

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098910.D
 Acq On : 28 Sep 2017 15:58
 Operator : SJ/JU
 Sample : I5447-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MSD

Quant Time: Sep 29 00:42:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	132782	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	534725	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	216727	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	318127	20.00	ng	0.00
75) Chrysene-d12	14.09	240	238977	20.00	ng	0.00
86) Perylene-d12	15.57	264	171954	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	968360	116.10	ng	0.00
7) Phenol-d6	6.55	99	1194703	116.11	ng	0.00
23) Nitrobenzene-d5	7.48	82	705463	84.61	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	181805	102.52	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1065282	82.06	ng	0.00
78) Terphenyl-d14	13.03	244	737512	70.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.75	88	127153	31.912	ng	98
3) Pyridine	3.53	79	371837	34.497	ng	97
4) n-Nitrosodimethylamine	3.48	42	184454	40.356	ng	99
6) Aniline	6.58	93	362015	26.068	ng	99
8) 2-Chlorophenol	6.70	128	371023	39.279	ng	98
9) Benzaldehyde	6.47	77	80121	13.423	ng	97
10) Phenol	6.56	94	488298	42.432	ng	99
11) bis(2-Chloroethyl)ether	6.65	93	377472	42.193	ng	100
12) 1,3-Dichlorobenzene	6.86	146	367344	37.133	ng	98
13) 1,4-Dichlorobenzene	6.93	146	375639	37.321	ng	100
14) 1,2-Dichlorobenzene	7.09	146	351371	37.782	ng	97
15) Benzyl Alcohol	7.06	79	315748	41.829	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	543261	38.976	ng	98
17) 2-Methylphenol	7.17	107	308882	39.964	ng	99
18) Hexachloroethane	7.43	117	110925	30.661	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	243858	37.120	ng	99
20) 3+4-Methylphenols	7.32	107	378153	38.675	ng	# 74
22) Acetophenone	7.33	105	491895	37.968	ng	# 98
24) Nitrobenzene	7.50	77	384159	40.615	ng	95
25) Isophorone	7.74	82	671184	38.934	ng	99
26) 2-Nitrophenol	7.82	139	164473	36.161	ng	95
27) 2,4-Dimethylphenol	7.85	122	317619	36.977	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	436260	40.608	ng	99
29) 2,4-Dichlorophenol	8.06	162	290831	39.435	ng	98
30) 1,2,4-Trichlorobenzene	8.14	180	287293	38.949	ng	98
31) Naphthalene	8.22	128	987103	39.305	ng	100
32) Benzoic acid	7.91	122	19517	2.766	ng	98
33) 4-Chloroaniline	8.27	127	285659	27.238	ng	99
34) Hexachlorobutadiene	8.33	225	141407	37.220	ng	99
35) Caprolactam	8.63	113	90532	38.269	ng	94
36) 4-Chloro-3-methylphenol	8.74	107	304640	36.751	ng	98
37) 2-Methylnaphthalene	8.91	142	656348	40.202	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	251306	38.881	ng	99
40) Hexachlorocyclopentadiene	9.06	237	42746	14.472	ng	93

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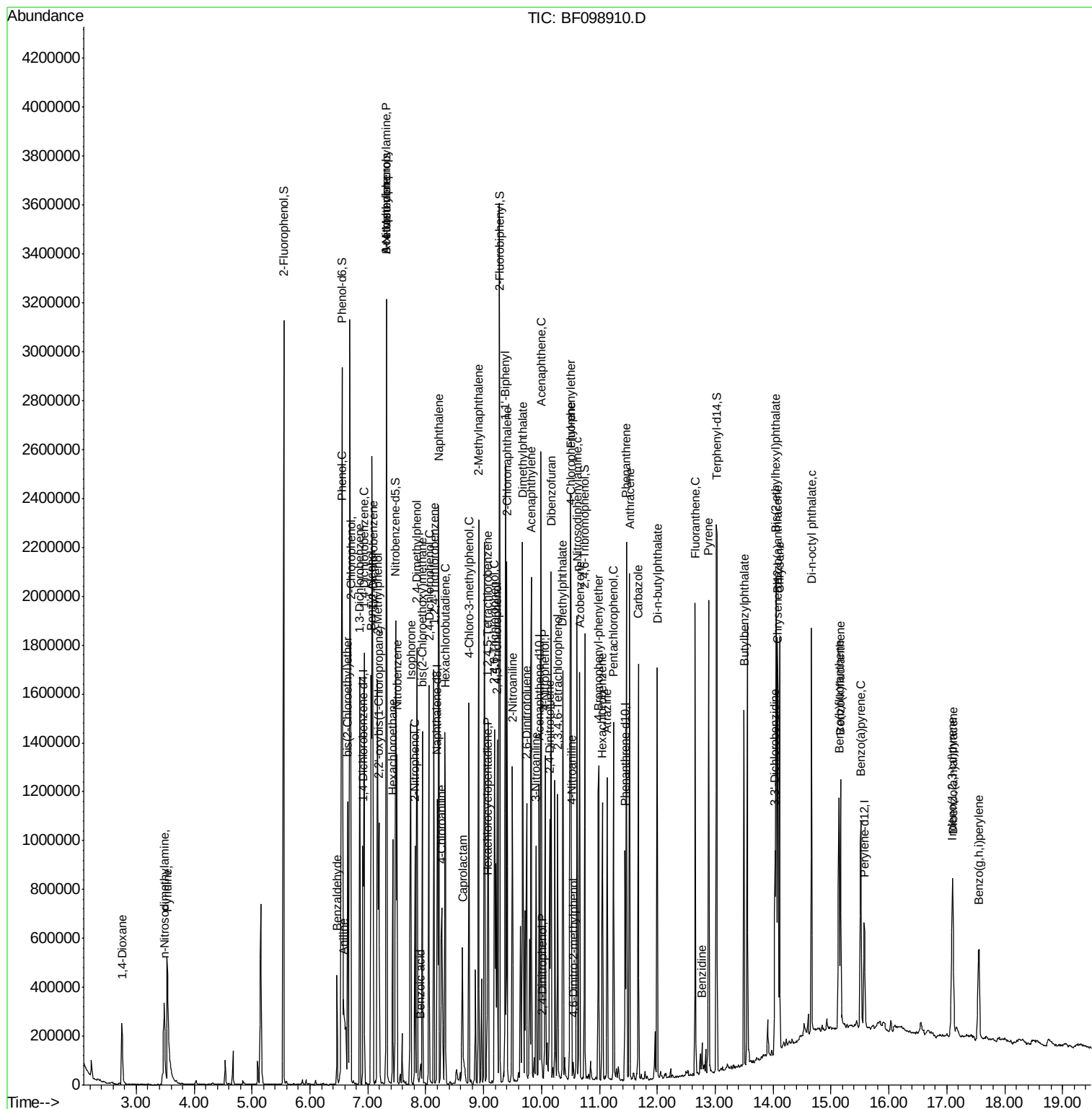
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	185109	40.427	nq	98
43) 2,4,5-Trichlorophenol	9.23	196	185649	40.616	nq	96
45) 1,1'-Biphenyl	9.37	154	737090	39.572	nq	99
46) 2-Chloronaphthalene	9.40	162	574525	41.081	nq	98
47) 2-Nitroaniline	9.50	65	198147	46.272	nq	99
48) Acenaphthylene	9.82	152	828582	38.703	nq	100
49) Dimethylphthalate	9.67	163	899799	55.009	nq	100
50) 2,6-Dinitrotoluene	9.74	165	139131	39.070	nq	93
51) Acenaphthene	9.99	154	492392	36.308	nq	100
52) 3-Nitroaniline	9.91	138	155589	37.471	nq	89
53) 2,4-Dinitrophenol	10.01	184	4581	8.119	nq	# 81
54) Dibenzofuran	10.16	168	740608	41.016	nq	99
55) 4-Nitrophenol	10.06	139	224250	63.870	nq	98
56) 2,4-Dinitrotoluene	10.14	165	165824	35.880	nq	100
57) Fluorene	10.50	166	543535	37.451	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	125595	39.776	nq	97
59) Diethylphthalate	10.37	149	646391	40.441	nq	100
60) 4-Chlorophenyl-phenylether	10.49	204	256195	39.298	nq	99
61) 4-Nitroaniline	10.52	138	148958	37.184	nq	92
62) Azobenzene	10.66	77	584604	39.779	nq	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	6374	3.293	nq	94
65) n-Nitrosodiphenylamine	10.62	169	493519	44.780	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	136698	43.899	nq	94
67) Hexachlorobenzene	11.05	284	129191	38.845	nq	95
68) Atrazine	11.13	200	138054	41.635	nq	99
69) Pentachlorophenol	11.24	266	135609	65.516	nq	99
70) Phenanthrene	11.47	178	723121	42.465	nq	99
71) Anthracene	11.52	178	728462	41.810	nq	99
72) Carbazole	11.67	167	659958	38.680	nq	100
73) Di-n-butylphthalate	12.00	149	865809	42.158	nq	99
74) Fluoranthene	12.66	202	726655	42.141	nq	99
76) Benzidine	12.77	184	47703	5.397	nq	98
77) Pyrene	12.89	202	743792	40.816	nq	100
79) Butylbenzylphthalate	13.50	149	341943	39.926	nq	95
80) Benzo(a)anthracene	14.07	228	595490	41.152	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	149133	28.113	nq	97
82) Chrysene	14.11	228	563864	40.929	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	498048	42.234	nq	# 99
84) Di-n-octyl phthalate	14.66	149	831358	43.782	nq	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	367262	33.325	nq	97
87) Benzo(b)fluoranthene	15.14	252	463181	43.810	nq	98
88) Benzo(k)fluoranthene	15.17	252	428758	41.059	nq	99
89) Benzo(a)pyrene	15.52	252	399894	41.206	nq	98
90) Dibenzo(a,h)anthracene	17.11	278	304388	39.192	nq	97
91) Benzo(g,h,i)perylene	17.56	276	297391	38.737	nq	96

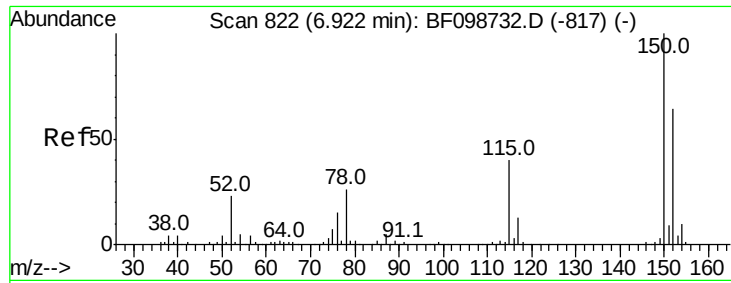
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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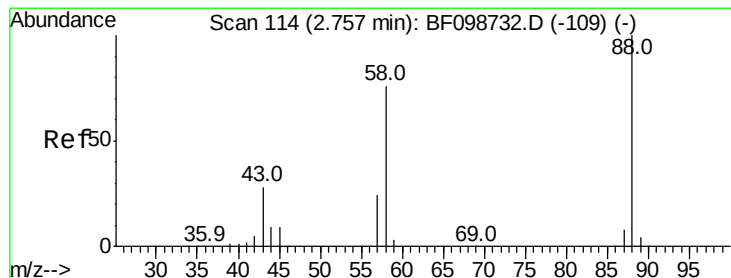
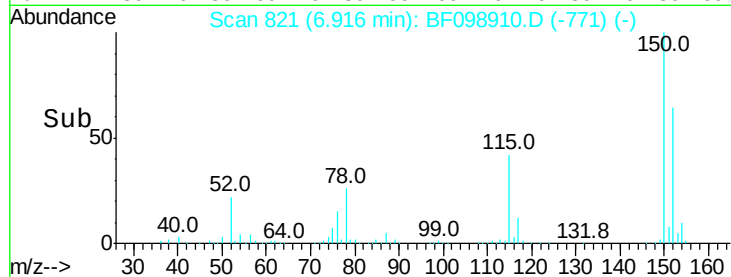
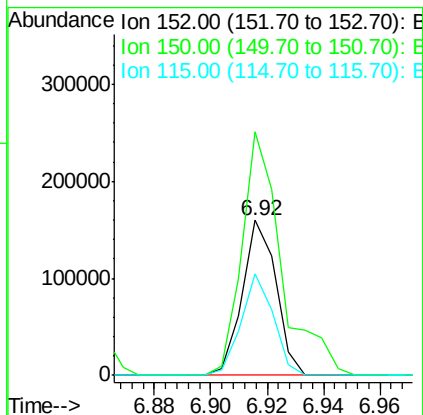
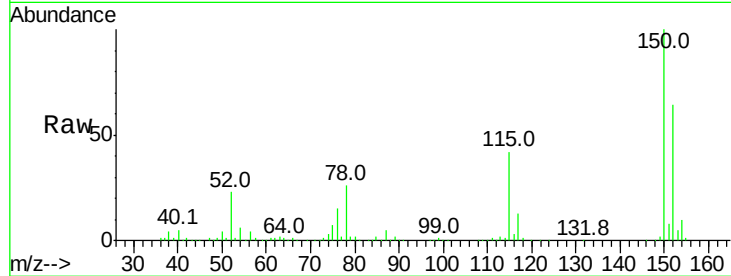


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

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BNA_F
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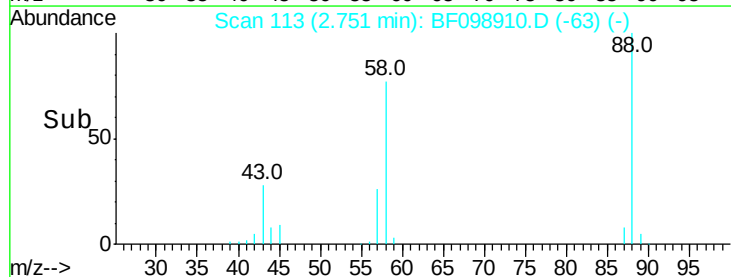
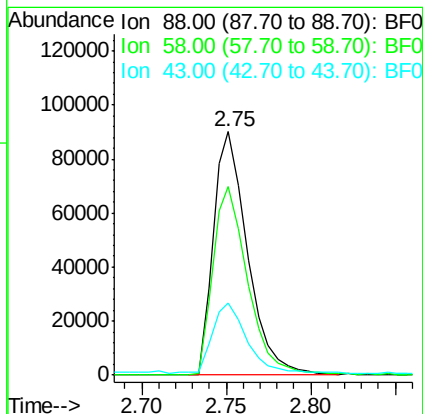
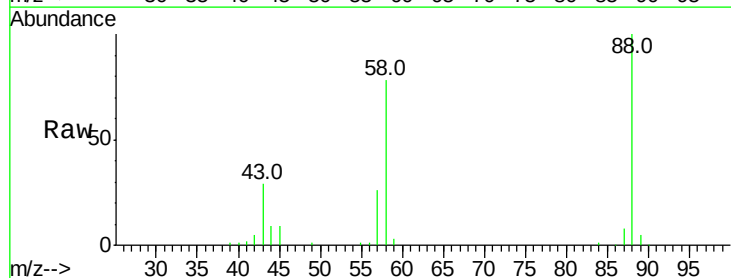
Tot Ion:152 Resp: 132782
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 65.6 50.1 75.1

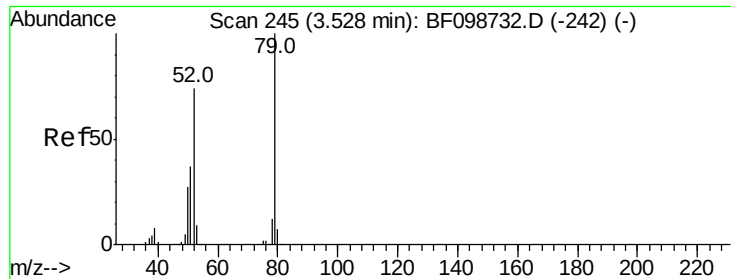


#2

1,4-Dioxane
Concen: 31.912 ng
RT: 2.75 min Scan# 113
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion: 88 Resp: 127153
Ion Ratio Lower Upper
88 100
58 79.1 62.6 93.8
43 28.8 24.6 37.0





#3

Pvridine

Concen: 34.497 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

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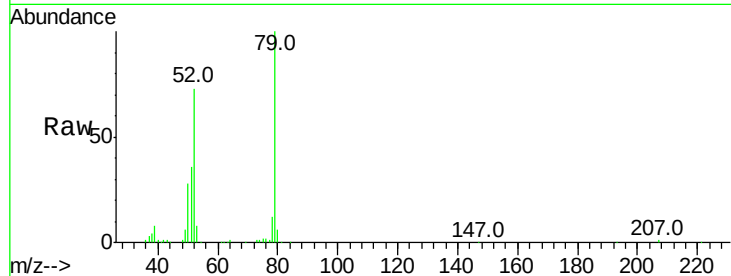
Tot Ion: 79 Resp: 371837

Ion Ratio Lower Upper

79 100

52 72.5 59.8 89.6

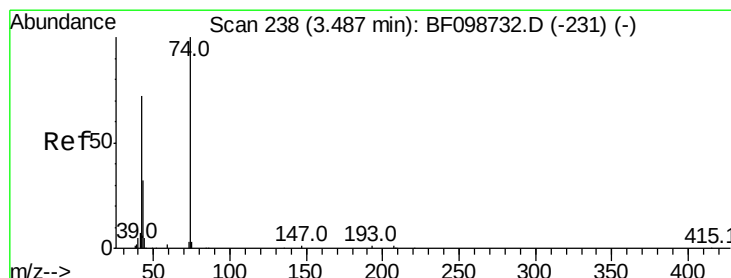
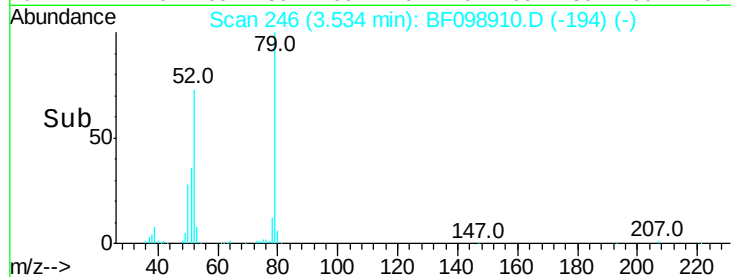
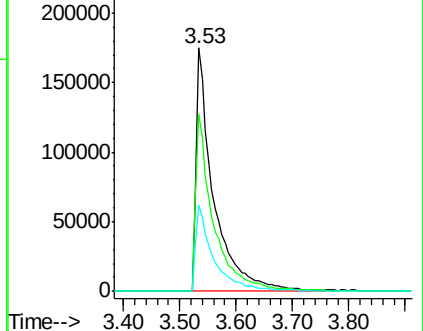
51 35.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.356 ng

RT: 3.48 min Scan# 237

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

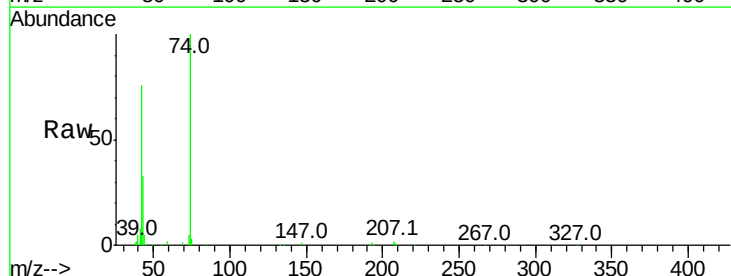
Tgt Ion: 42 Resp: 184454

Ion Ratio Lower Upper

42 100

74 132.1 104.9 157.3

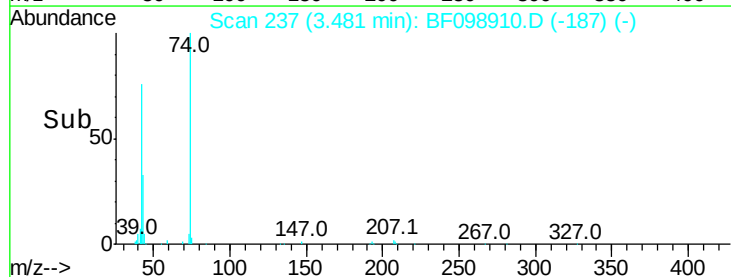
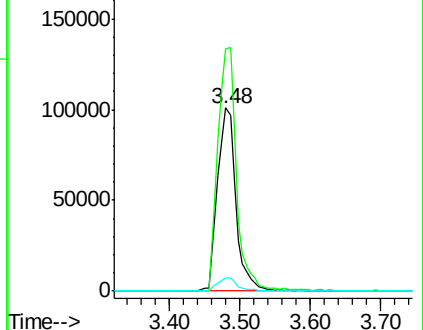
44 7.2 6.9 10.3

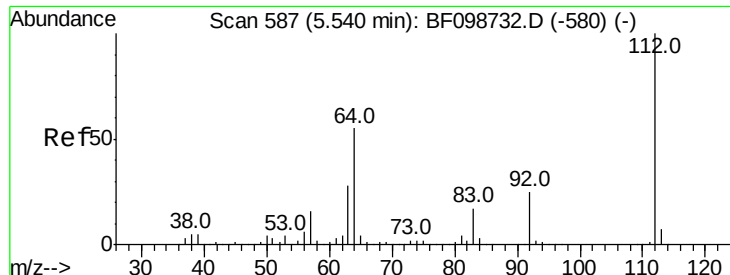


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.095 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

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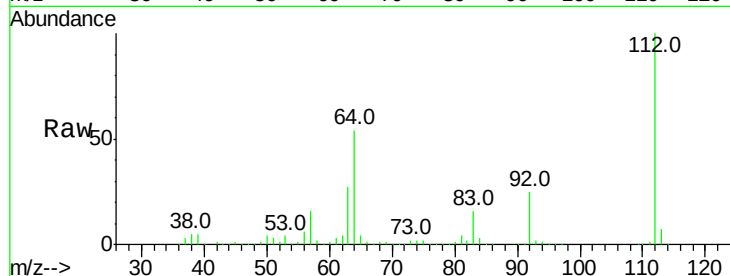
Tot Ion:112 Resp: 968360

Ion Ratio Lower Upper

112 100

64 54.4 47.9 71.9

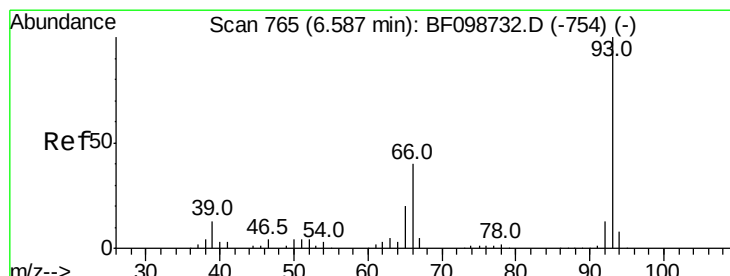
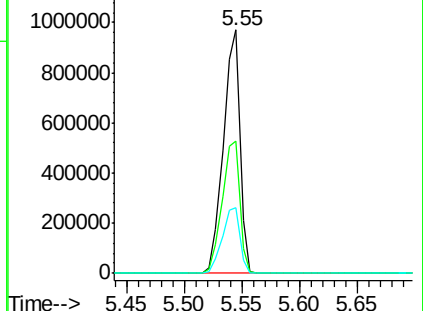
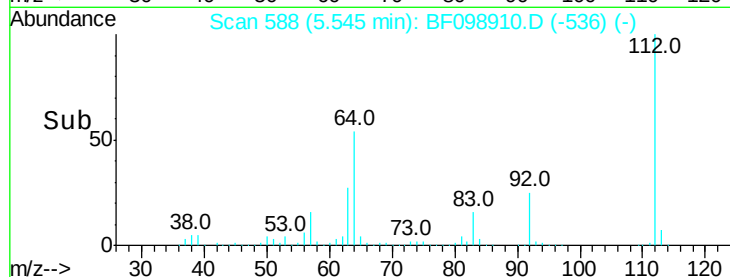
63 27.2 23.7 35.5



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: 26.068 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098910.D

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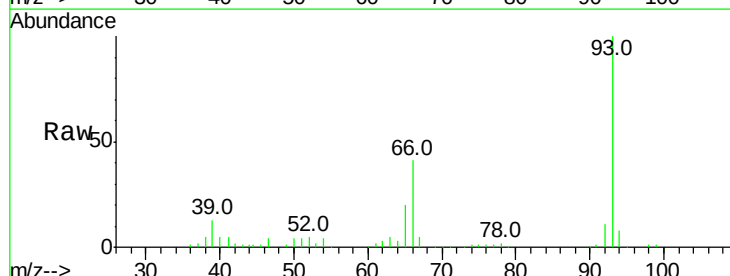
Tgt Ion: 93 Resp: 362015

Ion Ratio Lower Upper

93 100

66 40.5 32.2 48.2

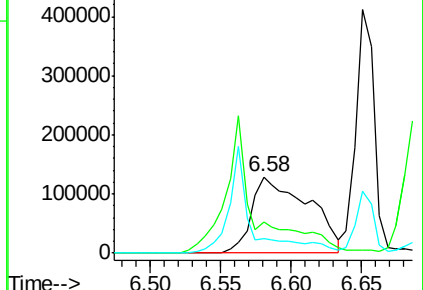
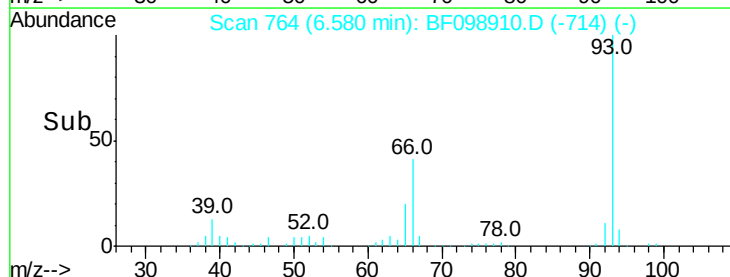
65 19.8 16.4 24.6

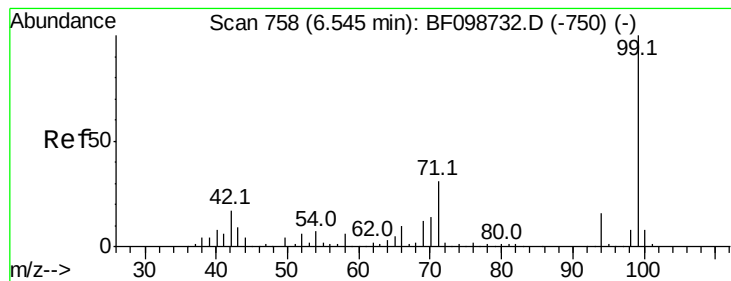


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.107 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

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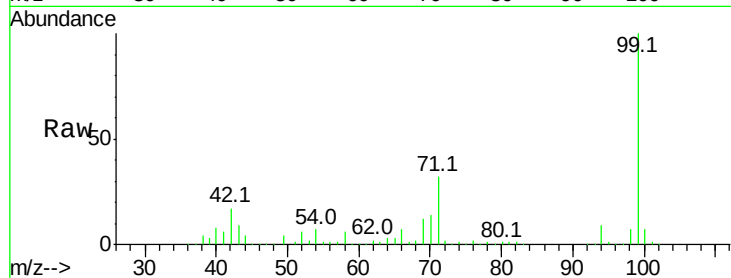
Tot Ion: 99 Resp: 1194703

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

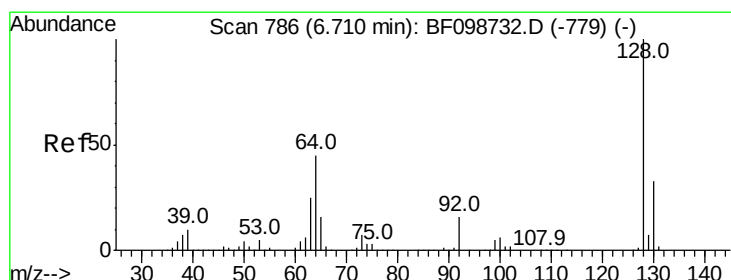
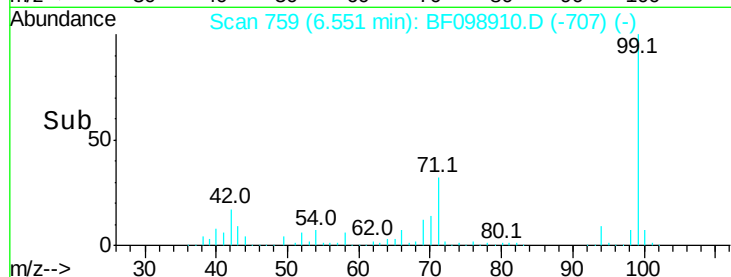
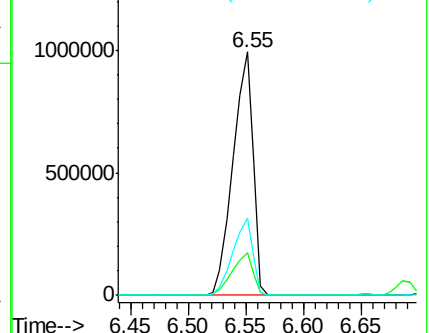
71 31.5 25.4 38.0



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: 39.279 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

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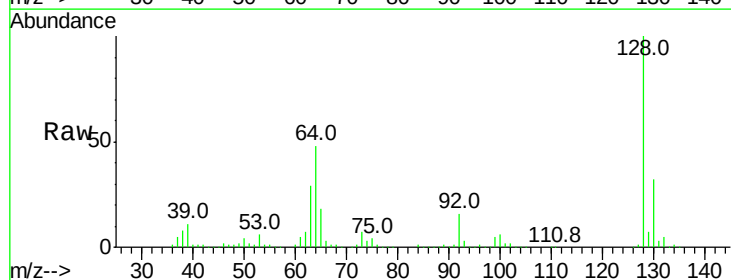
Tgt Ion:128 Resp: 371023

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

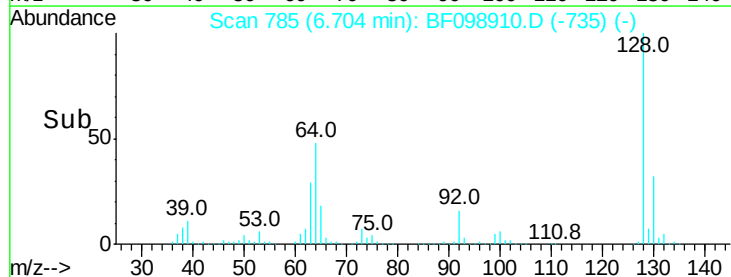
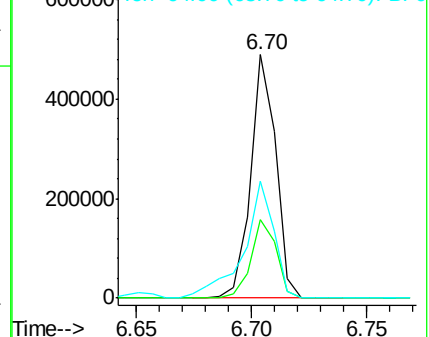
64 48.1 29.4 69.4

