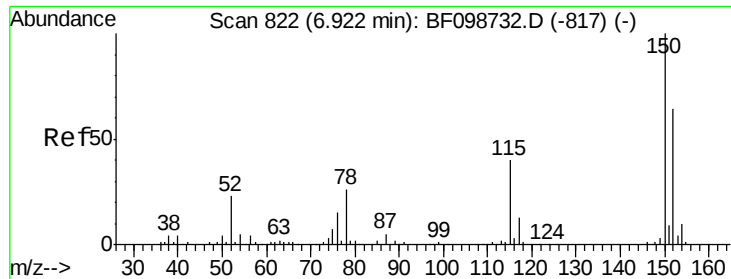
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099349.D
 Acq On : 11 Oct 2017 17:15
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:48:13 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	167582	40.49	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	171324	41.47	nq	94
45) 1,1'-Biphenyl	9.31	154	704779	41.86	nq	100
46) 2-Chloronaphthalene	9.34	162	532099	42.09	nq	97
47) 2-Nitroaniline	9.44	65	152278	39.34	nq	# 84
48) Acenaphthylene	9.75	152	810835	41.90	nq	99
49) Dimethylphthalate	9.61	163	624126	42.21	nq	100
50) 2,6-Dinitrotoluene	9.68	165	142556	44.29	nq	# 79
51) Acenaphthene	9.93	154	471945	38.50	nq	99
52) 3-Nitroaniline	9.85	138	164707	43.88	nq	90
53) 2,4-Dinitrophenol	9.96	184	53520	35.44	nq	99
54) Dibenzofuran	10.10	168	674584	41.33	nq	98
55) 4-Nitrophenol	10.01	139	109110	34.38	nq	85
56) 2,4-Dinitrotoluene	10.09	165	183287	43.87	nq	87
57) Fluorene	10.44	166	554884	42.30	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	115676	40.53	nq	96
59) Diethylphthalate	10.31	149	586389	40.59	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	248767	42.21	nq	96
61) 4-Nitroaniline	10.47	138	165314	45.65	nq	84
62) Azobenzene	10.59	77	500471	37.67	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	95158	44.26	nq	89
65) n-Nitrosodiphenylamine	10.55	169	495751	40.49	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	145155	41.96	nq	97
67) Hexachlorobenzene	10.99	284	155649	42.13	nq	98
68) Atrazine	11.07	200	151803	41.21	nq	99
69) Pentachlorophenol	11.18	266	79147	34.42	nq	98
70) Phenanthrene	11.40	178	779959	41.23	nq	99
71) Anthracene	11.46	178	798577	41.26	nq	99
72) Carbazole	11.61	167	786451	41.49	nq	99
73) Di-n-butylphthalate	11.93	149	918147	40.25	nq	99
74) Fluoranthene	12.59	202	792010	41.35	nq	97
76) Benzidine	12.71	184	387096	41.58	nq	99
77) Pyrene	12.82	202	818518	42.64	nq	99
79) Butylbenzylphthalate	13.43	149	381908	42.34	nq	93
80) Benzo(a)anthracene	14.01	228	647151	42.46	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	232129	41.54	nq	97
82) Chrysene	14.04	228	619351	42.68	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	511891	41.21	nq	99
84) Di-n-octyl phthalate	14.59	149	823867	41.19	nq	96
85) Indeno(1,2,3-cd)pyrene	16.97	276	477500	41.14	nq	97
87) Benzo(b)fluoranthene	15.06	252	535602	42.74	nq	99
88) Benzo(k)fluoranthene	15.09	252	510371	41.23	nq	99
89) Benzo(a)pyrene	15.42	252	484573	42.13	nq	# 97
90) Dibenzo(a,h)anthracene	16.98	278	387049	42.04	nq	98
91) Benzo(g,h,i)perylene	17.42	276	397590	43.69	nq	97

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

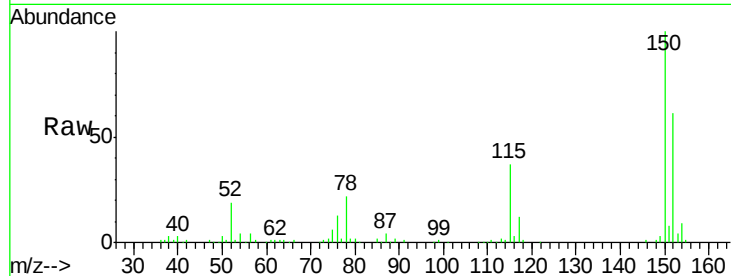


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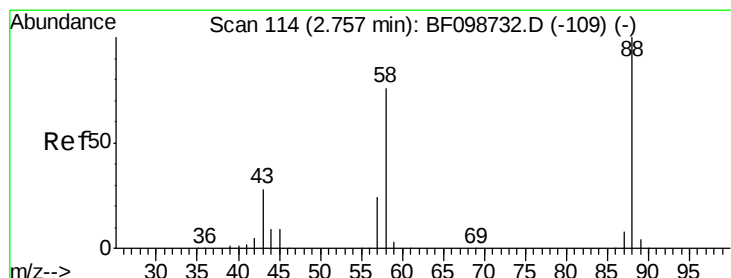
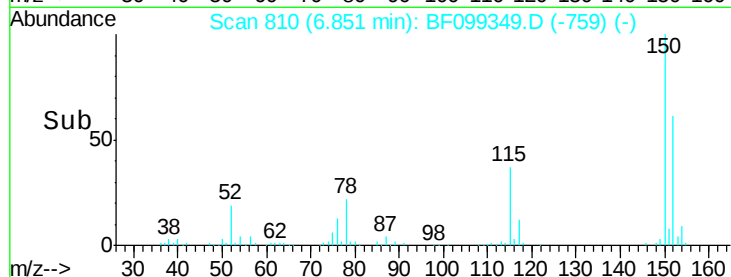
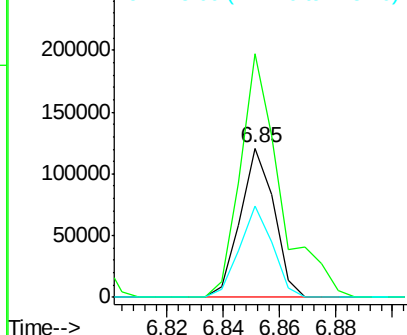
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 100719
Ion Ratio Lower Upper
152 100
150 163.4 124.6 186.8
115 60.9 50.1 75.1



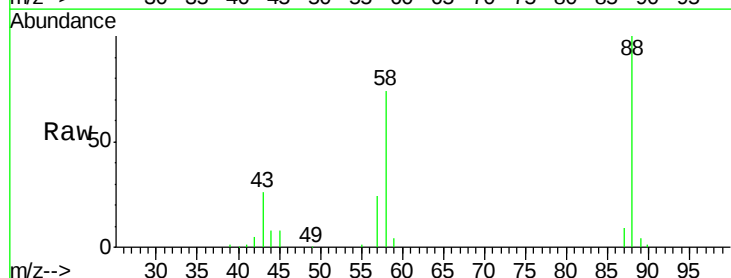
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



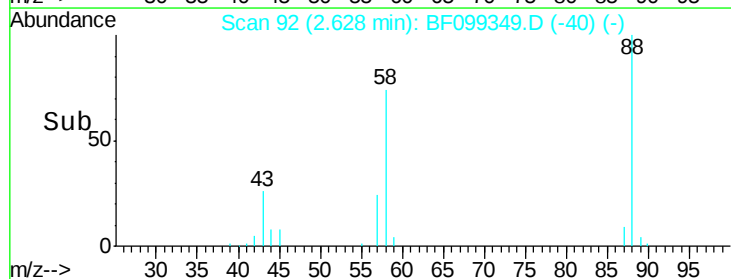
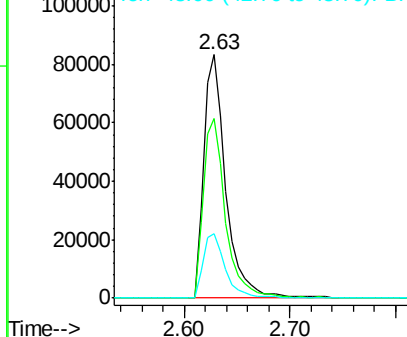
#2

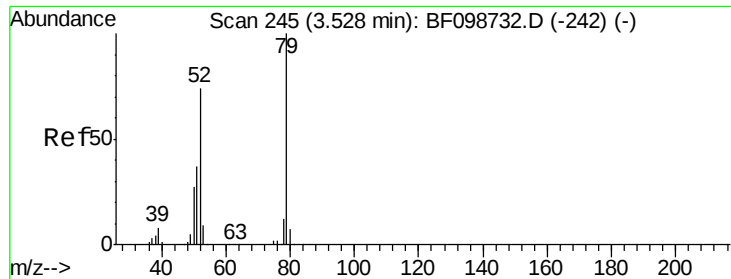
1,4-Dioxane
Concen: 39.61 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion: 88 Resp: 119717
Ion Ratio Lower Upper
88 100
58 74.6 62.6 93.8
43 26.7 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

Pvrirdine

Concen: 38.08 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.01 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

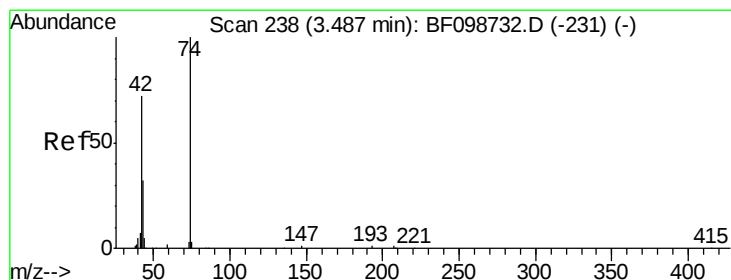
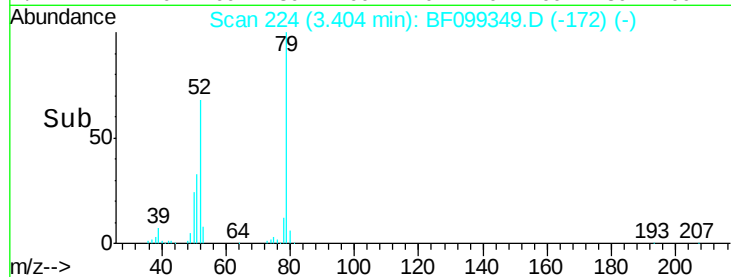
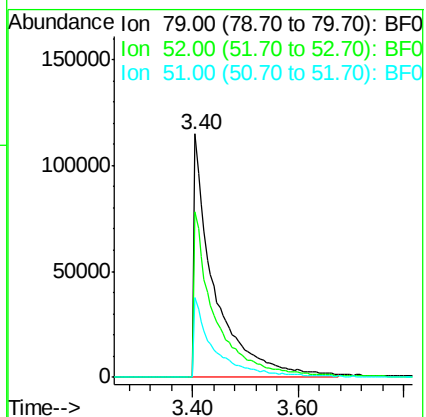
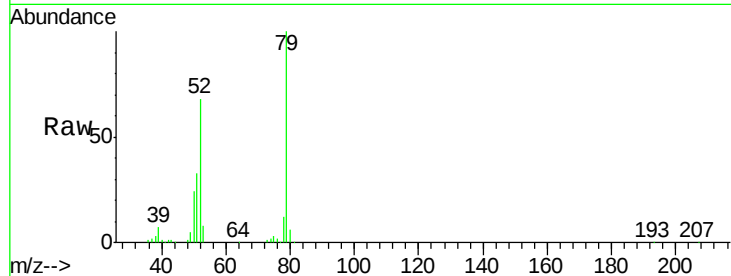
Tot Ion: 79 Resp: 311343

Ion Ratio Lower Upper

79 100

52 68.1 59.8 89.6

51 32.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.51 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

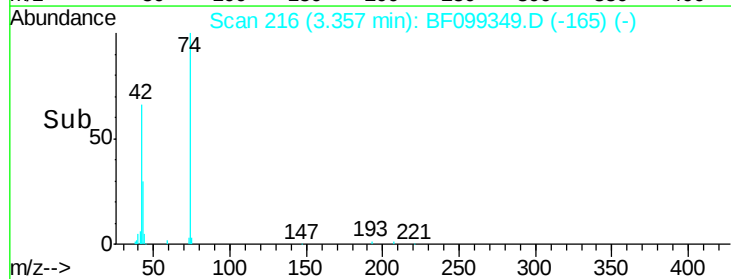
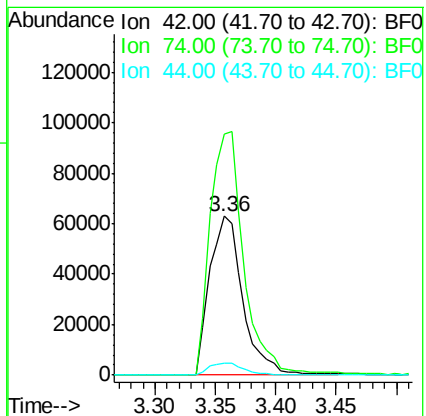
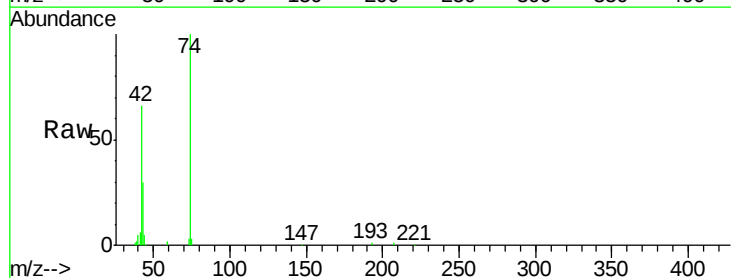
Tgt Ion: 42 Resp: 119642

Ion Ratio Lower Upper

42 100

74 151.8 104.9 157.3

44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 85.94 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF099349.D

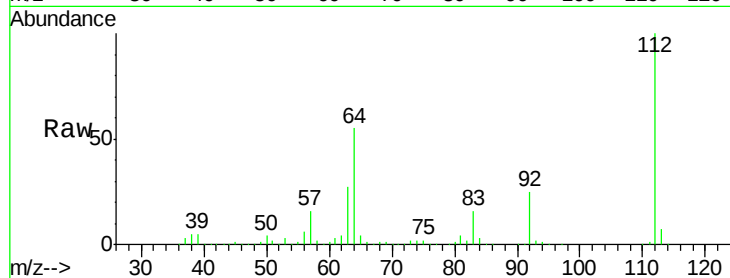
Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampled :

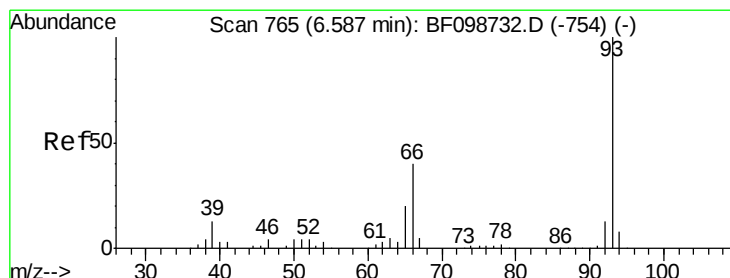
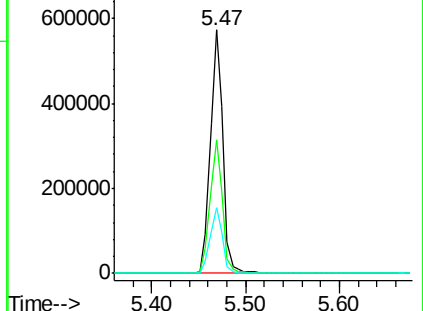
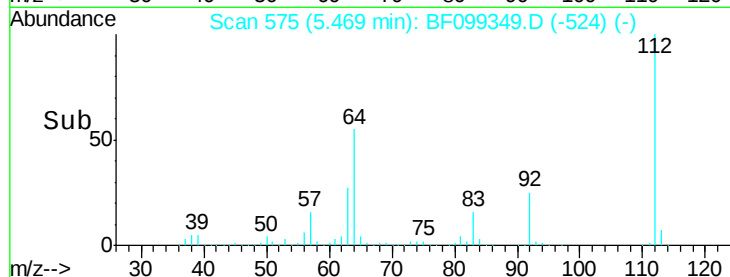
Tot Ion:	112	Resp:	543728
Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	27.1	23.7	35.5



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: 40.67 ng

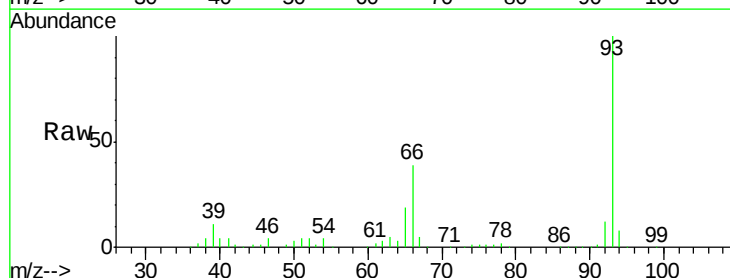
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

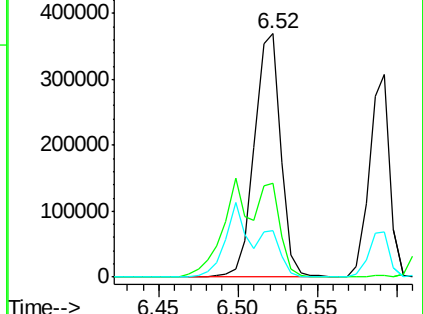
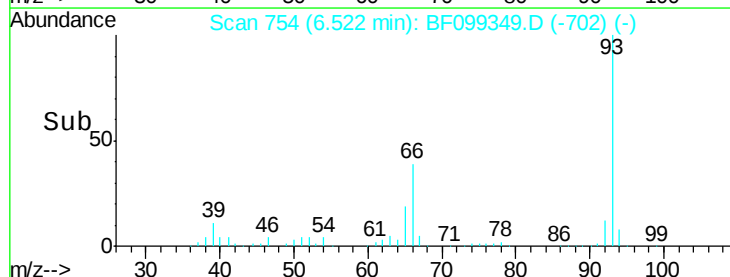
Tgt Ion:	93	Resp:	428386
Ion	Ratio	Lower	Upper
93	100		
66	38.6	32.2	48.2
65	19.3	16.4	24.6

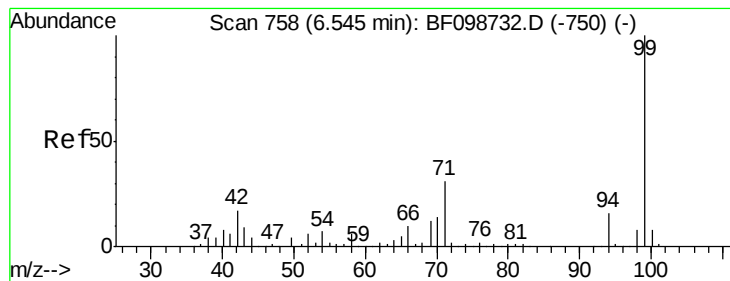


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.01 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

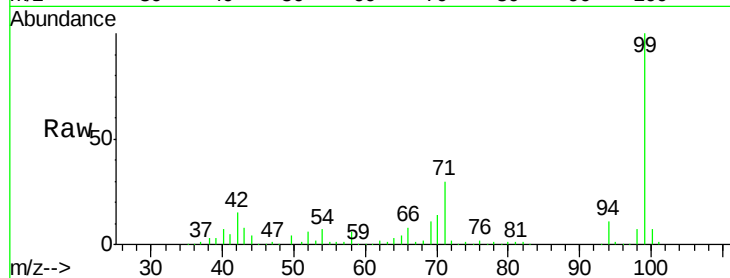
Tot Ion: 99 Resp: 655730

Ion Ratio Lower Upper

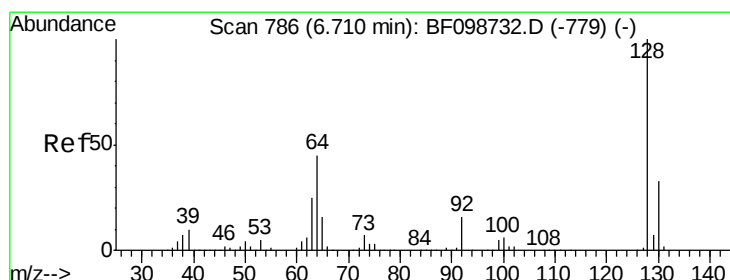
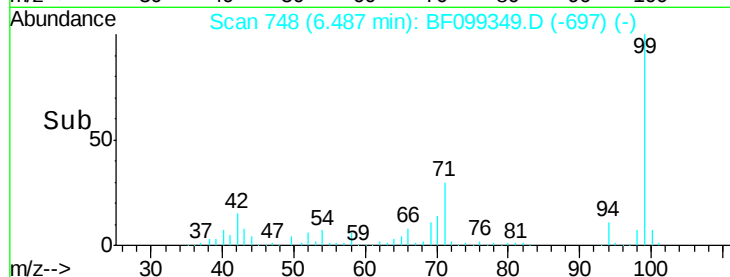
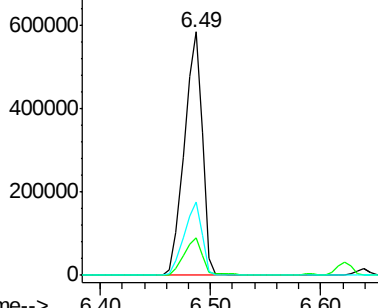
99 100

42 15.2 14.5 21.7

71 30.0 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: 42.51 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

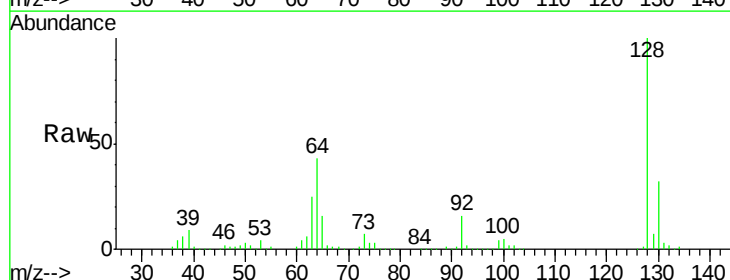
Tgt Ion: 128 Resp: 304555

Ion Ratio Lower Upper

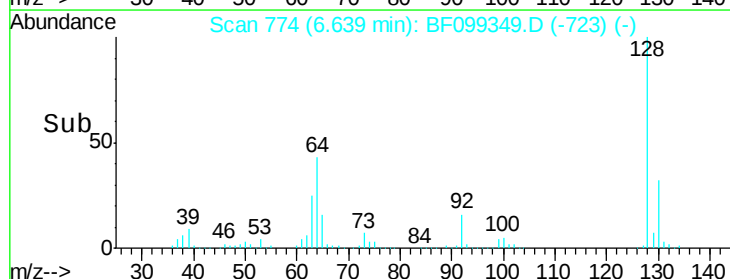
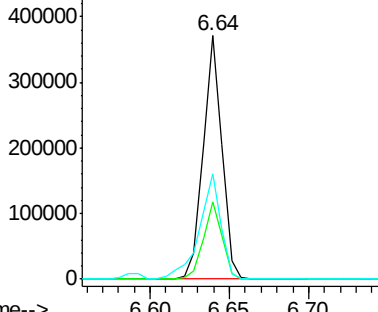
128 100

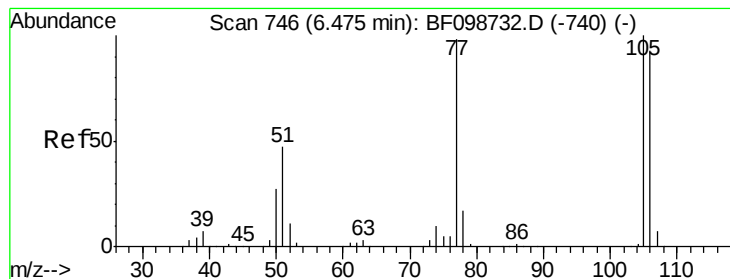
130 31.8 13.0 53.0

64 43.4 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: 35.96 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampled :

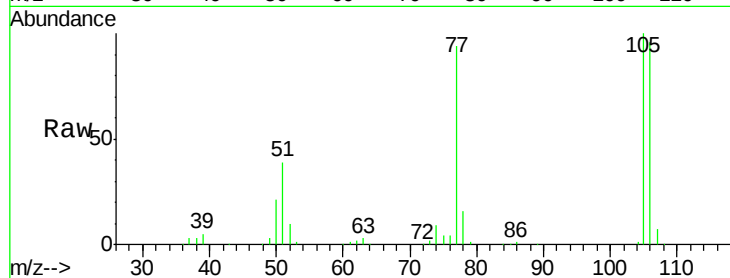
Tot Ion: 77 Resp: 162808

Ion Ratio Lower Upper

77 100

105 106.7 81.1 121.1

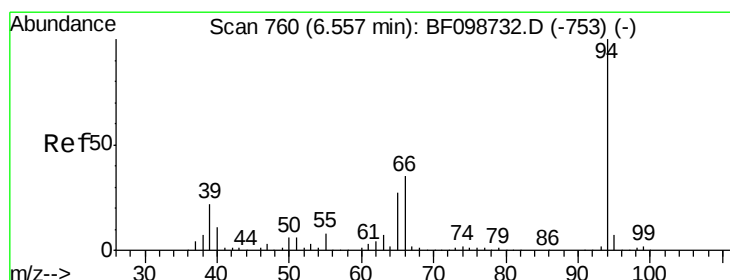
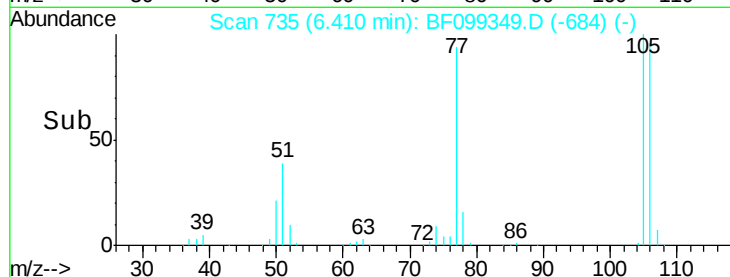
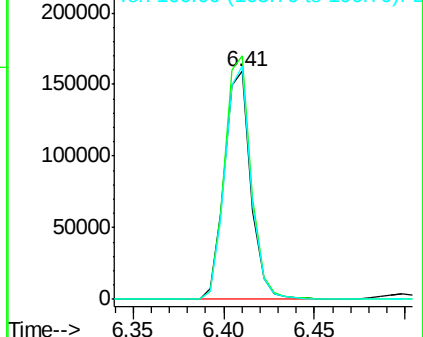
106 102.1 74.5 114.5



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: 44.20 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

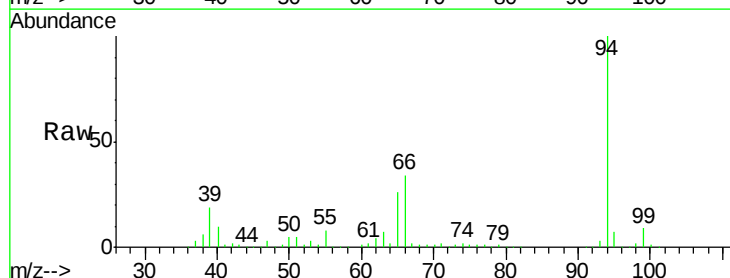
Tgt Ion: 94 Resp: 385778

Ion Ratio Lower Upper

94 100

65 26.1 7.9 47.9

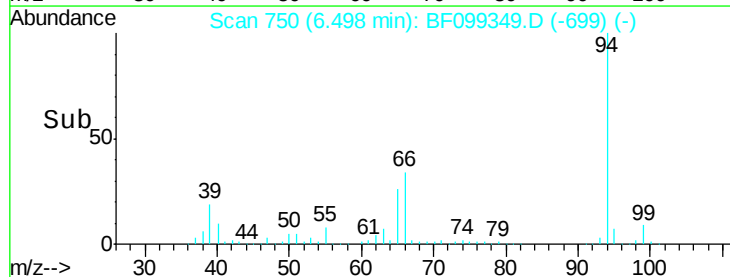
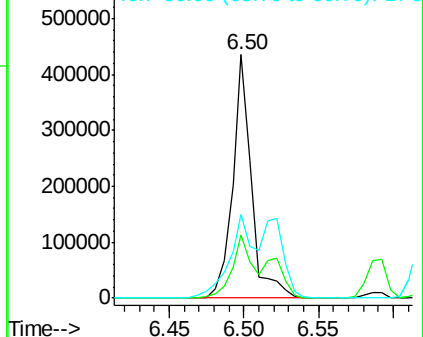
66 34.5 16.2 56.2

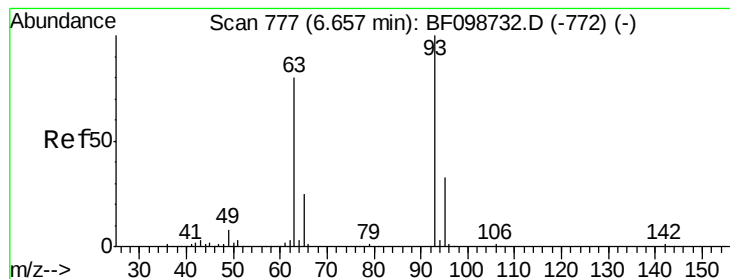


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.56 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

