

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
 Data File : BF089705.D
 Acq On : 10 Aug 2016 20:10
 Operator : UM/SJ
 Sample : H4386-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

Quant Time: Aug 11 01:10:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	45989	20.00	ng	-0.05
21) Naphthalene-d8	9.43	136	202964	20.00	ng	-0.05
38) Acenaphthene-d10	12.25	164	96940	20.00	ng	-0.05
63) Phenanthrene-d10	14.65	188	184991	20.00	ng	-0.05
75) Chrysene-d12	18.37	240	141084	20.00	ng	-0.02
86) Perylene-d12	20.02	264	111298	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	342604	124.86	ng	0.00
7) Phenol-d6	6.97	99	498143	133.83	ng	-0.01
23) Nitrobenzene-d5	8.32	82	316895	86.36	ng	-0.05
41) 2,4,6-Tribromophenol	13.55	330	93083	116.36	ng	-0.03
44) 2-Fluorobiphenyl	11.21	172	558348	74.86	ng	-0.05
78) Terphenyl-d14	17.02	244	488576	68.36	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	49966	31.77	ng	# 74
3) Pyridine	2.32	79	129852	44.92	ng	98
4) n-Nitrosodimethylamine	2.31	42	53401	43.02	ng	98
6) Aniline	6.90	93	127951	26.53	ng	96
8) 2-Chlorophenol	7.08	128	149213	44.29	ng	99
9) Benzaldehyde	6.72	77	38135	28.24	ng	94
10) Phenol	6.98	94	184064	48.17	ng	100
11) bis(2-Chloroethyl)ether	7.05	93	146915	44.75	ng	99
12) 1,3-Dichlorobenzene	7.30	146	143529	39.23	ng	97
13) 1,4-Dichlorobenzene	7.43	146	145537	39.88	ng	97
14) 1,2-Dichlorobenzene	7.66	146	149764	38.94	ng	99
15) Benzyl Alcohol	7.70	79	122284	50.10	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.91	45	175137	41.89	ng	# 53
17) 2-Methylphenol	7.93	107	122919	50.52	ng	# 90
18) Hexachloroethane	8.18	117	58056	37.75	ng	96
19) n-Nitroso-di-n-propylamine	8.14	70	118604	44.11	ng	99
20) 3+4-Methylphenols	8.18	107	151527	49.34	ng	99
22) Acetophenone	8.09	105	179654	37.13	ng	98
24) Nitrobenzene	8.35	77	154859	44.43	ng	94
25) Isophorone	8.74	82	306761	43.66	ng	99
26) 2-Nitrophenol	8.86	139	66425	41.53	ng	92
27) 2,4-Dimethylphenol	9.00	122	130176	45.27	ng	97
28) bis(2-Chloroethoxy)methane	9.13	93	185195	43.57	ng	99
29) 2,4-Dichlorophenol	9.28	162	113534	41.73	ng	98
30) 1,2,4-Trichlorobenzene	9.36	180	125985	40.54	ng	99
31) Naphthalene	9.46	128	430209	39.88	ng	100
33) 4-Chloroaniline	9.61	127	102518	25.30	ng	97
34) Hexachlorobutadiene	9.69	225	65500	36.60	ng	97
35) Caprolactam	10.22	113	37800	47.67	ng	94
36) 4-Chloro-3-methylphenol	10.48	107	142201	44.96	ng	94
37) 2-Methylnaphthalene	10.59	142	282831	42.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.87	216	108812	29.86	ng	99
40) Hexachlorocyclopentadiene	10.84	237	77896	63.84	ng	98
42) 2,4,6-Trichlorophenol	11.10	196	55601	30.94	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

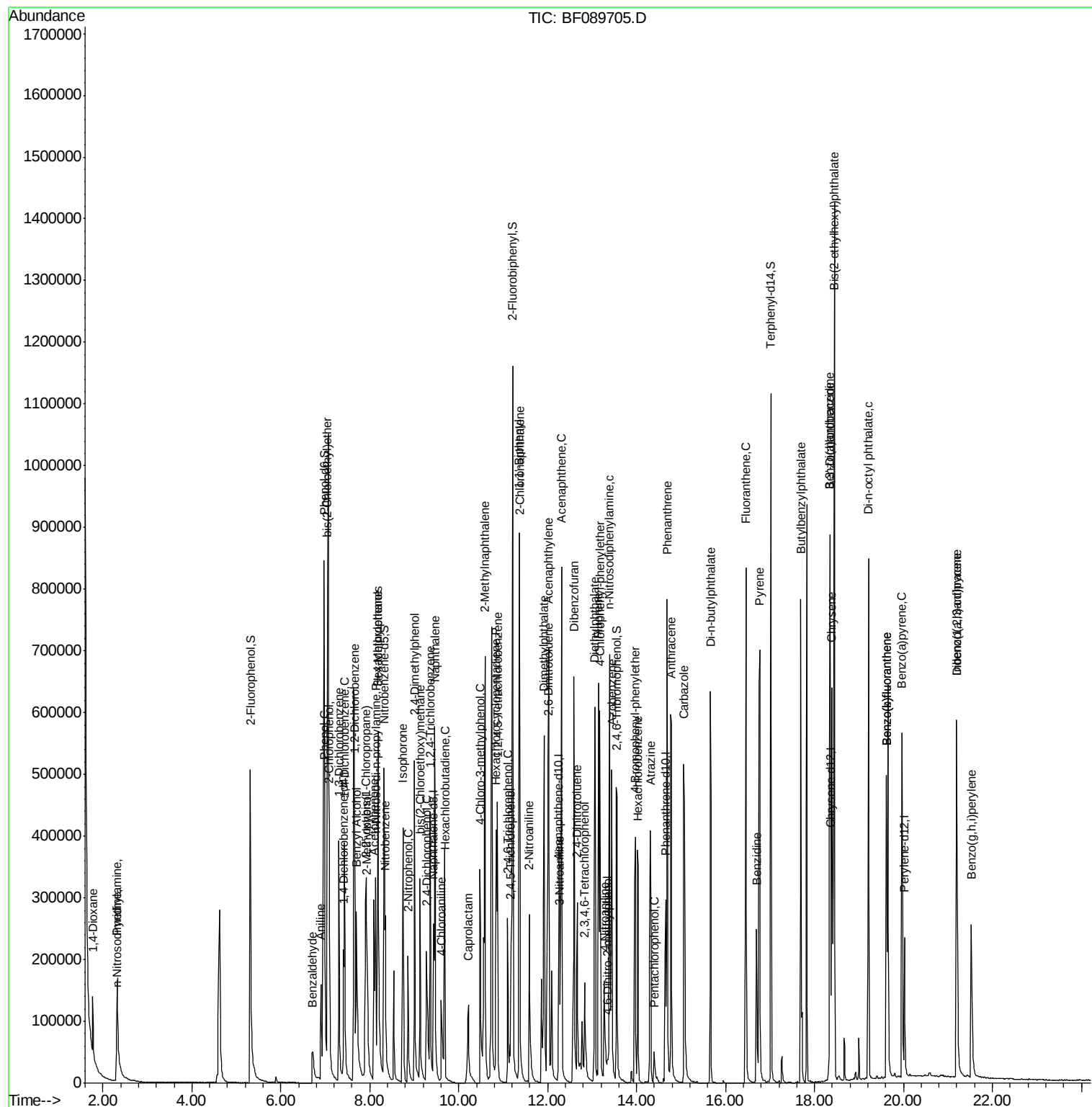
43) 2,4,5-Trichlorophenol	11.18	196	75398	39.26	ng	# 91
45) 1,1'-Biphenyl	11.36	154	305424	34.94	ng	100
46) 2-Chloronaphthalene	11.37	162	256106	39.07	ng	98
47) 2-Nitroaniline	11.59	65	89108	42.18	ng	98
48) Acenaphthylene	12.02	152	430979	39.92	ng	100
49) Dimethylphthalate	11.92	163	420711	55.37	ng	99
50) 2,6-Dinitrotoluene	12.01	165	71315	47.21	ng	93
51) Acenaphthene	12.31	154	250776	40.21	ng	100
52) 3-Nitroaniline	12.27	138	61505	34.04	ng	94
54) Dibenzofuran	12.59	168	379843	44.31	ng	98
55) 4-Nitrophenol	12.59	139	152804	Below	Cal	# 22
56) 2,4-Dinitrotoluene	12.66	165	96852	45.58	ng	# 86
57) Fluorene	13.14	166	306170	41.78	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.83	232	38468	26.38	ng	# 99
59) Diethylphthalate	13.06	149	334273	42.54	ng	98
60) 4-Chlorophenyl-phenylether	13.18	204	137361	40.88	ng	94
61) 4-Nitroaniline	13.28	138	69301	42.66	ng	98
62) Azobenzene	13.44	77	371882	48.93	ng	98
64) 4,6-Dinitro-2-methylphenol	13.35	198	5648	9.79	ng	95
65) n-Nitrosodiphenylamine	13.39	169	269734	43.17	ng	100
66) 4-Bromophenyl-phenylether	13.97	248	77548	43.34	ng	94
67) Hexachlorobenzene	14.03	284	77956	39.60	ng	# 81
68) Atrazine	14.31	200	83135	47.65	ng	100
69) Pentachlorophenol	14.40	266	17181	23.46	ng	99
70) Phenanthrene	14.69	178	428960	42.64	ng	100
71) Anthracene	14.78	178	457568	42.43	ng	99
72) Carbazole	15.06	167	422416	47.00	ng	99
73) Di-n-butylphthalate	15.66	149	514435	42.32	ng	98
74) Fluoranthene	16.46	202	443560	42.90	ng	100
76) Benzidine	16.70	184	218764	51.15	ng	99
77) Pyrene	16.77	202	452515	36.28	ng	99
79) Butylbenzylphthalate	17.69	149	218546	41.17	ng	91
80) Benzo(a)anthracene	18.34	228	347992	42.93	ng	100
81) 3,3'-Dichlorobenzidine	18.34	252	85899	33.63	ng	98
82) Chrysene	18.39	228	338536	39.81	ng	100
83) Bis(2-ethylhexyl)phthalate	18.45	149	727243	98.95	ng	97
84) Di-n-octyl phthalate	19.21	149	510330	48.25	ng	99
85) Indeno(1,2,3-cd)pyrene	21.20	276	255758	39.61	ng	99
87) Benzo(b)fluoranthene	19.62	252	305568	44.64	ng	100
88) Benzo(k)fluoranthene	19.62	252	305568	44.25	ng	# 96
89) Benzo(a)pyrene	19.97	252	265837	41.48	ng	100
90) Dibenzo(a,h)anthracene	21.20	278	214110	35.76	ng	98
91) Benzo(g,h,i)perylene	21.53	276	216099	35.26	ng	95

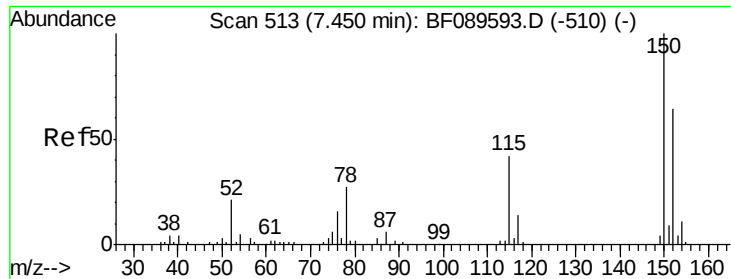
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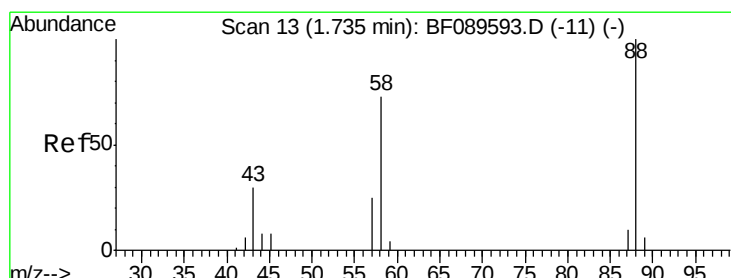
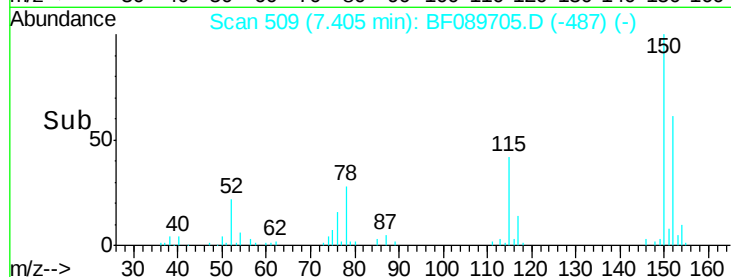
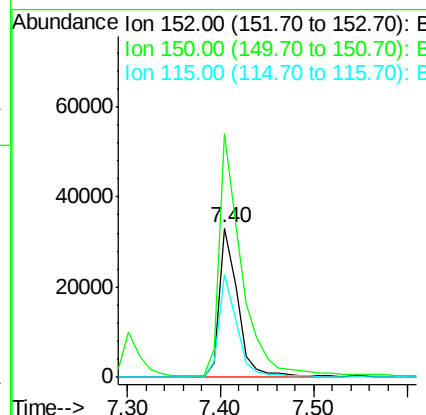
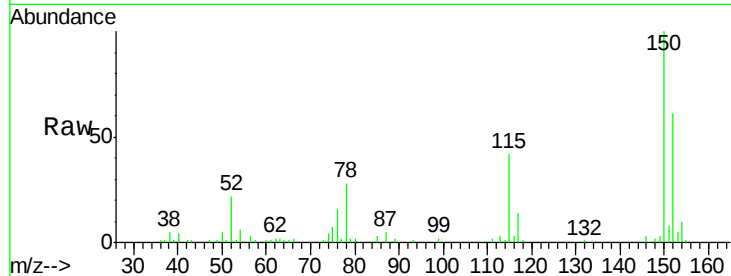




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.05 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

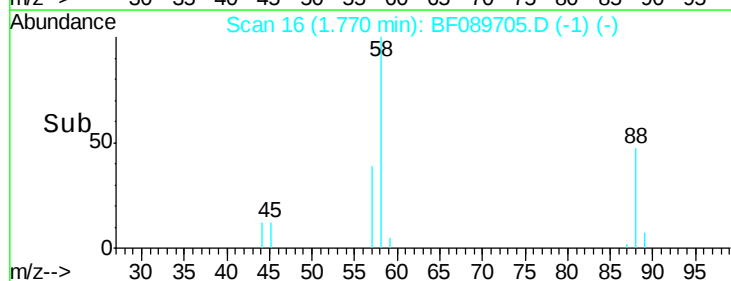
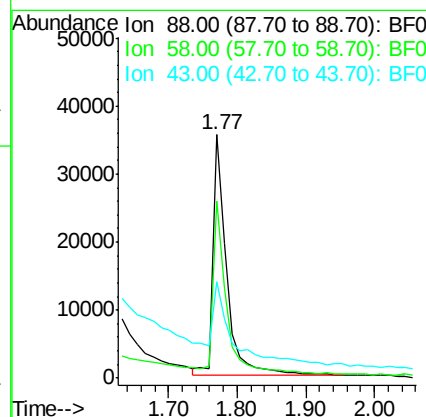
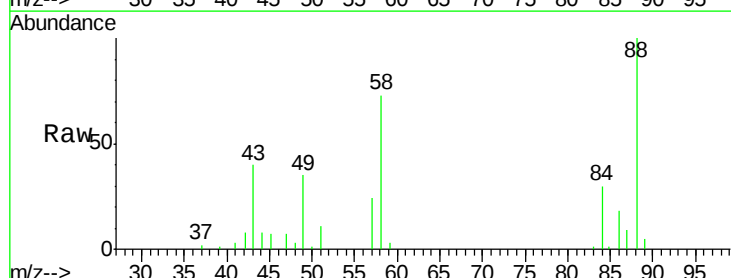
Instrument :
 BNA_F
 ClientSampleId :
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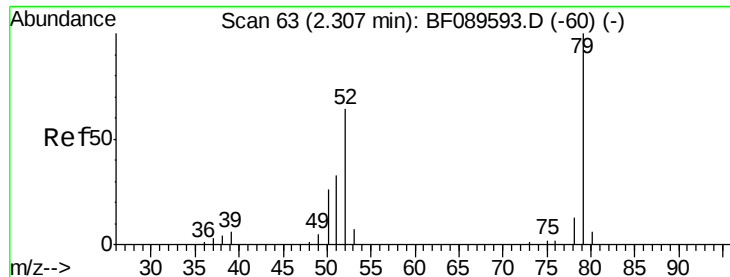
Tgt Ion:152 Resp: 45989
 Ion Ratio Lower Upper
 152 100
 150 162.9 125.5 188.3
 115 68.9 52.0 78.0



#2
 1,4-Dioxane
 Concen: 31.77 ng
 RT: 1.77 min Scan# 16
 Delta R.T. 0.03 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion: 88 Resp: 49966
 Ion Ratio Lower Upper
 88 100
 58 69.6 49.8 74.8
 43 59.0 20.1 30.1#





#3

Pyridine

Concen: 44.92 ng

RT: 2.32 min Scan# 64

Delta R.T. 0.01 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMS

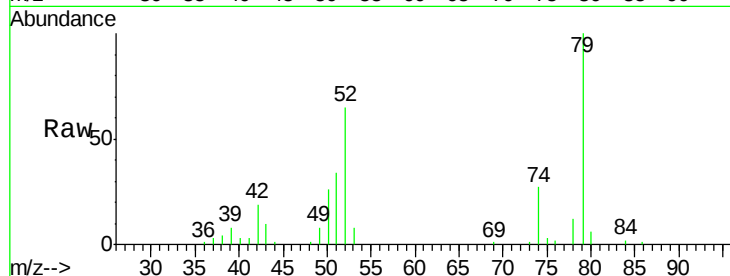
Tgt Ion: 79 Resp: 129852

Ion Ratio Lower Upper

79 100

52 65.2 51.0 76.4

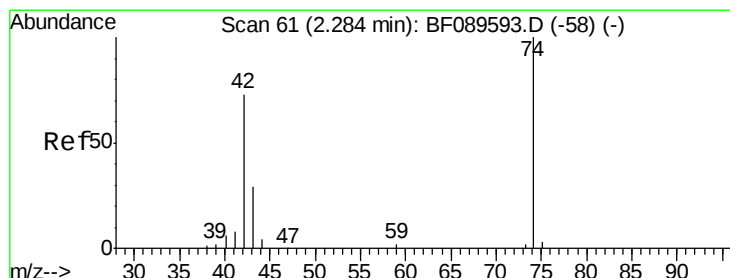
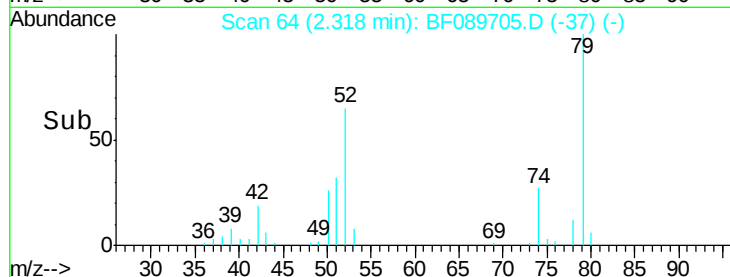
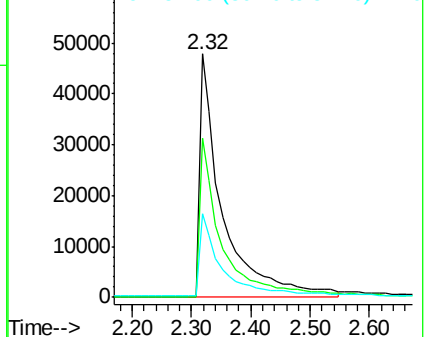
51 34.2 27.9 41.9



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: 43.02 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.02 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

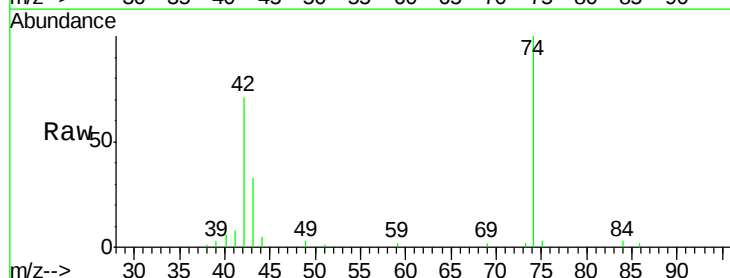
Tgt Ion: 42 Resp: 53401

Ion Ratio Lower Upper

42 100

74 140.3 110.0 165.0

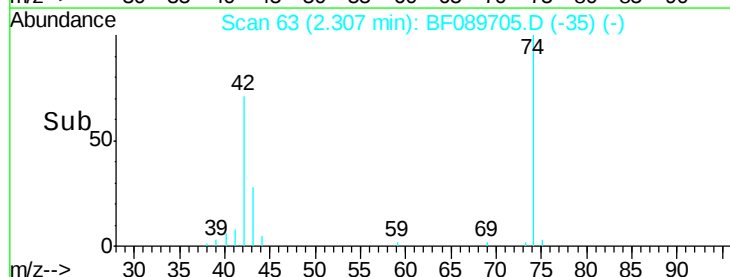
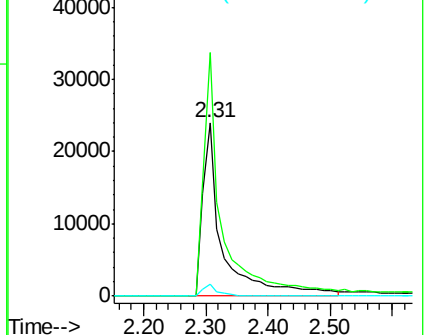
44 6.7 4.8 7.2

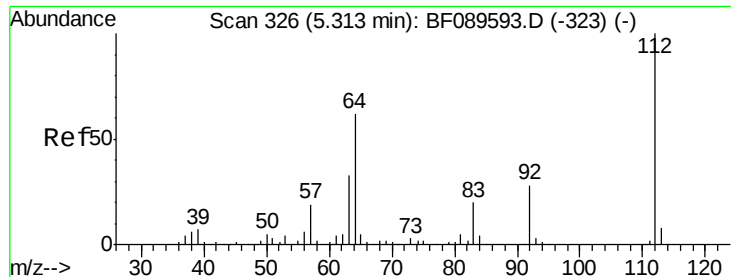


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.86 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF089705.D

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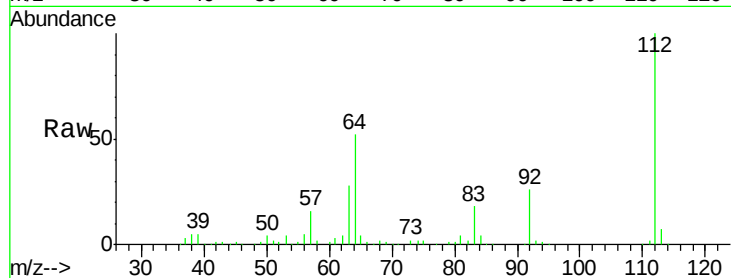
Tgt Ion: 112 Resp: 342604

Ion Ratio Lower Upper

112 100

64 52.4 49.9 74.9

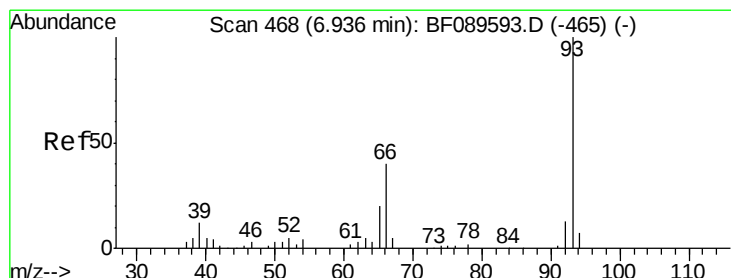
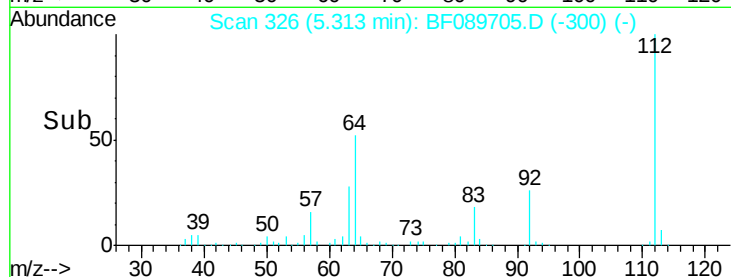
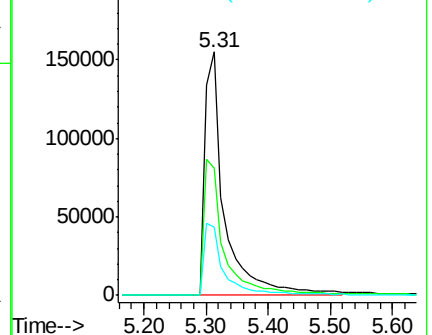
63 27.8 26.1 39.1



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: 26.53 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.03 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

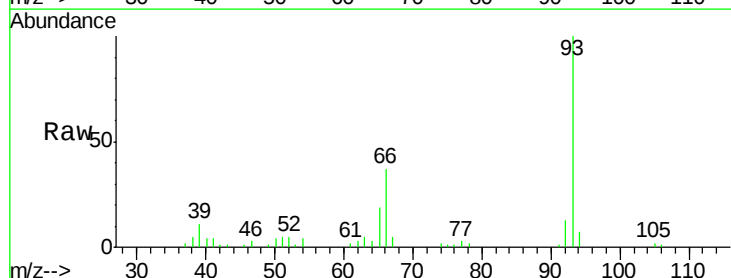
Tgt Ion: 93 Resp: 127951

Ion Ratio Lower Upper

93 100

66 37.1 32.2 48.2

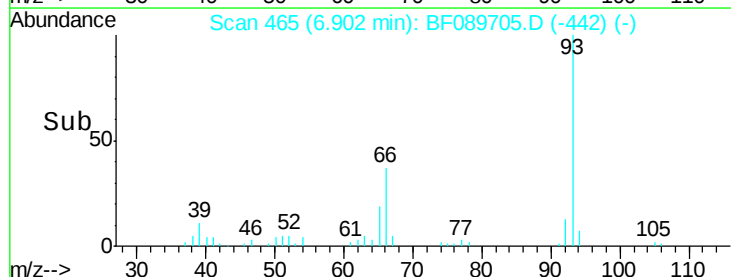
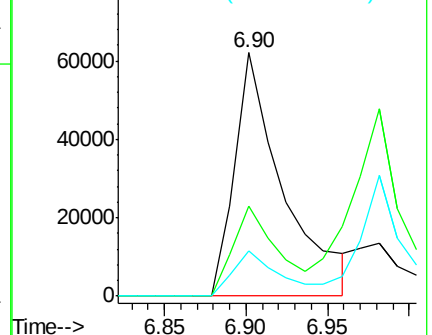
65 18.7 15.8 23.8



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: 133.83 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

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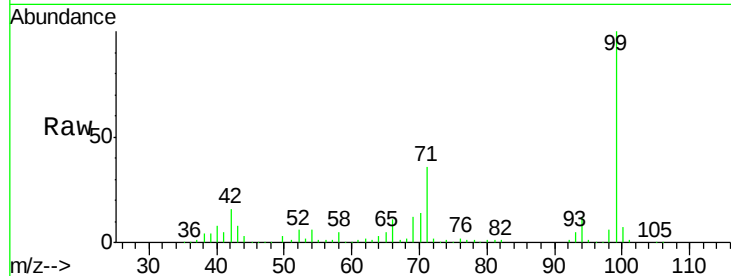
Tgt Ion: 99 Resp: 498143

Ion Ratio Lower Upper

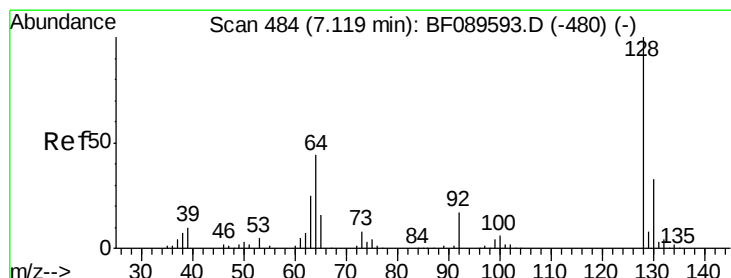
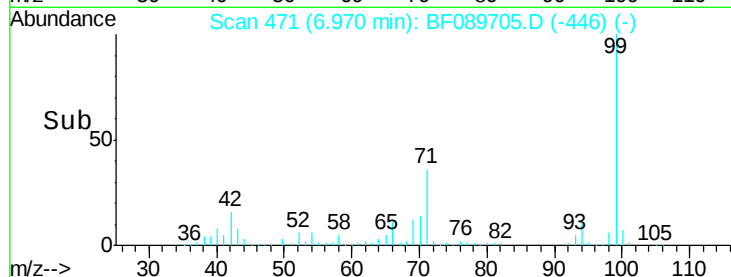
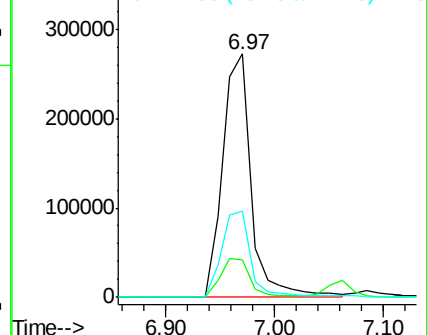
99 100

42 15.6 13.7 20.5

71 35.6 29.0 43.4



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: 44.29 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

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Acq: 10 Aug 2016 20:10

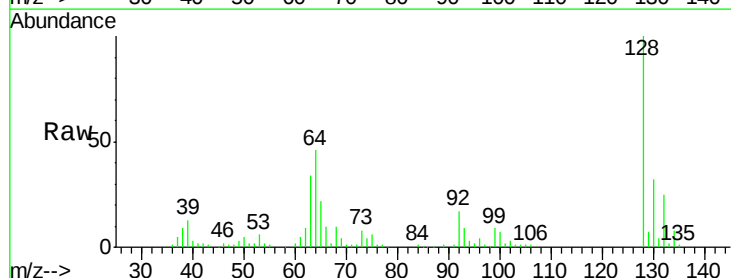
Tgt Ion: 128 Resp: 149213

Ion Ratio Lower Upper

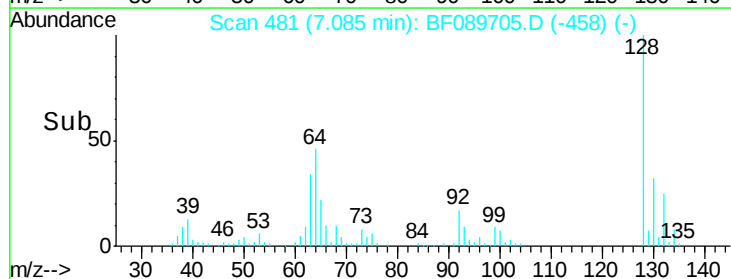
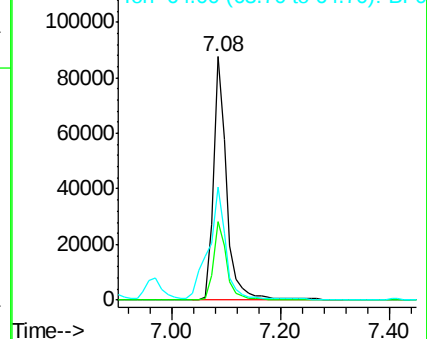
128 100