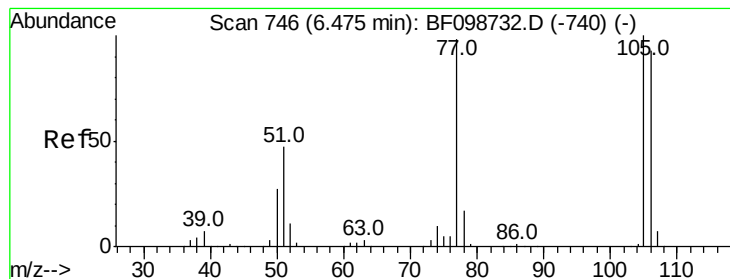


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.423 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

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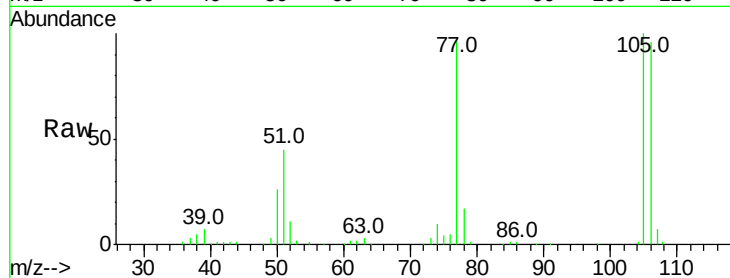
Tot Ion: 77 Resp: 80121

Ion Ratio Lower Upper

77 100

105 103.2 81.1 121.1

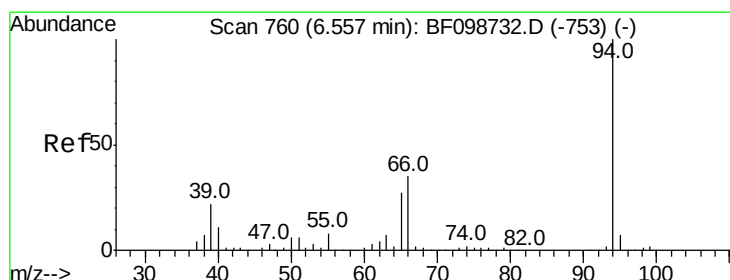
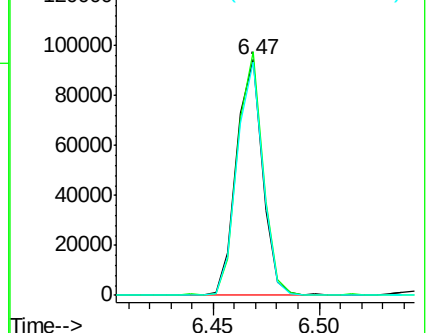
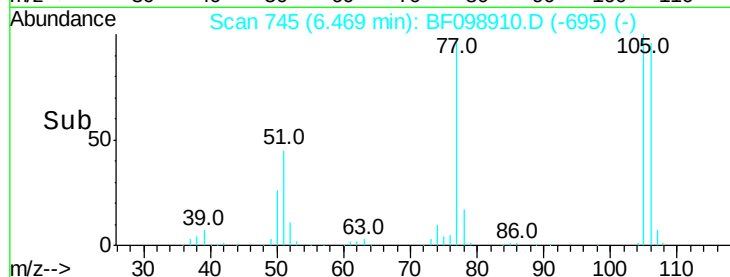
106 98.8 74.5 114.5



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: 42.432 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

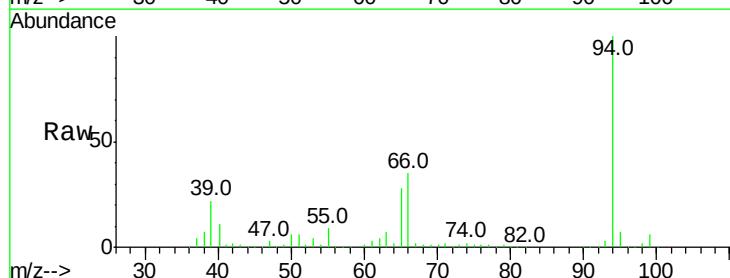
Tgt Ion: 94 Resp: 488298

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

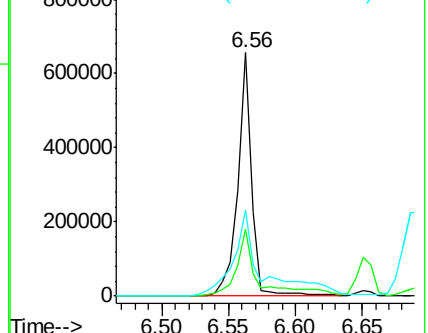
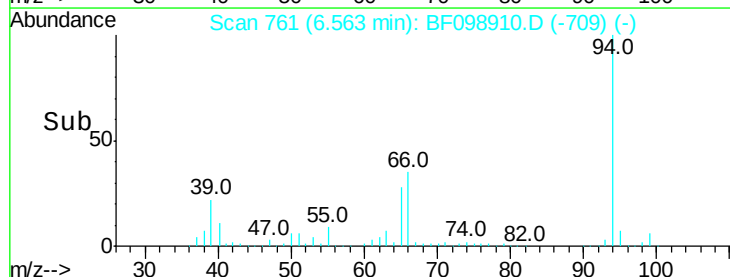
66 35.3 16.2 56.2

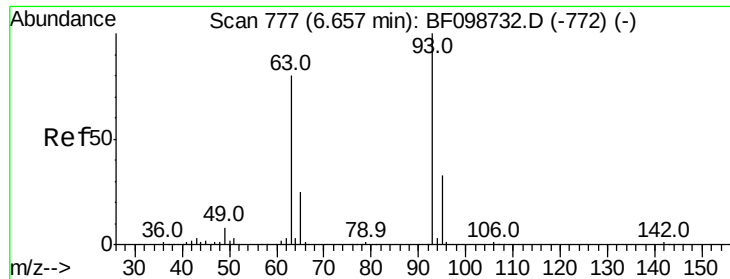


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.193 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

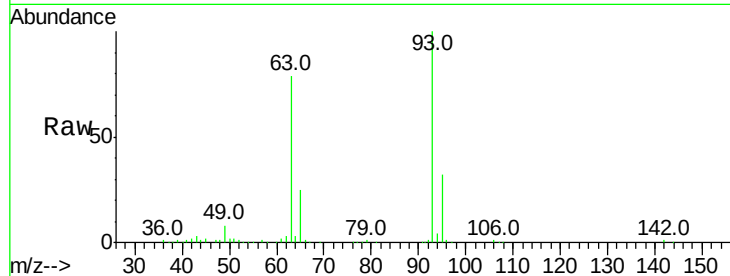
Tot Ion: 93 Resp: 377472

Ion Ratio Lower Upper

93 100

63 79.1 58.6 98.6

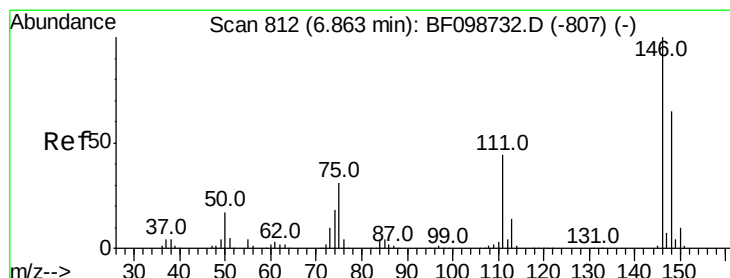
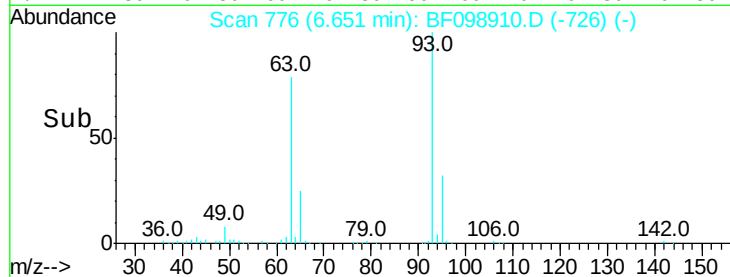
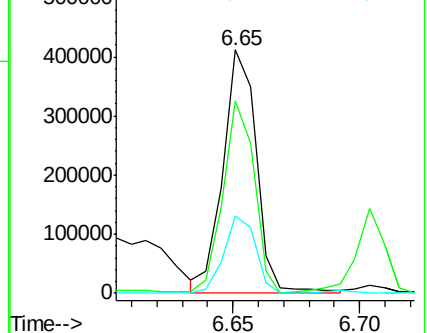
95 31.9 11.8 51.8



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: 37.133 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

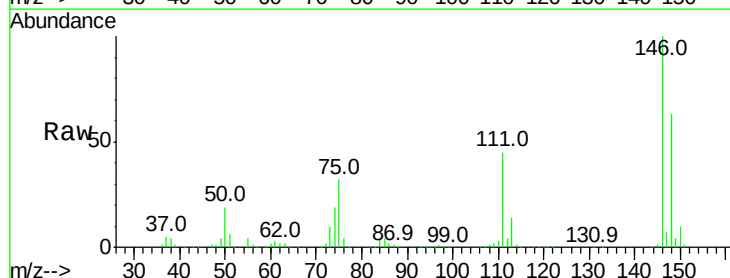
Tgt Ion: 146 Resp: 367344

Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.8

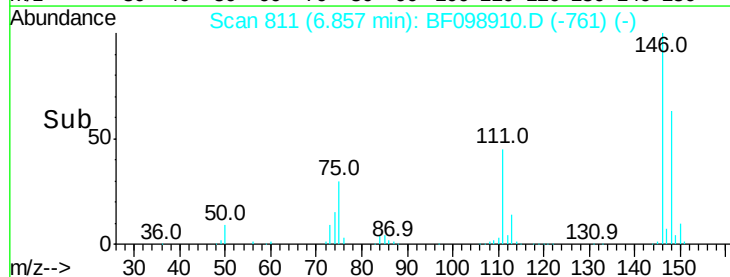
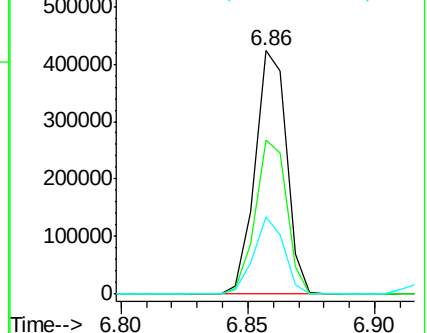
75 31.7 24.2 36.4

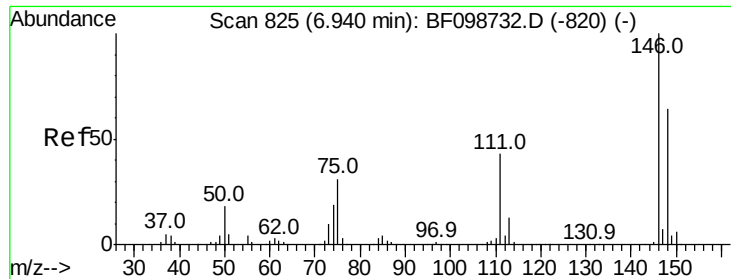


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

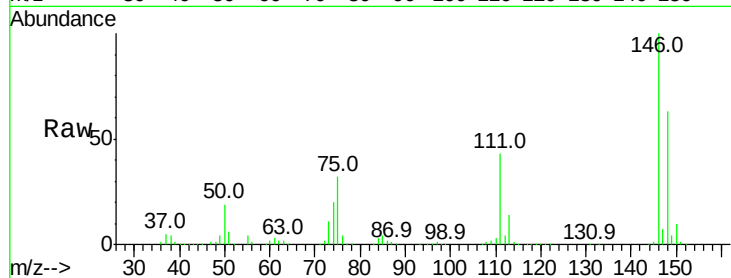




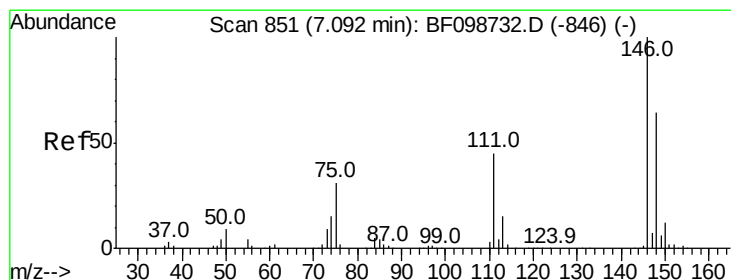
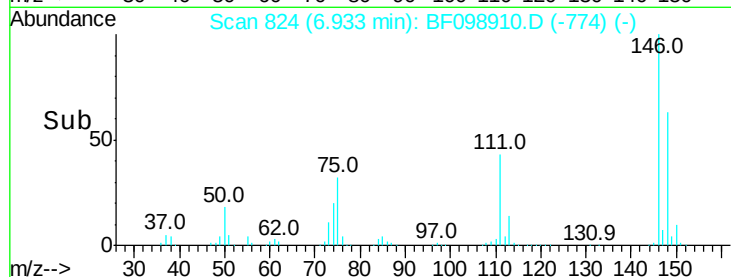
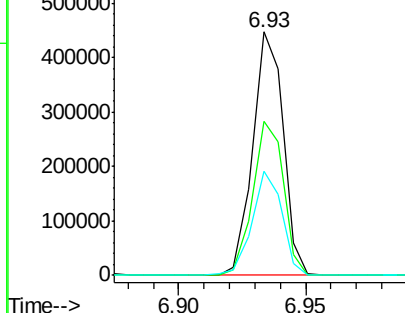
#13
 1,4-Dichlorobenzene
 Concen: 37.321 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MSD

Tot Ion:146 Resp: 375639
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 42.8 34.2 51.2

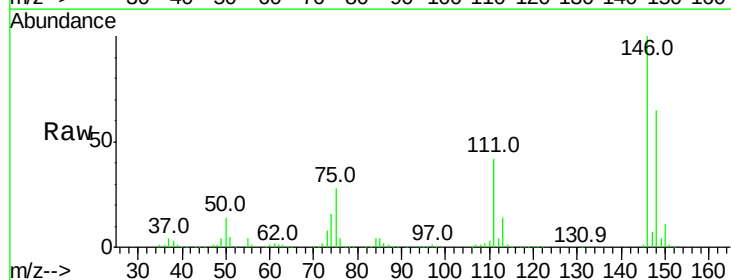


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

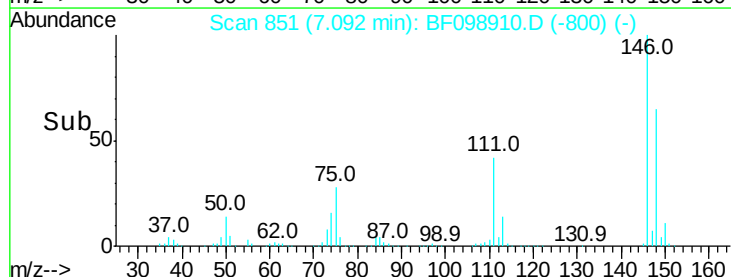
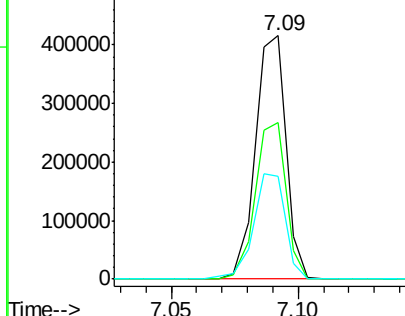


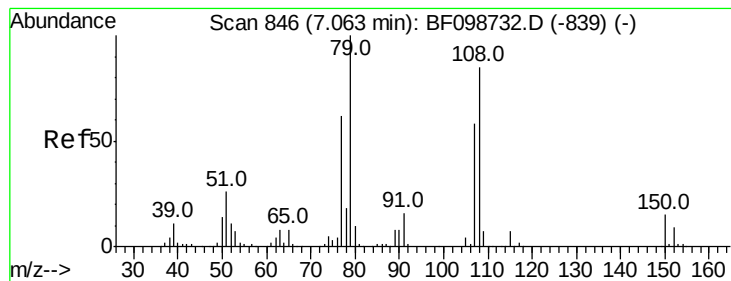
#14
 1,2-Dichlorobenzene
 Concen: 37.782 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion:146 Resp: 351371
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 75.8
 111 42.5 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: 41.829 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

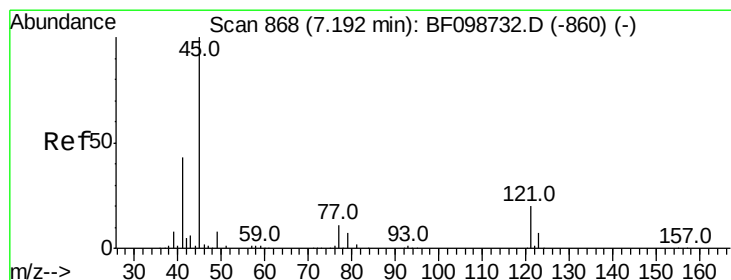
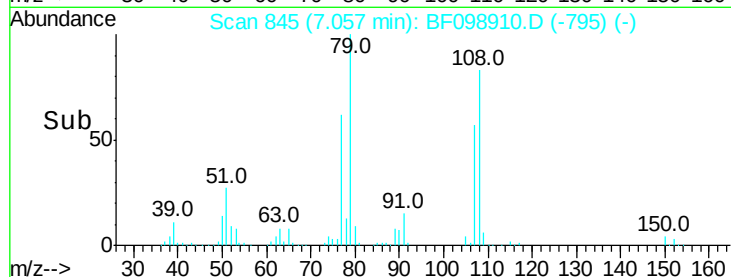
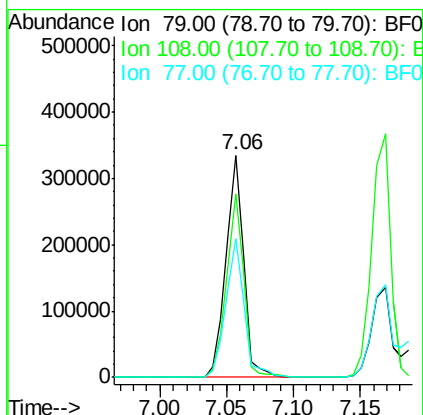
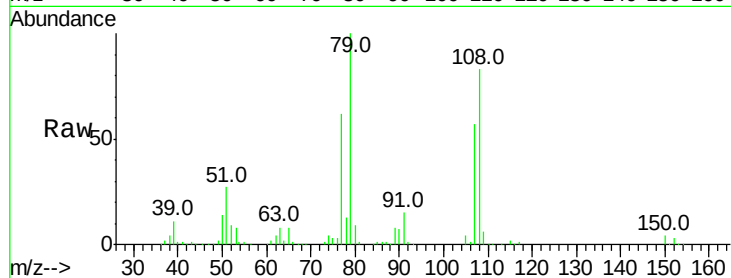
Tot Ion: 79 Resp: 315748

Ion Ratio Lower Upper

79 100

108 82.6 65.1 97.7

77 62.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.976 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

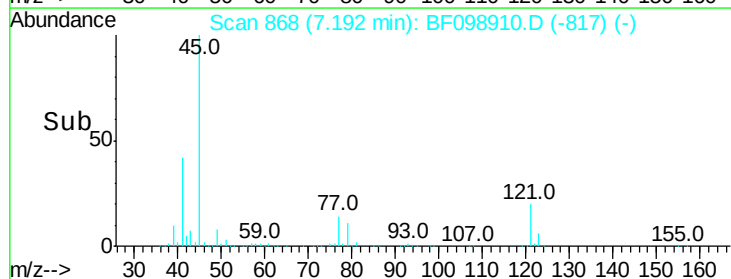
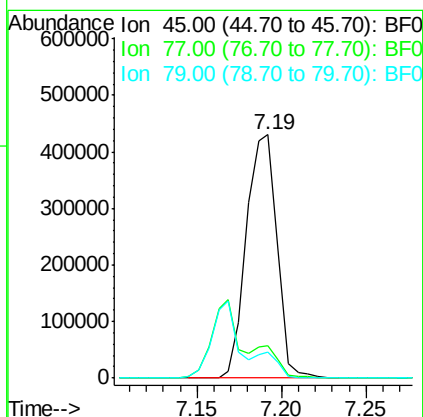
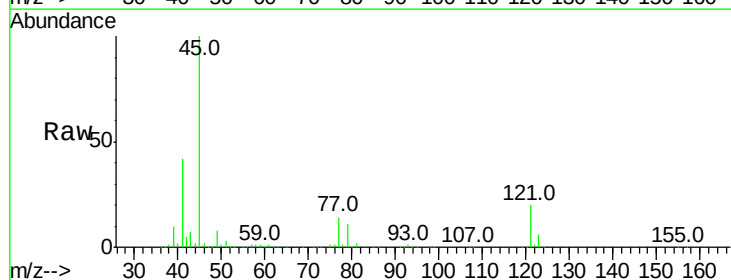
Tgt Ion: 45 Resp: 543261

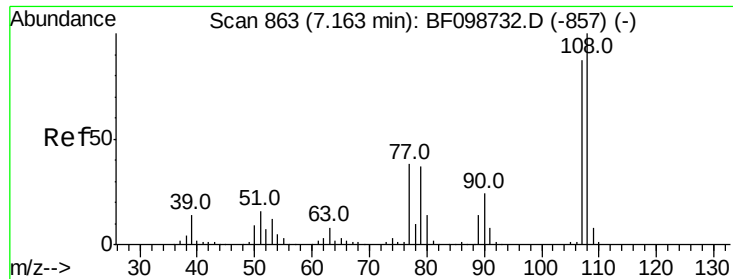
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 10.9 0.0 29.6

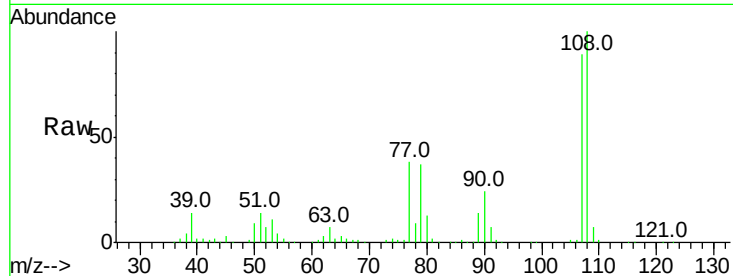




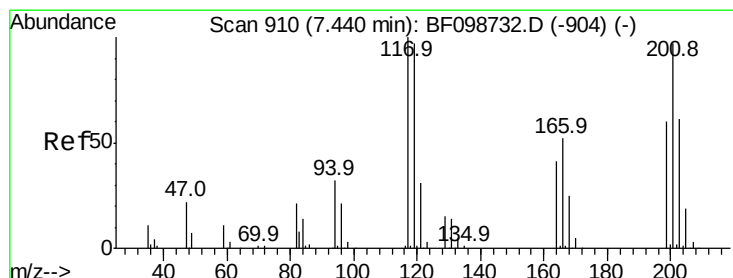
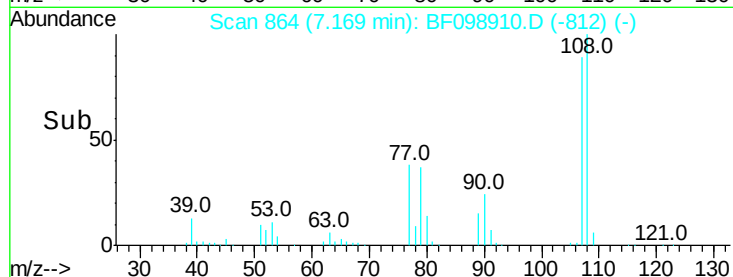
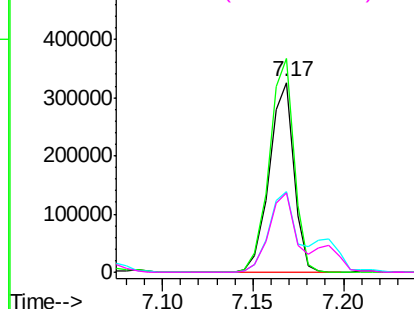
#17
2-Methylphenol
Concen: 39.964 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MSD

Tot Ion:107 Resp: 308882
Ion Ratio Lower Upper
107 100
108 112.6 91.7 137.5
77 42.6 33.8 50.8
79 41.7 33.8 50.8

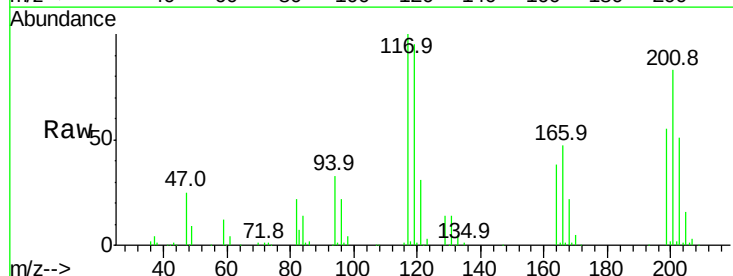


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

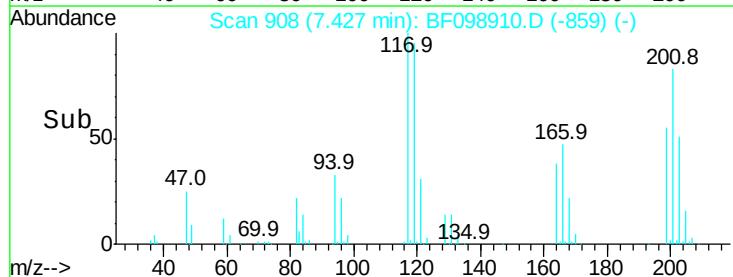
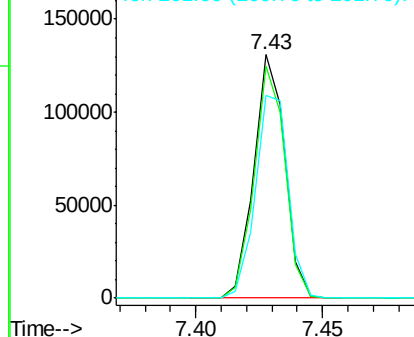


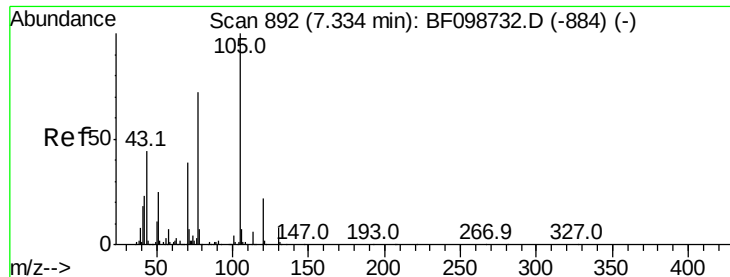
#18
Hexachloroethane
Concen: 30.661 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:117 Resp: 110925
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 83.1 75.7 113.5



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

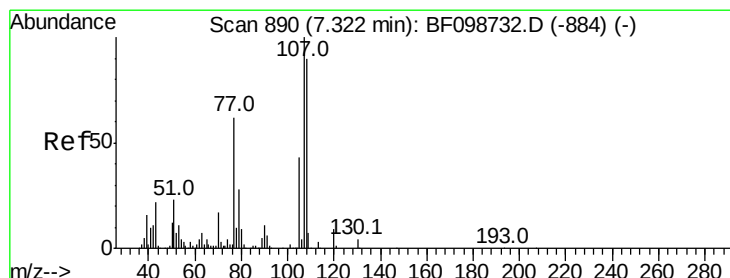
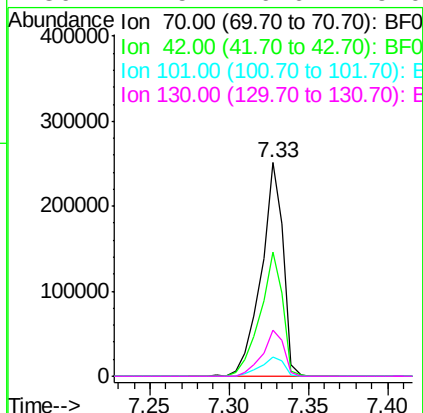
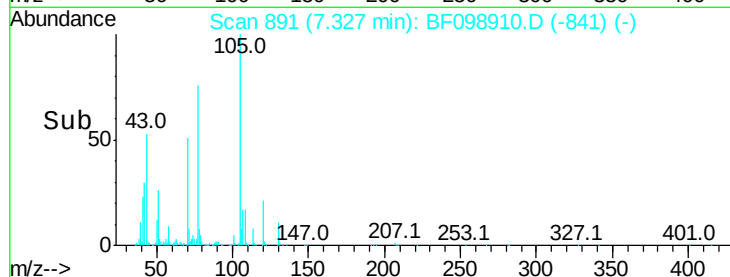
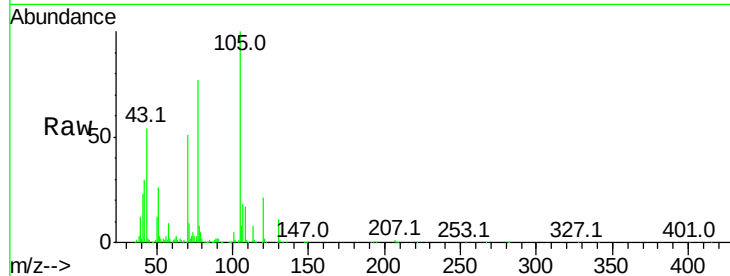




#19
n-Nitroso-di-n-propylamine
Concen: 37.120 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

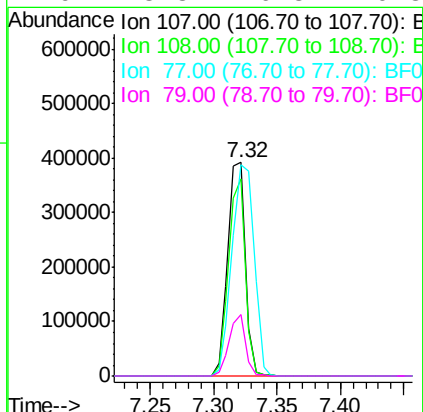
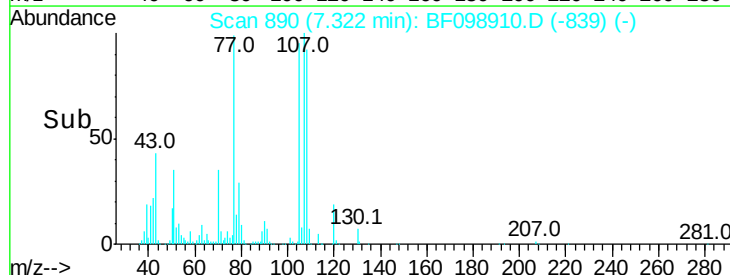
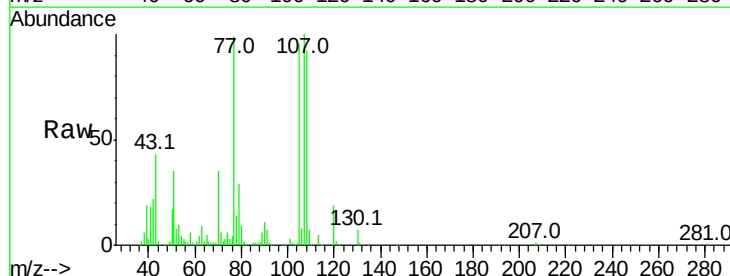
Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MSD