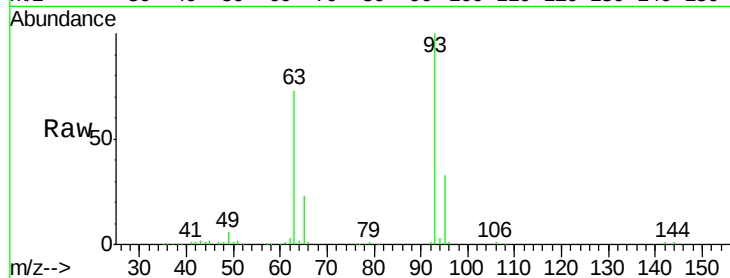
Tot Ion: 93 Resp: 275233

Ion Ratio Lower Upper

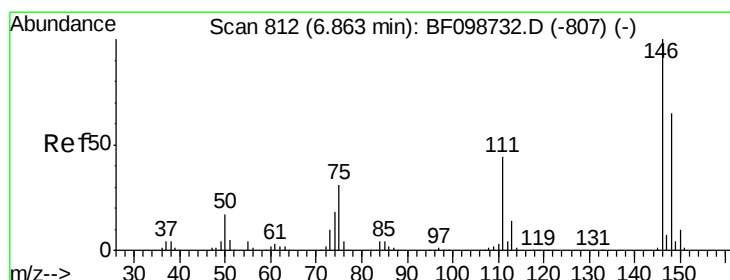
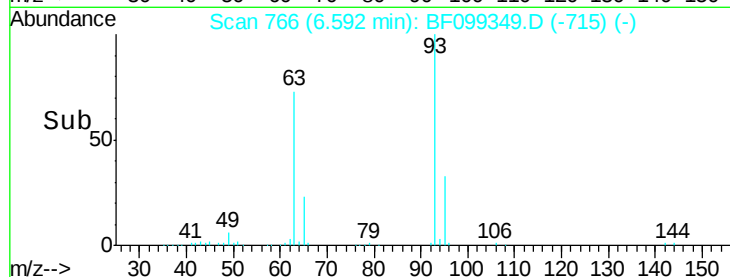
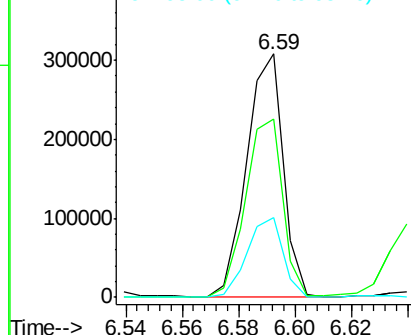
93 100

63 73.5 58.6 98.6

95 33.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.95 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

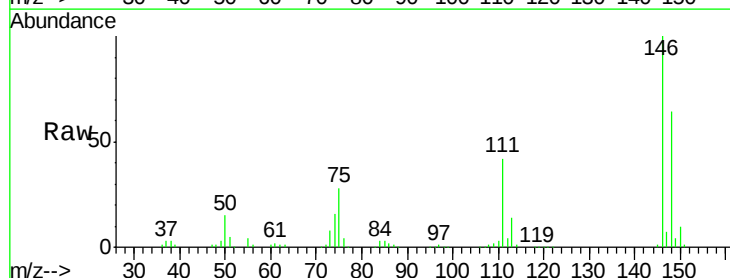
Tgt Ion: 146 Resp: 322320

Ion Ratio Lower Upper

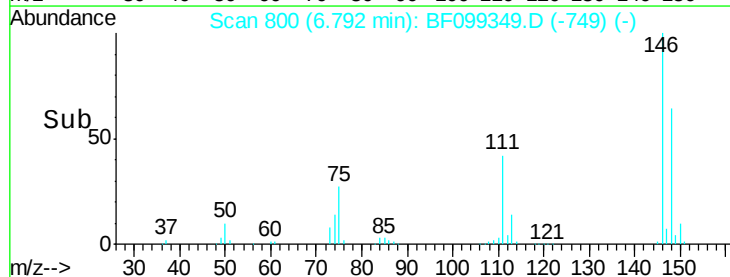
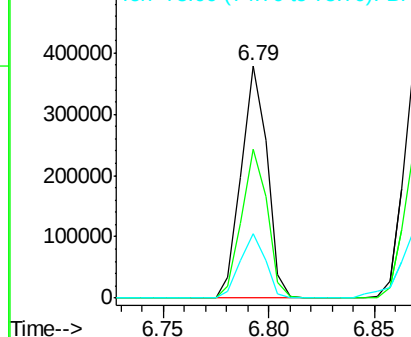
146 100

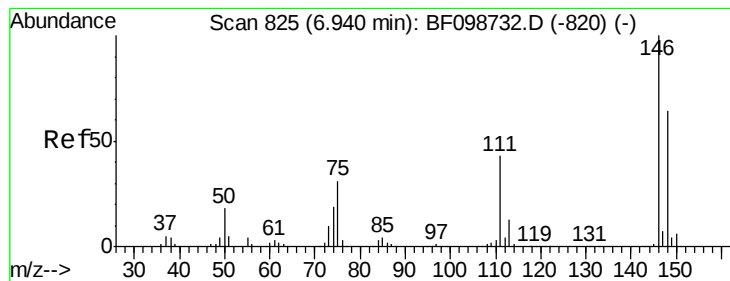
148 64.4 51.8 77.8

75 28.0 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.55 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampled :

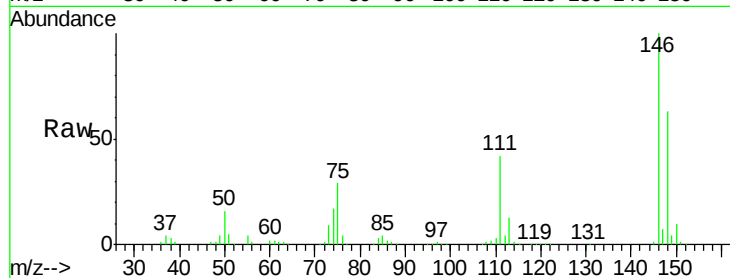
Tot Ion:146 Resp: 324877

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

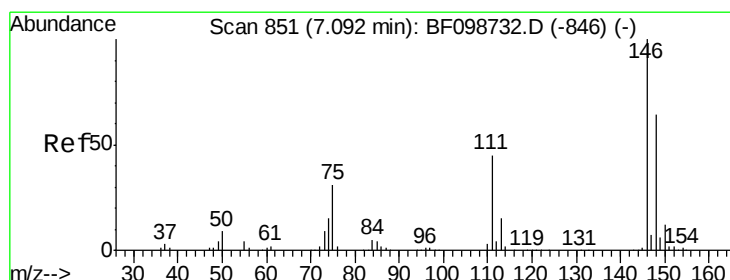
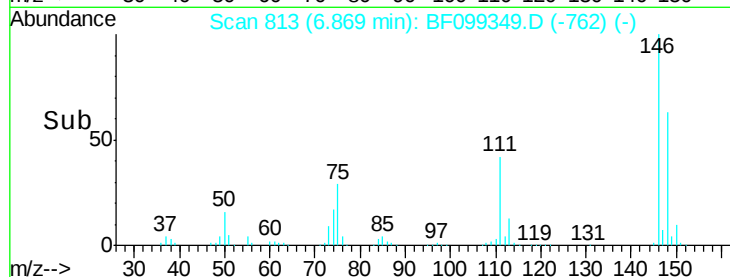
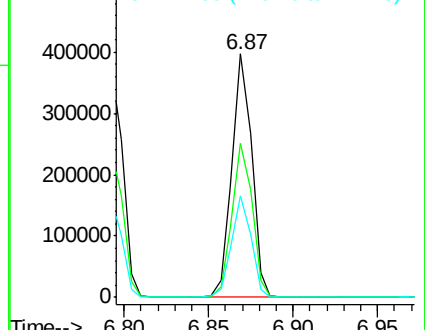
111 41.5 34.2 51.2



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: 42.99 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

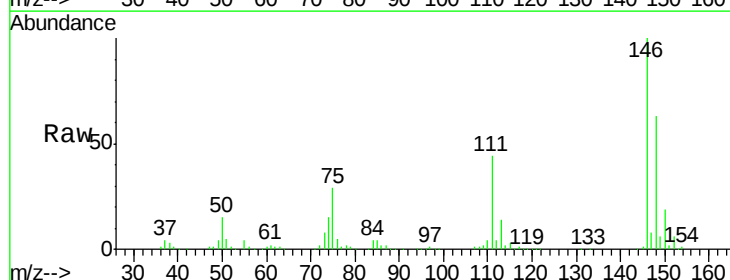
Tgt Ion:146 Resp: 303242

Ion Ratio Lower Upper

146 100

148 63.0 50.6 75.8

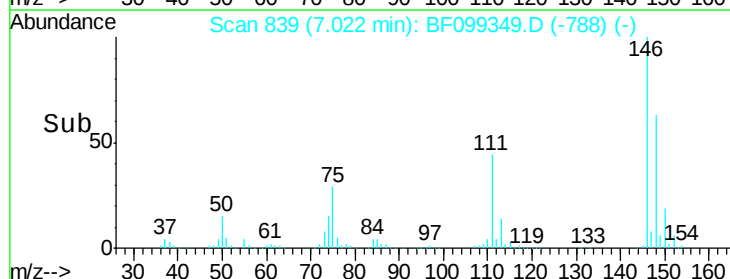
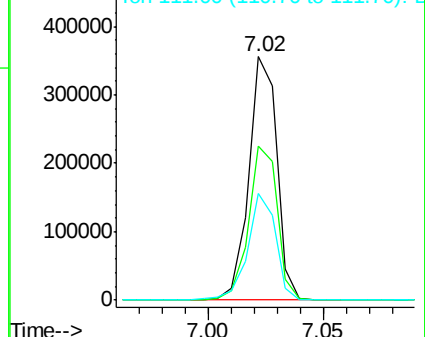
111 43.6 36.0 54.0

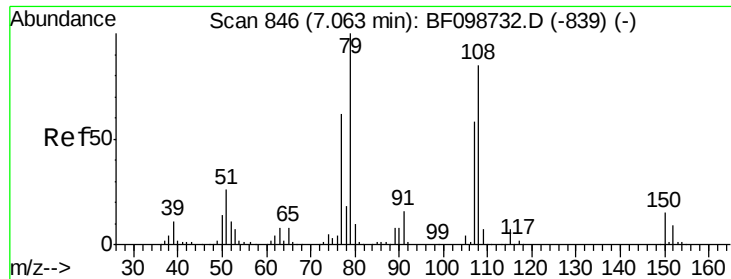


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.18 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :

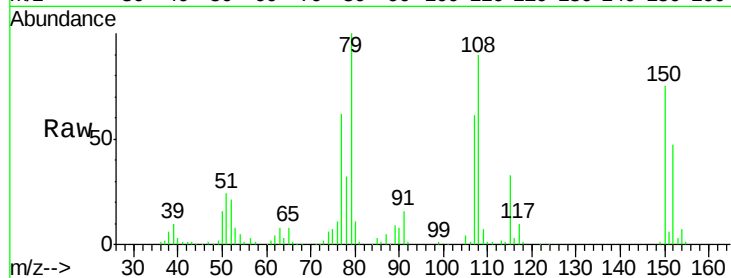
Tot Ion: 79 Resp: 218596

Ion Ratio Lower Upper

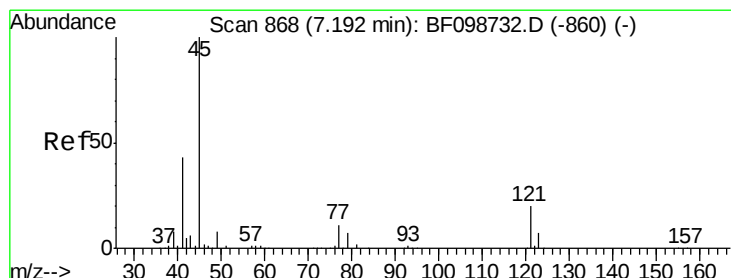
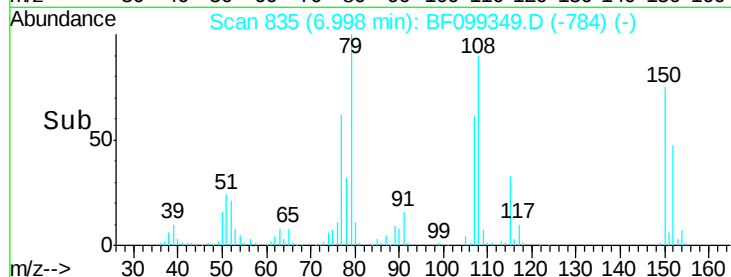
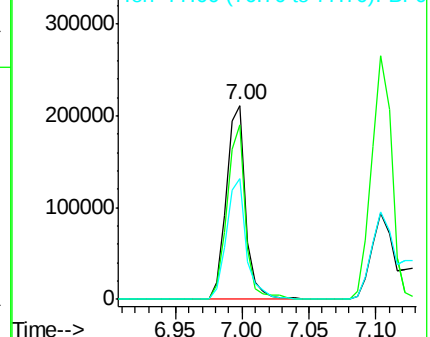
79 100

108 89.9 65.1 97.7

77 62.2 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.25 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

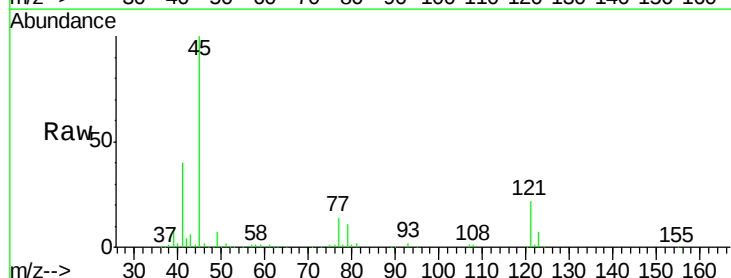
Tgt Ion: 45 Resp: 383267

Ion Ratio Lower Upper

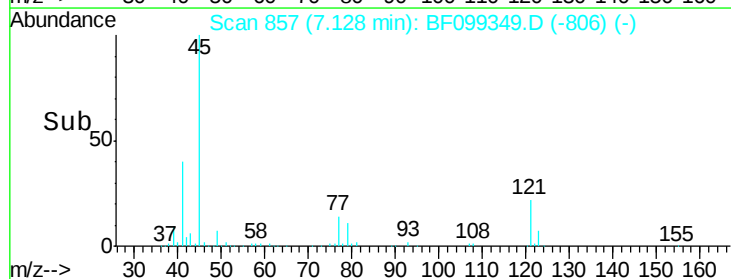
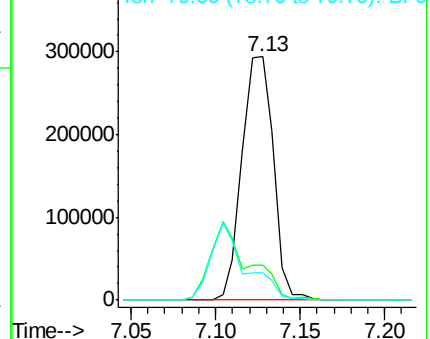
45 100

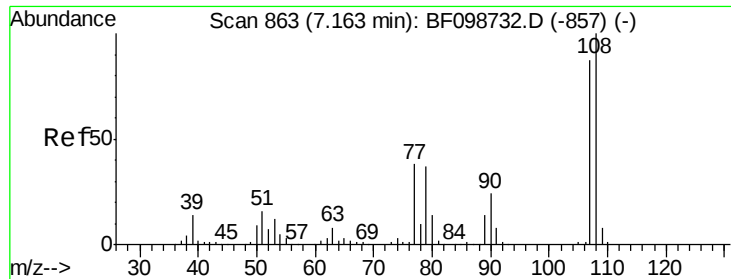
77 14.5 0.0 32.9

79 11.4 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

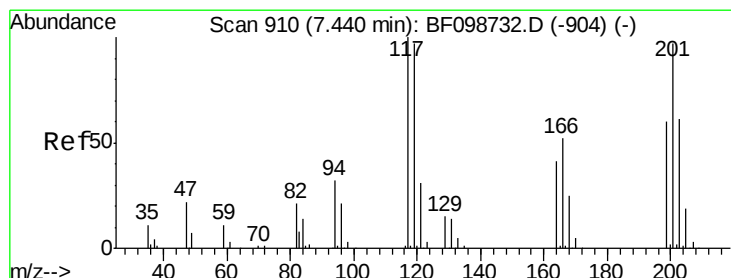
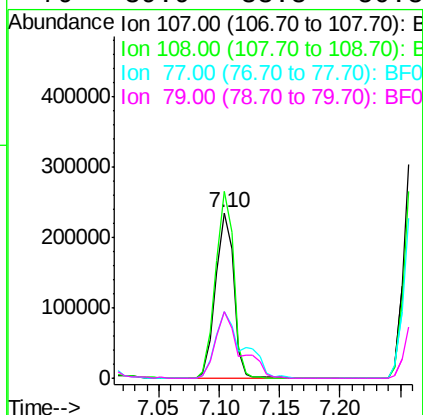
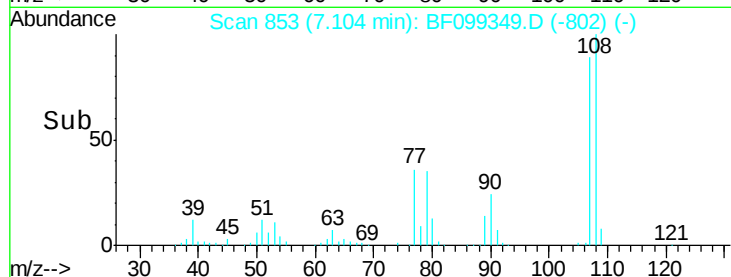
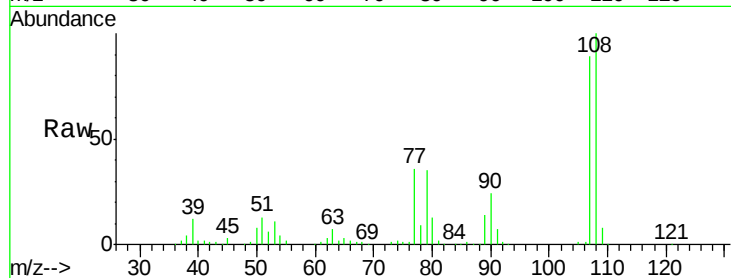




#17
2-Methylphenol
Concen: 41.58 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

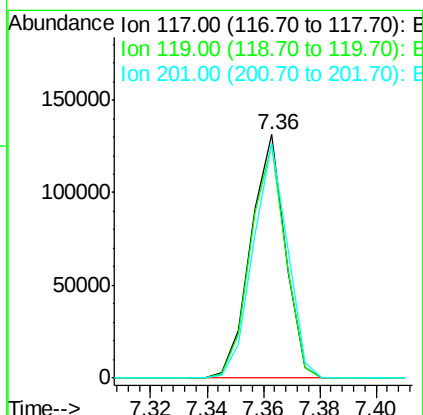
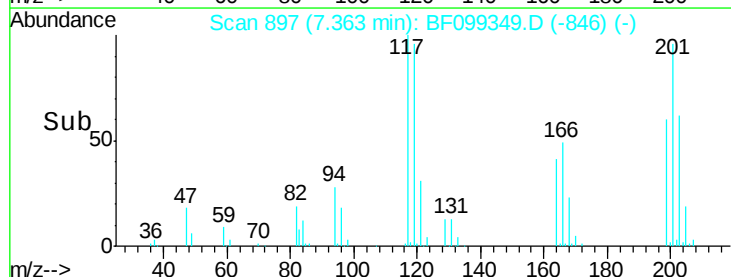
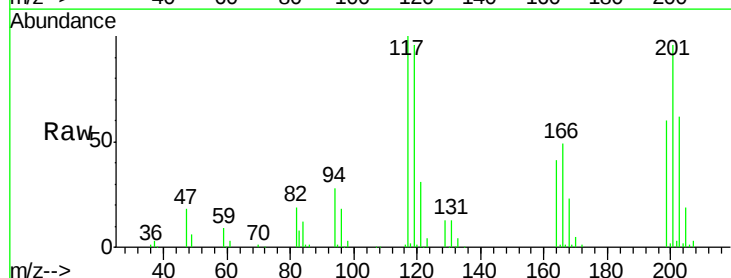
Instrument :
BNA_F
ClientSampleId :

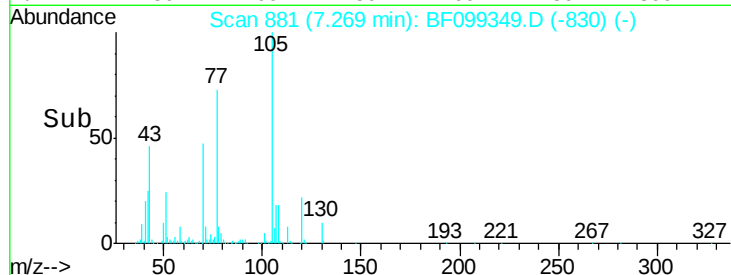
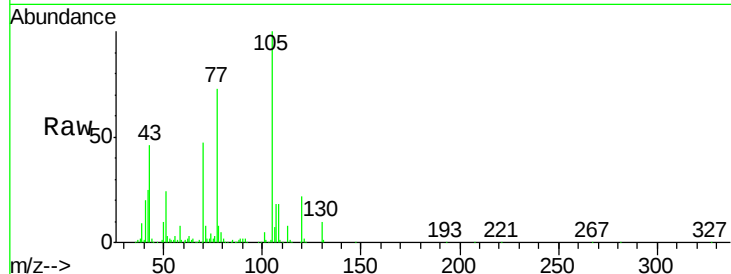
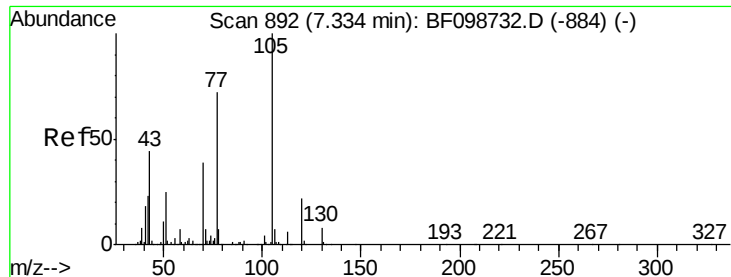
Tot Ion:107 Resp: 243744
Ion Ratio Lower Upper
107 100
108 112.6 91.7 137.5
77 40.3 33.8 50.8
79 39.9 33.8 50.8



#18
Hexachloroethane
Concen: 40.32 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:117 Resp: 110647
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 96.1 75.7 113.5

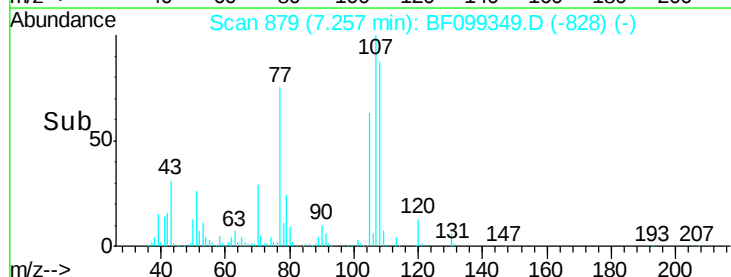
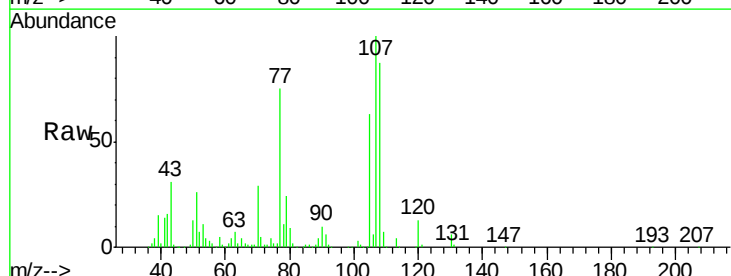
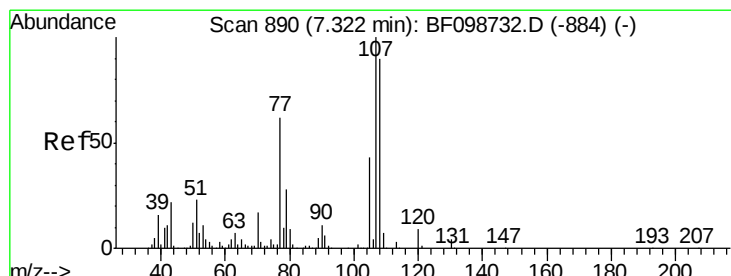
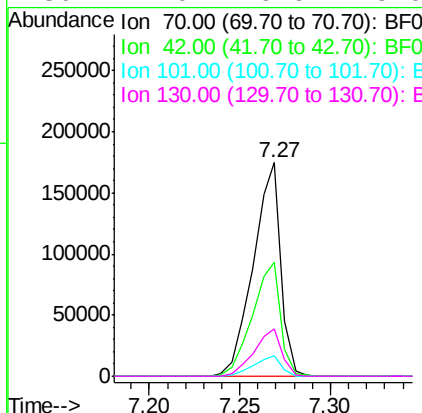




#19
n-Nitroso-di-n-propylamine
Concen: 36.84 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

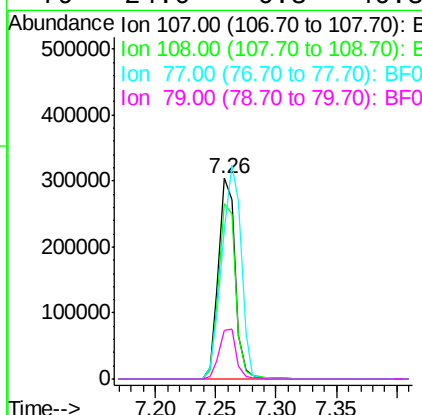
Instrument :
BNA_F
ClientSampleId :

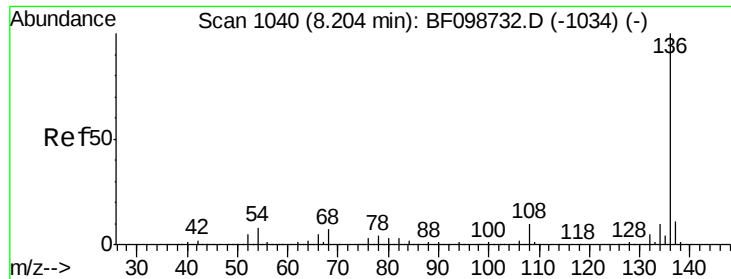
Tot Ion: 70 Resp: 183601
Ion Ratio Lower Upper
70 100
42 53.2 47.5 71.3
101 9.8 7.4 11.2
130 22.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 39.14 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:107 Resp: 290268
Ion Ratio Lower Upper
107 100
108 87.4 68.2 108.2
77 74.7 26.7 66.7#
79 24.0 6.3 46.3

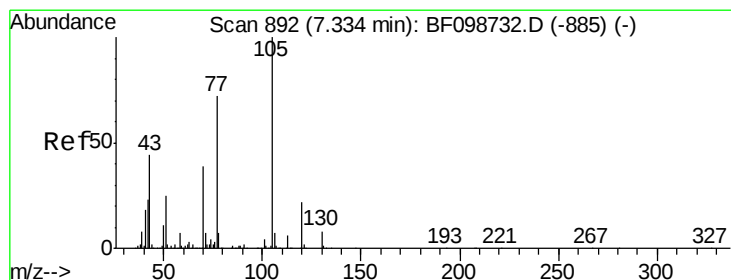
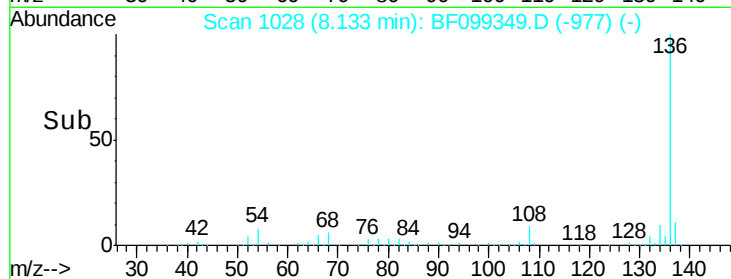
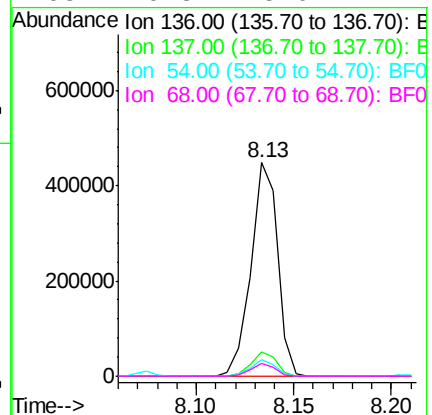
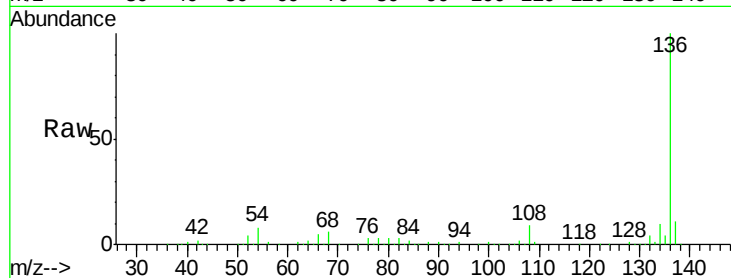