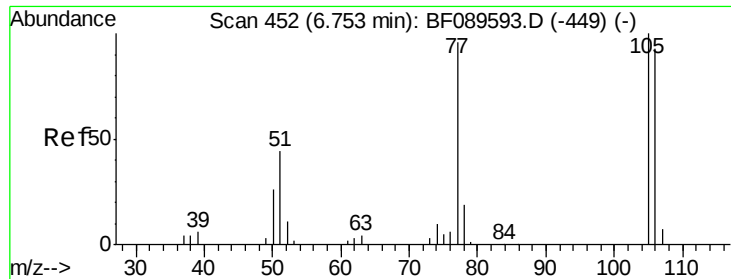
130 32.1 12.6 52.6

64 46.4 25.3 65.3



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

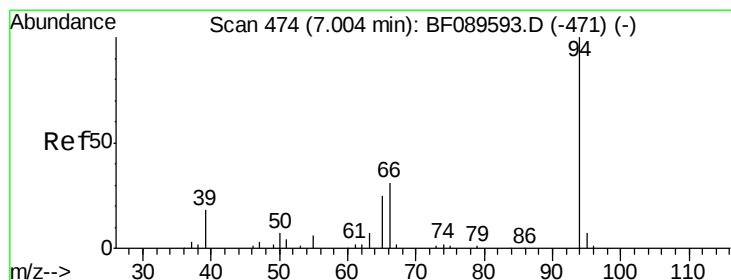
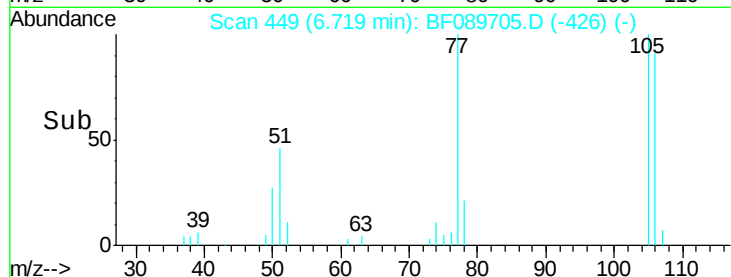
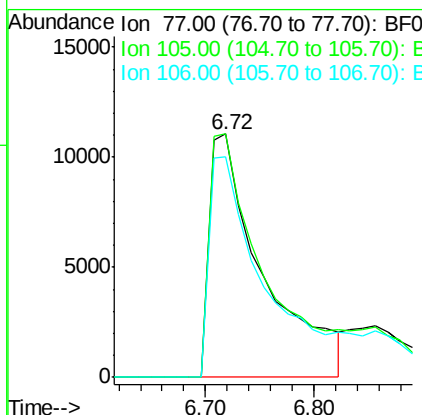
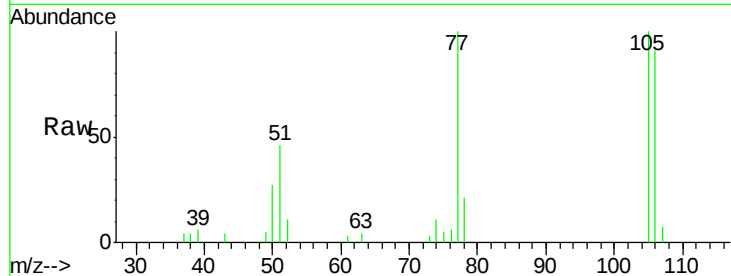




#9
Benzaldehyde
Concen: 28.24 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.03 min
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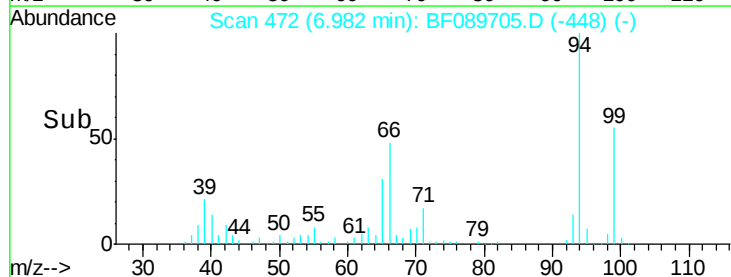
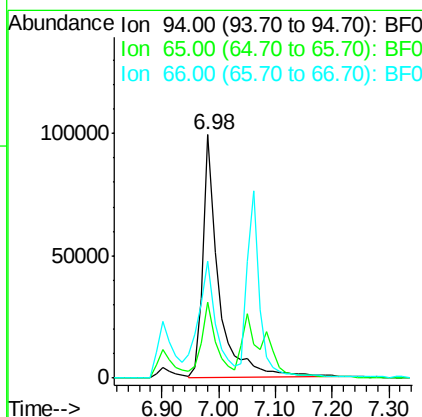
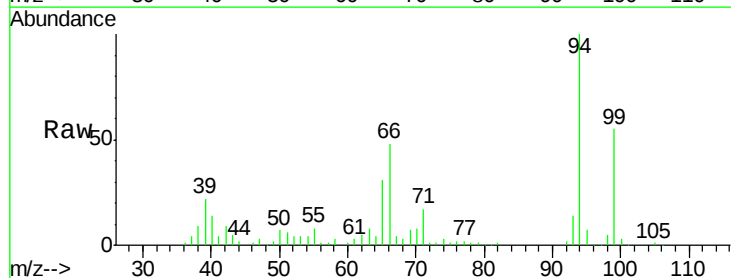
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ClientSampleId :
42-A-TCL-SEMI-PEST-TALMS

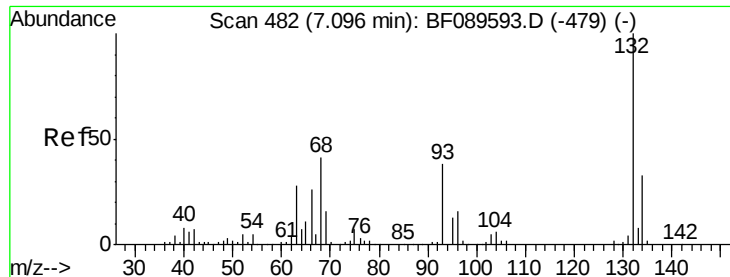
Tgt Ion: 77 Resp: 38135
Ion Ratio Lower Upper
77 100
105 100.1 84.7 124.7
106 90.6 77.1 117.1



#10
Phenol
Concen: 48.17 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Tgt Ion: 94 Resp: 184064
Ion Ratio Lower Upper
94 100
65 30.9 11.0 51.0
66 47.9 27.4 67.4

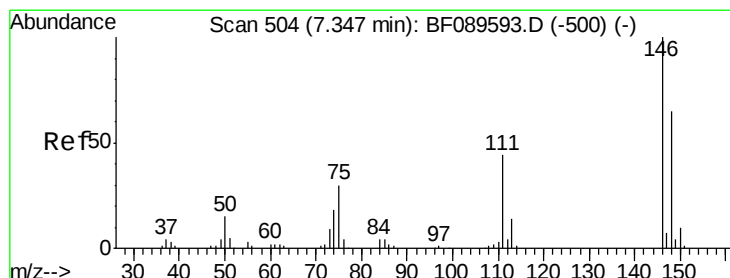
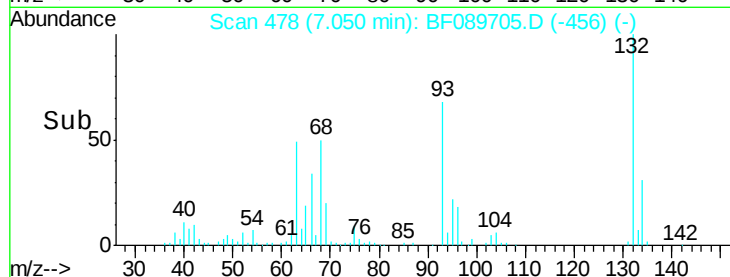
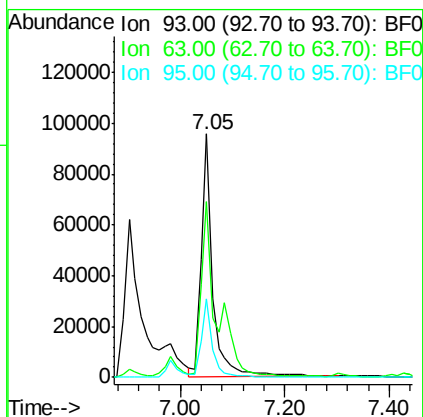
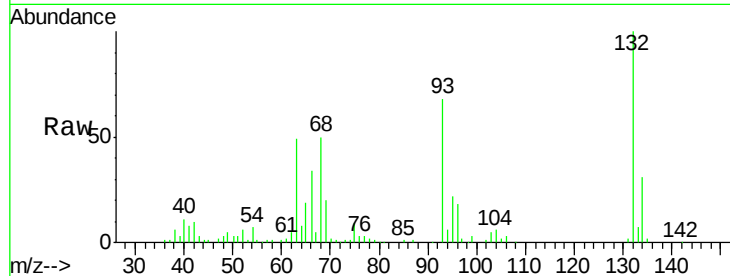




#11
 bis(2-Chloroethyl)ether
 Concen: 44.75 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.04 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

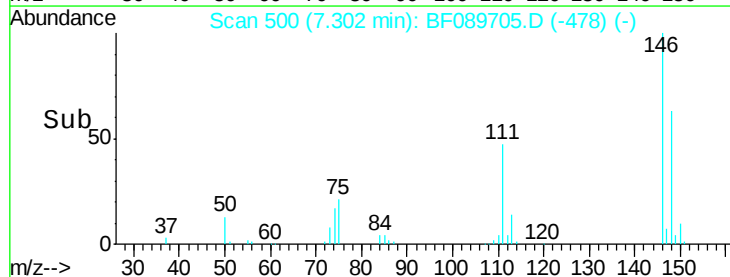
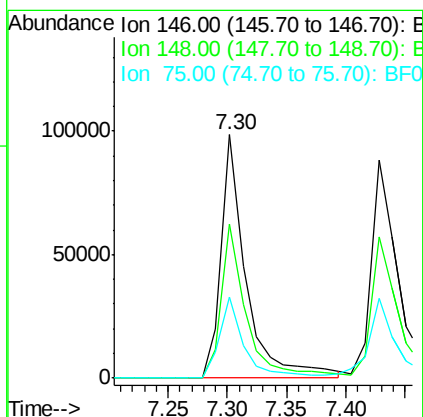
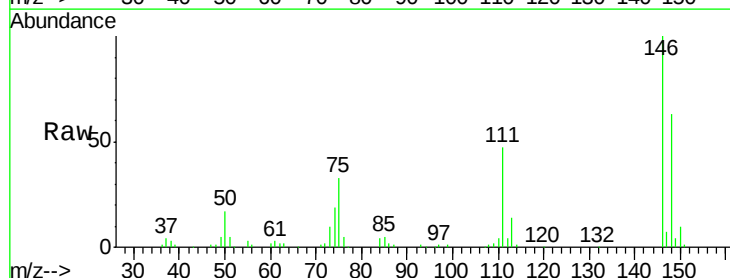
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

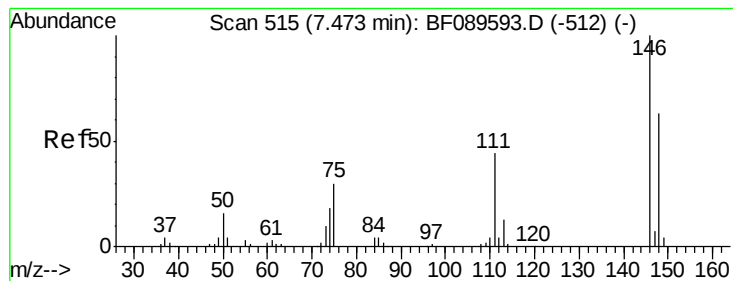
Tgt Ion: 93 Resp: 146915
 Ion Ratio Lower Upper
 93 100
 63 72.3 52.2 92.2
 95 32.2 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 39.23 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.05 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion: 146 Resp: 143529
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.1 78.1
 75 33.1 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 39.88 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMS

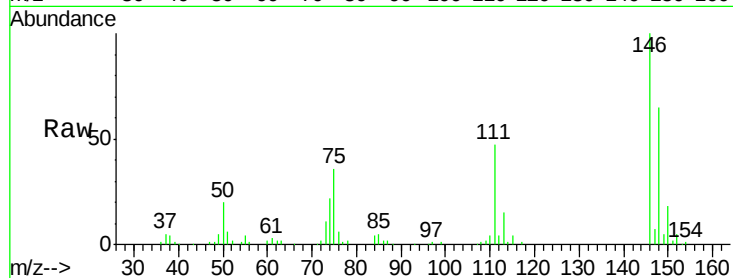
Tgt Ion:146 Resp: 145537

Ion Ratio Lower Upper

146 100

148 64.7 50.4 75.6

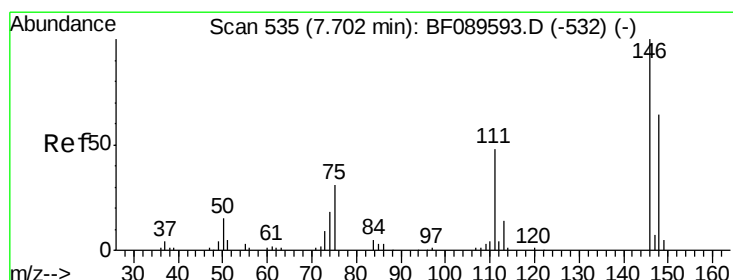
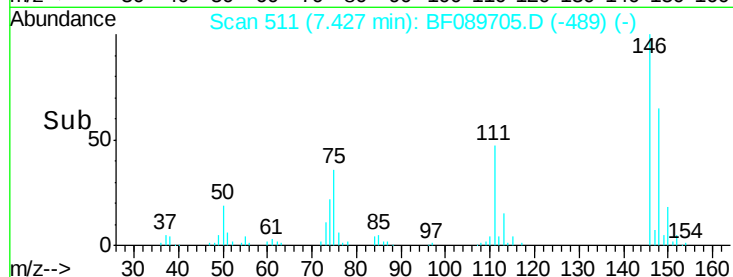
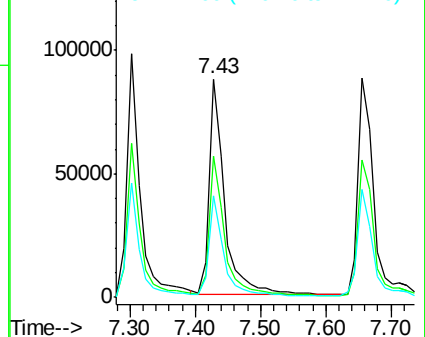
111 46.6 35.0 52.4



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: 38.94 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

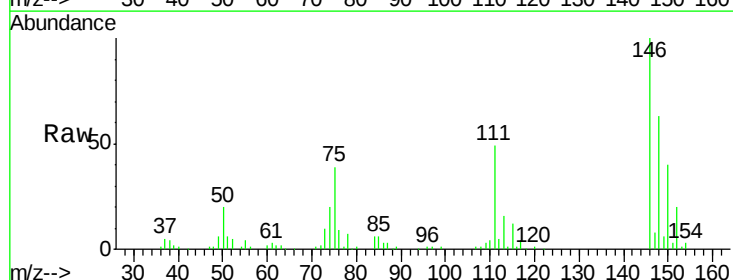
Tgt Ion:146 Resp: 149764

Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.6

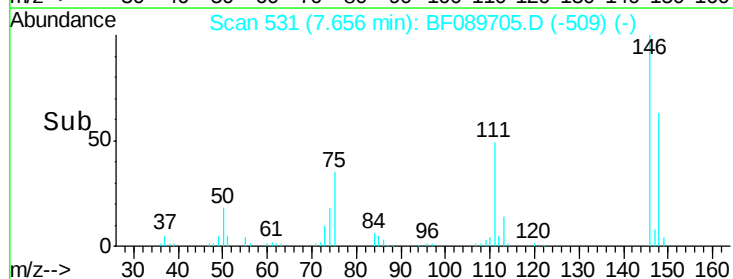
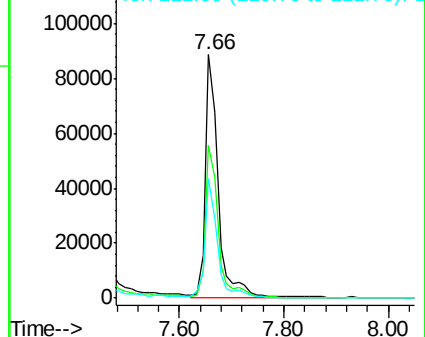
111 49.0 38.5 57.7

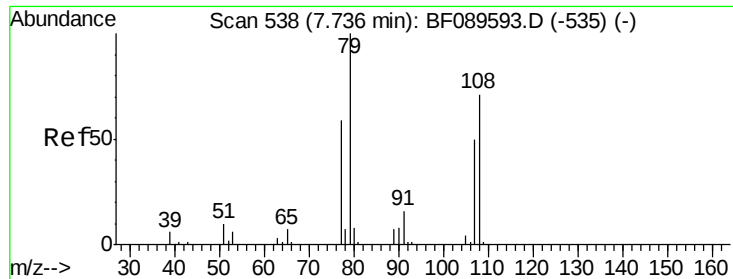


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

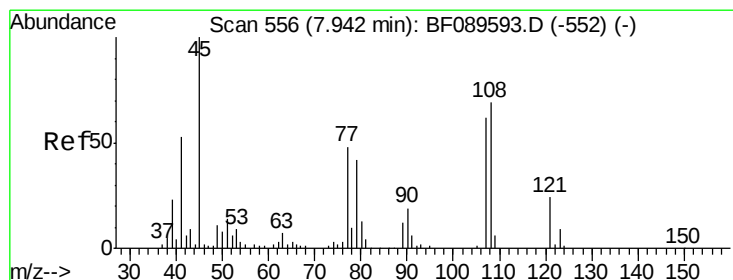
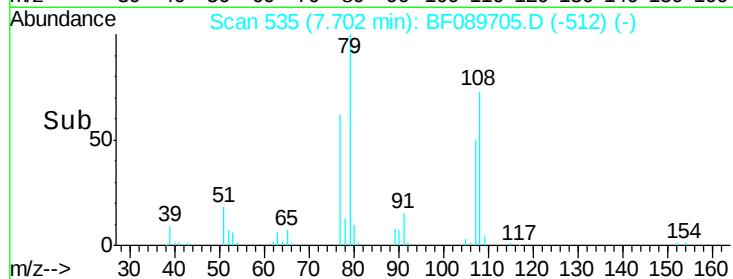
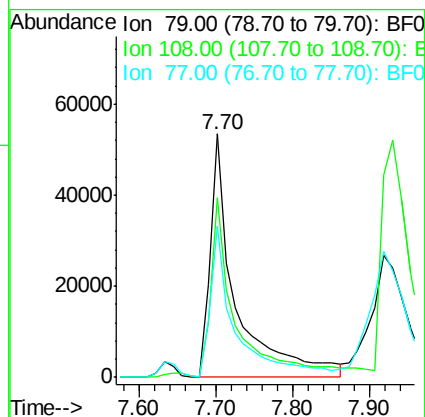
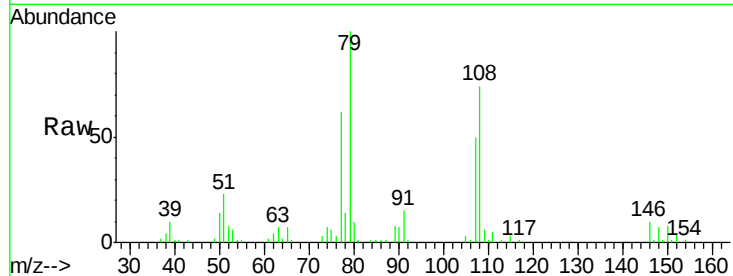




#15
Benzyl Alcohol
Concen: 50.10 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

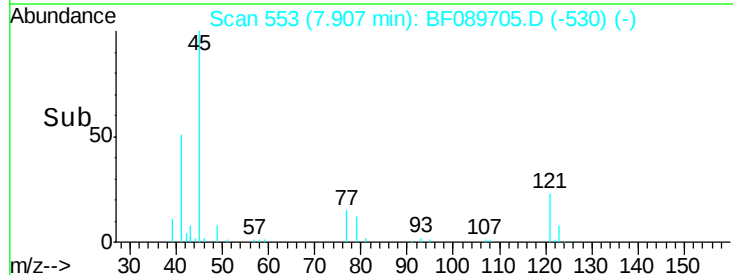
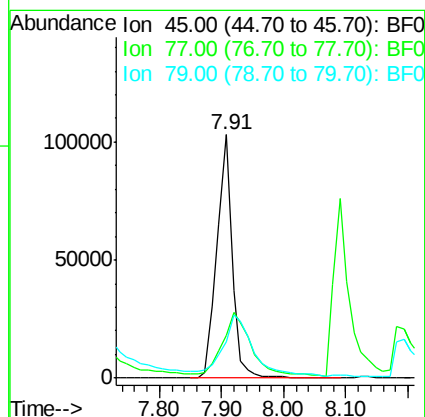
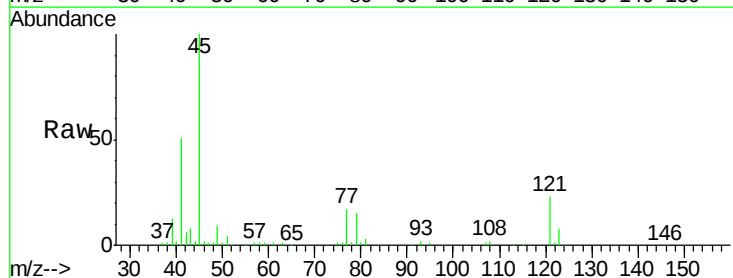
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMS

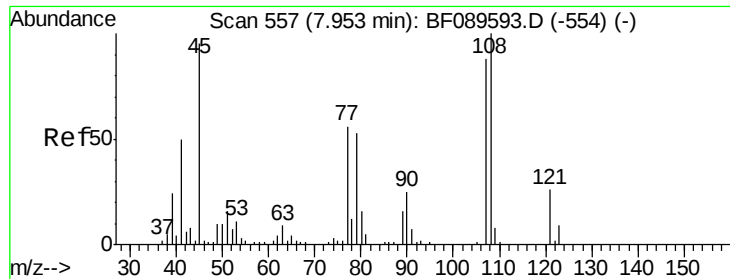
Tgt Ion: 79 Resp: 122284
Ion Ratio Lower Upper
79 100
108 73.8 58.3 87.5
77 62.3 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.89 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.03 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Tgt Ion: 45 Resp: 175137
Ion Ratio Lower Upper
45 100
77 17.5 30.1 70.1#
79 14.8 25.5 65.5#

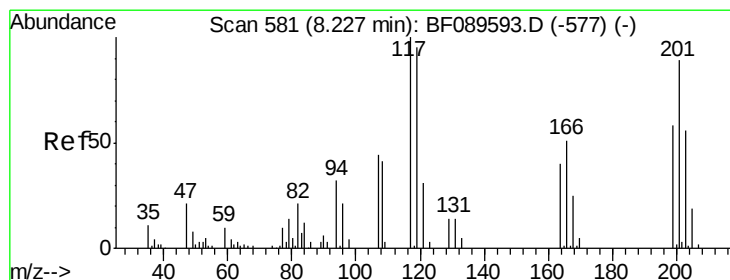
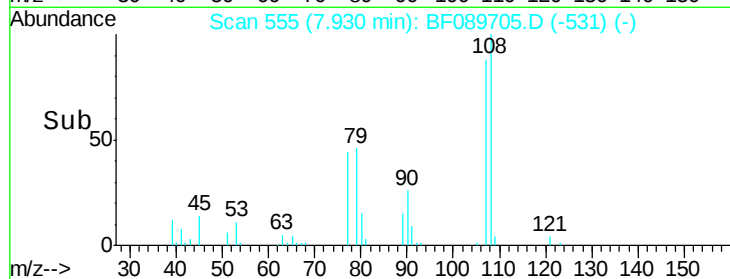
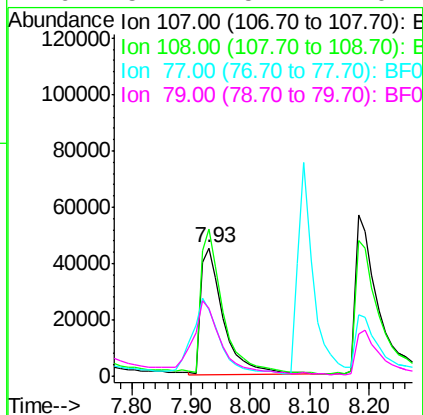
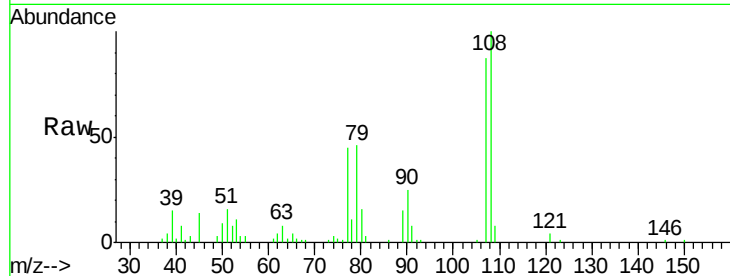




#17
2-Methylphenol
Concen: 50.52 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

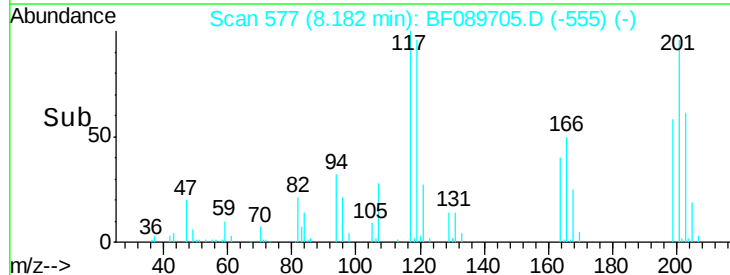
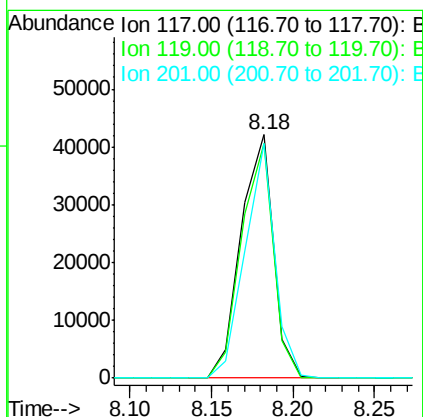
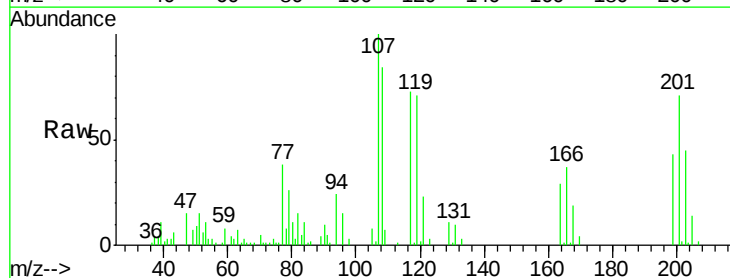
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMS

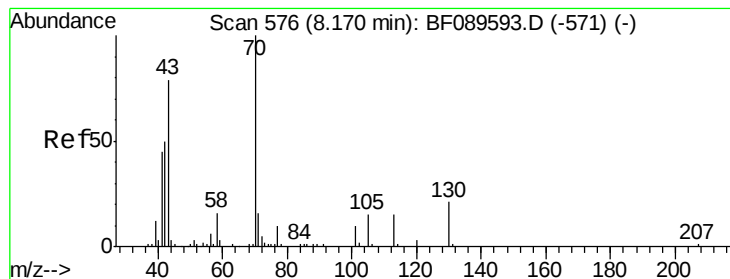
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.2	136.8
77	51.5	54.6	82.0#
79	52.7	52.7	79.1#



#18
Hexachloroethane
Concen: 37.75 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.05 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.7	113.5
201	96.2	71.6	107.4





#19

n-Nitroso-di-n-propylamine

Concen: 44.11 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.03 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMS

Tgt Ion: 70 Resp: 118604

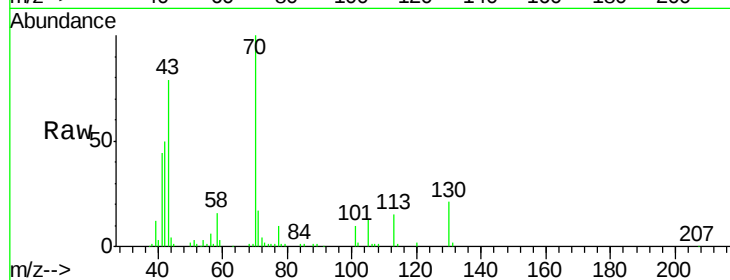
Ion Ratio Lower Upper

70 100

42 50.4 40.2 60.2

101 10.3 7.8 11.6

130 21.0 16.4 24.6

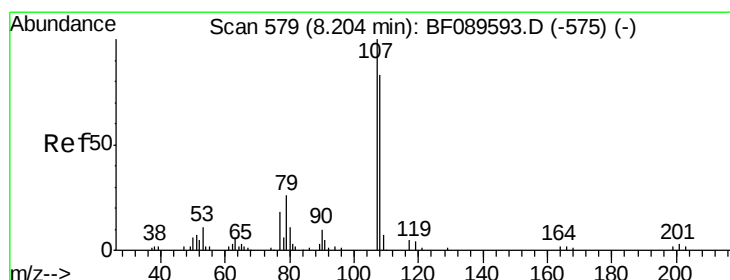
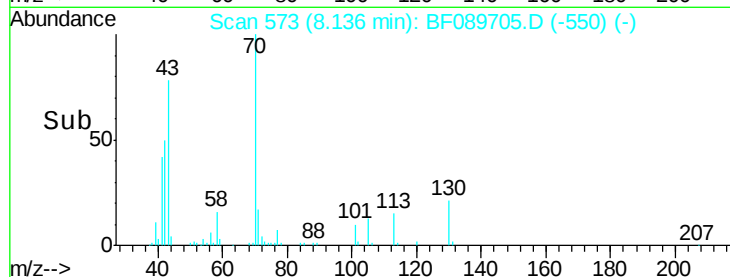
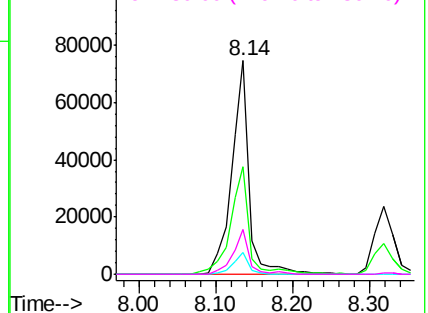


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 49.34 ng

RT: 8.18 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Tgt Ion: 107 Resp: 151527

