

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
 Data File : BF089706.D
 Acq On : 10 Aug 2016 20:41
 Operator : UM/SJ
 Sample : H4386-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 11 01:10:45 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	47919	20.00	ng	-0.05
21) Naphthalene-d8	9.43	136	205393	20.00	ng	-0.05
38) Acenaphthene-d10	12.25	164	97097	20.00	ng	-0.05
63) Phenanthrene-d10	14.65	188	185561	20.00	ng	-0.05
75) Chrysene-d12	18.37	240	149081	20.00	ng	-0.02
86) Perylene-d12	20.02	264	117971	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	330616	115.64	ng	-0.01
7) Phenol-d6	6.96	99	457679	118.01	ng	-0.02
23) Nitrobenzene-d5	8.32	82	292269	78.71	ng	-0.05
41) 2,4,6-Tribromophenol	13.55	330	92227	115.10	ng	-0.03
44) 2-Fluorobiphenyl	11.21	172	511732	68.49	ng	-0.05
78) Terphenyl-d14	17.02	244	453742	60.08	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	1.77	88	42269	25.79	ng	# 76
3) Pyridine	2.32	79	113806	37.79	ng	98
4) n-Nitrosodimethylamine	2.30	42	49278	38.77	ng	91
6) Aniline	6.90	93	112736	22.43	ng	96
8) 2-Chlorophenol	7.08	128	140535	40.04	ng	99
9) Benzaldehyde	6.72	77	34970	24.85	ng	96
10) Phenol	6.98	94	168439	42.30	ng	98
11) bis(2-Chloroethyl)ether	7.05	93	134774	39.40	ng	98
12) 1,3-Dichlorobenzene	7.30	146	133763	35.09	ng	98
13) 1,4-Dichlorobenzene	7.43	146	136347	35.86	ng	99
14) 1,2-Dichlorobenzene	7.66	146	139162	34.72	ng	100
15) Benzyl Alcohol	7.70	79	109611	43.10	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.91	45	158633	36.41	ng	# 54
17) 2-Methylphenol	7.93	107	112414	44.35	ng	# 88
18) Hexachloroethane	8.18	117	54203	33.83	ng	96
19) n-Nitroso-di-n-propylamine	8.14	70	107494	38.37	ng	96
20) 3+4-Methylphenols	8.18	107	134078	41.90	ng	99
22) Acetophenone	8.09	105	165702	33.84	ng	99
24) Nitrobenzene	8.35	77	142265	40.34	ng	91
25) Isophorone	8.74	82	282227	39.69	ng	100
26) 2-Nitrophenol	8.86	139	64503	39.85	ng	92
27) 2,4-Dimethylphenol	9.00	122	119407	41.03	ng	95
28) bis(2-Chloroethoxy)methane	9.13	93	172624	40.13	ng	99
29) 2,4-Dichlorophenol	9.28	162	108122	39.27	ng	98
30) 1,2,4-Trichlorobenzene	9.36	180	116538	37.06	ng	98
31) Naphthalene	9.46	128	399324	36.58	ng	99
33) 4-Chloroaniline	9.61	127	92371	22.53	ng	97
34) Hexachlorobutadiene	9.68	225	62321	34.41	ng	100
35) Caprolactam	10.22	113	34468	42.95	ng	92
36) 4-Chloro-3-methylphenol	10.48	107	128908	40.27	ng	94
37) 2-Methylnaphthalene	10.59	142	260665	38.83	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.87	216	101882	27.92	ng	99
40) Hexachlorocyclopentadiene	10.85	237	73024	60.33	ng	99
42) 2,4,6-Trichlorophenol	11.10	196	62410	34.67	ng	99

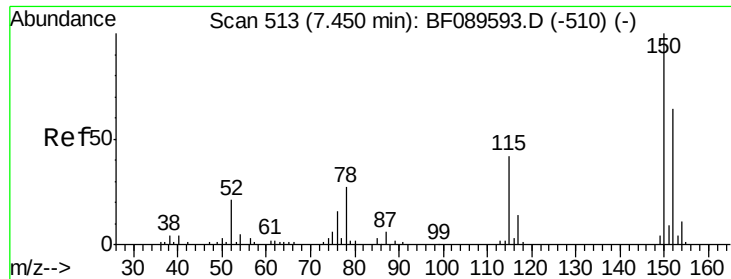
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.18	196	75674	39.34	ng	96
45) 1,1'-Biphenyl	11.36	154	284684	32.51	ng	100
46) 2-Chloronaphthalene	11.37	162	244643	37.26	ng	99
47) 2-Nitroaniline	11.59	65	79553	37.59	ng	96
48) Acenaphthylene	12.02	152	403818	37.34	ng	100
49) Dimethylphthalate	11.92	163	396988	52.16	ng	99
50) 2,6-Dinitrotoluene	12.01	165	64032	42.32	ng	90
51) Acenaphthene	12.31	154	235837	37.76	ng	99
52) 3-Nitroaniline	12.27	138	56133	31.02	ng	99
54) Dibenzofuran	12.59	168	355309	41.38	ng	99
55) 4-Nitrophenol	12.59	139	136529	Below Cal	#	22
56) 2,4-Dinitrotoluene	12.66	165	88658	41.66	ng	# 85
57) Fluorene	13.14	166	284708	38.79	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.83	232	50720	34.73	ng	98
59) Diethylphthalate	13.06	149	312945	39.76	ng	98
60) 4-Chlorophenyl-phenylether	13.18	204	130013	38.63	ng	97
61) 4-Nitroaniline	13.27	138	63295	38.90	ng	93
62) Azobenzene	13.44	77	343581	45.14	ng	99
64) 4,6-Dinitro-2-methylphenol	13.34	198	10888	13.87	ng	98
65) n-Nitrosodiphenylamine	13.39	169	246321	39.30	ng	99
66) 4-Bromophenyl-phenylether	13.97	248	72959	40.65	ng	98
67) Hexachlorobenzene	14.03	284	72693	36.82	ng	# 80
68) Atrazine	14.31	200	75520	43.16	ng	98
69) Pentachlorophenol	14.39	266	30539	38.39	ng	98
70) Phenanthrene	14.69	178	401243	39.77	ng	99
71) Anthracene	14.78	178	429216	39.68	ng	99
72) Carbazole	15.06	167	382919	42.47	ng	99
73) Di-n-butylphthalate	15.66	149	485473	39.81	ng	99
74) Fluoranthene	16.46	202	418501	40.35	ng	100
76) Benzidine	16.70	184	207739	45.97	ng	98
77) Pyrene	16.75	202	427871	32.46	ng	98
79) Butylbenzylphthalate	17.69	149	208565	37.18	ng	90
80) Benzo(a)anthracene	18.34	228	323988	37.82	ng	100
81) 3,3'-Dichlorobenzidine	18.33	252	74972	27.78	ng	# 96
82) Chrysene	18.39	228	341465	38.00	ng	100
83) Bis(2-ethylhexyl)phthalate	18.45	149	742752	95.64	ng	98
84) Di-n-octyl phthalate	19.21	149	483700	43.28	ng	99
85) Indeno(1,2,3-cd)pyrene	21.20	276	248895	36.48	ng	99
87) Benzo(b)fluoranthene	19.61	252	298356	41.12	ng	# 95
88) Benzo(k)fluoranthene	19.61	252	298356	40.76	ng	98
89) Benzo(a)pyrene	19.97	252	265091	39.02	ng	100
90) Dibenzo(a,h)anthracene	21.20	278	209293	32.98	ng	97
91) Benzo(g,h,i)perylene	21.53	276	202454	31.16	ng	# 94

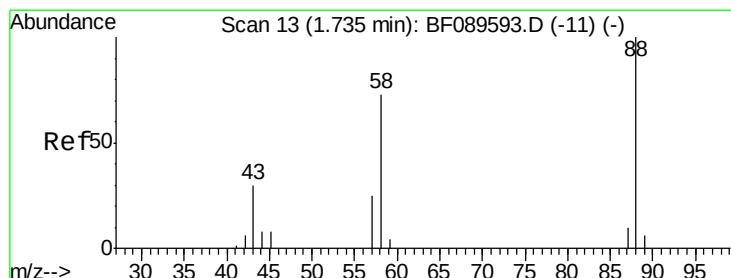
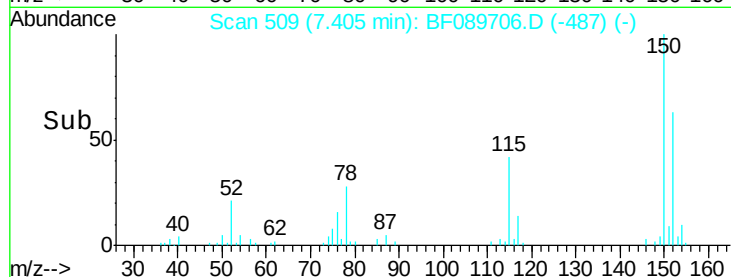
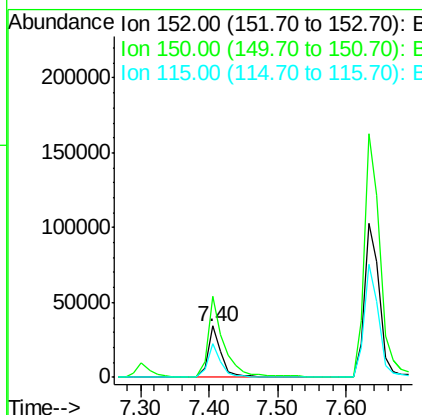
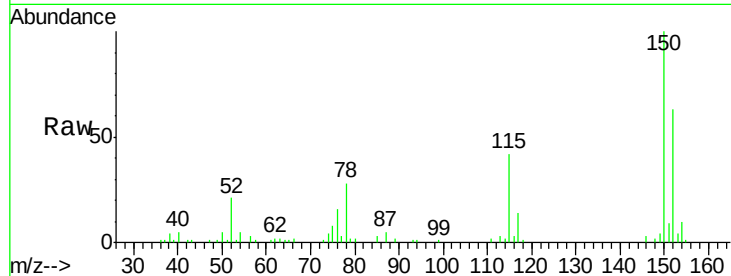
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.05 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

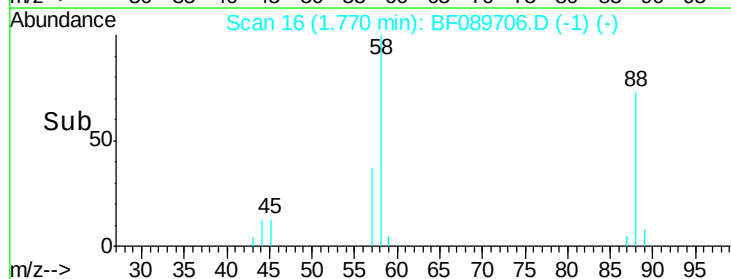
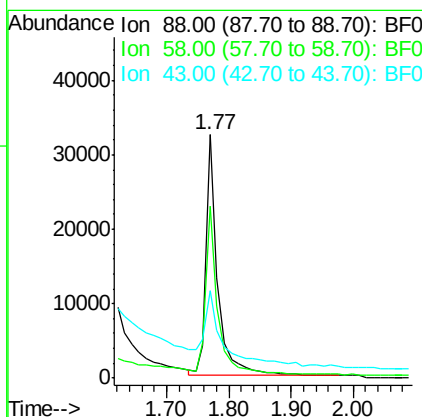
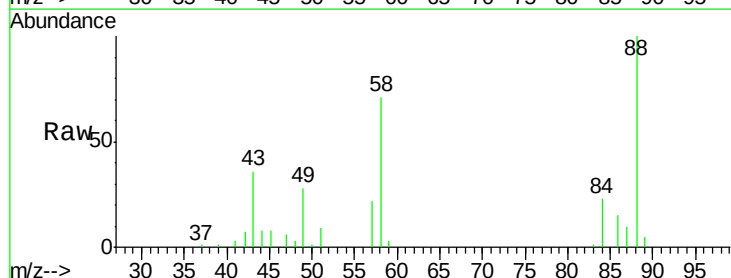
Instrument :
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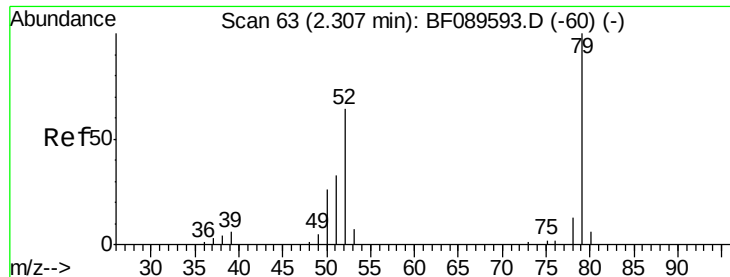
Tgt Ion: 152 Resp: 47919
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.5 188.3
 115 66.5 52.0 78.0



#2
 1,4-Dioxane
 Concen: 25.79 ng
 RT: 1.77 min Scan# 16
 Delta R.T. 0.03 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion: 88 Resp: 42269
 Ion Ratio Lower Upper
 88 100
 58 73.8 49.8 74.8
 43 48.6 20.1 30.1#





#3

Pyridine

Concen: 37.79 ng

RT: 2.32 min Scan# 64

Delta R.T. 0.01 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

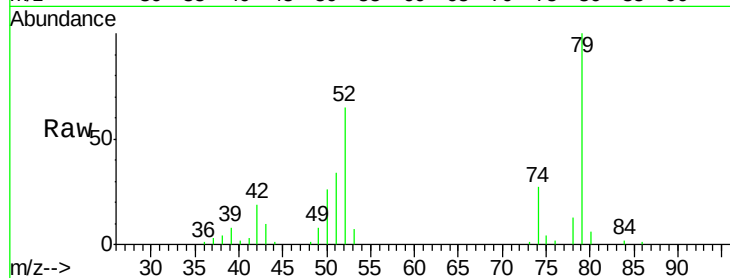
Tgt Ion: 79 Resp: 113806

Ion Ratio Lower Upper

79 100

52 65.0 51.0 76.4

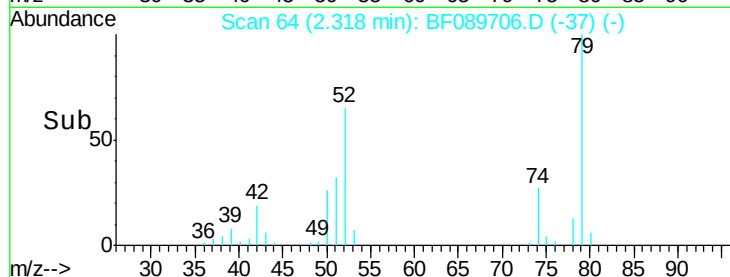
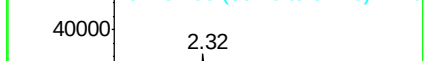
51 33.8 27.9 41.9



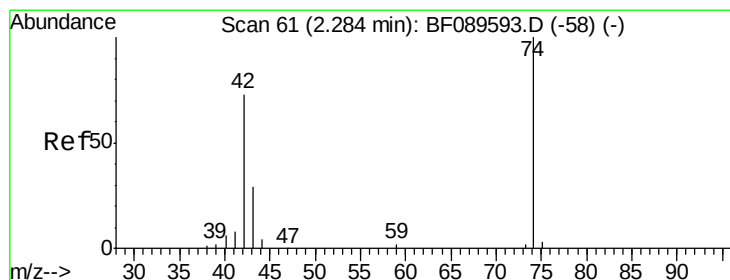
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