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

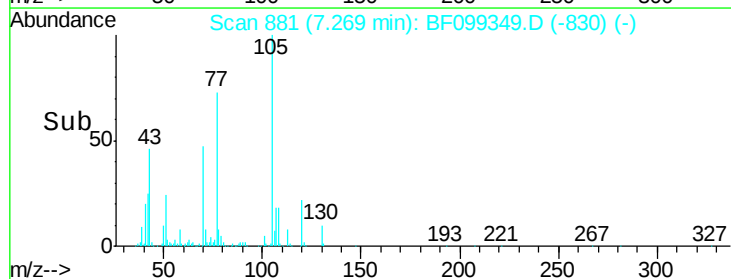
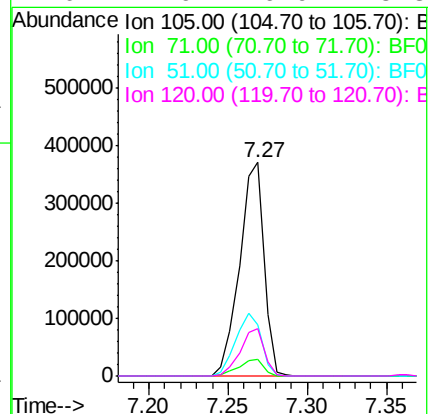
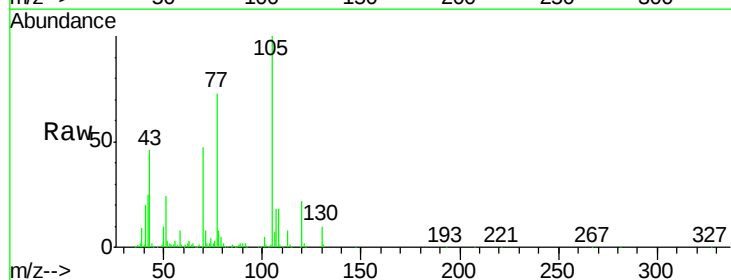
Instrument :
BNA_F
ClientSampleId :

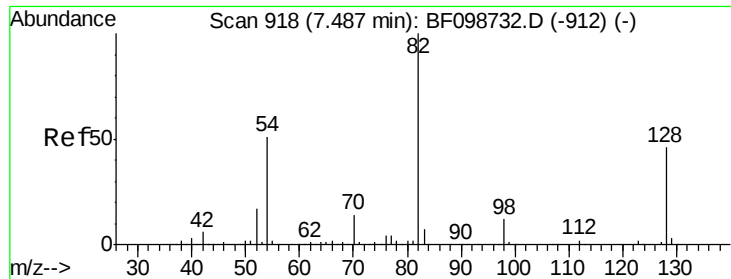
Tot Ion:136	Resp:	423643
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.7	6.6 9.8
68	6.3	5.0 7.4



#22
Acetophenone
Concen: 38.48 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:105	Resp:	395013
Ion Ratio	Lower	Upper
105	100	
71	7.8	4.4 6.6#
51	23.8	22.3 33.5
120	21.9	16.9 25.3

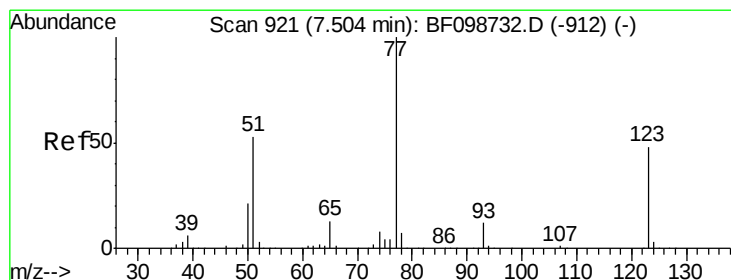
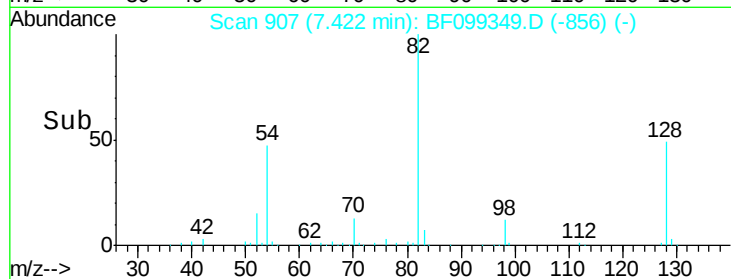
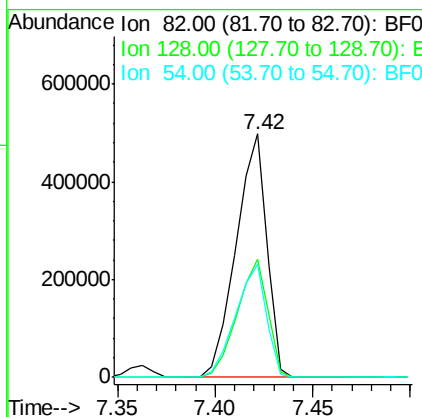
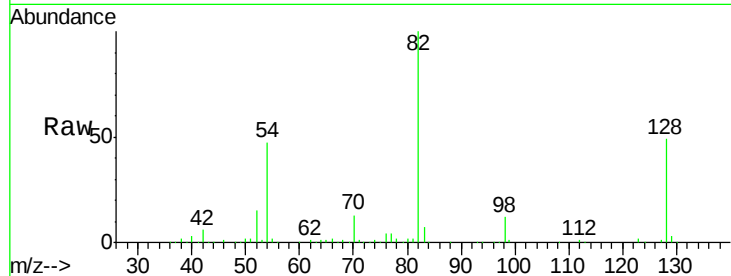




#23
 Nitrobenzene-d5
 Concen: 81.83 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

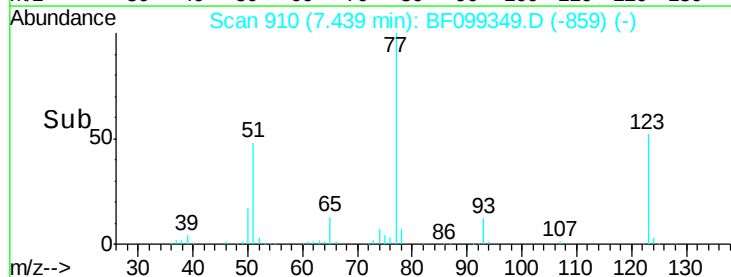
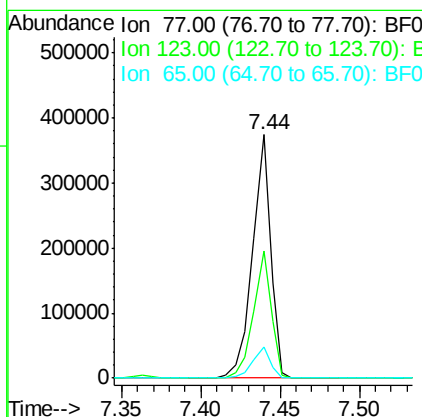
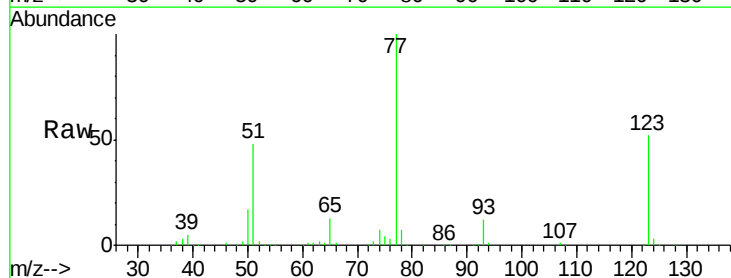
Instrument :
 BNA_F
 ClientSampleId :

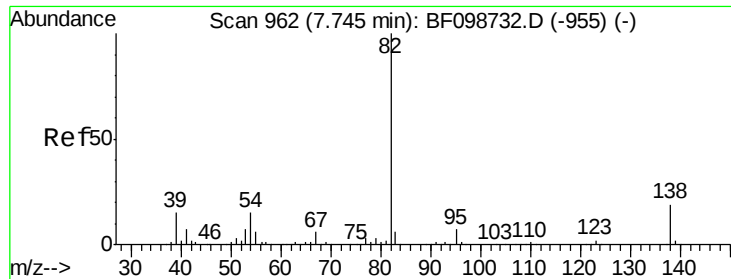
Tot Ion: 82 Resp: 540548
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.1 54.1
 54 46.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.71 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Tgt Ion: 77 Resp: 297581
 Ion Ratio Lower Upper
 77 100
 123 52.2 37.9 56.9
 65 12.9 11.0 16.4





#25

Isophorone

Concen: 38.42 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

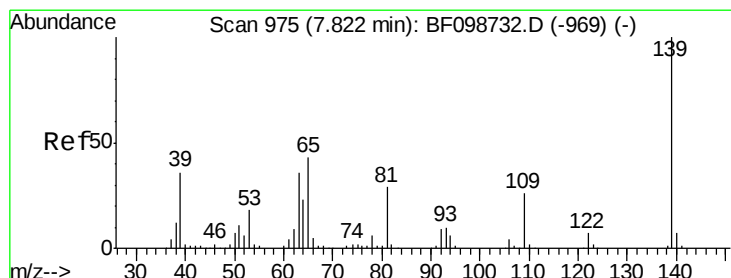
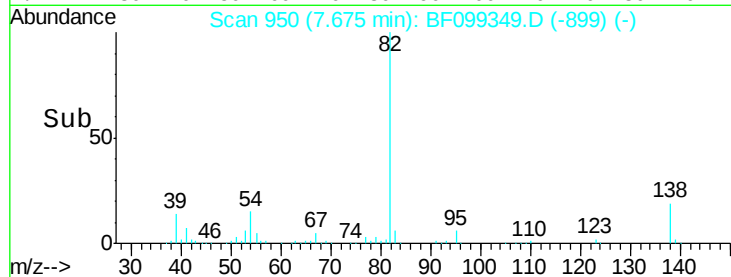
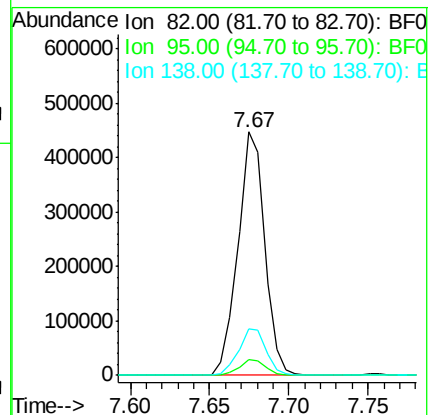
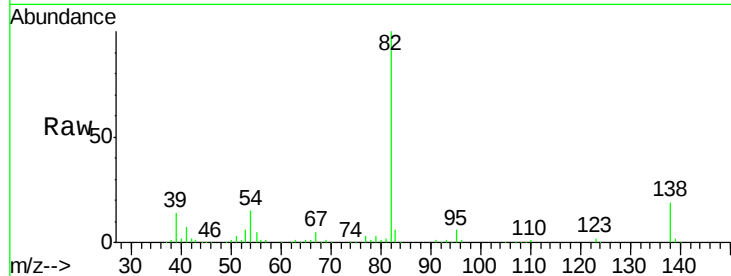
Tot Ion: 82 Resp: 524732

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 47.15 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

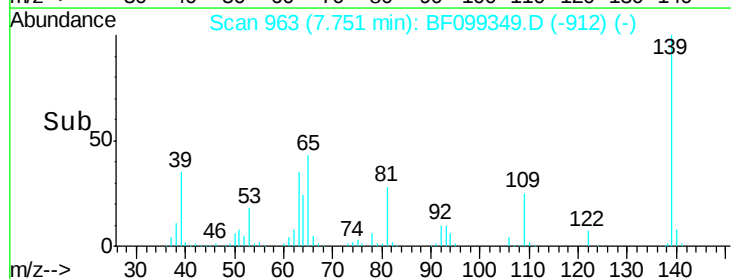
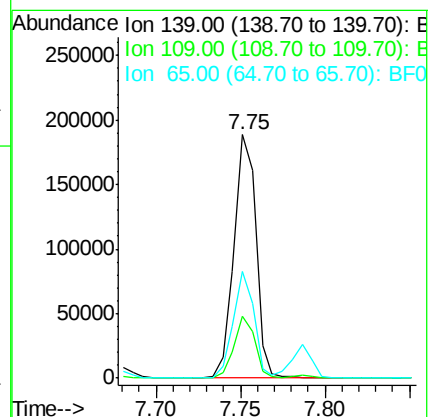
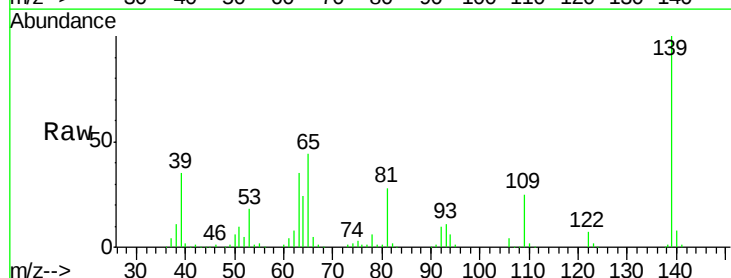
Tgt Ion: 139 Resp: 169924

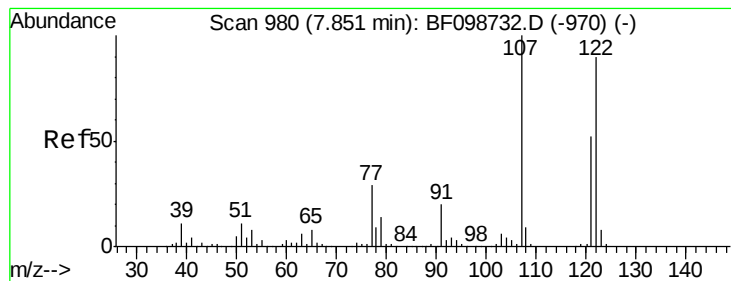
Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

65 43.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.71 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampled :

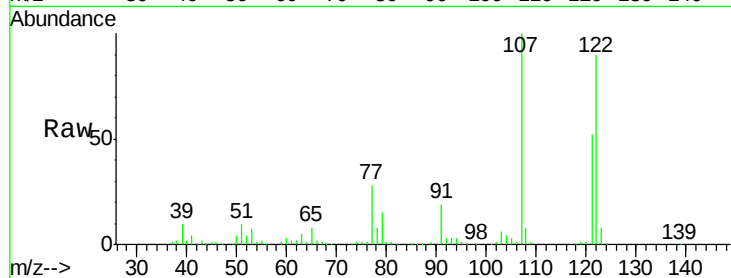
Tot Ion:122 Resp: 263459

Ion Ratio Lower Upper

122 100

107 111.2 91.2 136.8

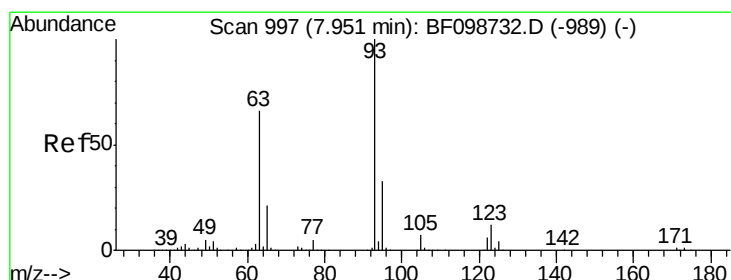
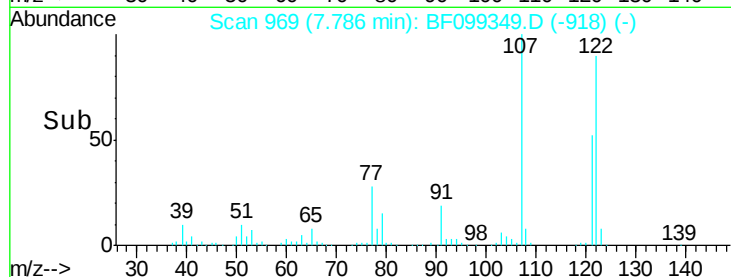
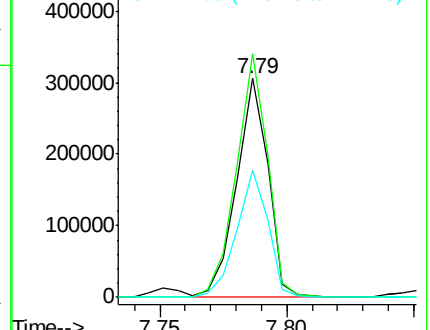
121 57.9 47.2 70.8



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: 39.78 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

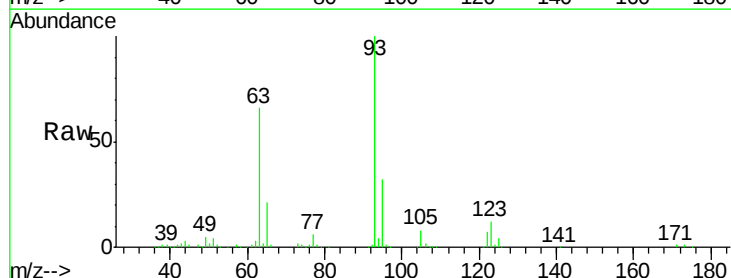
Tgt Ion: 93 Resp: 338594

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

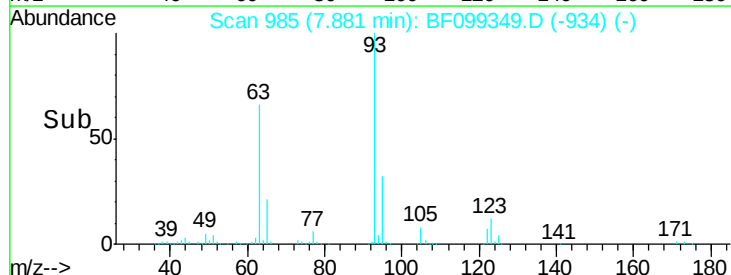
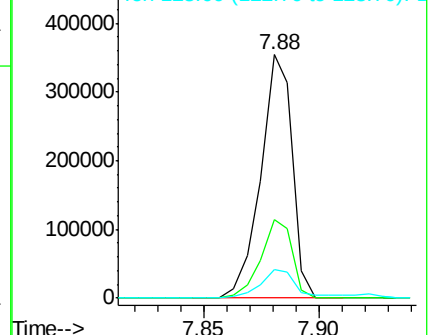
123 11.7 9.8 14.6

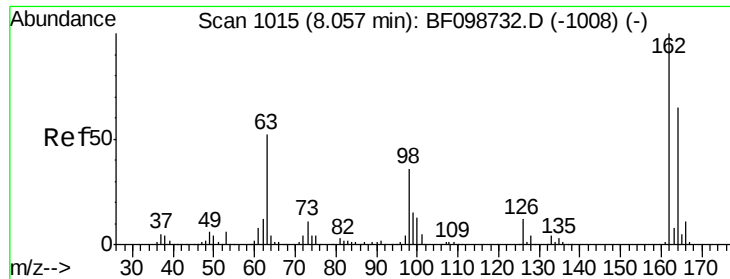


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

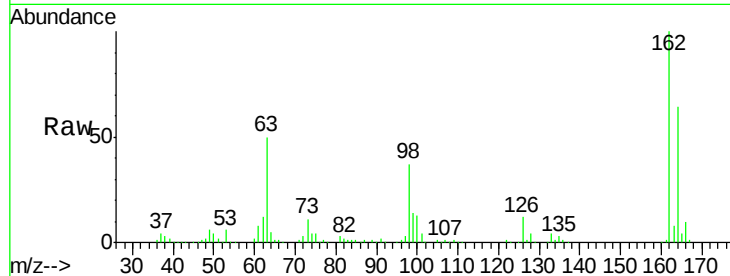




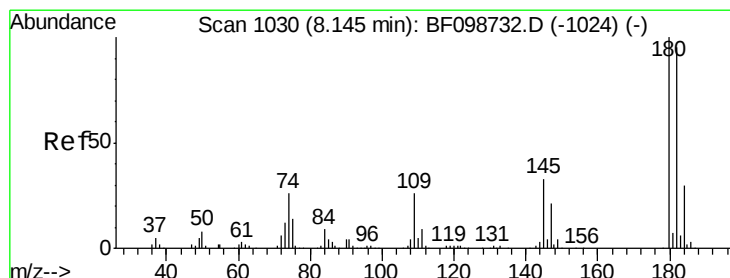
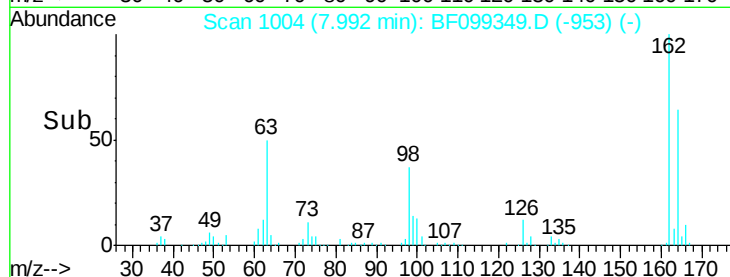
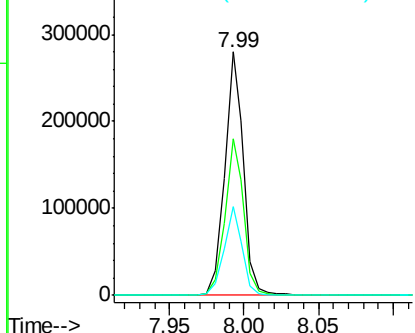
#29
 2,4-Dichlorophenol
 Concen: 42.39 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	36.6	18.1	58.1

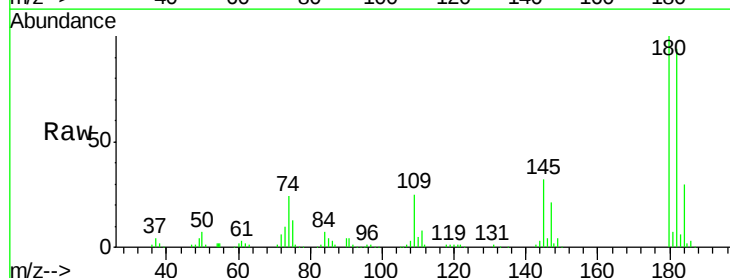


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

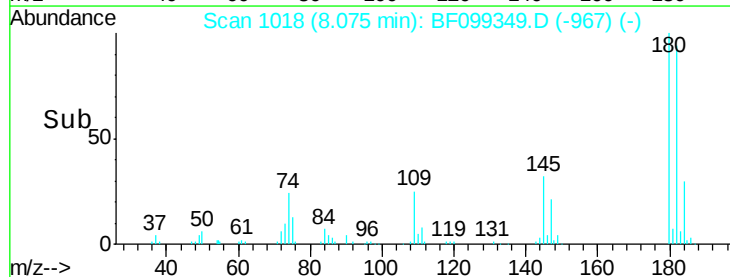
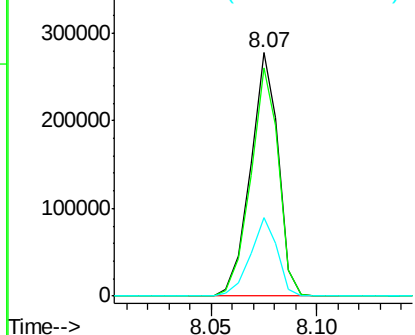


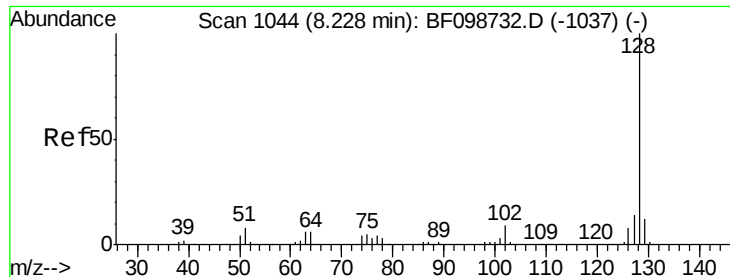
#30
 1,2,4-Trichlorobenzene
 Concen: 43.35 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.8	115.2
145	32.3	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

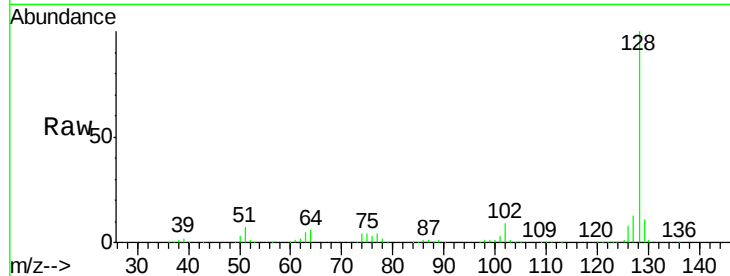




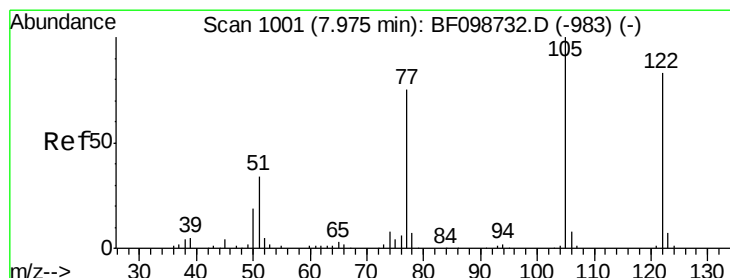
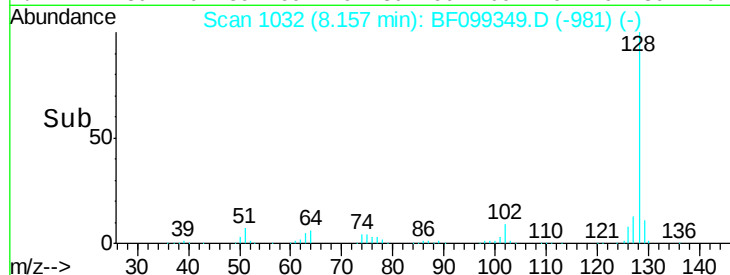
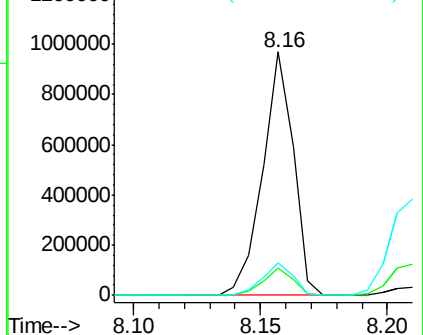
#31
Naphthalene
Concen: 41.56 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 826885
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.9 16.3

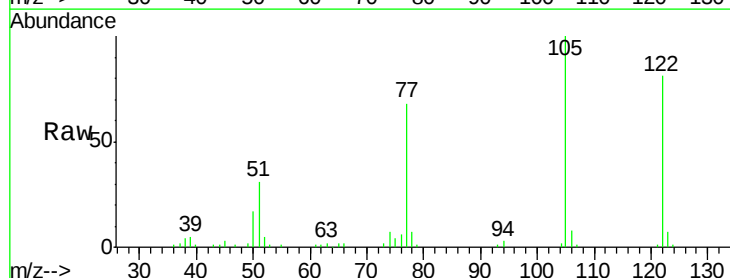


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

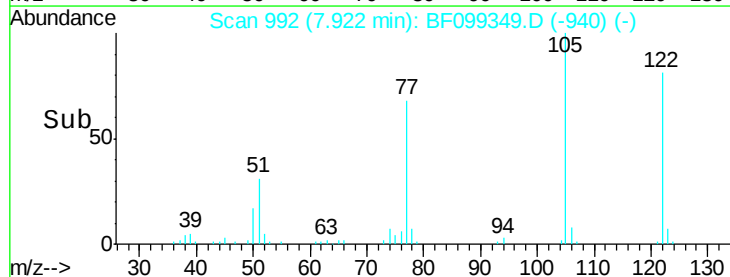
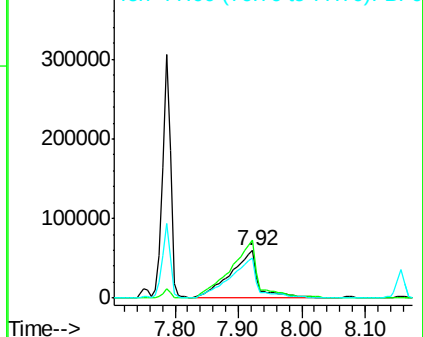


#32
Benzoic acid
Concen: 32.38 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:122 Resp: 181021
Ion Ratio Lower Upper
122 100
105 123.3 101.1 141.1
77 84.4 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

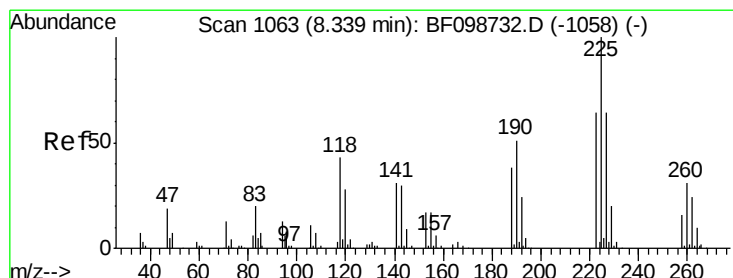
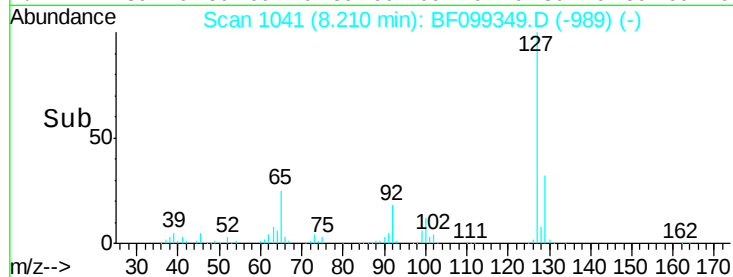
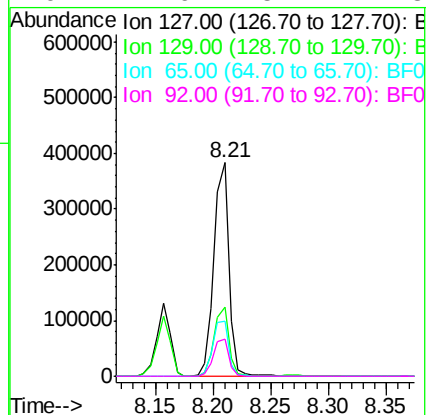
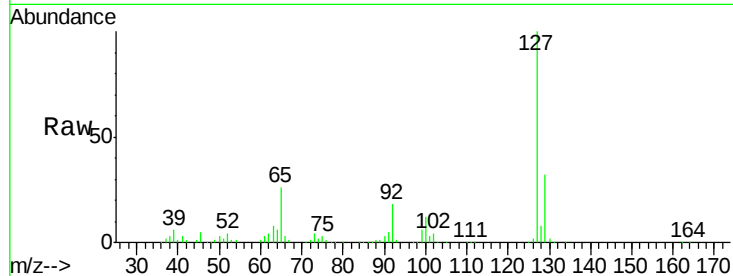