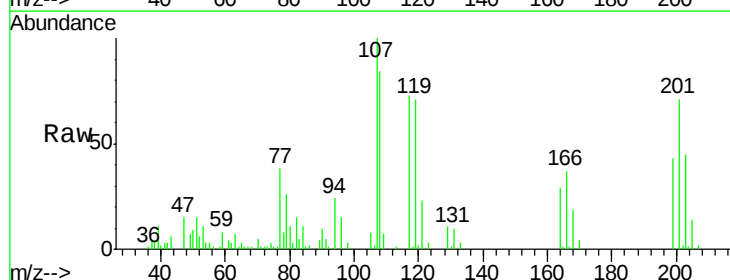
Ion Ratio Lower Upper

107 100

108 84.3 63.8 103.8

77 38.3 19.5 59.5

79 26.5 7.1 47.1

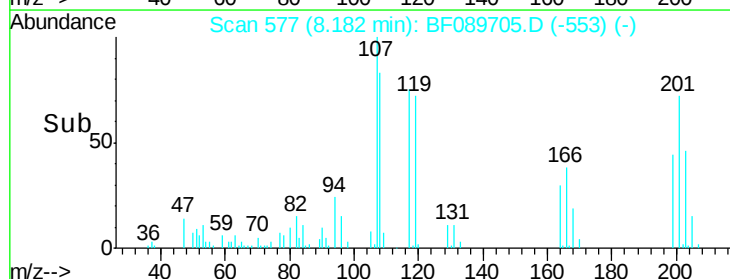
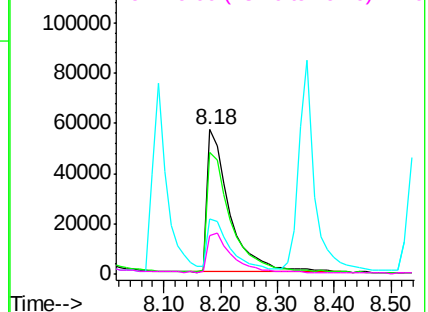


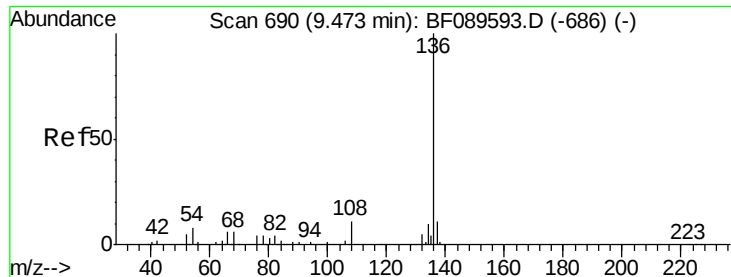
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMS

Tgt Ion:136 Resp: 202964

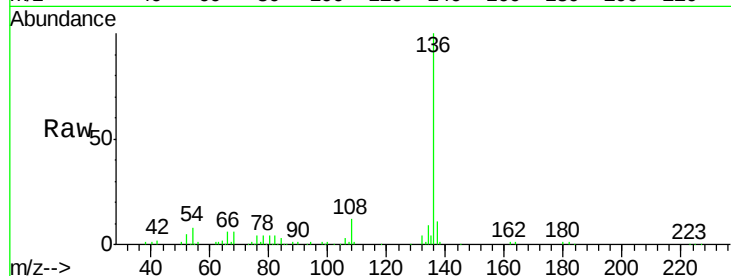
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 8.2 6.0 9.0

68 5.9 4.6 6.8

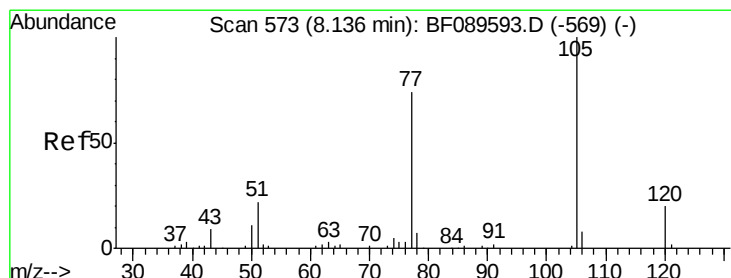
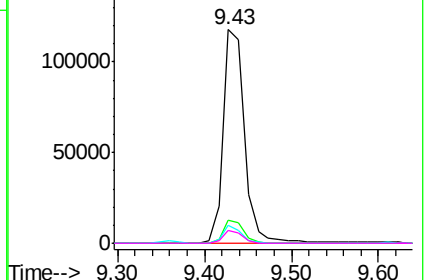
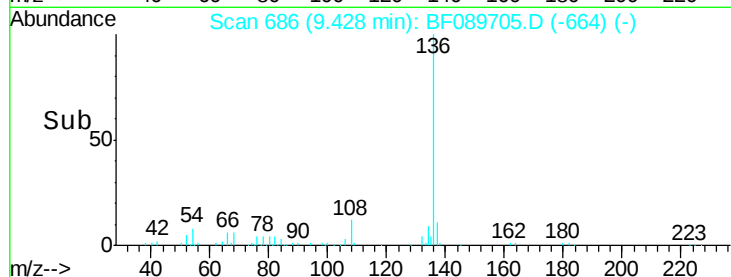


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.13 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Tgt Ion:105 Resp: 179654

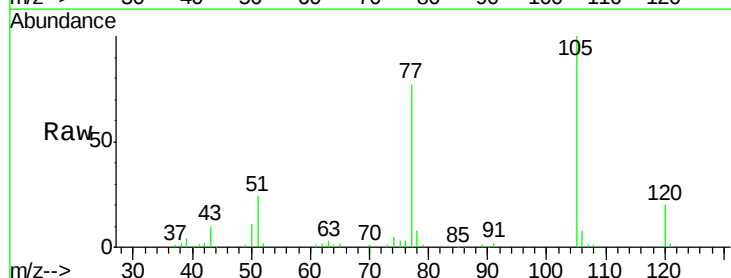
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 24.0 18.2 27.2

120 19.5 15.7 23.5

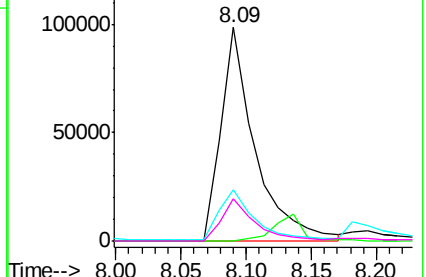
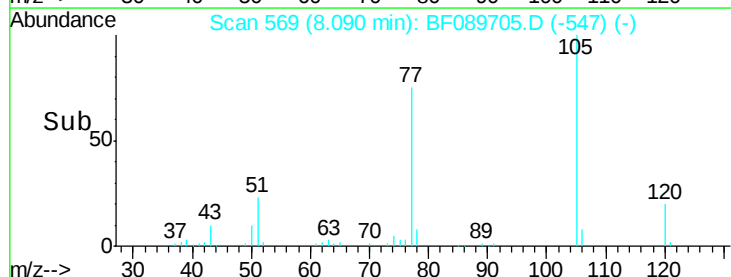


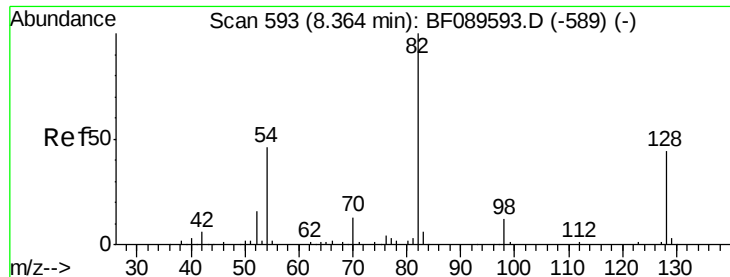
Abundance Ion 105.00 (104.70 to 105.70): E

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

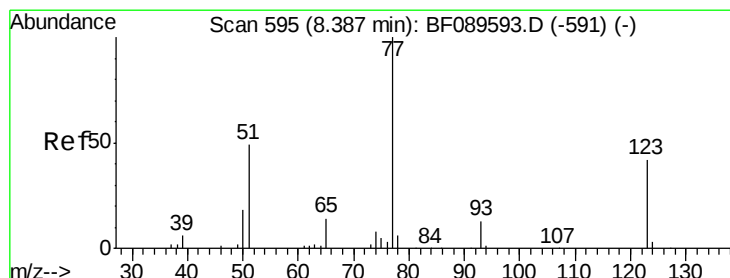
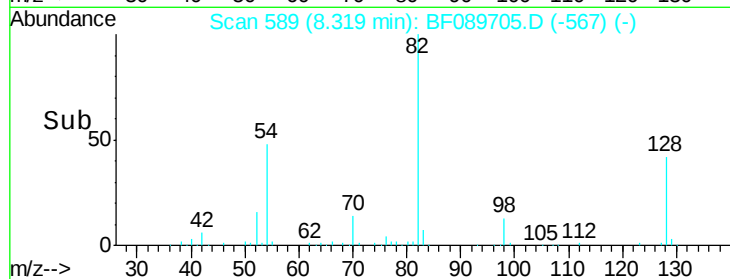
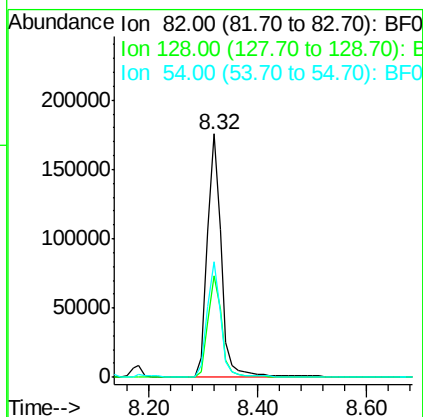
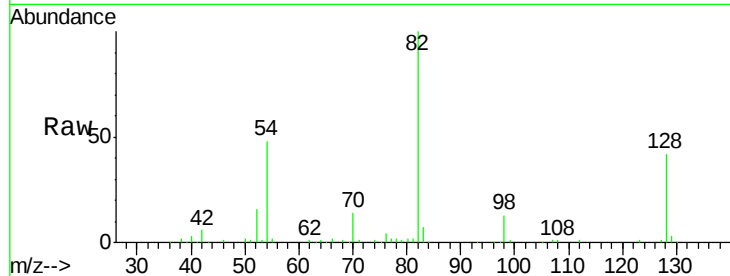




#23
Nitrobenzene-d5
Concen: 86.36 ng
RT: 8.32 min Scan# 589
Delta R.T. -0.05 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

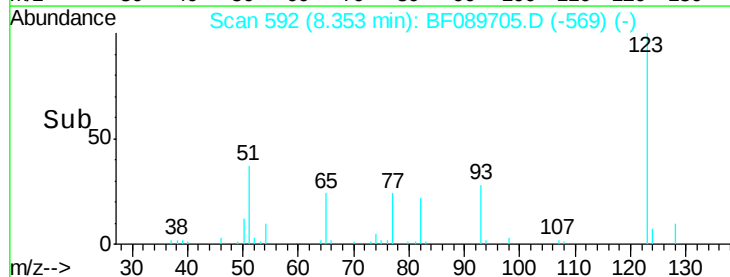
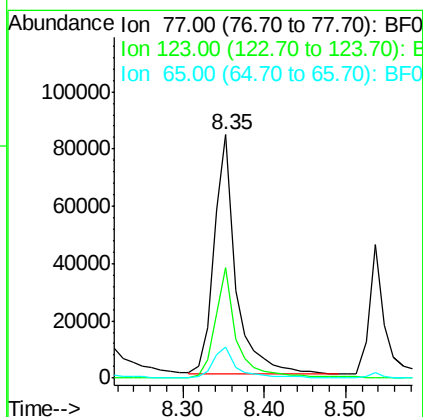
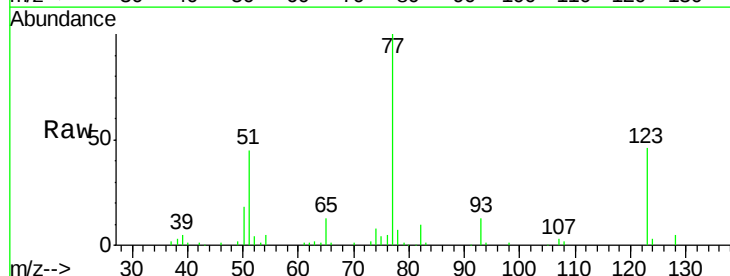
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMS

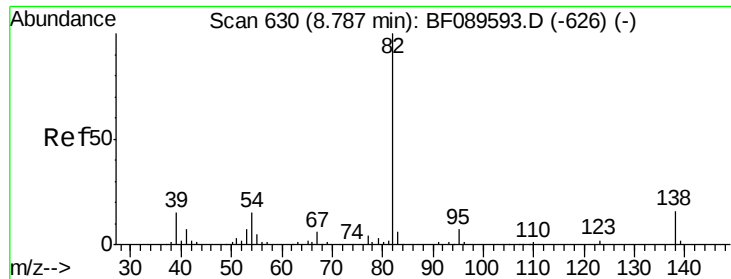
Tgt Ion: 82 Resp: 316895
Ion Ratio Lower Upper
82 100
128 41.6 35.4 53.0
54 47.6 36.4 54.6



#24
Nitrobenzene
Concen: 44.43 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.03 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Tgt Ion: 77 Resp: 154859
Ion Ratio Lower Upper
77 100
123 45.5 32.6 49.0
65 13.0 11.0 16.6





#25

Isophorone

Concen: 43.66 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMS

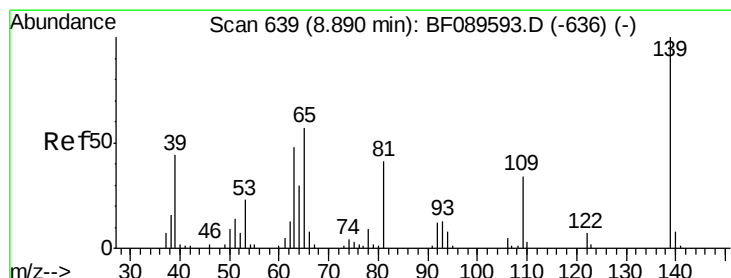
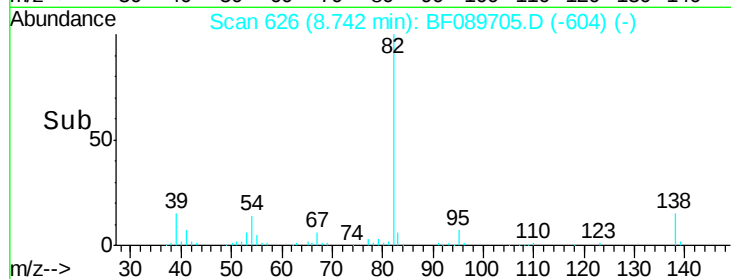
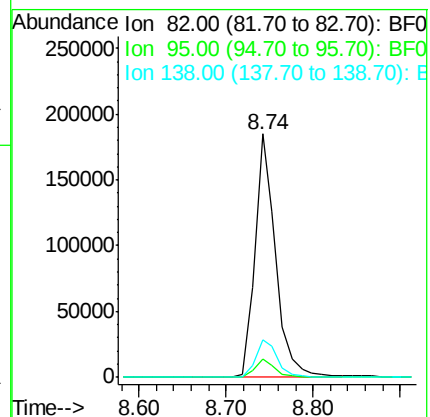
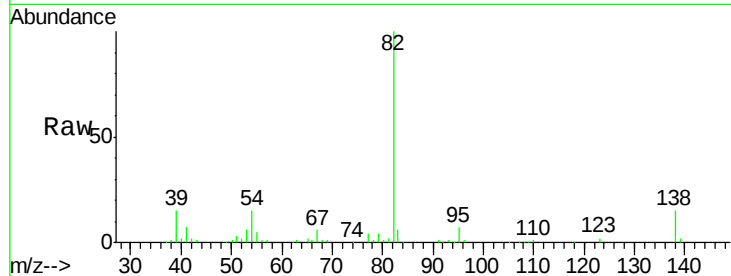
Tgt Ion: 82 Resp: 306761

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

138 15.4 12.6 18.8



#26

2-Nitrophenol

Concen: 41.53 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

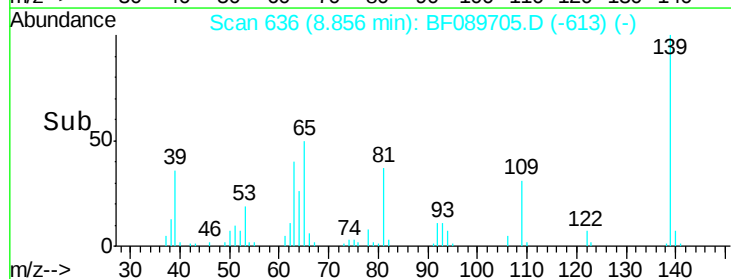
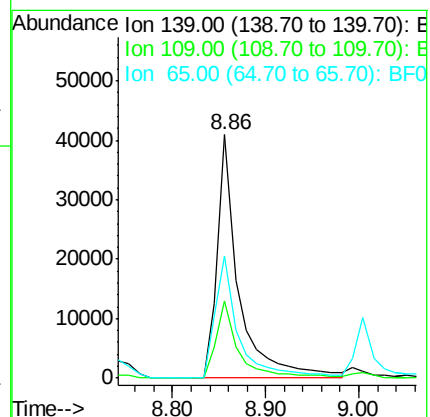
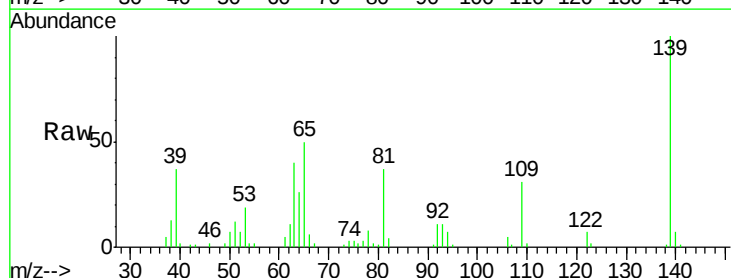
Tgt Ion: 139 Resp: 66425

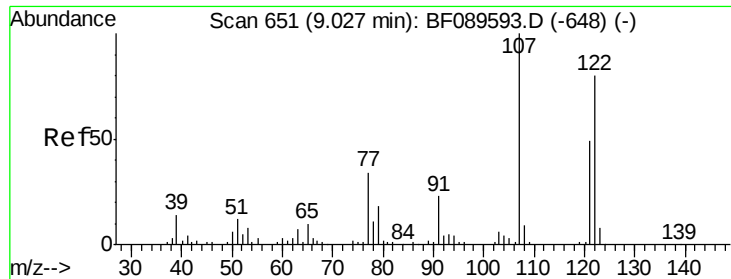
Ion Ratio Lower Upper

139 100

109 31.5 27.5 41.3

65 50.2 45.7 68.5

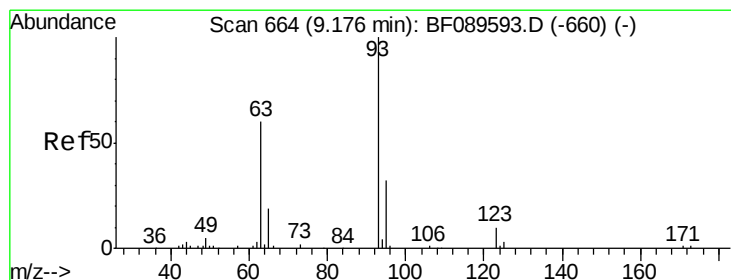
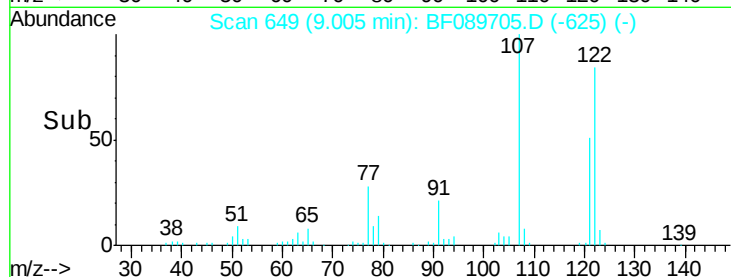
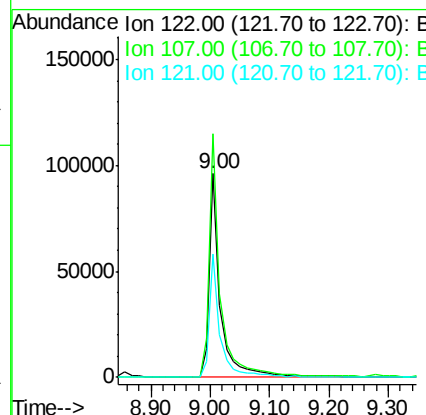
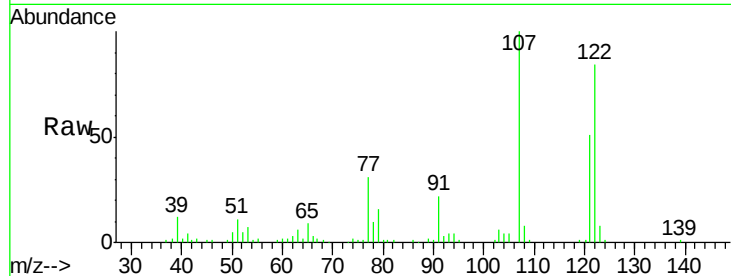




#27
 2,4-Dimethylphenol
 Concen: 45.27 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

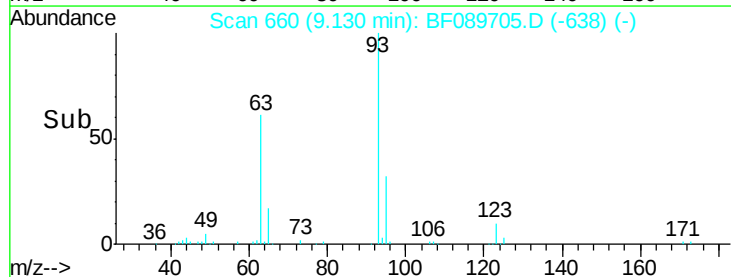
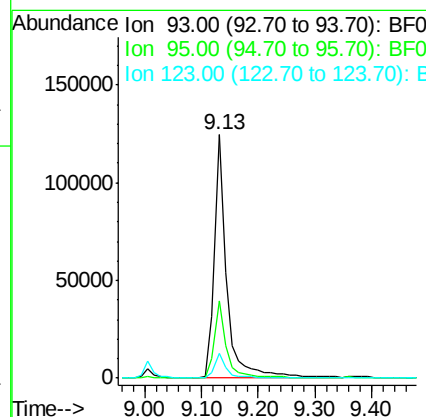
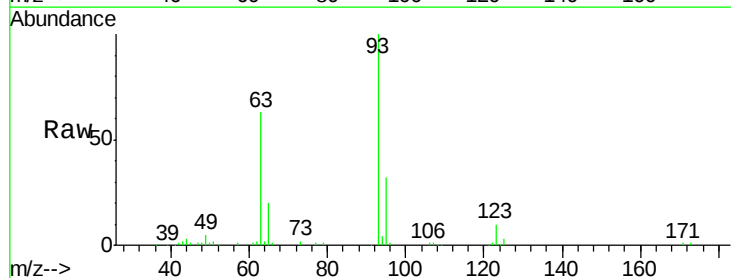
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

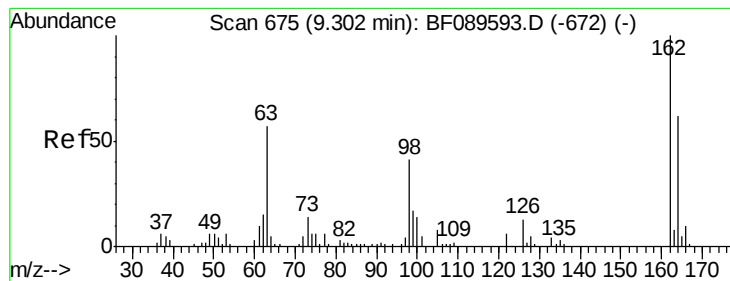
Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.5	99.5	149.3
121	60.4	48.5	72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.57 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.05 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.8	38.8
123	9.9	8.0	12.0





#29

2,4-Dichlorophenol

Concen: 41.73 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMS

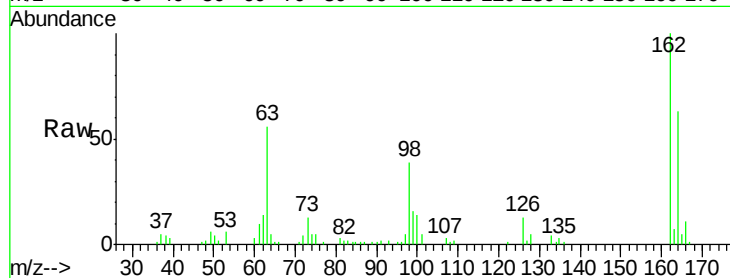
Tgt Ion:162 Resp: 113534

Ion Ratio Lower Upper

162 100

164 62.7 42.3 82.3

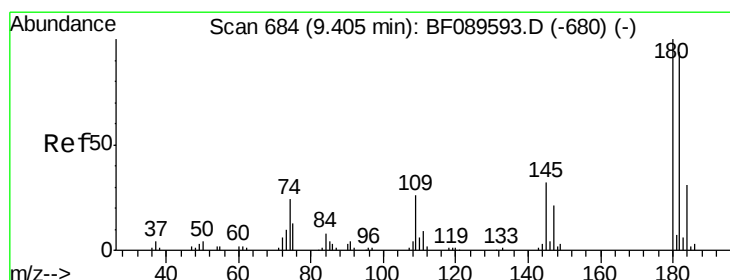
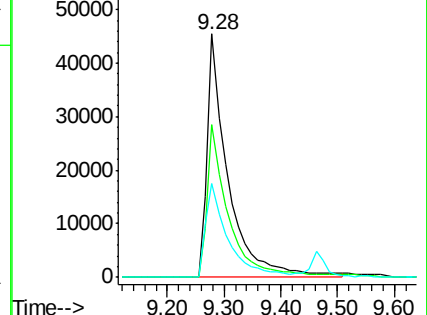
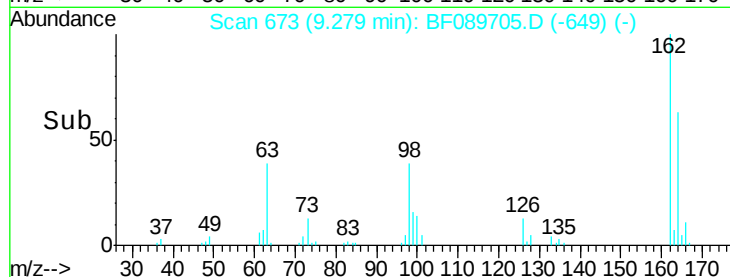
98 38.6 21.2 61.2



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: 40.54 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

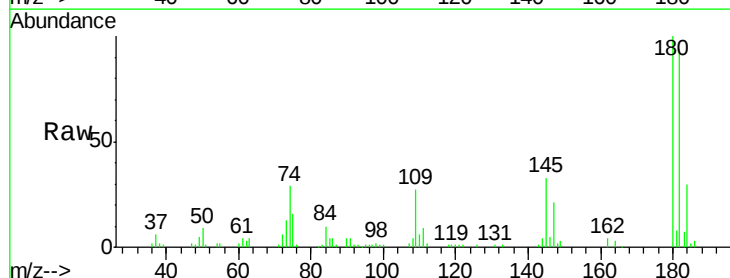
Tgt Ion:180 Resp: 125985

Ion Ratio Lower Upper

180 100

182 94.4 75.0 112.6

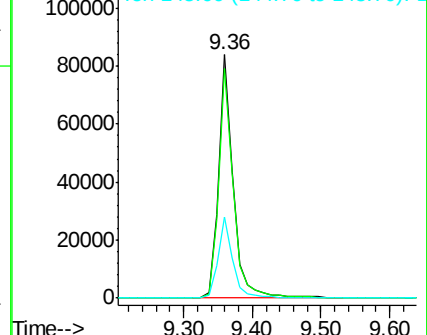
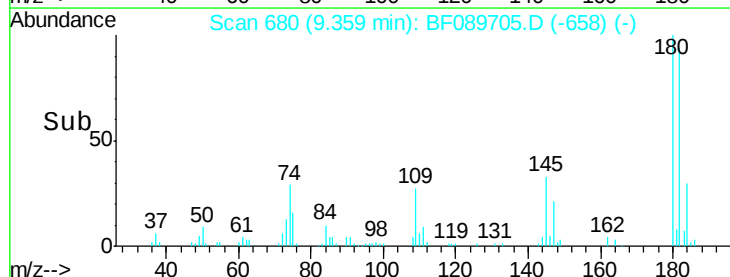
145 33.5 25.6 38.4

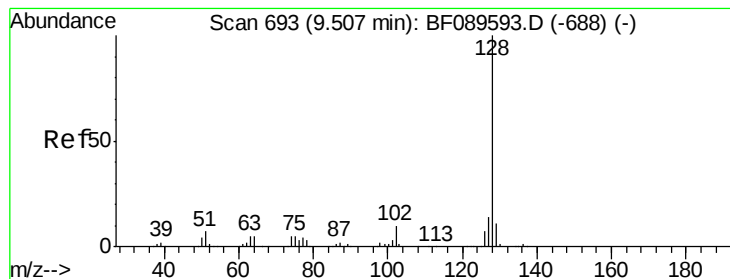


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.88 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMS

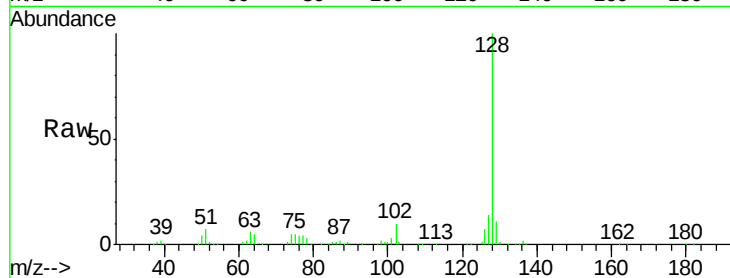
Tgt Ion:128 Resp: 430209

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

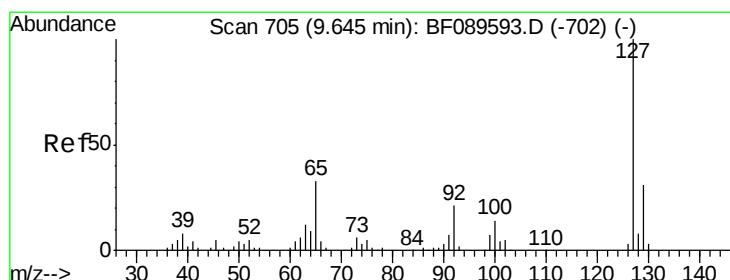
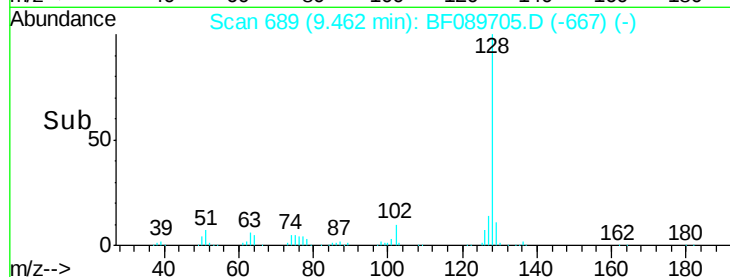
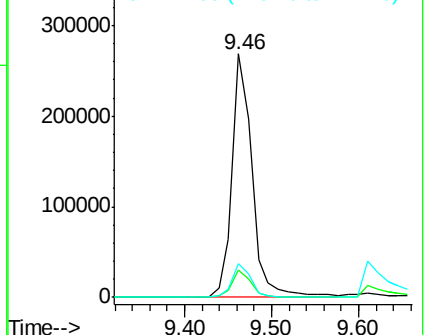
127 13.7 10.9 16.3