Time-->



#4

n-Nitrosodimethylamine

Concen: 38.77 ng

RT: 2.30 min Scan# 62

Delta R.T. 0.01 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

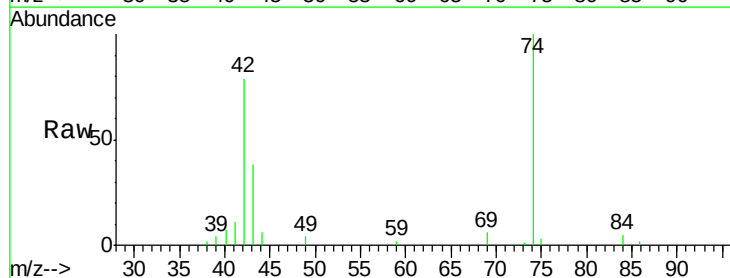
Tgt Ion: 42 Resp: 49278

Ion Ratio Lower Upper

42 100

74 126.0 110.0 165.0

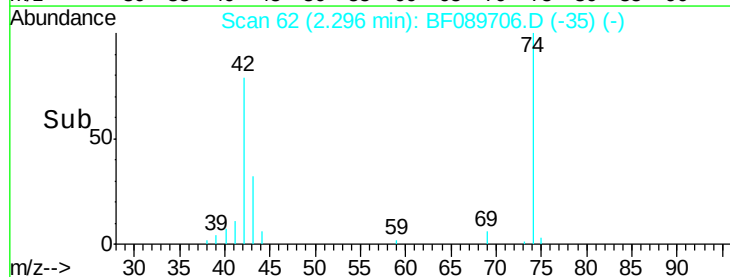
44 7.0 4.8 7.2



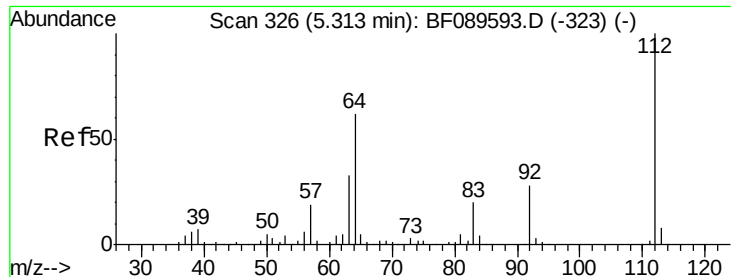
Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



Time-->



#5

2-Fluorophenol

Concen: 115.64 ng

RT: 5.30 min Scan# 325

Delta R.T. -0.01 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

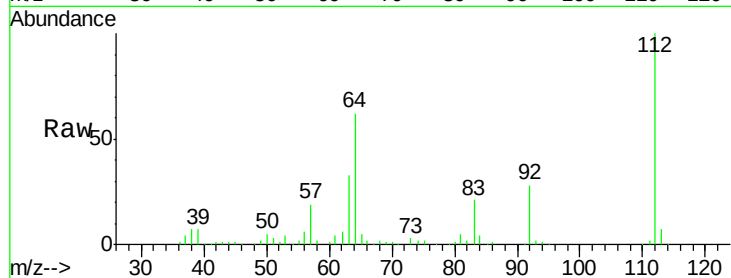
Tgt Ion: 112 Resp: 330616

Ion Ratio Lower Upper

112 100

64 62.4 49.9 74.9

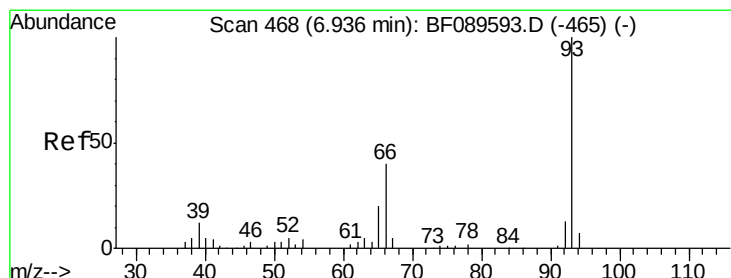
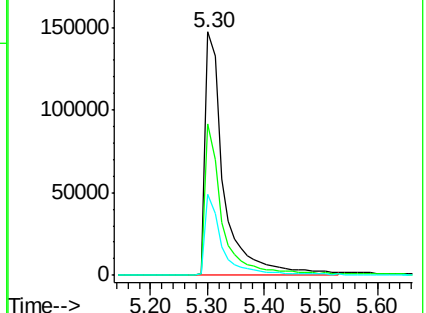
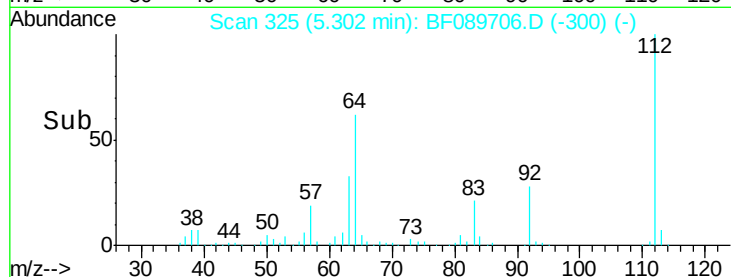
63 33.4 26.1 39.1



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: 22.43 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.03 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

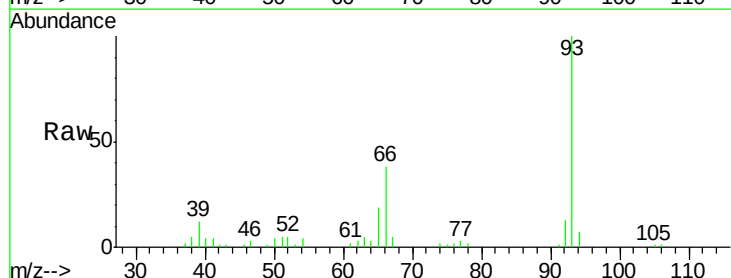
Tgt Ion: 93 Resp: 112736

Ion Ratio Lower Upper

93 100

66 37.7 32.2 48.2

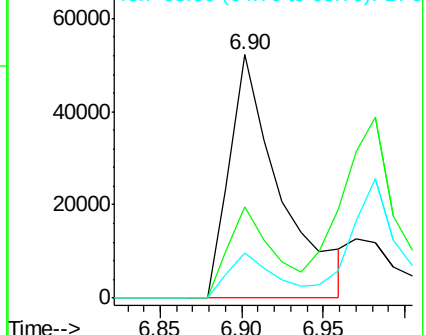
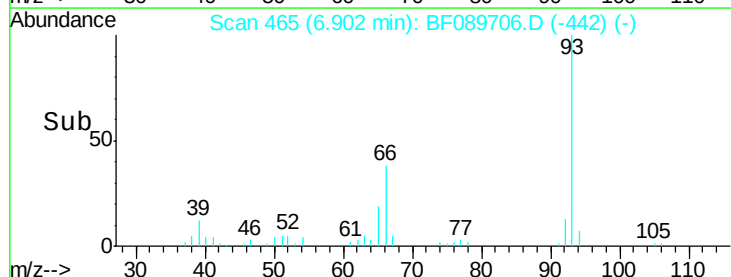
65 18.6 15.8 23.8

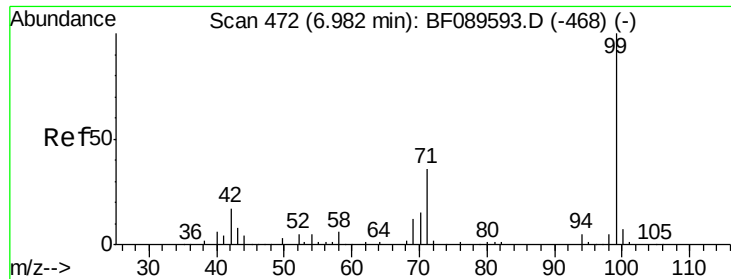


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.01 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089706.D

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Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

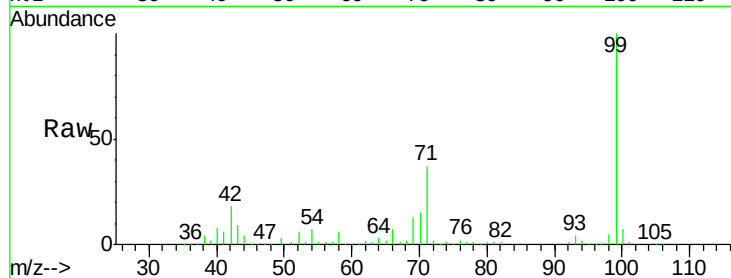
Tgt Ion: 99 Resp: 457679

Ion Ratio Lower Upper

99 100

42 18.1 13.7 20.5

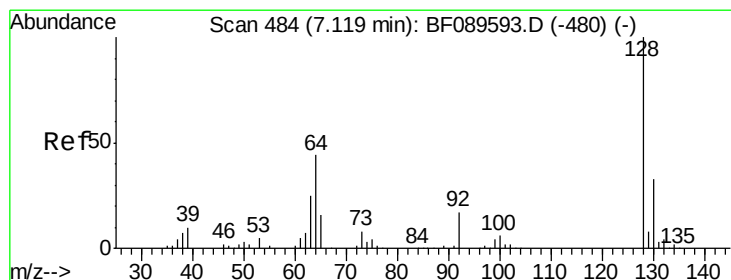
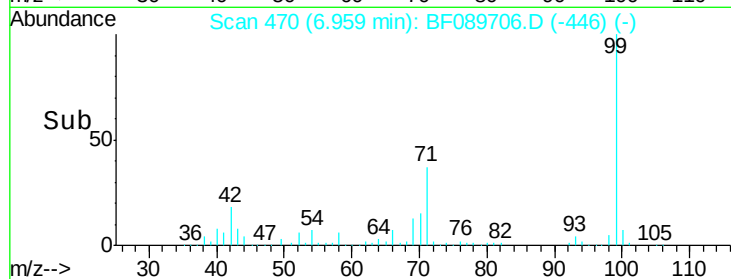
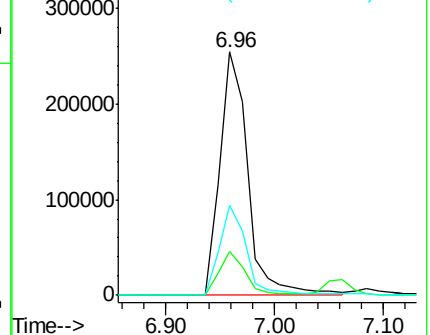
71 36.9 29.0 43.4



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: 40.04 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

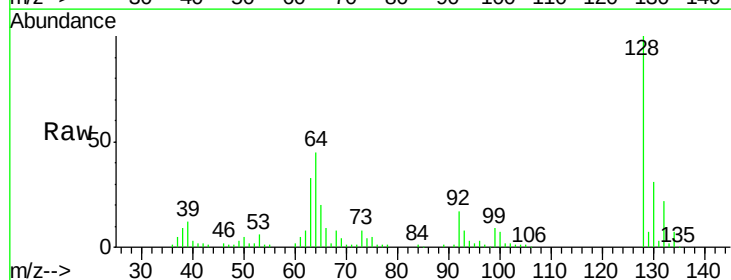
Tgt Ion: 128 Resp: 140535

Ion Ratio Lower Upper

128 100

130 31.0 12.6 52.6

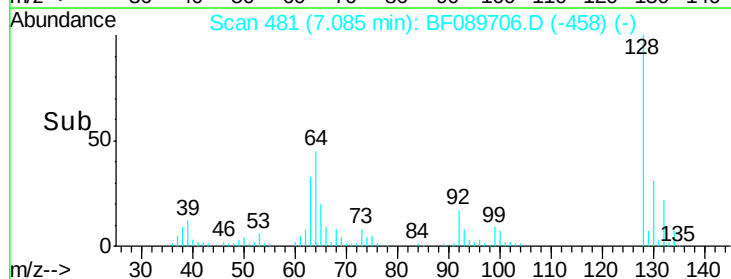
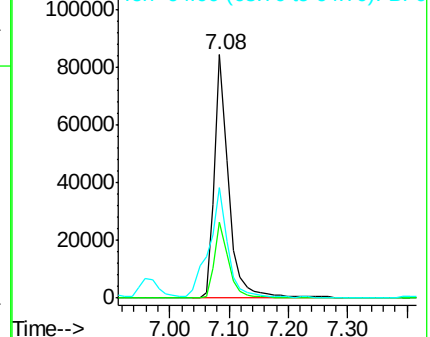
64 45.2 25.3 65.3

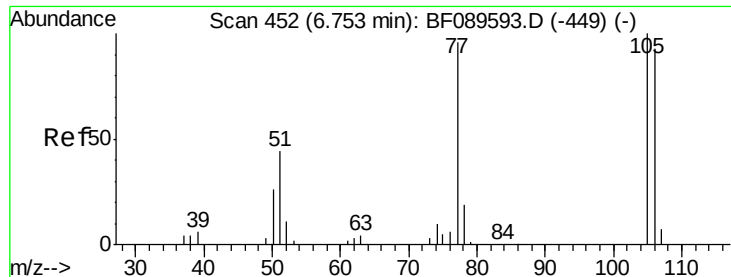


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

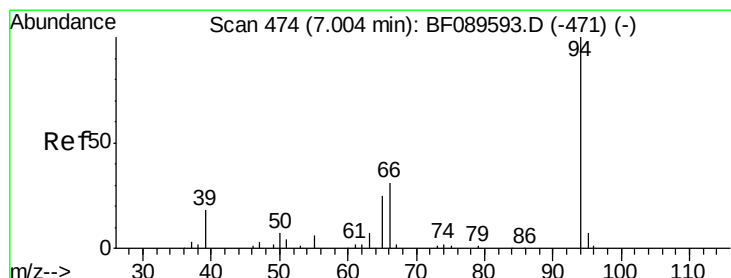
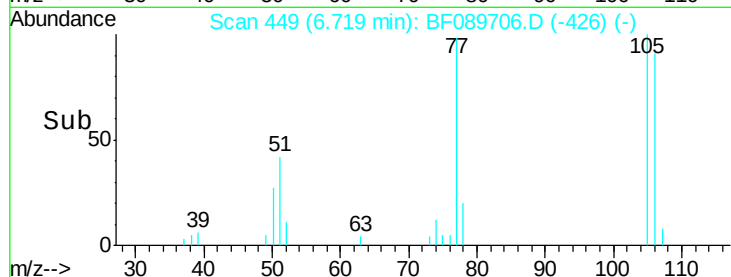
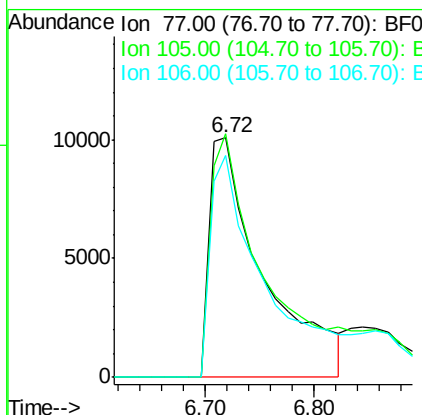
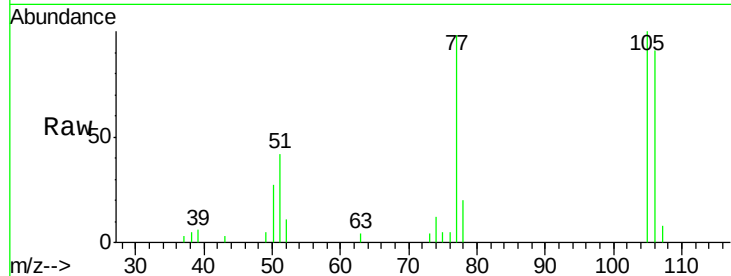