#33
4-Chloroaniline
Concen: 42.07 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

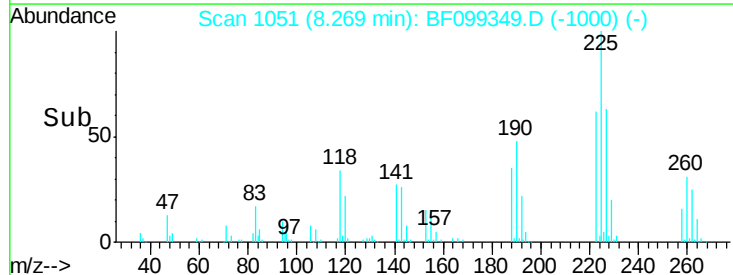
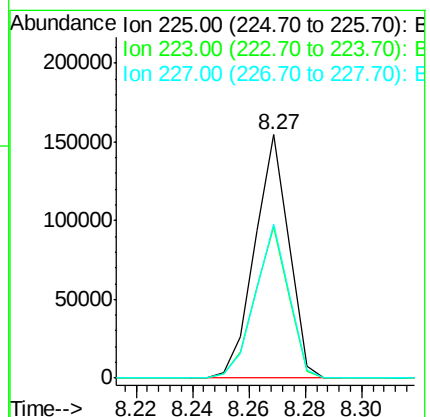
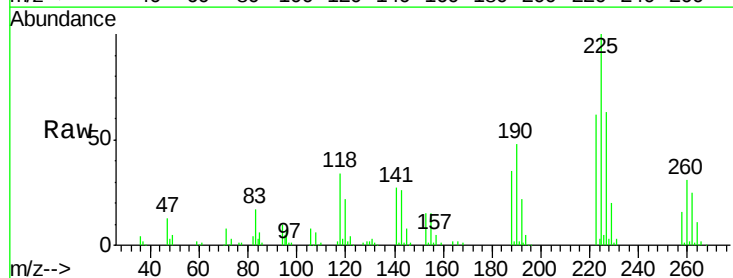
Instrument :
BNA_F
ClientSampled :

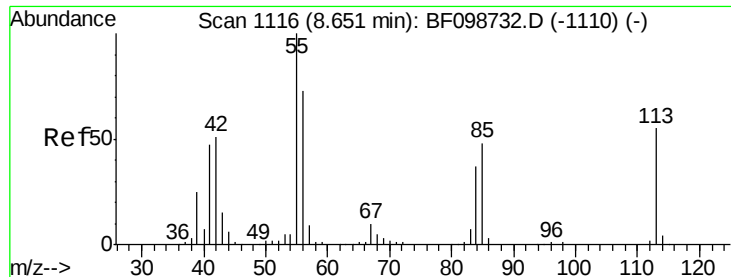
Tot Ion:	127	Resp:	349554
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	25.6	25.0	37.4
92	17.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.02 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:	225	Resp:	129487
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	63.2	51.9	77.9





#35

Caprolactam

Concen: 41.75 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

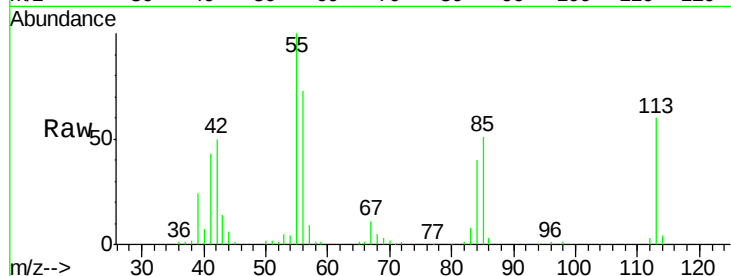
Tot Ion:113 Resp: 78250

Ion Ratio Lower Upper

113 100

55 167.0 163.3 203.3

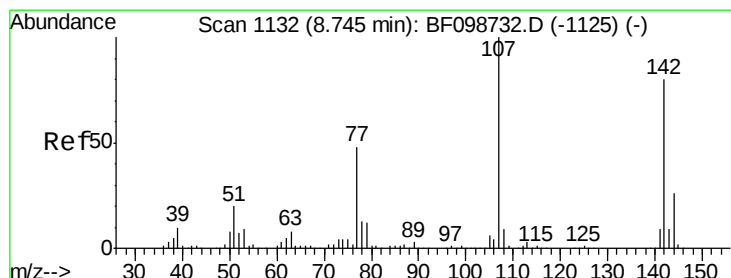
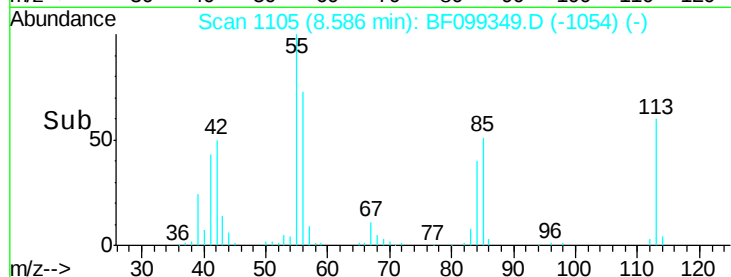
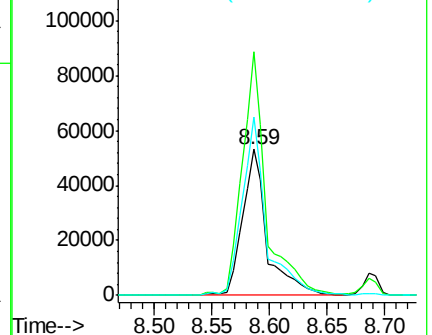
56 122.4 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.52 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

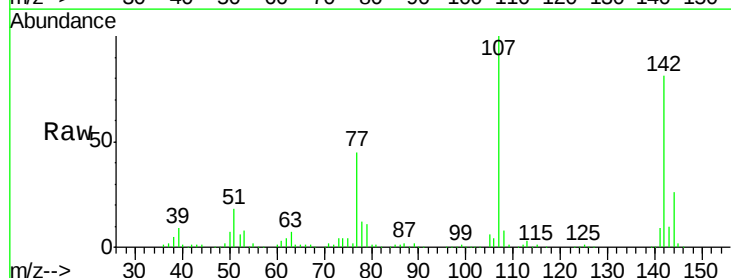
Tgt Ion:107 Resp: 266118

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

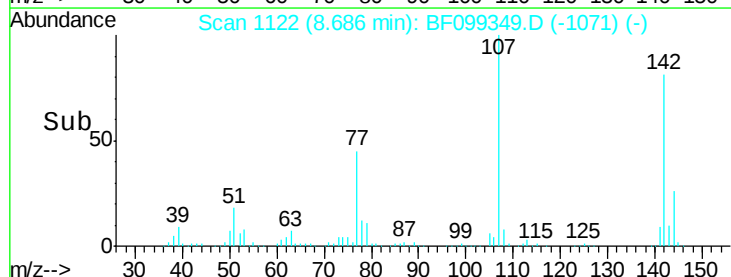
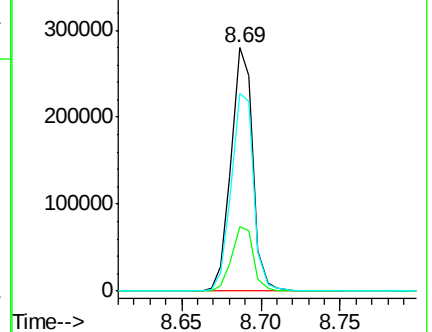
142 80.9 62.0 93.0

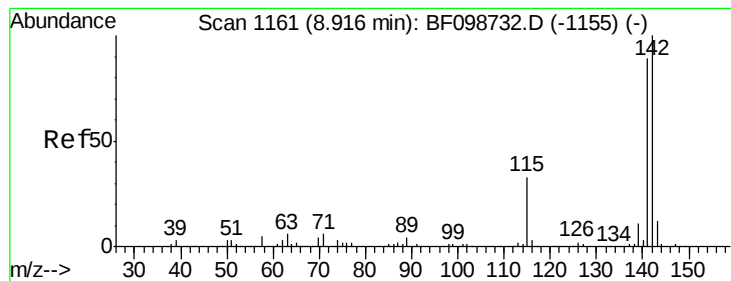


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

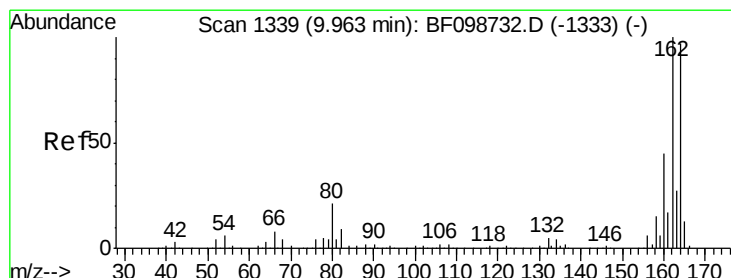
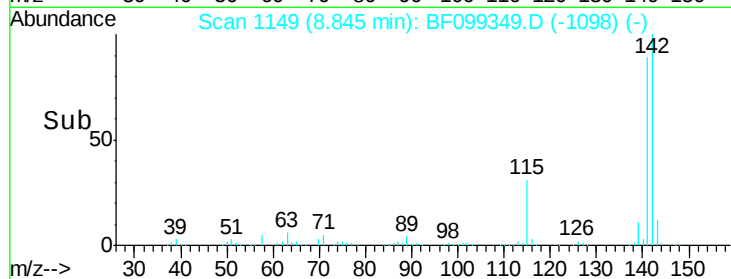
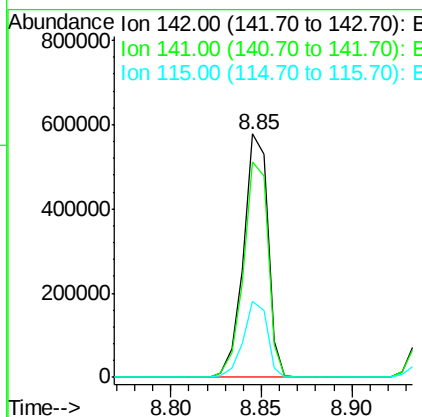
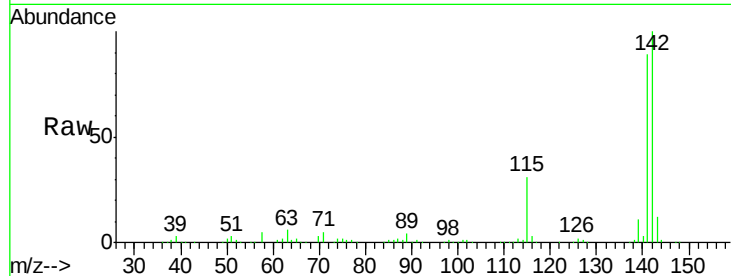




#37
 2-Methylnaphthalene
 Concen: 41.80 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

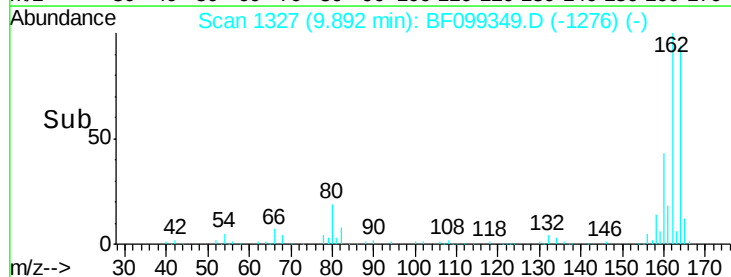
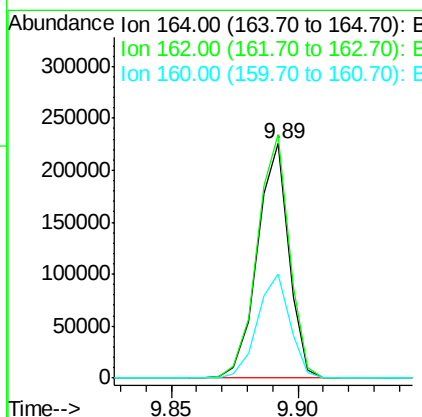
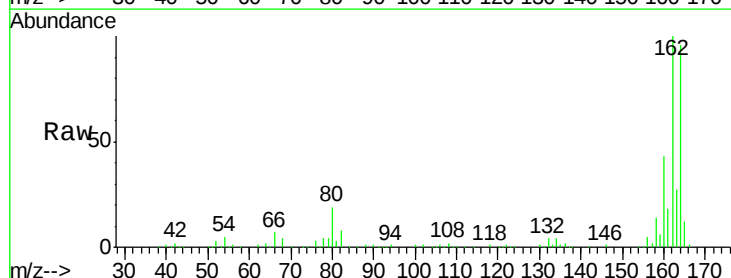
Instrument :
 BNA_F
 ClientSampleId :

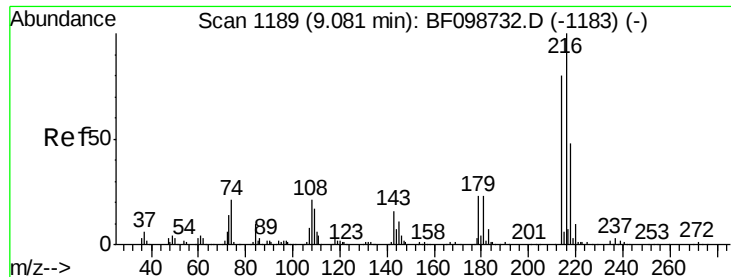
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	31.0	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	44.7	38.3	57.5

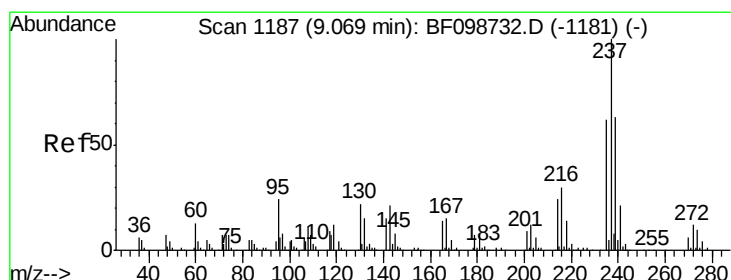
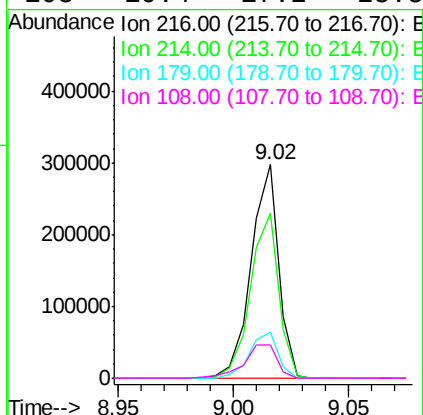
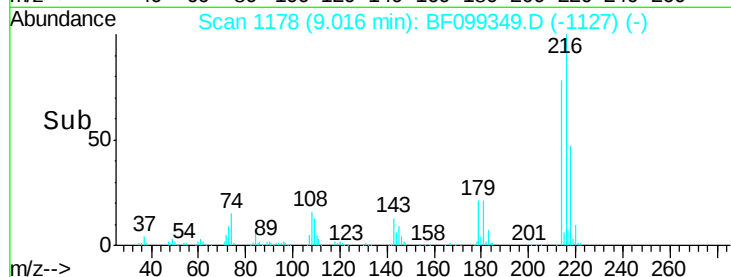
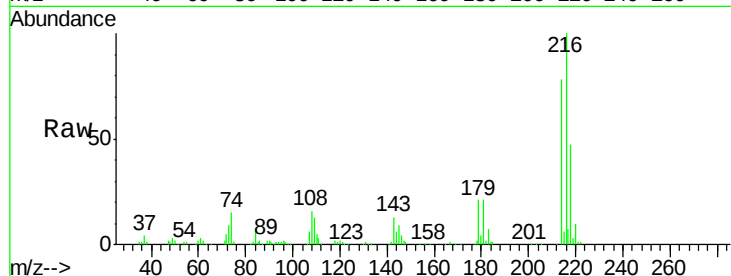




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.51 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

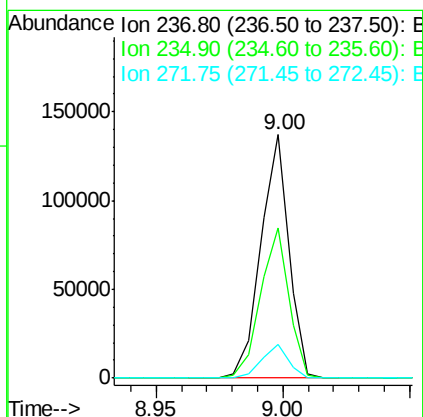
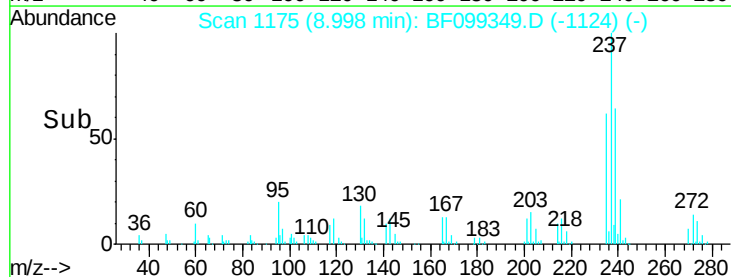
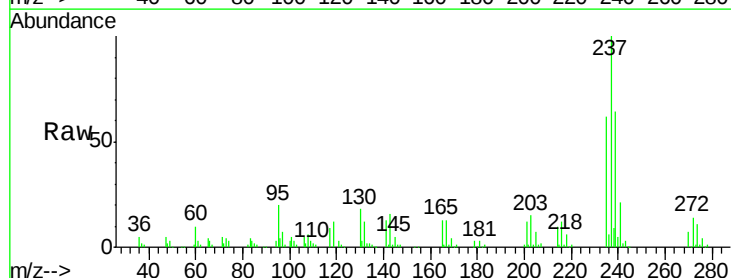
Instrument :
 BNA_F
 ClientSampleId :

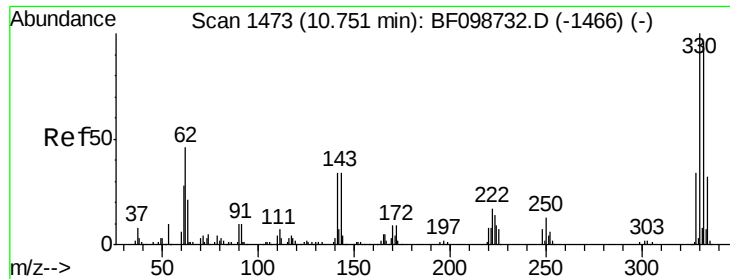
Tot Ion:	216	Resp:	248374
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.0	94.4
179	22.4	18.1	27.1
108	19.4	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 39.87 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Tgt Ion:	237	Resp:	106463
Ion	Ratio	Lower	Upper
237	100		
235	61.6	44.8	84.8
272	14.1	0.0	33.3

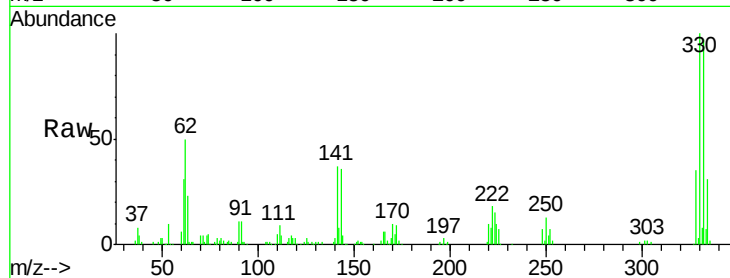




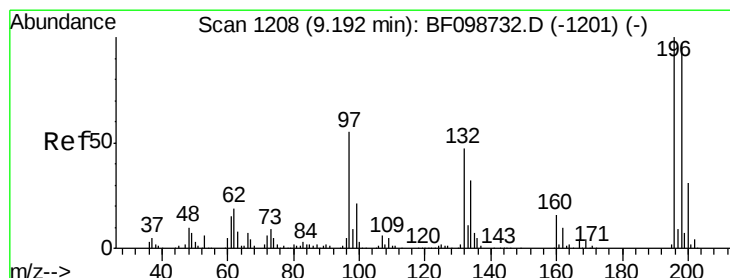
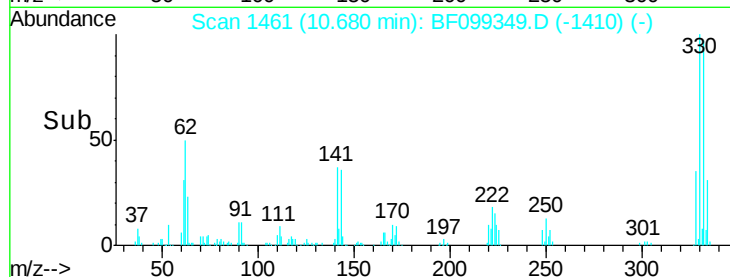
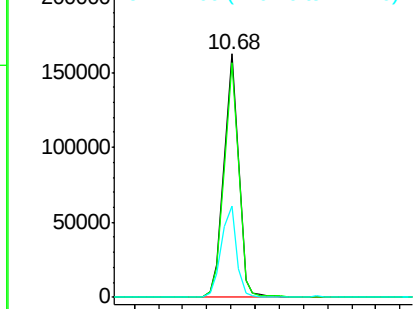
#41
 2,4,6-Tribromophenol
 Concen: 86.73 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 139032
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 38.5 29.9 44.9

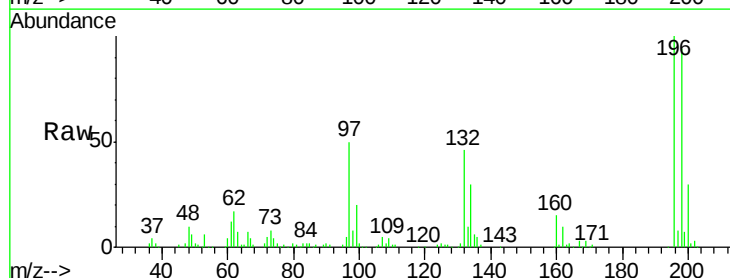


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

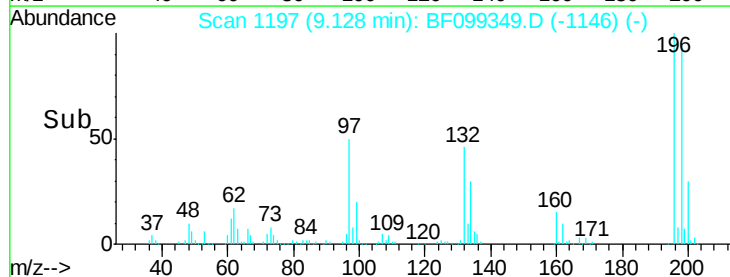
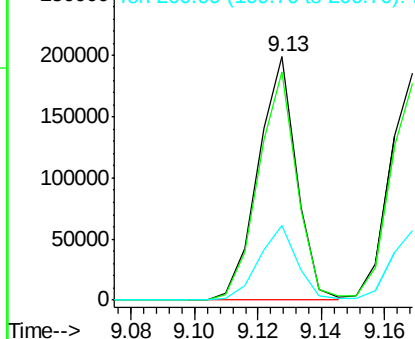


#42
 2,4,6-Trichlorophenol
 Concen: 40.49 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Tgt Ion:196 Resp: 167582
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.7 113.5
 200 30.5 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

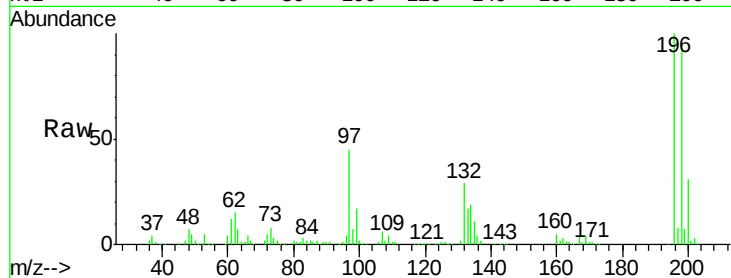




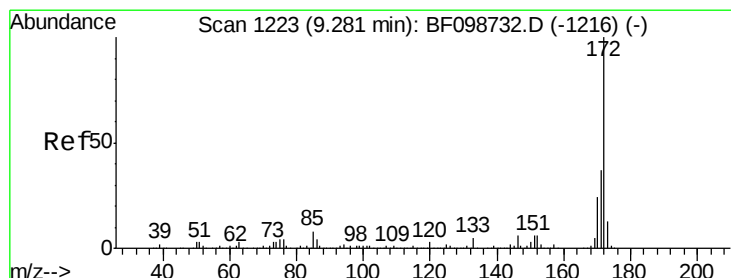
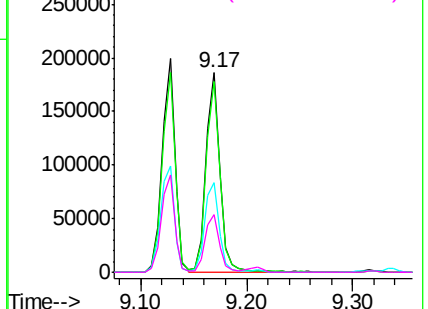
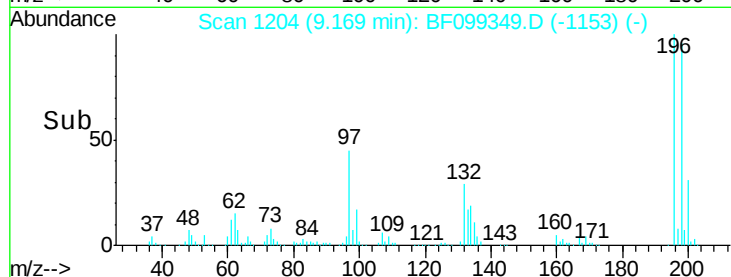
#43
 2,4,5-Trichlorophenol
 Concen: 41.47 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 171324
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.6 112.0
 97 44.7 42.9 64.3
 132 29.0 26.3 39.5

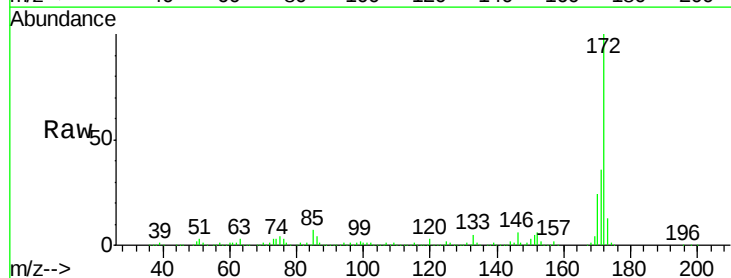


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

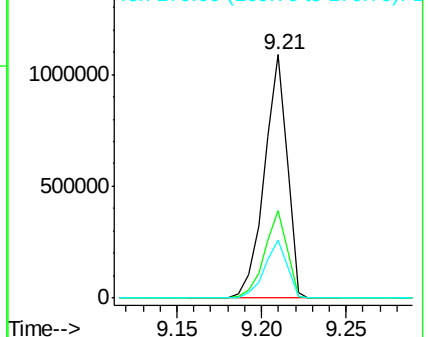
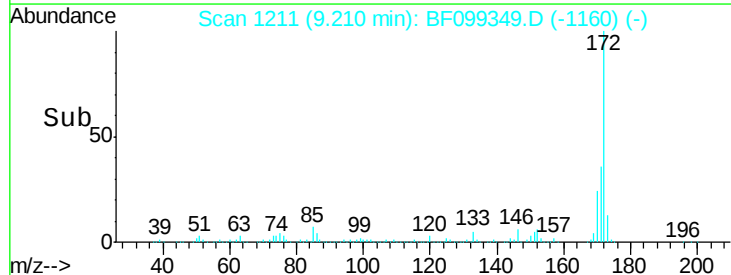


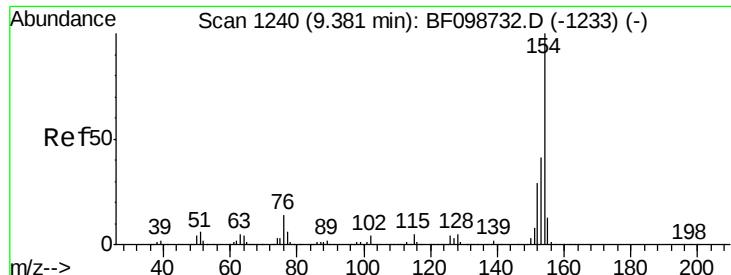
#44
 2-Fluorobiphenyl
 Concen: 86.02 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Tgt Ion:172 Resp: 1009409
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.0 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