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



#33

4-Chloroaniline

Concen: 25.30 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Tgt Ion:127 Resp: 102518

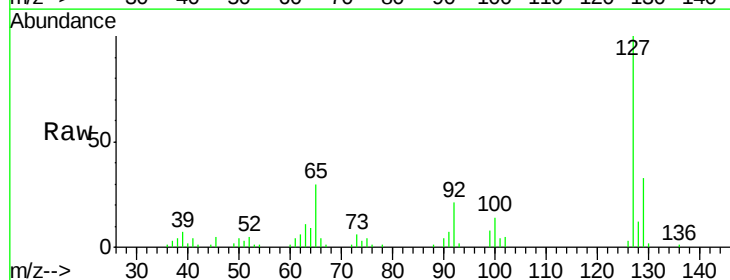
Ion Ratio Lower Upper

127 100

129 33.3 25.1 37.7

65 30.0 26.2 39.2

92 20.7 16.9 25.3

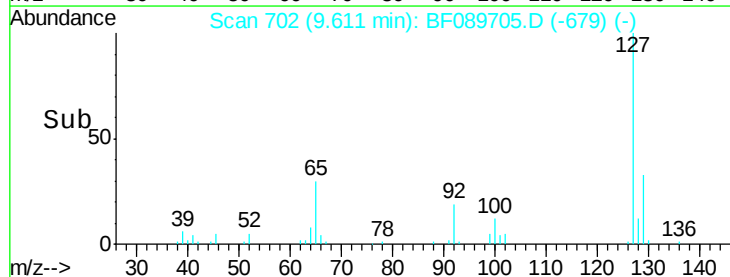
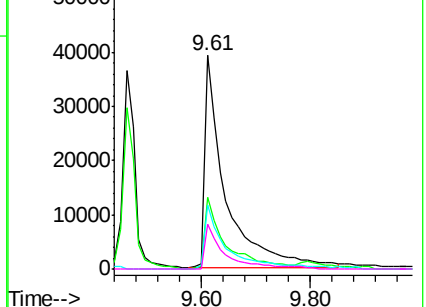


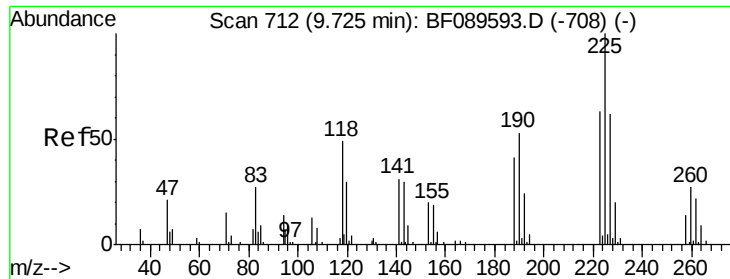
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

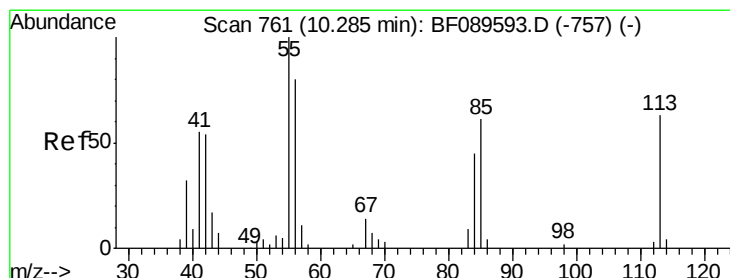
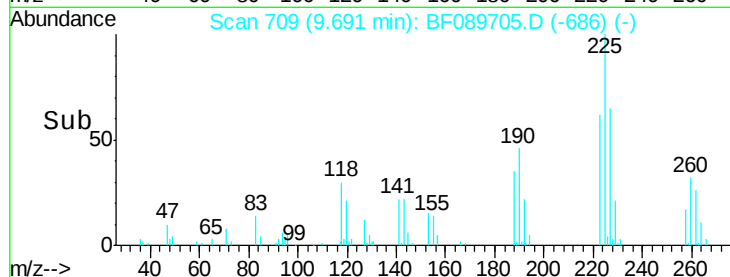
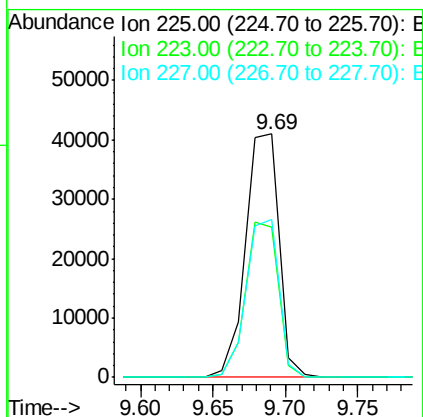
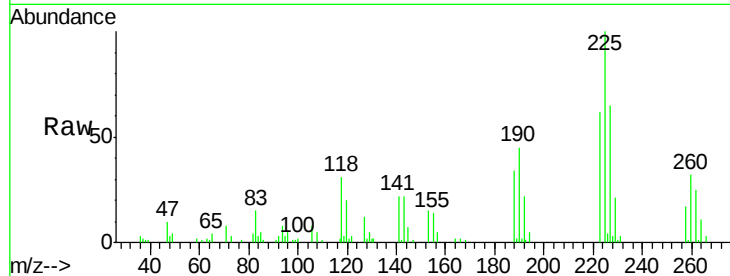




#34
Hexachlorobutadiene
Concen: 36.60 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.03 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

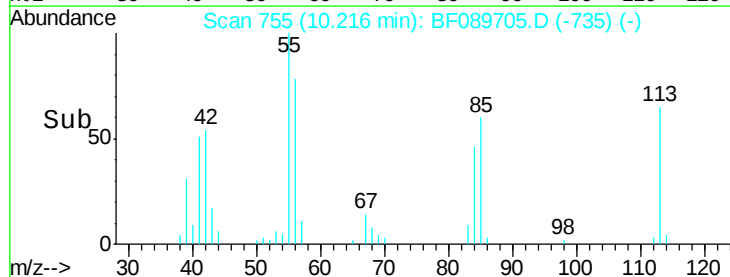
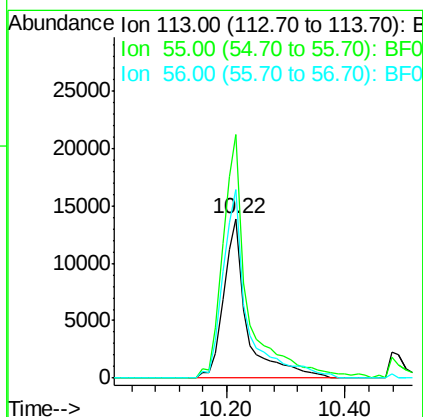
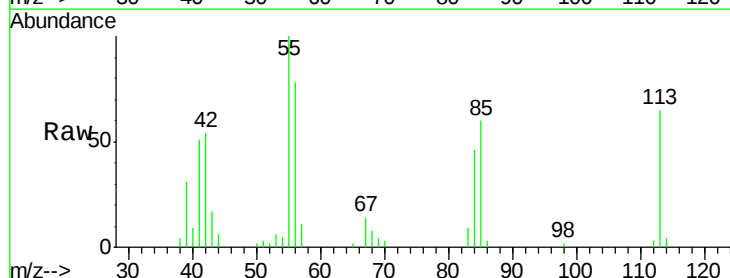
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMS

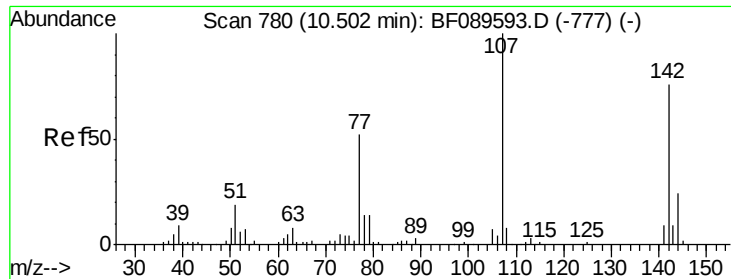
Tgt Ion: 225 Resp: 65500
Ion Ratio Lower Upper
225 100
223 61.7 50.7 76.1
227 65.1 49.4 74.0



#35
Caprolactam
Concen: 47.67 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.07 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Tgt Ion: 113 Resp: 37800
Ion Ratio Lower Upper
113 100
55 153.0 139.6 179.6
56 118.6 108.2 148.2

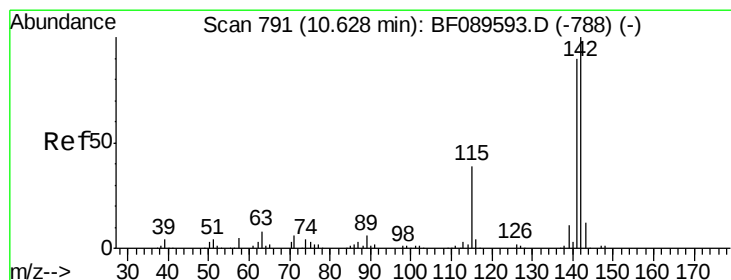
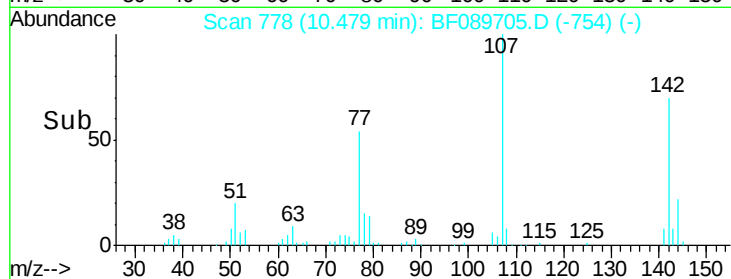
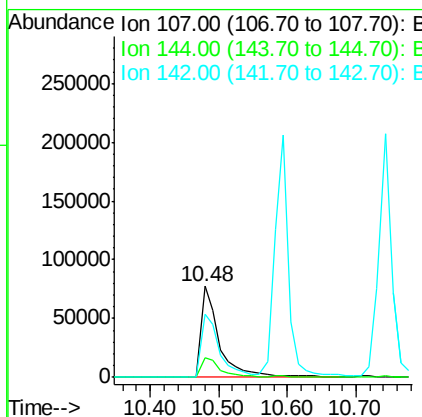
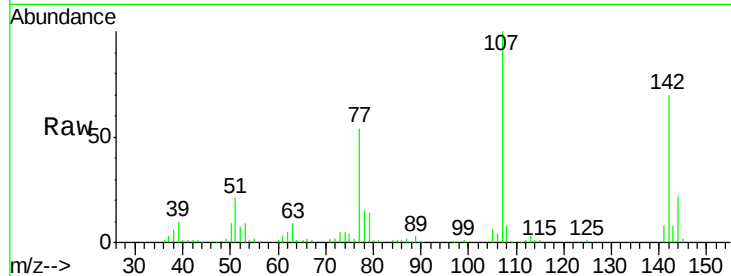




#36
 4-Chloro-3-methylphenol
 Concen: 44.96 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

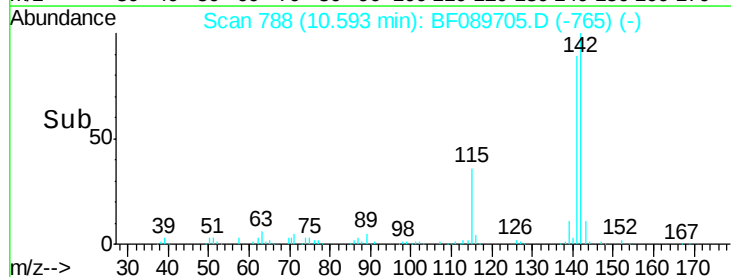
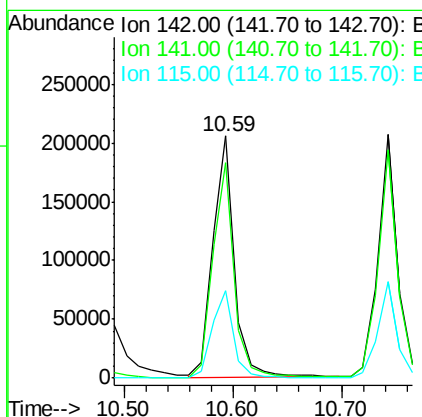
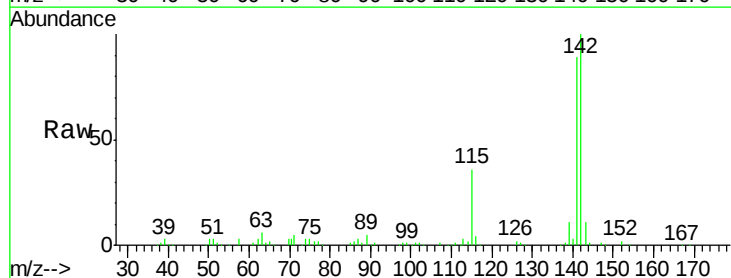
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

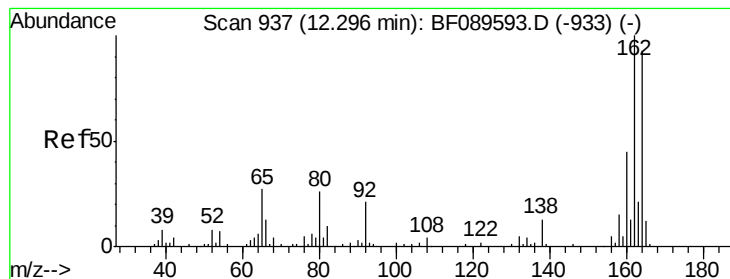
Tgt Ion:107 Resp: 142201
 Ion Ratio Lower Upper
 107 100
 144 22.1 18.9 28.3
 142 69.6 60.4 90.6



#37
 2-Methylnaphthalene
 Concen: 42.63 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion:142 Resp: 282831
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.8 107.6
 115 36.3 31.0 46.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMS

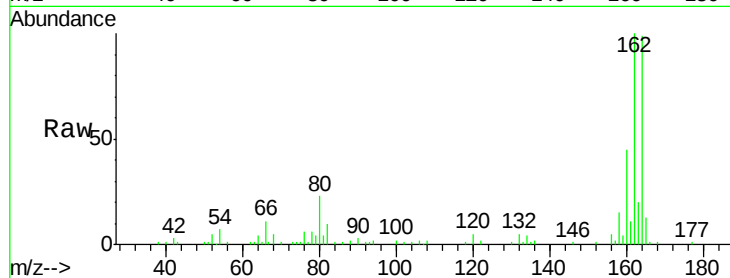
Tgt Ion:164 Resp: 96940

Ion Ratio Lower Upper

164 100

162 101.4 85.7 128.5

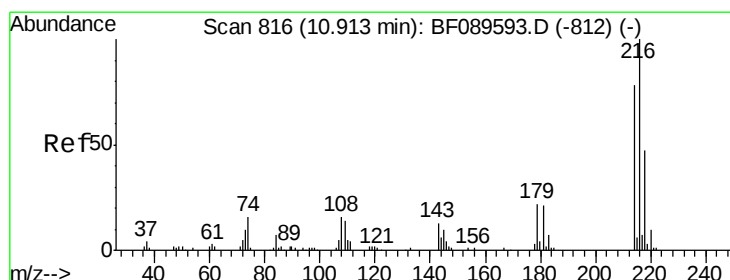
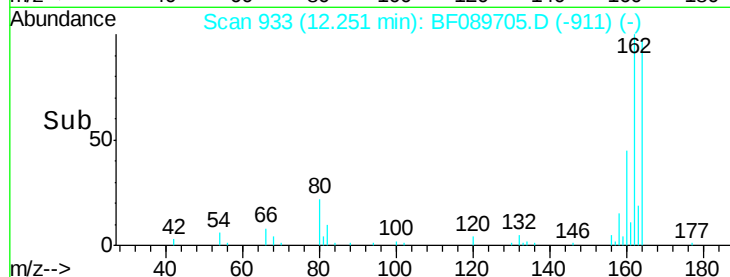
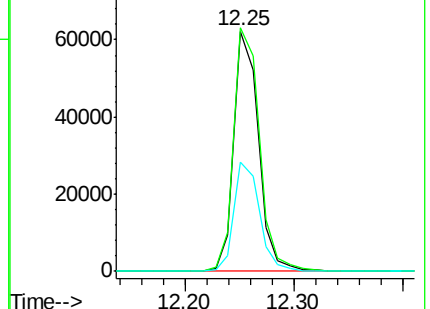
160 45.7 38.2 57.4



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: 29.86 ng

RT: 10.87 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Tgt Ion:216 Resp: 108812

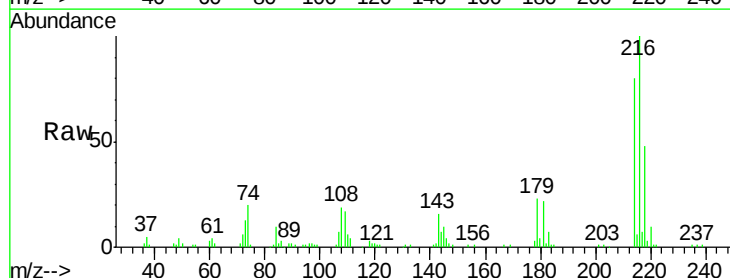
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 22.3 17.8 26.8

108 22.3 16.3 24.5

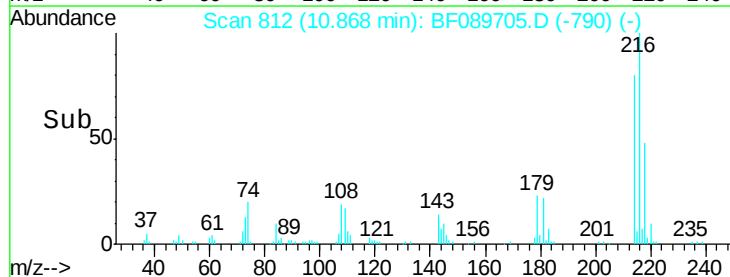
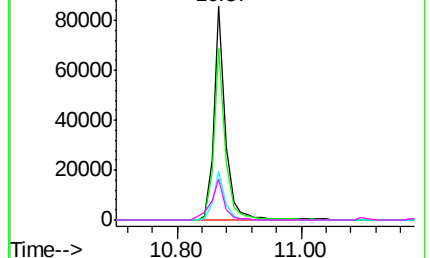


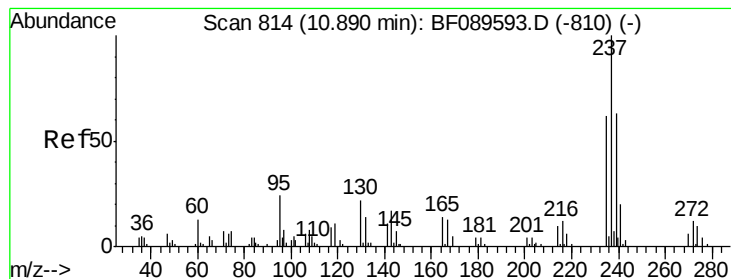
Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.84 ng

RT: 10.84 min Scan# 810

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMS

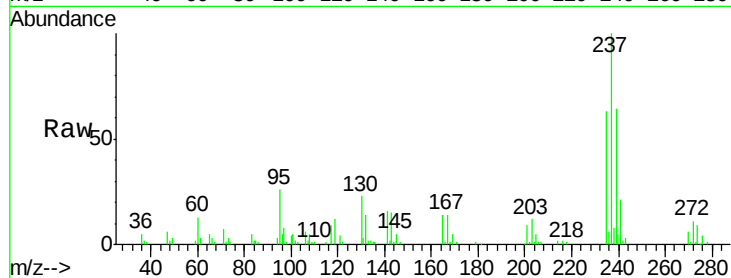
Tgt Ion:237 Resp: 77896

Ion Ratio Lower Upper

237 100

235 63.2 41.9 81.9

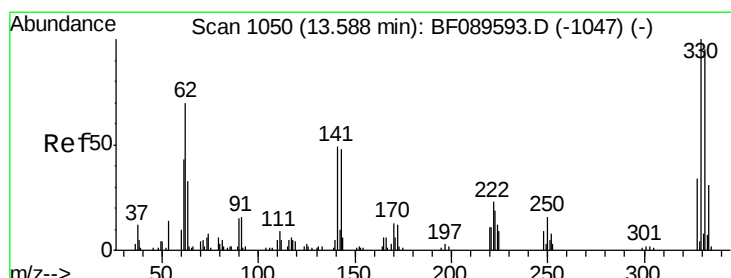
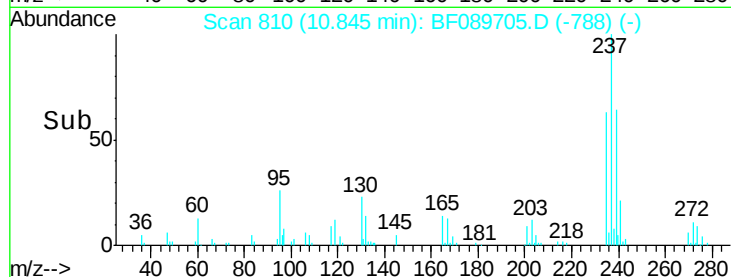
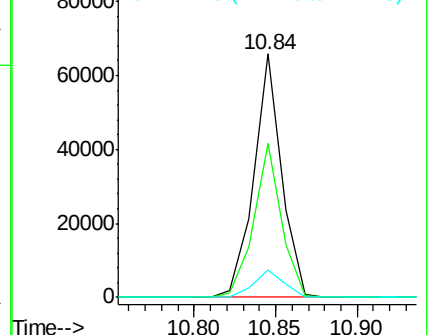
272 11.4 0.0 32.4



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: 116.36 ng

RT: 13.55 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

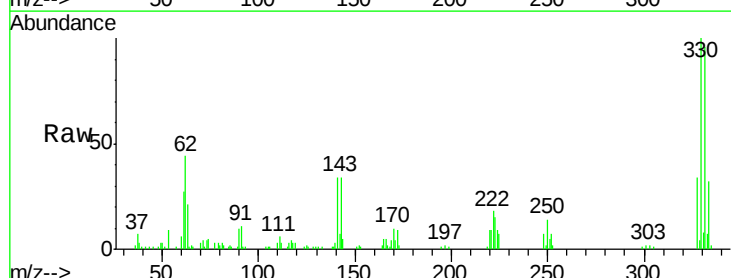
Tgt Ion:330 Resp: 93083

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

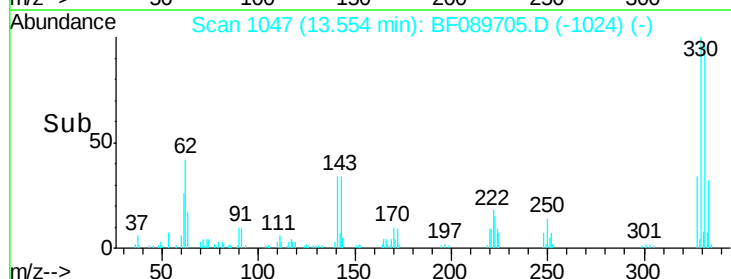
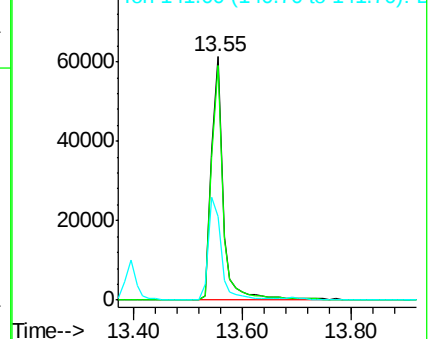
141 46.7 38.6 57.8

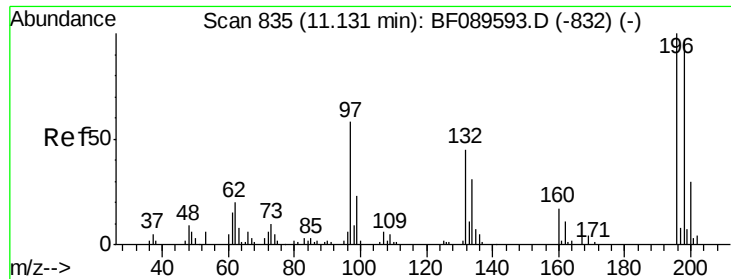


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

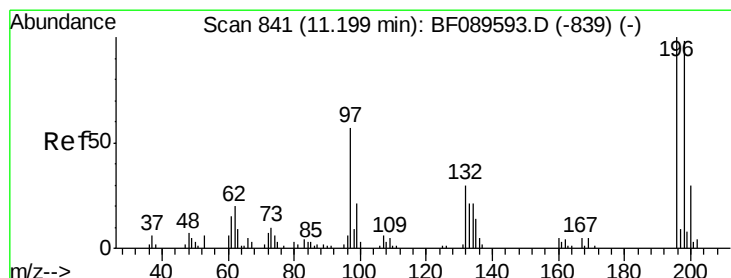
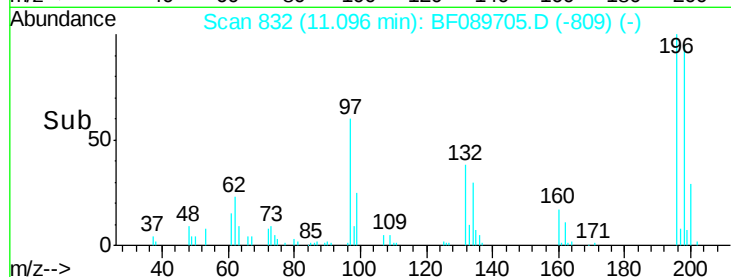
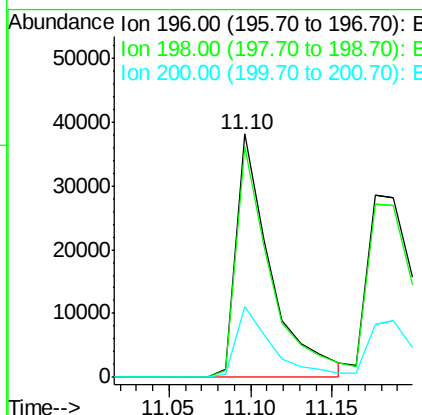
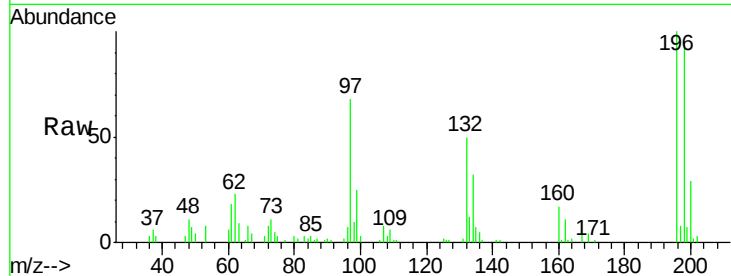




#42
 2,4,6-Trichlorophenol
 Concen: 30.94 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.03 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

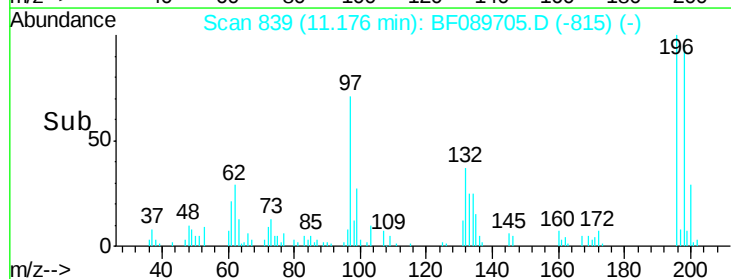
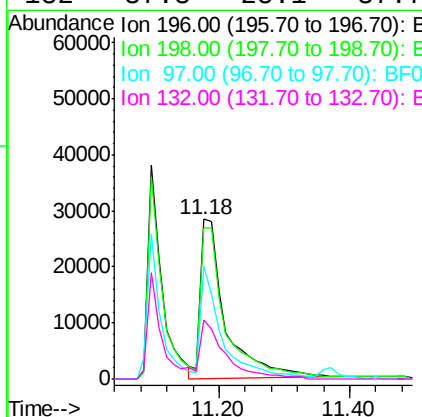
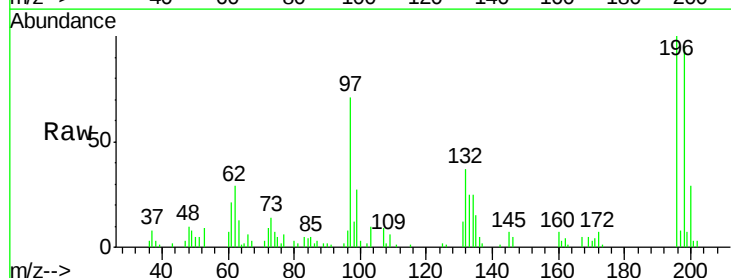
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

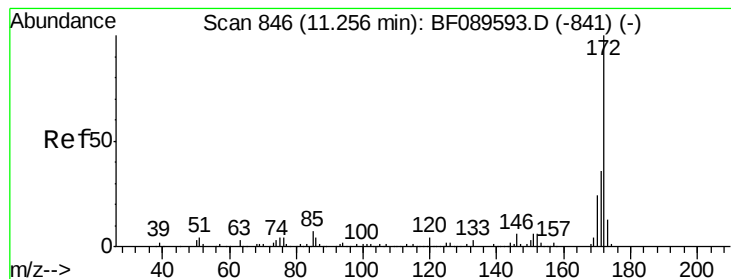
Tgt Ion:196 Resp: 55601
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.6 116.4
 200 29.0 23.8 35.8



#43
 2,4,5-Trichlorophenol
 Concen: 39.26 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion:196 Resp: 75398
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.8 116.6
 97 70.7 45.8 68.6#
 132 37.3 25.1 37.7