#9
Benzaldehyde
Concen: 24.85 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

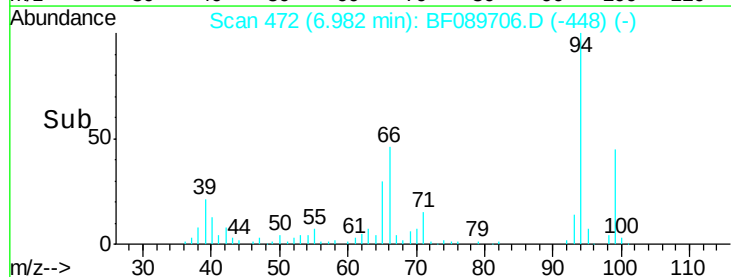
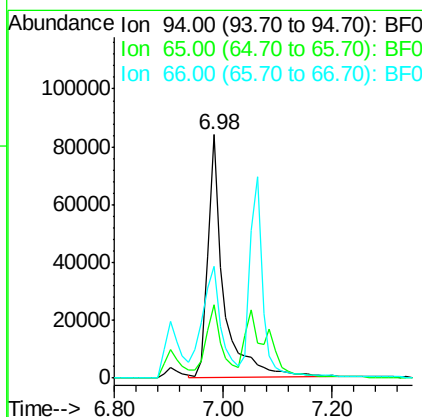
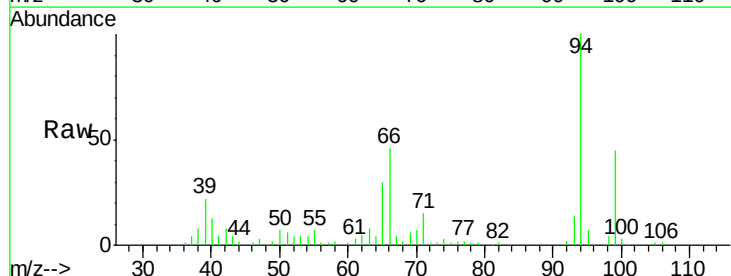
Instrument :
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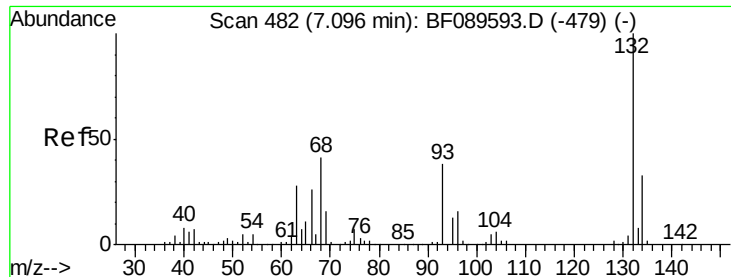
Tgt Ion: 77 Resp: 34970
Ion Ratio Lower Upper
77 100
105 101.7 84.7 124.7
106 92.6 77.1 117.1



#10
Phenol
Concen: 42.30 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion: 94 Resp: 168439
Ion Ratio Lower Upper
94 100
65 30.3 11.0 51.0
66 46.1 27.4 67.4





#11

bis(2-Chloroethyl)ether

Concen: 39.40 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.04 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

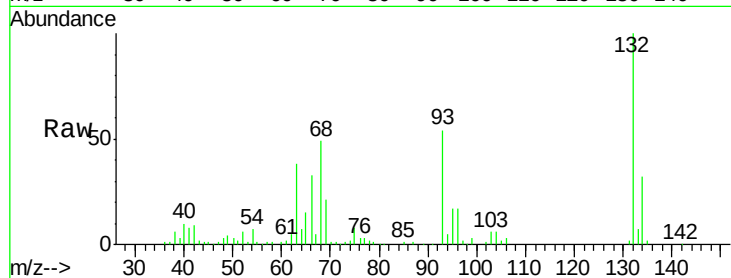
Tgt Ion: 93 Resp: 134774

Ion Ratio Lower Upper

93 100

63 70.7 52.2 92.2

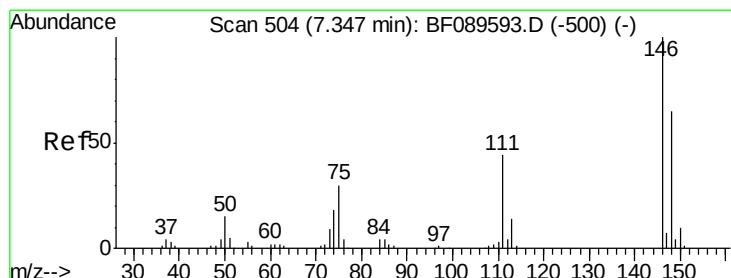
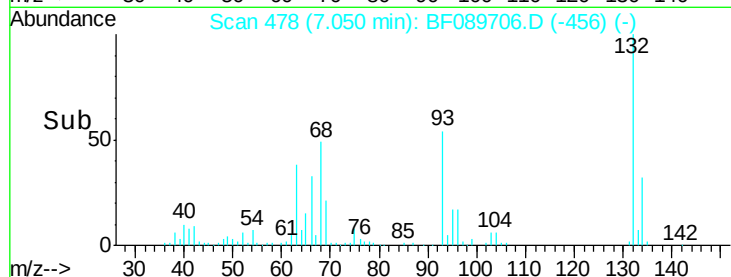
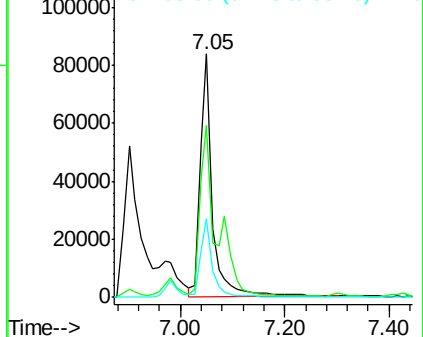
95 32.3 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.09 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

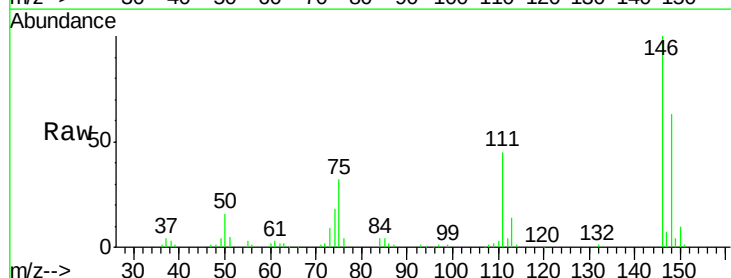
Tgt Ion: 146 Resp: 133763

Ion Ratio Lower Upper

146 100

148 63.4 52.1 78.1

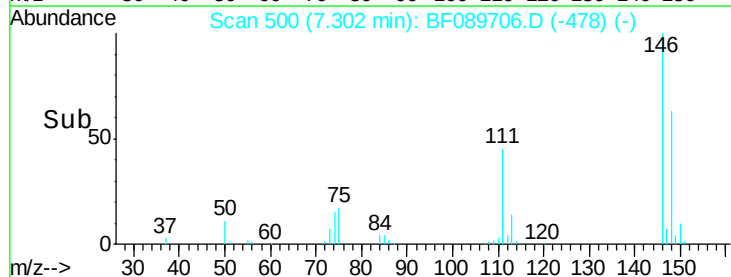
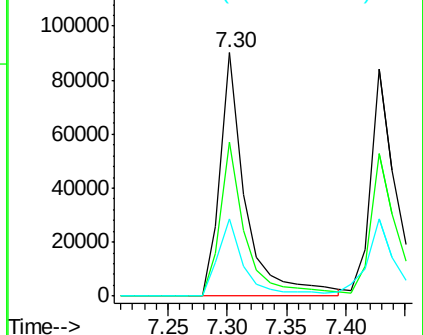
75 31.7 24.1 36.1

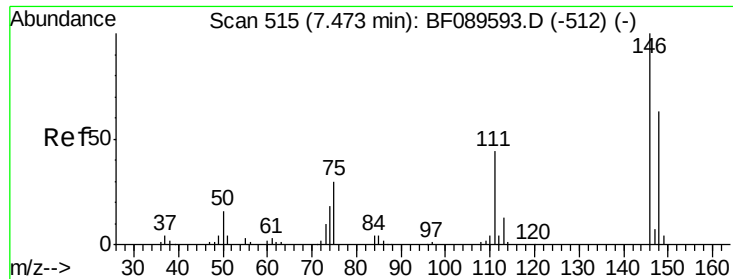


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

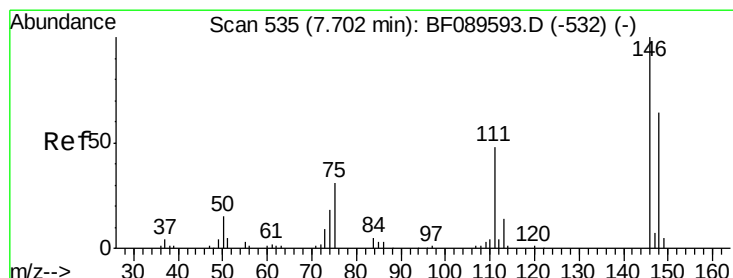
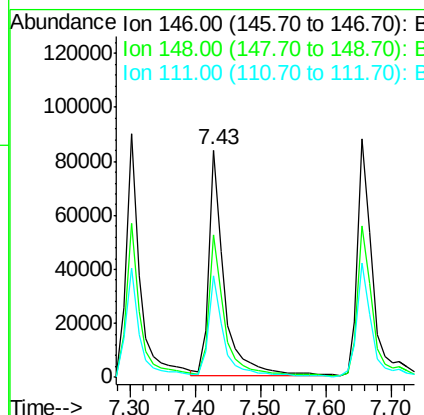
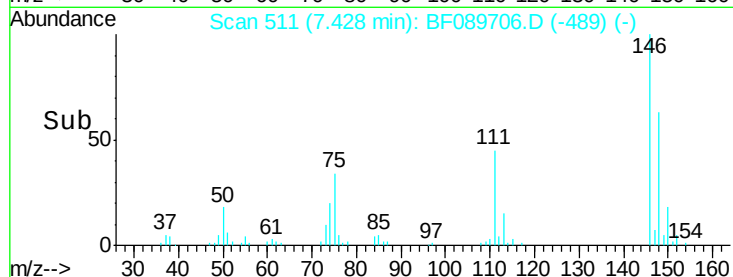
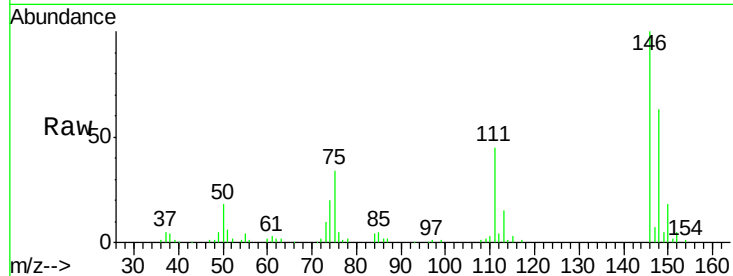




#13
 1,4-Dichlorobenzene
 Concen: 35.86 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.05 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

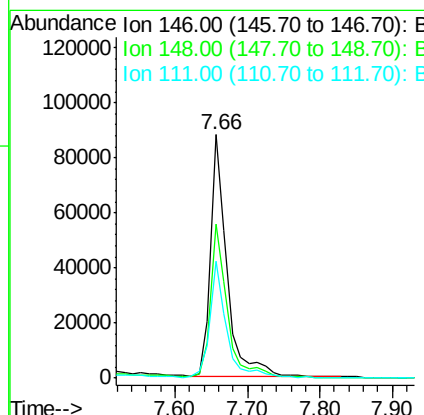
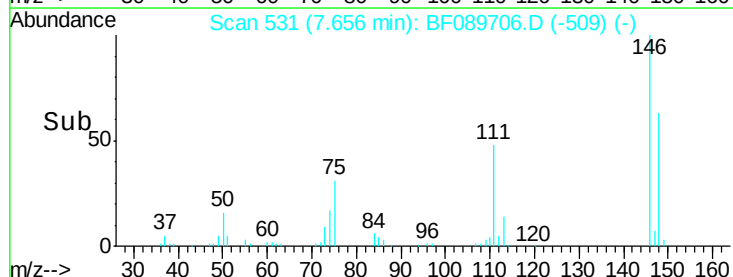
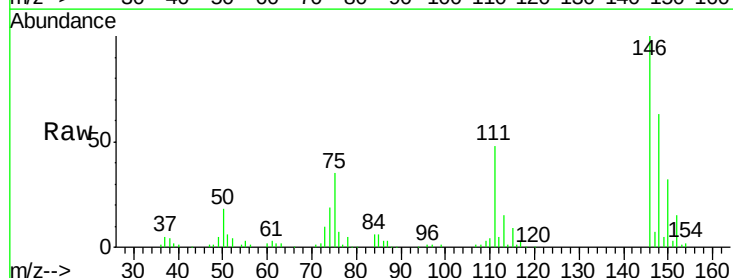
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMSD

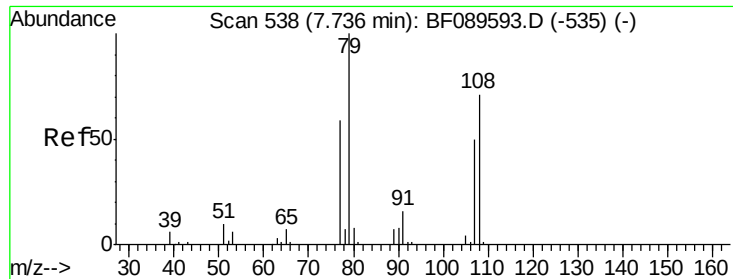
Tgt Ion:146 Resp: 136347
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.4 75.6
 111 44.8 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 34.72 ng
 RT: 7.66 min Scan# 531
 Delta R.T. -0.05 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion:146 Resp: 139162
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.6
 111 48.2 38.5 57.7