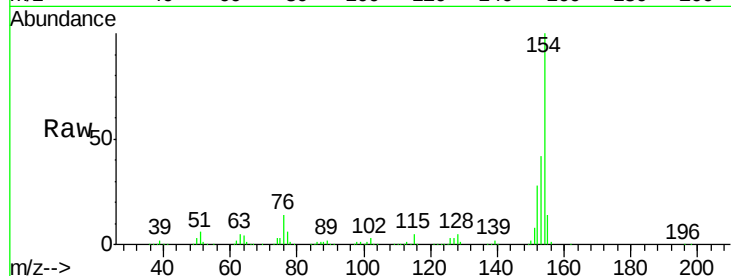




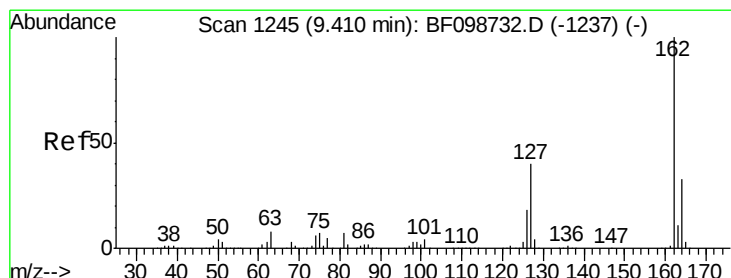
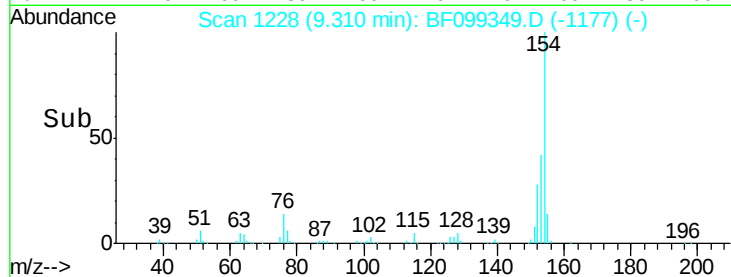
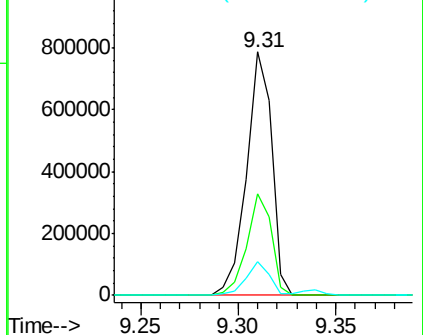
#45
 1,1'-Biphenyl
 Concen: 41.86 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 704779
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.3 61.3
 76 13.8 0.0 34.0

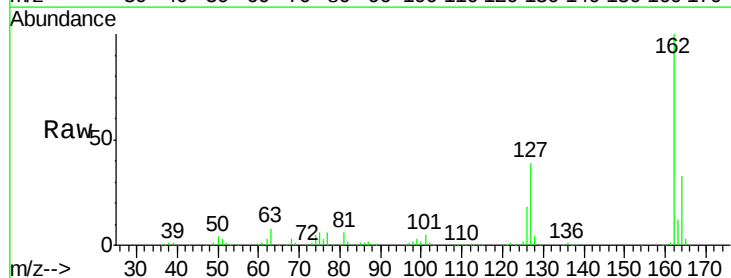


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

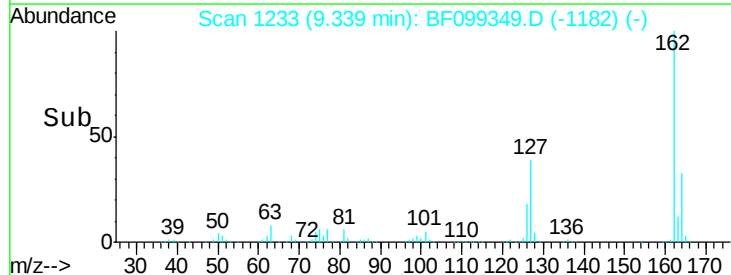
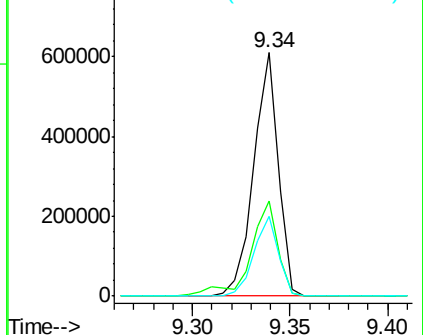


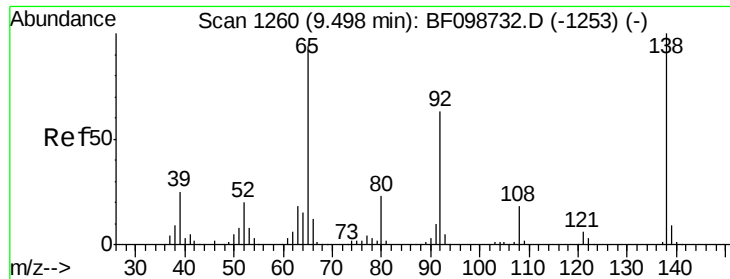
#46
 2-Chloronaphthalene
 Concen: 42.09 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Tgt Ion:162 Resp: 532099
 Ion Ratio Lower Upper
 162 100
 127 39.0 33.9 50.9
 164 32.7 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

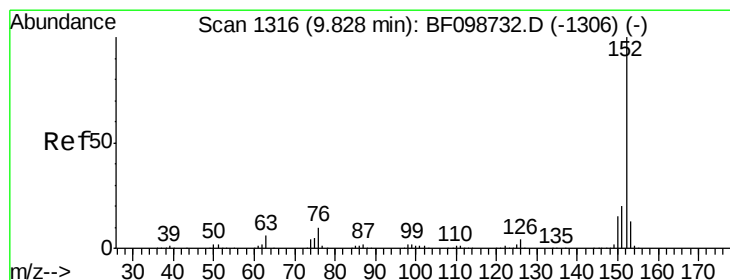
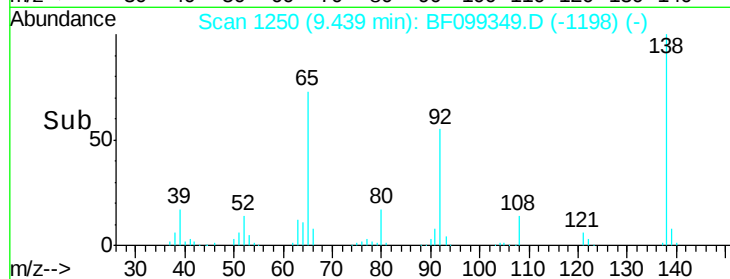
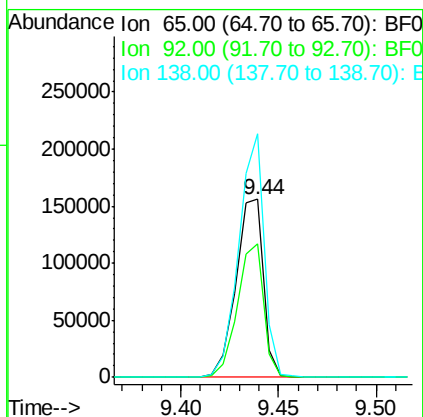
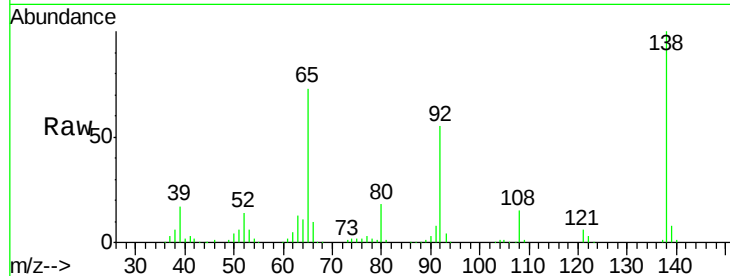




#47
2-Nitroaniline
Concen: 39.34 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

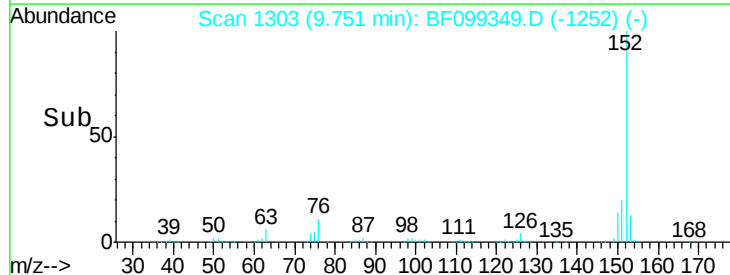
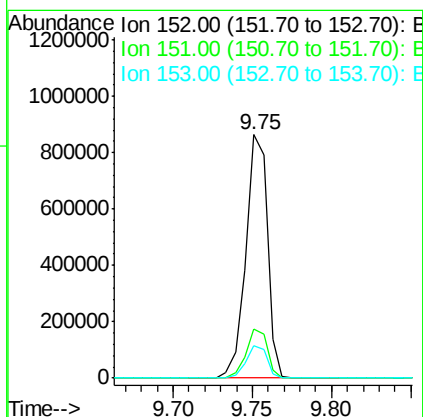
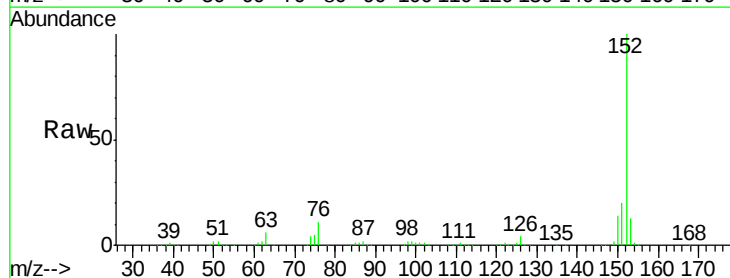
Instrument :
BNA_F
ClientSampleId :

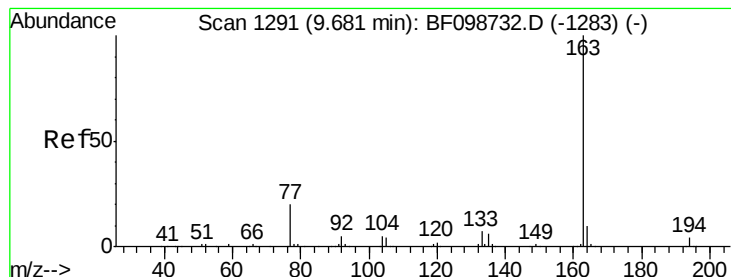
Tot Ion: 65 Resp: 152278
Ion Ratio Lower Upper
65 100
92 75.4 55.8 83.6
138 136.9 91.2 136.8#



#48
Acenaphthylene
Concen: 41.90 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:152 Resp: 810835
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 42.21 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

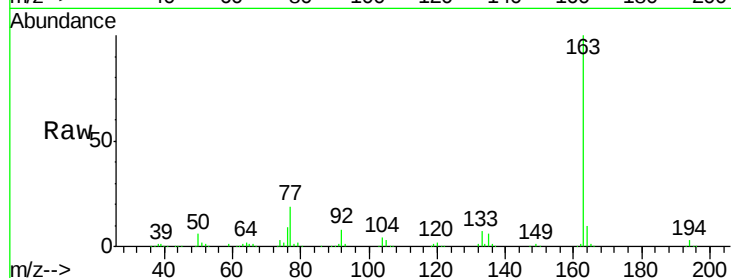
Tot Ion:163 Resp: 624126

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

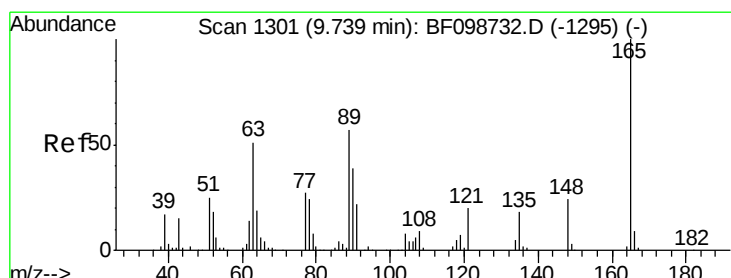
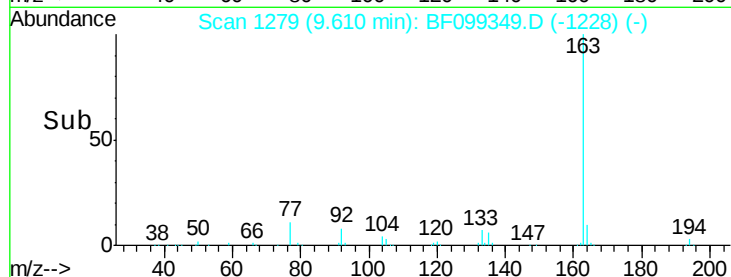
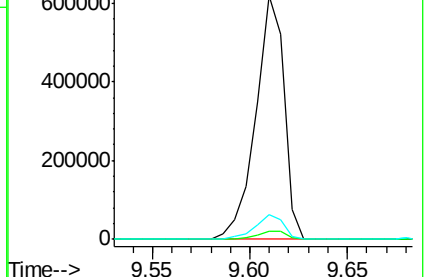
164 10.4 8.2 12.2



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: 44.29 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

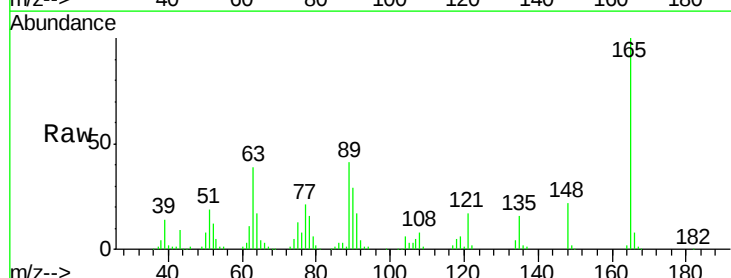
Tgt Ion:165 Resp: 142556

Ion Ratio Lower Upper

165 100

63 38.9 44.7 67.1#

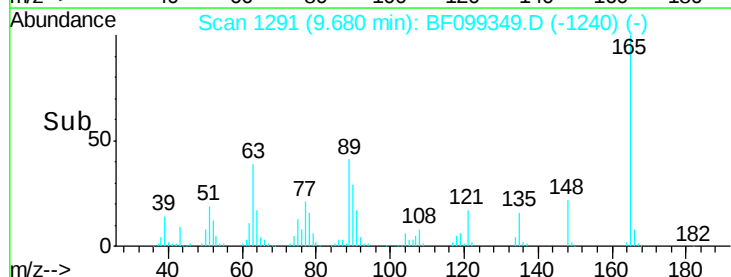
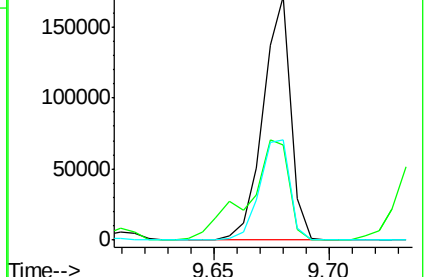
89 41.1 44.0 66.0#

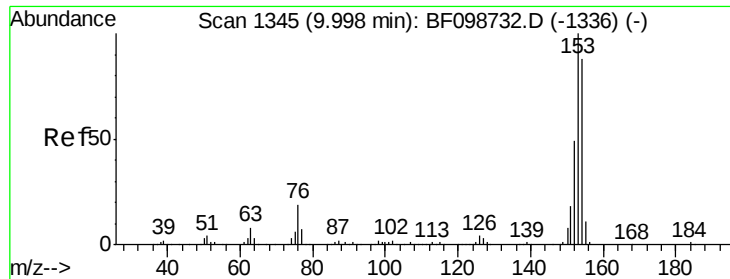


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.50 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

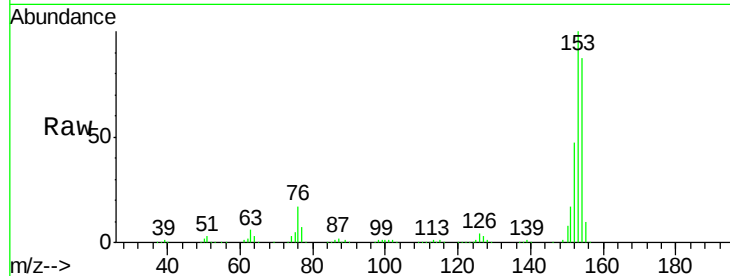
Tot Ion:154 Resp: 471945

Ion Ratio Lower Upper

154 100

153 114.9 91.2 136.8

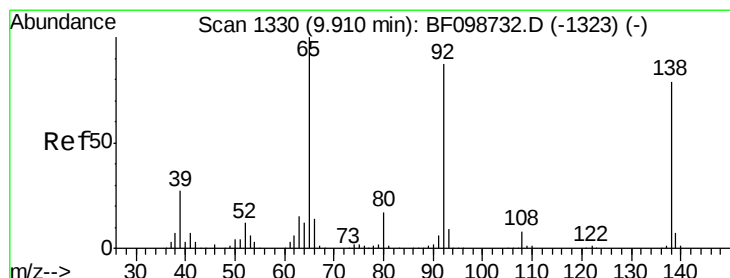
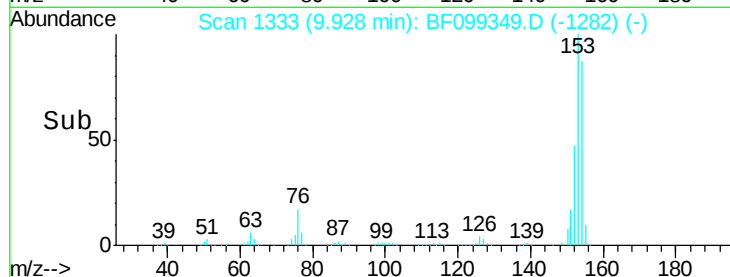
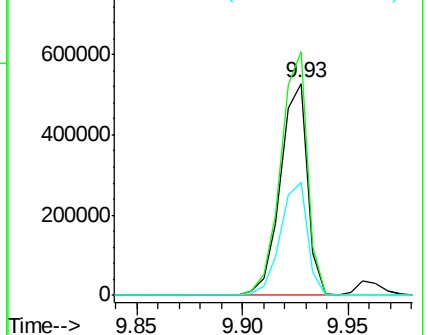
152 53.6 43.8 65.8



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: 43.88 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

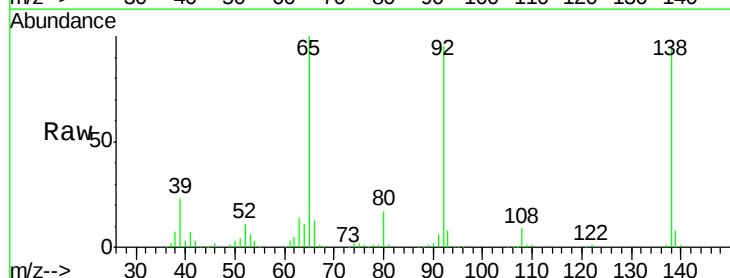
Tgt Ion:138 Resp: 164707

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

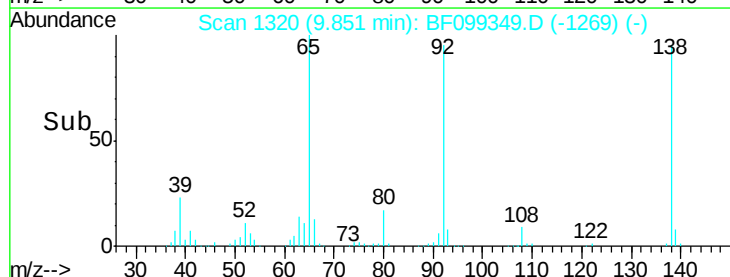
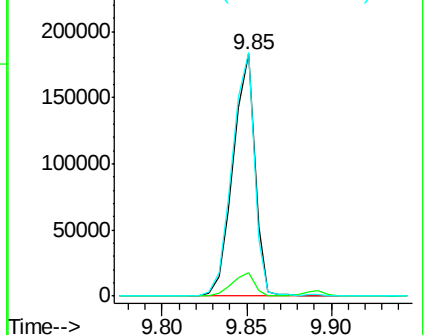
92 100.5 89.4 134.2

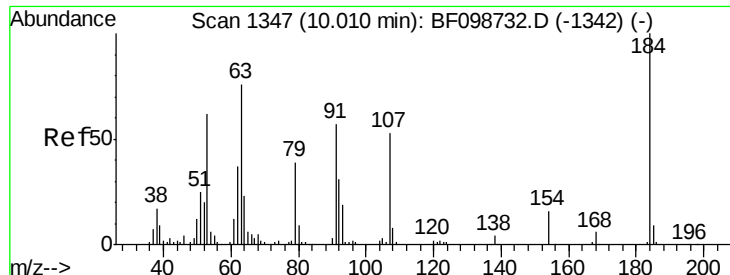


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

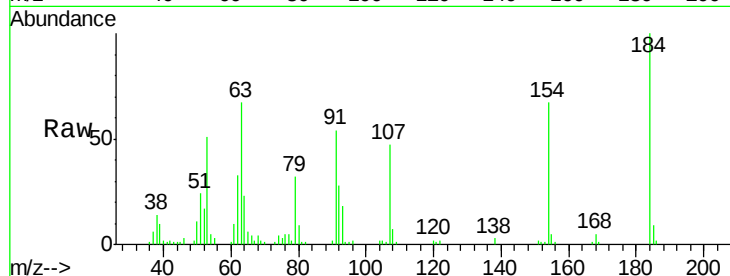




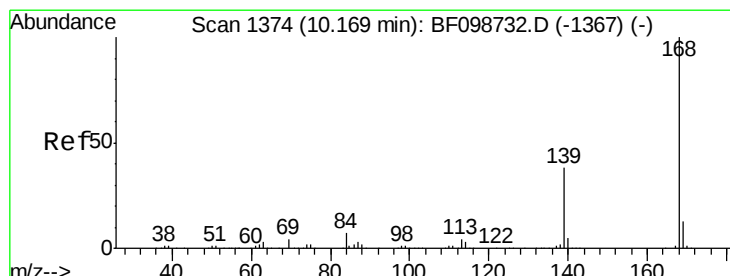
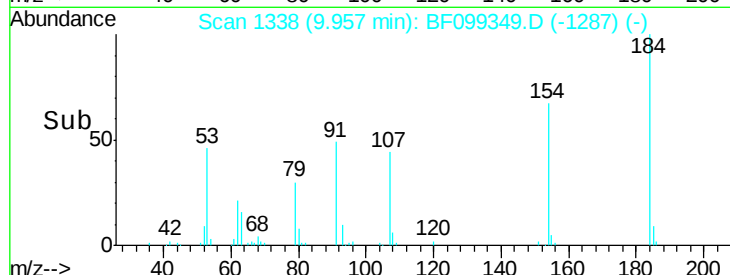
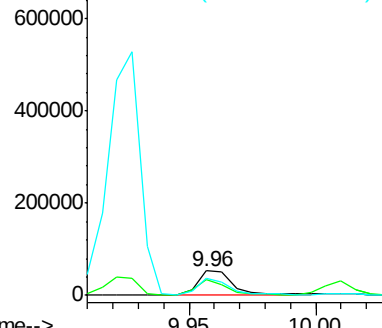
#53
2,4-Dinitrophenol
Concen: 35.44 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 53520
Ion Ratio Lower Upper
184 100
63 66.6 54.2 81.2
154 67.1 53.5 80.3

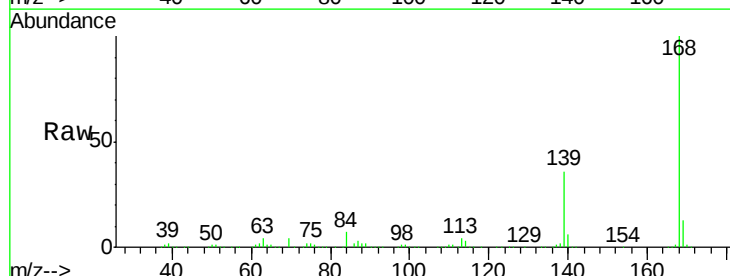


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

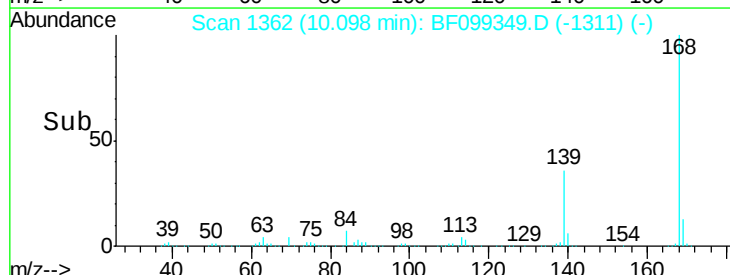
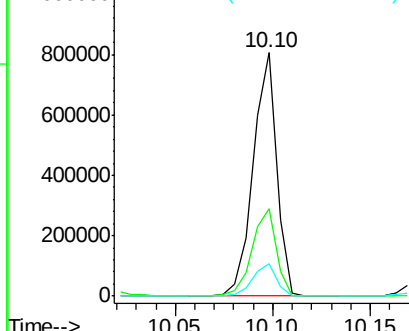


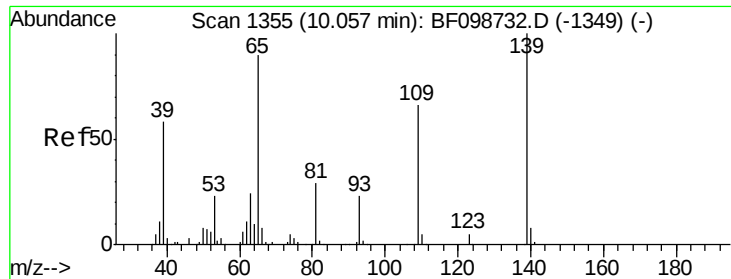
#54
Dibenzofuran
Concen: 41.33 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:168 Resp: 674584
Ion Ratio Lower Upper
168 100
139 35.9 30.1 45.1
169 13.3 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

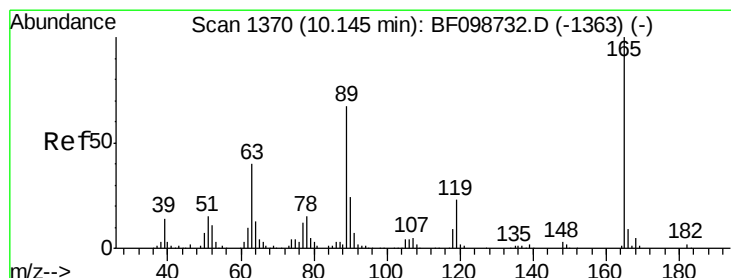
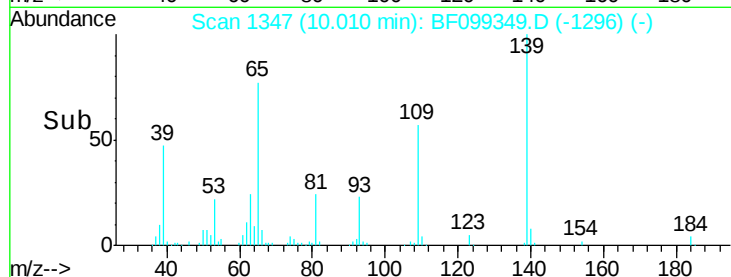
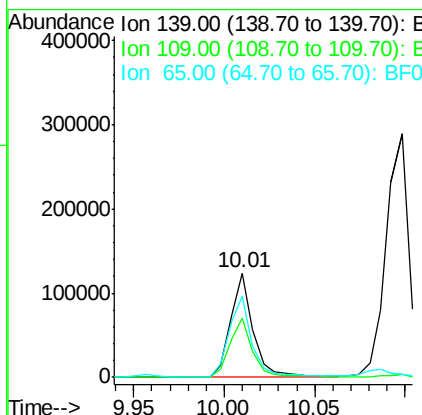
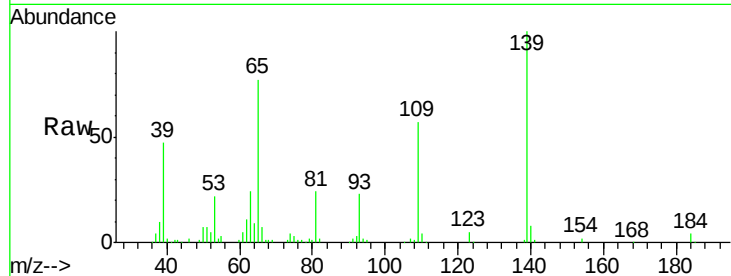




#55
4-Nitrophenol
Concen: 34.38 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

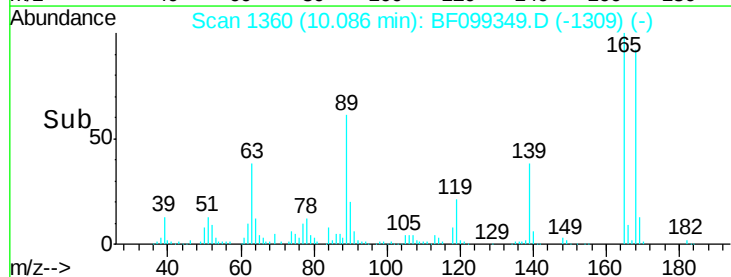
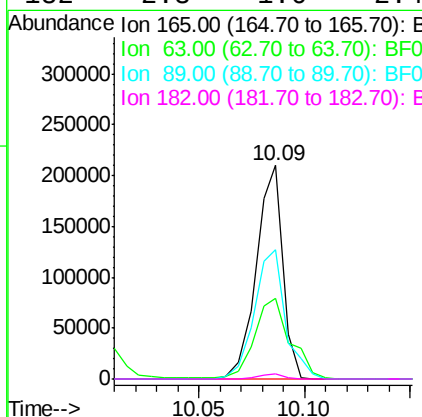
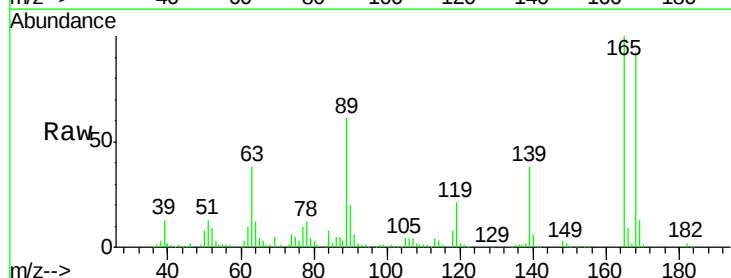
Instrument :
BNA_F
ClientSampled :