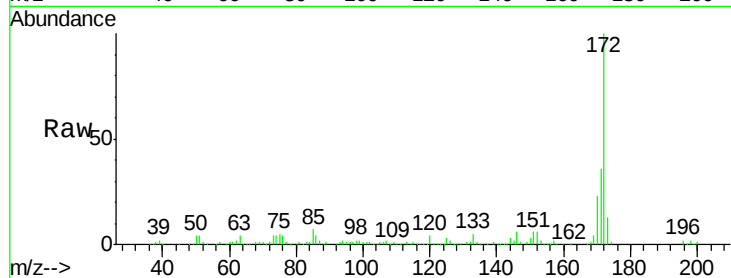




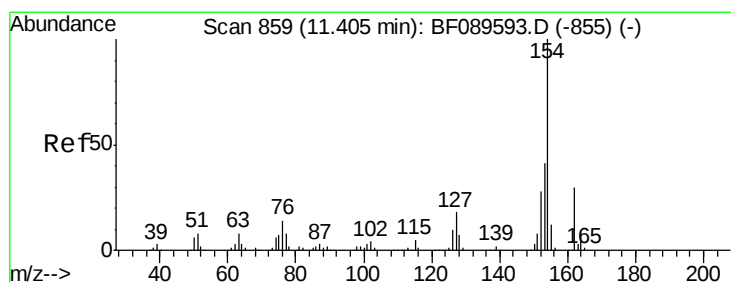
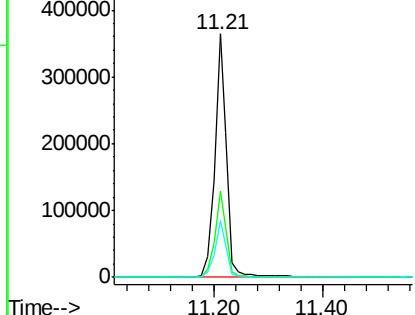
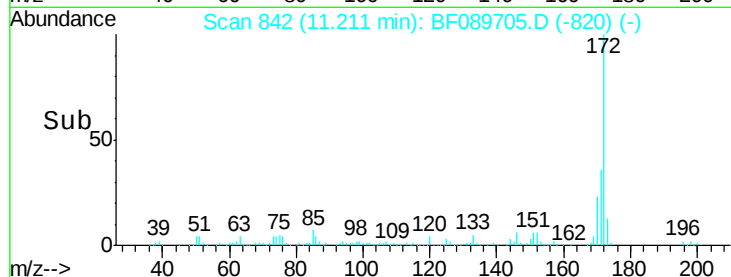
#44
 2-Fluorobiphenyl
 Concen: 74.86 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.05 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

Tgt Ion:172 Resp: 558348
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.4 19.0 28.6

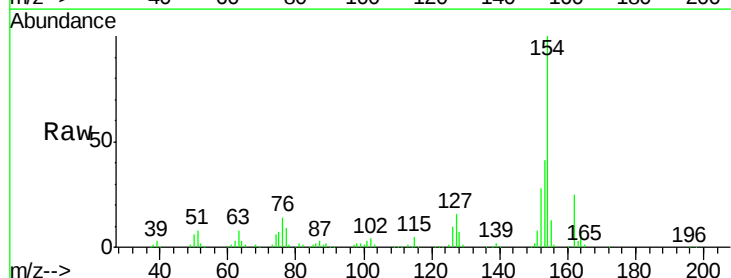


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

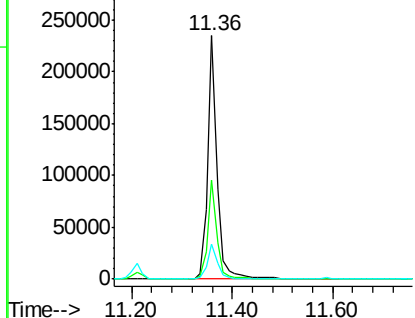
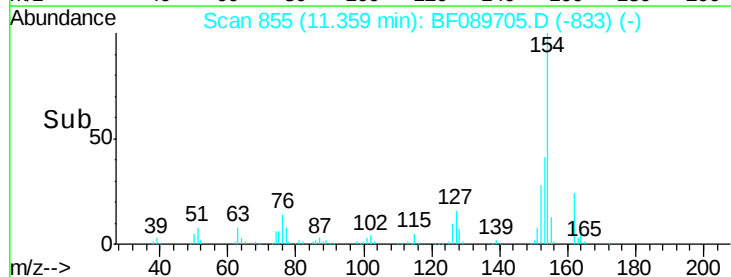


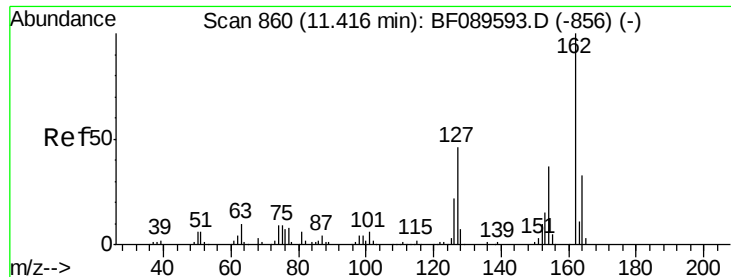
#45
 1,1'-Biphenyl
 Concen: 34.94 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.05 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion:154 Resp: 305424
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 14.3 0.0 33.7



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

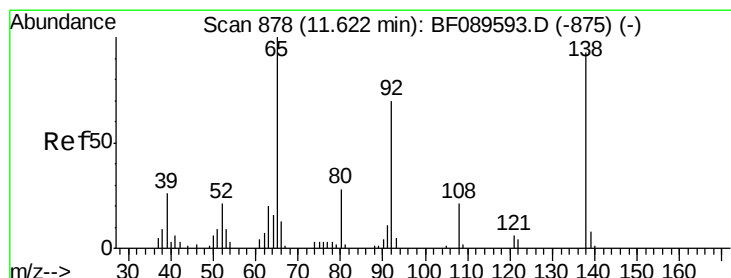
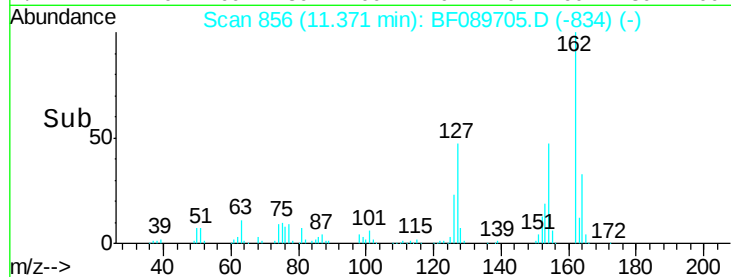
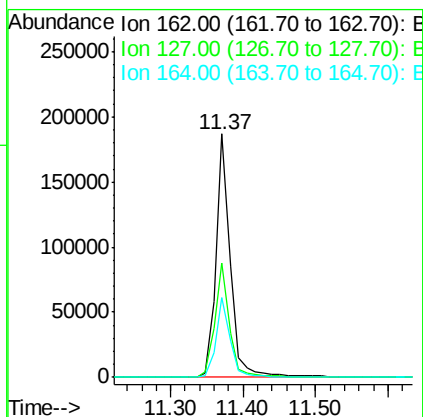
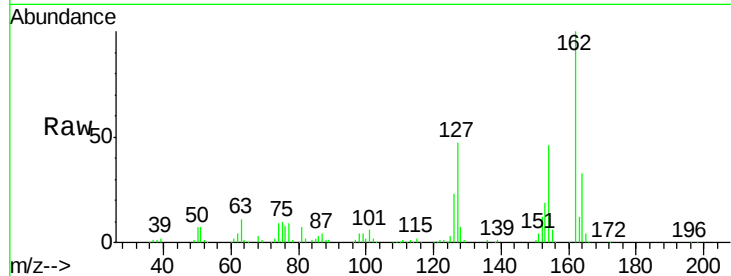




#46
 2-Chloronaphthalene
 Concen: 39.07 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.05 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

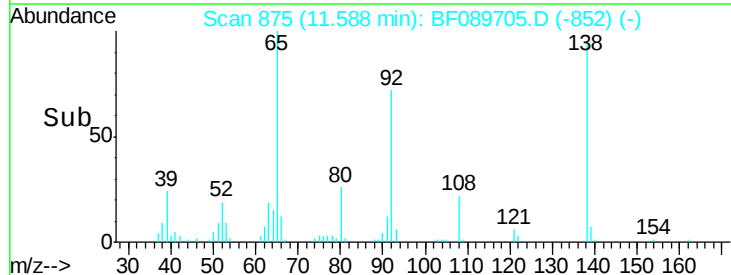
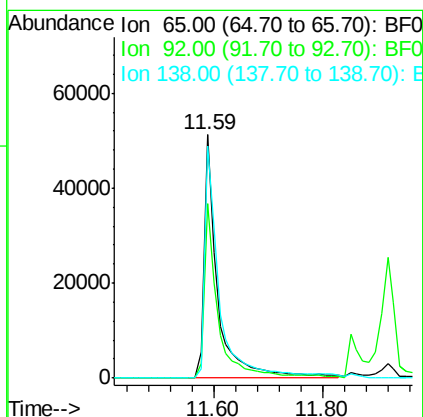
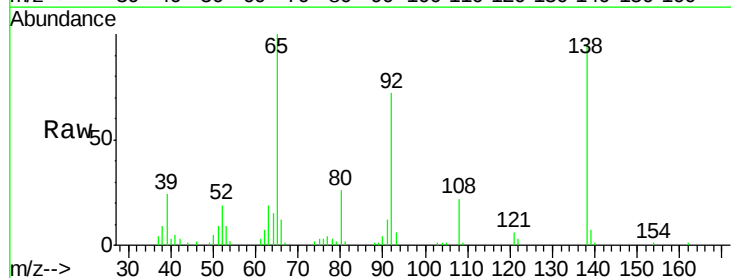
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

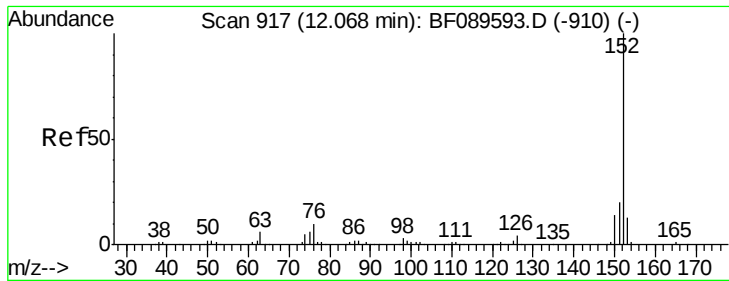
Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.2	36.6	54.8
164	32.8	26.8	40.2



#47
 2-Nitroaniline
 Concen: 42.18 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.03 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	56.3	84.5
138	95.3	74.3	111.5





#48

Acenaphthylene

Concen: 39.92 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMS

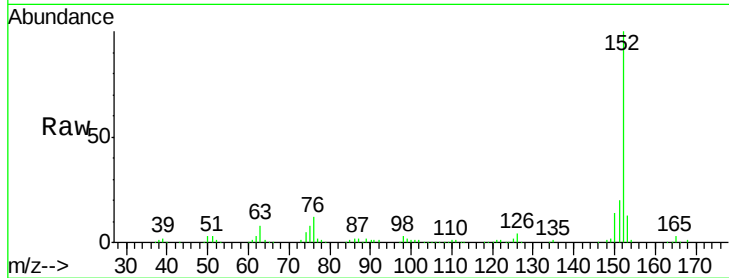
Tgt Ion:152 Resp: 430979

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

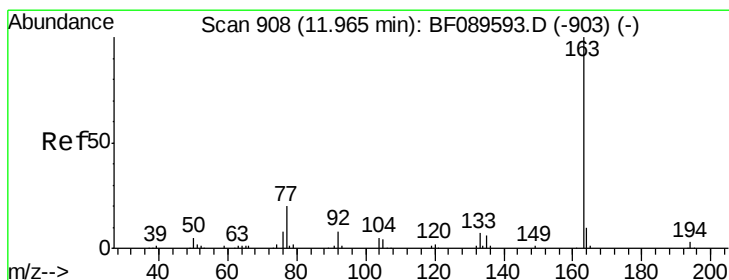
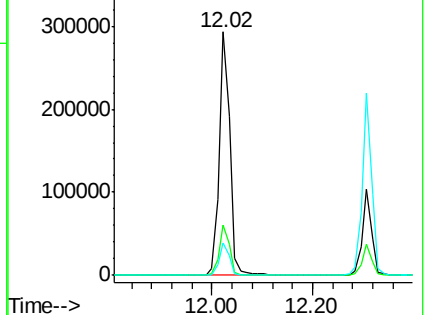
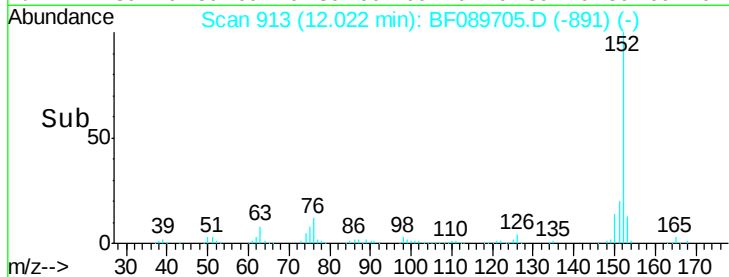
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 55.37 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

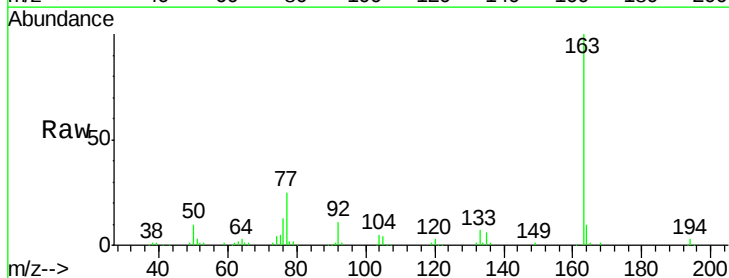
Tgt Ion:163 Resp: 420711

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

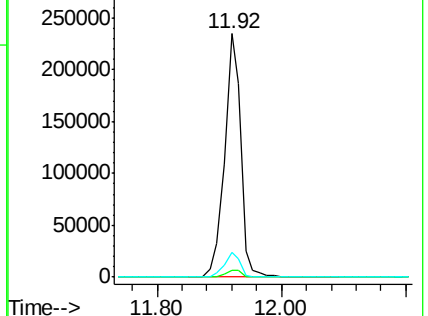
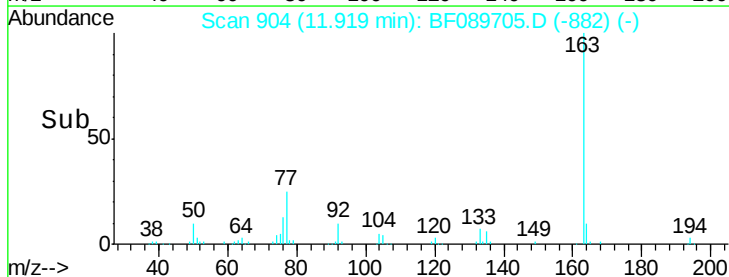
164 10.3 7.8 11.6

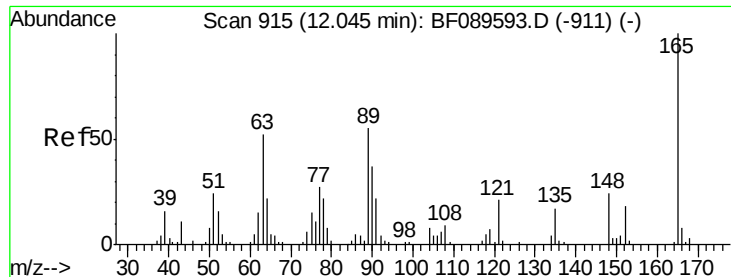


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

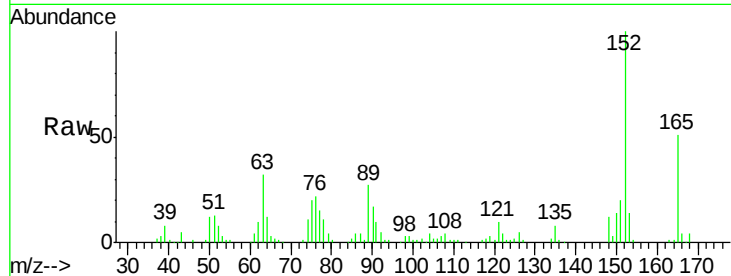




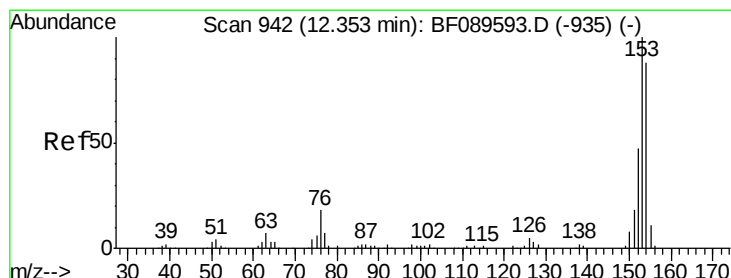
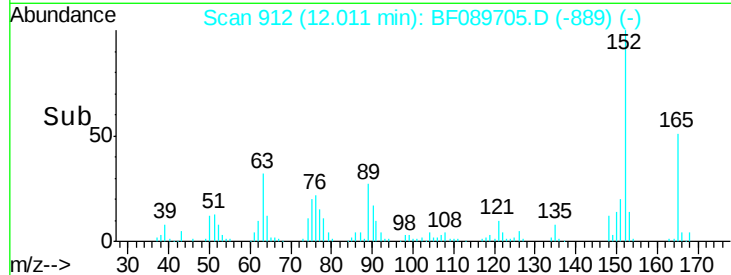
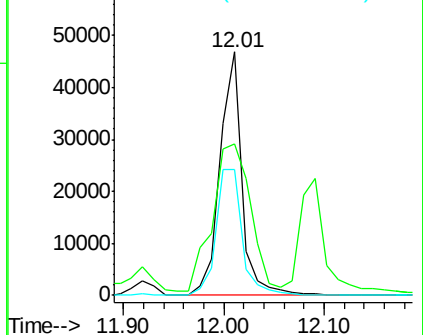
#50
 2,6-Dinitrotoluene
 Concen: 47.21 ng
 RT: 12.01 min Scan# 912
 Delta R.T. -0.03 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.0	44.6	67.0
89	51.8	44.2	66.2

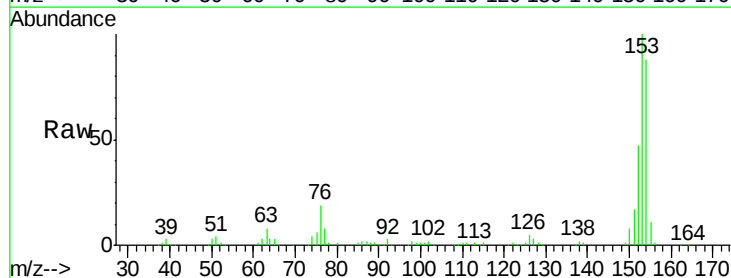


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

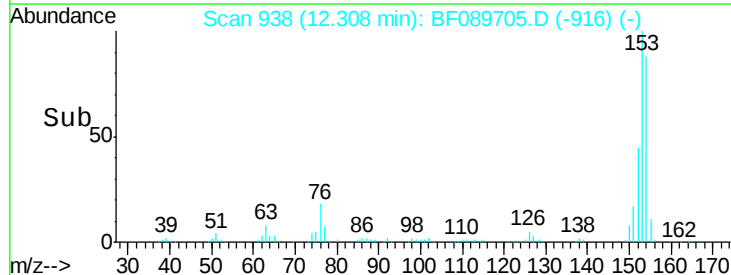
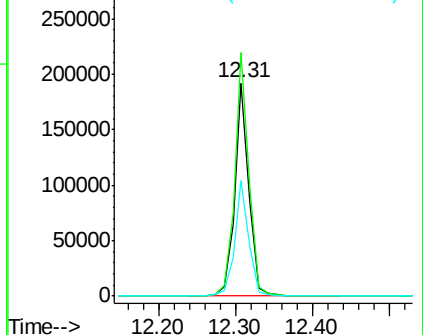


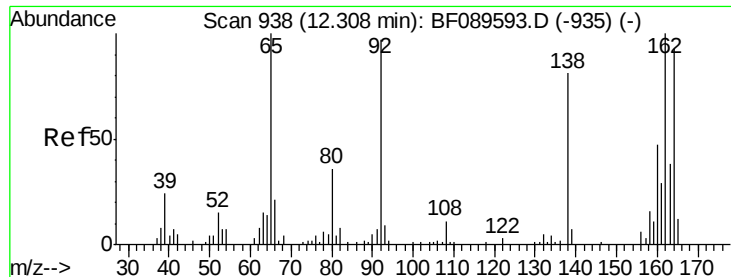
#51
 Acenaphthene
 Concen: 40.21 ng
 RT: 12.31 min Scan# 938
 Delta R.T. -0.05 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.1	136.7
152	54.2	43.5	65.3



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

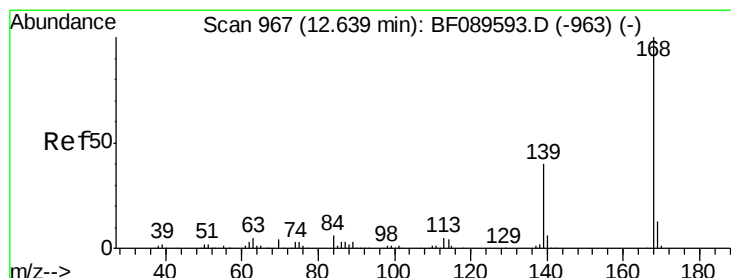
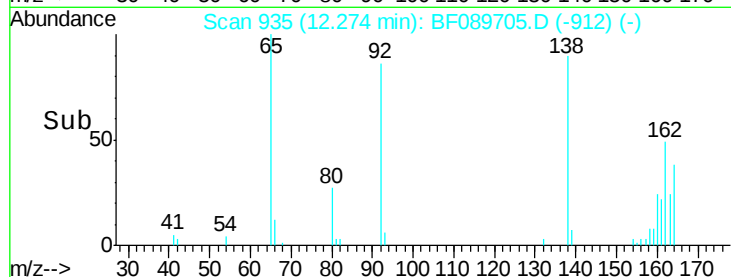
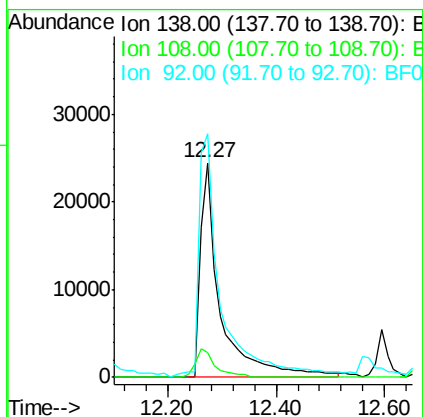
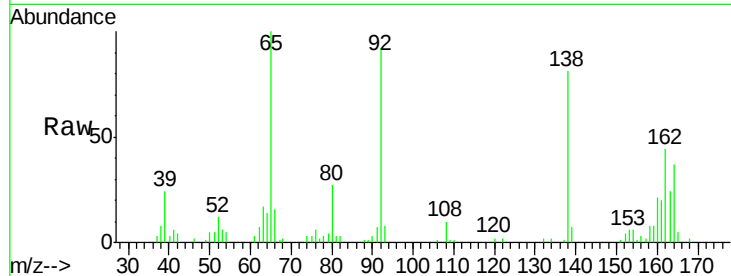




#52
3-Nitroaniline
Concen: 34.04 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

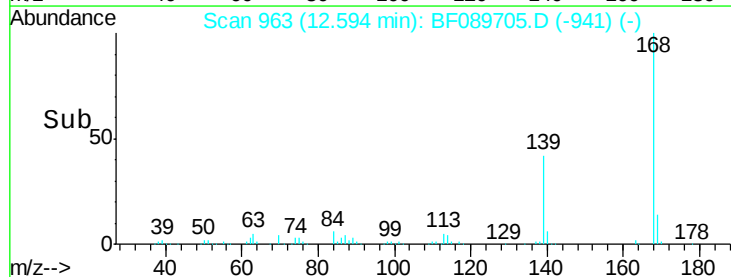
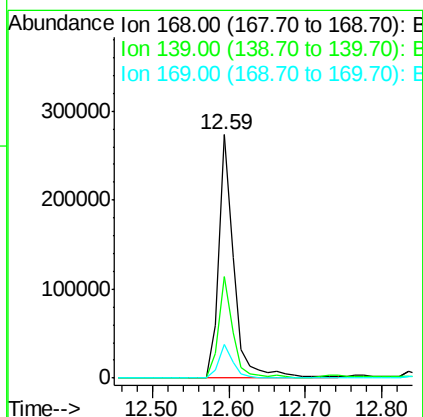
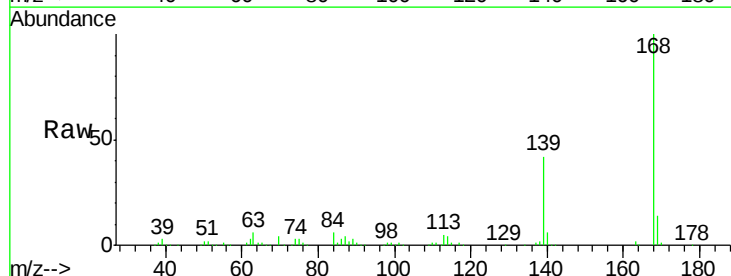
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMS

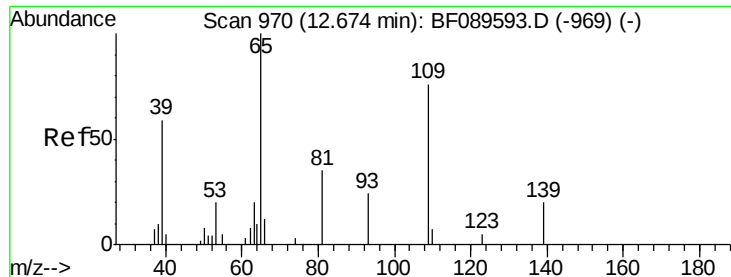
Tgt Ion:138 Resp: 61505
Ion Ratio Lower Upper
138 100
108 11.8 10.7 16.1
92 113.5 96.6 145.0



#54
Dibenzofuran
Concen: 44.31 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.05 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Tgt Ion:168 Resp: 379843
Ion Ratio Lower Upper
168 100
139 41.8 32.3 48.5
169 13.7 10.6 15.8

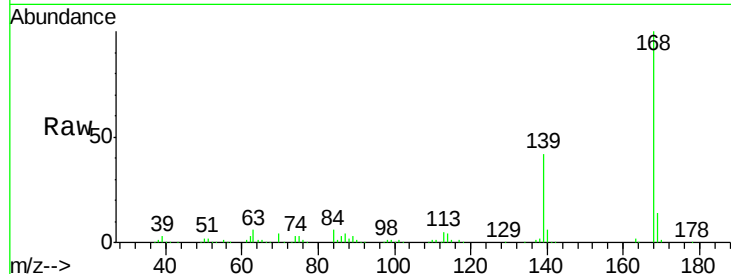




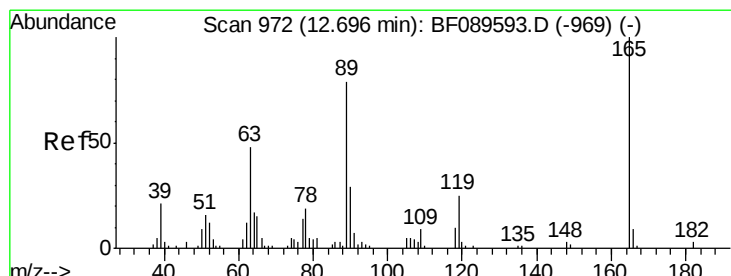
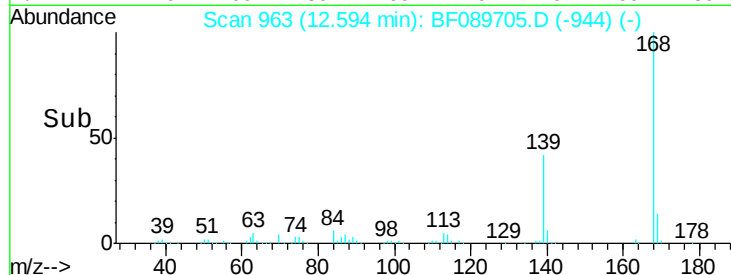
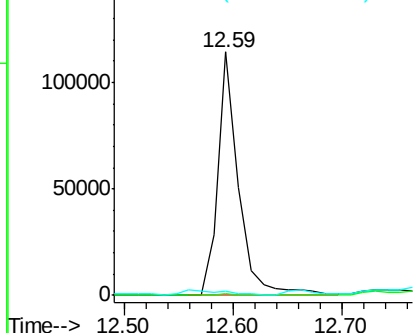
#55
4-Nitrophenol
Concen: Below Cal
RT: 12.59 min Scan# 963
Delta R.T. -0.08 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.9	28.9	68.9#
65	1.9	49.2	89.2#



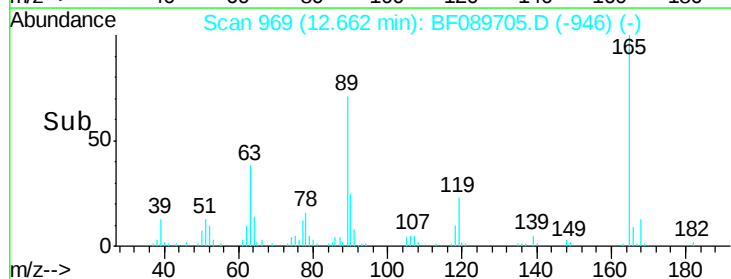
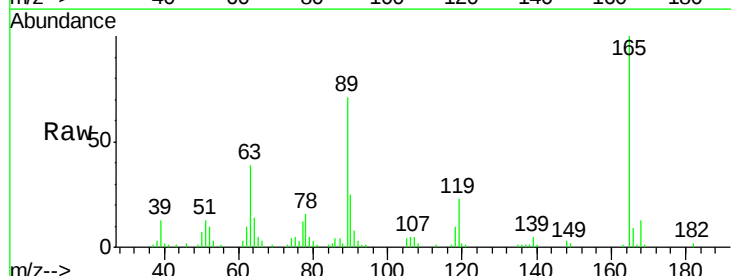
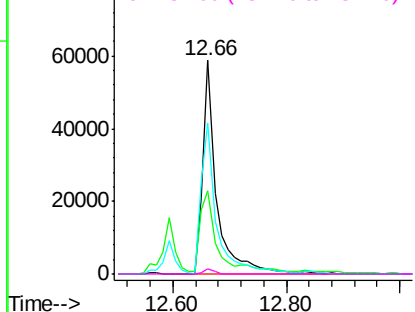
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

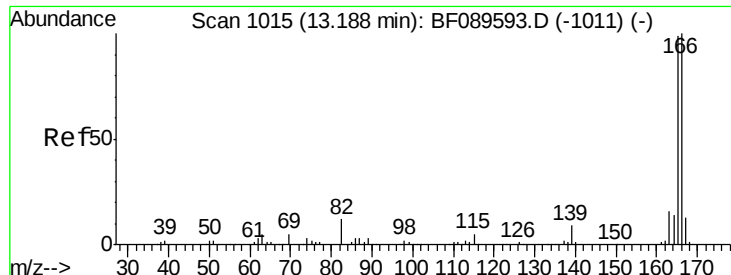


#56
2,4-Dinitrotoluene
Concen: 45.58 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.03 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.8	42.2	63.4#
89	70.9	64.4	96.6
182	2.3	2.1	3.1

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
Ion 182.00 (181.70 to 182.70): E