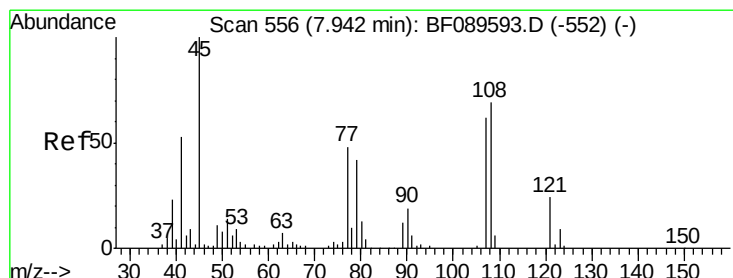
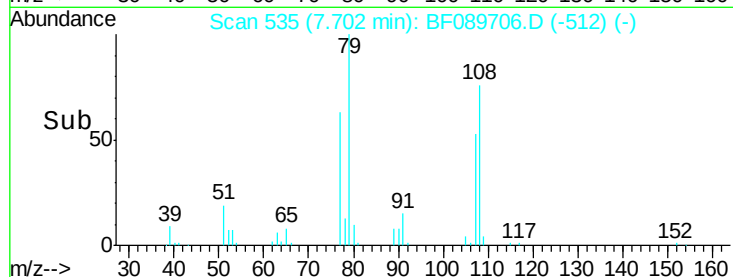
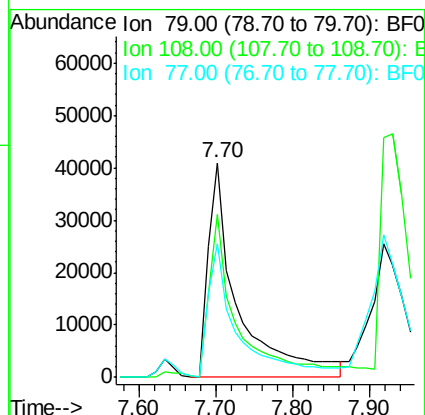
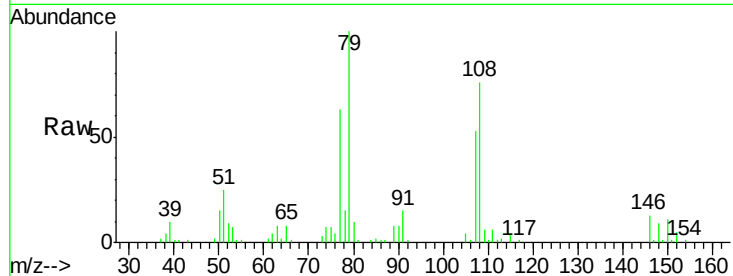




#15
Benzyl Alcohol
Concen: 43.10 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

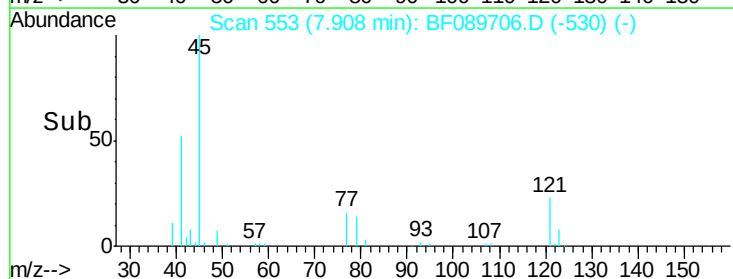
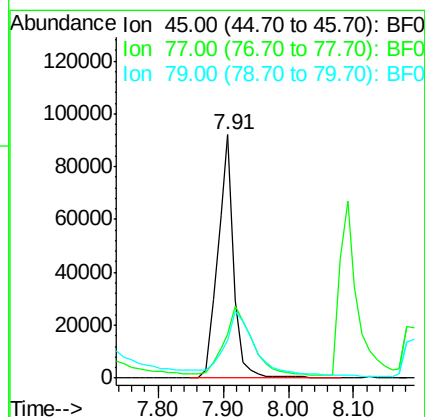
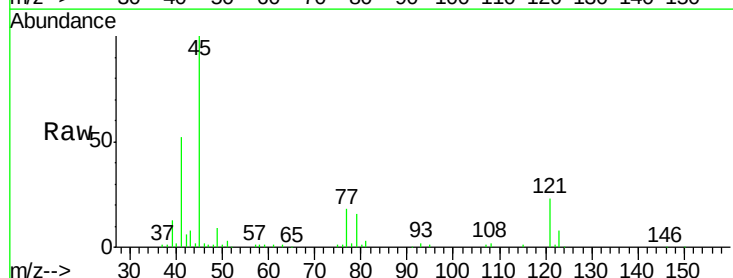
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMSD

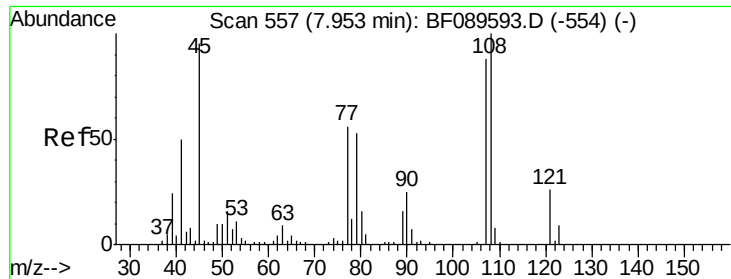
Tgt Ion: 79 Resp: 109611
Ion Ratio Lower Upper
79 100
108 76.2 58.3 87.5
77 62.6 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.41 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.03 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion: 45 Resp: 158633
Ion Ratio Lower Upper
45 100
77 17.9 30.1 70.1#
79 15.6 25.5 65.5#

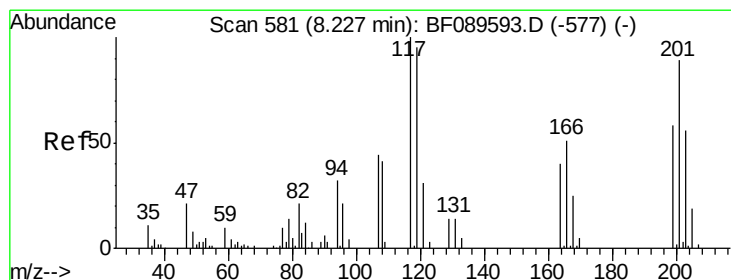
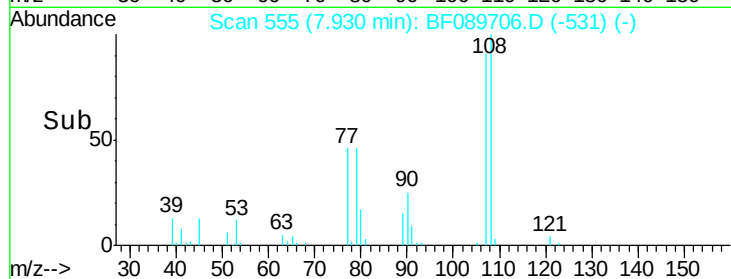
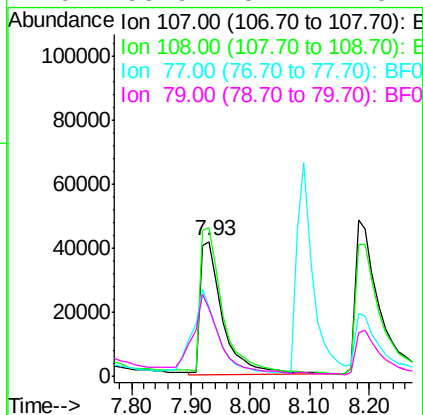
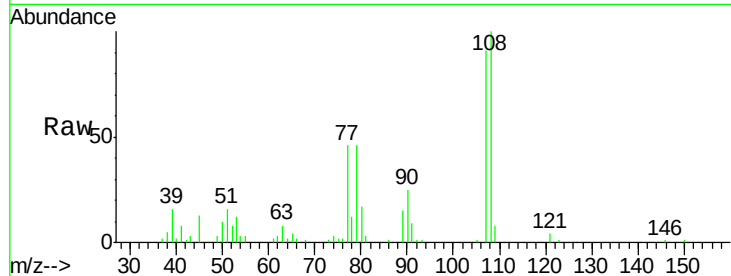




#17
2-Methylphenol
Concen: 44.35 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

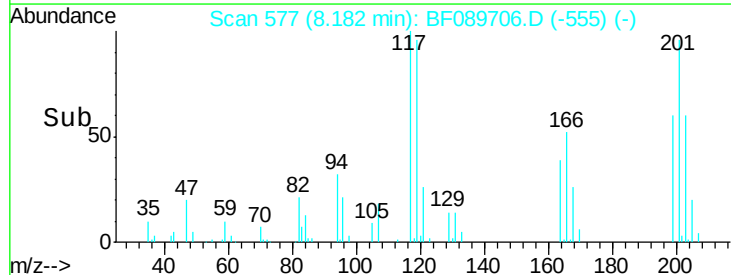
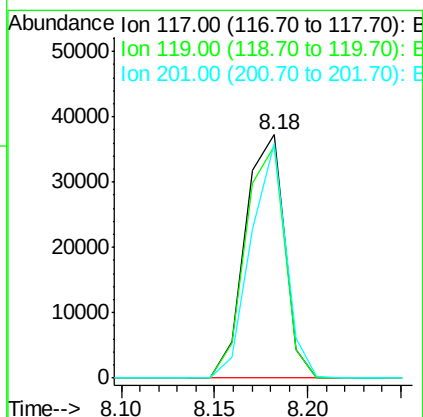
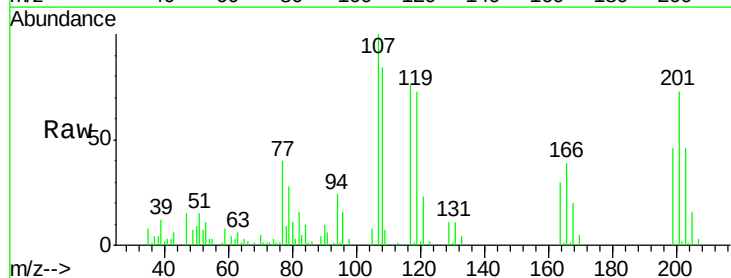
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMSD

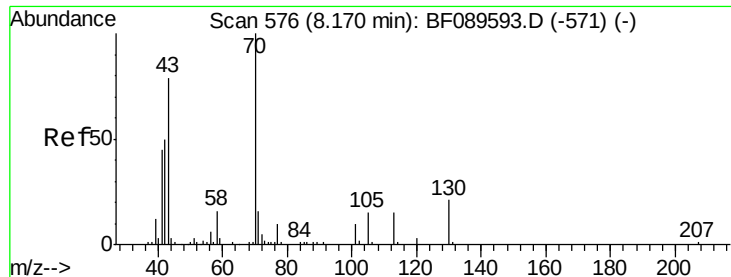
Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.3	91.2	136.8
77	51.2	54.6	82.0#
79	50.9	52.7	79.1#



#18
Hexachloroethane
Concen: 33.83 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.05 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.7	113.5
201	96.3	71.6	107.4

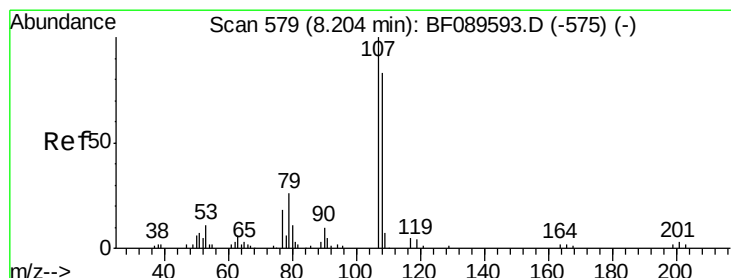
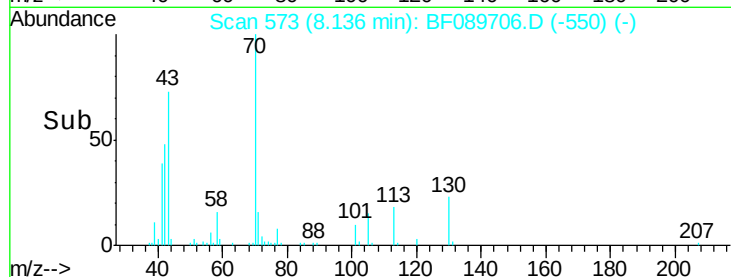
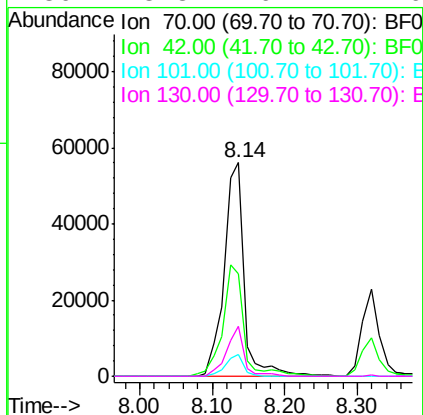
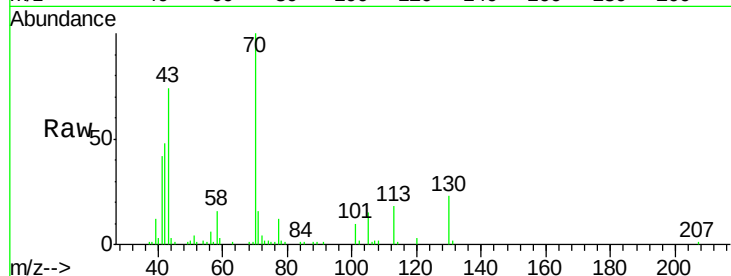




#19
n-Nitroso-di-n-propylamine
Concen: 38.37 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.03 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

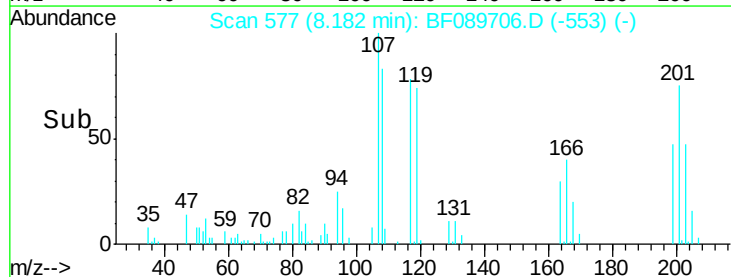
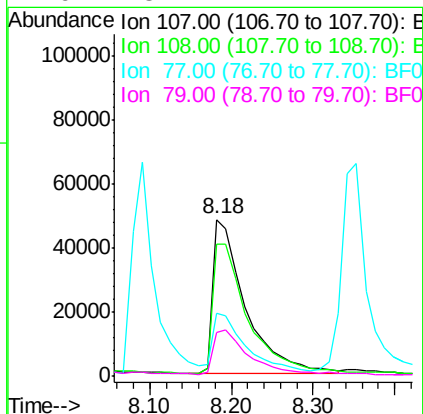
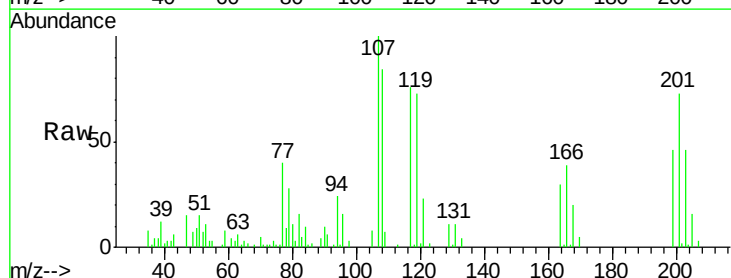
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMSD