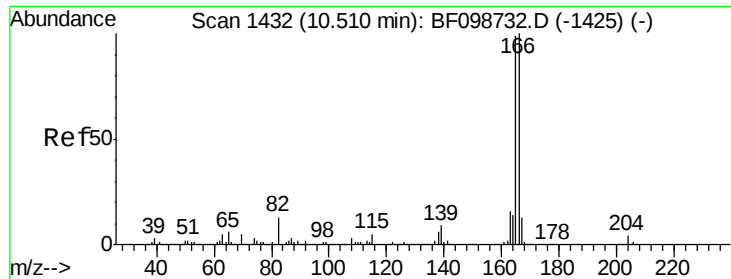
Tot Ion:139 Resp: 109110
Ion Ratio Lower Upper
139 100
109 56.7 48.4 88.4
65 77.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.87 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:165 Resp: 183287
Ion Ratio Lower Upper
165 100
63 37.6 36.4 54.6
89 60.6 57.8 86.6
182 2.3 1.6 2.4

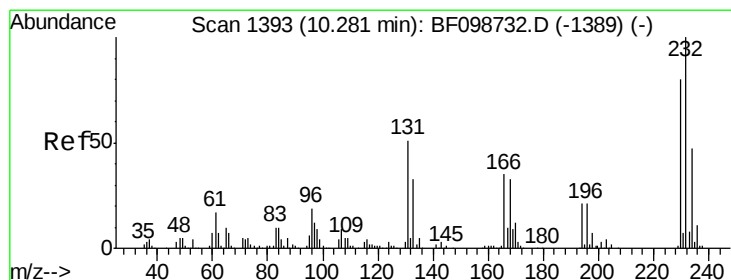
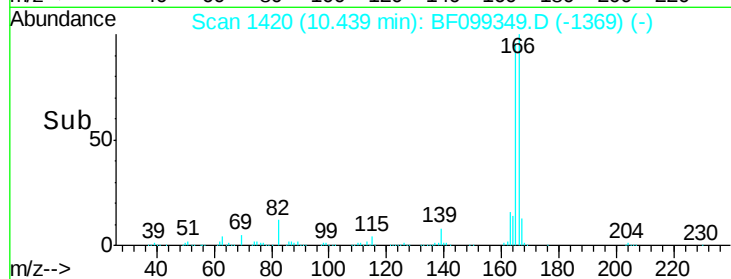
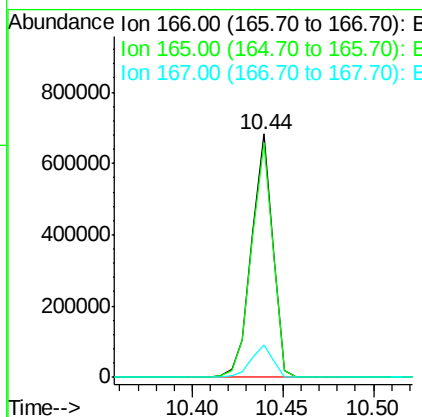
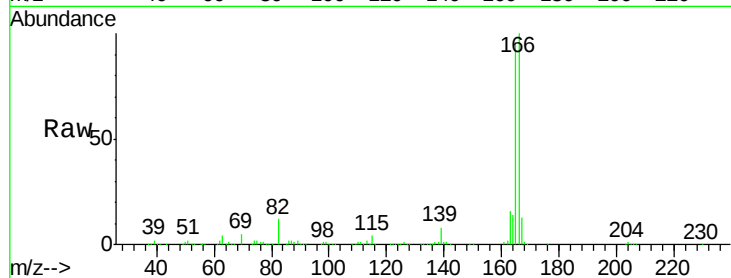




#57
 Fluorene
 Concen: 42.30 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

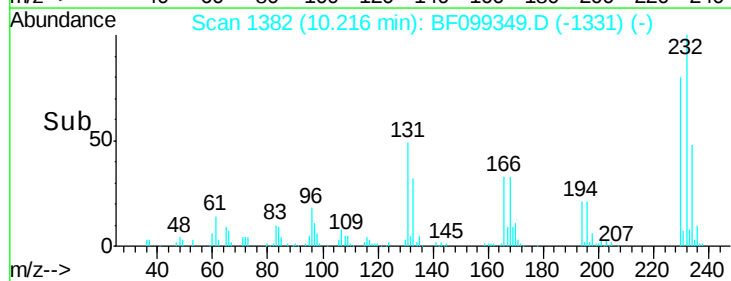
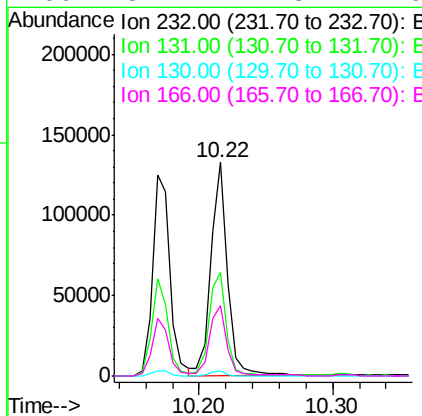
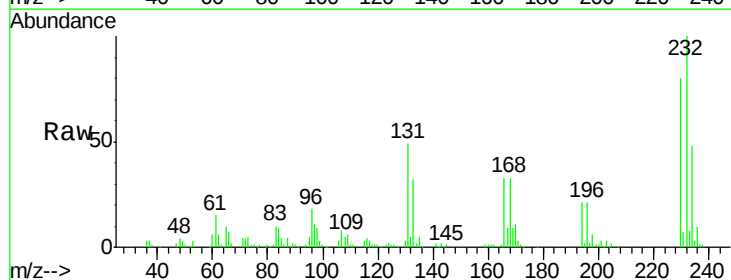
Instrument :
 BNA_F
 ClientSampleId :

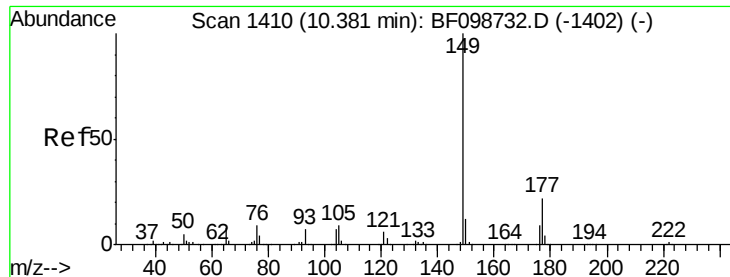
Tot Ion:166 Resp: 554884
 Ion Ratio Lower Upper
 166 100
 165 96.4 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.53 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Tgt Ion:232 Resp: 115676
 Ion Ratio Lower Upper
 232 100
 131 50.5 43.8 65.8
 130 2.3 2.1 3.1
 166 34.2 27.8 41.6





#59

Diethylphthalate

Concen: 40.59 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

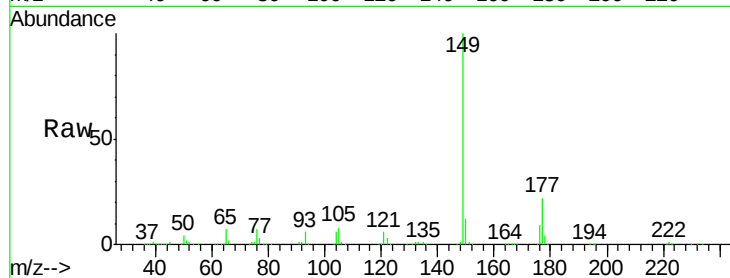
Tot Ion:149 Resp: 586389

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

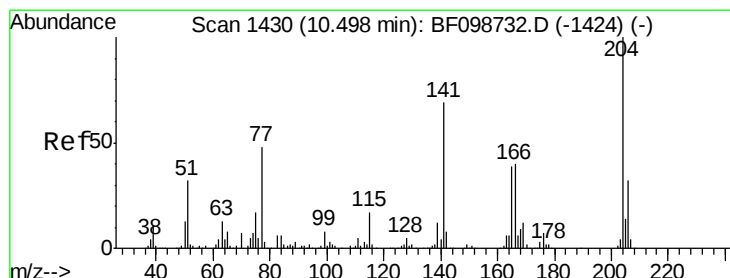
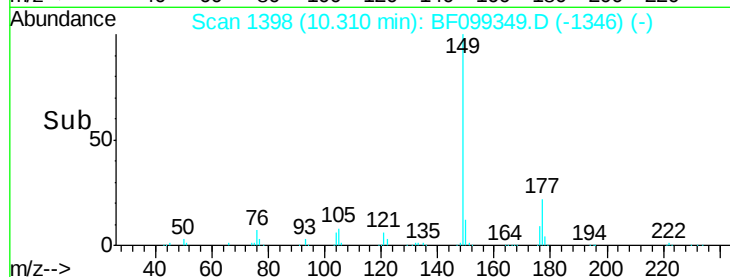
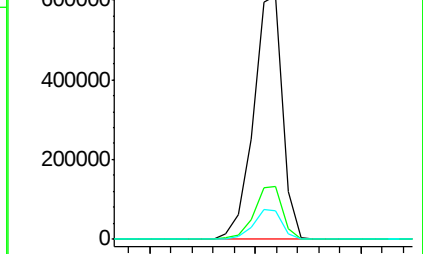
150 12.0 10.1 15.1



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: 42.21 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

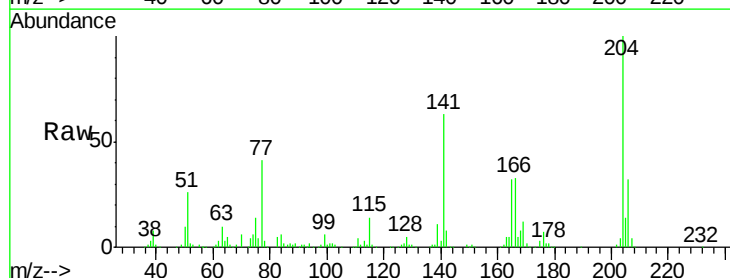
Tgt Ion:204 Resp: 248767

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

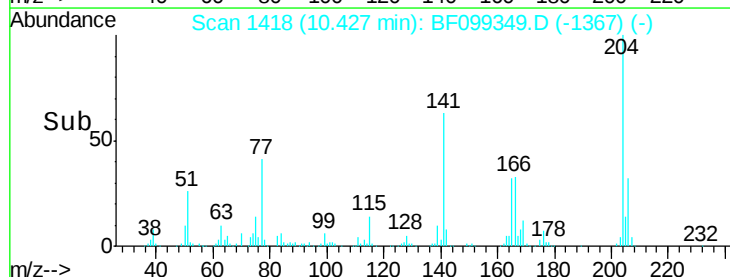
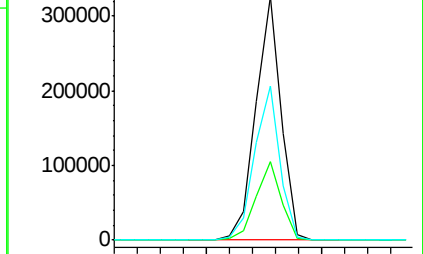
141 63.5 54.6 81.8

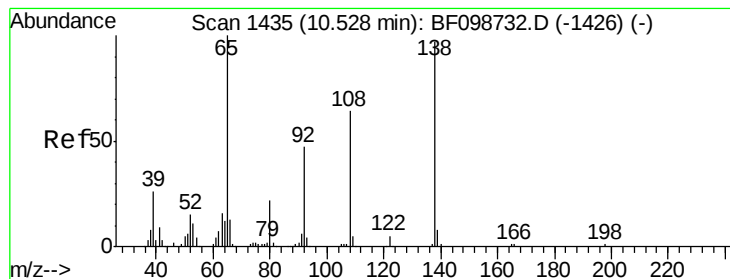


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.65 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampled :

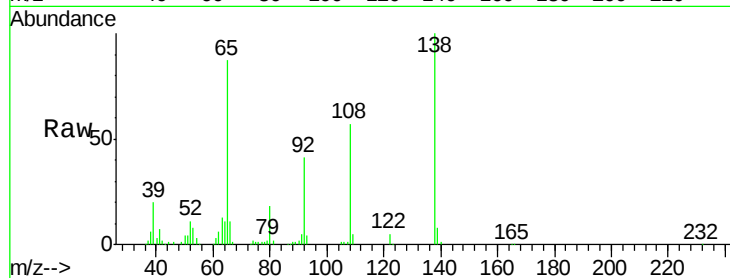
Tot Ion:138 Resp: 165314

Ion Ratio Lower Upper

138 100

92 41.1 30.2 70.2

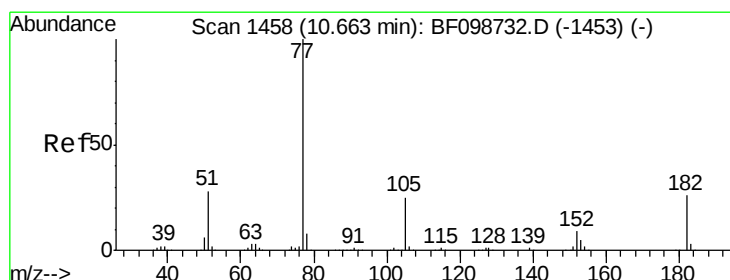
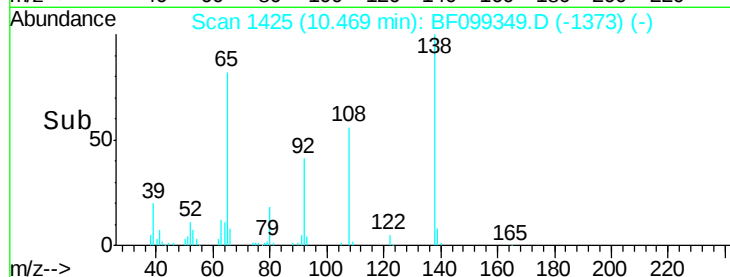
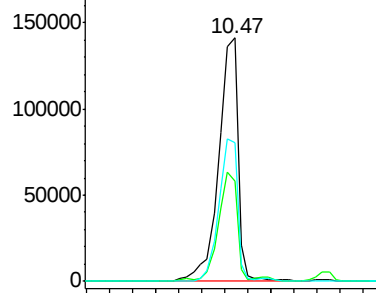
108 57.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.67 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Tgt Ion: 77 Resp: 500471

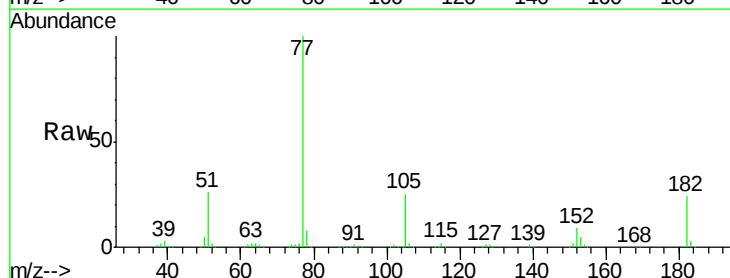
Ion Ratio Lower Upper

77 100

182 24.1 1.7 41.7

105 24.8 3.0 43.0

51 26.2 9.9 49.9

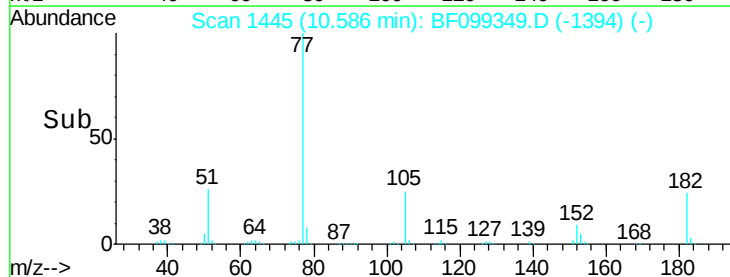
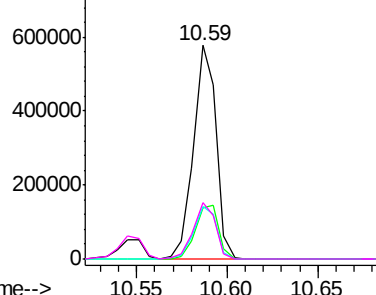


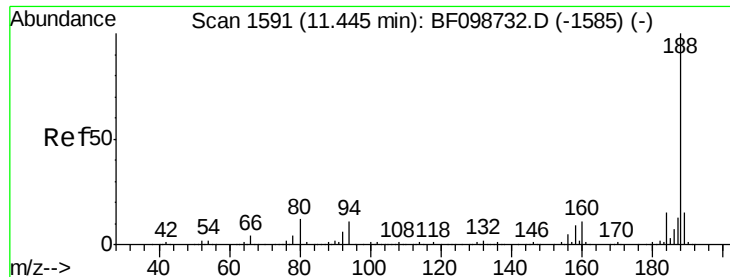
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

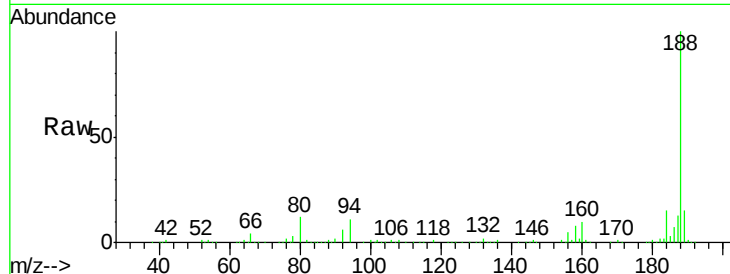




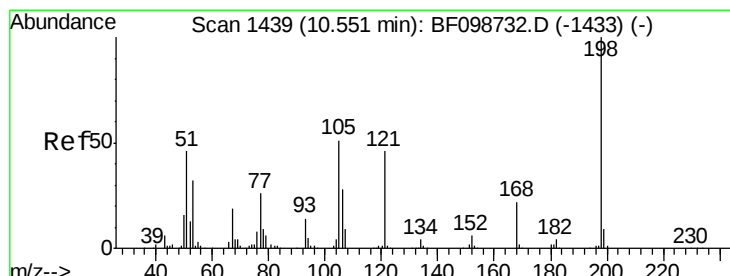
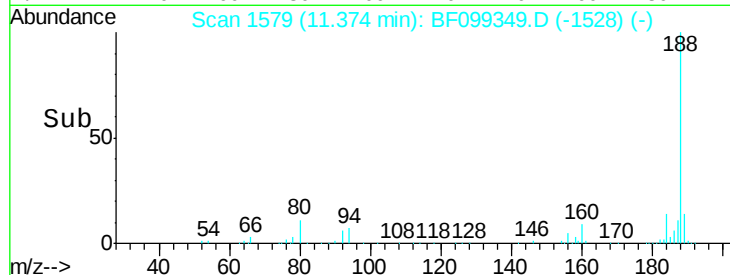
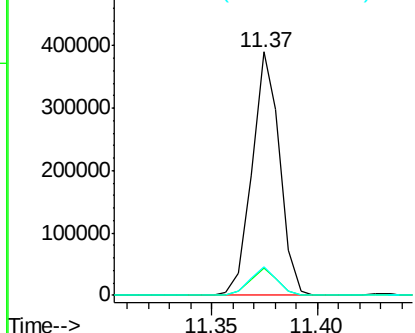
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 353390
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.8 9.2 13.8

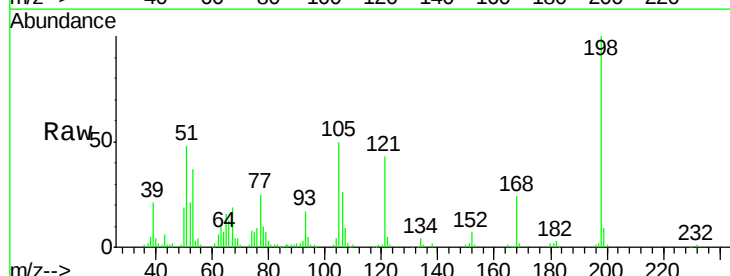


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

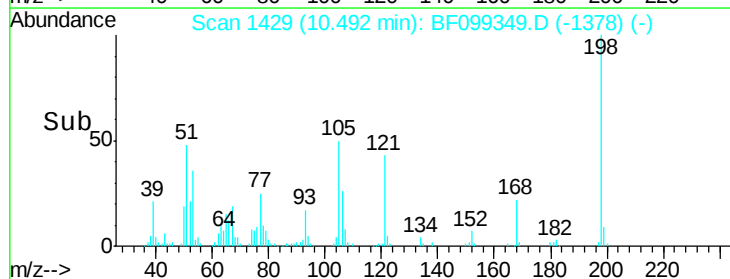
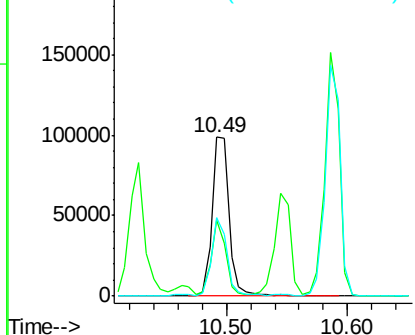


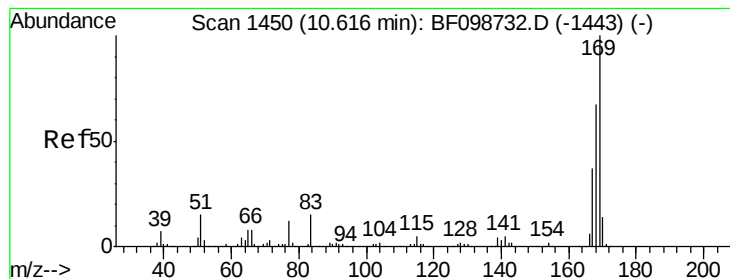
#64
4,6-Dinitro-2-methylphenol
Concen: 44.26 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:198 Resp: 95158
Ion Ratio Lower Upper
198 100
51 47.5 37.7 77.7
105 49.8 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.49 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

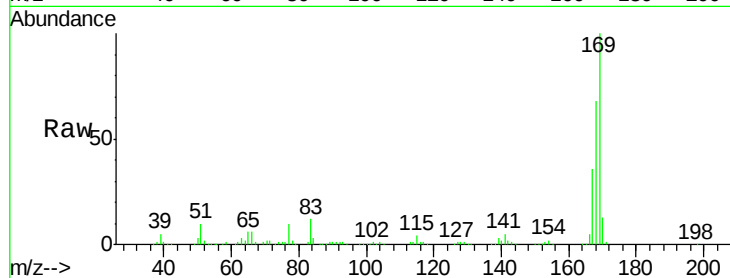
Tot Ion:169 Resp: 495751

Ion Ratio Lower Upper

169 100

168 67.9 54.4 81.6

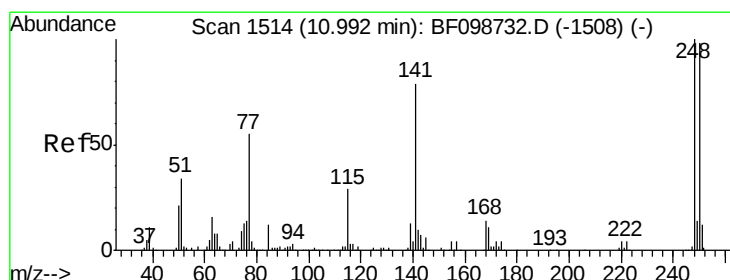
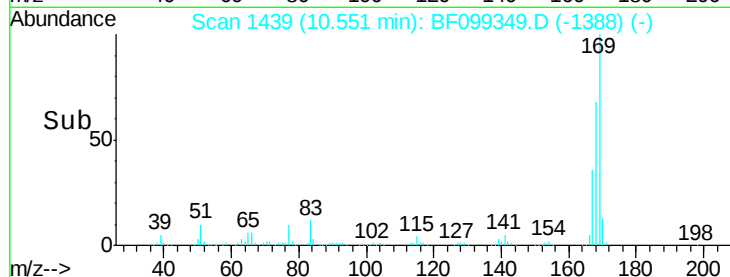
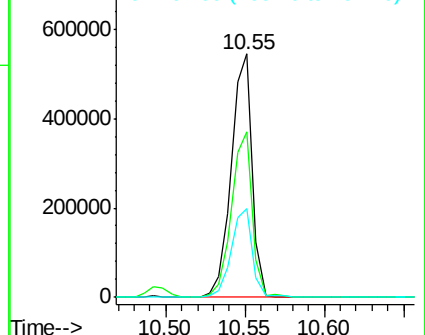
167 36.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.96 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

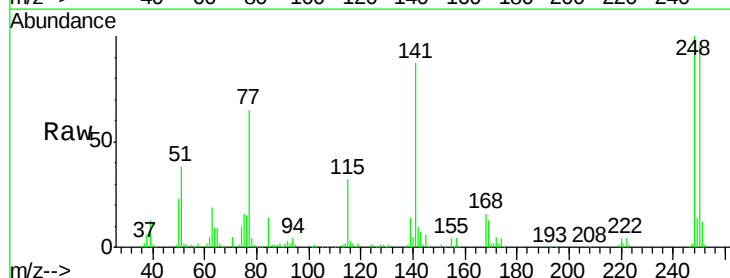
Tgt Ion:248 Resp: 145155

Ion Ratio Lower Upper

248 100

250 95.2 76.9 115.3

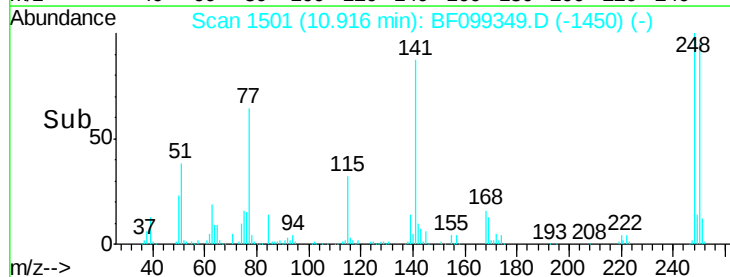
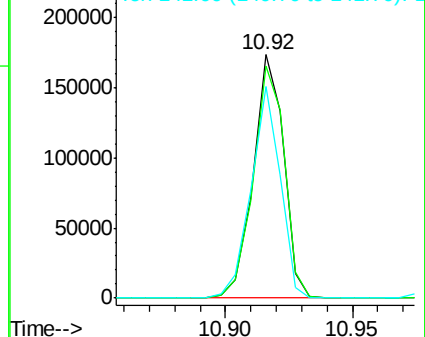
141 87.2 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

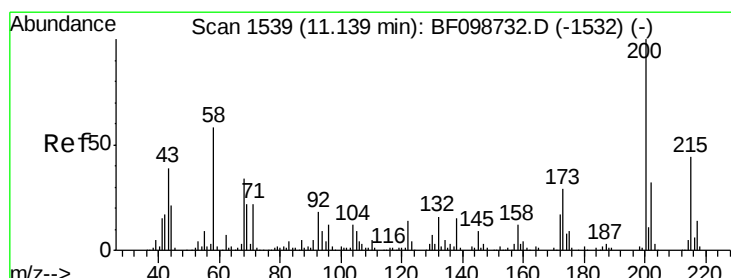
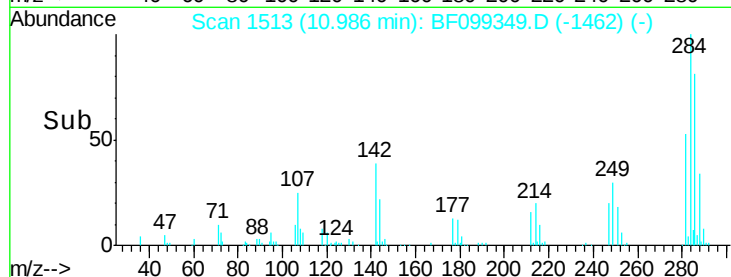
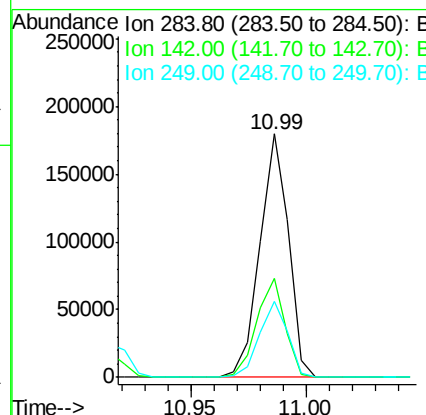
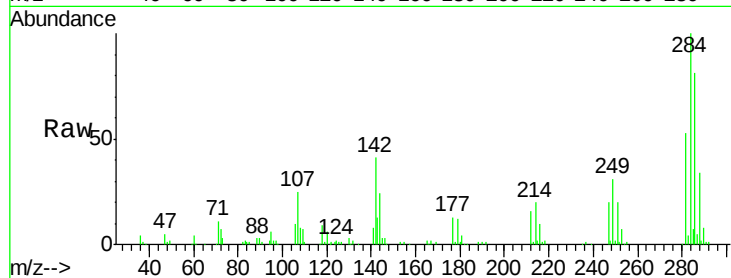




#67
Hexachlorobenzene
Concen: 42.13 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