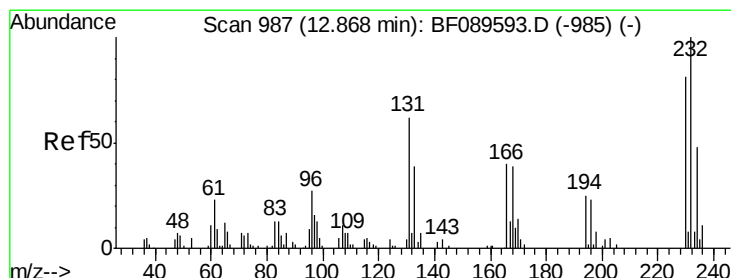
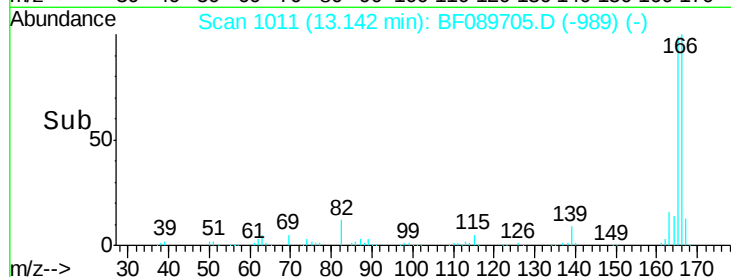
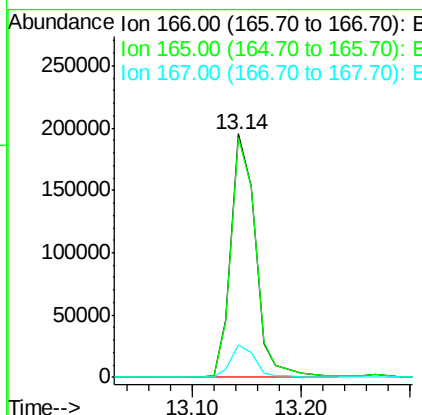
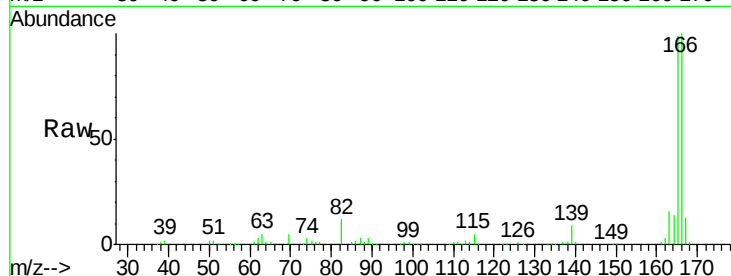




#57
 Fluorene
 Concen: 41.78 ng
 RT: 13.14 min Scan# 1011
 Delta R.T. -0.05 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

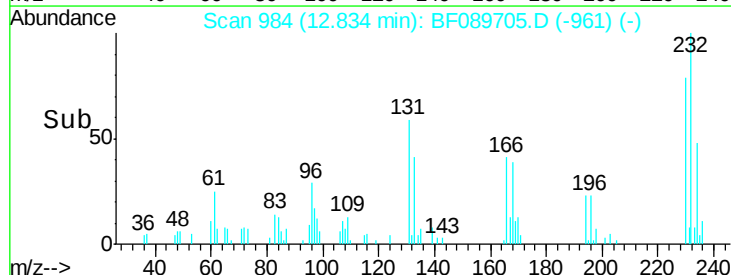
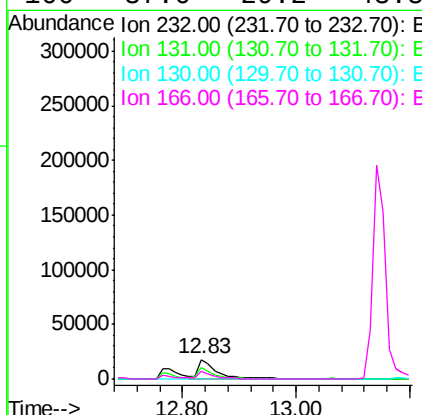
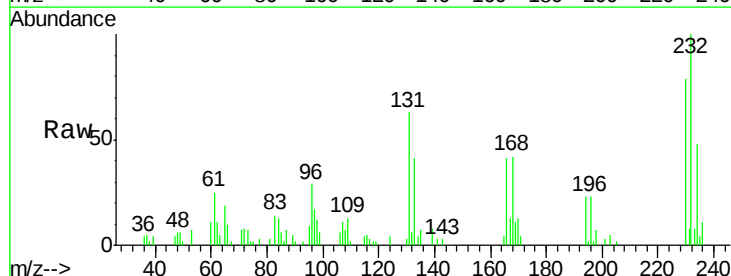
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

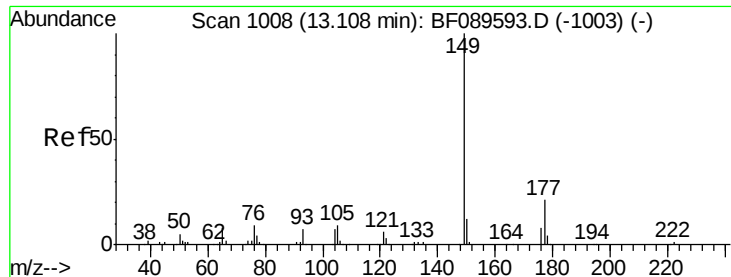
Tgt Ion:166 Resp: 306170
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.9 118.3
 167 13.3 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 26.38 ng
 RT: 12.83 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion:232 Resp: 38468
 Ion Ratio Lower Upper
 232 100
 131 57.2 46.2 69.2
 130 1.7 1.7 2.5#
 166 37.6 29.2 43.8

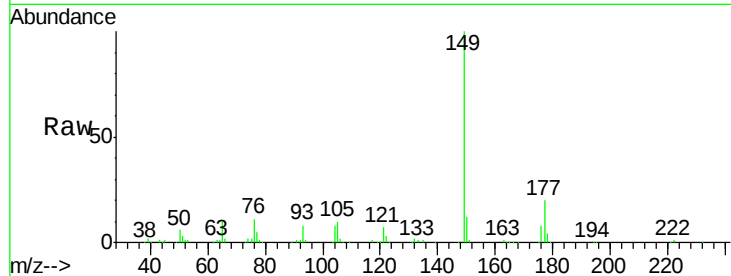




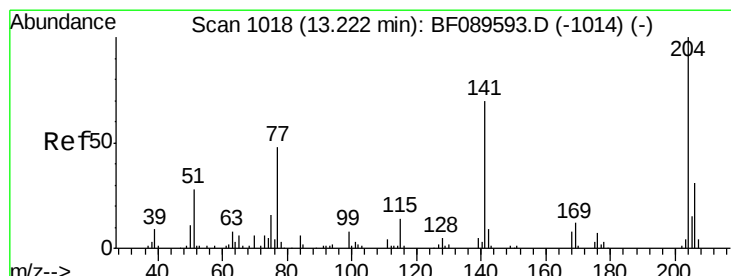
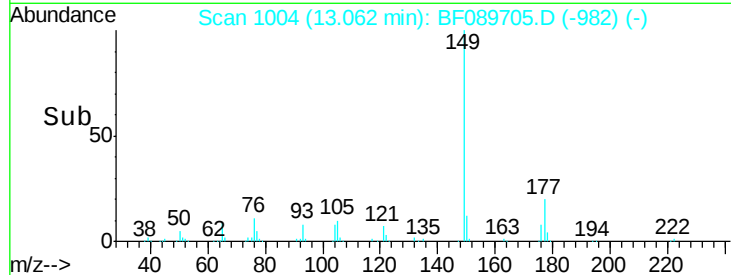
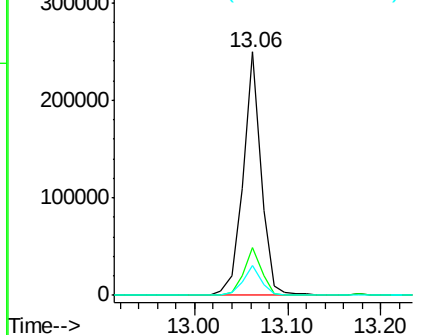
#59
Diethylphthalate
Concen: 42.54 ng
RT: 13.06 min Scan# 1004
Delta R.T. -0.05 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMS

Tgt Ion:149 Resp: 334273
Ion Ratio Lower Upper
149 100
177 19.8 16.8 25.2
150 12.2 9.6 14.4

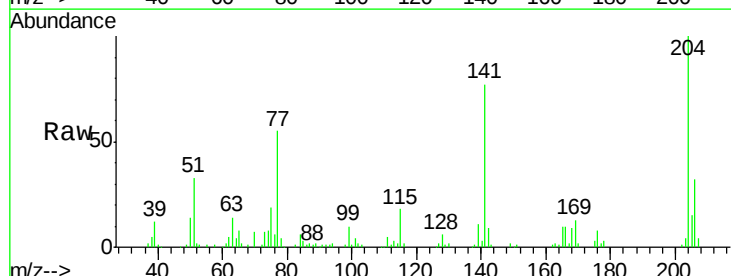


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

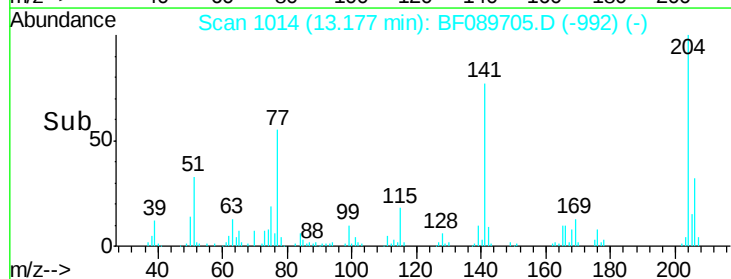
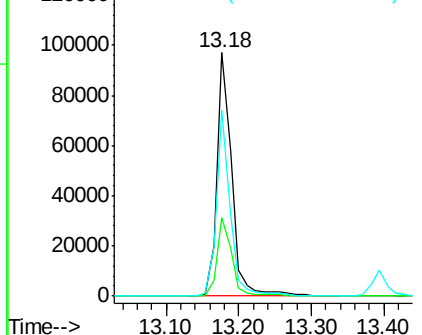


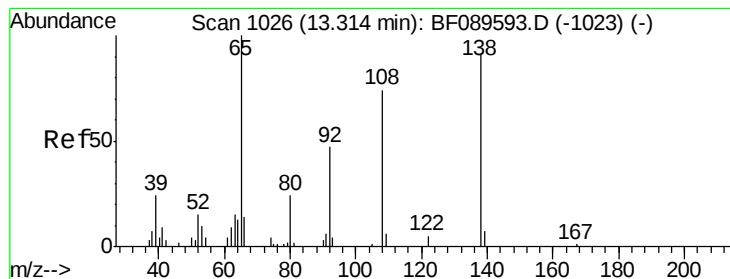
#60
4-Chlorophenyl-phenylether
Concen: 40.88 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.05 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Tgt Ion:204 Resp: 137361
Ion Ratio Lower Upper
204 100
206 32.0 25.0 37.4
141 76.5 56.2 84.4



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: 42.66 ng

RT: 13.28 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMS

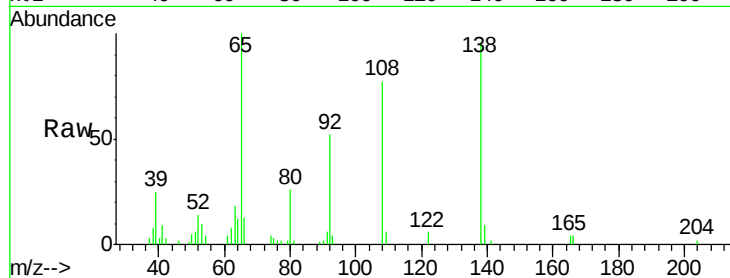
Tgt Ion:138 Resp: 69301

Ion Ratio Lower Upper

138 100

92 54.4 31.6 71.6

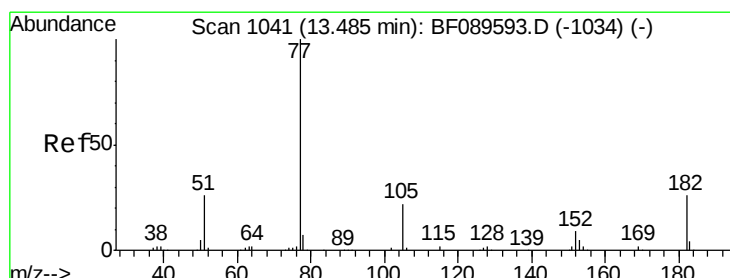
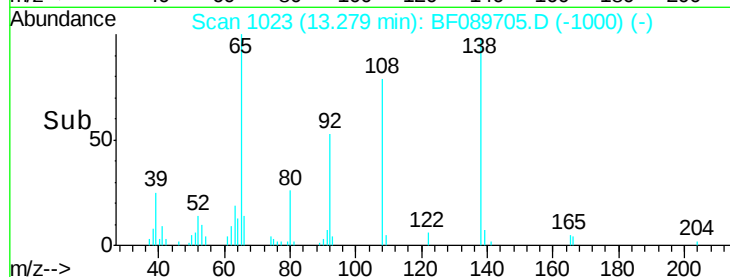
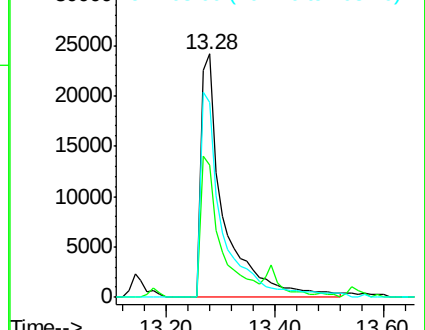
108 80.3 61.5 101.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.93 ng

RT: 13.44 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Tgt Ion: 77 Resp: 371882

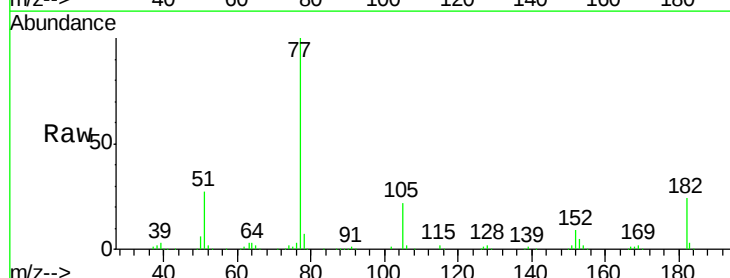
Ion Ratio Lower Upper

77 100

182 24.3 5.8 45.8

105 22.3 2.9 42.9

51 27.0 7.2 47.2

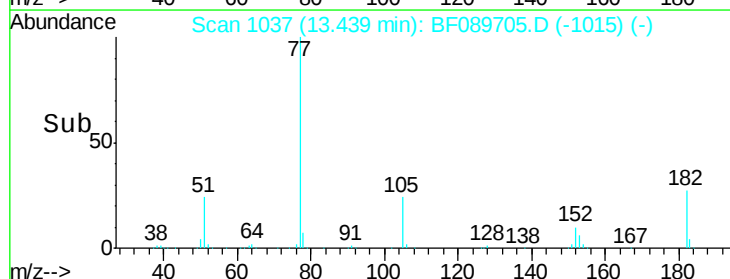
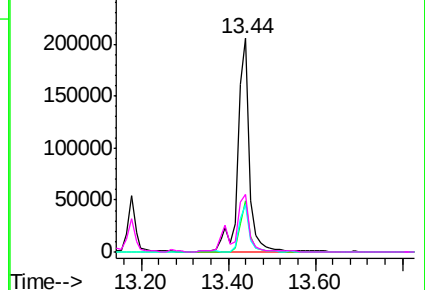


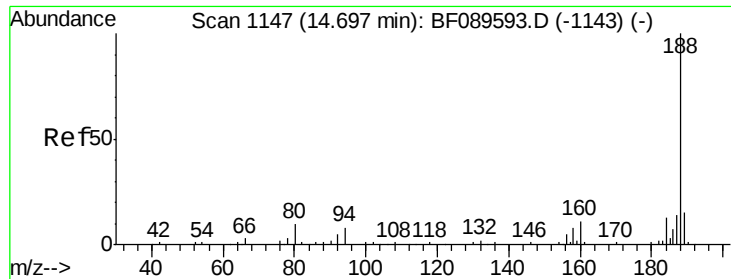
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

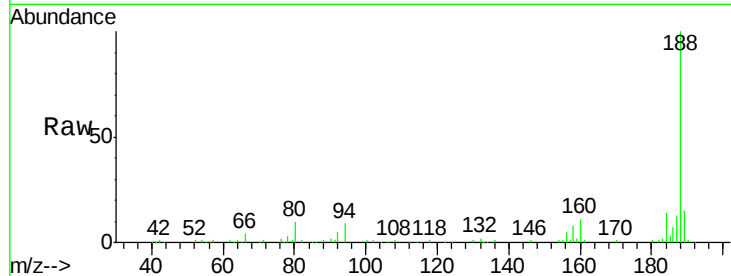




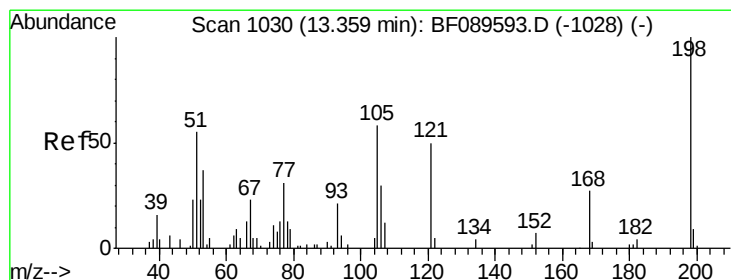
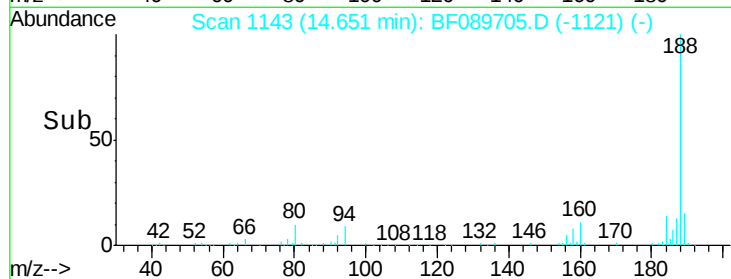
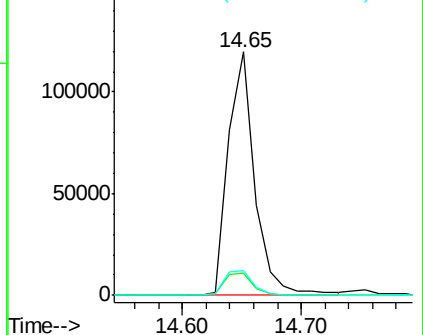
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMS

Tgt Ion:188 Resp: 184991
Ion Ratio Lower Upper
188 100
94 9.1 6.5 9.7
80 9.9 8.0 12.0

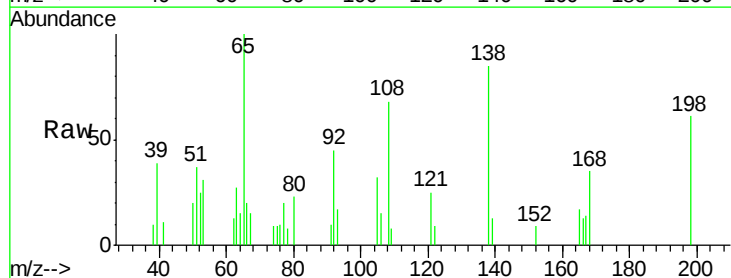


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

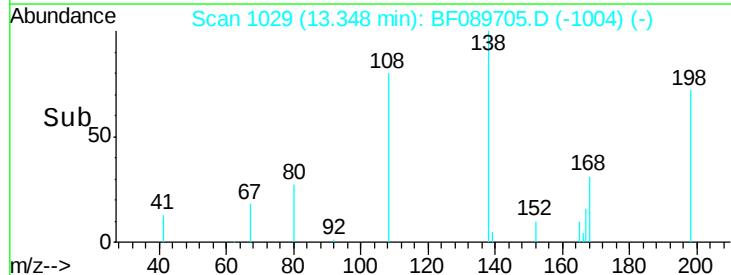
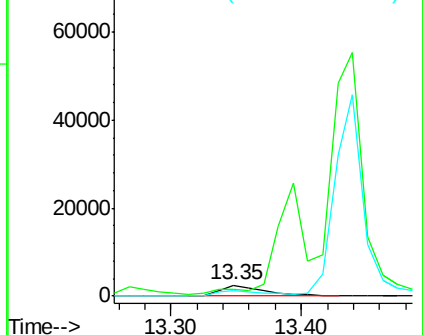


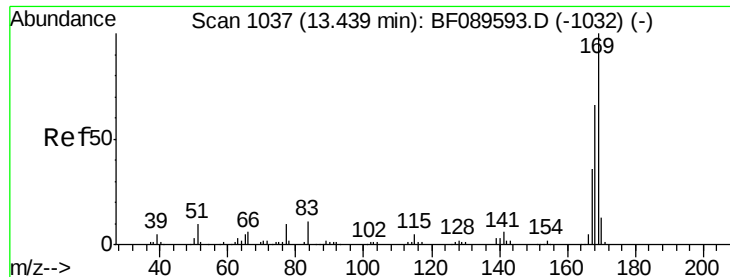
#64
4,6-Dinitro-2-methylphenol
Concen: 9.79 ng
RT: 13.35 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Tgt Ion:198 Resp: 5648
Ion Ratio Lower Upper
198 100
51 60.8 38.9 78.9
105 52.6 38.1 78.1



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

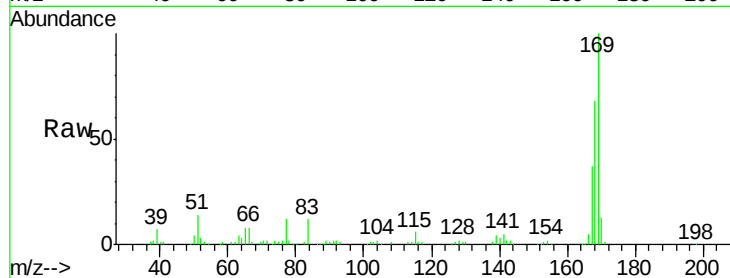




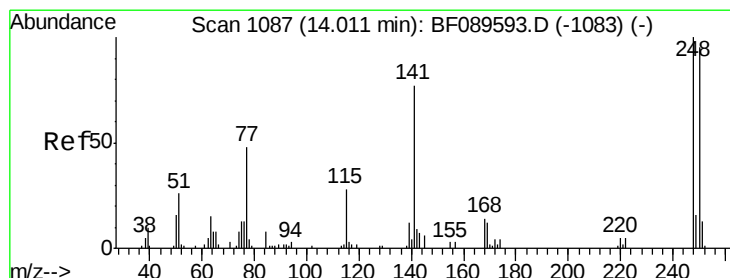
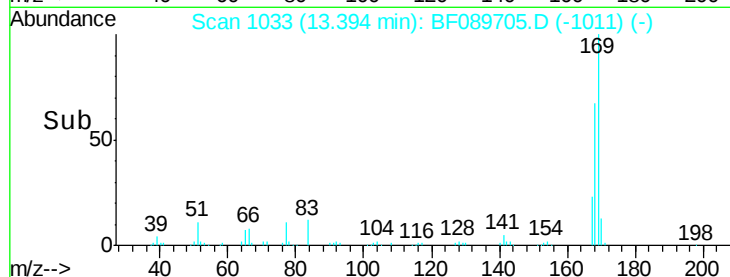
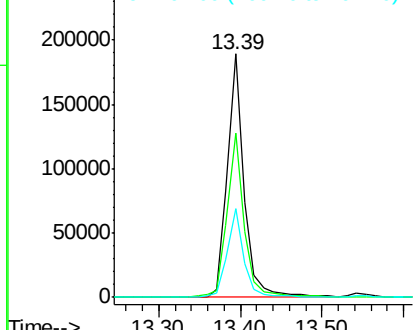
#65
 n-Nitrosodiphenylamine
 Concen: 43.17 ng
 RT: 13.39 min Scan# 1033
 Delta R.T. -0.05 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

Tgt Ion:169 Resp: 269734
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.2 81.2
 167 36.7 28.9 43.3

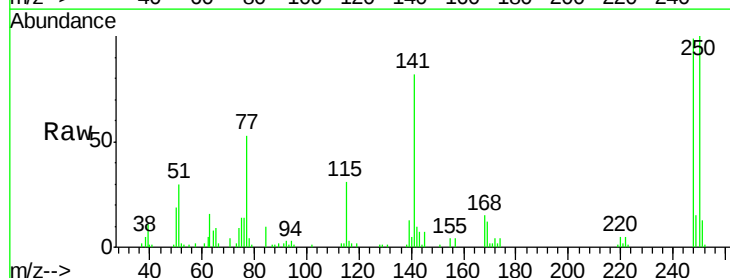


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

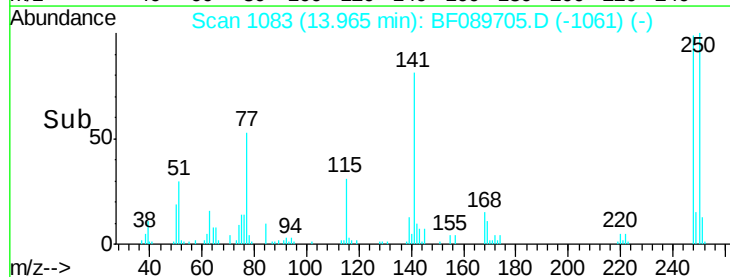
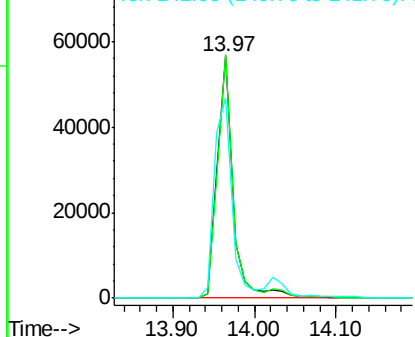


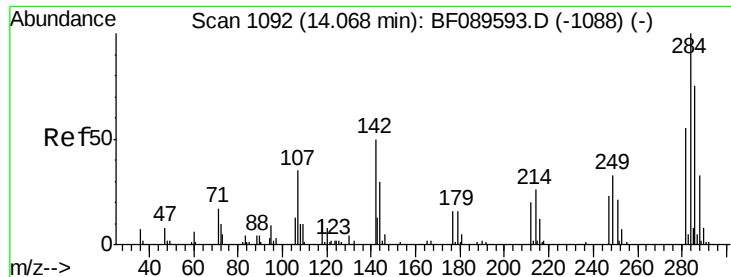
#66
 4-Bromophenyl-phenylether
 Concen: 43.34 ng
 RT: 13.97 min Scan# 1083
 Delta R.T. -0.05 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion:248 Resp: 77548
 Ion Ratio Lower Upper
 248 100
 250 100.6 76.2 114.2
 141 82.4 61.3 91.9



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

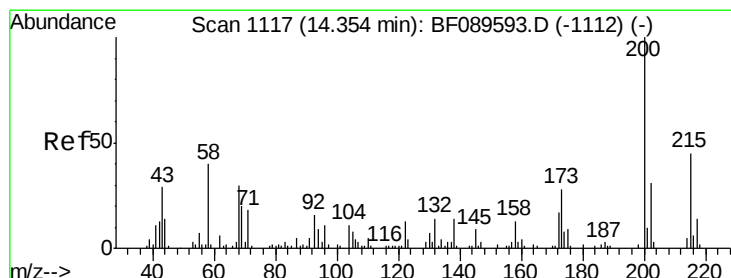
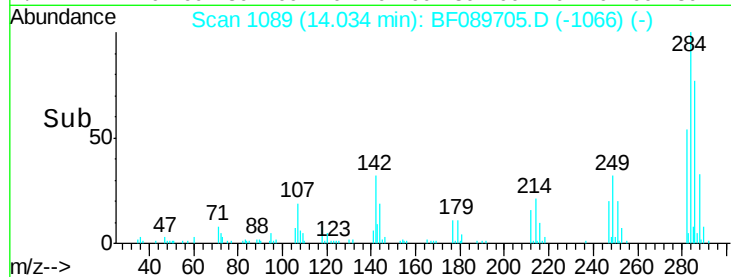
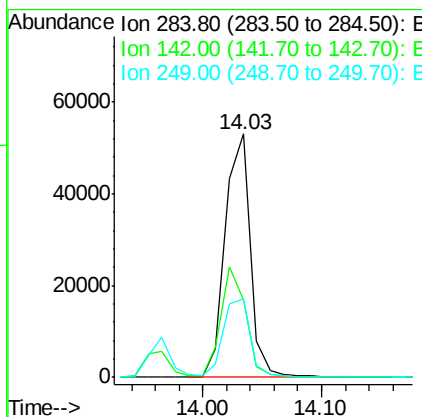
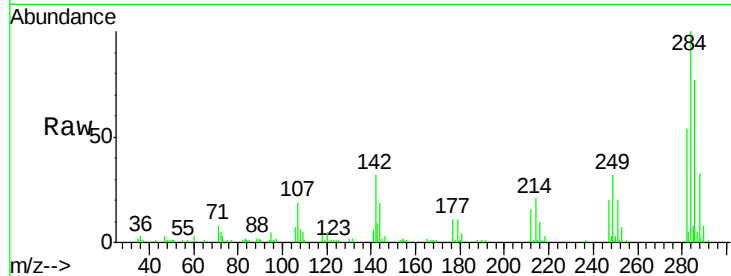




#67
 Hexachlorobenzene
 Concen: 39.60 ng
 RT: 14.03 min Scan# 1089
 Delta R.T. -0.03 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

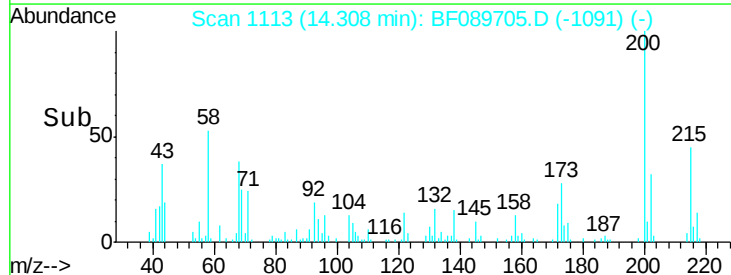
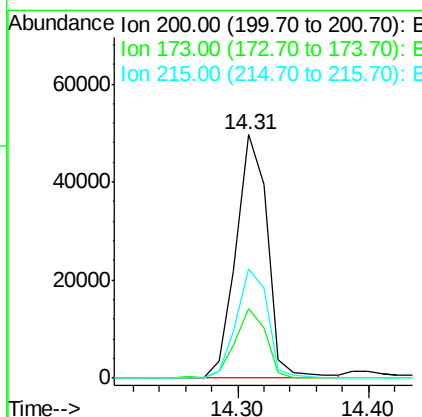
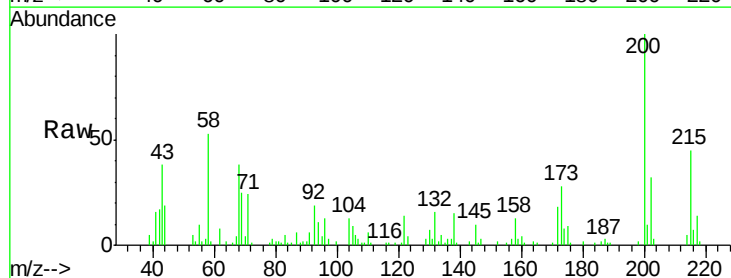
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