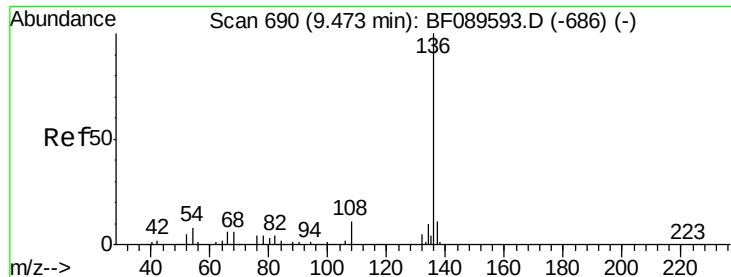
Tgt Ion:	70	Resp:	107494
Ion	Ratio	Lower	Upper
70	100		
42	47.8	40.2	60.2
101	10.2	7.8	11.6
130	23.3	16.4	24.6



#20
3+4-Methylphenols
Concen: 41.90 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion:	107	Resp:	134078
Ion	Ratio	Lower	Upper
107	100		
108	84.0	63.8	103.8
77	39.8	19.5	59.5
79	28.1	7.1	47.1

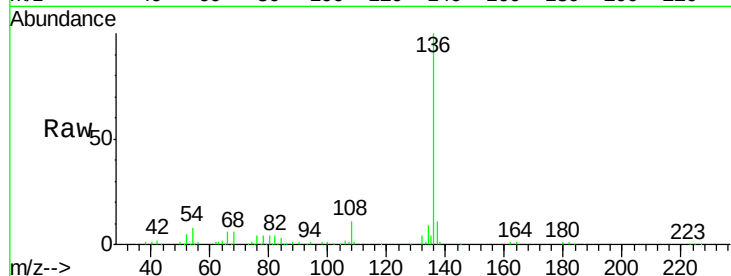




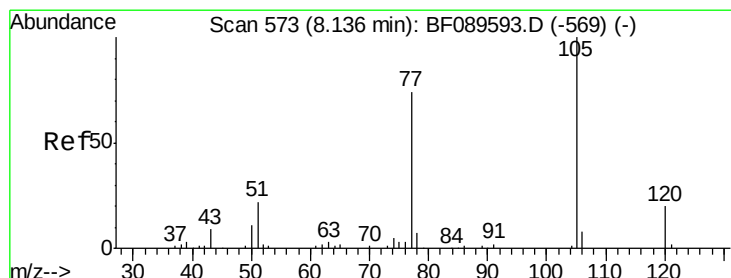
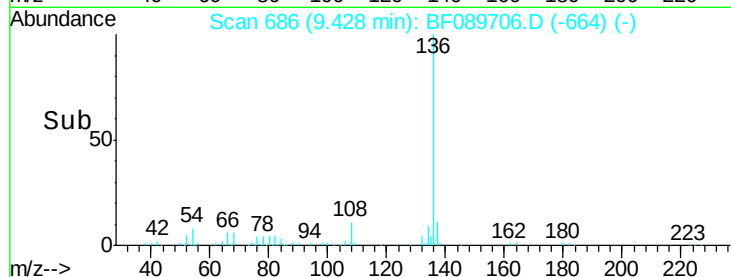
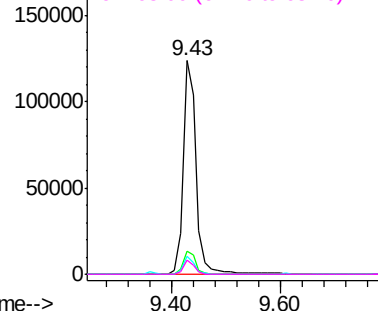
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.05 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

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

Tgt Ion:	136	Resp:	205393
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	8.3	6.0	9.0
68	6.5	4.6	6.8



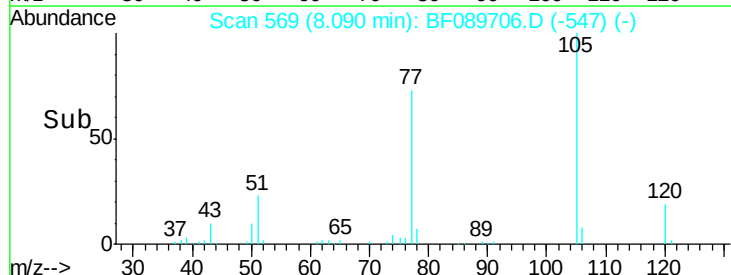
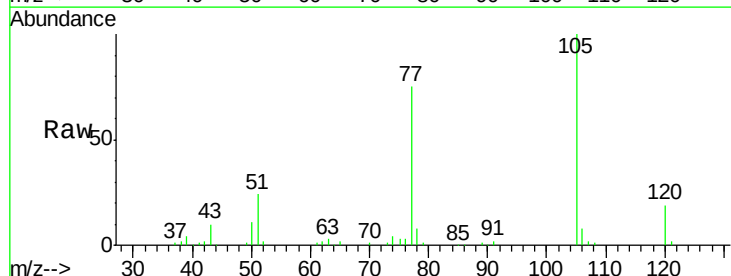
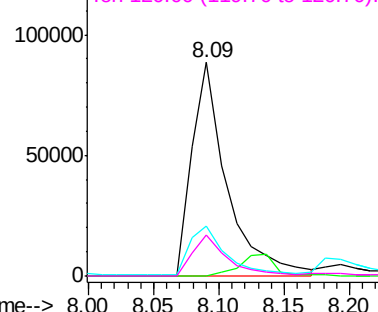
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

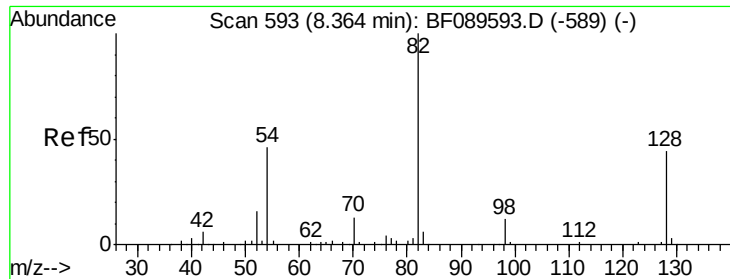


#22
Acetophenone
Concen: 33.84 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.05 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion:	105	Resp:	165702
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.0	0.0
51	23.7	18.2	27.2
120	19.2	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

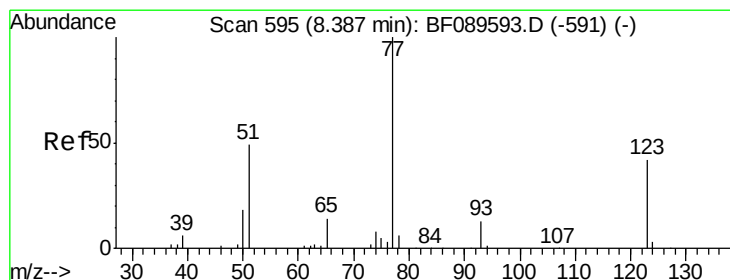
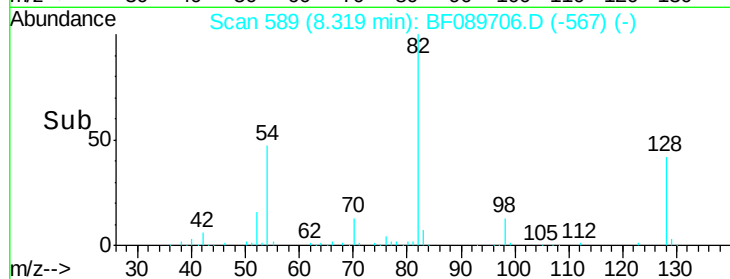
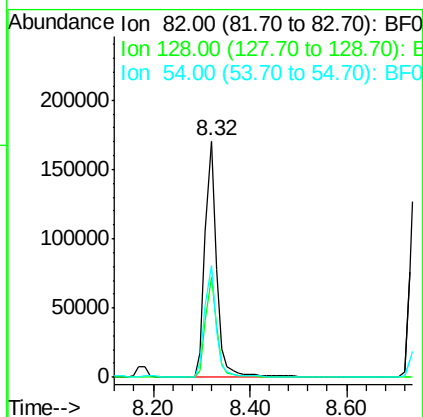
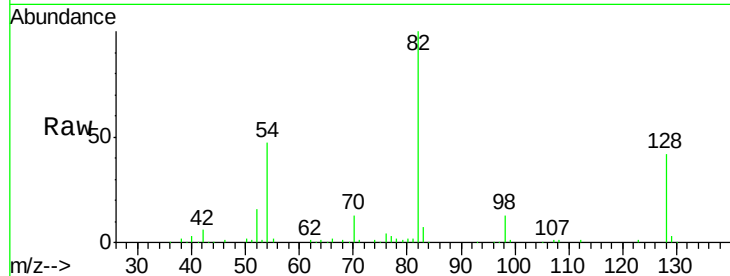




#23
 Nitrobenzene-d5
 Concen: 78.71 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.05 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

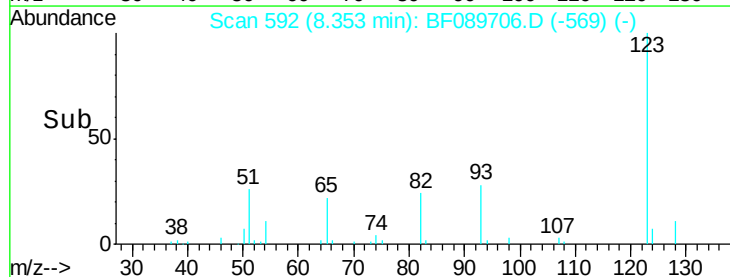
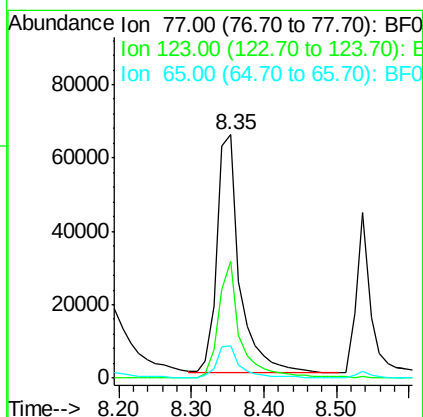
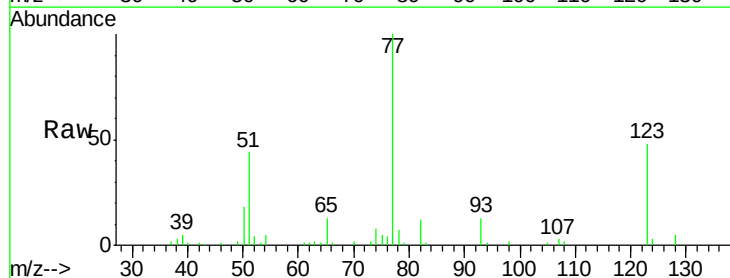
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMSD

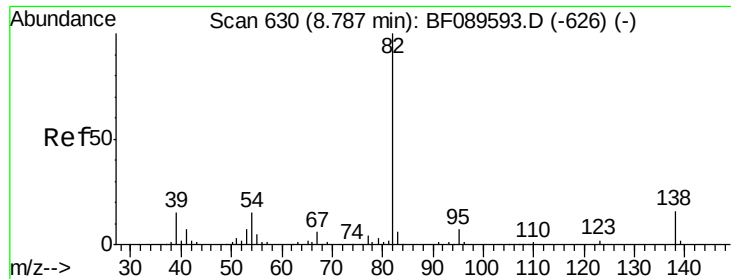
Tgt Ion: 82 Resp: 292269
 Ion Ratio Lower Upper
 82 100
 128 42.2 35.4 53.0
 54 47.1 36.4 54.6



#24
 Nitrobenzene
 Concen: 40.34 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.03 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion: 77 Resp: 142265
 Ion Ratio Lower Upper
 77 100
 123 47.8 32.6 49.0
 65 13.3 11.0 16.6





#25

Isophorone

Concen: 39.69 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.05 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

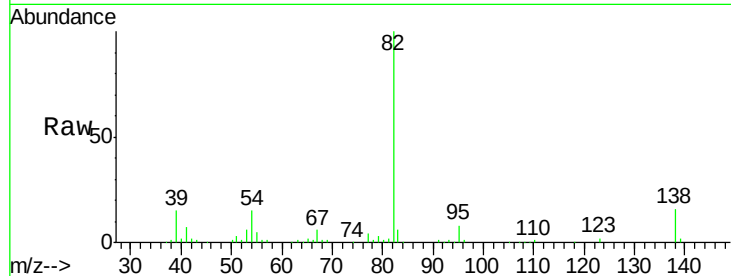
Tgt Ion: 82 Resp: 282227

Ion Ratio Lower Upper

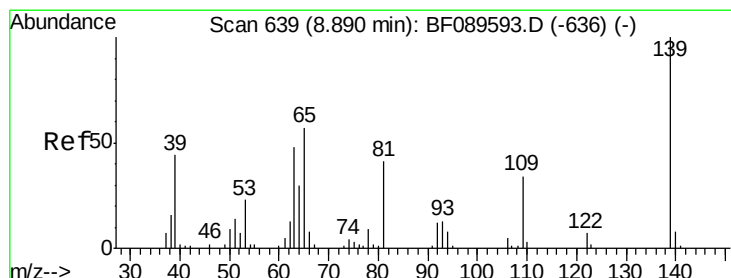
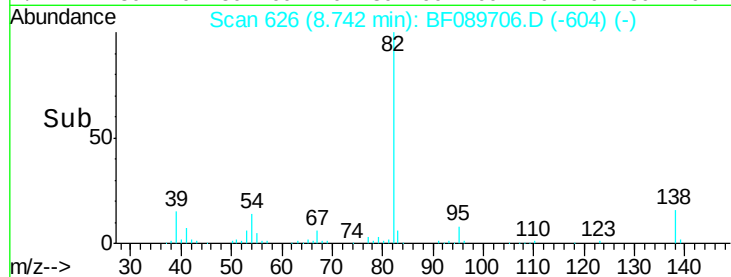
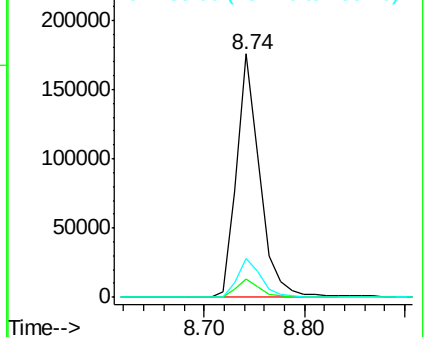
82 100

95 7.5 5.8 8.8

138 15.7 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.85 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