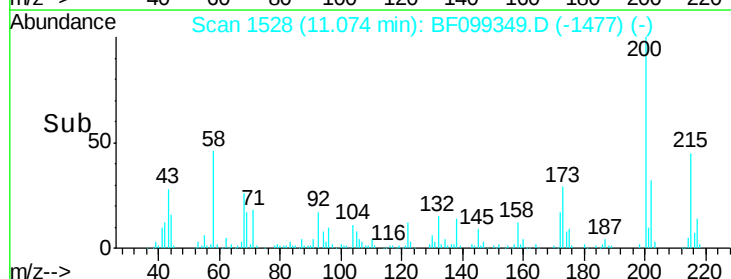
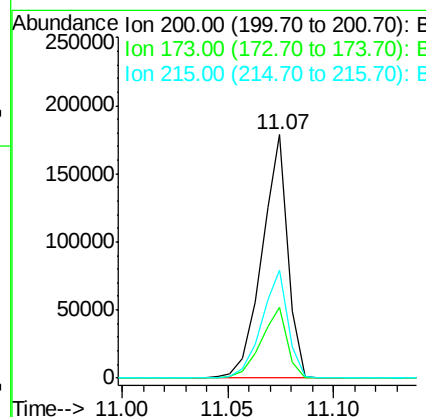
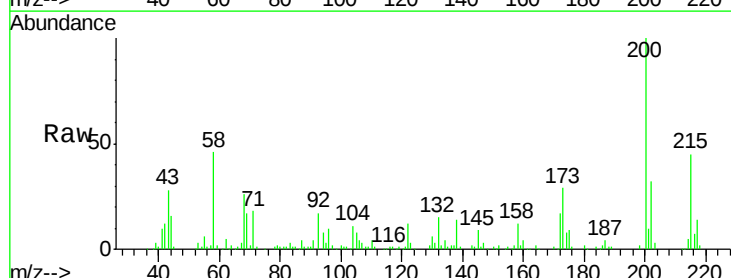
Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 155649
Ion Ratio Lower Upper
284 100
142 40.8 34.6 52.0
249 31.2 24.8 37.2



#68
Atrazine
Concen: 41.21 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:200 Resp: 151803
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 44.5 25.1 65.1

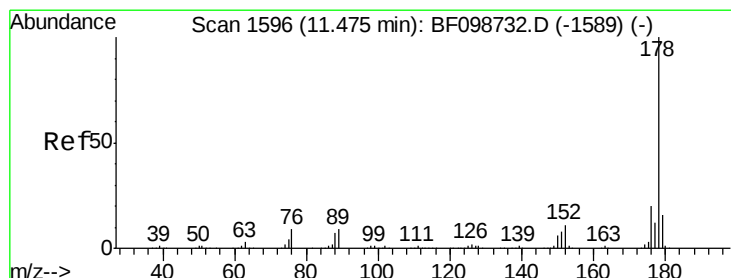
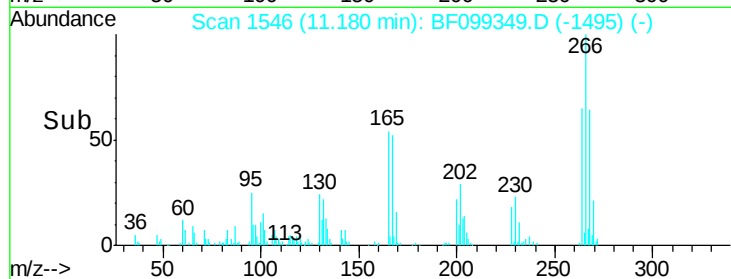
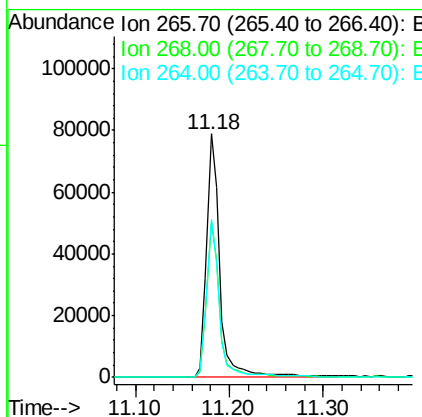
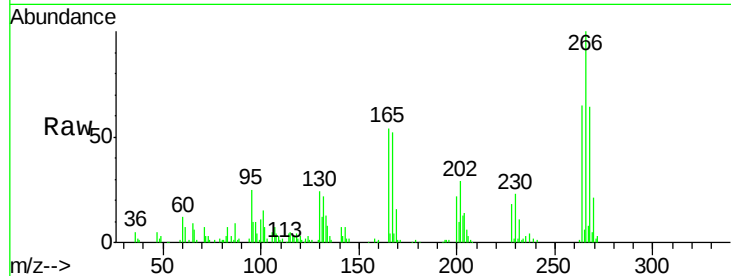




#69
 Pentachlorophenol
 Concen: 34.42 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

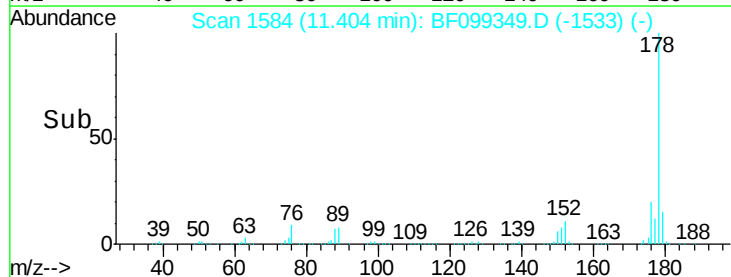
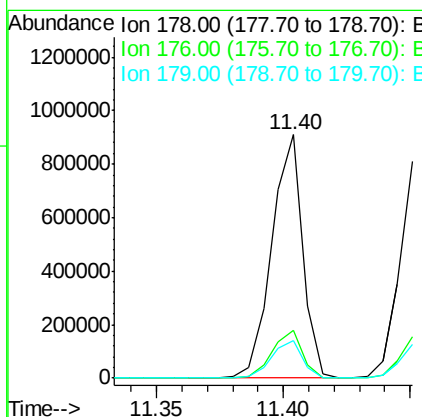
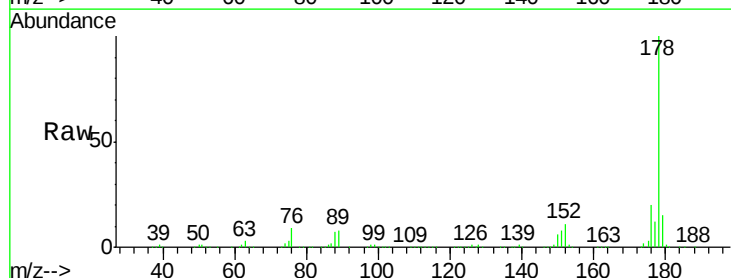
Instrument :
 BNA_F
 ClientSampleId :

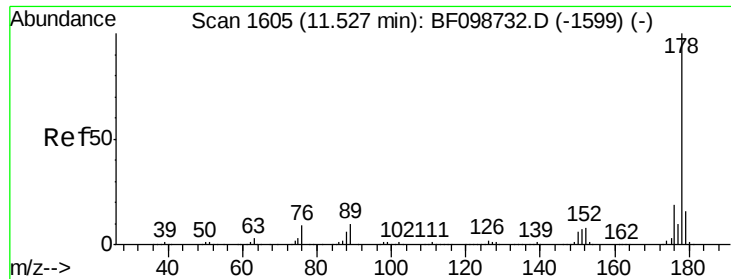
Tot Ion:266 Resp: 79147
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 65.1 49.5 74.3



#70
 Phenanthrene
 Concen: 41.23 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Tgt Ion:178 Resp: 779959
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.4 13.0 19.6

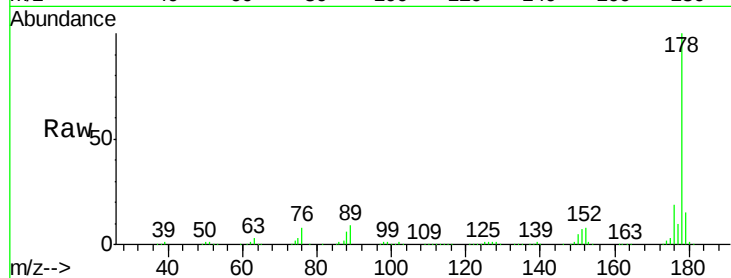




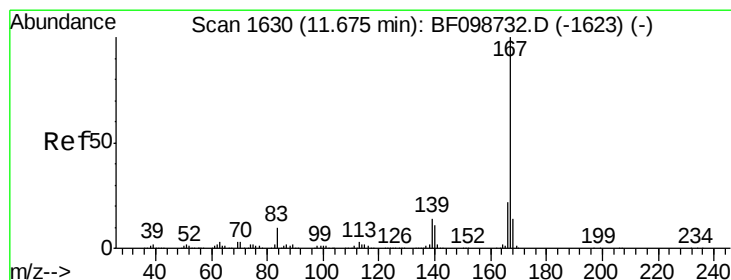
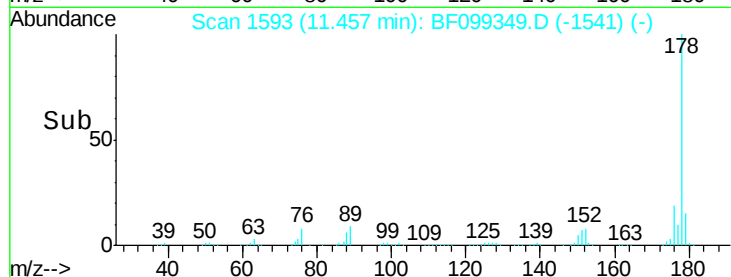
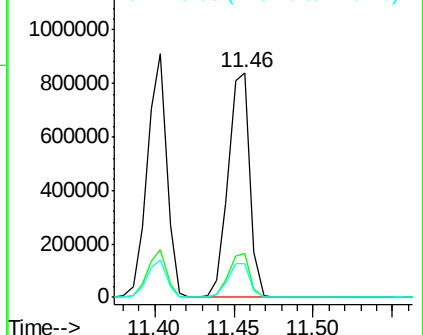
#71
 Anthracene
 Concen: 41.26 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 798577
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.1 12.6 19.0

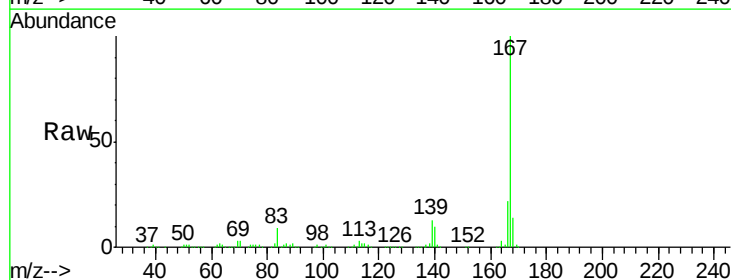


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

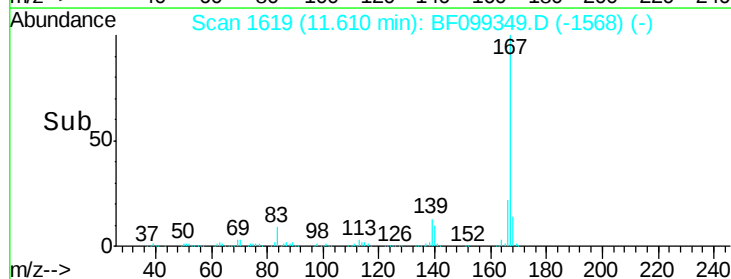
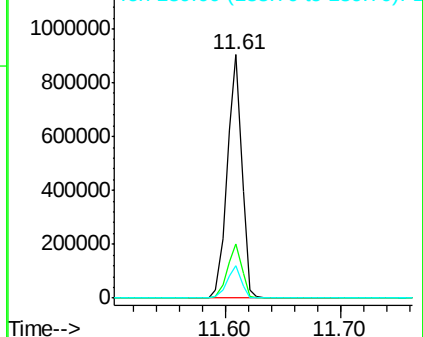


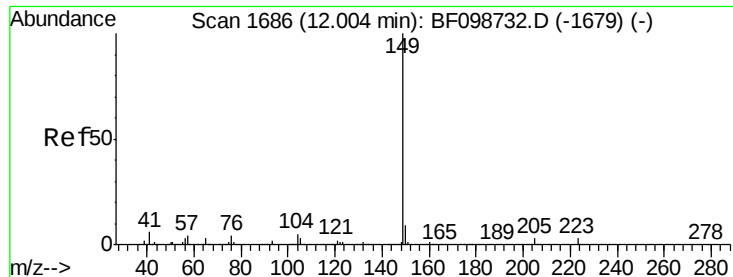
#72
 Carbazole
 Concen: 41.49 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Tgt Ion:167 Resp: 786451
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

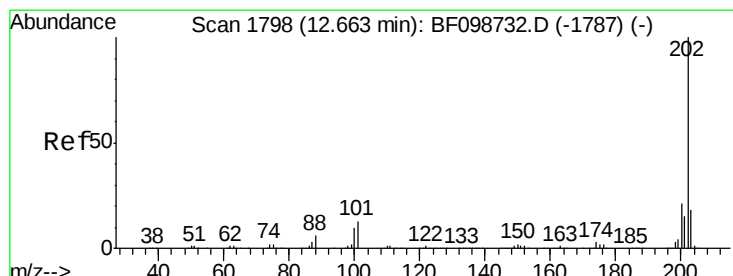
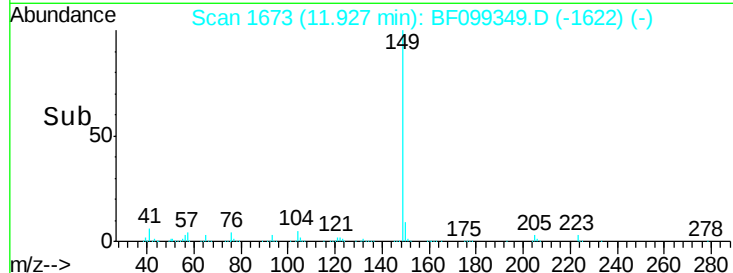
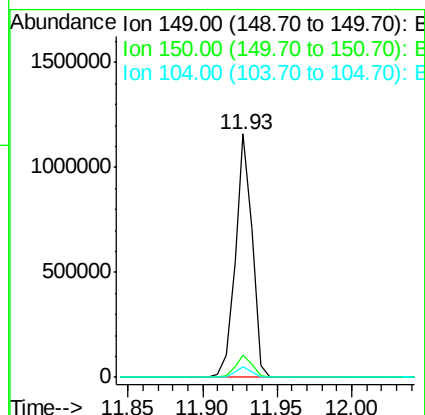
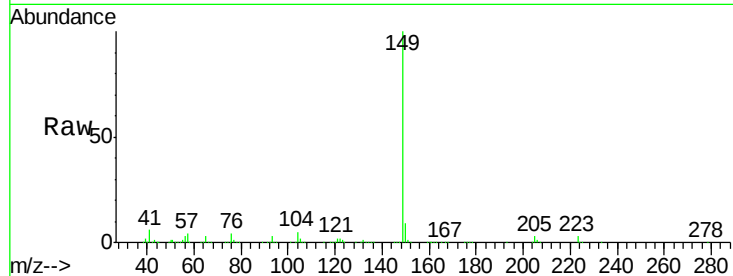




#73
Di-n-butylphthalate
Concen: 40.25 ng
RT: 11.93 min Scan# 1673
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

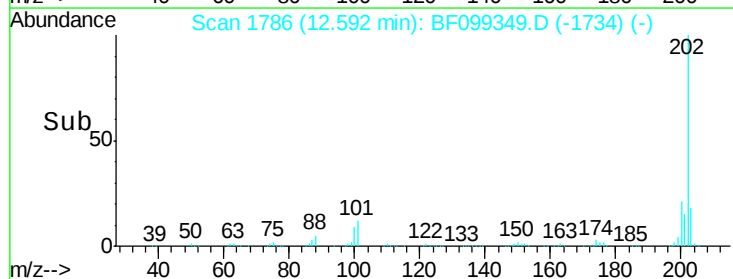
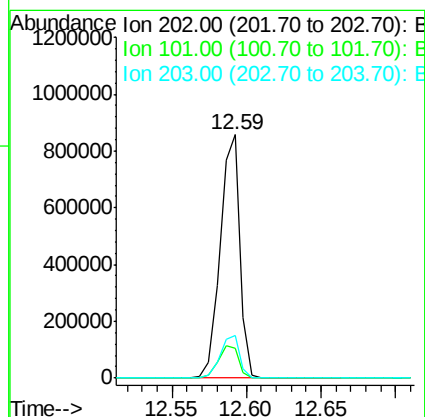
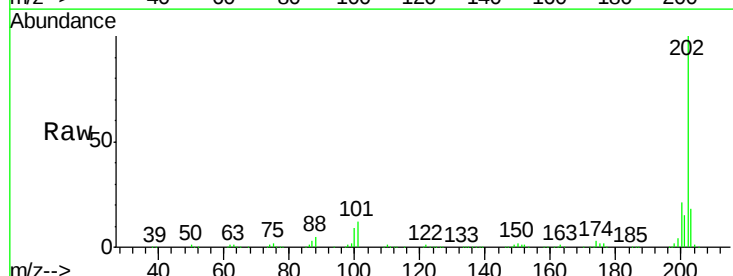
Instrument :
BNA_F
ClientSampleId :

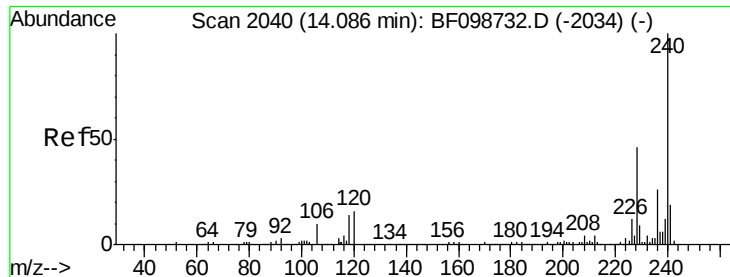
Tot Ion:149 Resp: 918147
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 41.35 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:202 Resp: 792010
Ion Ratio Lower Upper
202 100
101 12.3 0.0 34.1
203 17.6 0.0 38.1

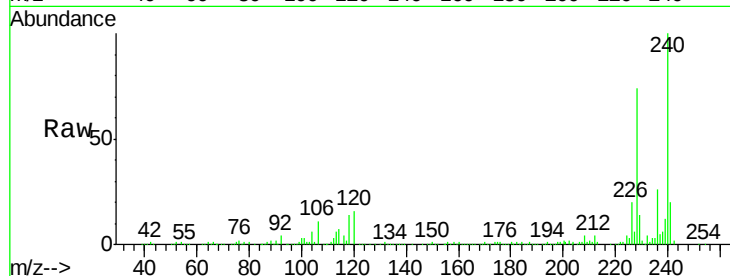




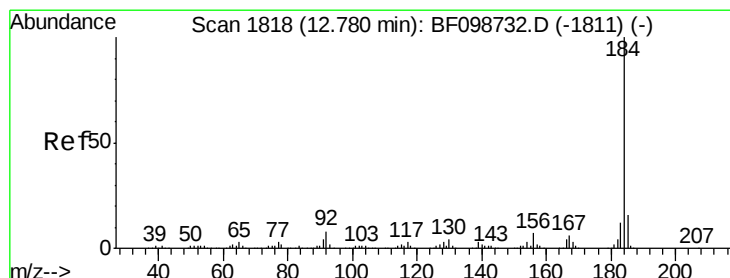
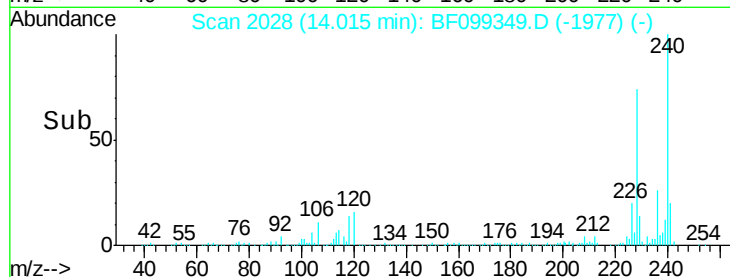
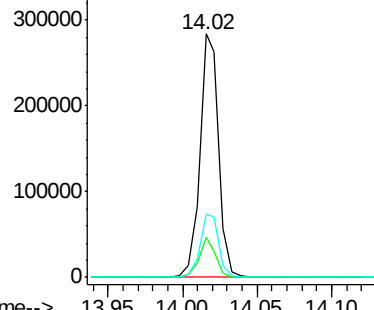
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 251715
Ion Ratio Lower Upper
240 100
120 16.2 9.5 14.3#
236 25.9 20.7 31.1

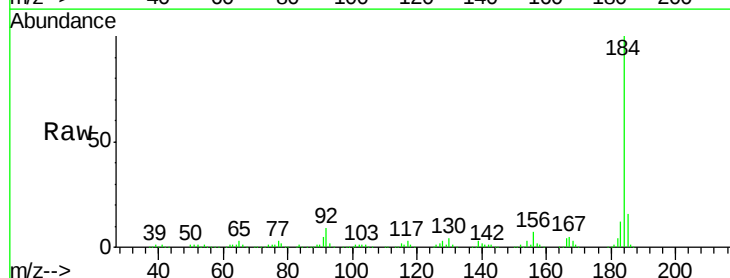


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

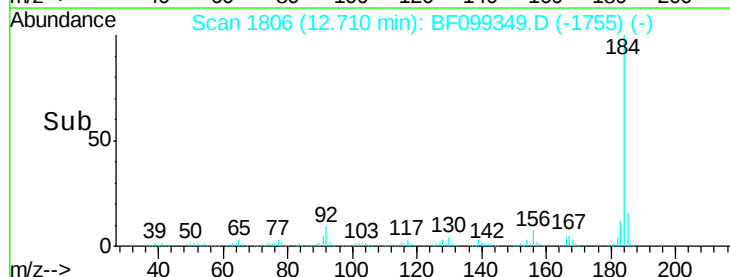
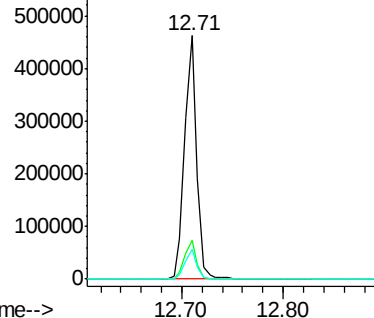


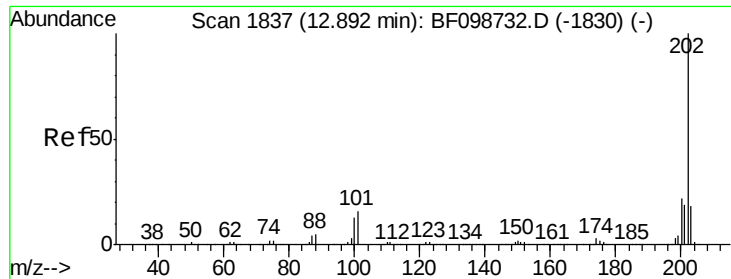
#76
Benzidine
Concen: 41.58 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:184 Resp: 387096
Ion Ratio Lower Upper
184 100
185 15.7 12.6 18.8
183 12.2 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

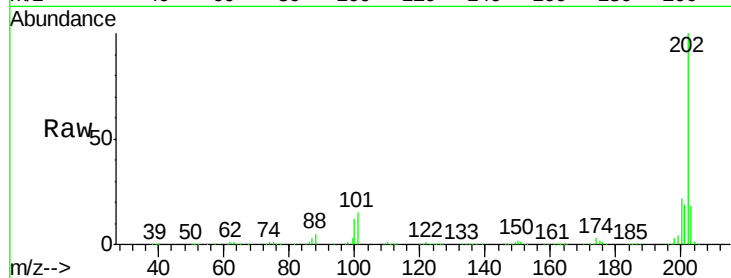




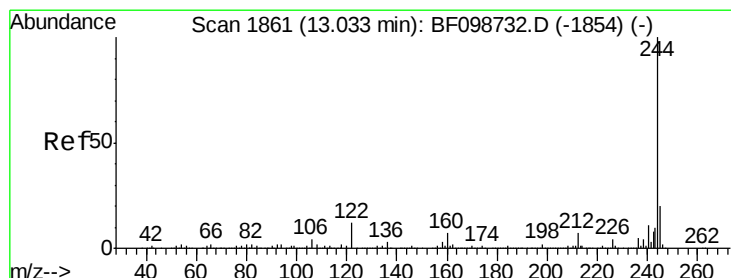
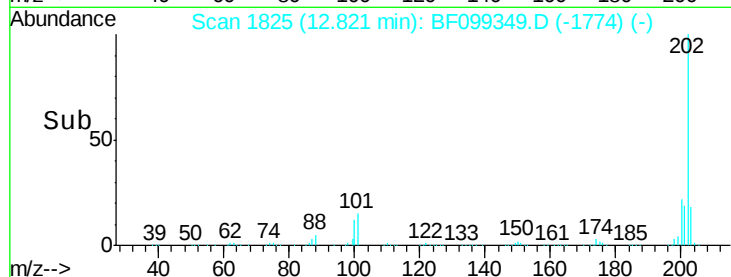
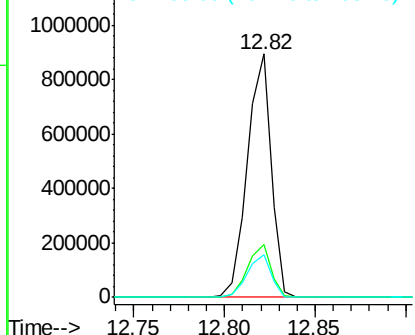
#77
Pvrene
Concen: 42.64 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 818518
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.6 14.3 21.5

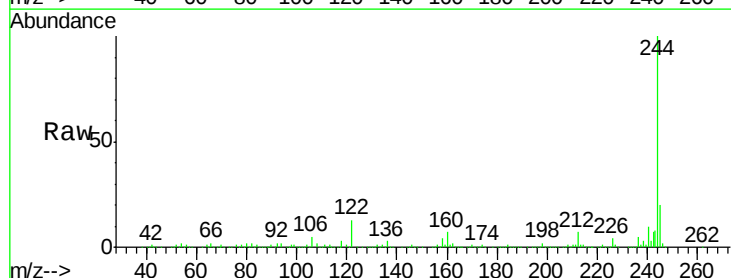


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

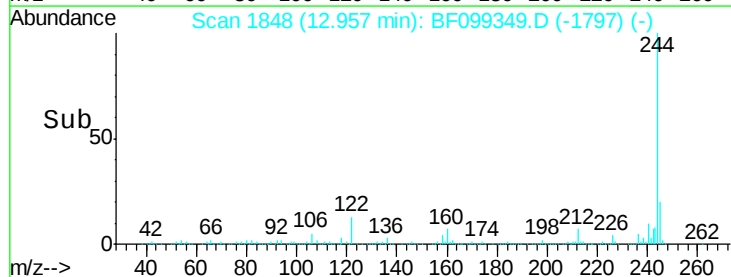
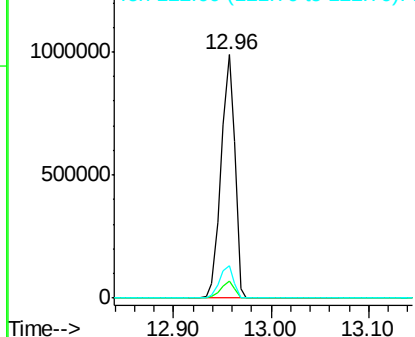


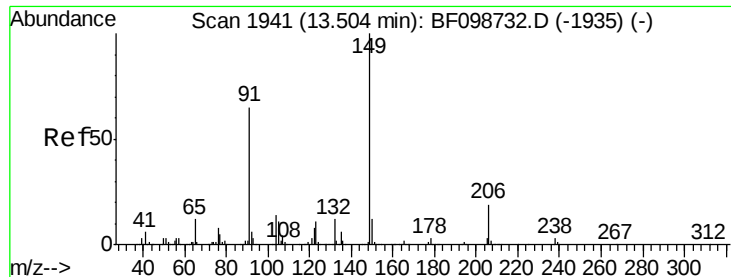
#78
Terphenyl-d14
Concen: 87.88 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:244 Resp: 972711
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

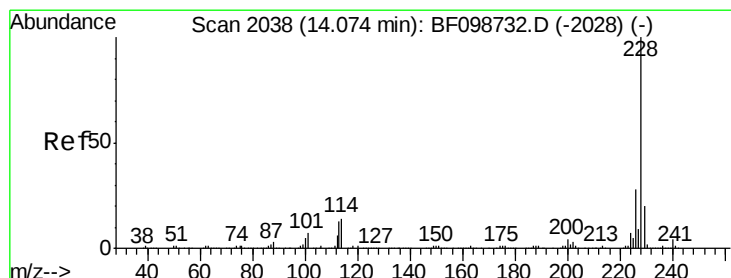
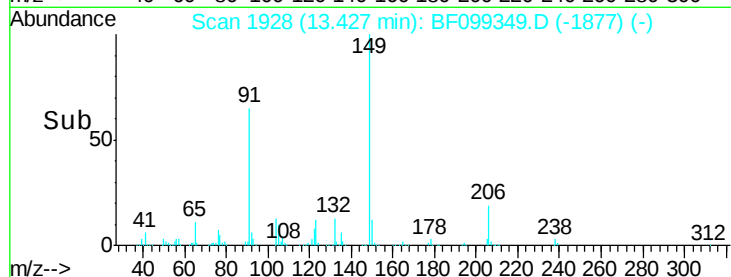
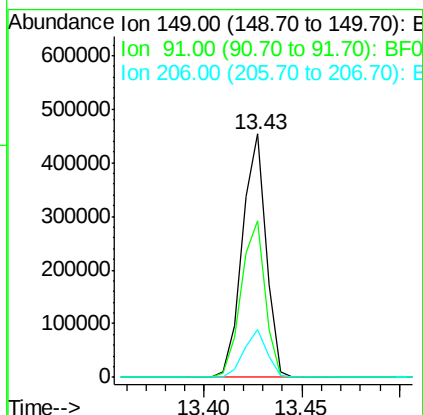
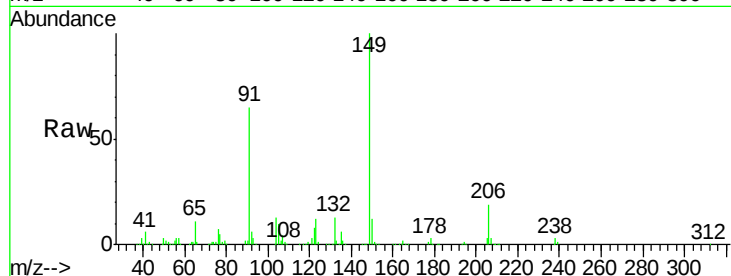