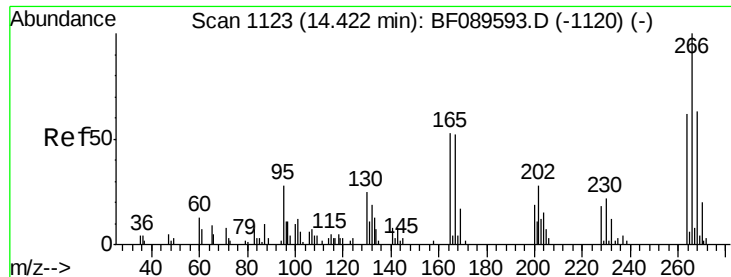
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	41.4	62.0#
249	32.3	28.6	43.0



#68
 Atrazine
 Concen: 47.65 ng
 RT: 14.31 min Scan# 1113
 Delta R.T. -0.05 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.2	48.2
215	44.7	24.9	64.9

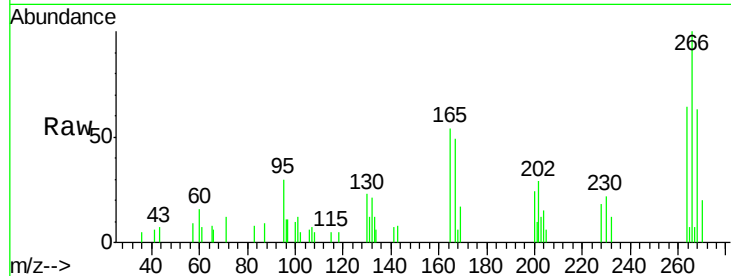




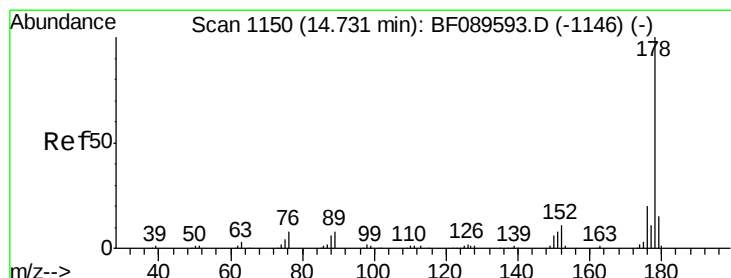
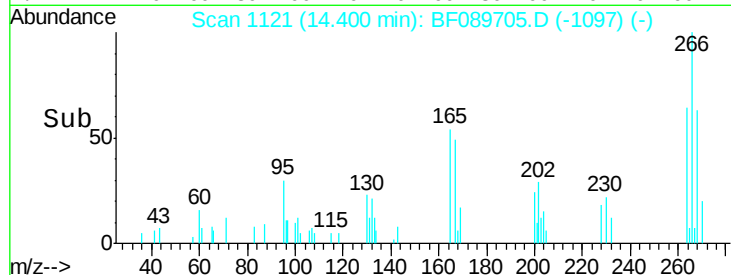
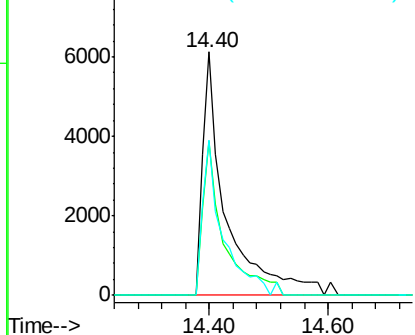
#69
 Pentachlorophenol
 Concen: 23.46 ng
 RT: 14.40 min Scan# 1121
 Delta R.T. -0.02 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

Tgt Ion:266 Resp: 17181
 Ion Ratio Lower Upper
 266 100
 268 63.2 50.6 75.8
 264 63.8 49.5 74.3

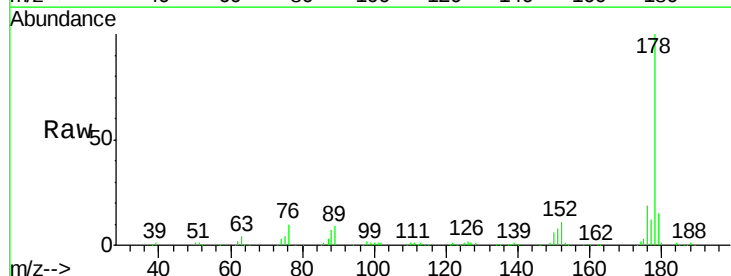


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

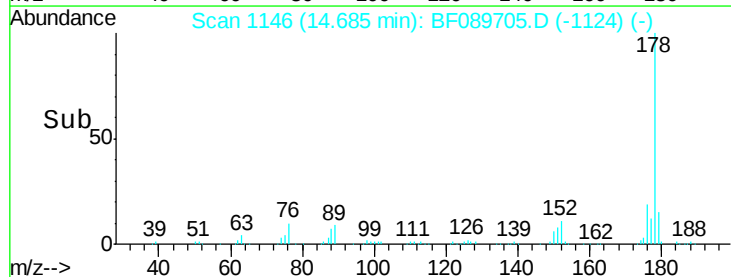
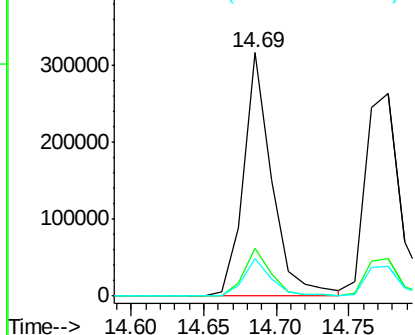


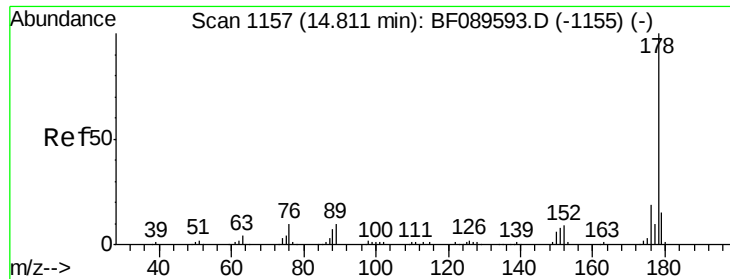
#70
 Phenanthrene
 Concen: 42.64 ng
 RT: 14.69 min Scan# 1146
 Delta R.T. -0.05 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion:178 Resp: 428960
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 15.4 12.2 18.2



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

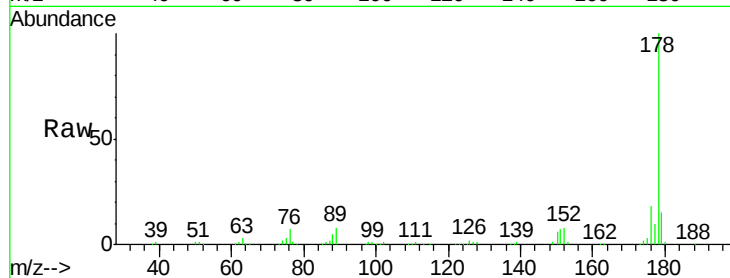




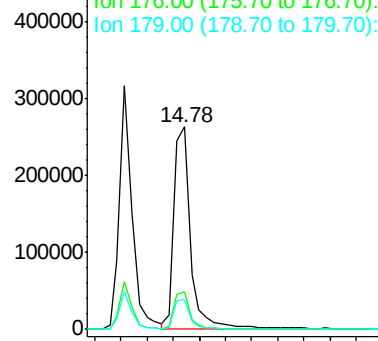
#71
 Anthracene
 Concen: 42.43 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

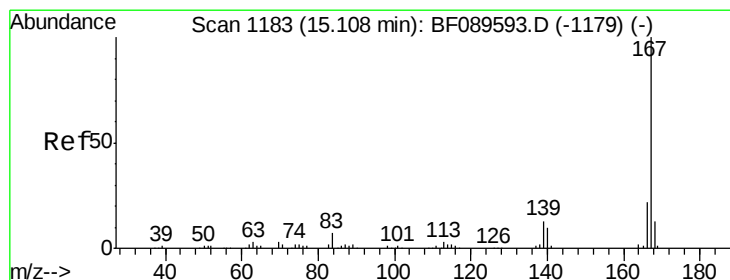
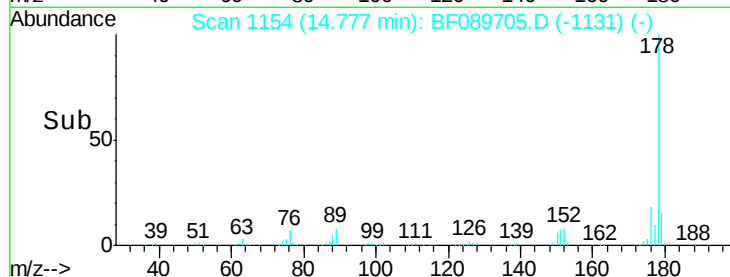
Tgt Ion:178 Resp: 457568
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.0 22.4
 179 14.8 12.4 18.6



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

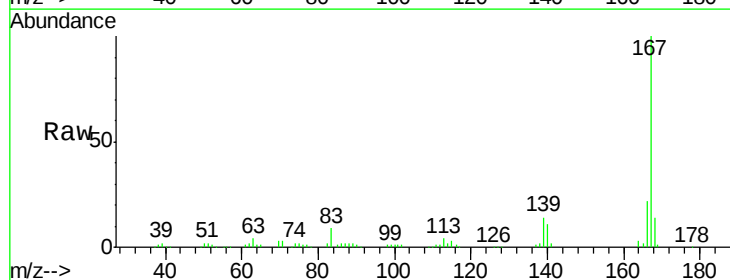


Time-->

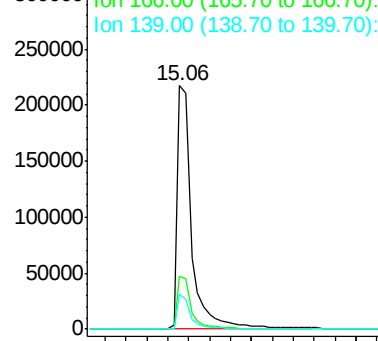


#72
 Carbazole
 Concen: 47.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

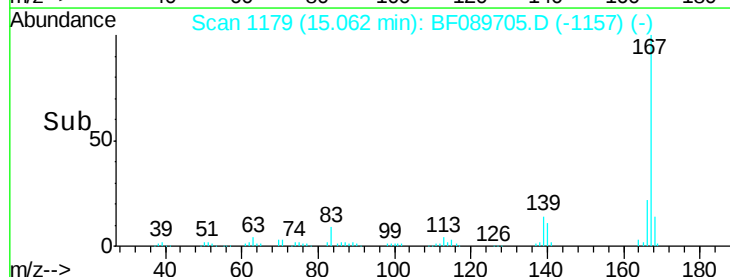
Tgt Ion:167 Resp: 422416
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 14.2 10.4 15.6

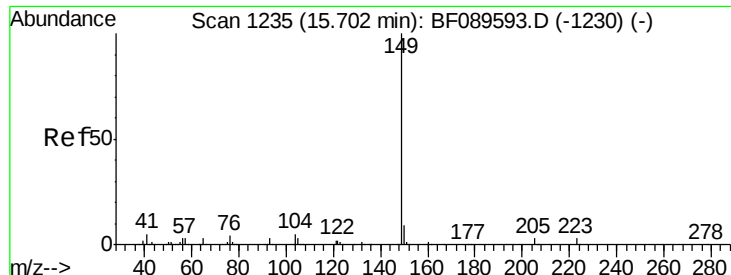


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 42.32 ng

RT: 15.66 min Scan# 1231

Delta R.T. -0.05 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMS

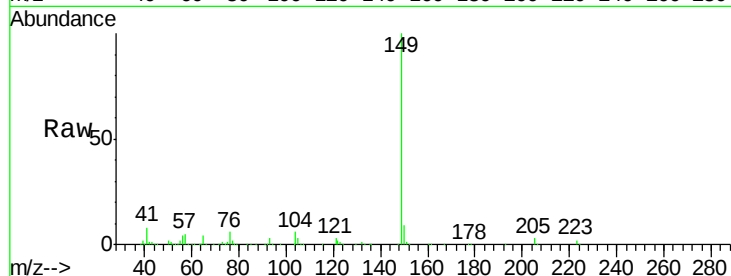
Tgt Ion:149 Resp: 514435

Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

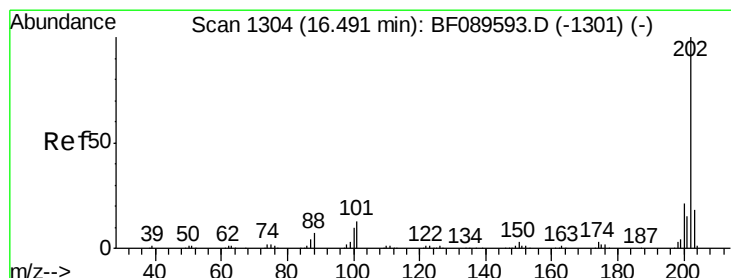
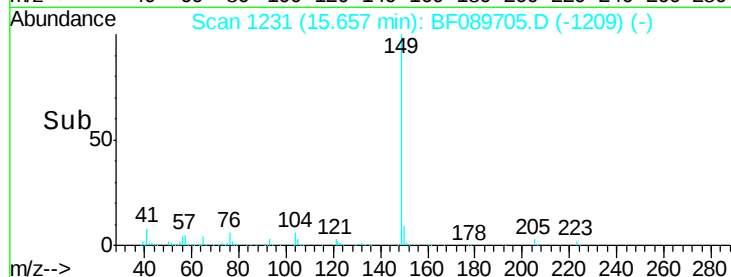
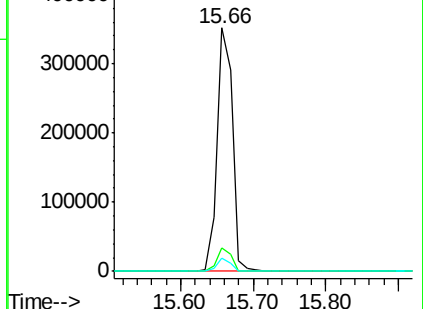
104 5.6 3.8 5.8



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: 42.90 ng

RT: 16.46 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF089705.D

Acq: 10 Aug 2016 20:10

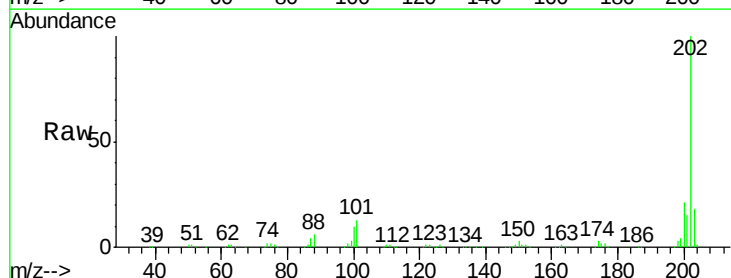
Tgt Ion:202 Resp: 443560

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.7

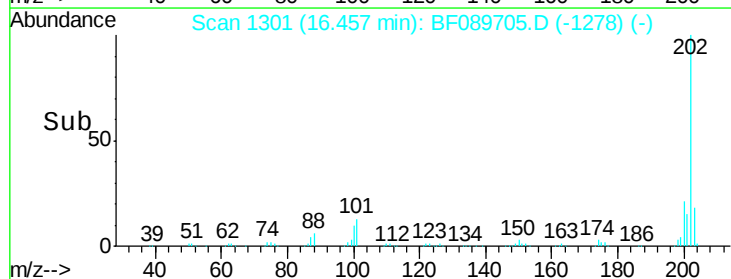
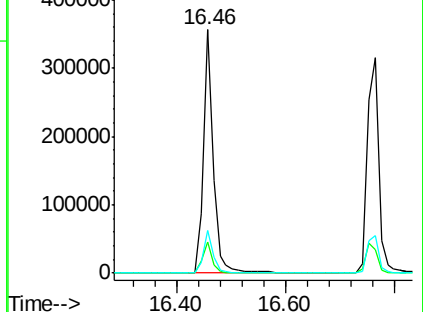
203 17.6 0.0 37.8

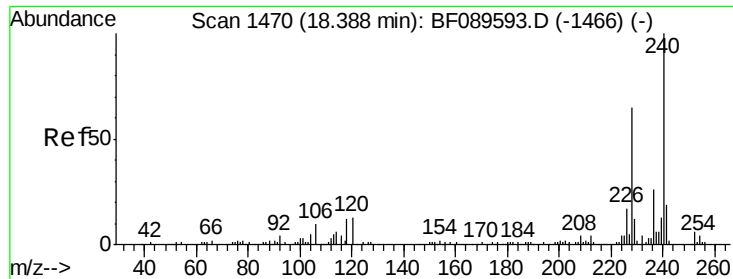


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

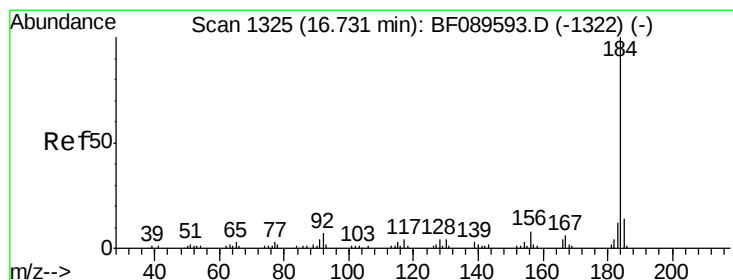
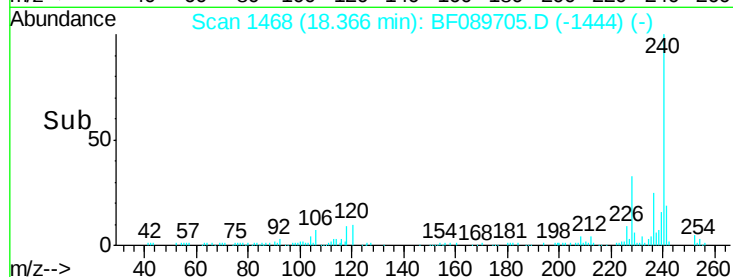
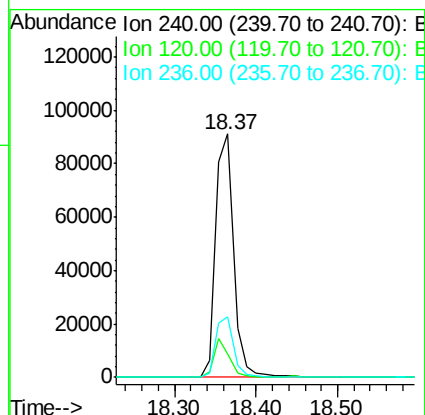
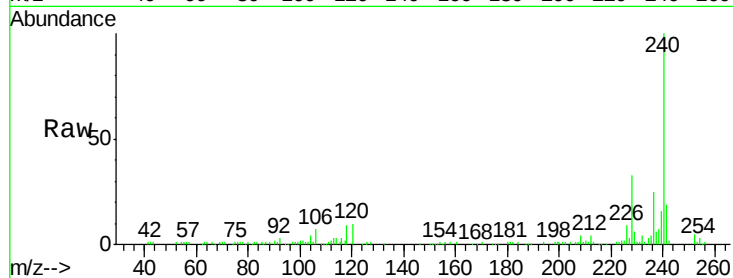




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

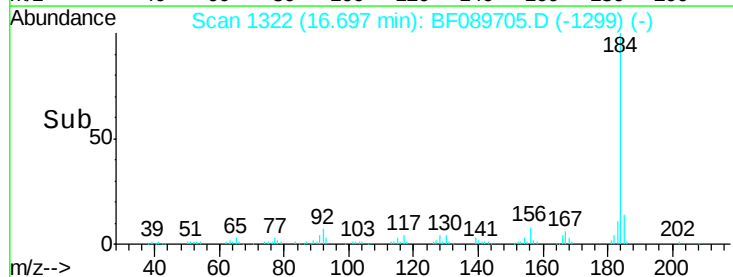
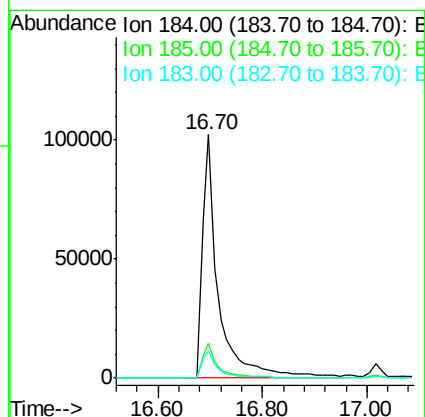
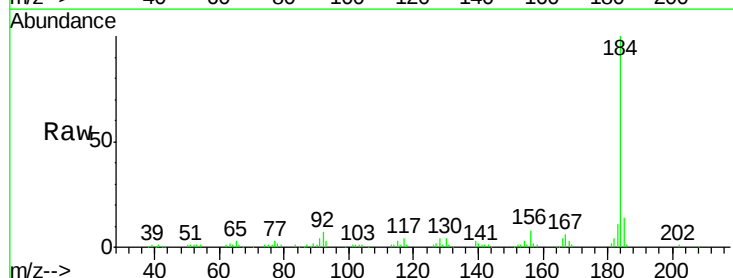
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMS

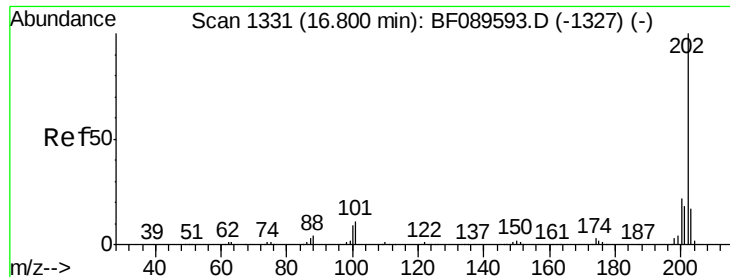
Tgt Ion:240 Resp: 141084
Ion Ratio Lower Upper
240 100
120 9.6 10.6 15.8#
236 24.8 20.6 30.8



#76
Benzidine
Concen: 51.15 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Tgt Ion:184 Resp: 218764
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.4 9.8 14.8

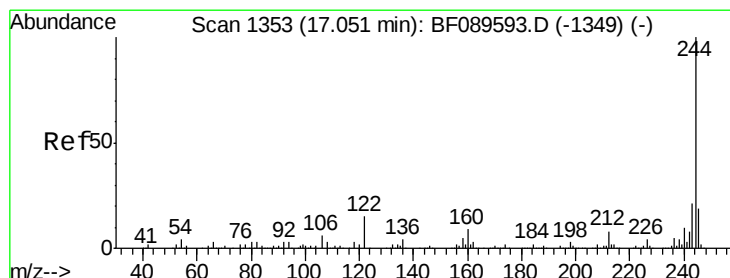
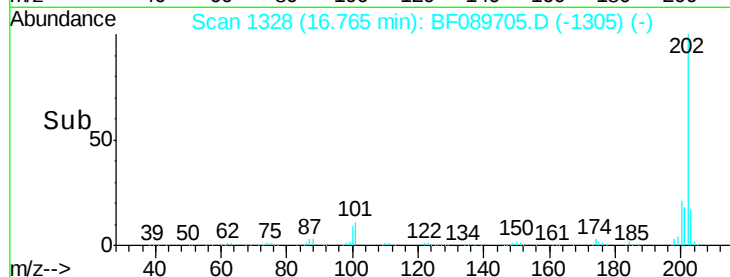
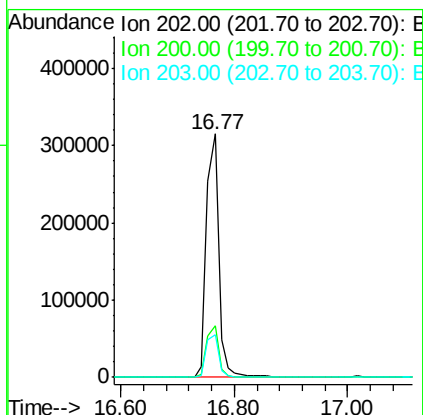
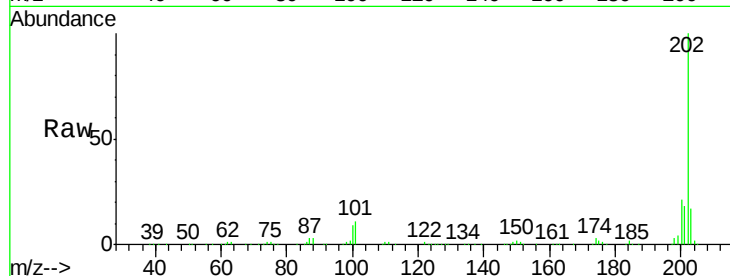




#77
 Pyrene
 Concen: 36.28 ng
 RT: 16.77 min Scan# 1328
 Delta R.T. -0.03 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

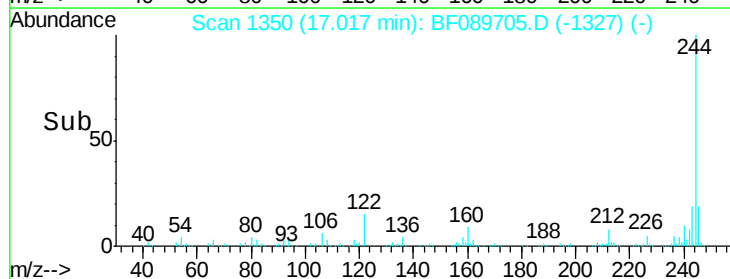
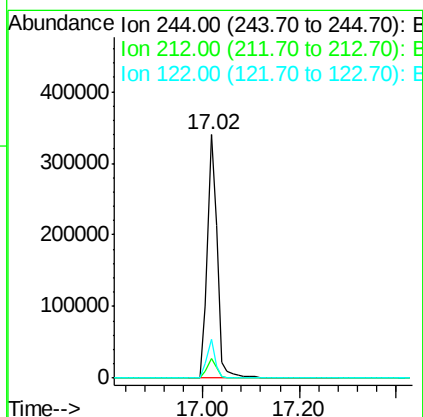
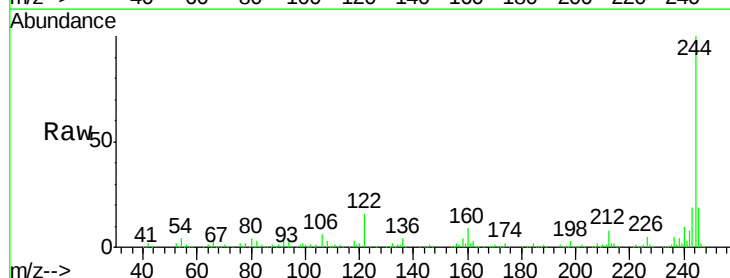
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

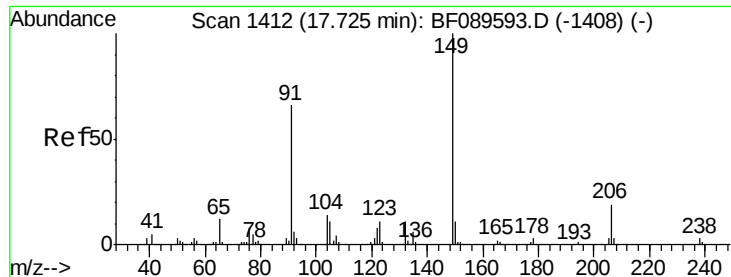
Tgt Ion: 202 Resp: 452515
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.4 26.0
 203 17.4 13.6 20.4



#78
 Terphenyl-d14
 Concen: 68.36 ng
 RT: 17.02 min Scan# 1350
 Delta R.T. -0.03 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion: 244 Resp: 488576
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 15.8 12.2 18.2

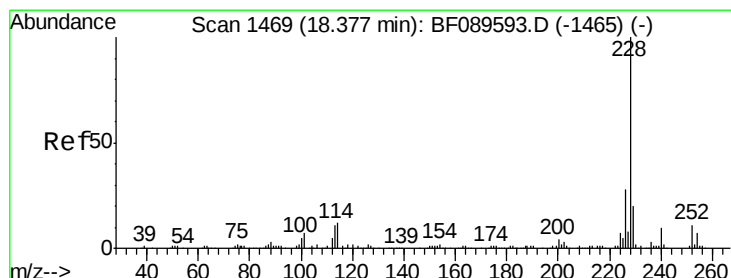
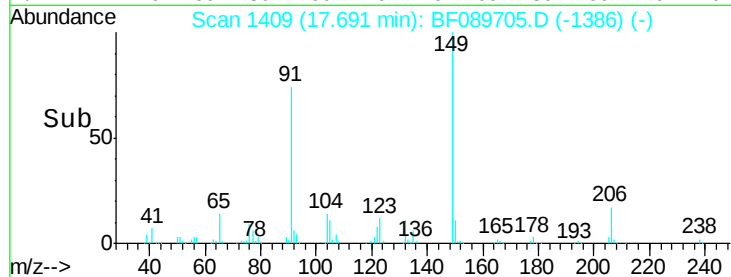
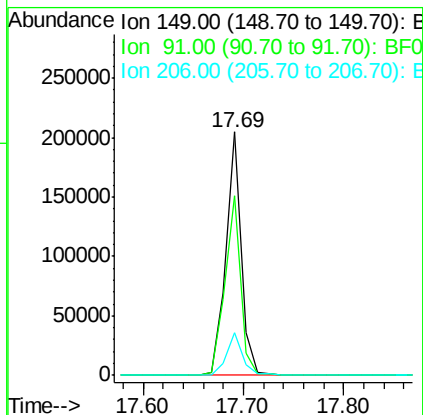
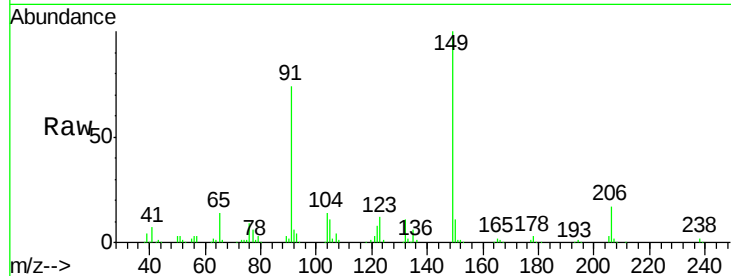




#79
Butylbenzylphthalate
Concen: 41.17 ng
RT: 17.69 min Scan# 1409
Delta R.T. -0.03 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