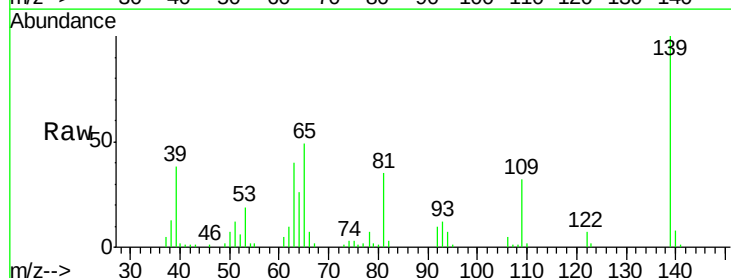
Tgt Ion: 139 Resp: 64503

Ion Ratio Lower Upper

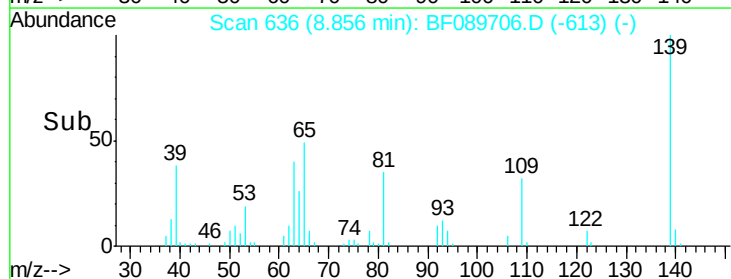
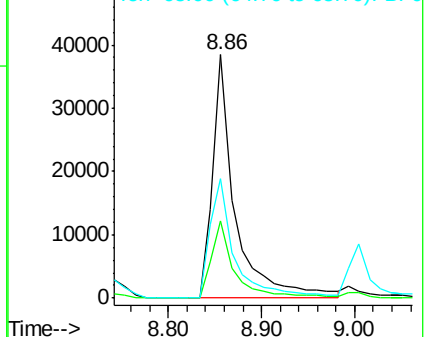
139 100

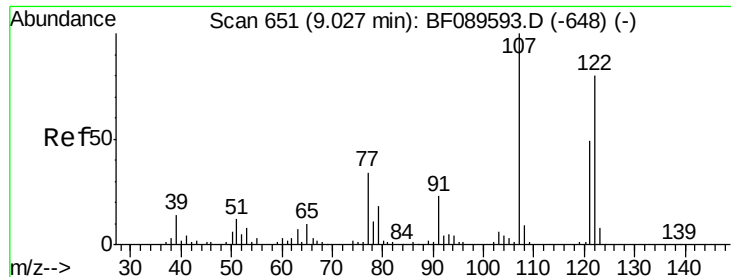
109 31.7 27.5 41.3

65 49.3 45.7 68.5



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

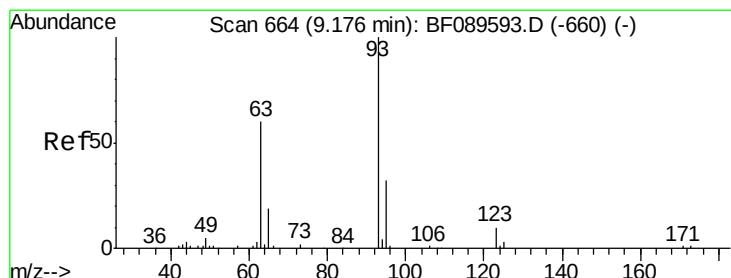
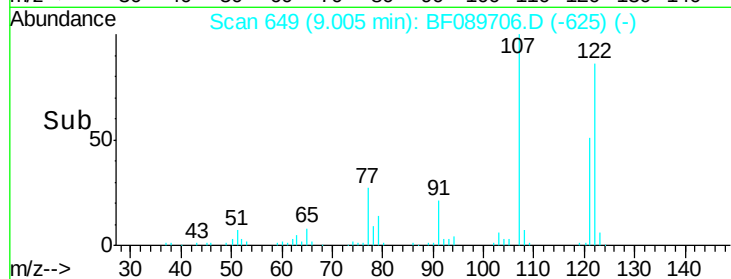
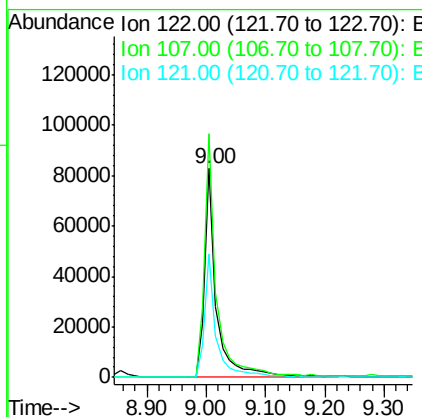
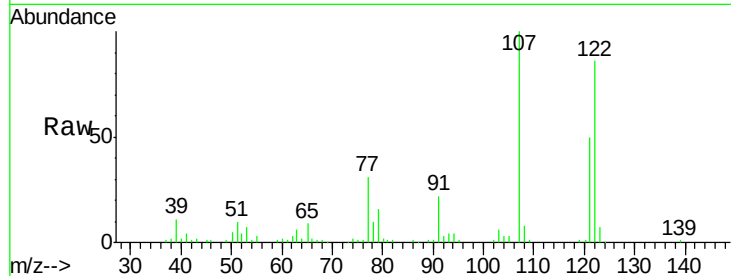




#27
 2,4-Dimethylphenol
 Concen: 41.03 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

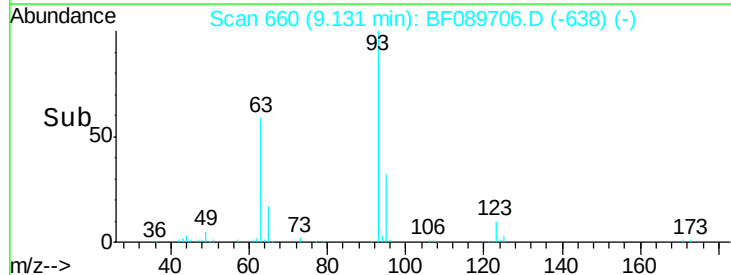
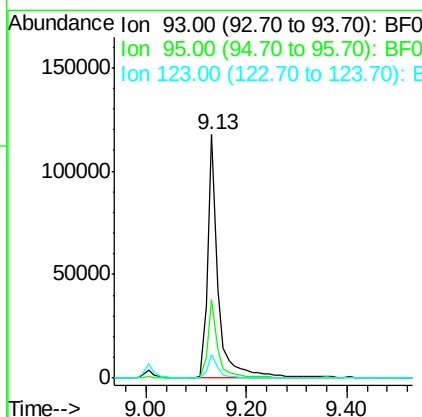
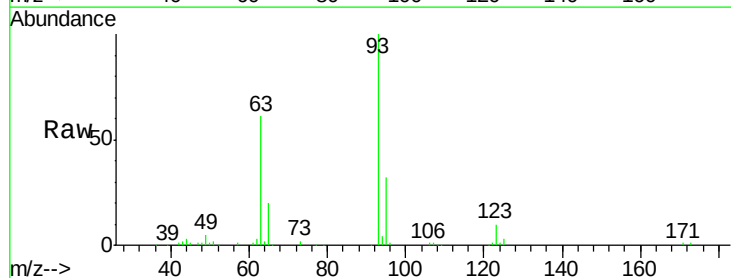
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMSD

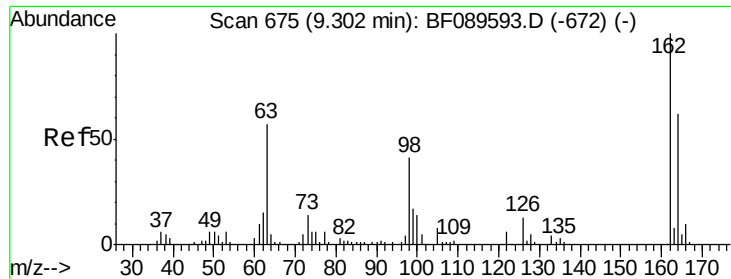
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.7	99.5	149.3
121	58.9	48.5	72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.13 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.05 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.8	38.8
123	9.7	8.0	12.0

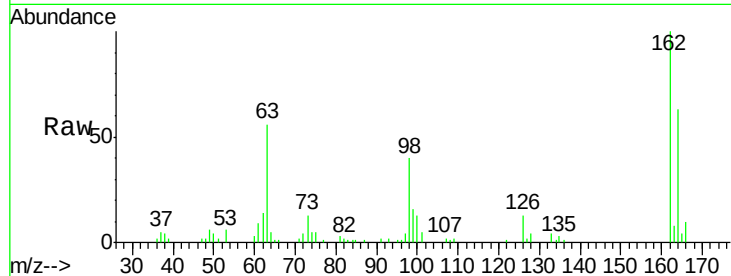




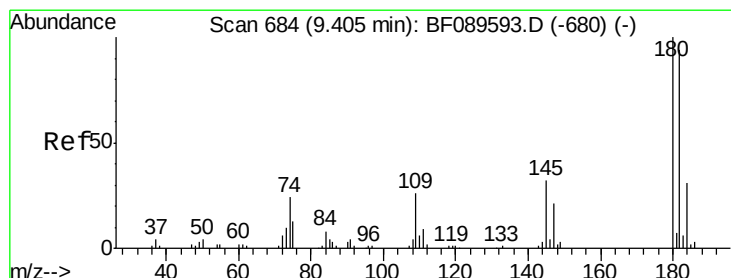
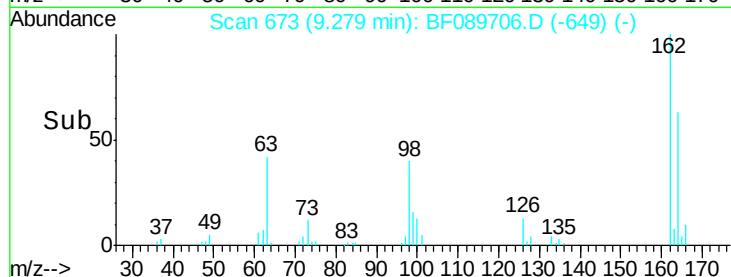
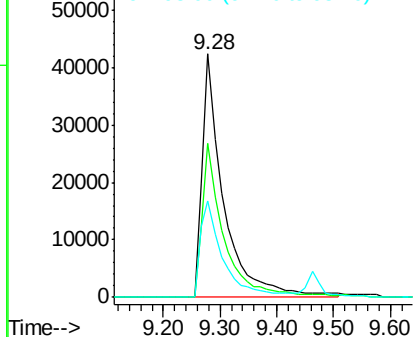
#29
 2,4-Dichlorophenol
 Concen: 39.27 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.3	82.3
98	39.6	21.2	61.2

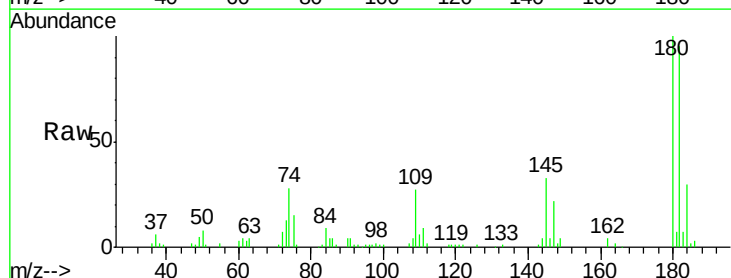


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

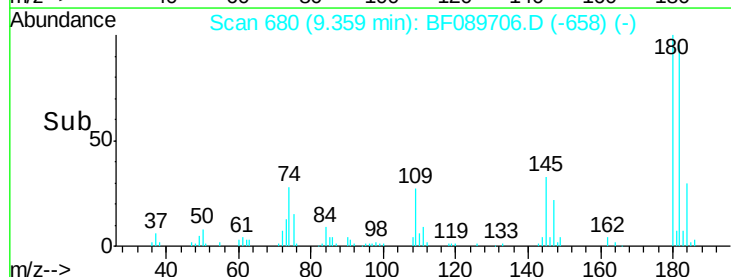
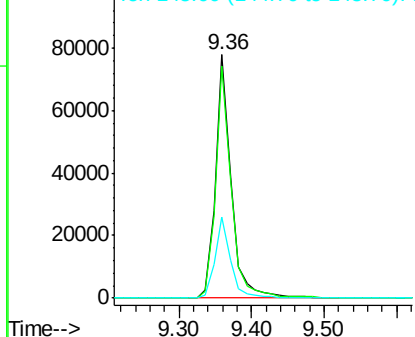


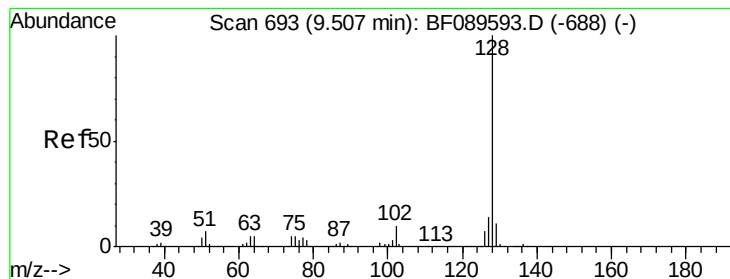
#30
 1,2,4-Trichlorobenzene
 Concen: 37.06 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.05 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.0	112.6
145	33.4	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: 36.58 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

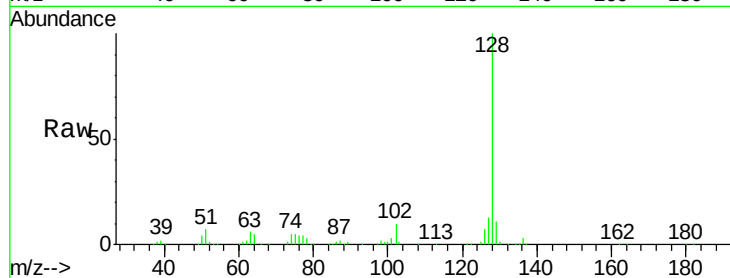
Tgt Ion:128 Resp: 399324

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

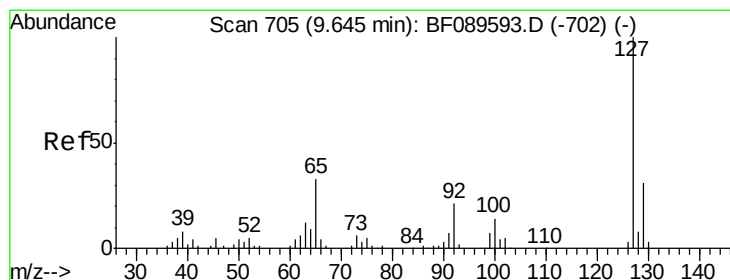
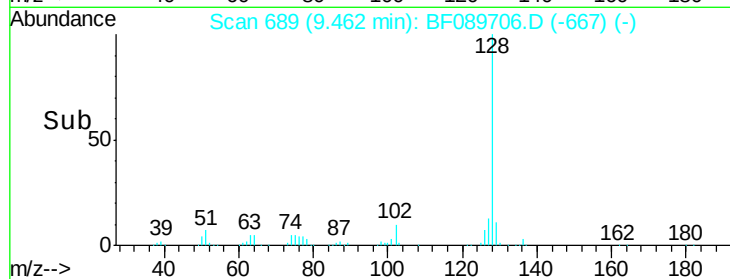
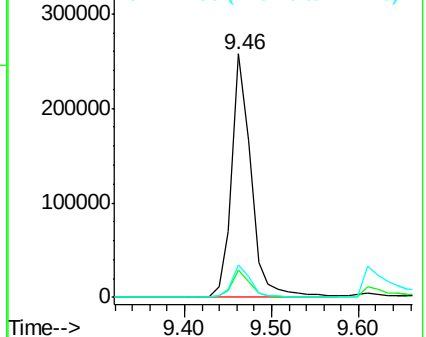
127 13.1 10.9 16.3