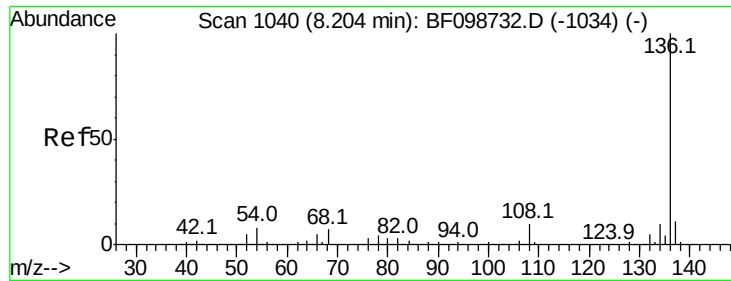
Tot Ion:	70	Resp:	243858
Ion	Ratio	Lower	Upper
70	100		
42	58.3	47.5	71.3
101	9.3	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.675 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:	107	Resp:	378153
Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	99.1	26.7	66.7#
79	28.8	6.3	46.3

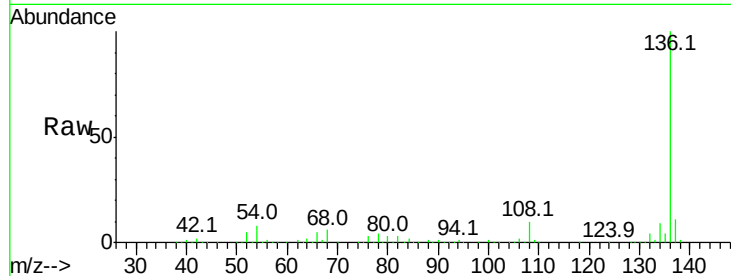




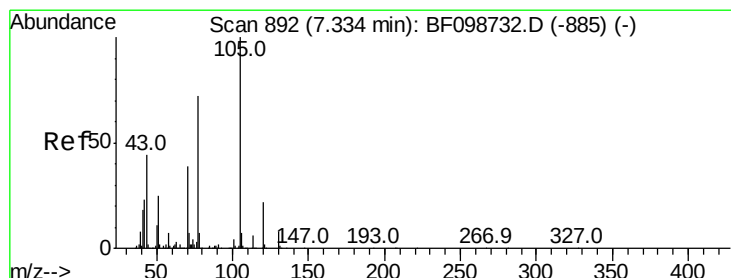
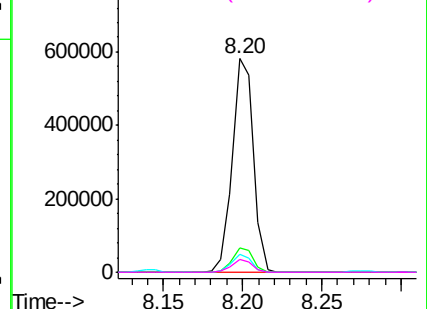
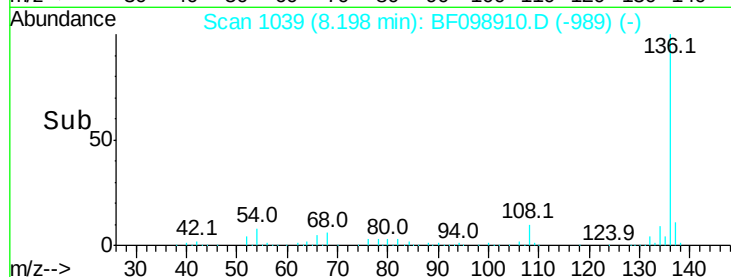
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MSD

Tot Ion:136	Resp:	534725
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	8.3	6.6 9.8
68	6.1	5.0 7.4

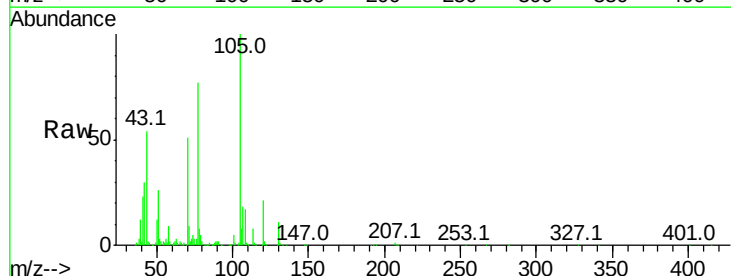


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

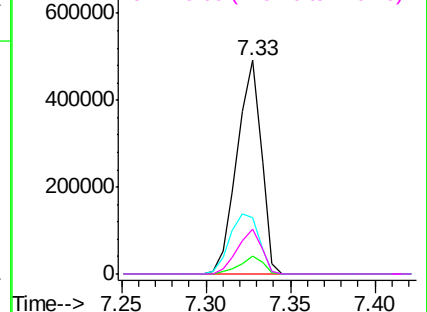
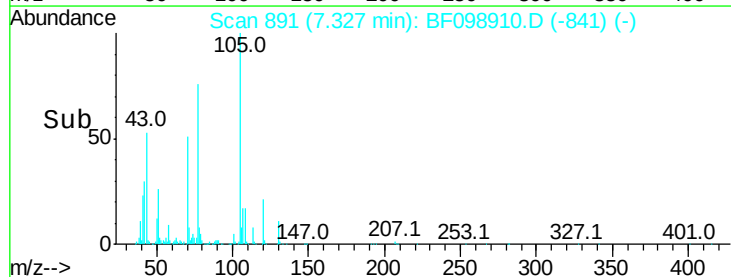


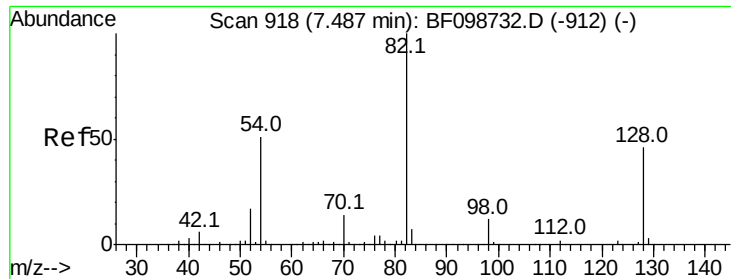
#22
Acetophenone
Concen: 37.968 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:105	Resp:	491895
Ion Ratio	Lower	Upper
105	100	
71	8.5	4.4 6.6#
51	26.5	22.3 33.5
120	21.2	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

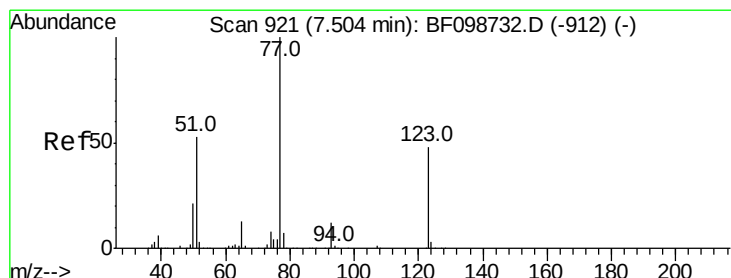
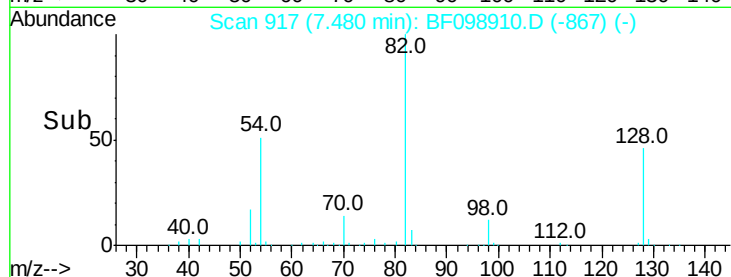
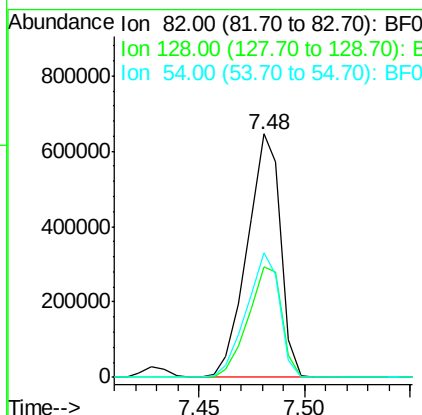
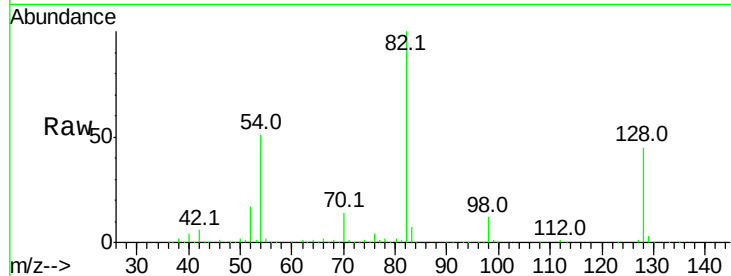




#23
 Nitrobenzene-d5
 Concen: 84.607 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

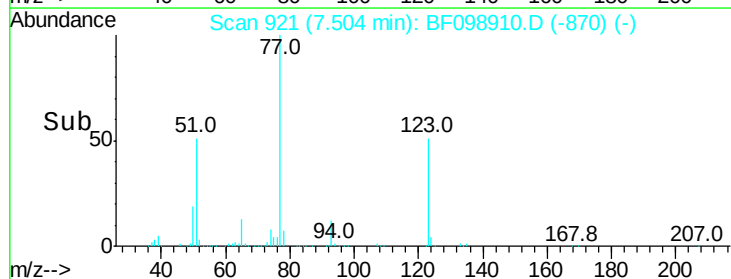
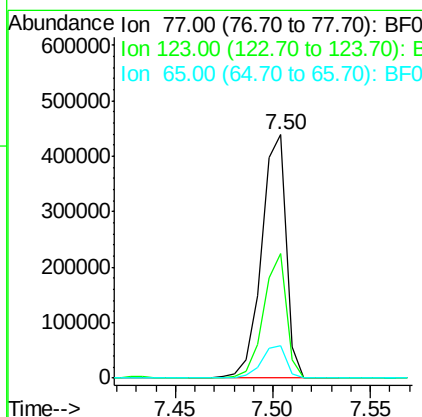
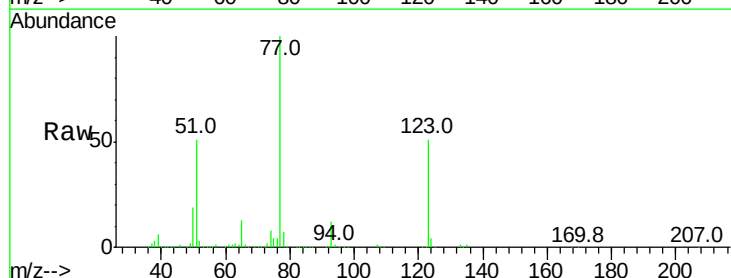
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MSD

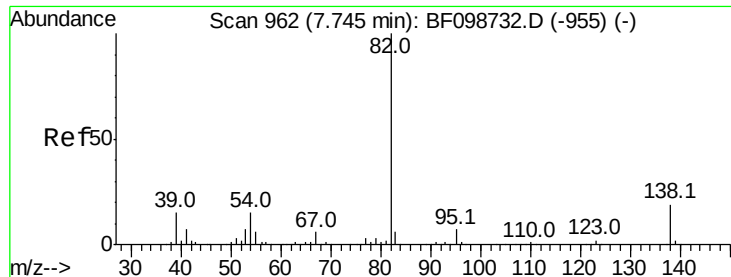
Tot Ion: 82 Resp: 705463
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.1 54.1
 54 51.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 40.615 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion: 77 Resp: 384159
 Ion Ratio Lower Upper
 77 100
 123 51.3 37.9 56.9
 65 13.2 11.0 16.4





#25

Isophorone

Concen: 38.934 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

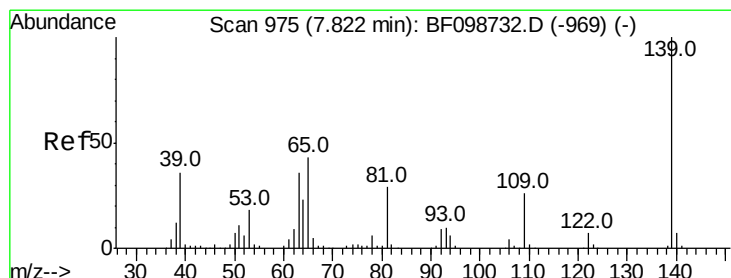
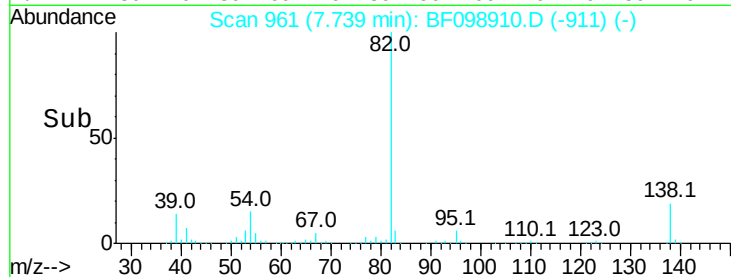
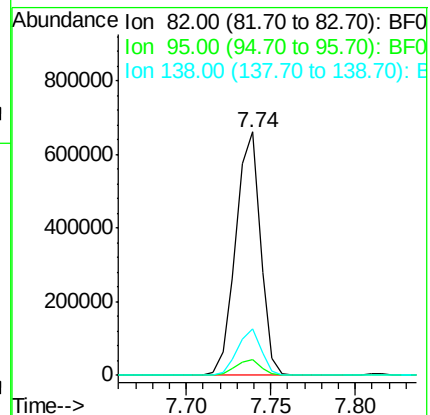
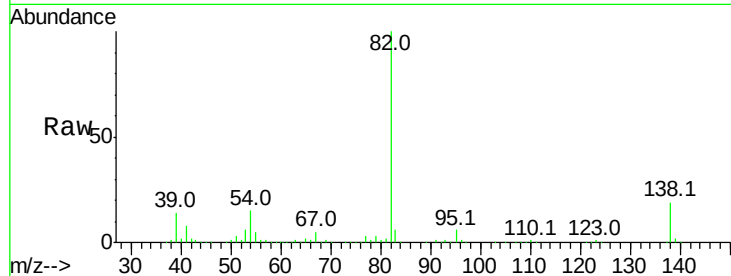
Tot Ion: 82 Resp: 671184

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 36.161 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

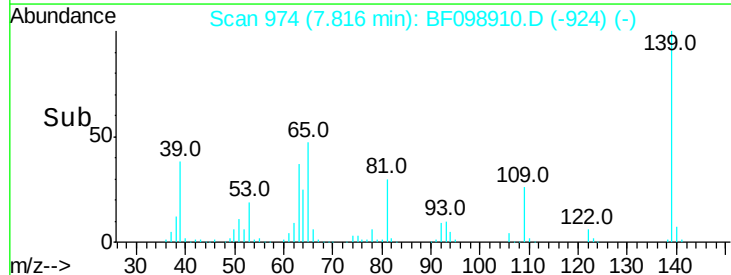
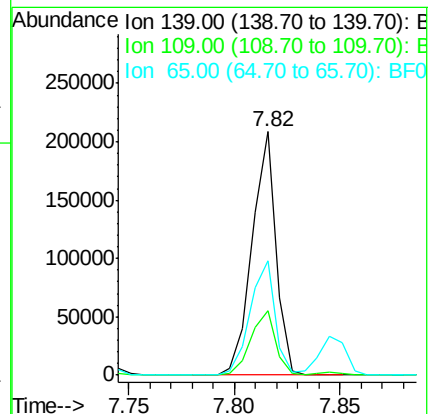
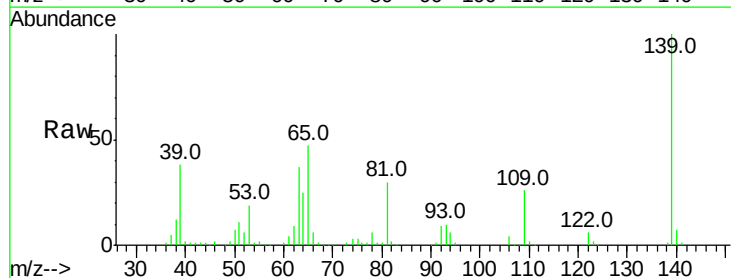
Tgt Ion: 139 Resp: 164473

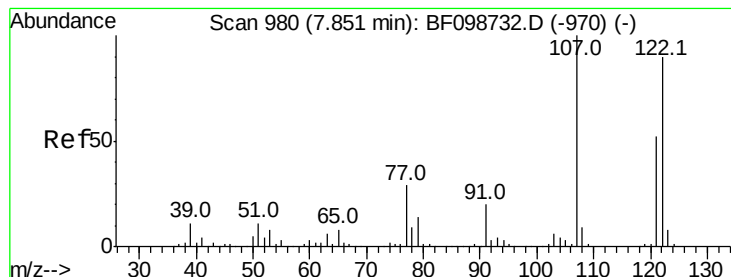
Ion Ratio Lower Upper

139 100

109 26.4 22.7 34.1

65 46.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.977 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

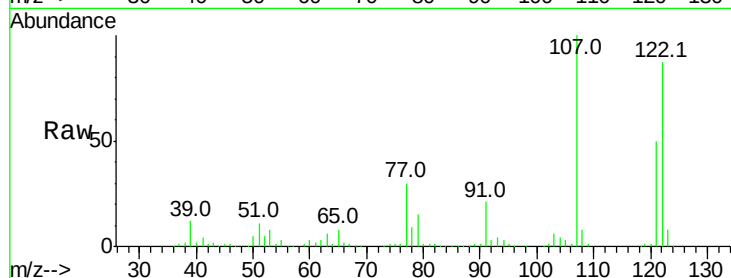
Tot Ion:122 Resp: 317619

Ion Ratio Lower Upper

122 100

107 115.2 91.2 136.8

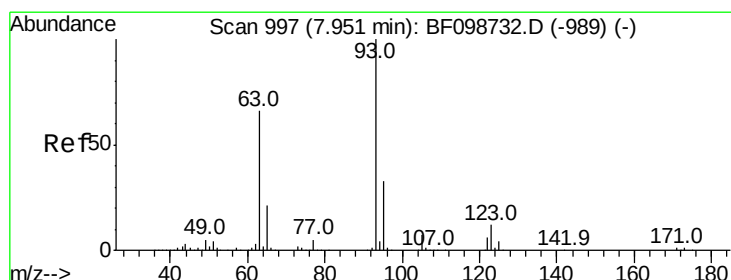
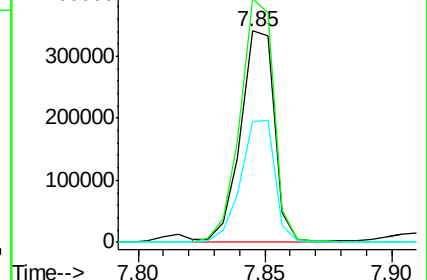
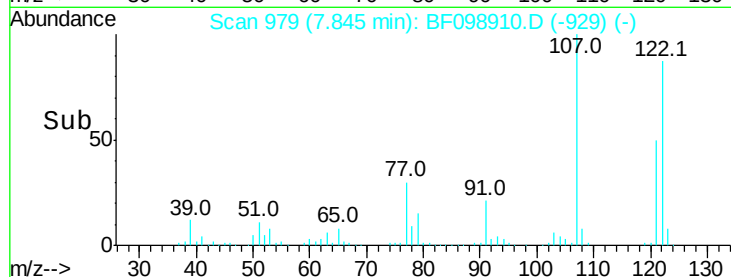
121 57.4 47.2 70.8



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: 40.608 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

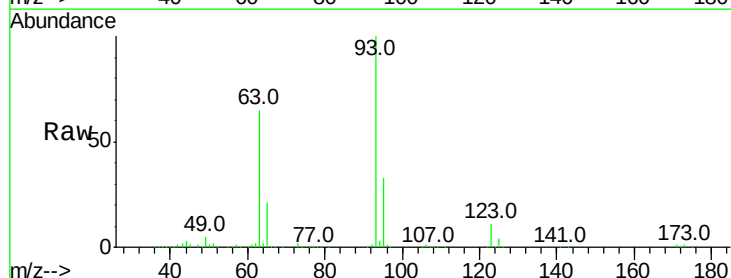
Tgt Ion: 93 Resp: 436260

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

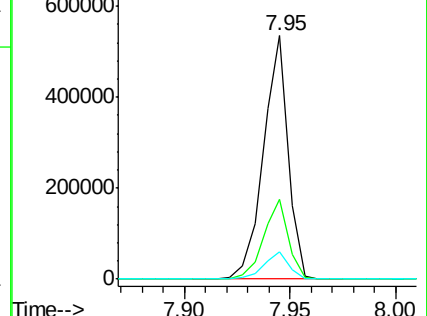
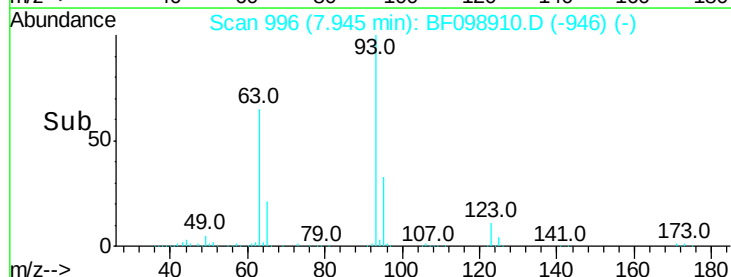
123 11.5 9.8 14.6

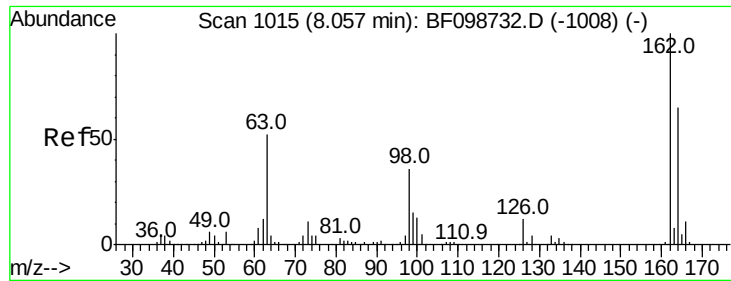


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

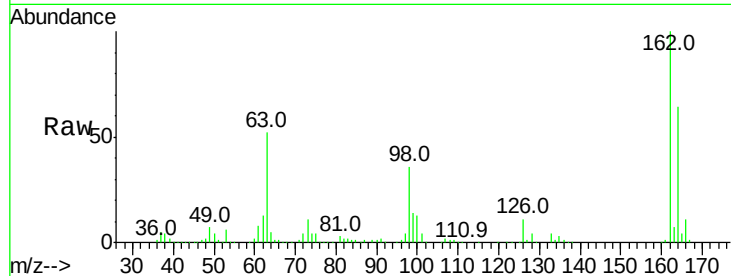




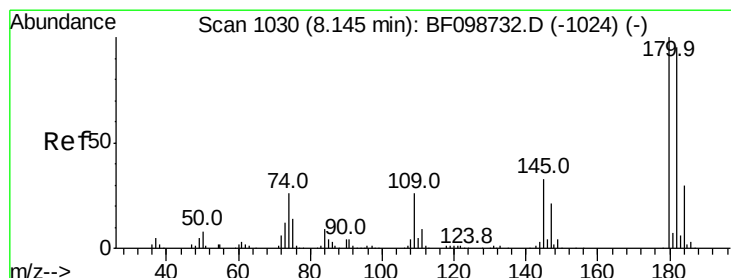
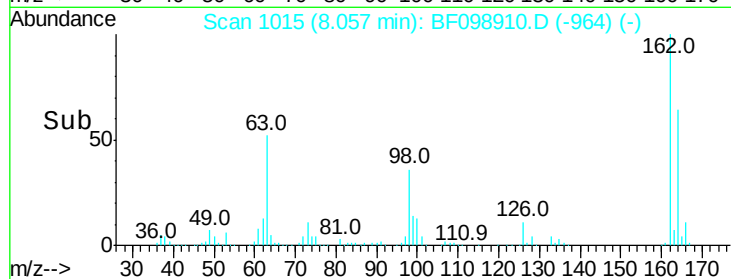
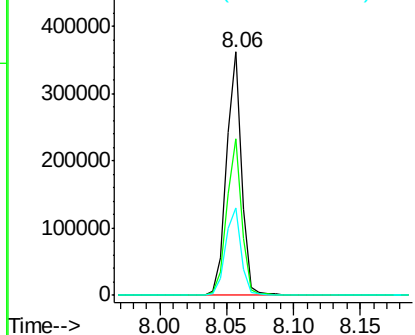
#29
 2,4-Dichlorophenol
 Concen: 39.435 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MSD

Tot Ion:	162	Resp:	290831
Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	36.0	18.1	58.1

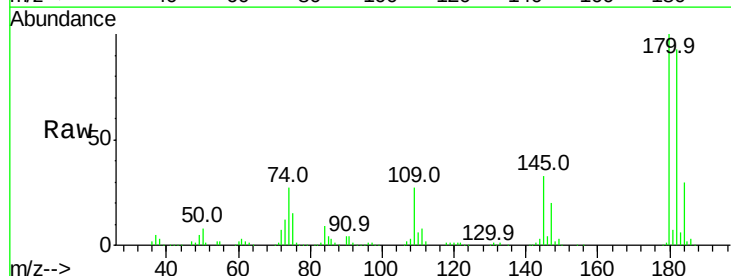


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

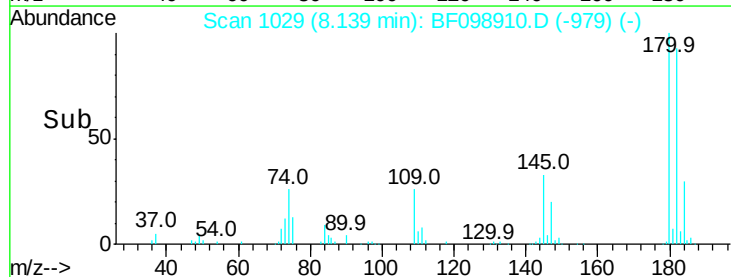
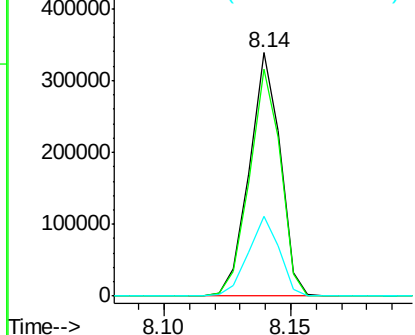


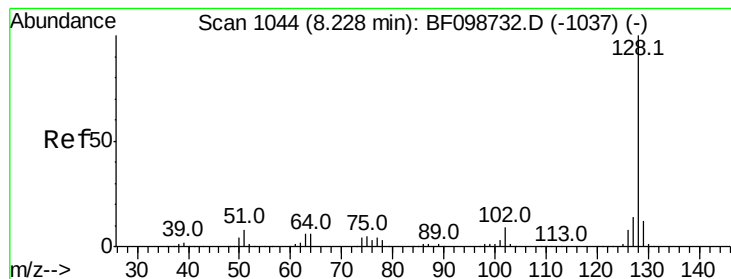
#30
 1,2,4-Trichlorobenzene
 Concen: 38.949 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion:	180	Resp:	287293
Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.8	115.2
145	32.7	26.5	39.7



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





#31

Naphthalene

Concen: 39.305 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

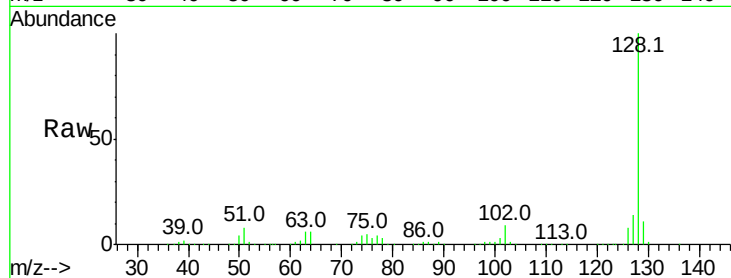
Tot Ion:128 Resp: 987103

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

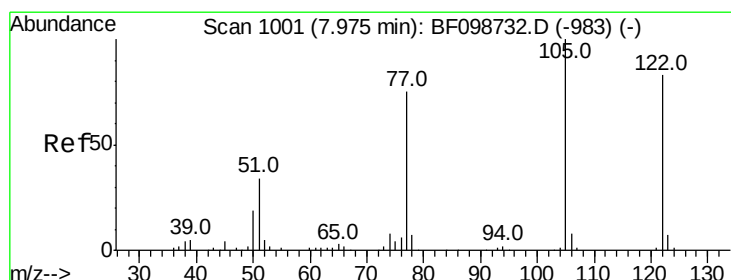
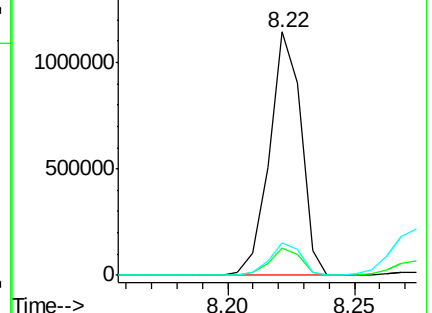
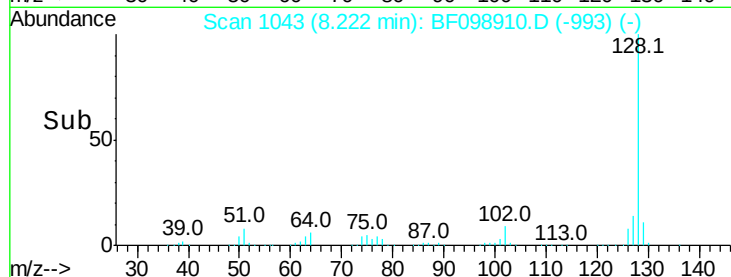
127 13.5 10.9 16.3



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: 2.766 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.06 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