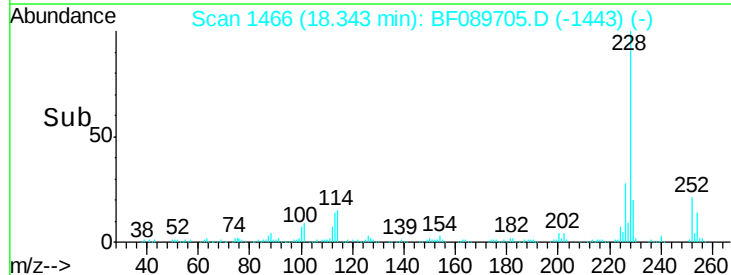
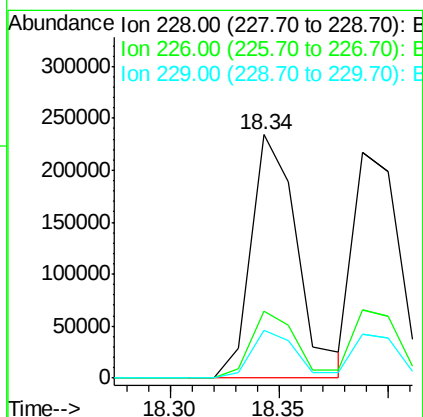
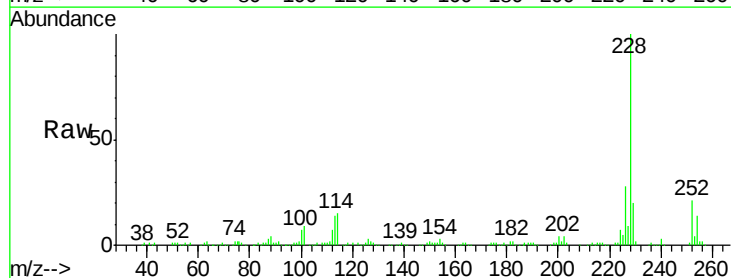
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMS

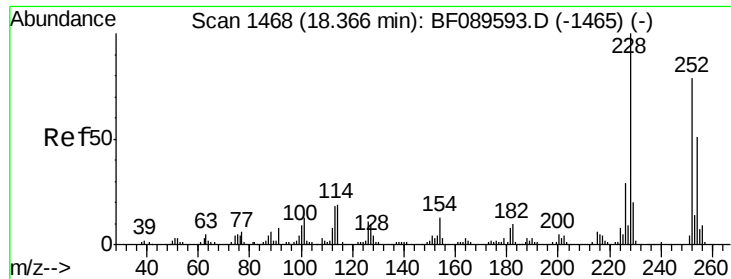
Tgt Ion:149 Resp: 218546
Ion Ratio Lower Upper
149 100
91 73.9 52.6 78.8
206 17.4 15.4 23.0



#80
Benzo(a)anthracene
Concen: 42.93 ng
RT: 18.34 min Scan# 1466
Delta R.T. -0.03 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Tgt Ion:228 Resp: 347992
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.8 15.9 23.9

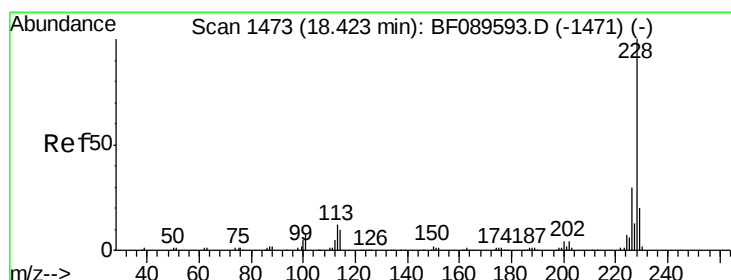
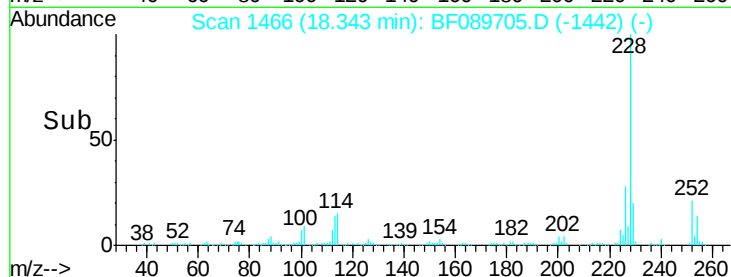
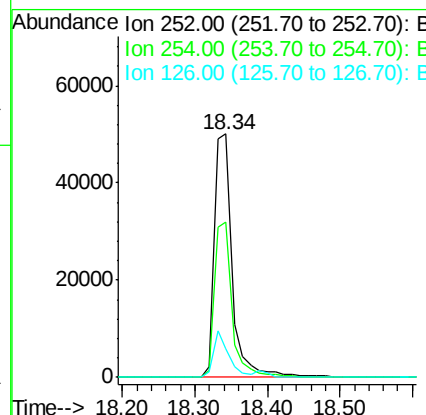
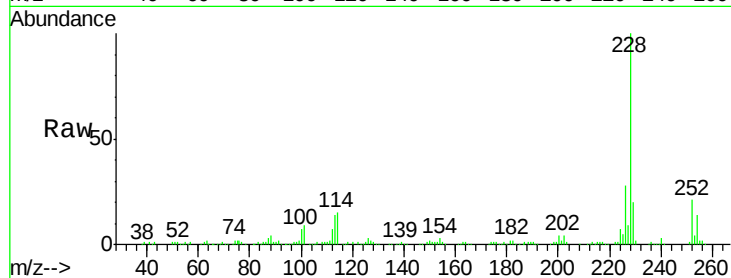




#81
 3,3'-Dichlorobenzidine
 Concen: 33.63 ng
 RT: 18.34 min Scan# 1466
 Delta R.T. -0.02 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

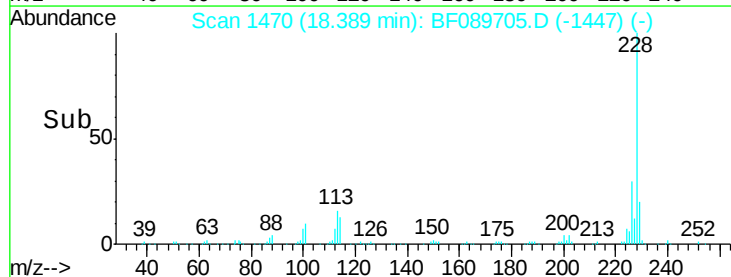
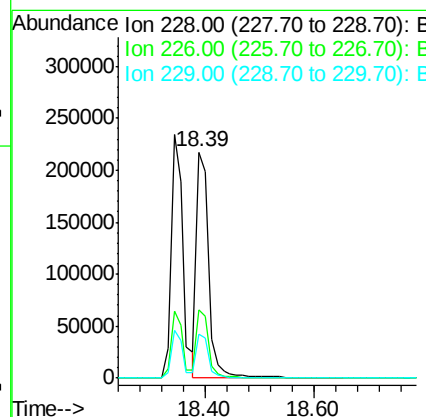
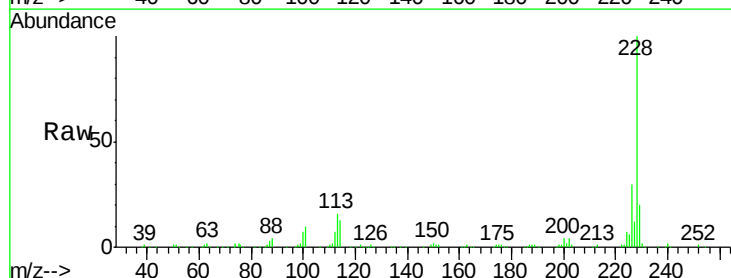
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

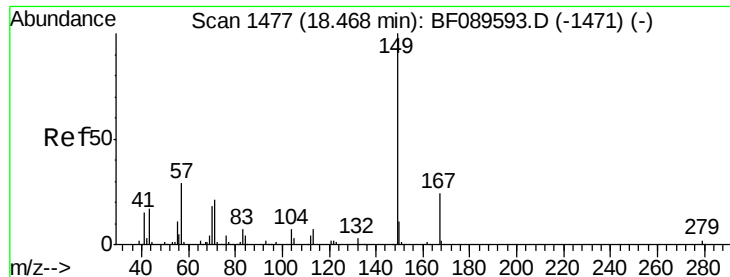
Tgt Ion:252 Resp: 85899
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.7 77.5
 126 12.0 11.0 16.4



#82
 Chrysene
 Concen: 39.81 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. -0.03 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion:228 Resp: 338536
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.2
 229 19.7 16.0 24.0

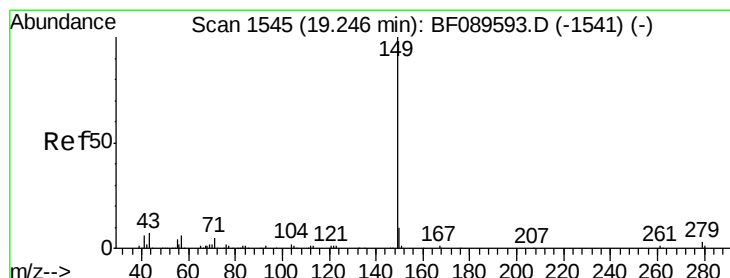
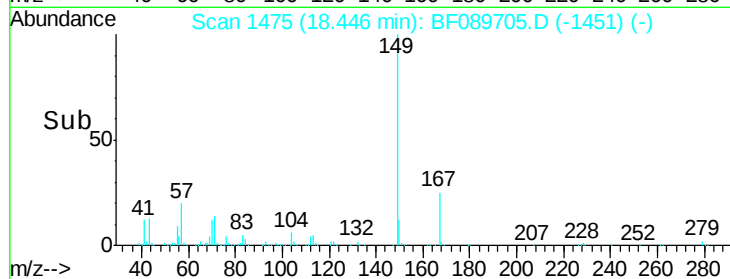
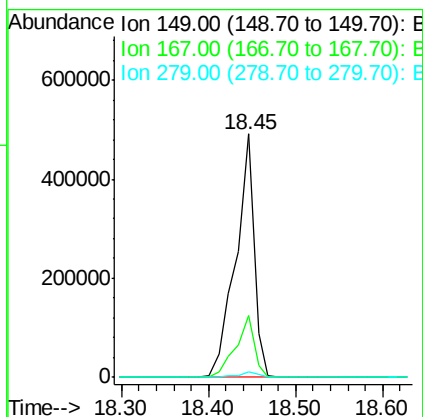
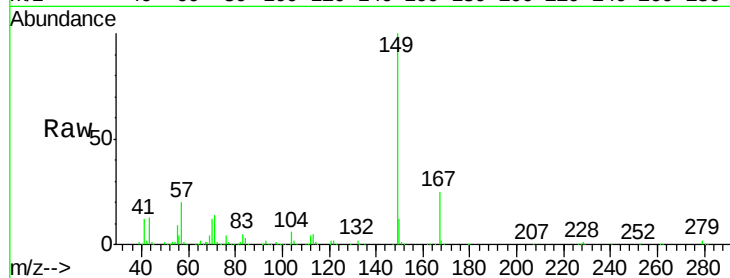




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 98.95 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.02 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

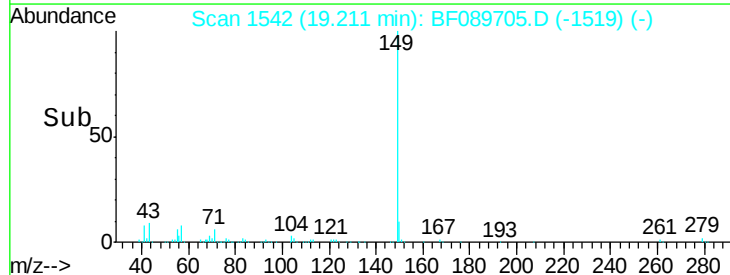
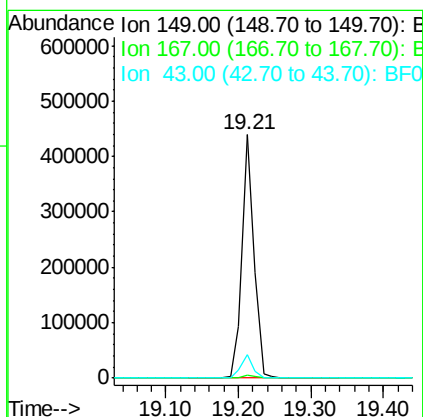
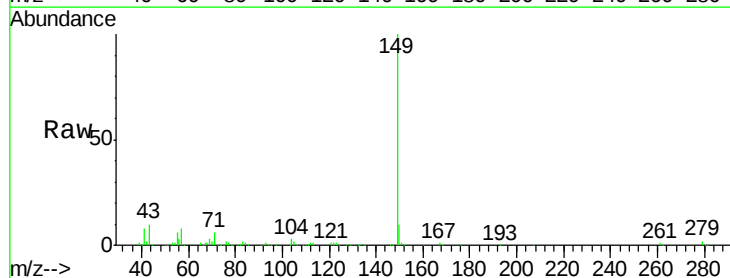
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

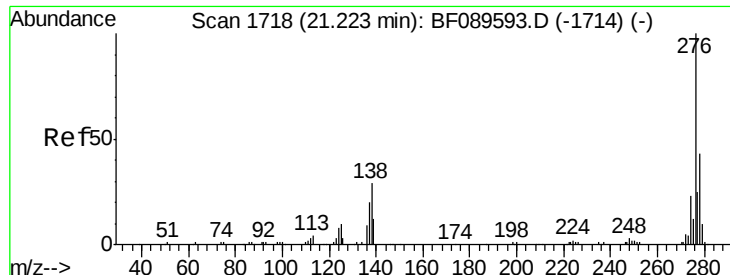
Tgt Ion:149 Resp: 727243
 Ion Ratio Lower Upper
 149 100
 167 25.2 19.0 28.4
 279 2.4 1.8 2.6



#84
 Di-n-octyl phthalate
 Concen: 48.25 ng
 RT: 19.21 min Scan# 1542
 Delta R.T. -0.03 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion:149 Resp: 510330
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.2 7.0 10.4

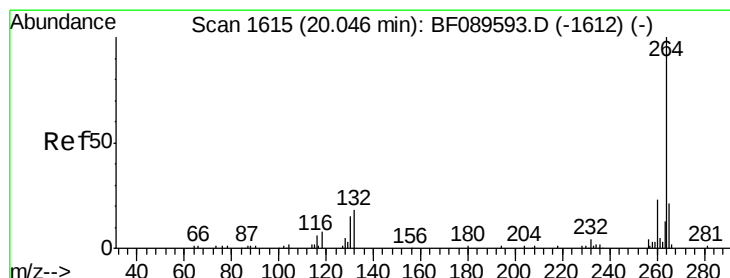
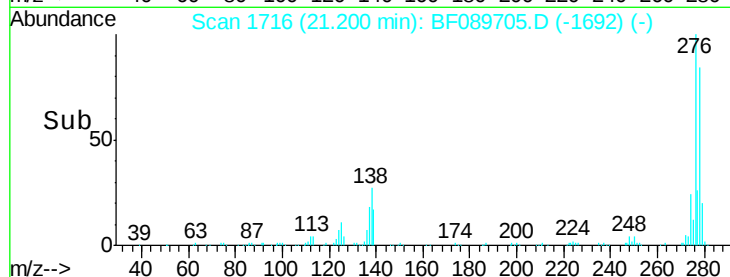
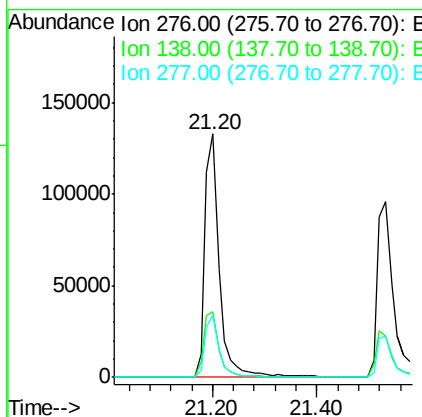
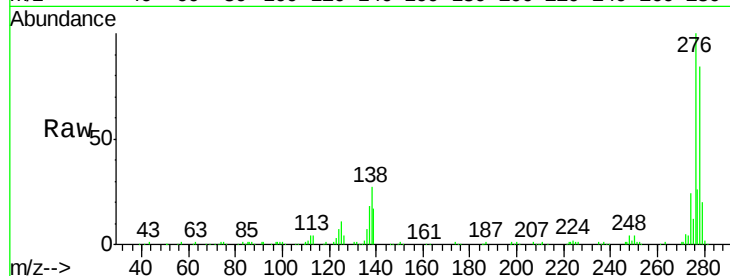




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.61 ng
 RT: 21.20 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

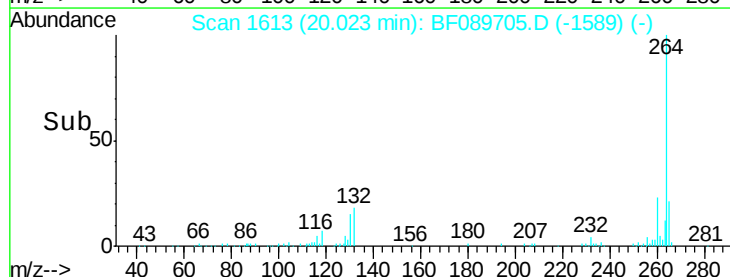
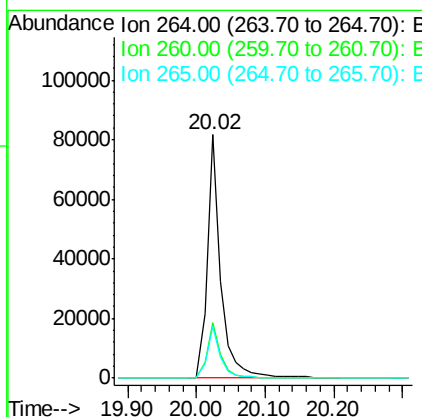
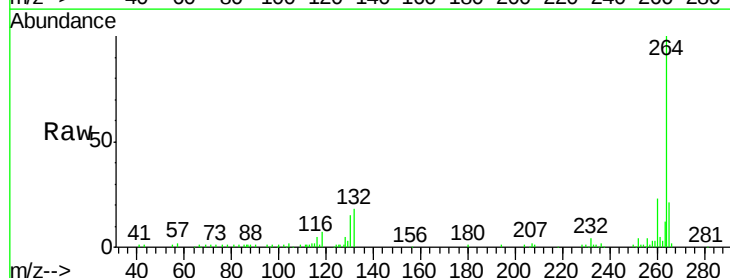
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMS

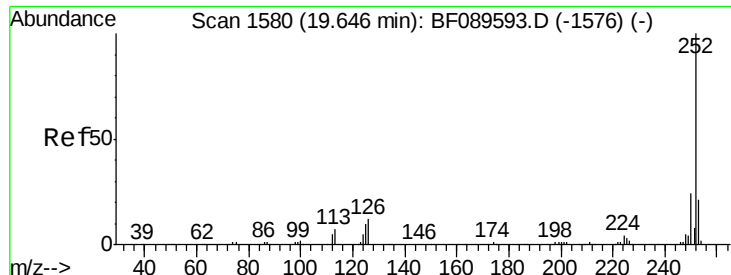
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	23.8	35.8
277	25.5	20.3	30.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.02 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF089705.D
 Acq: 10 Aug 2016 20:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.0	16.5	24.7

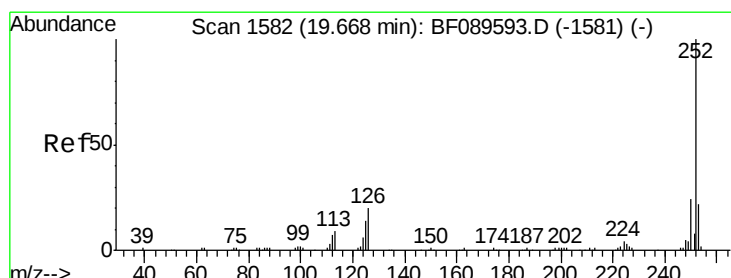
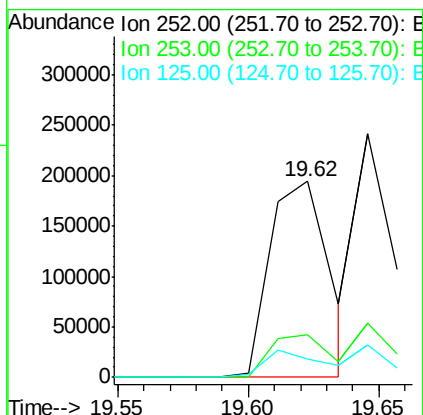
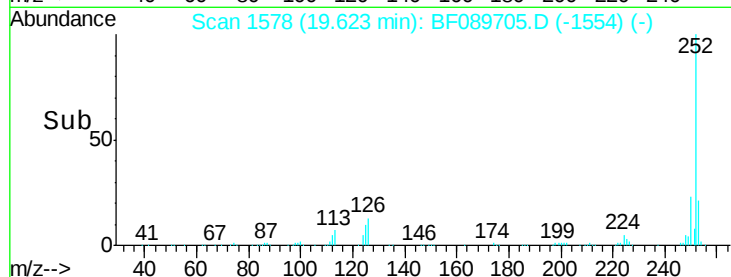
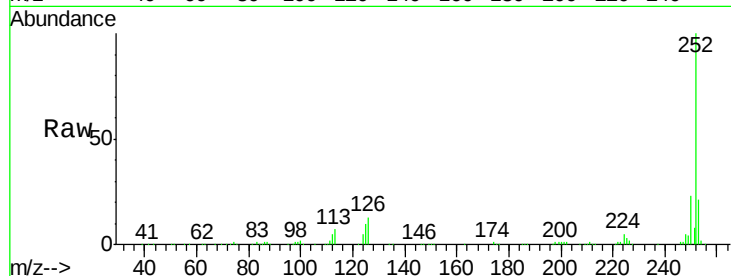




#87
Benzo(b)fluoranthene
Concen: 44.64 ng
RT: 19.62 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

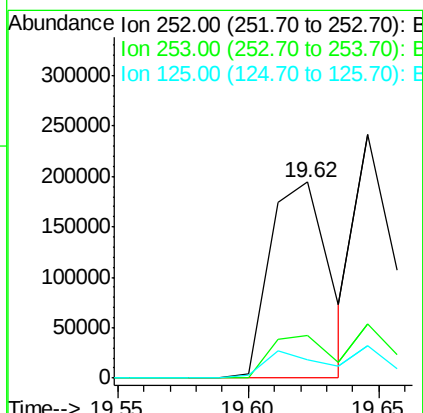
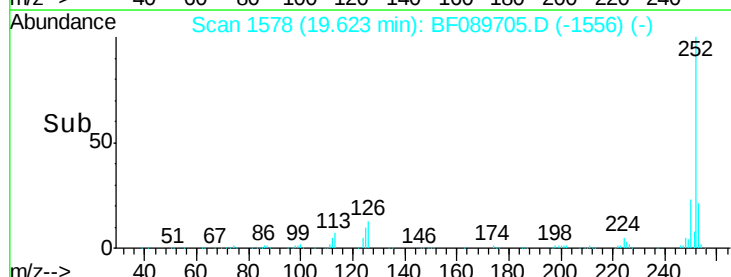
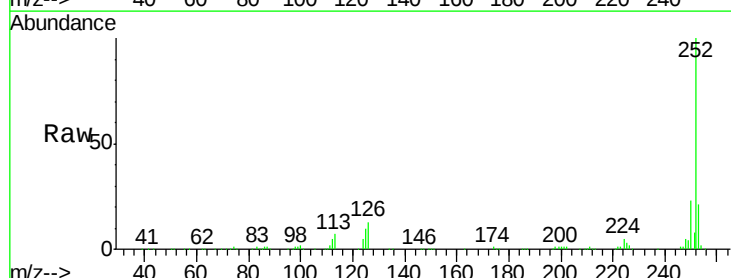
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMS

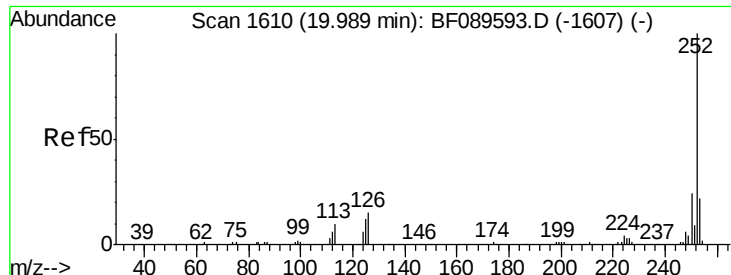
Tgt Ion: 252 Resp: 305568
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 9.6 7.8 11.8



#88
Benzo(k)fluoranthene
Concen: 44.25 ng
RT: 19.62 min Scan# 1578
Delta R.T. -0.05 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Tgt Ion: 252 Resp: 305568
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.6 11.0 16.6#

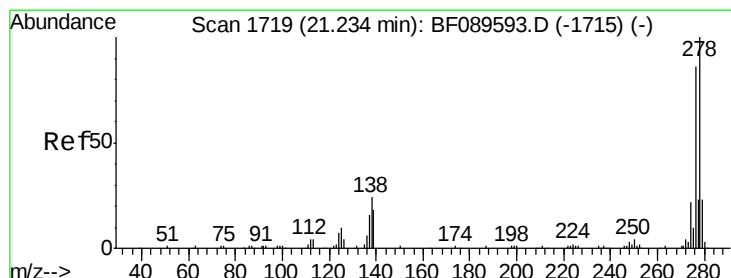
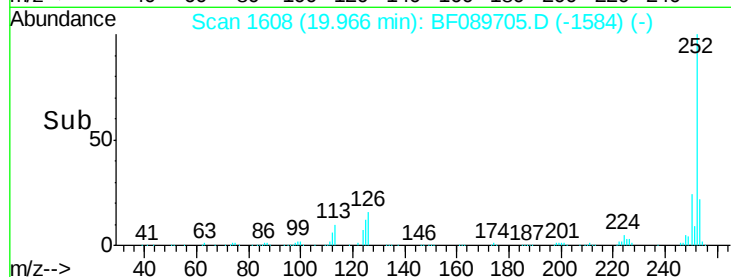
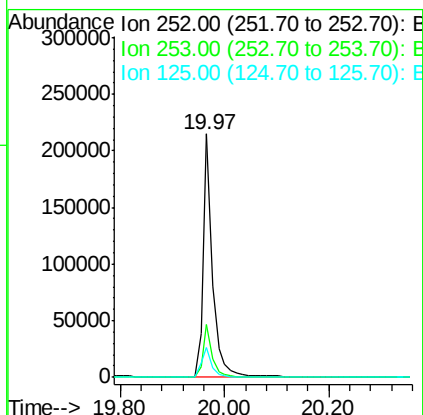
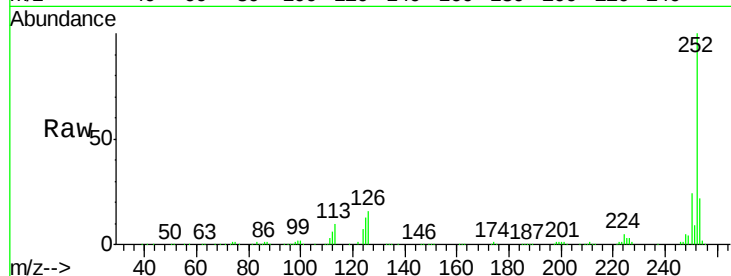




#89
Benzo(a)pyrene
Concen: 41.48 ng
RT: 19.97 min Scan# 1608
Delta R.T. -0.02 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

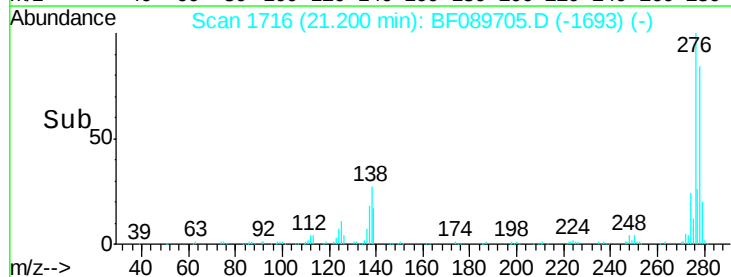
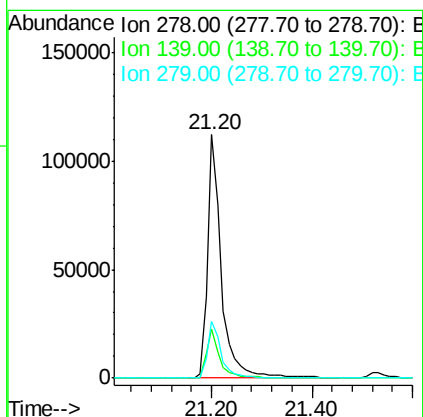
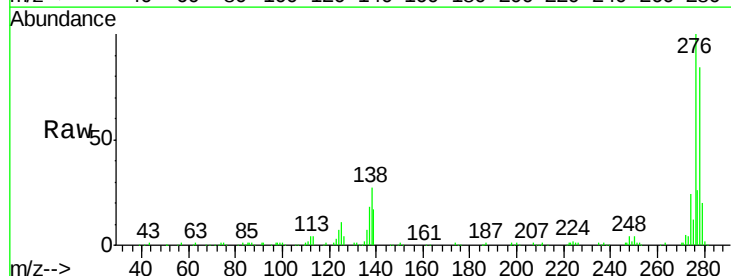
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMS

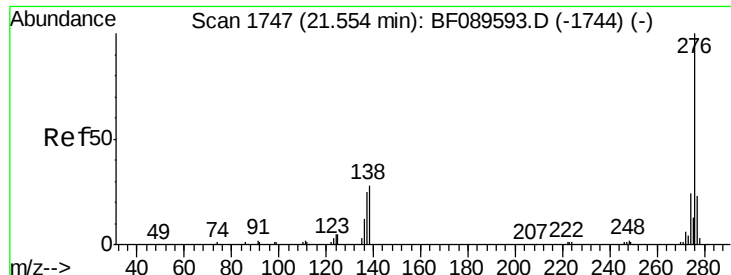
Tgt Ion: 252 Resp: 265837
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 12.5 9.9 14.9



#90
Dibenzo(a,h)anthracene
Concen: 35.76 ng
RT: 21.20 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BF089705.D
Acq: 10 Aug 2016 20:10

Tgt Ion: 278 Resp: 214110
Ion Ratio Lower Upper
278 100
139 19.9 14.6 21.8
279 23.3 18.4 27.6





#91

Benzo(g,h,i)perylene

Concen: 35.26 ng

RT: 21.53 min Scan# 1745

Delta R.T. -0.02 min

Lab File: BF089705.D

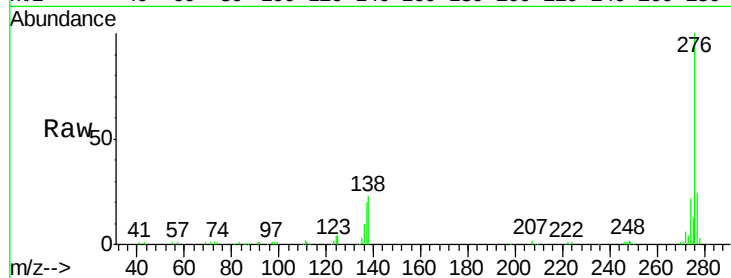
Acq: 10 Aug 2016 20:10

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMS



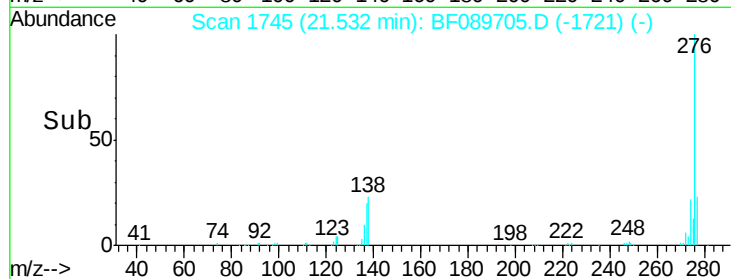
Tgt Ion: 276 Resp: 216099

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 23.5 22.6 33.8



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