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: 22.53 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.03 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Tgt Ion:127 Resp: 92371

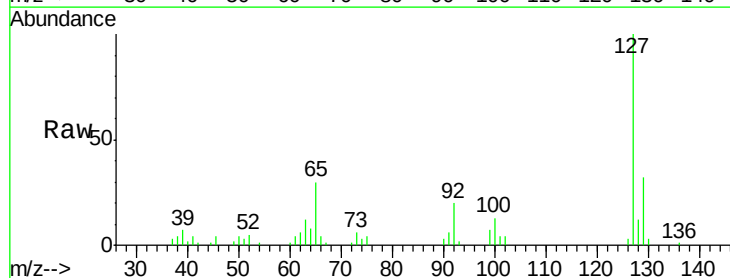
Ion Ratio Lower Upper

127 100

129 32.2 25.1 37.7

65 30.5 26.2 39.2

92 19.9 16.9 25.3

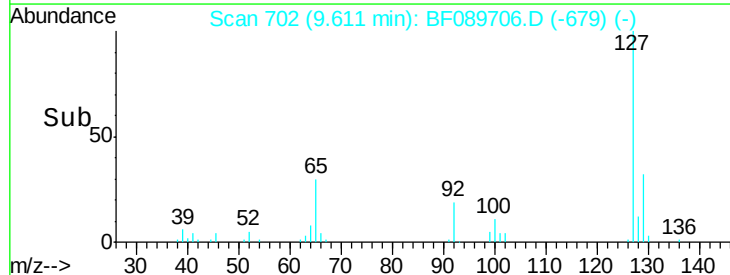
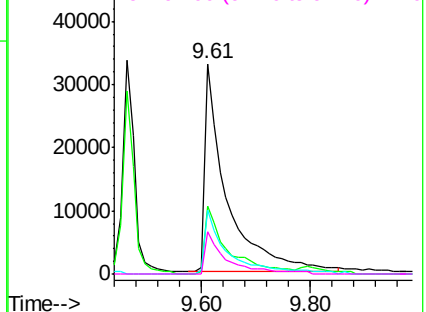


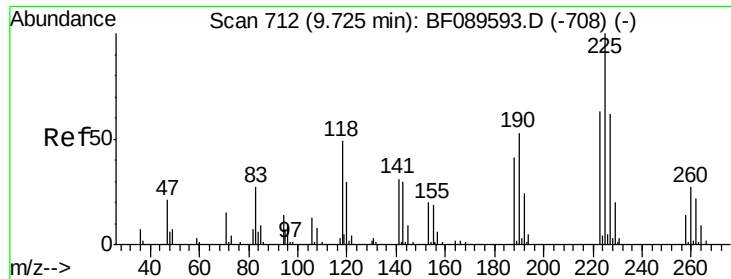
Abundance Ion 127.00 (126.70 to 127.70): E

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

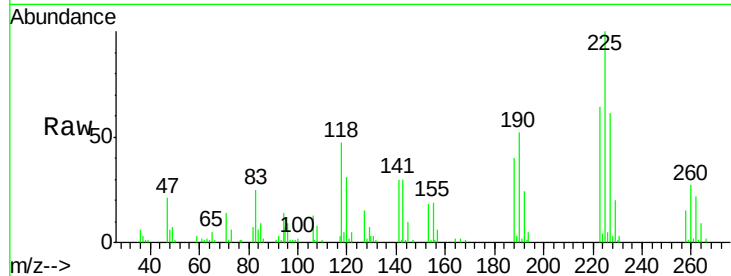




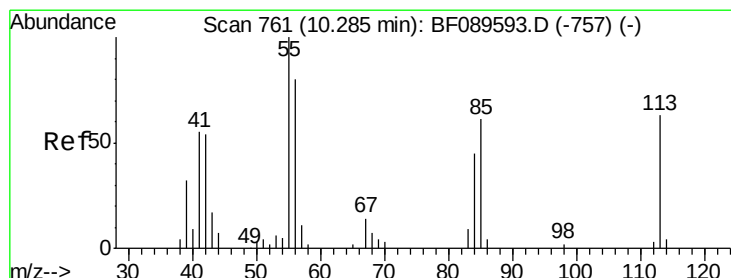
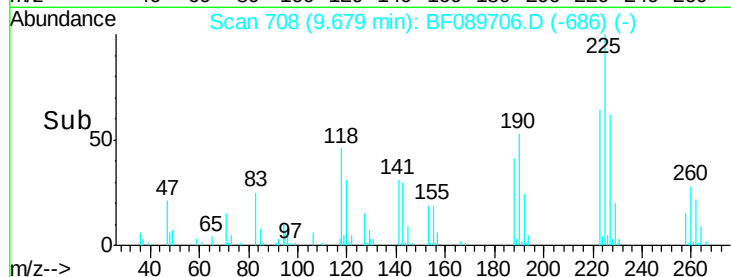
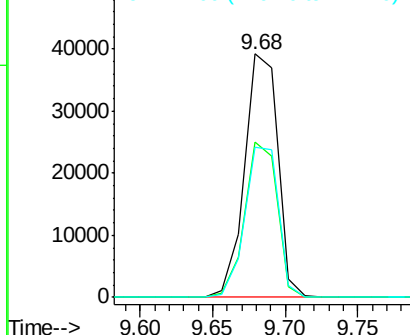
#34
Hexachlorobutadiene
Concen: 34.41 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.05 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

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

Tgt Ion: 225 Resp: 62321
Ion Ratio Lower Upper
225 100
223 63.5 50.7 76.1
227 61.5 49.4 74.0

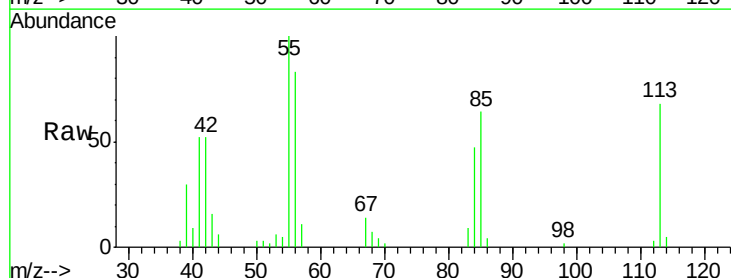


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

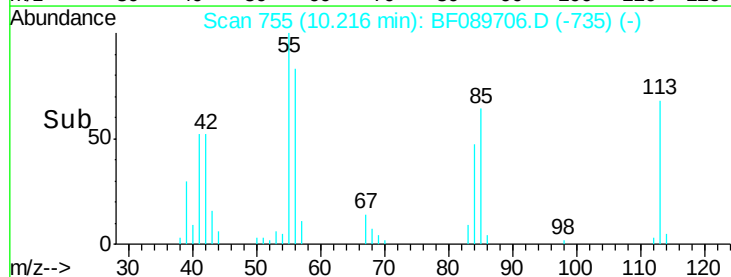
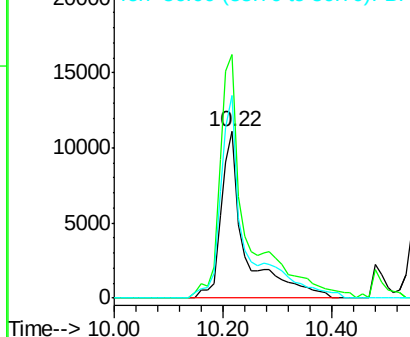


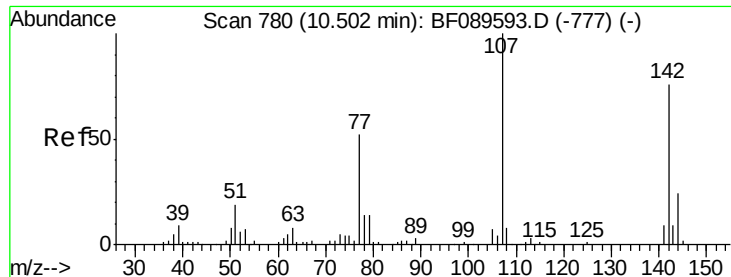
#35
Caprolactam
Concen: 42.95 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.07 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion: 113 Resp: 34468
Ion Ratio Lower Upper
113 100
55 146.4 139.6 179.6
56 121.8 108.2 148.2



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

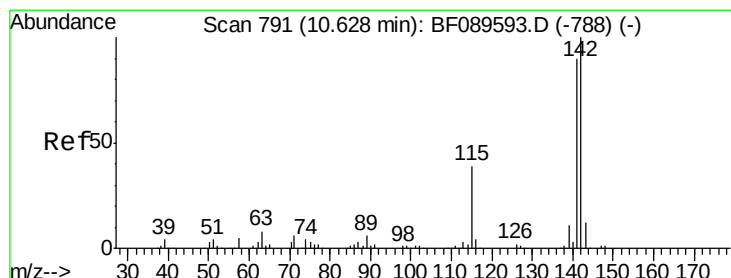
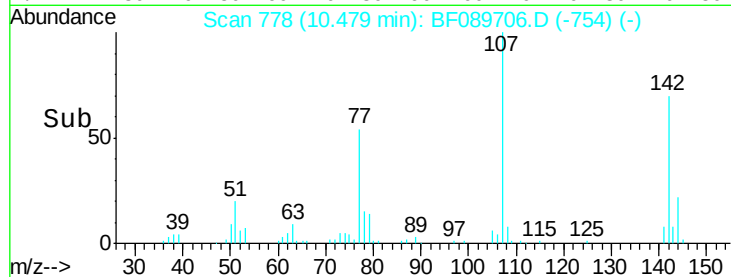
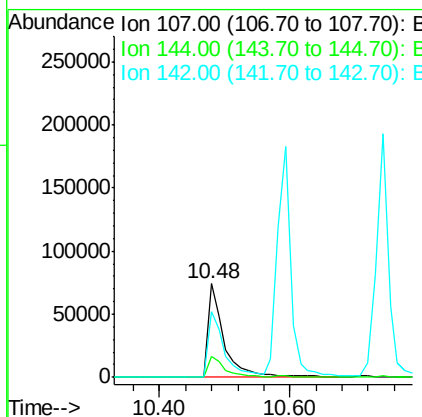
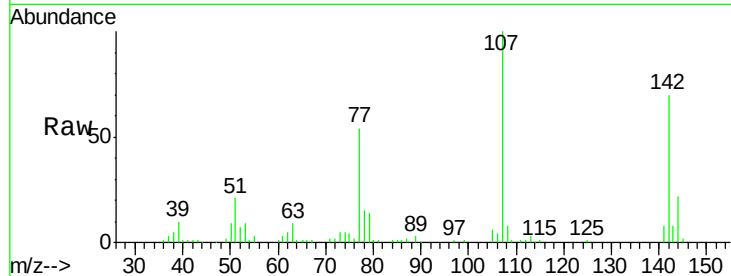




#36
 4-Chloro-3-methylphenol
 Concen: 40.27 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

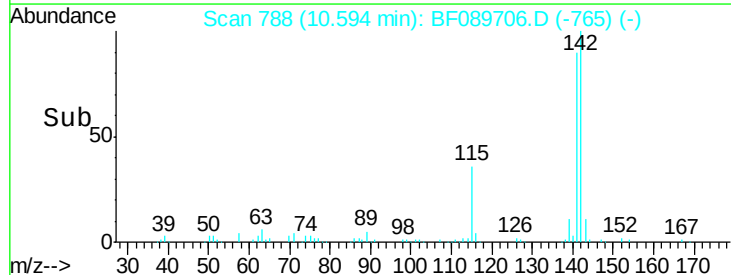
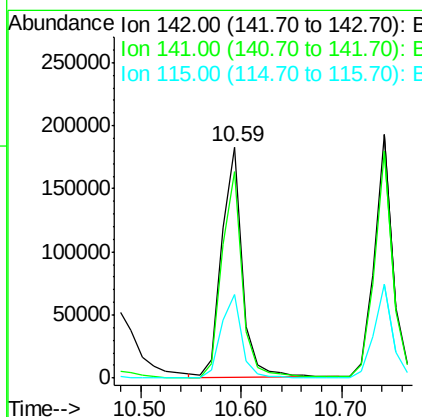
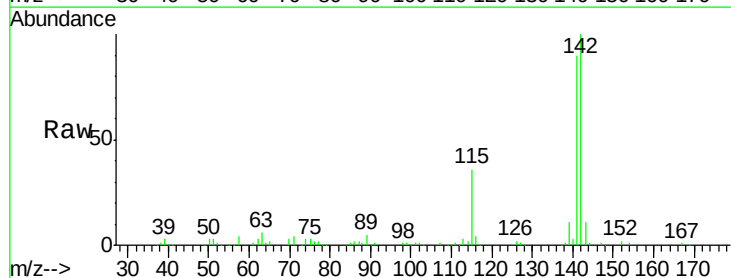
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMSD

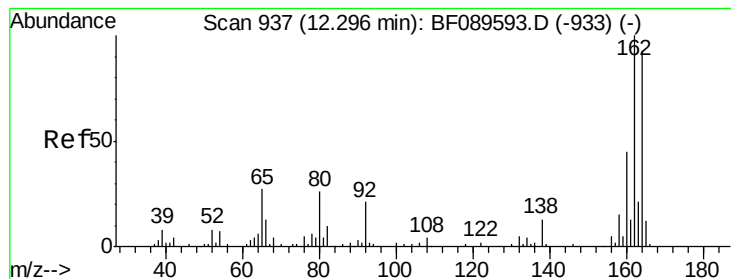
Tgt Ion:107 Resp: 128908
 Ion Ratio Lower Upper
 107 100
 144 21.8 18.9 28.3
 142 69.9 60.4 90.6



#37
 2-Methylnaphthalene
 Concen: 38.83 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion:142 Resp: 260665
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.8 107.6
 115 36.0 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: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

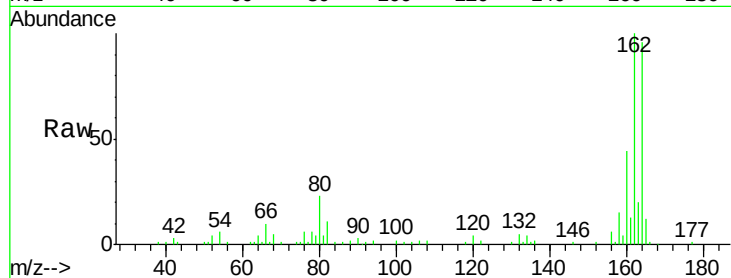
Tgt Ion:164 Resp: 97097

Ion Ratio Lower Upper

164 100

162 103.8 85.7 128.5

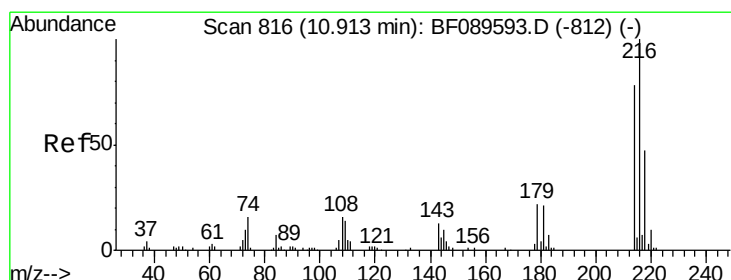
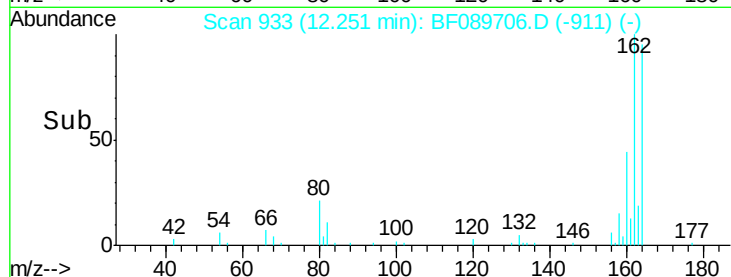
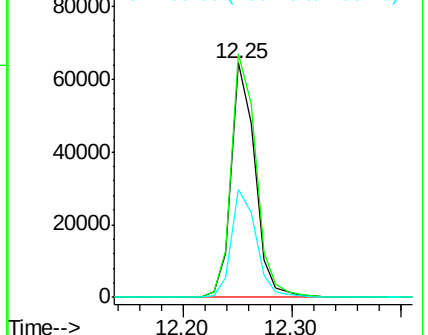
160 46.2 38.2 57.4