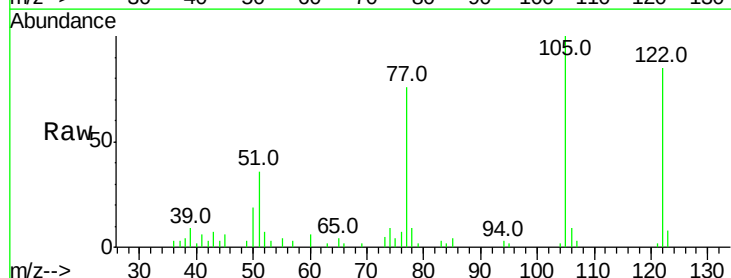
Tgt Ion:122 Resp: 19517

Ion Ratio Lower Upper

122 100

105 117.9 101.1 141.1

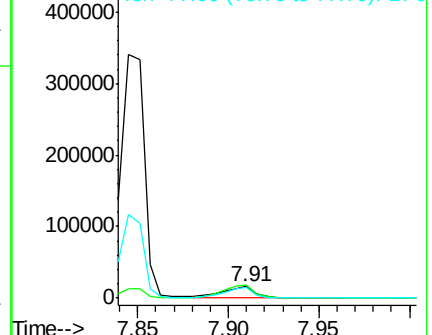
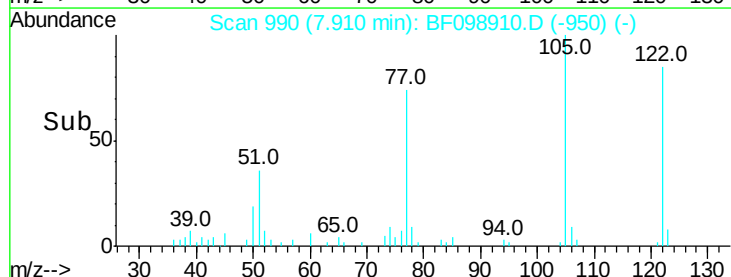
77 89.9 70.7 110.7

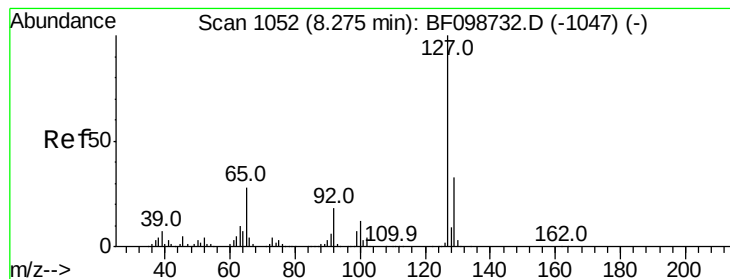


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 27.238 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

Tot Ion:127 Resp: 285659

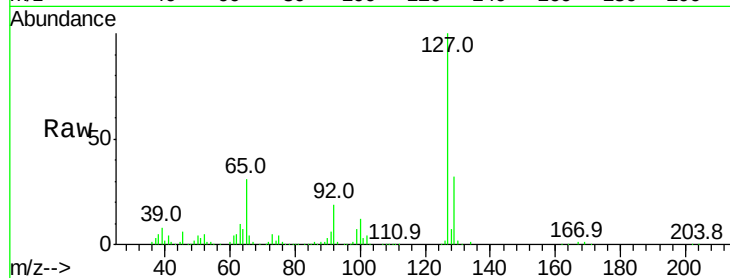
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 30.5 25.0 37.4

92 18.6 15.2 22.8

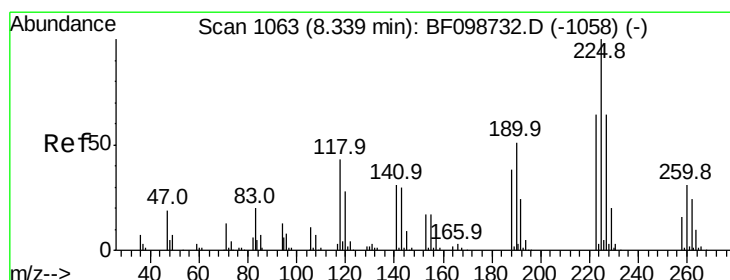
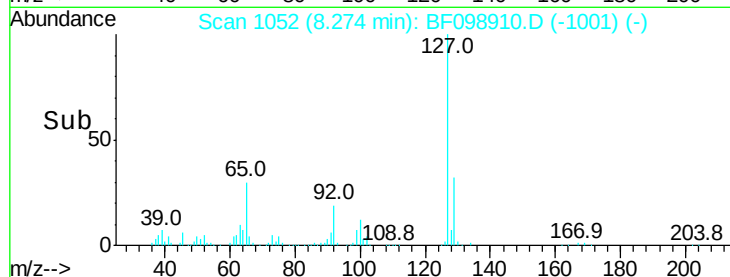
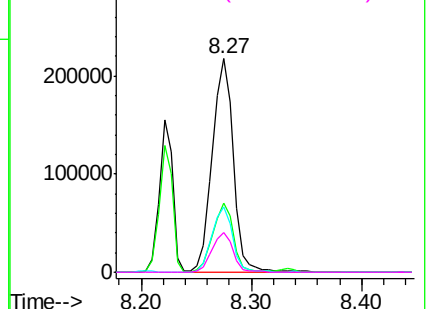


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.220 ng

RT: 8.33 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

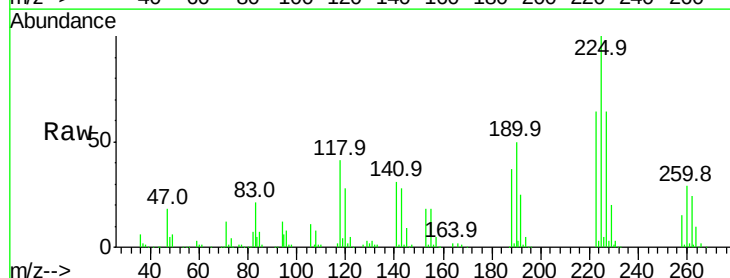
Tgt Ion:225 Resp: 141407

Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

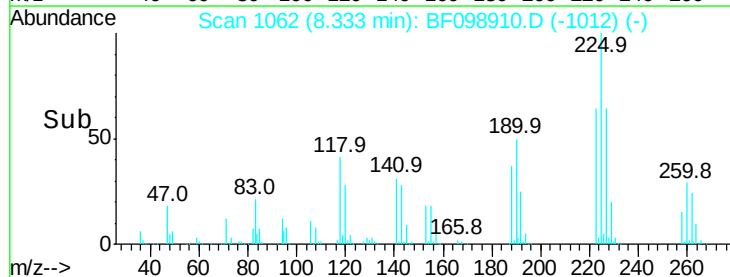
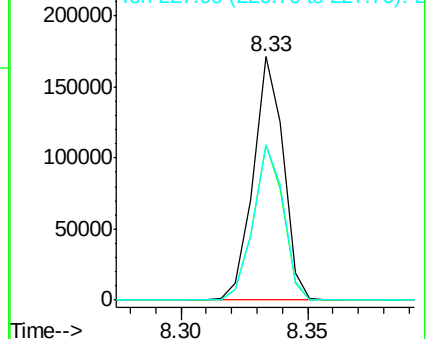
227 63.6 51.9 77.9

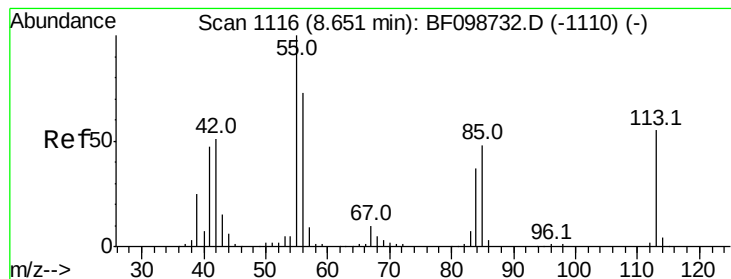


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.269 ng

RT: 8.63 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

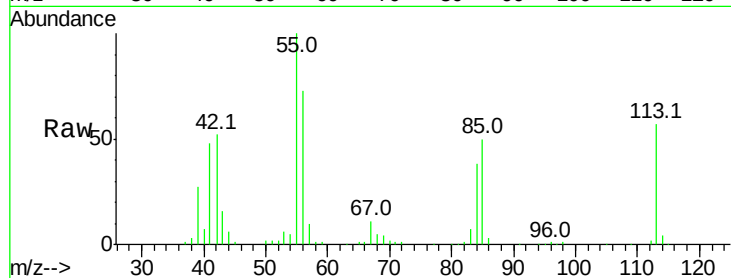
Tot Ion:113 Resp: 90532

Ion Ratio Lower Upper

113 100

55 175.3 163.3 203.3

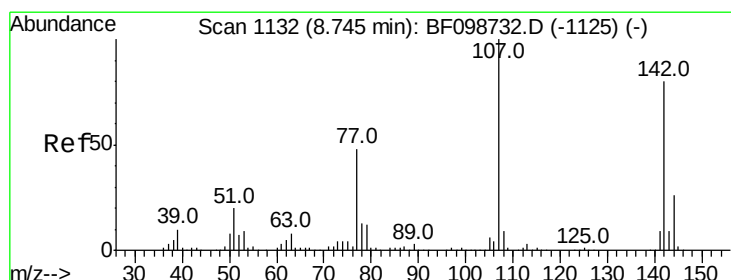
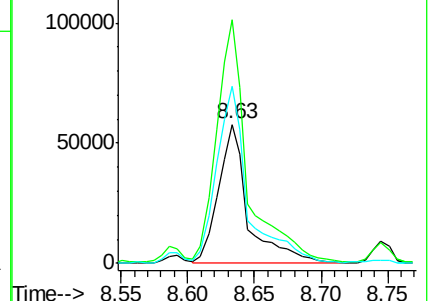
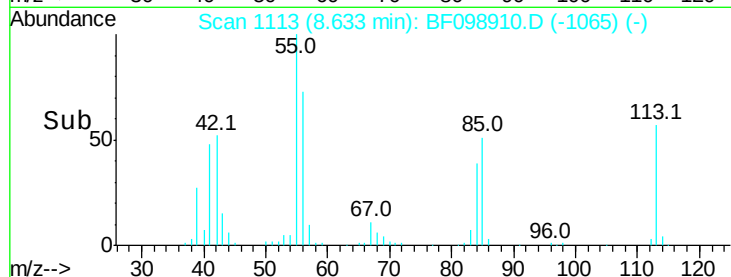
56 127.1 115.7 155.7



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: 36.751 ng

RT: 8.74 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

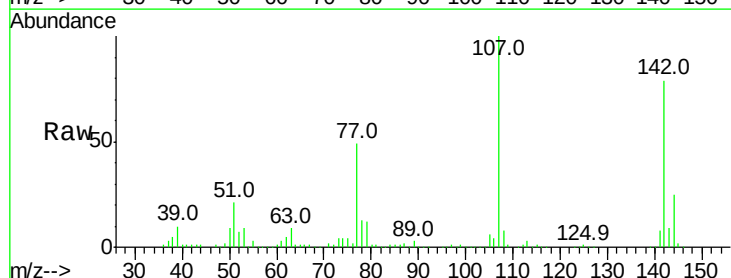
Tgt Ion:107 Resp: 304640

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

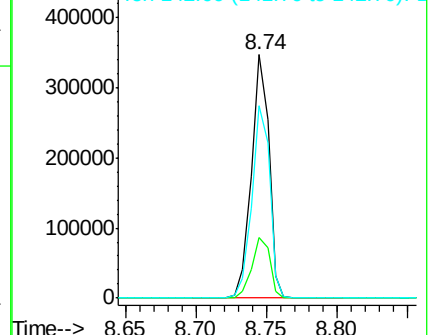
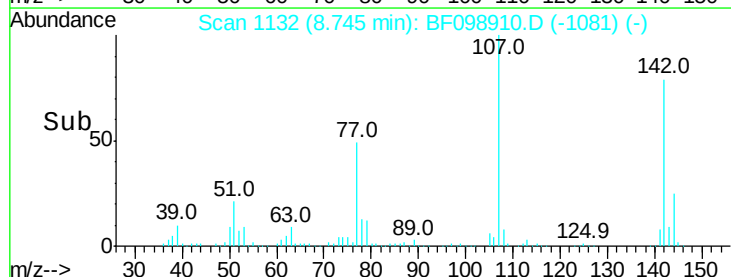
142 78.9 62.0 93.0

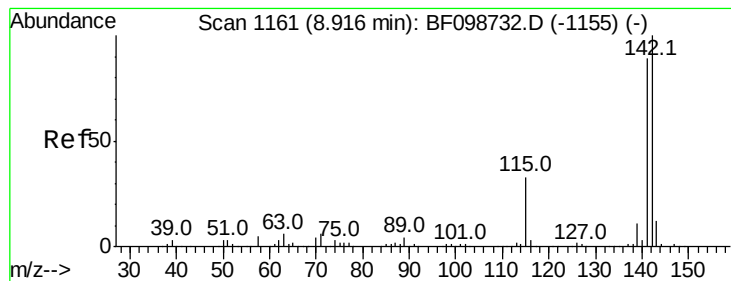


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.202 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

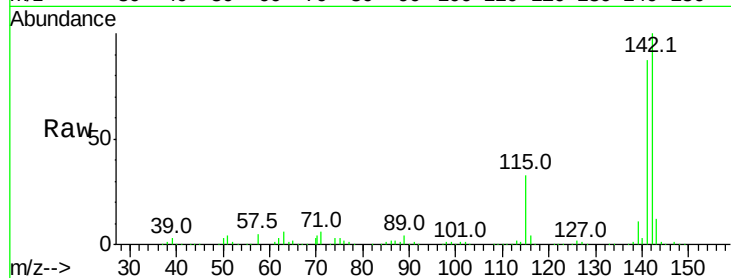
Tot Ion:142 Resp: 656348

Ion Ratio Lower Upper

142 100

141 87.4 70.8 106.2

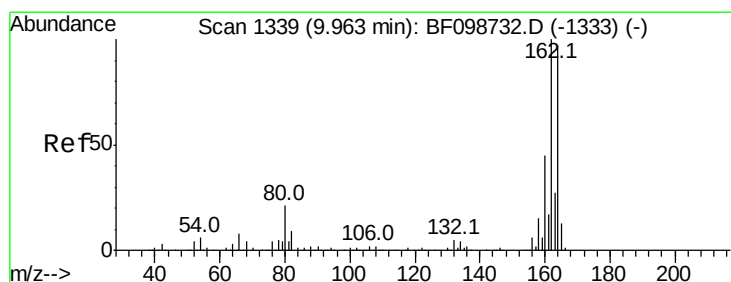
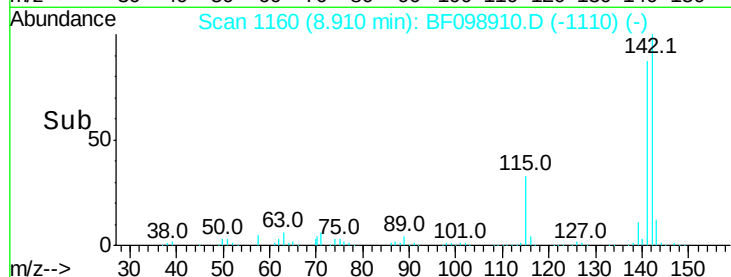
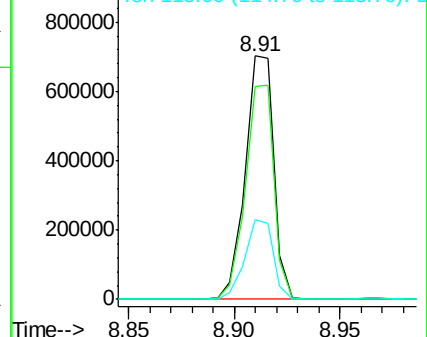
115 32.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

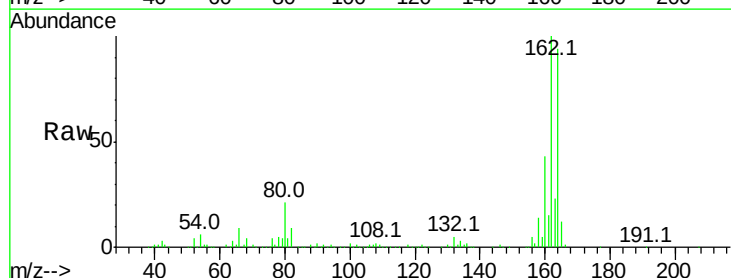
Tgt Ion:164 Resp: 216727

Ion Ratio Lower Upper

164 100

162 106.1 86.1 129.1

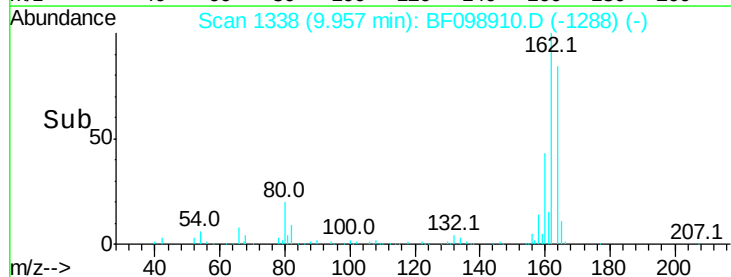
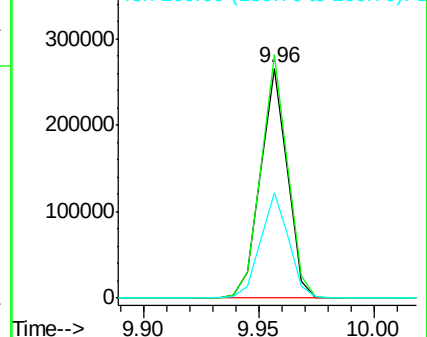
160 45.9 38.3 57.5

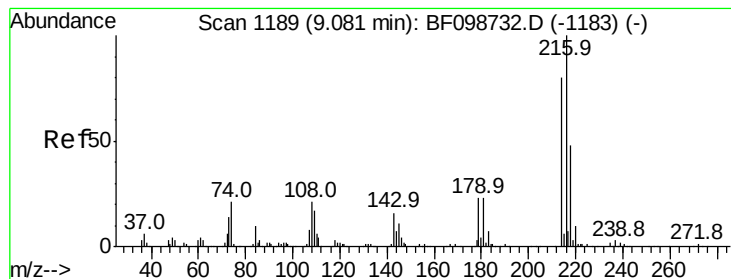


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.881 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

Tot Ion:216 Resp: 251306

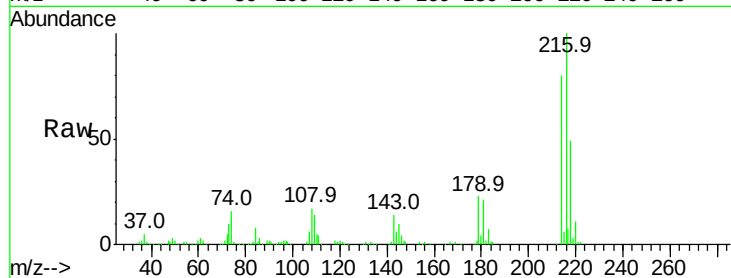
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.4

179 23.2 18.1 27.1

108 20.4 17.2 25.8

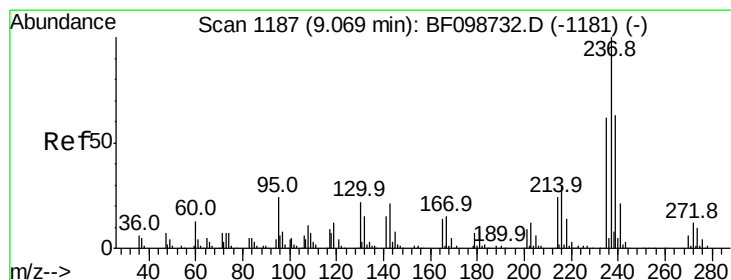
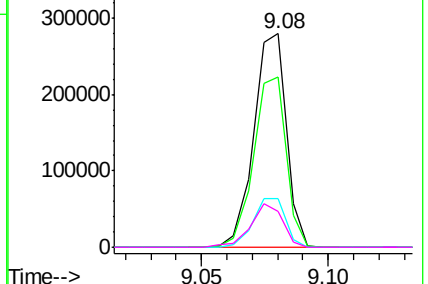
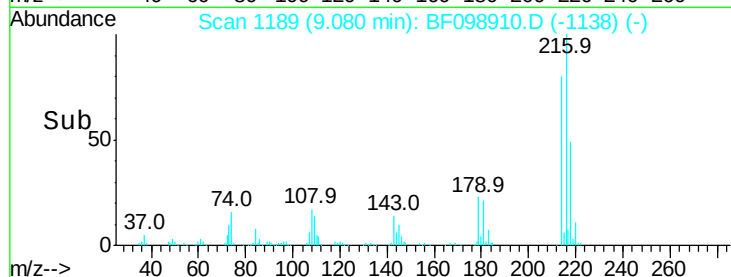


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 14.472 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

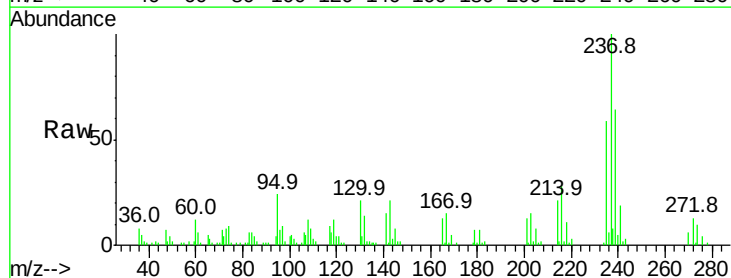
Tgt Ion:237 Resp: 42746

Ion Ratio Lower Upper

237 100

235 58.6 44.8 84.8

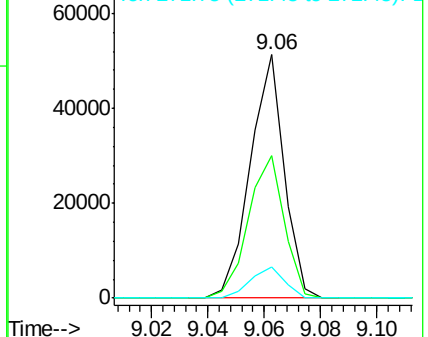
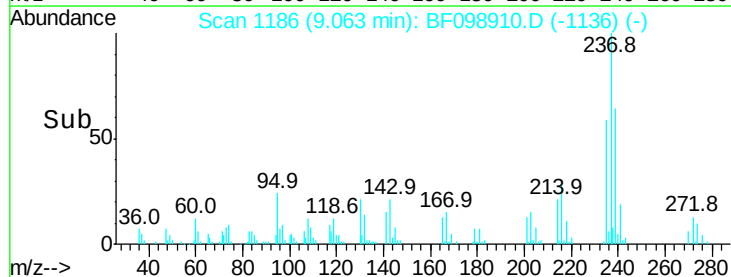
272 12.7 0.0 33.3

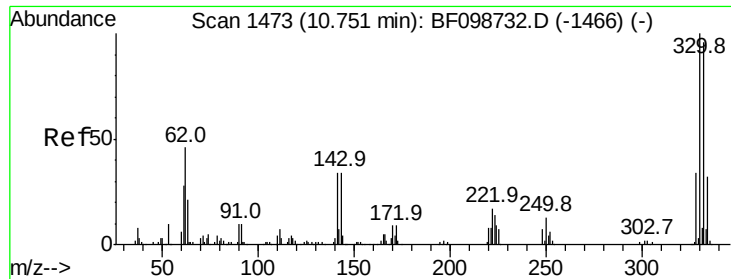


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

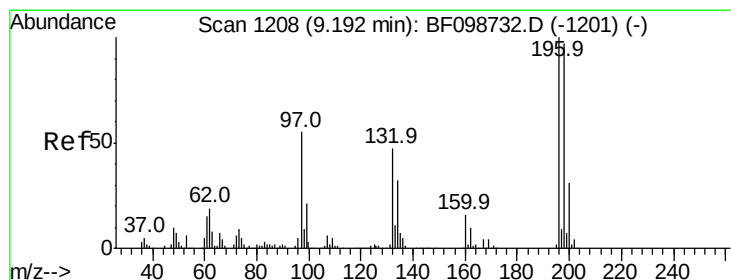
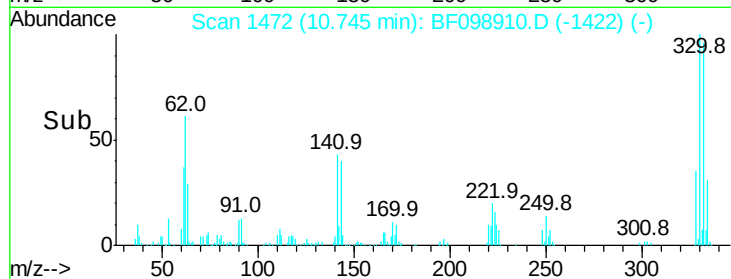
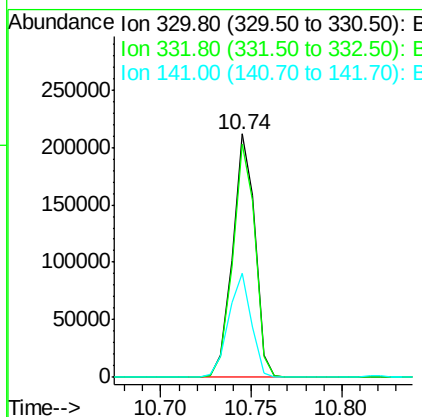
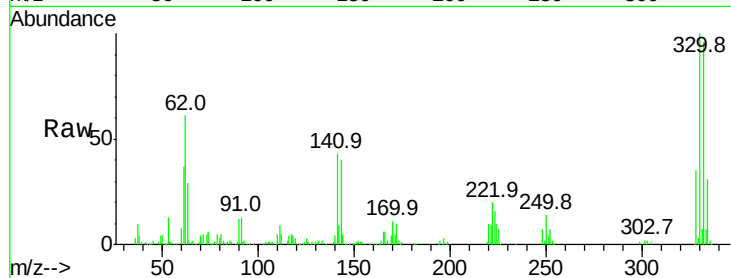




#41
 2,4,6-Tribromophenol
 Concen: 102.517 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

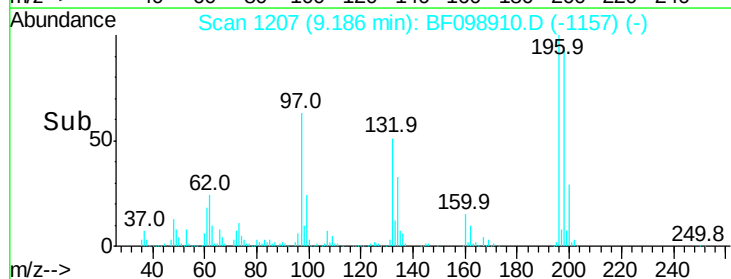
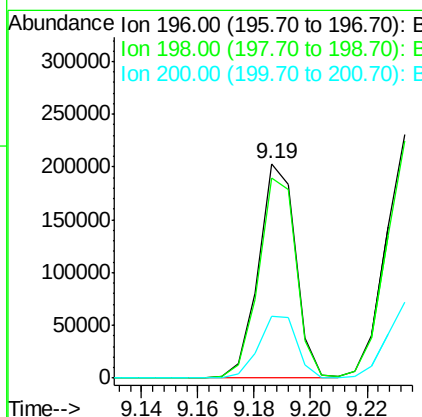
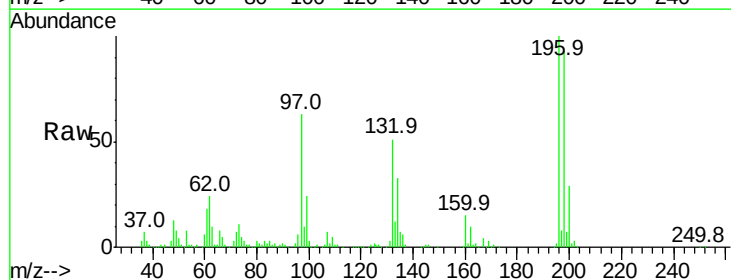
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MSD

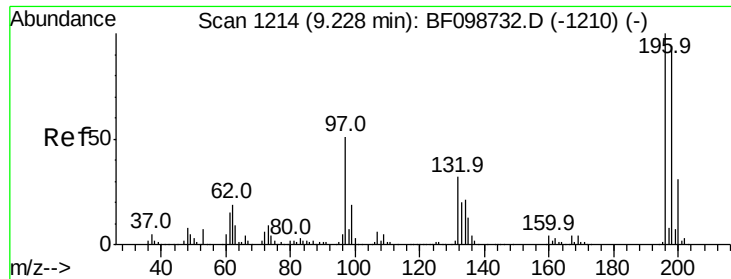
Tot Ion:330 Resp: 181805
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 43.9 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.427 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion:196 Resp: 185109
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.7 113.5
 200 29.0 24.5 36.7

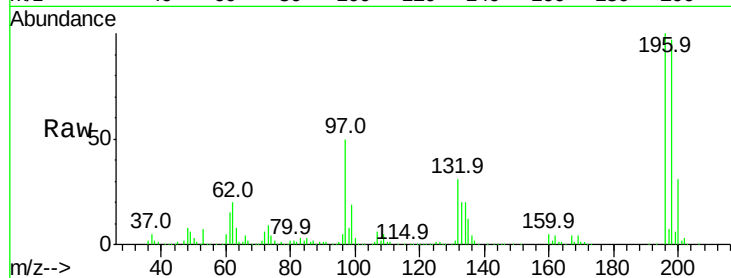




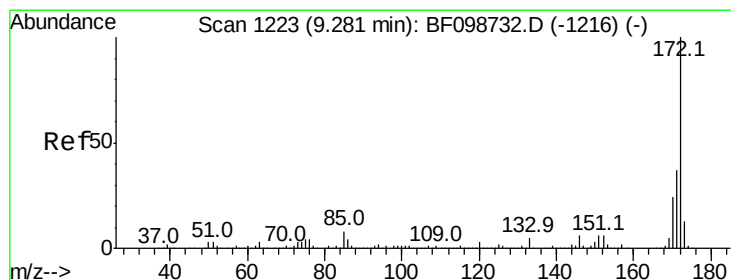
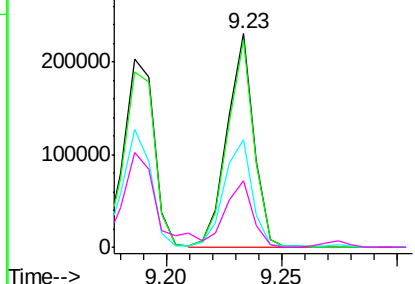
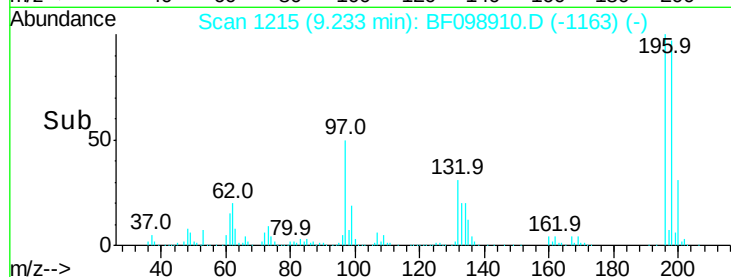
#43
 2,4,5-Trichlorophenol
 Concen: 40.616 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MSD

Tot Ion:196 Resp: 185649
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.6 112.0
 97 50.3 42.9 64.3
 132 31.4 26.3 39.5