#79
Butylbenzylphthalate
Concen: 42.34 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

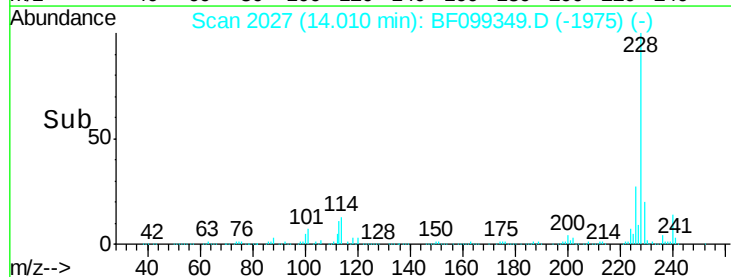
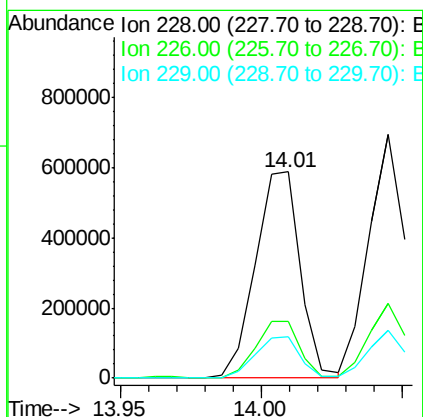
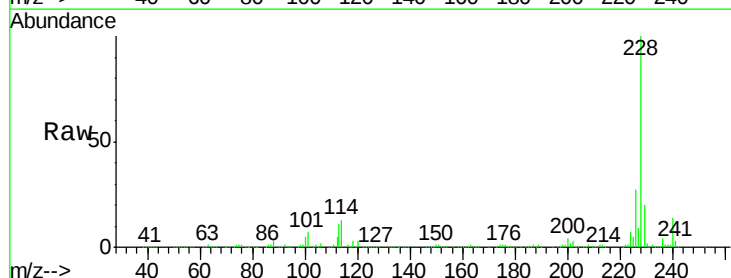
Instrument :
BNA_F
ClientSampleId :

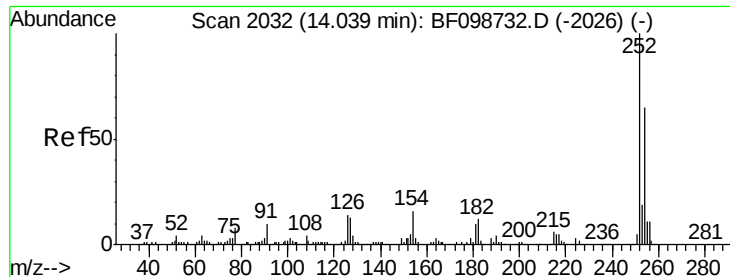
Tot Ion:149 Resp: 381908
Ion Ratio Lower Upper
149 100
91 64.5 56.8 85.2
206 19.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.46 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:228 Resp: 647151
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.8 15.8 23.6

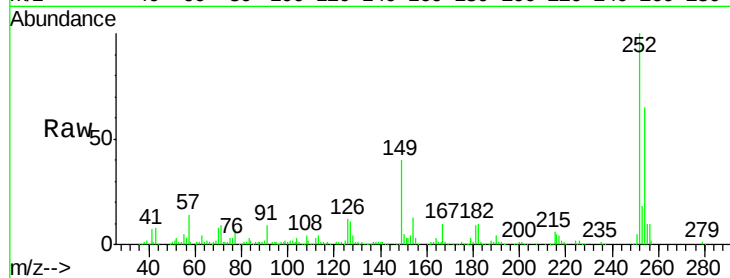




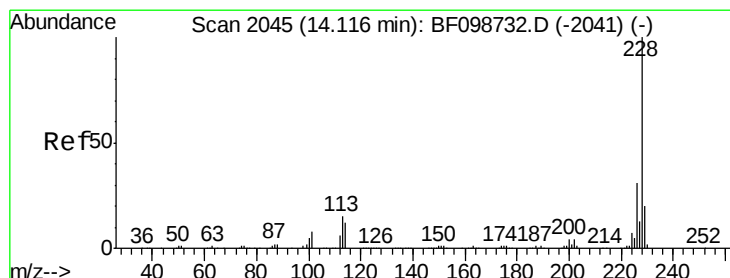
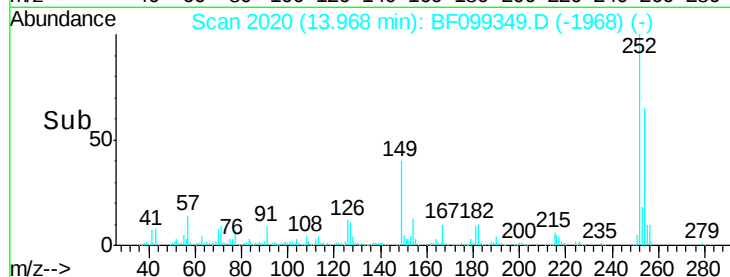
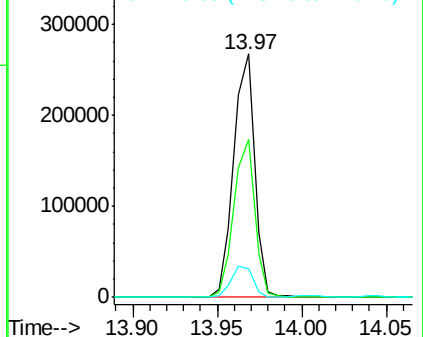
#81
 3,3'-Dichlorobenzidine
 Concen: 41.54 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	11.8	11.3	16.9

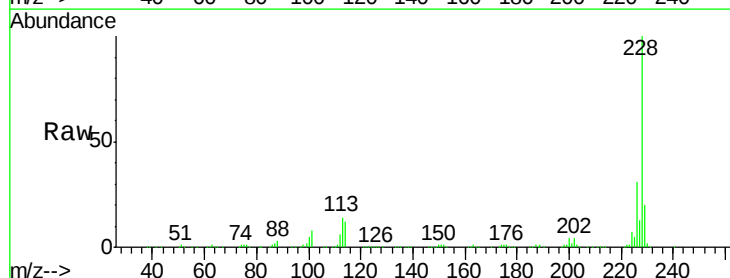


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

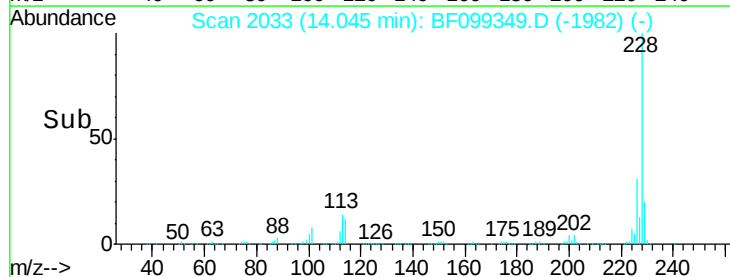
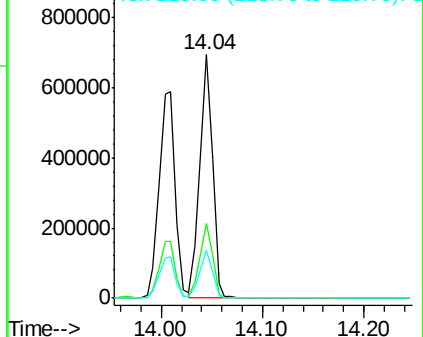


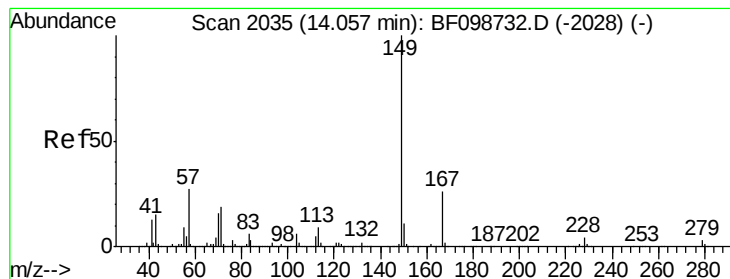
#82
 Chrysene
 Concen: 42.68 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.7	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: 41.21 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampleId :

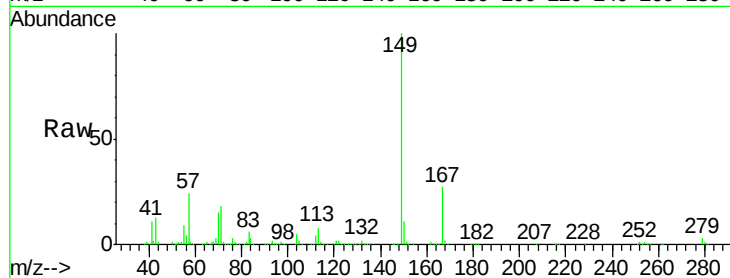
Tot Ion:149 Resp: 511891

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

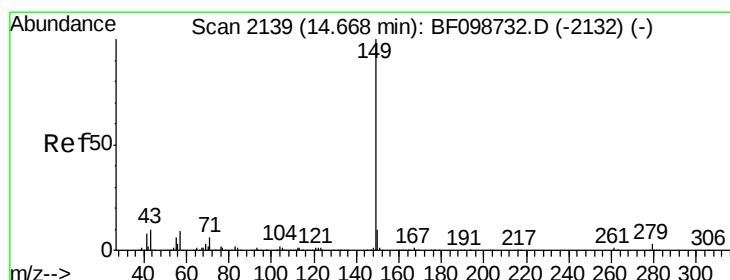
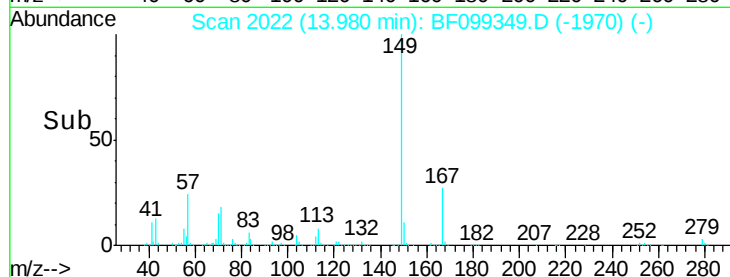
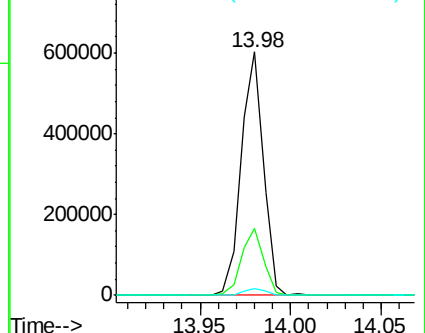
279 3.0 3.0 4.4



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: 41.19 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

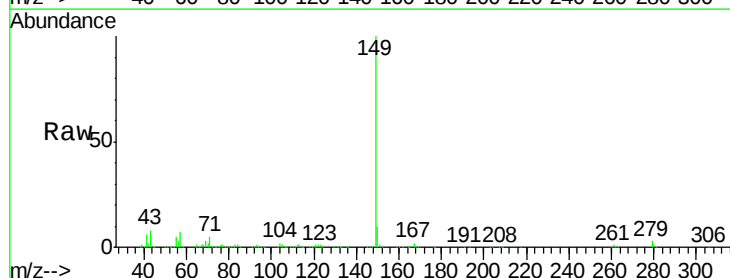
Tgt Ion:149 Resp: 823867

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

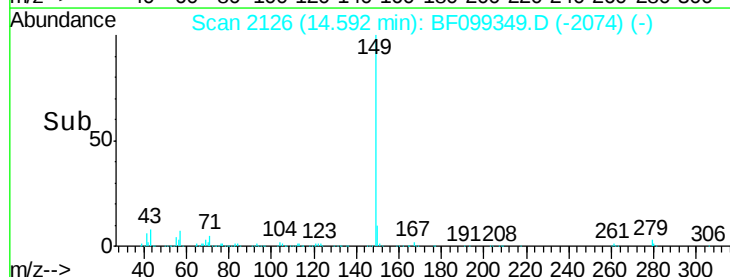
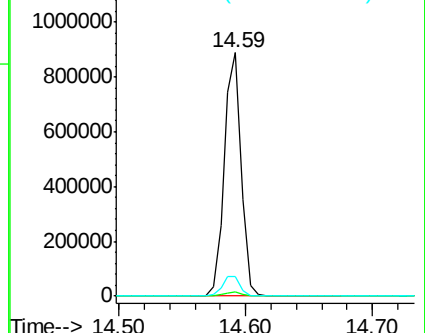
43 8.8 8.4 12.6

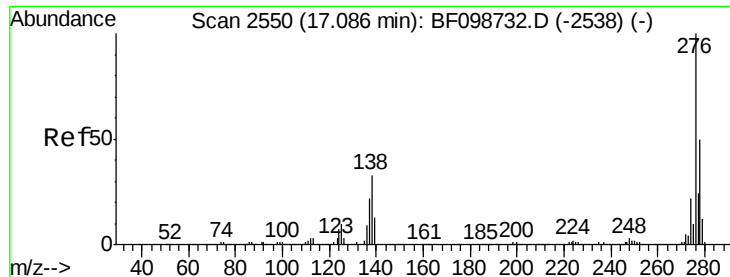


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

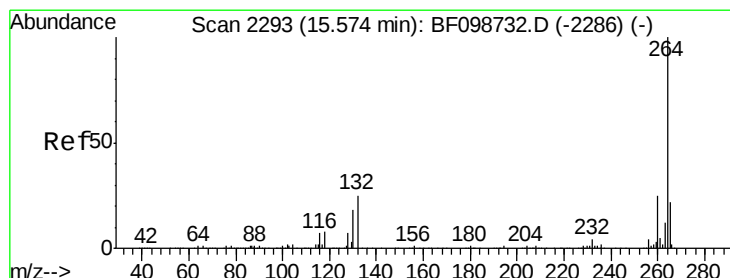
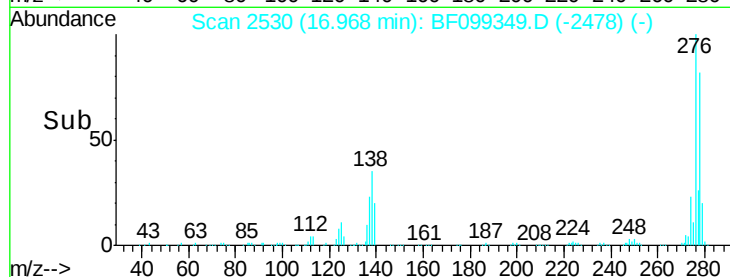
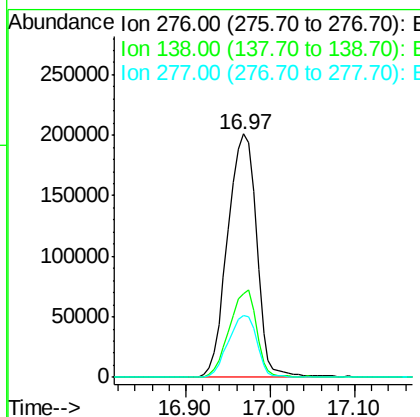
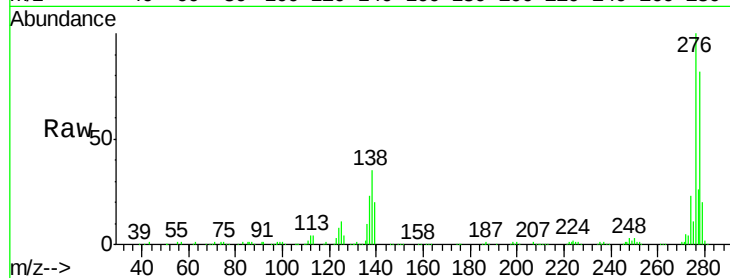




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.14 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. 0.01 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

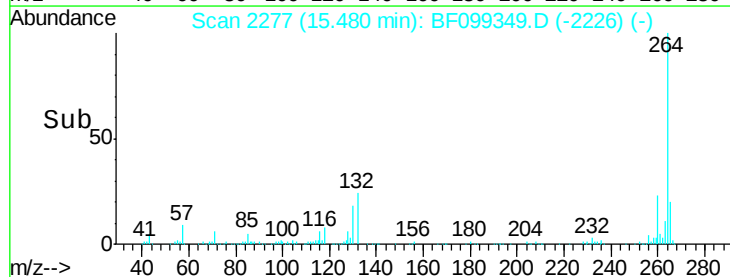
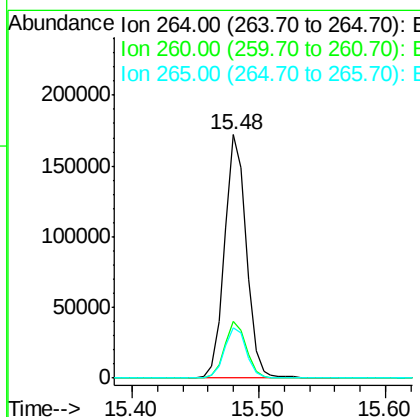
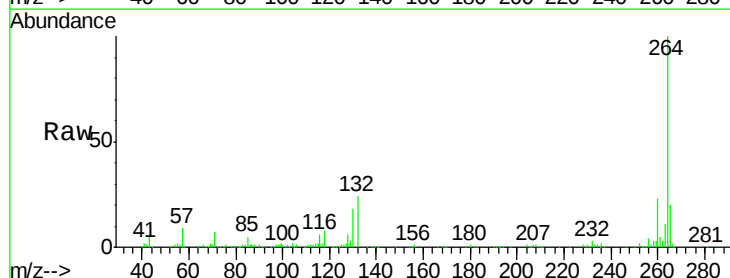
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 477500
 Ion Ratio Lower Upper
 276 100
 138 33.8 25.0 37.6
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Tgt Ion:264 Resp: 203820
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.5 17.5 26.3

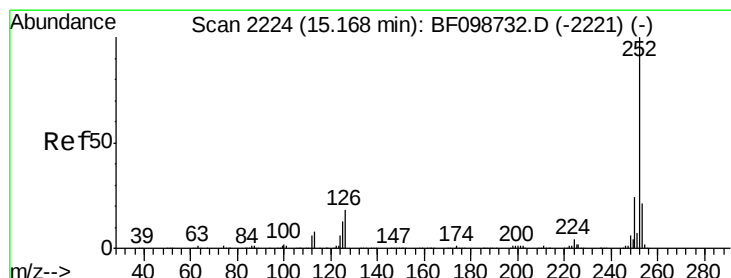
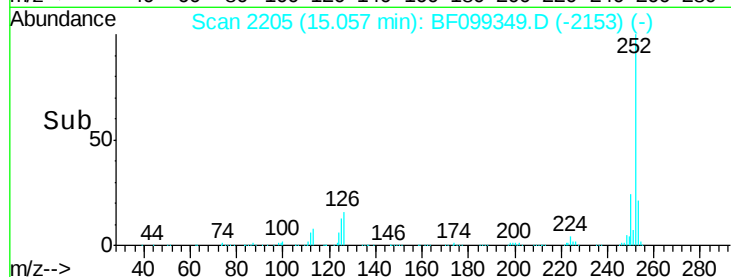
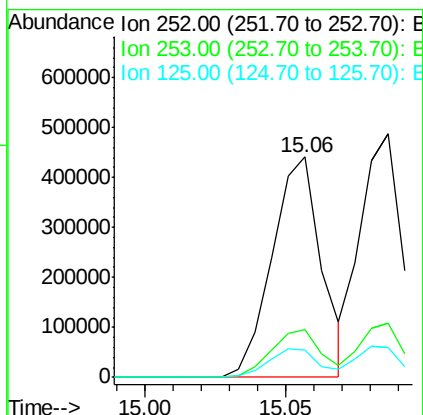
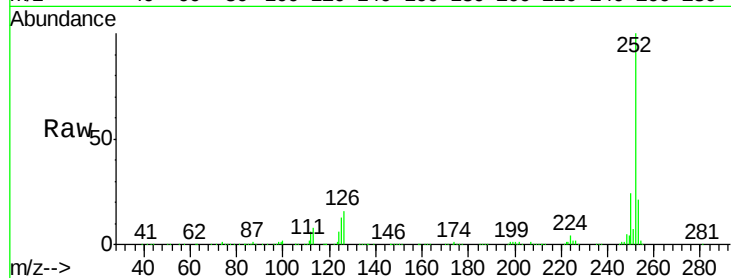




#87
Benzo(b)fluoranthene
Concen: 42.74 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

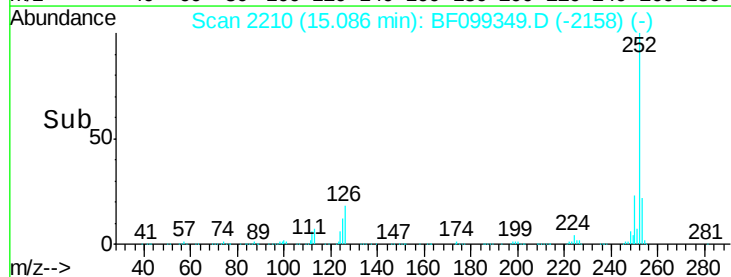
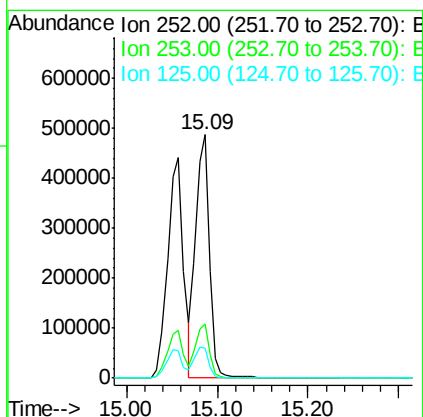
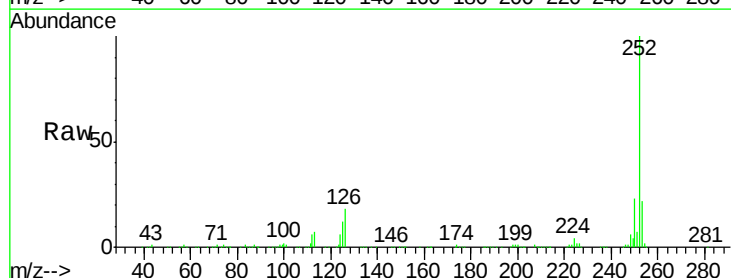
Instrument :
BNA_F
ClientSampleId :

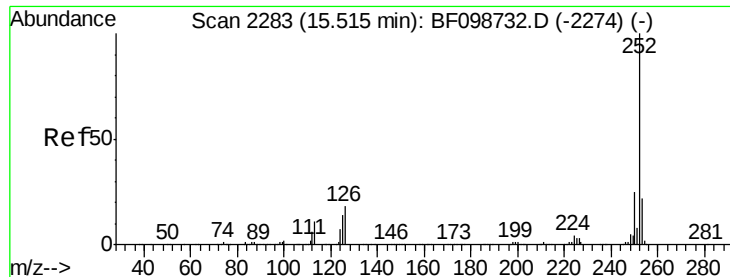
Tot Ion:252 Resp: 535602
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.23 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099349.D
Acq: 11 Oct 2017 17:15

Tgt Ion:252 Resp: 510371
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 12.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.13 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

Instrument :

BNA_F

ClientSampled :

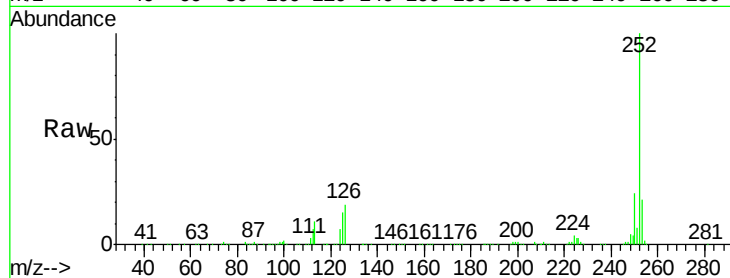
Tot Ion:252 Resp: 484573

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

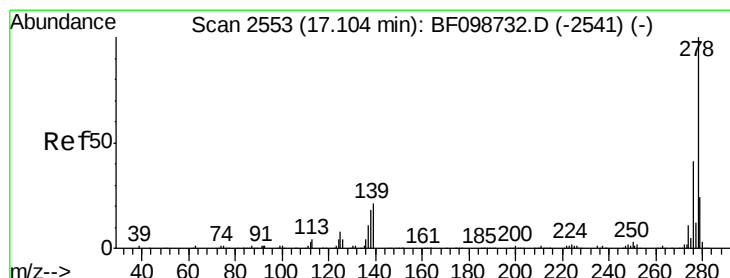
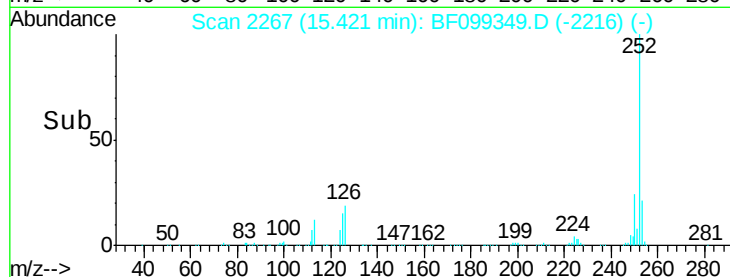
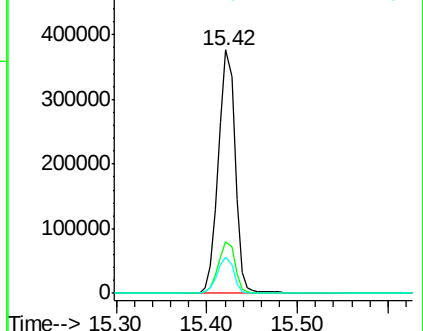
125 14.8 9.8 14.6#



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: 42.04 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF099349.D

Acq: 11 Oct 2017 17:15

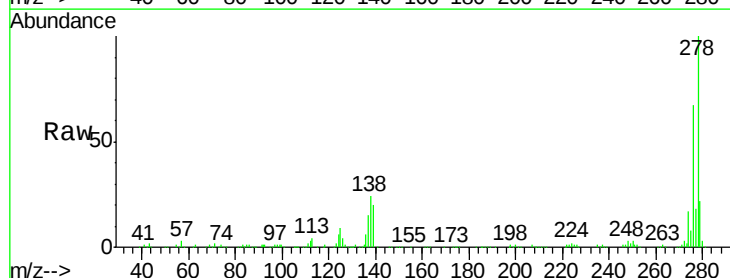
Tgt Ion:278 Resp: 387049

Ion Ratio Lower Upper

278 100

139 20.4 15.9 23.9

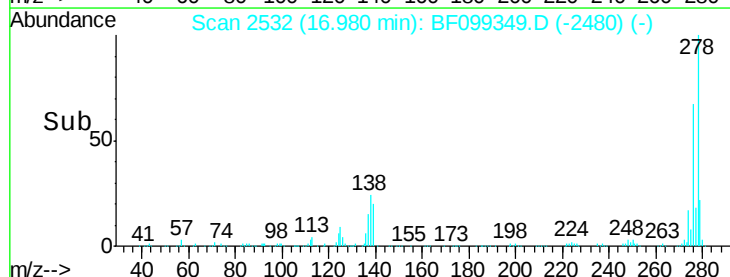
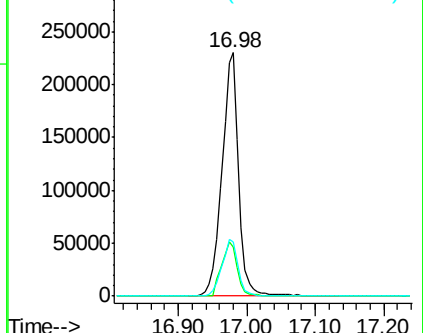
279 22.4 19.0 28.4

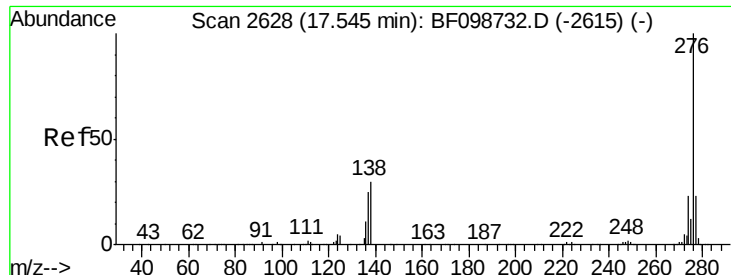


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

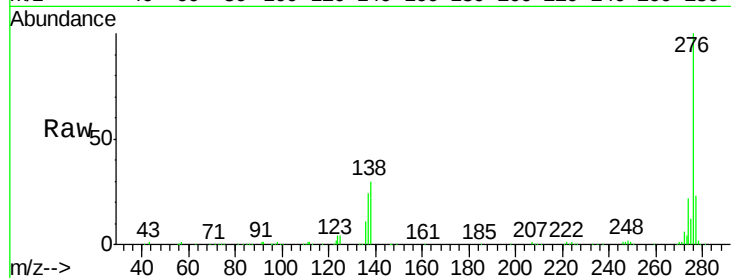




#91
 Benzo(a,h,i)perylene
 Concen: 43.69 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.01 min
 Lab File: BF099349.D
 Acq: 11 Oct 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	29.8	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