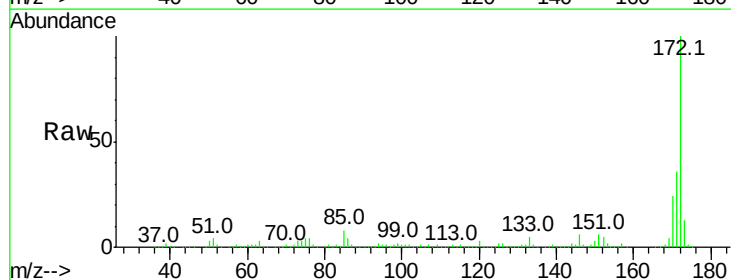


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

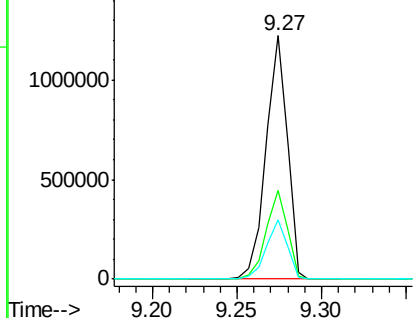
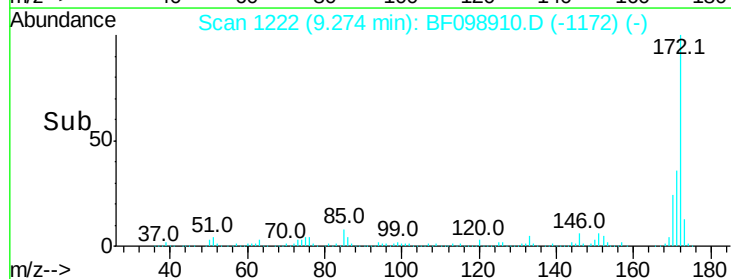


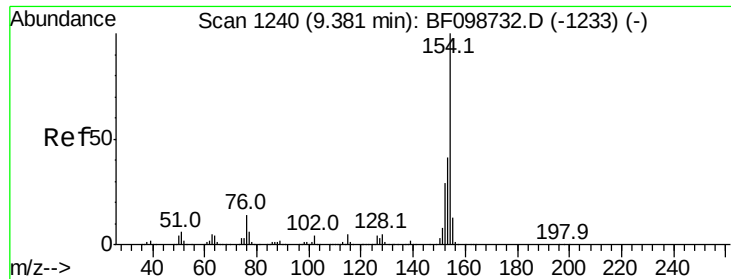
#44
 2-Fluorobiphenyl
 Concen: 82.057 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion:172 Resp: 1065282
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.4 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

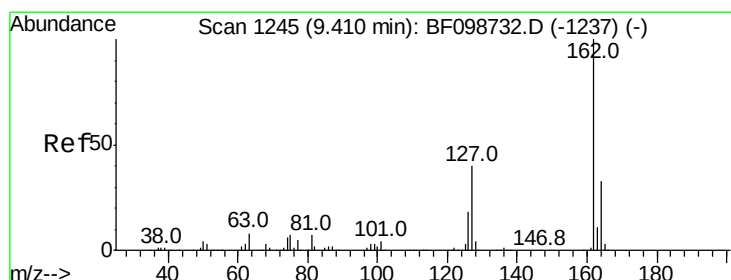
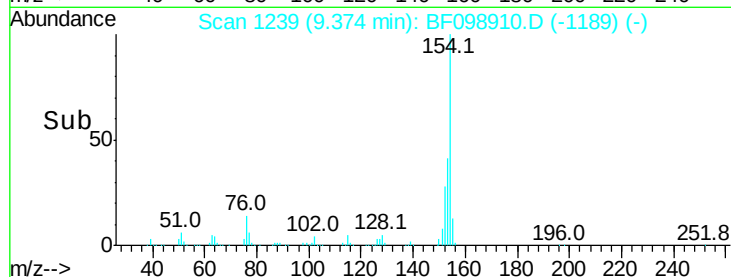
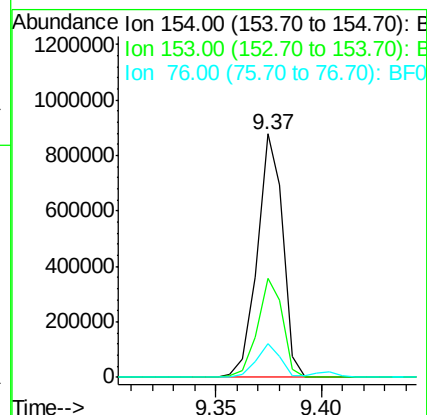
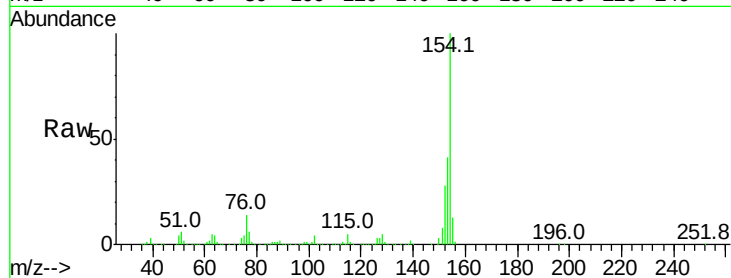




#45
 1,1'-Biphenyl
 Concen: 39.572 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

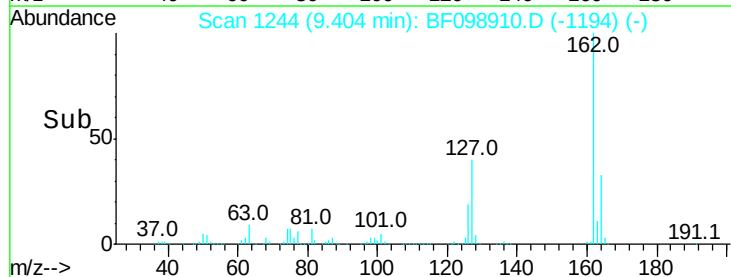
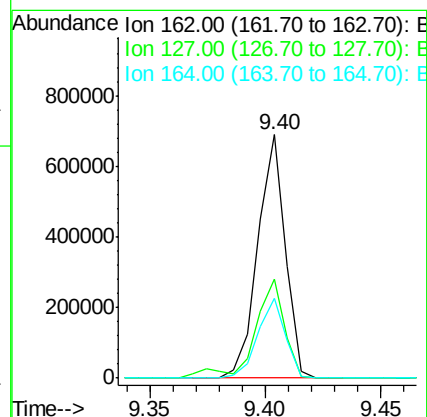
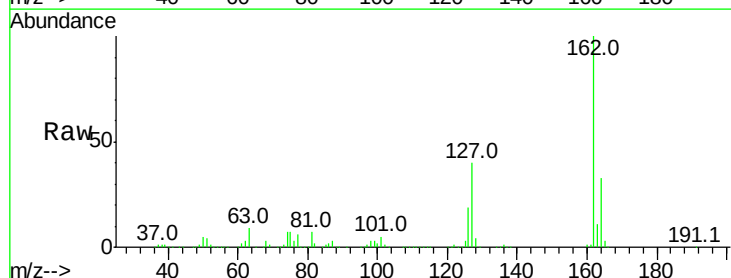
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MSD

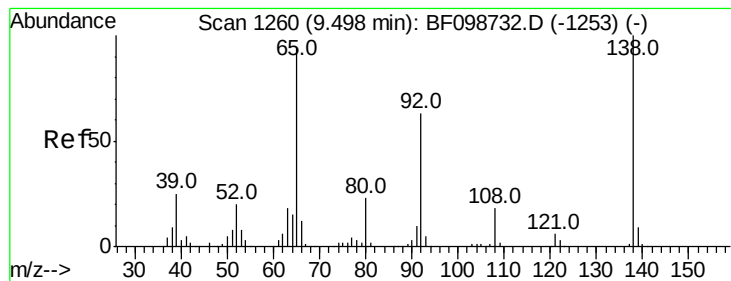
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.9	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 41.081 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	32.5	26.5	39.7





#47

2-Nitroaniline

Concen: 46.272 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

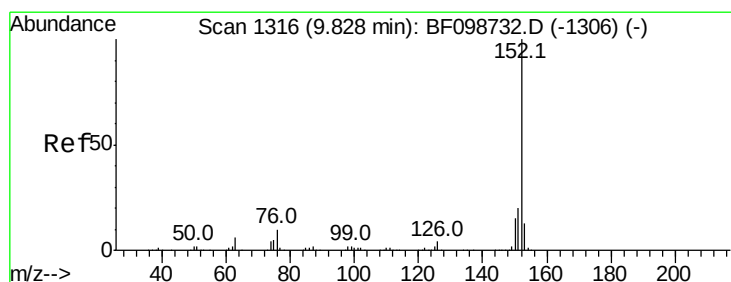
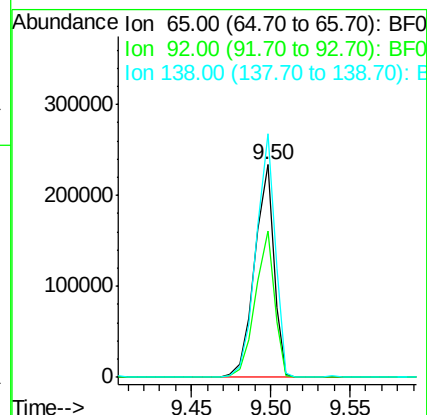
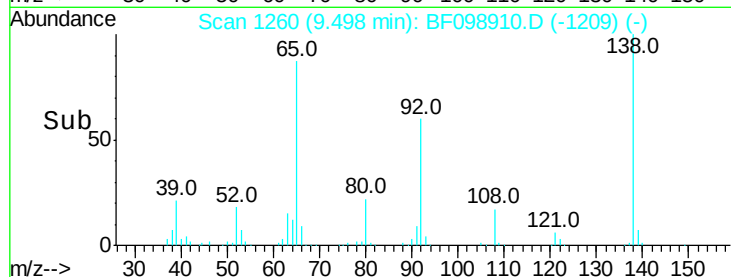
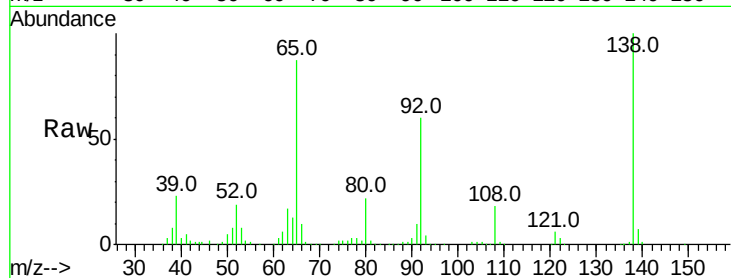
Tot Ion: 65 Resp: 198147

Ion Ratio Lower Upper

65 100

92 68.7 55.8 83.6

138 114.4 91.2 136.8



#48

Acenaphthylene

Concen: 38.703 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

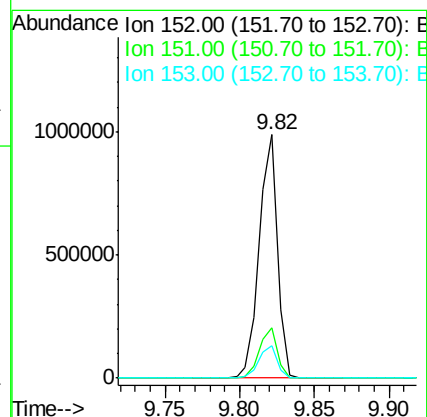
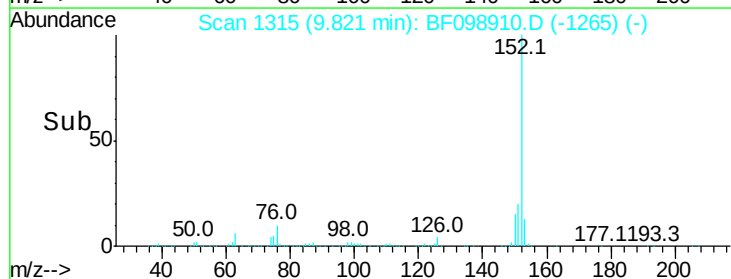
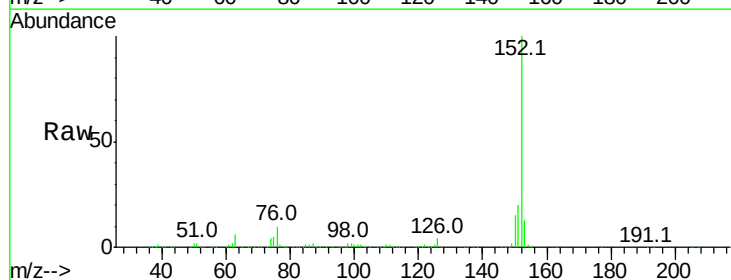
Tgt Ion:152 Resp: 828582

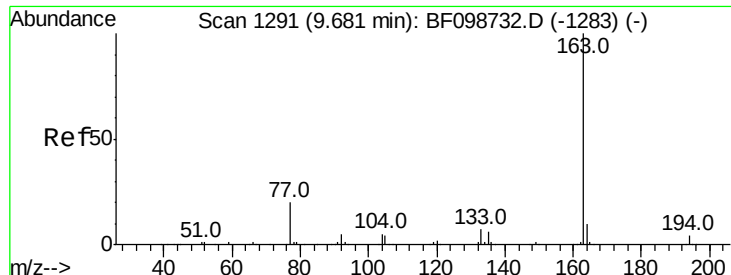
Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.1 10.7 16.1

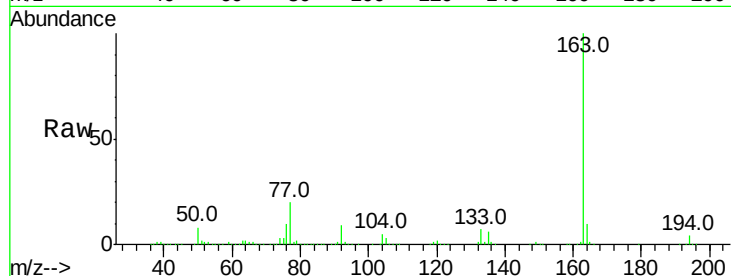




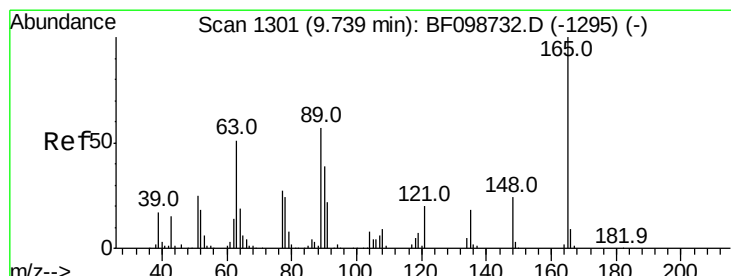
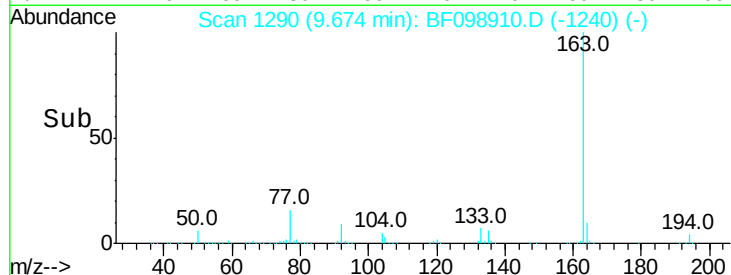
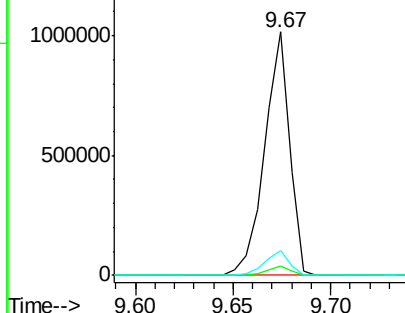
#49
Dimethylphthalate
Concen: 55.009 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MSD

Tot Ion:163 Resp: 899799
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

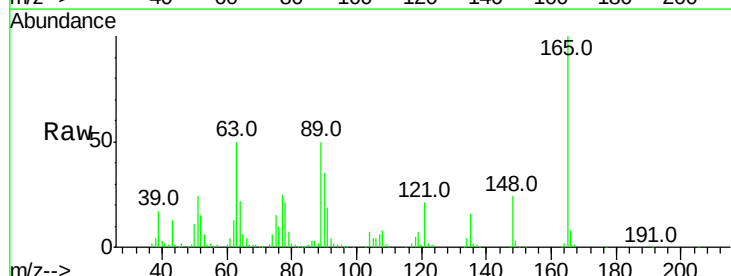


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

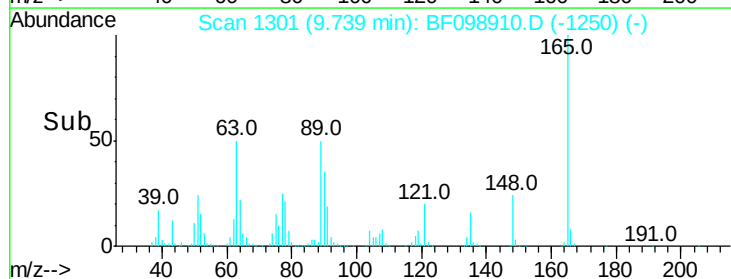
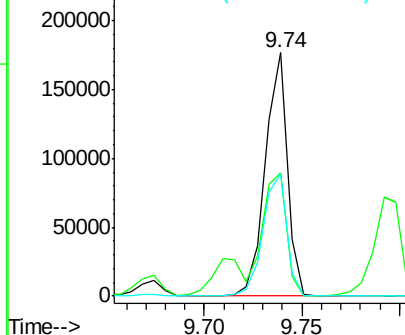


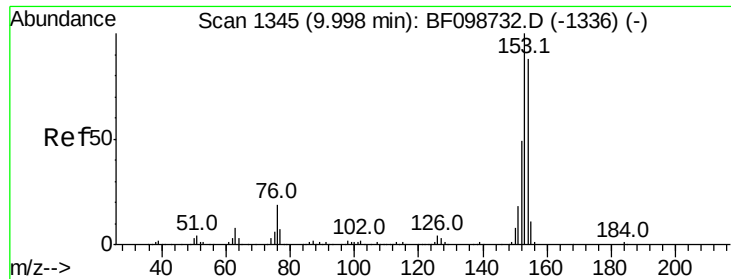
#50
2,6-Dinitrotoluene
Concen: 39.070 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:165 Resp: 139131
Ion Ratio Lower Upper
165 100
63 50.4 44.7 67.1
89 50.1 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: 36.308 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

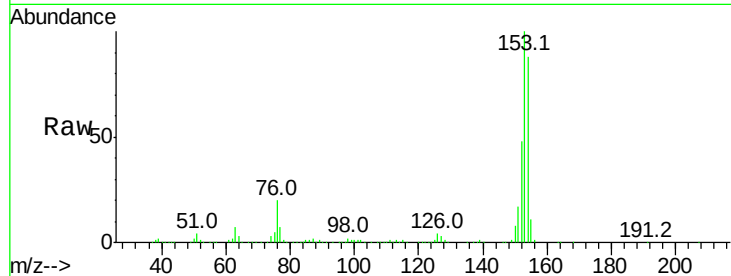
Tot Ion:154 Resp: 492392

Ion Ratio Lower Upper

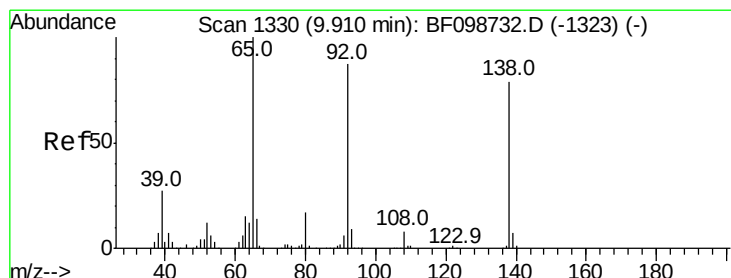
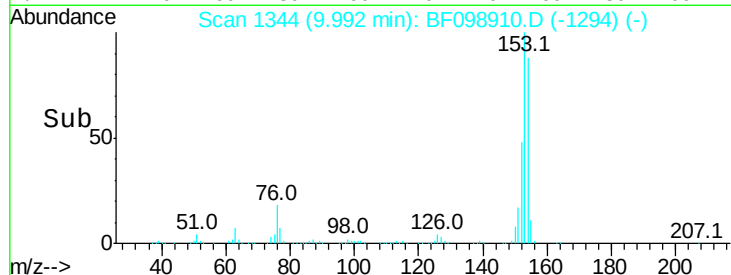
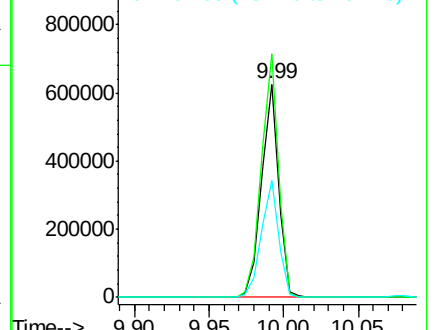
154 100

153 114.1 91.2 136.8

152 54.6 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: 37.471 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

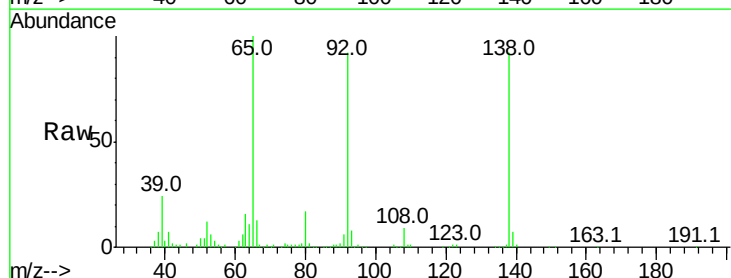
Tgt Ion:138 Resp: 155589

Ion Ratio Lower Upper

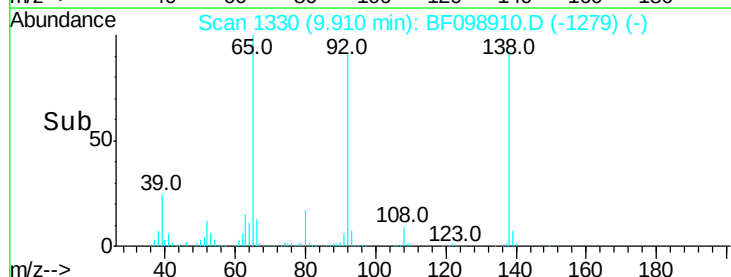
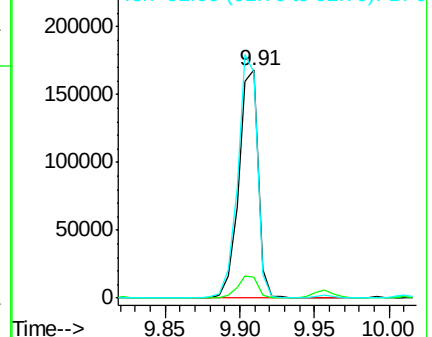
138 100

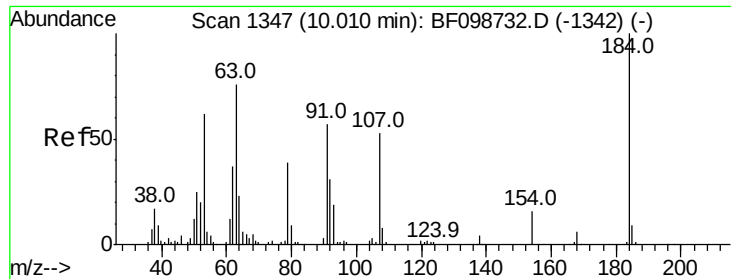
108 9.4 9.4 14.0

92 99.3 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

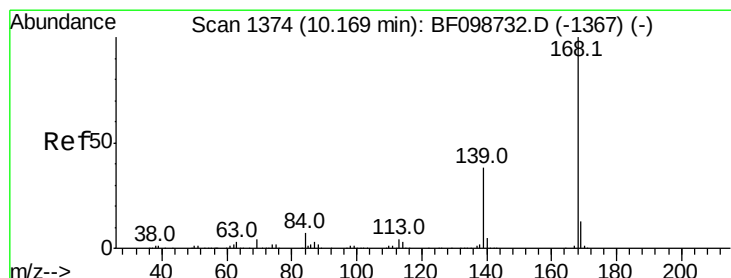
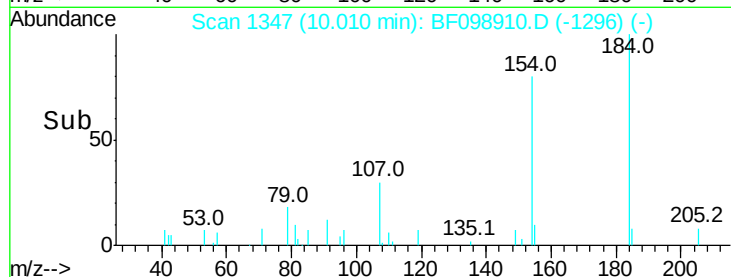
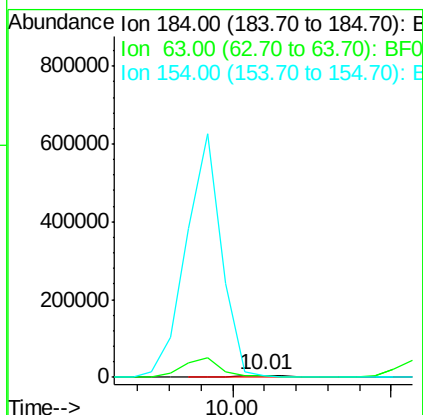
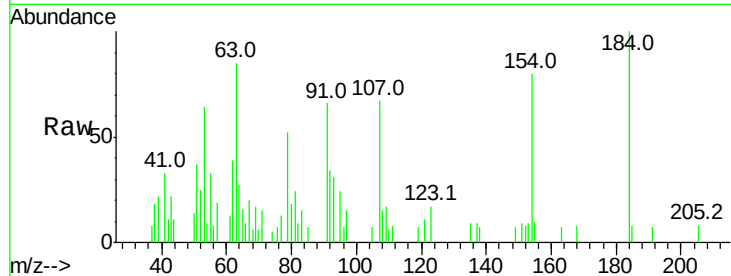




#53
 2,4-Dinitrophenol
 Concen: 8.119 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

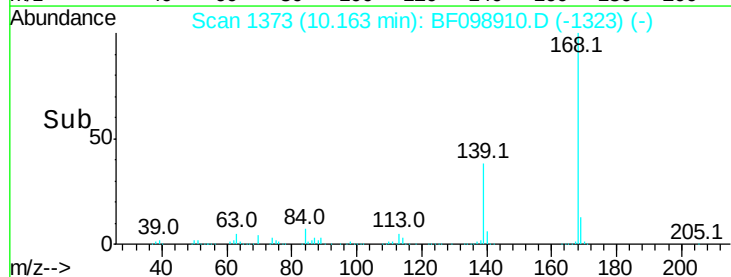
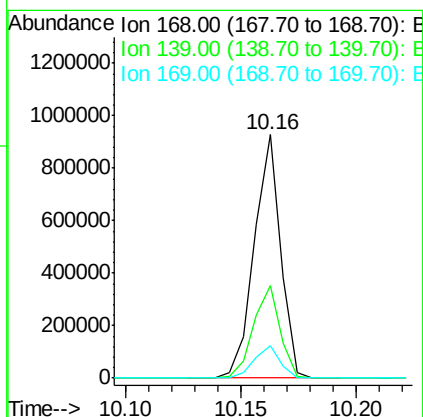
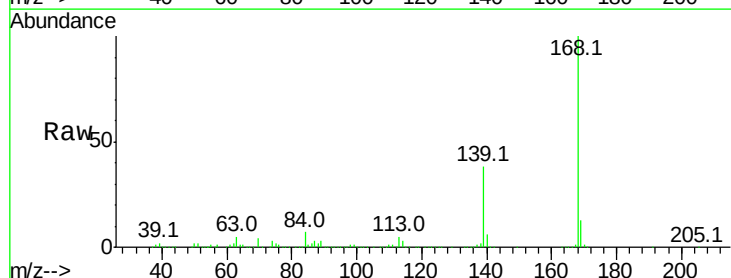
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MSD

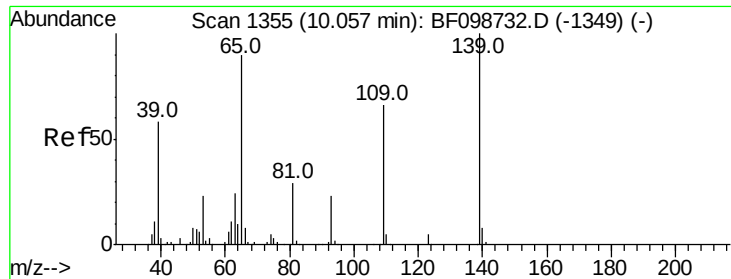
Tot Ion:184 Resp: 4581
 Ion Ratio Lower Upper
 184 100
 63 84.6 54.2 81.2#
 154 80.4 53.5 80.3#



#54
 Dibenzofuran
 Concen: 41.016 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion:168 Resp: 740608
 Ion Ratio Lower Upper
 168 100
 139 38.2 30.1 45.1
 169 13.3 10.9 16.3

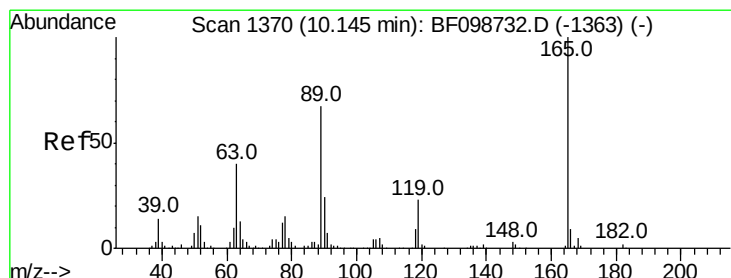
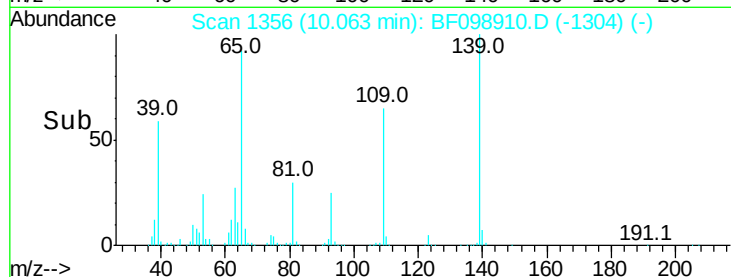
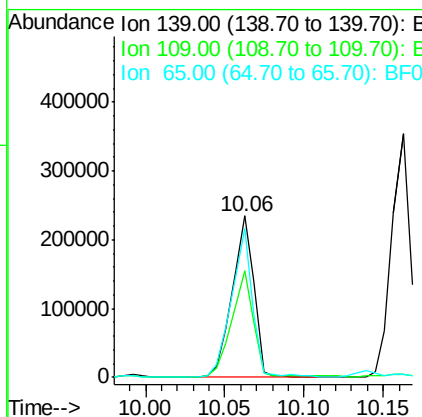
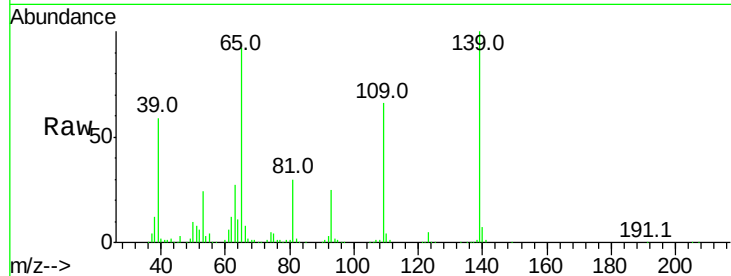




#55
4-Nitrophenol
Concen: 63.870 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

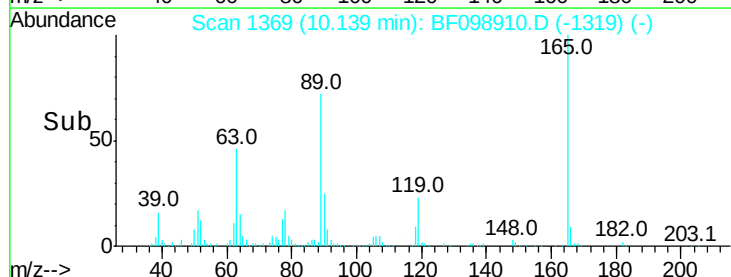
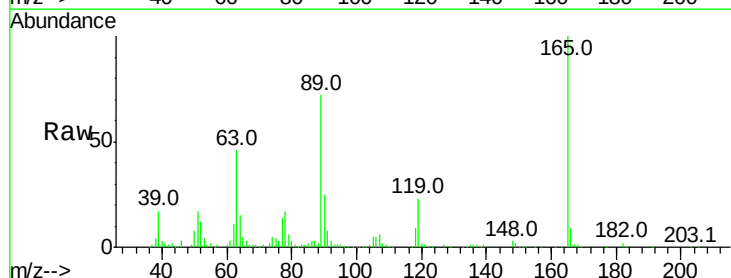
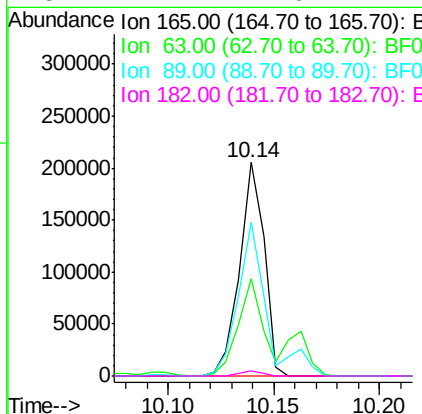
Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MSD

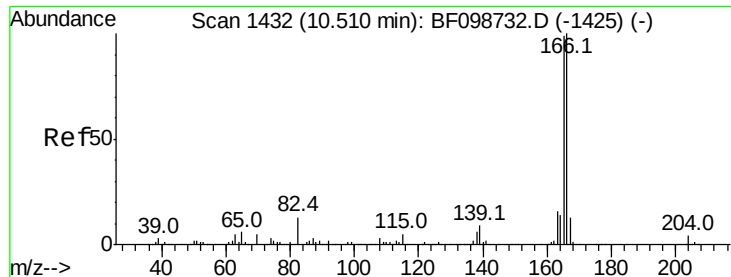
Tot Ion	Ratio	Lower	Upper
139	100		
109	65.7	48.4	88.4
65	92.0	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 35.880 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.8	36.4	54.6
89	71.8	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 37.451 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

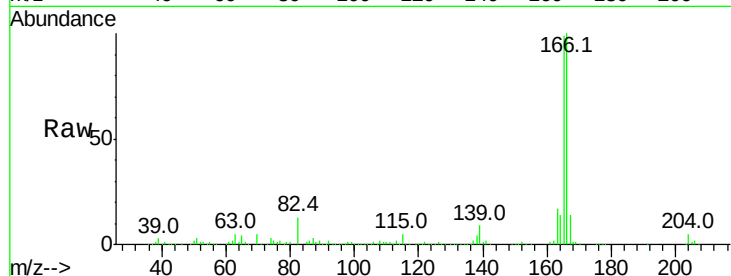
Tot Ion:166 Resp: 543535

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

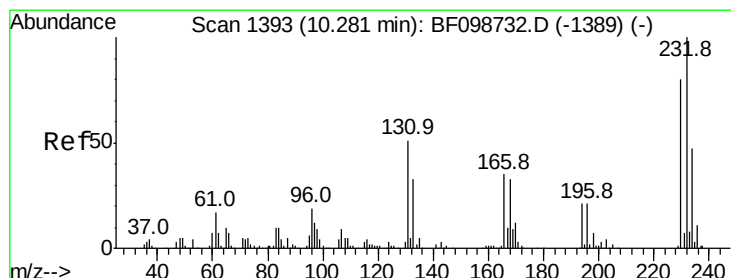
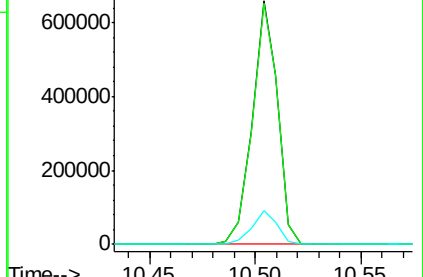
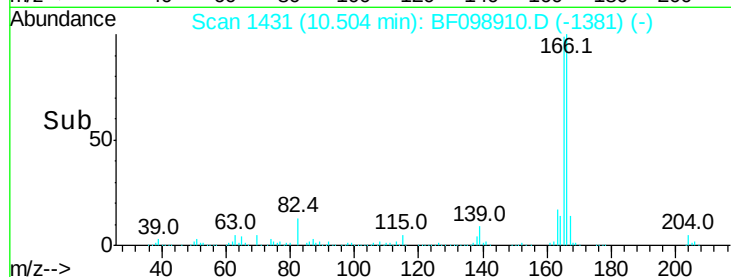
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.776 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Tgt Ion:232 Resp: 125595

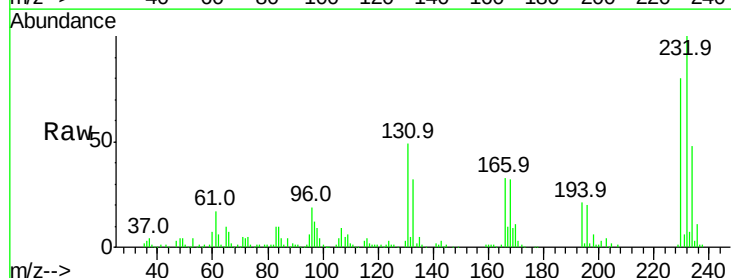
Ion Ratio Lower Upper

232 100

131 57.0 43.8 65.8

130 2.8 2.1 3.1

166 36.2 27.8 41.6

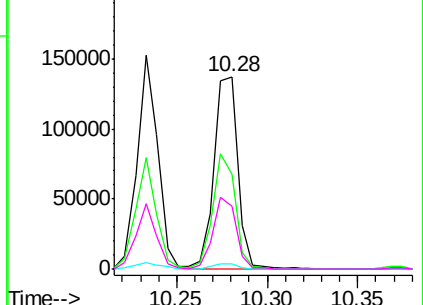
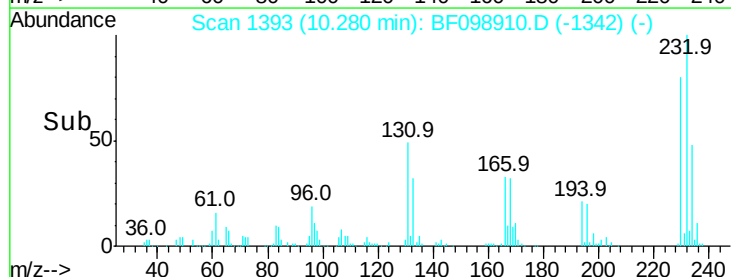


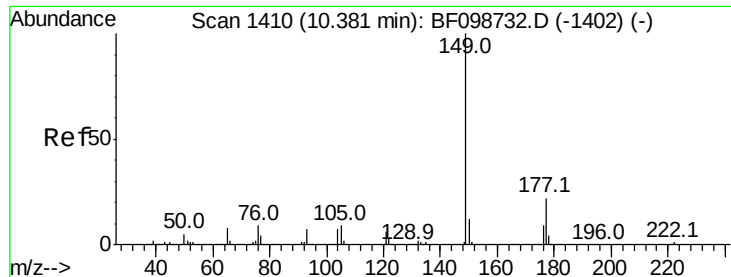
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

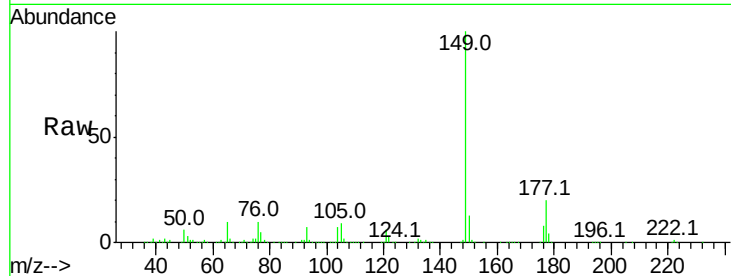




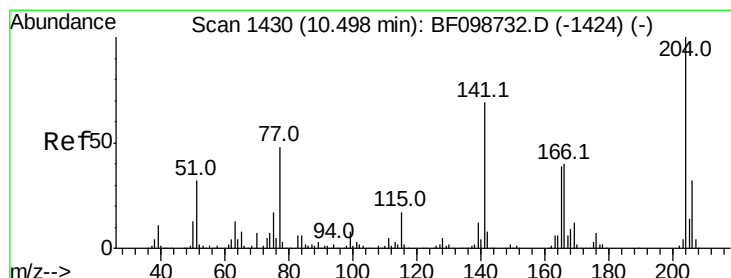
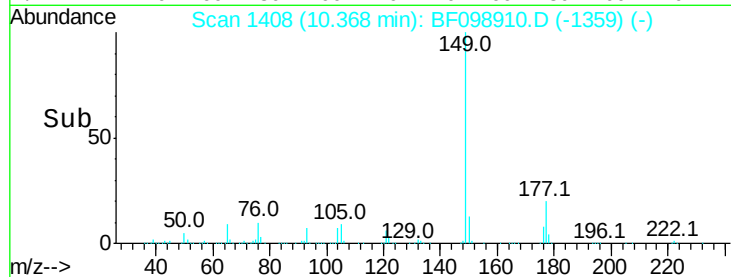
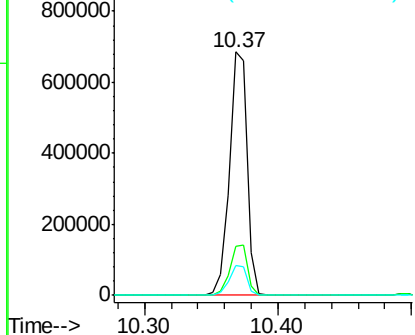
#59
Diethylphthalate
Concen: 40.441 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MSD

Tot Ion:149 Resp: 646391
Ion Ratio Lower Upper
149 100
177 20.0 16.1 24.1
150 12.5 10.1 15.1

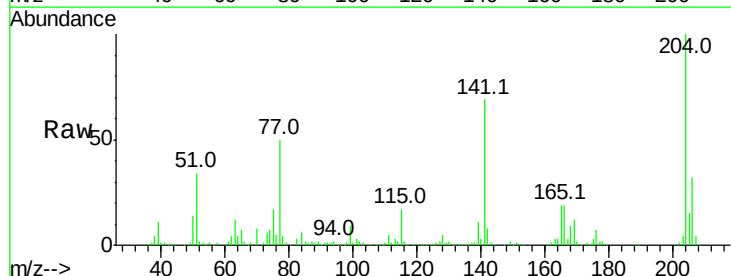


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

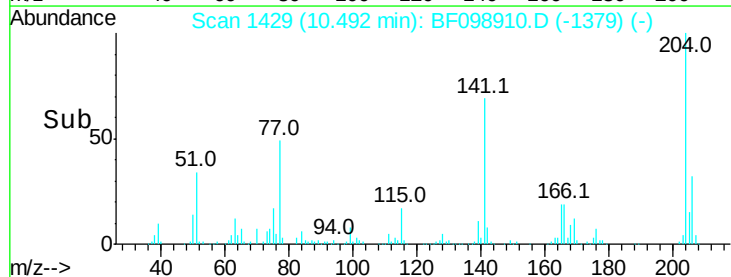
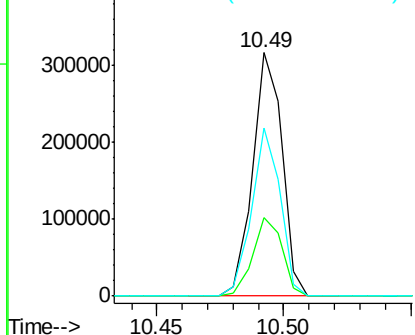


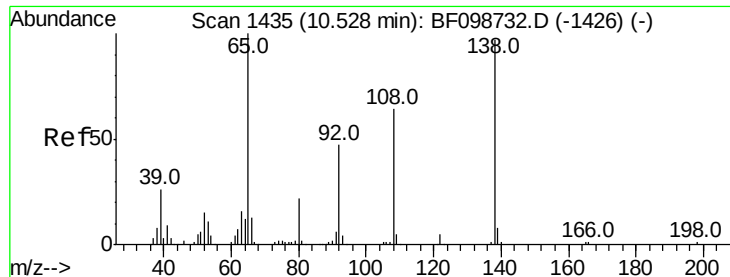
#60
4-Chlorophenyl-phenylether
Concen: 39.298 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:204 Resp: 256195
Ion Ratio Lower Upper
204 100
206 32.1 26.5 39.7
141 68.9 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

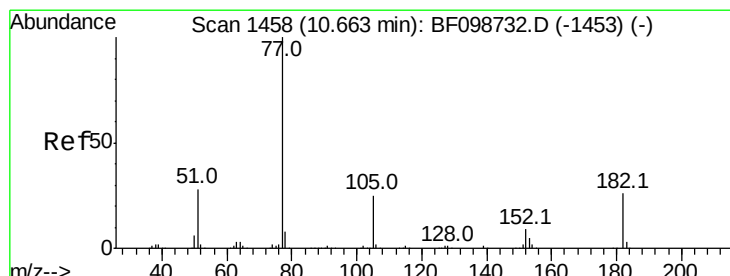
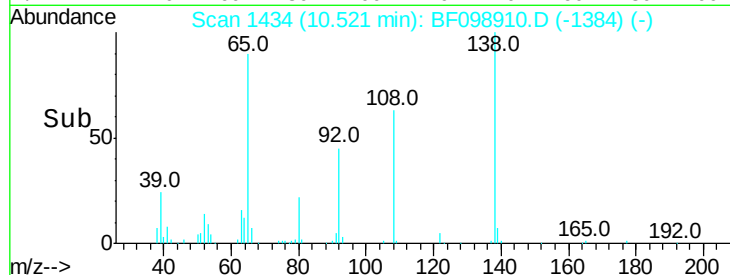
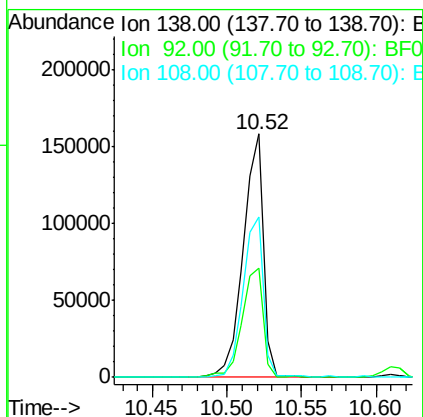
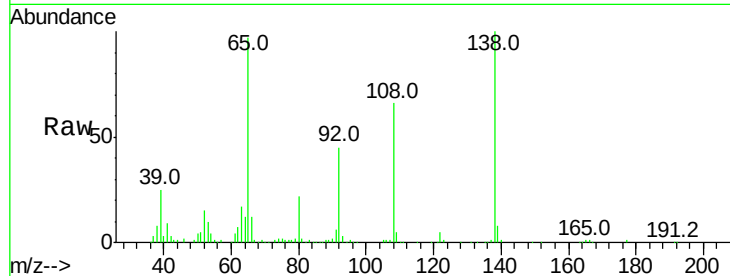




#61
4-Nitroaniline
Concen: 37.184 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

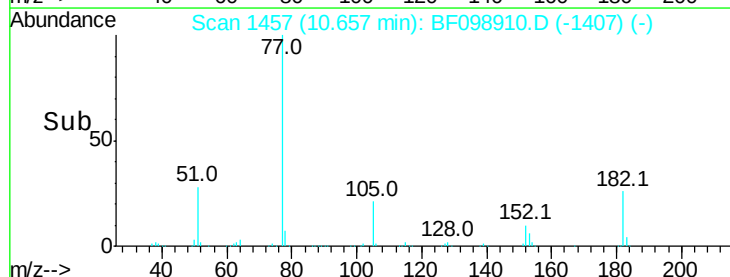
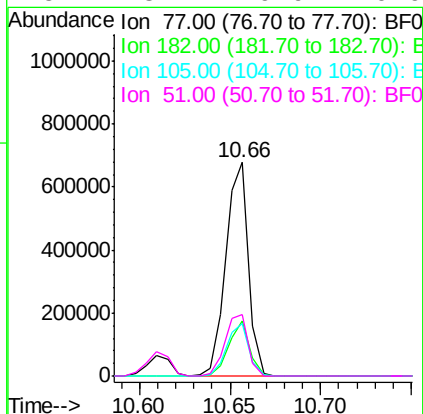
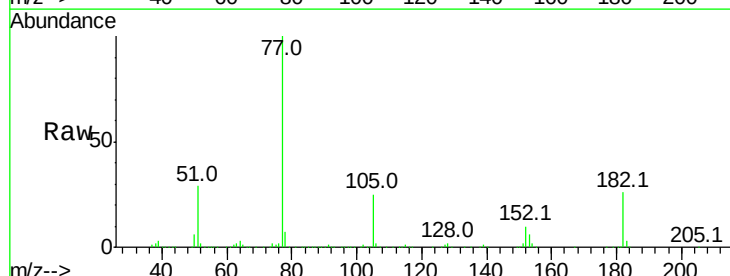
Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MSD

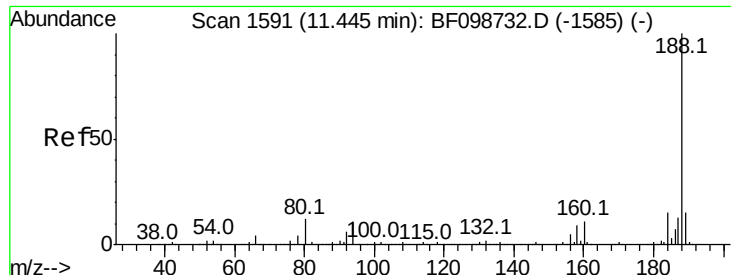
Tot Ion:138 Resp: 148958
Ion Ratio Lower Upper
138 100
92 45.1 30.2 70.2
108 65.8 52.5 92.5



#62
Azobenzene
Concen: 39.779 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion: 77 Resp: 584604
Ion Ratio Lower Upper
77 100
182 25.7 1.7 41.7
105 24.8 3.0 43.0
51 28.7 9.9 49.9

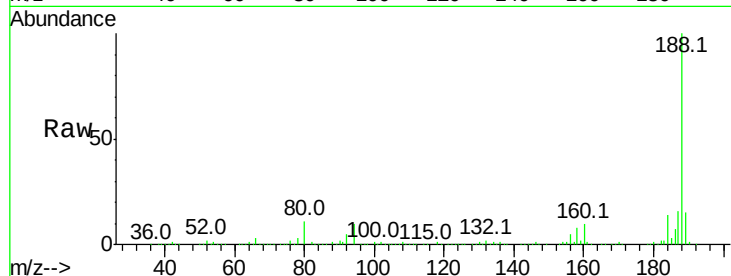




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MSD

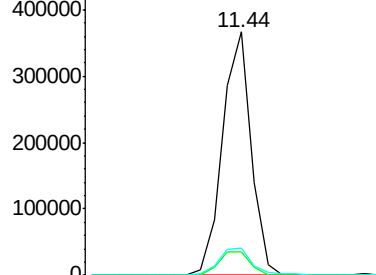
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	11.0	9.2	13.8



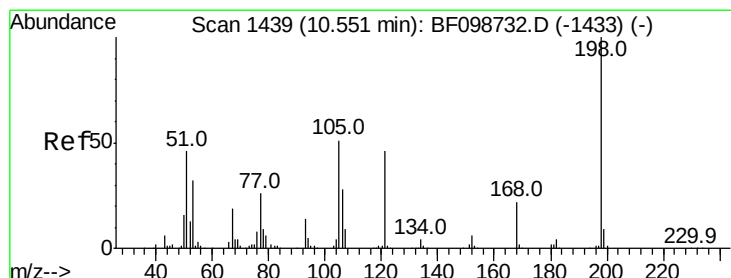
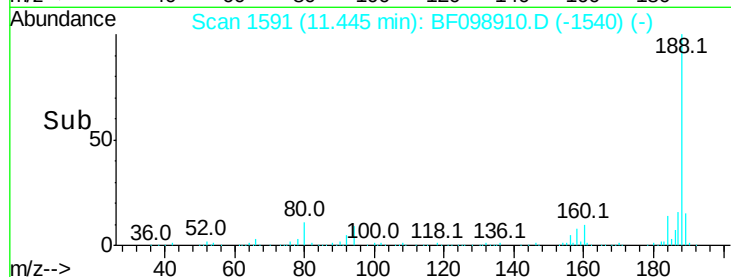
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

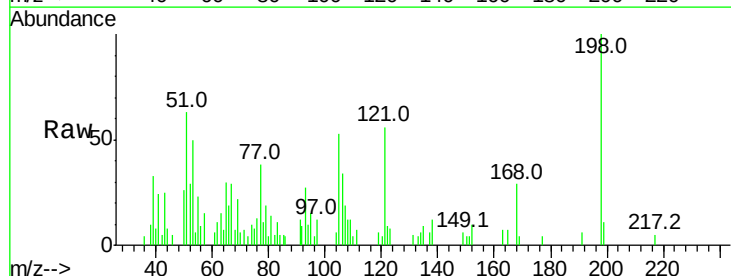


Time-->



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.293 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

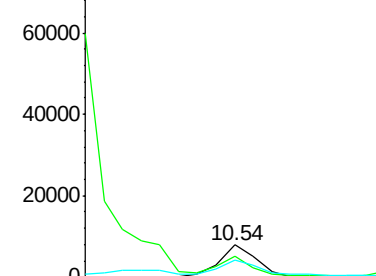
Tgt Ion	Ratio	Lower	Upper
198	100		
51	63.2	37.7	77.7
105	53.4	36.3	76.3



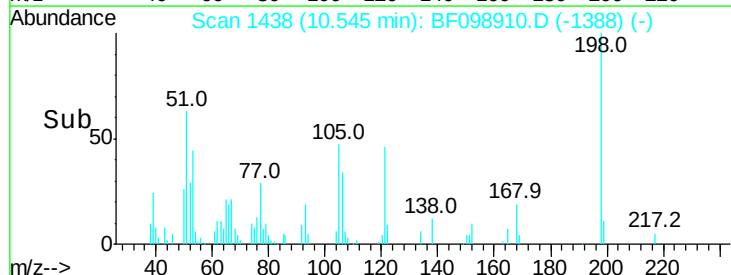
Abundance Ion 198.00 (197.70 to 198.70): E

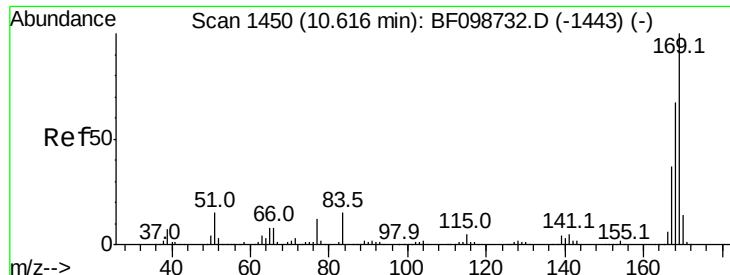
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->

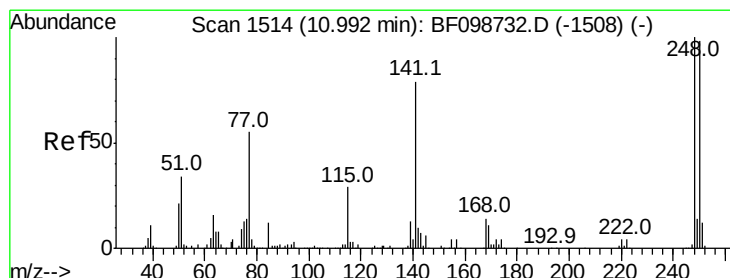
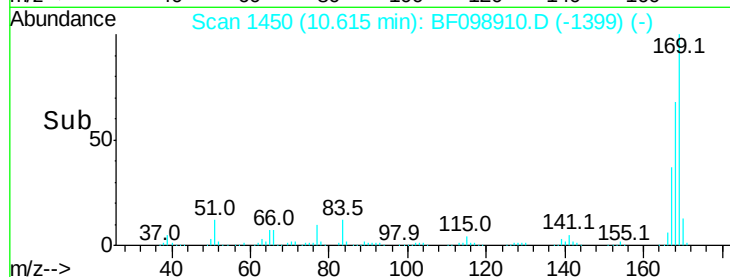
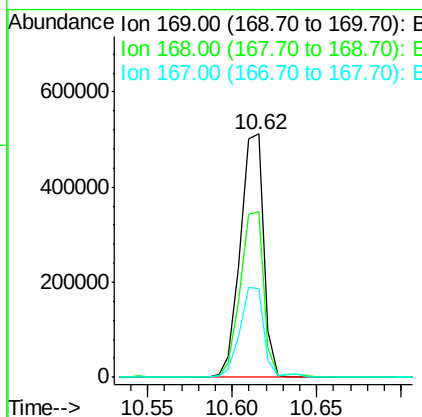
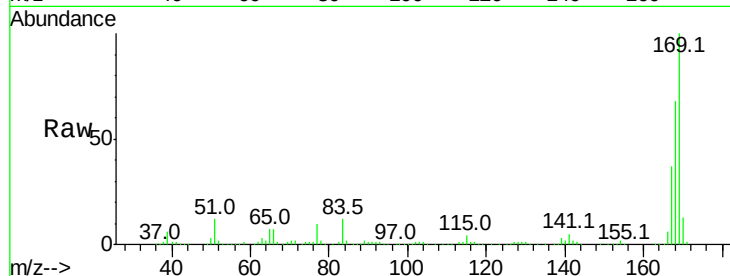




#65
 n-Nitrosodiphenylamine
 Concen: 44.780 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

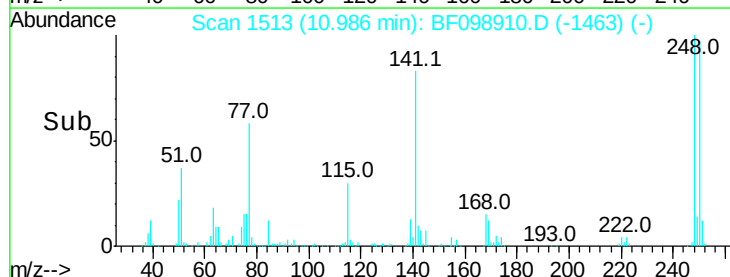
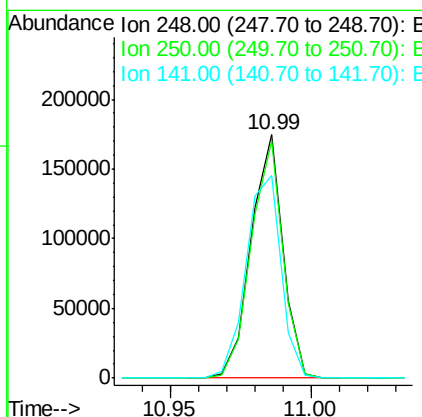
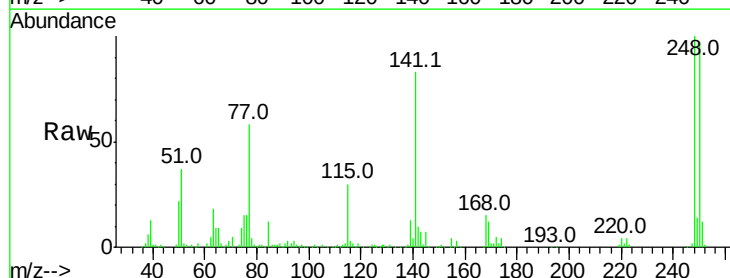
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MSD

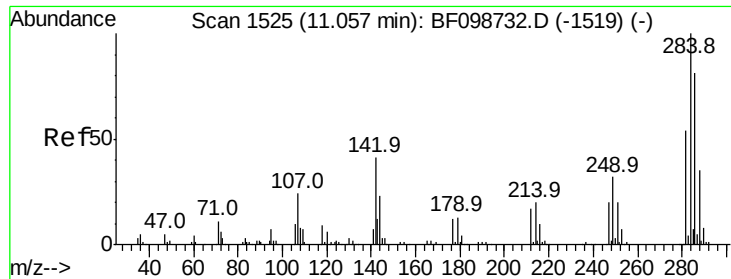
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.4	81.6
167	36.6	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 43.899 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.9	115.3
141	83.3	74.4	111.6





#67

Hexachlorobenzene

Concen: 38.845 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

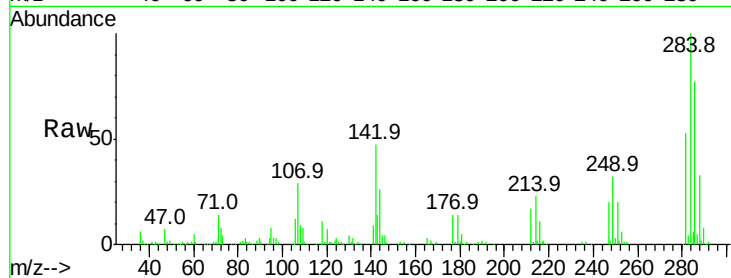
Tot Ion:284 Resp: 129191

Ion Ratio Lower Upper

284 100

142 47.2 34.6 52.0

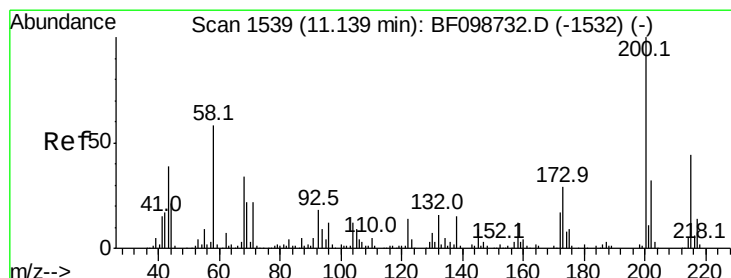
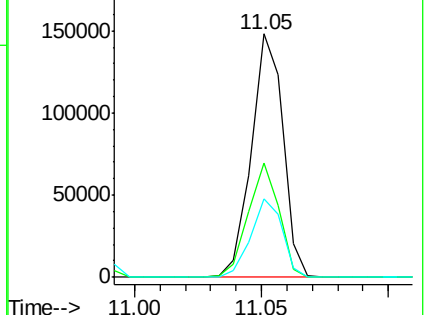
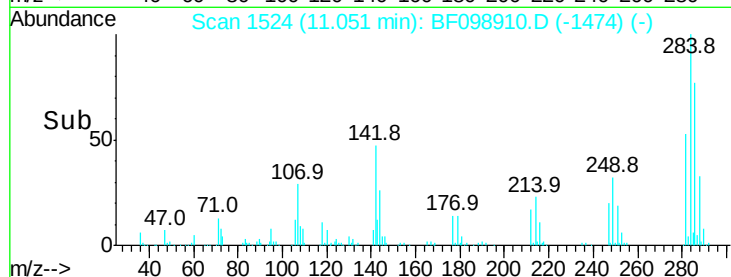
249 32.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.635 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

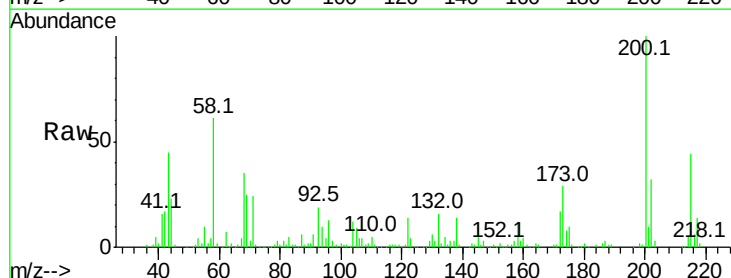
Tgt Ion:200 Resp: 138054

Ion Ratio Lower Upper

200 100

173 29.0 8.6 48.6

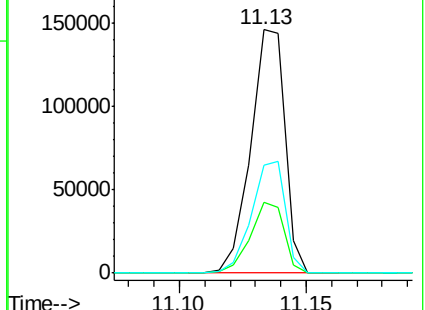
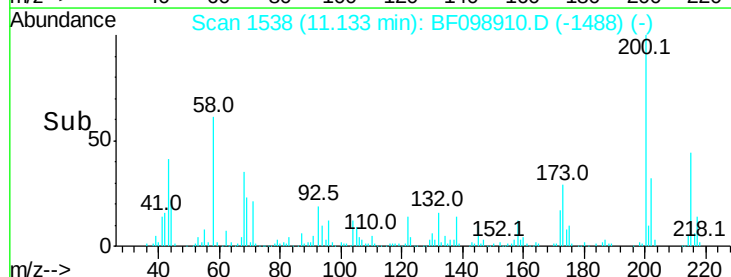
215 44.1 25.1 65.1

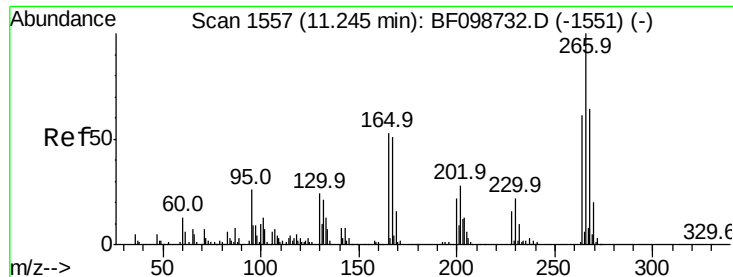


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 65.516 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

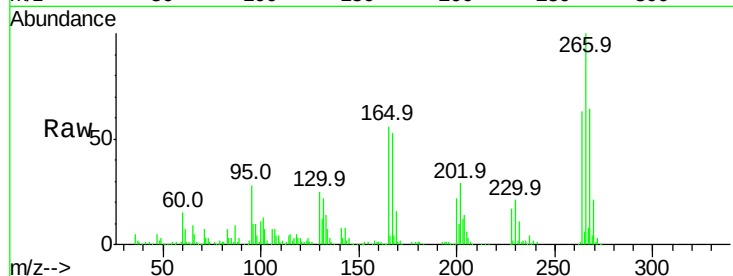
Tot Ion:266 Resp: 135609

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

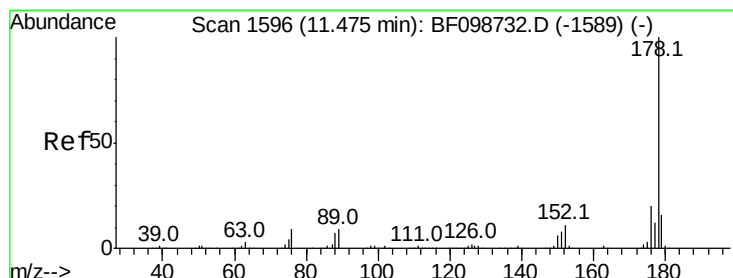
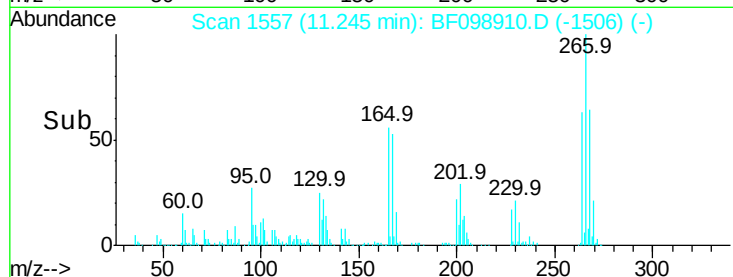
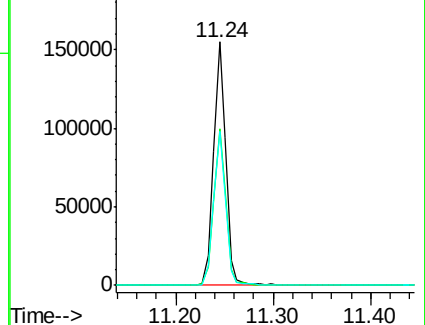
264 63.3 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.465 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

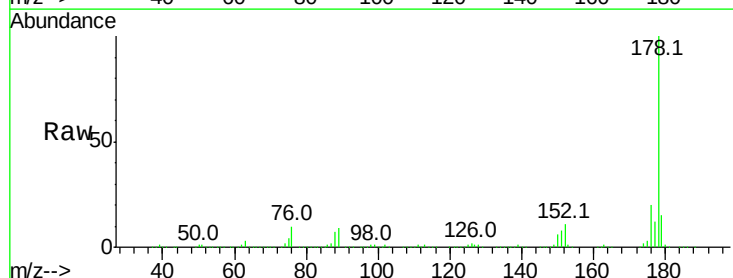
Tgt Ion:178 Resp: 723121

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

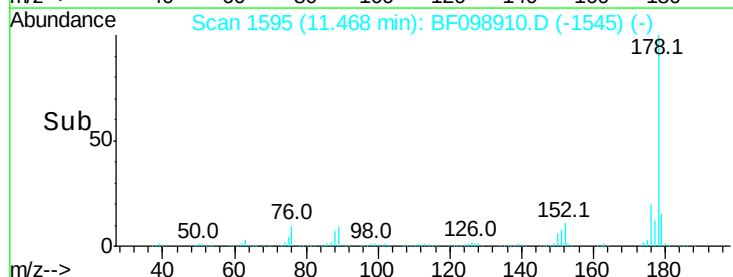
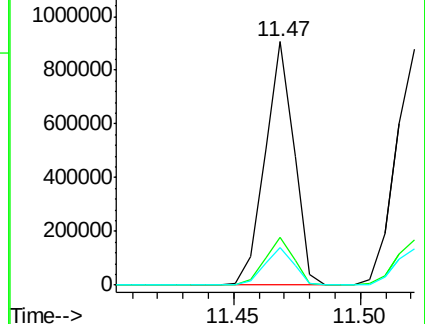
179 15.5 13.0 19.6

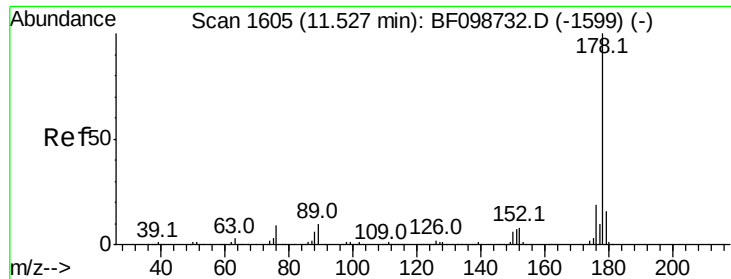


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

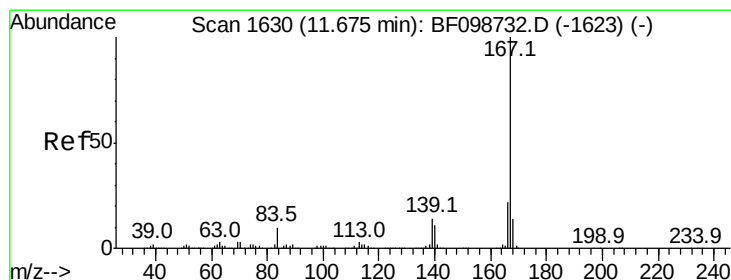
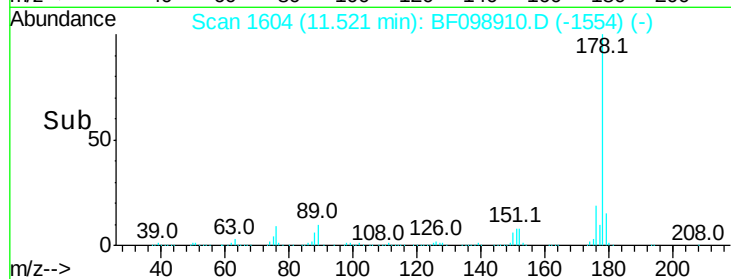
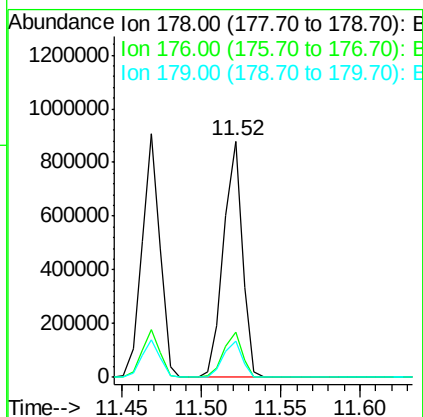
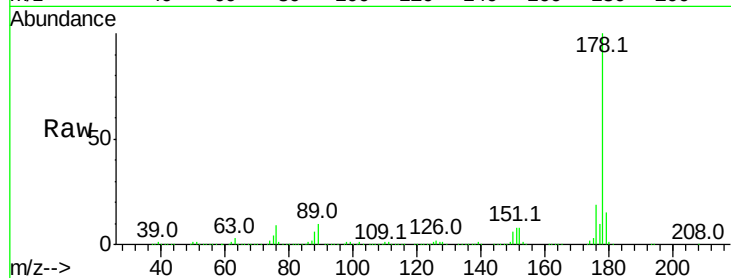




#71
 Anthracene
 Concen: 41.810 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

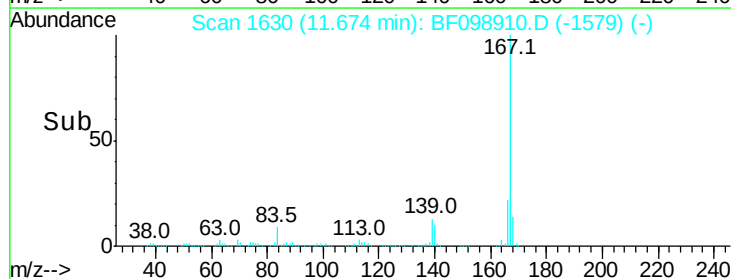
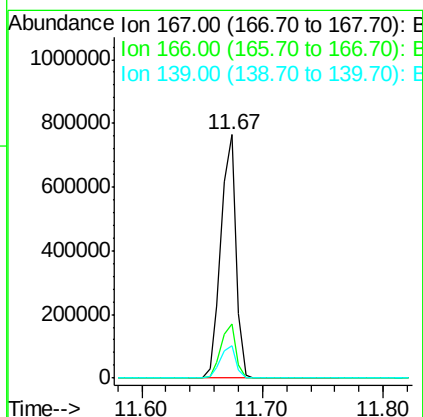
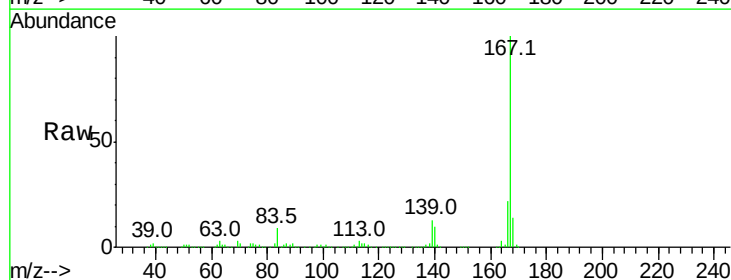
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MSD

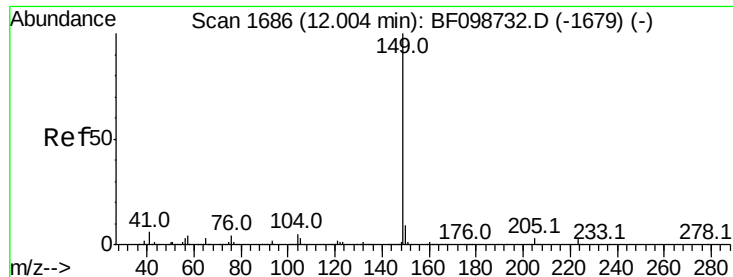
Tot Ion:178 Resp: 728462
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 38.680 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion:167 Resp: 659958
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.158 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

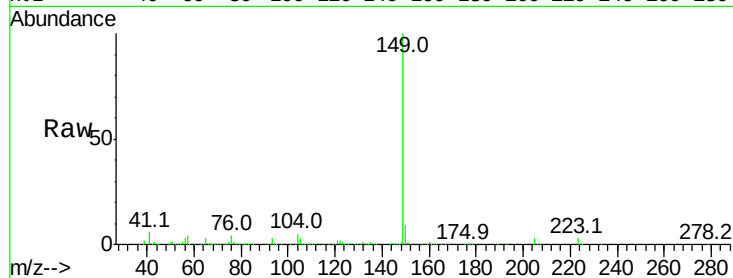
Tot Ion:149 Resp: 865809

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

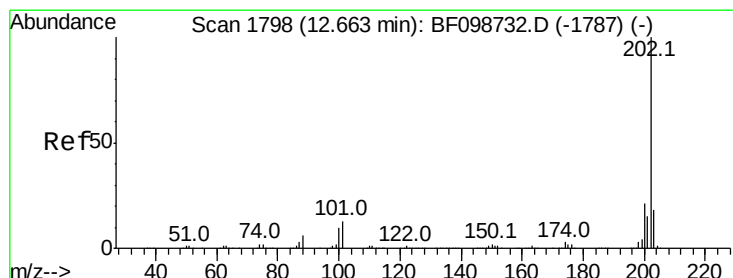
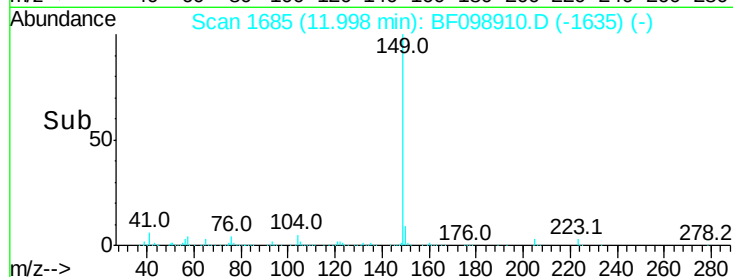
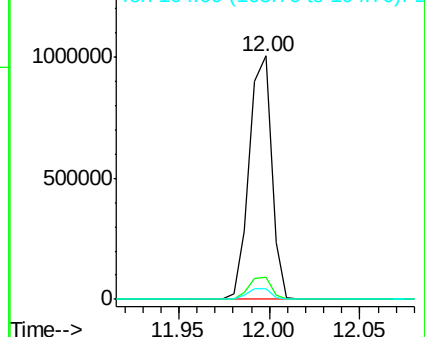
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.141 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

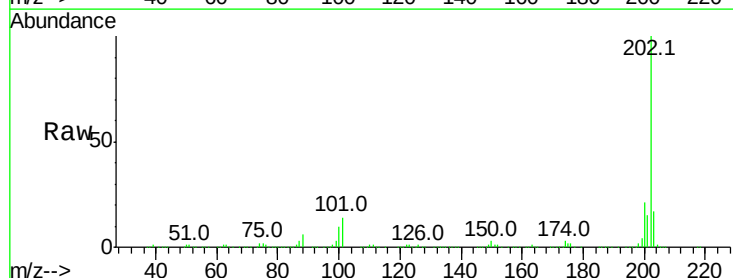
Tgt Ion:202 Resp: 726655

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

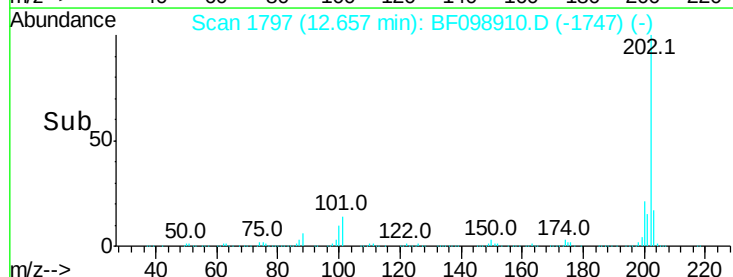
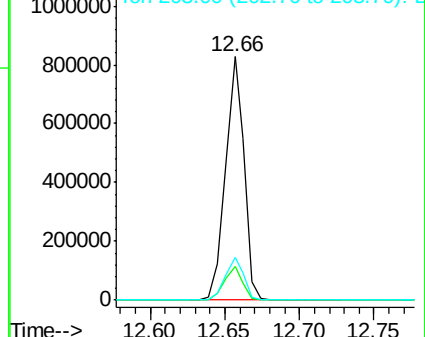
203 17.4 0.0 38.1

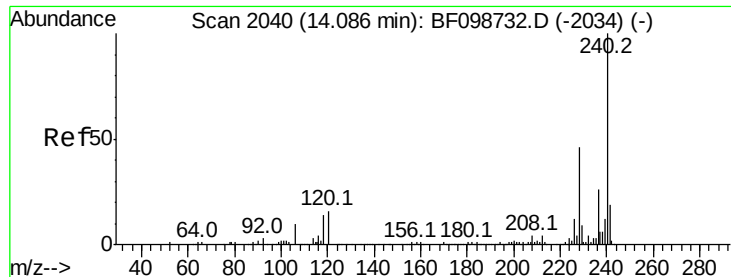


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

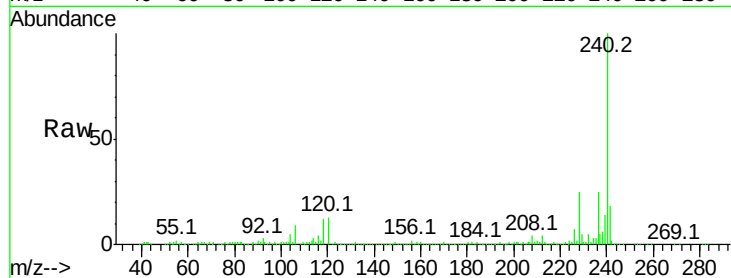
BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

Tot Ion:240 Resp: 238977

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.2	20.7	31.1

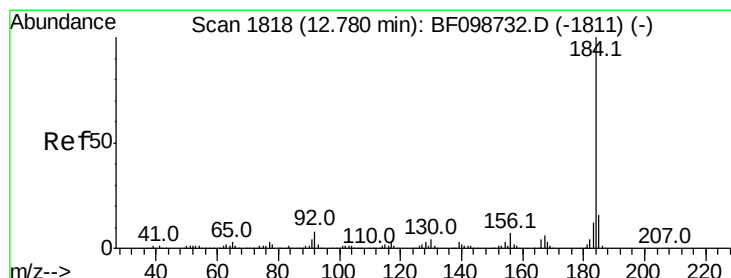
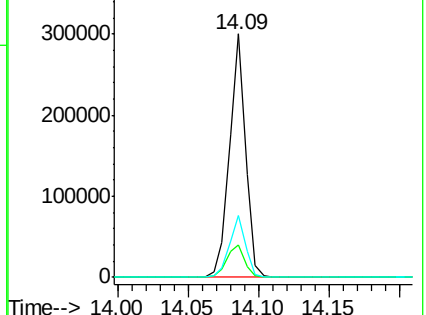
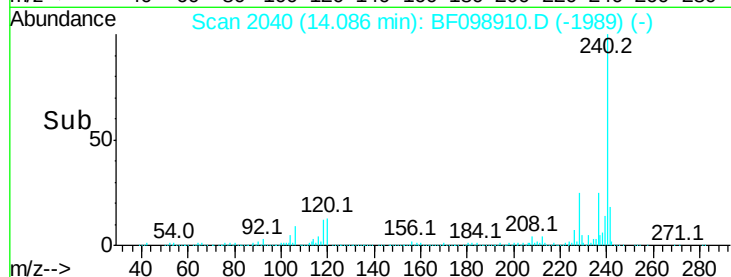


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 5.397 ng

RT: 12.77 min Scan# 1817

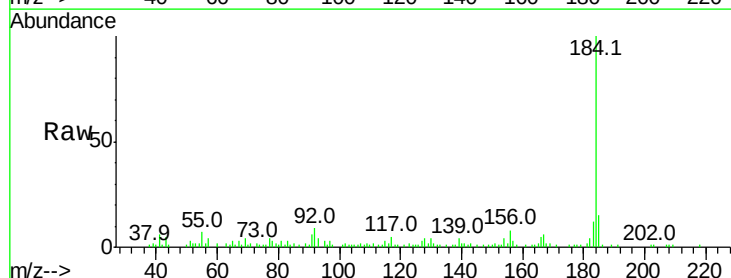
Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Tgt Ion:184 Resp: 47703

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	12.1	9.3	13.9

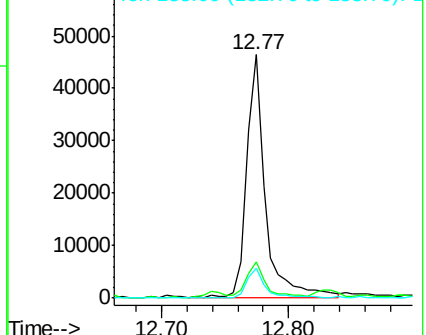
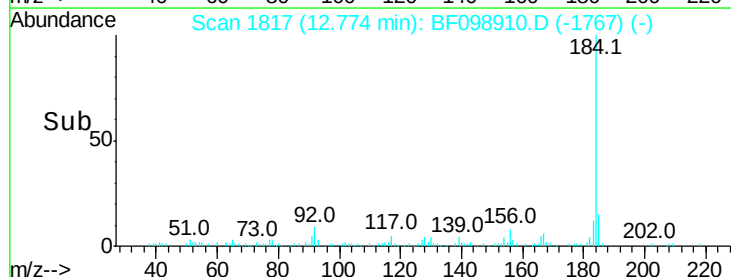


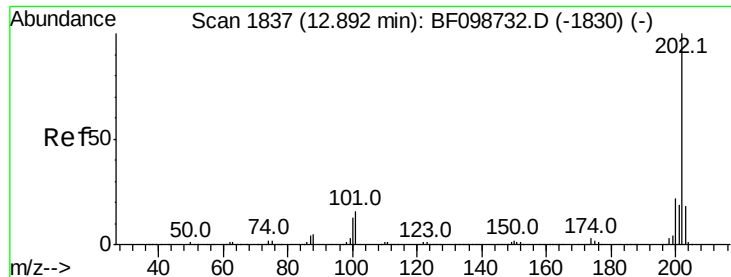
Abundance

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

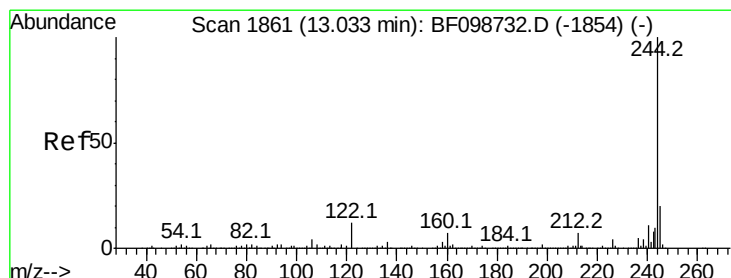
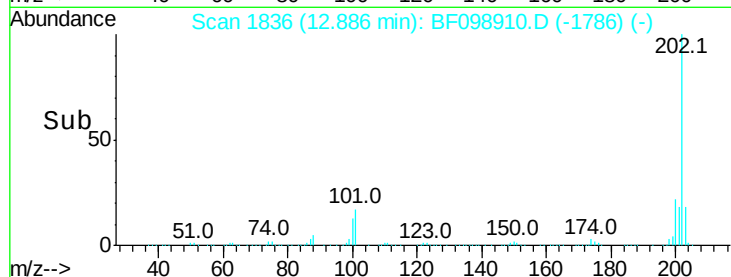
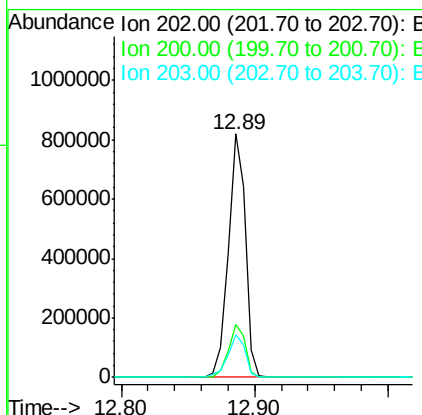
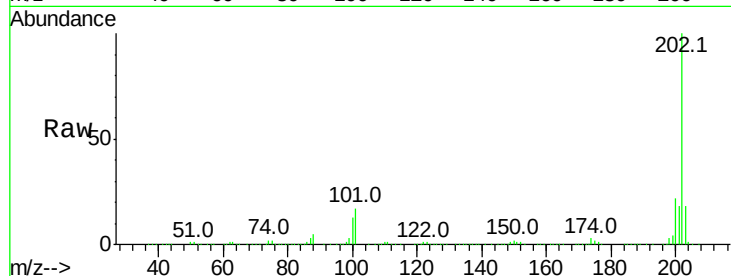




#77
Pvrene
Concen: 40.816 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

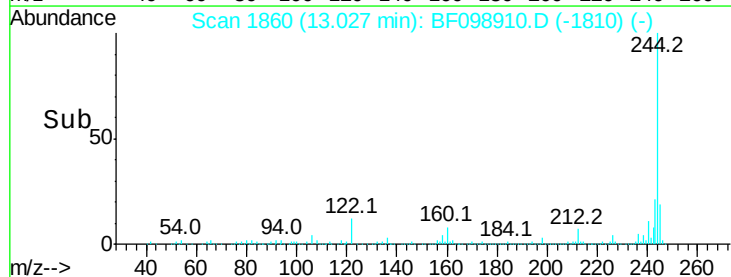
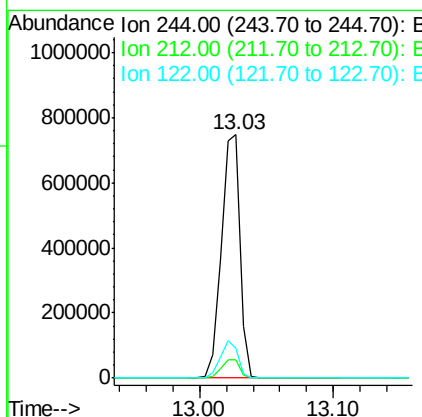
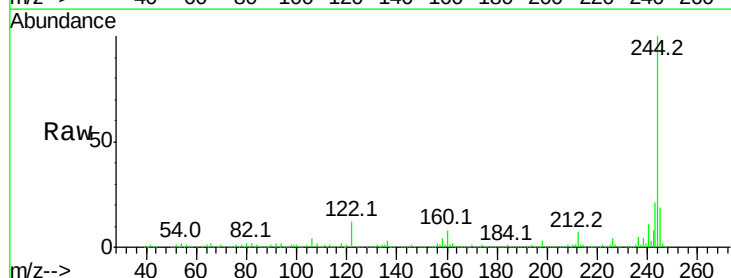
Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MSD

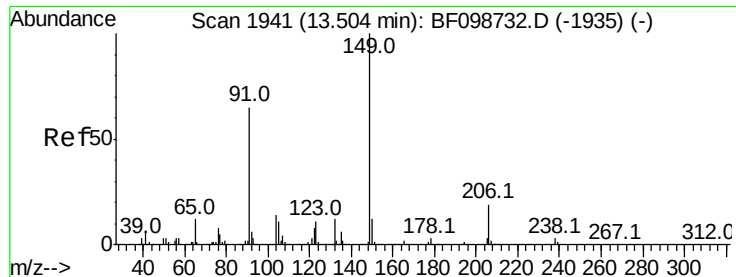
Tot Ion:202 Resp: 743792
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 70.185 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:244 Resp: 737512
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 12.1 11.0 16.4





#79

Butylbenzylphthalate

Concen: 39.926 ng

RT: 13.50 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

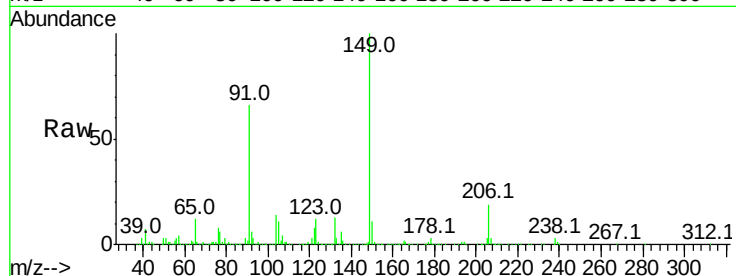
Tot Ion:149 Resp: 341943

Ion Ratio Lower Upper

149 100

91 66.4 56.8 85.2

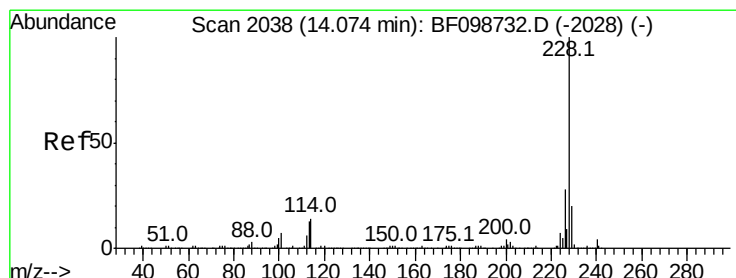
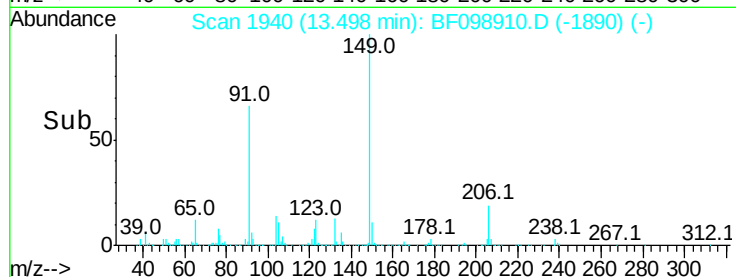
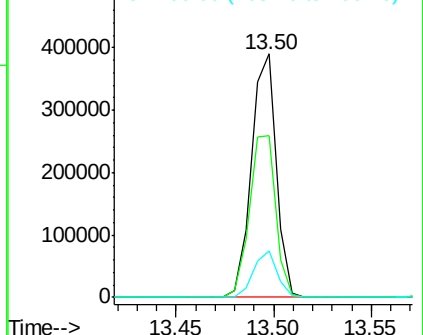
206 19.2 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.152 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

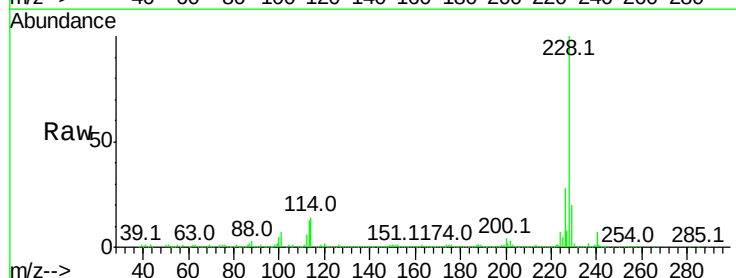
Tgt Ion:228 Resp: 595490

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

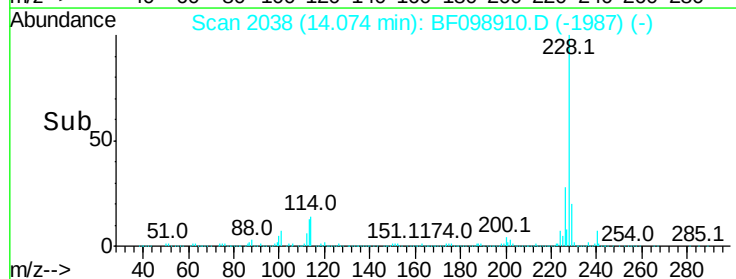
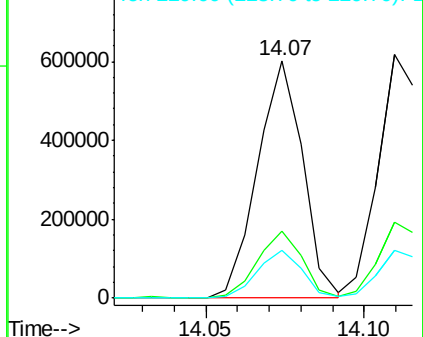
229 20.1 15.8 23.6

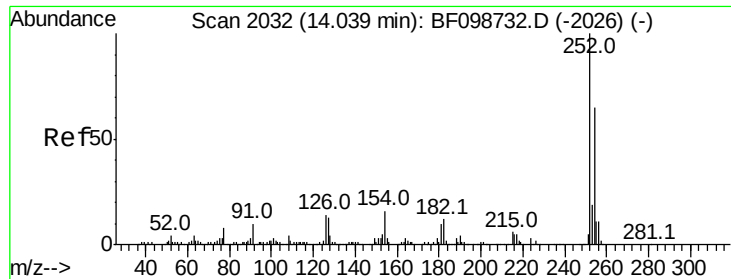


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

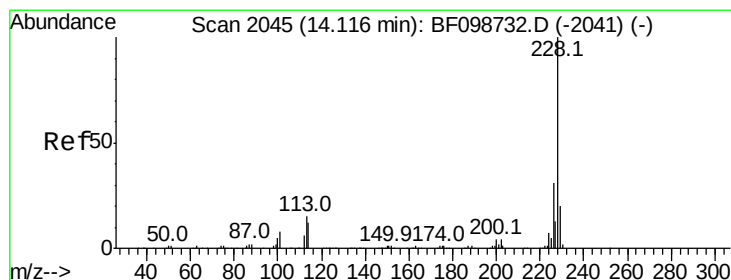
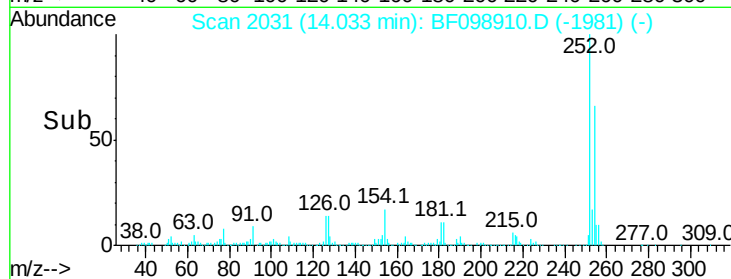
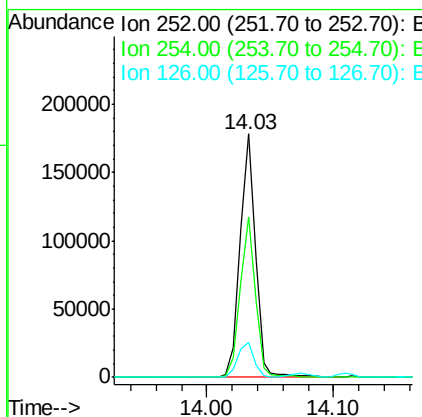
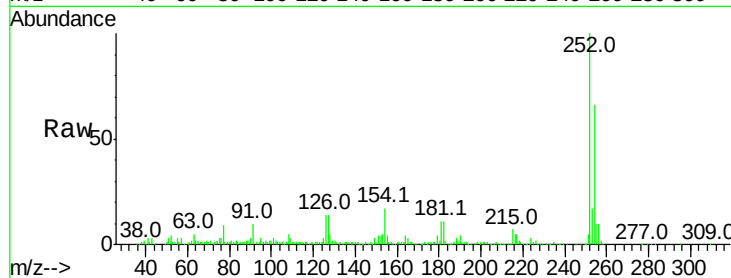




#81
 3,3'-Dichlorobenzidine
 Concen: 28.113 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

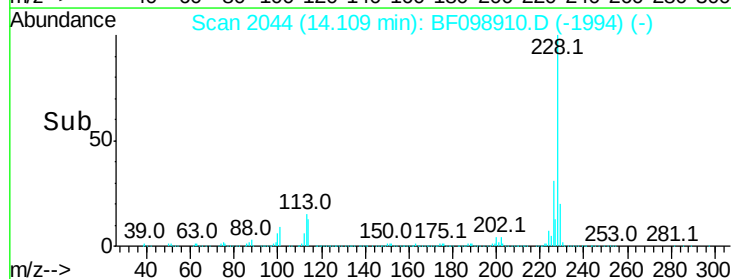
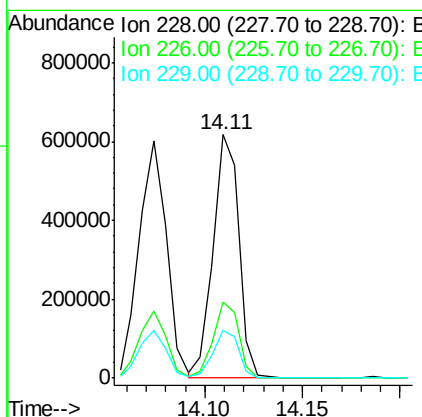
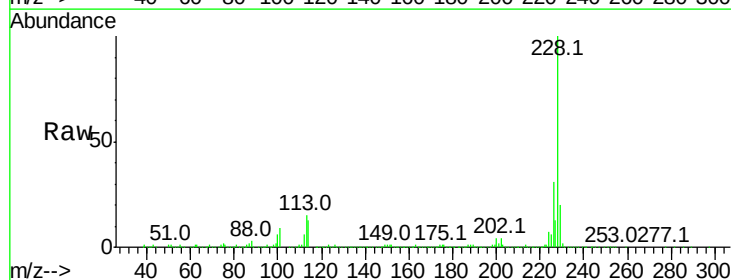
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MSD

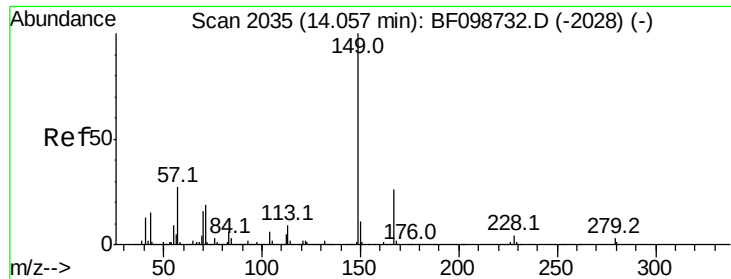
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.4	75.6
126	14.3	11.3	16.9



#82
 Chrysene
 Concen: 40.929 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.8	16.2	24.4

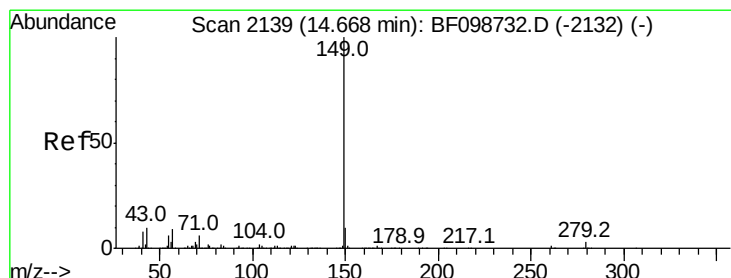
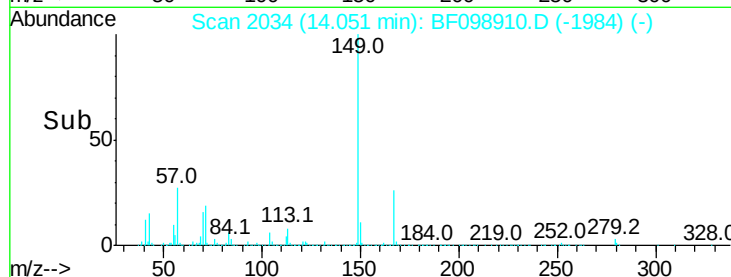
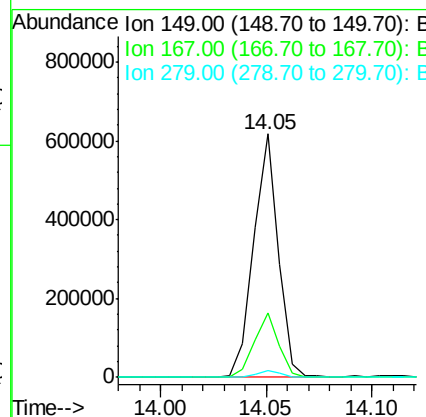
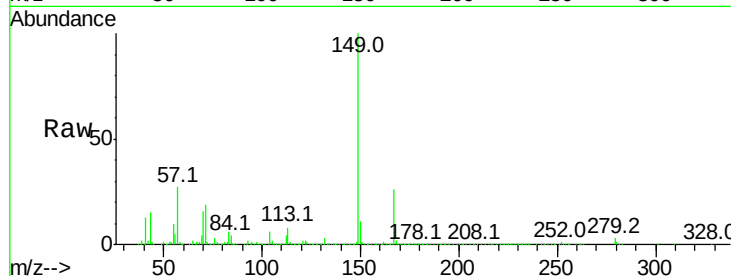




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.234 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

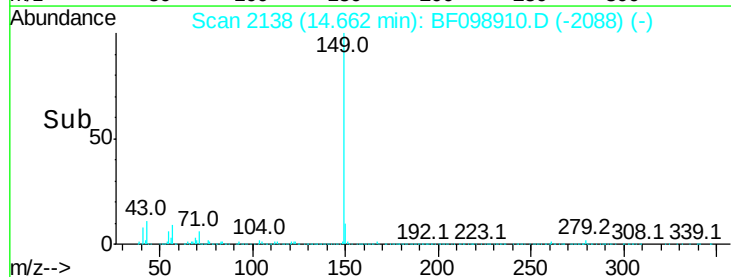
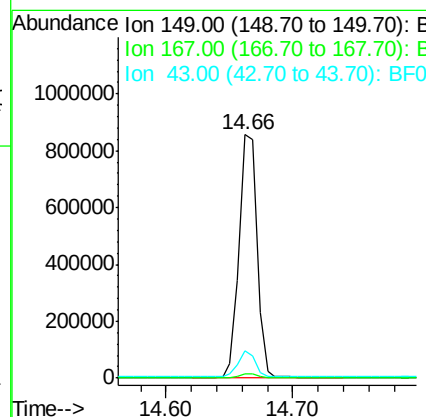
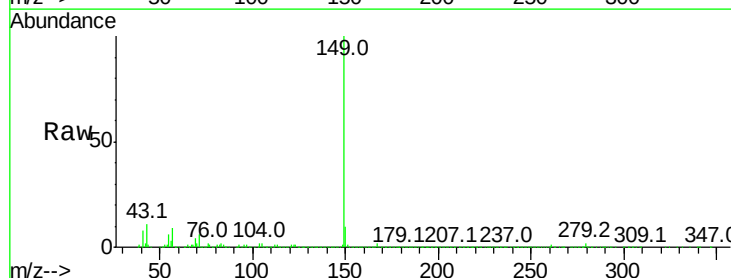
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MSD

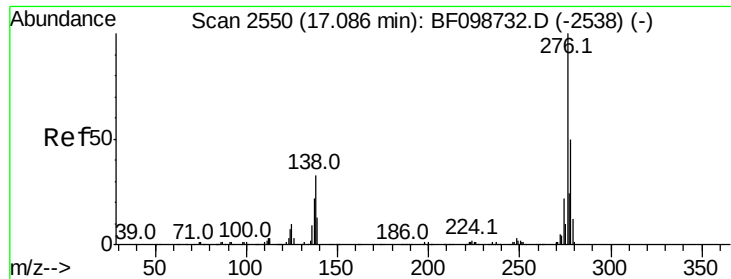
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	2.7	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 43.782 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098910.D
 Acq: 28 Sep 2017 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.325 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

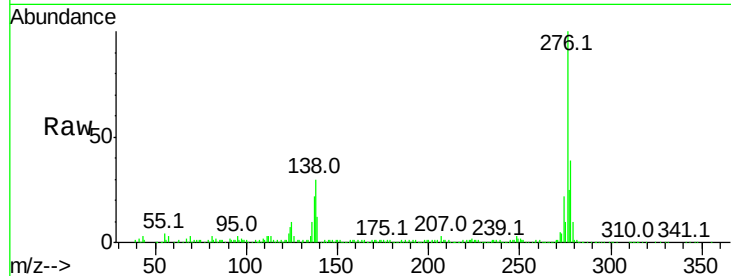
Tot Ion:276 Resp: 367262

Ion Ratio Lower Upper

276 100

138 34.1 25.0 37.6

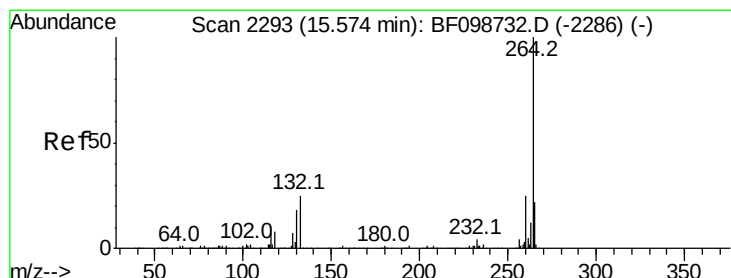
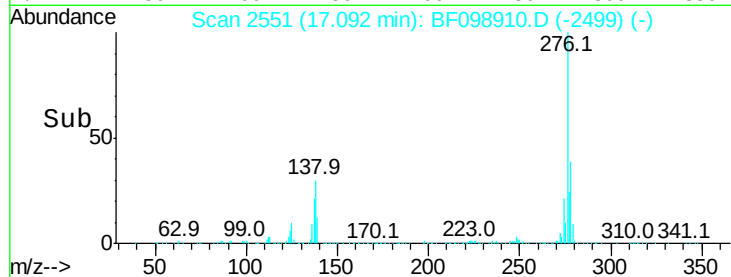
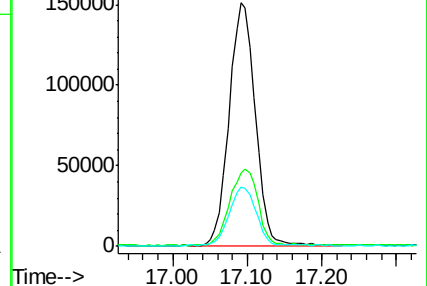
277 25.1 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

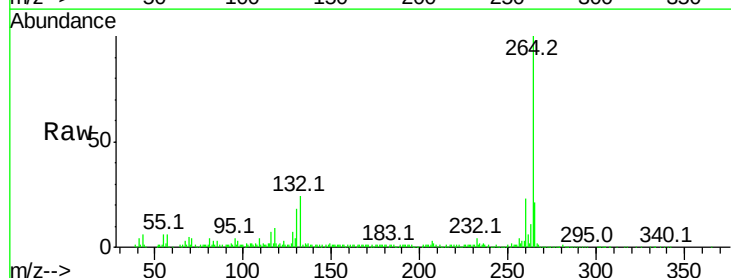
Tgt Ion:264 Resp: 171954

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

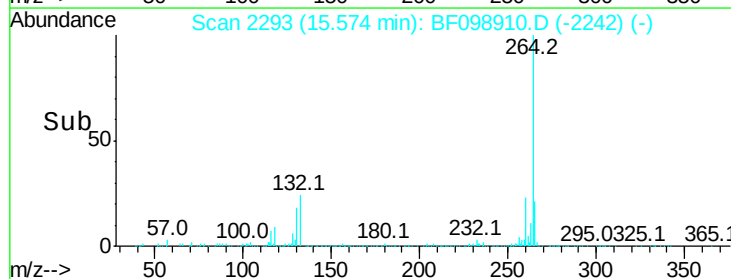
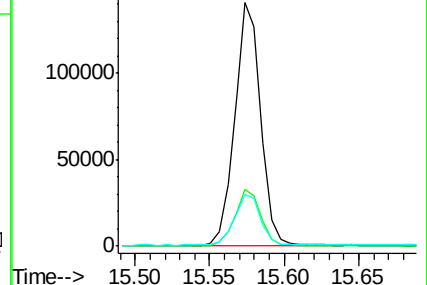
265 21.4 17.5 26.3

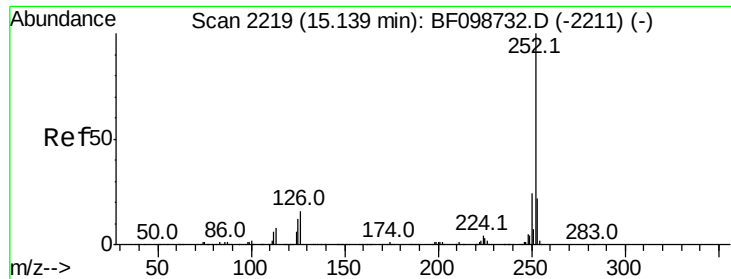


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.810 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.00 min

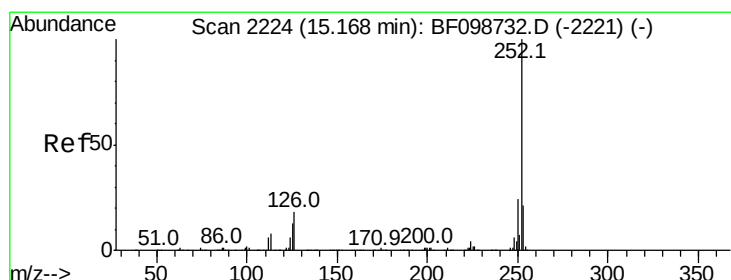
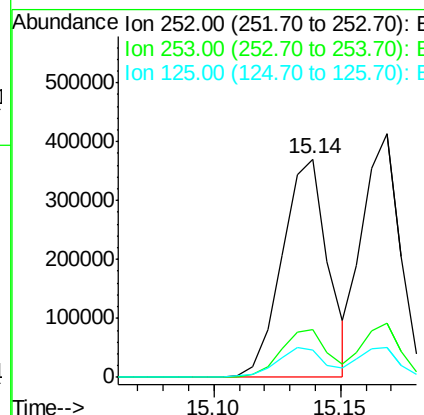
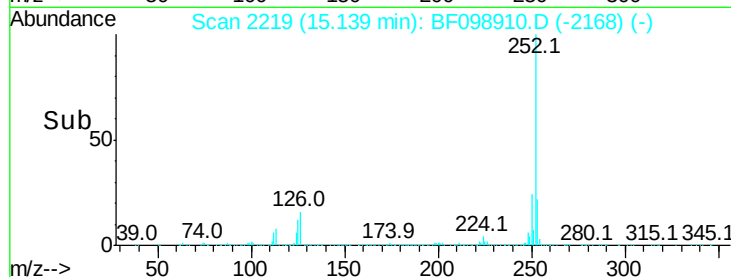
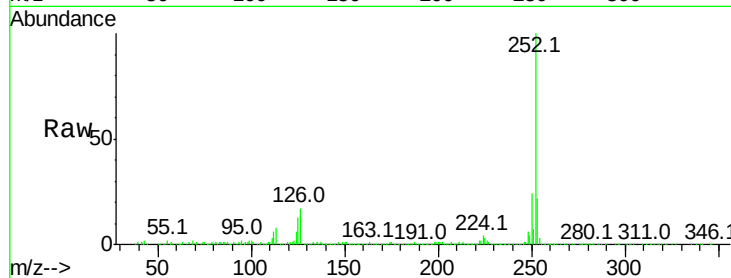
Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MSD

Tot Ion:252 Resp: 463181

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.6	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 41.059 ng

RT: 15.17 min Scan# 2224

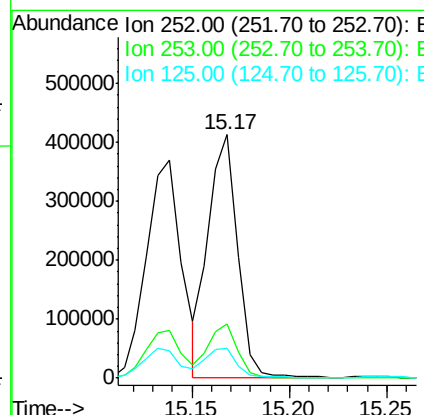
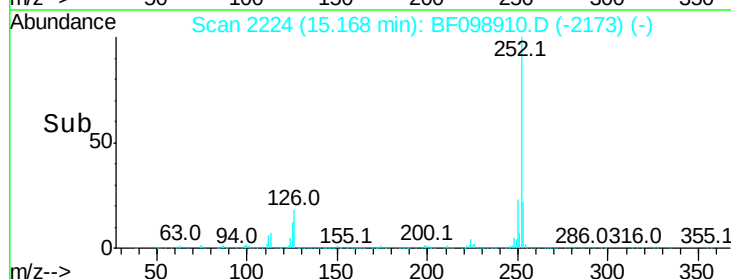
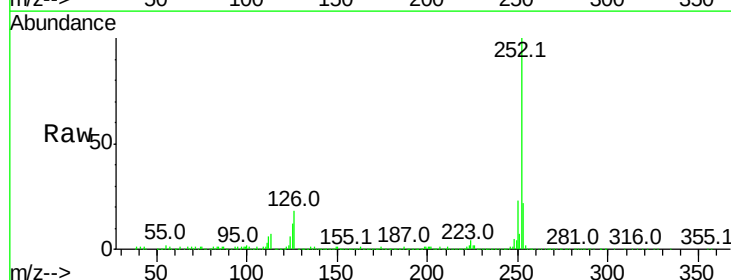
Delta R.T. -0.00 min

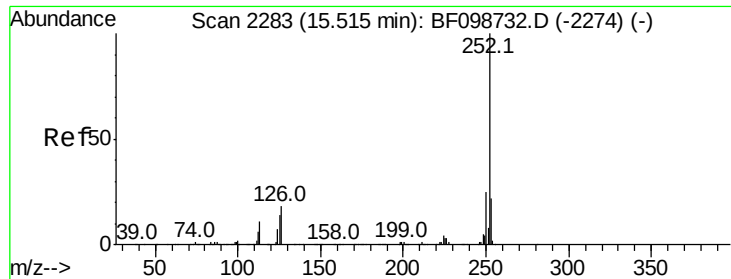
Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Tgt Ion:252 Resp: 428758

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.5	10.2	15.2

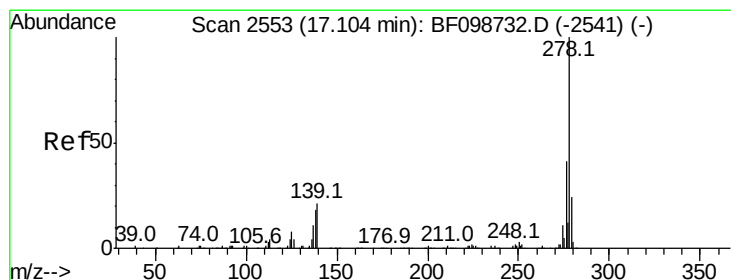
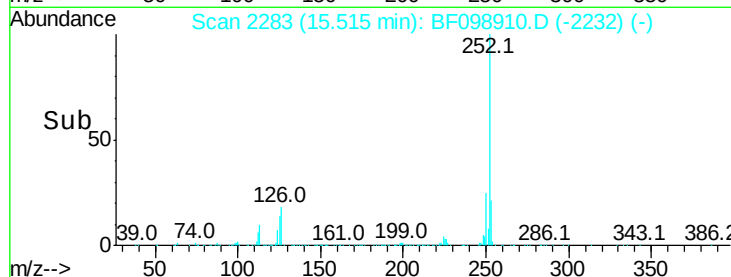
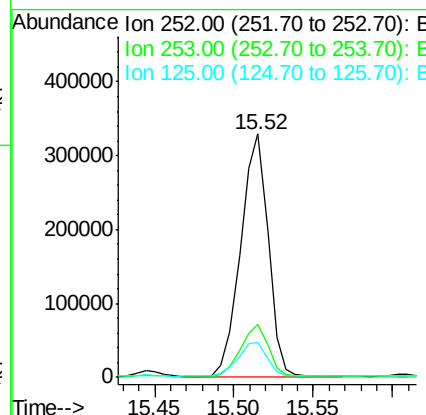
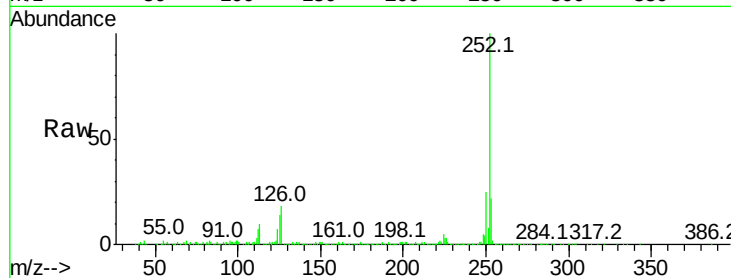




#89
Benzo(a)pyrene
Concen: 41.206 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

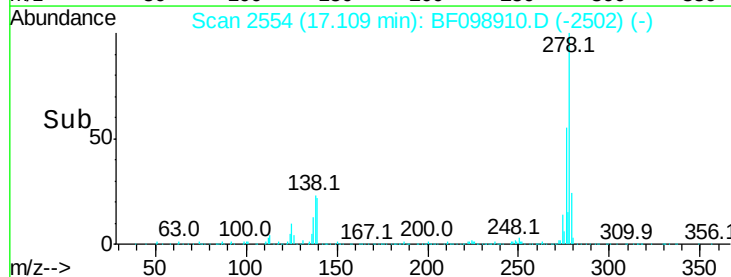
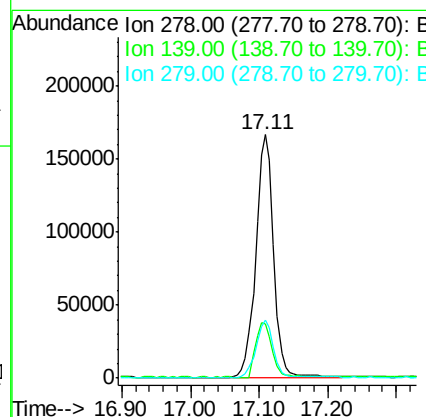
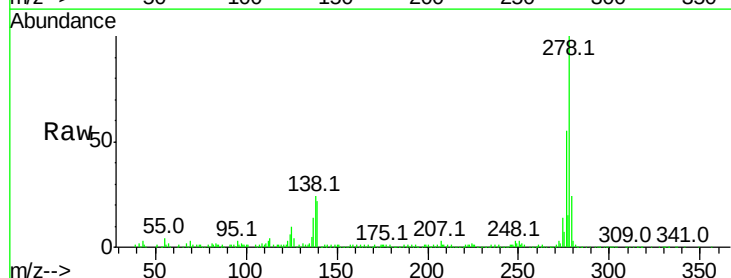
Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MSD

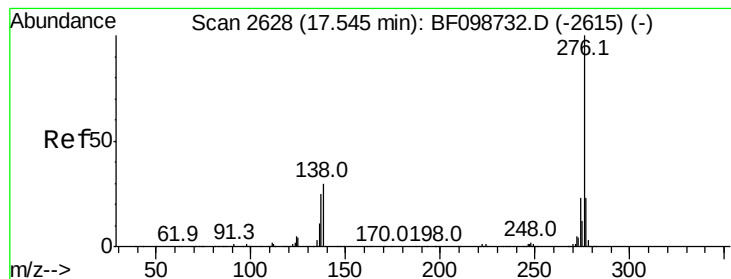
Tot Ion:252 Resp: 399894
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 39.192 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098910.D
Acq: 28 Sep 2017 15:58

Tgt Ion:278 Resp: 304388
Ion Ratio Lower Upper
278 100
139 22.3 15.9 23.9
279 23.8 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.737 ng

RT: 17.56 min Scan# 2630

Delta R.T. 0.01 min

Lab File: BF098910.D

Acq: 28 Sep 2017 15:58

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MSD

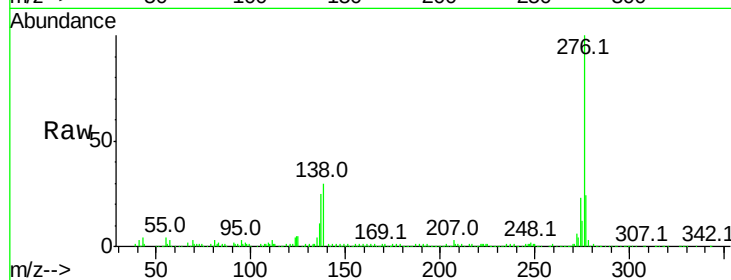
Tot Ion:276 Resp: 297391

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 29.6 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