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: 27.92 ng

RT: 10.87 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Tgt Ion:216 Resp: 101882

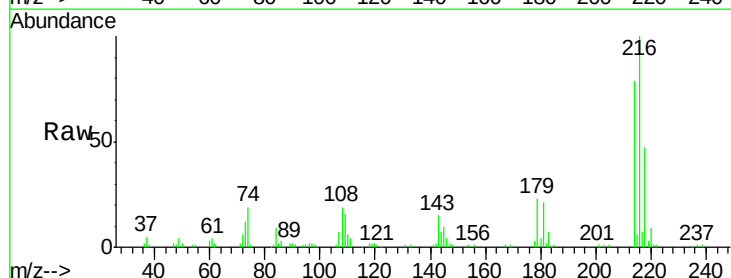
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 23.0 17.8 26.8

108 22.3 16.3 24.5

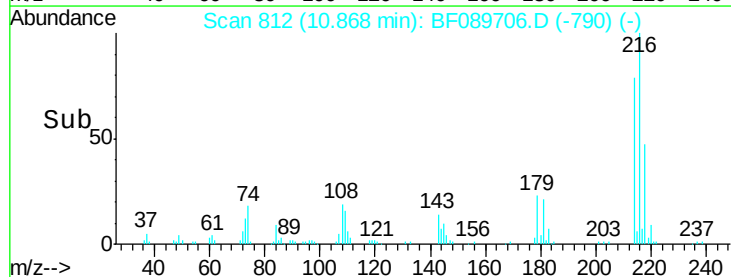
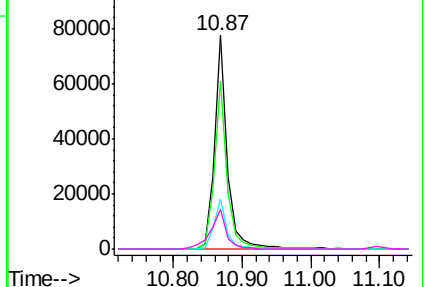


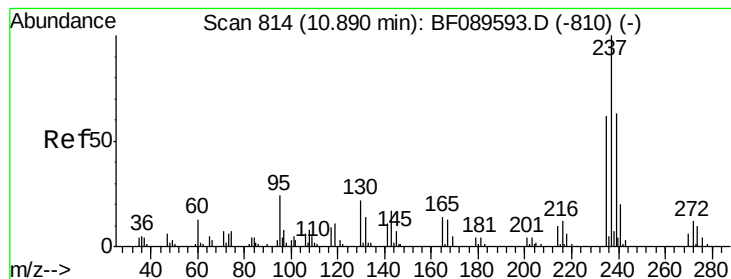
Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.33 ng

RT: 10.85 min Scan# 810

Delta R.T. -0.04 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

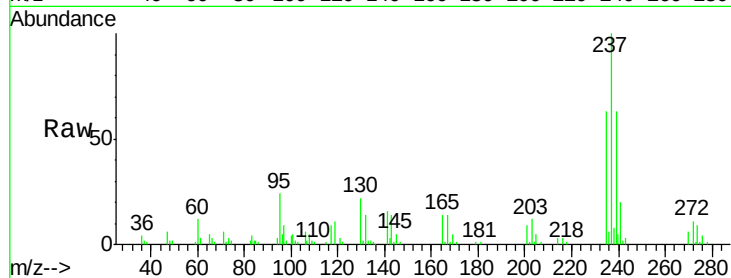
Tgt Ion:237 Resp: 73024

Ion Ratio Lower Upper

237 100

235 62.7 41.9 81.9

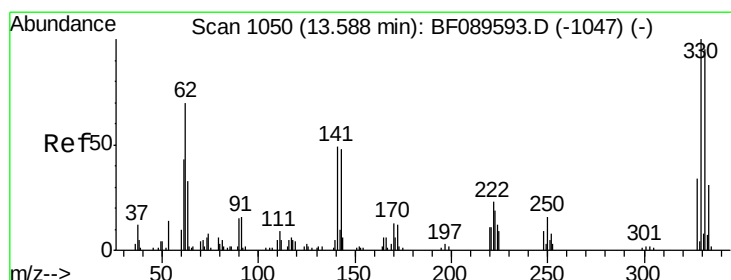
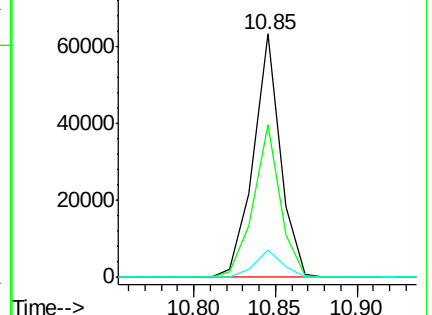
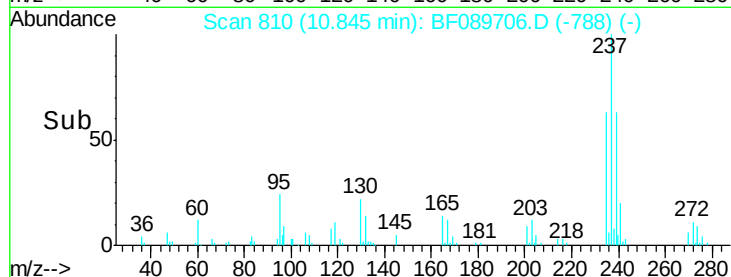
272 11.3 0.0 32.4



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: 115.10 ng

RT: 13.55 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

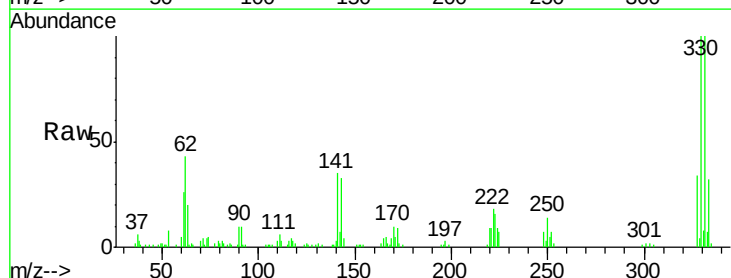
Tgt Ion:330 Resp: 92227

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

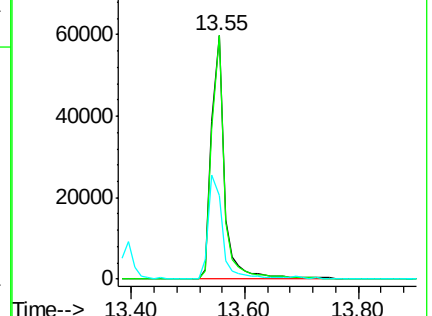
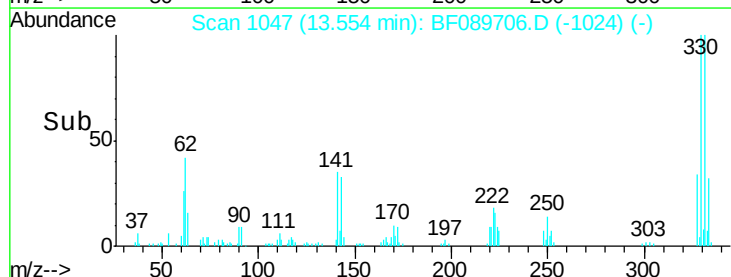
141 47.0 38.6 57.8

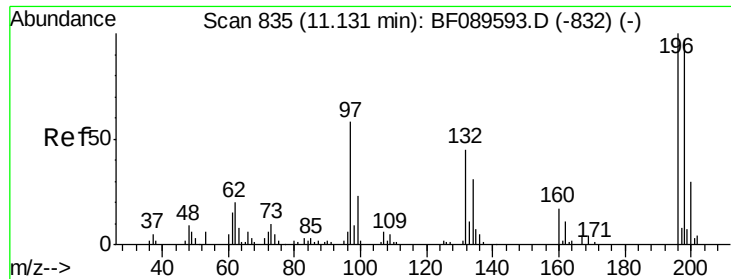


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

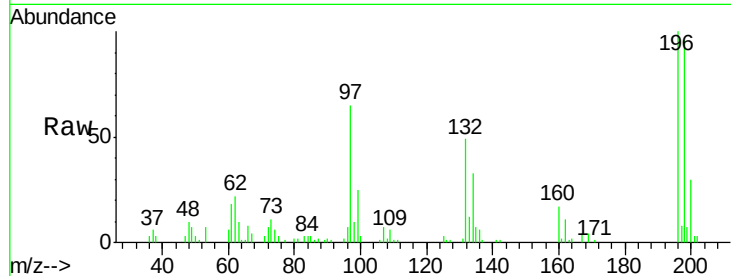




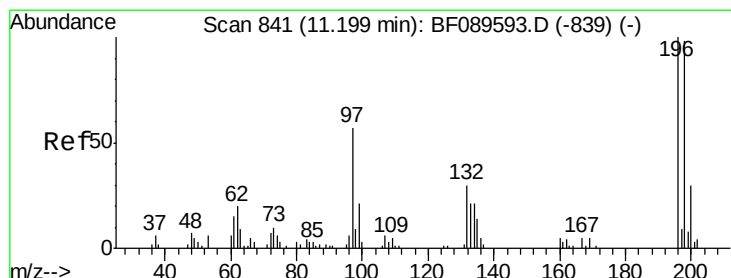
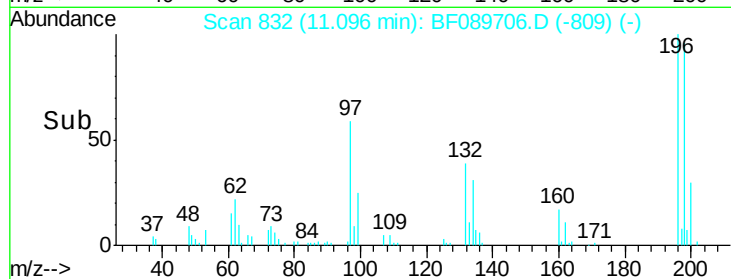
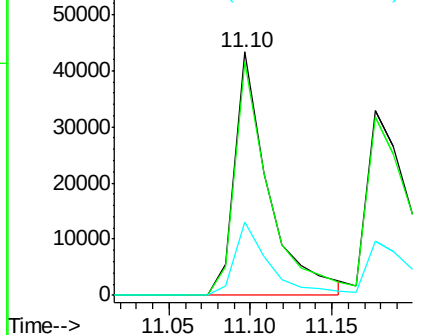
#42
 2,4,6-Trichlorophenol
 Concen: 34.67 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.03 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

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

Tgt Ion:196 Resp: 62410
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.6 116.4
 200 30.0 23.8 35.8



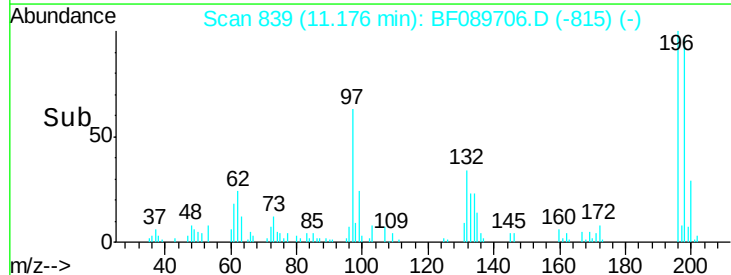
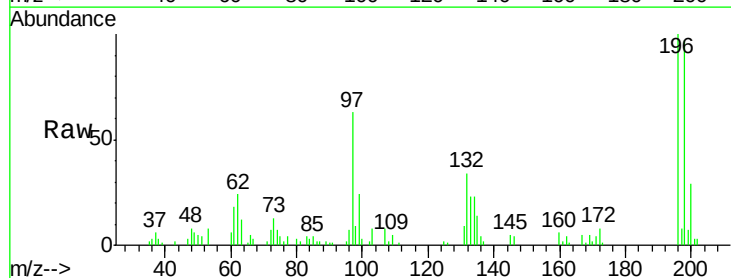
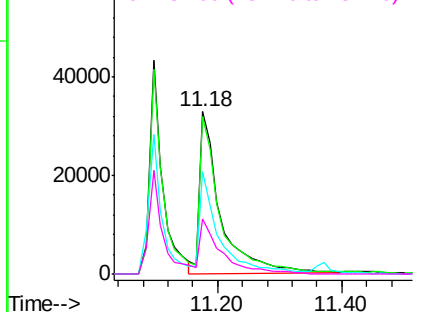
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

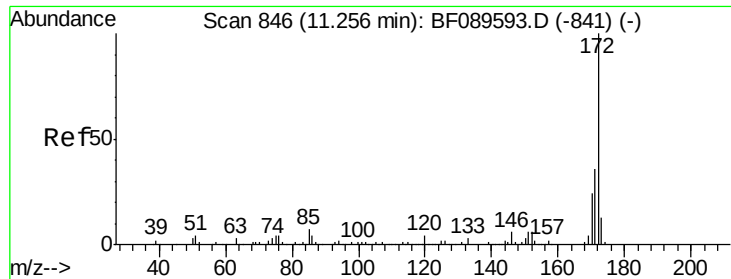


#43
 2,4,5-Trichlorophenol
 Concen: 39.34 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion:196 Resp: 75674
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.8 116.6
 97 62.8 45.8 68.6
 132 34.3 25.1 37.7

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

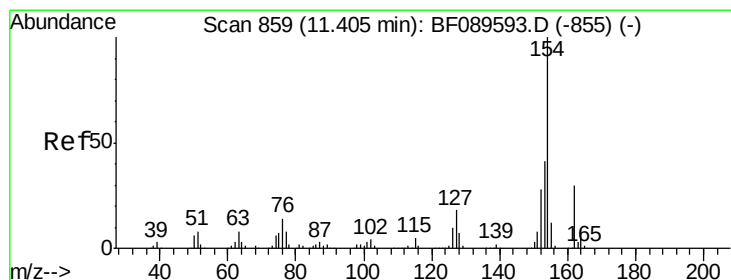
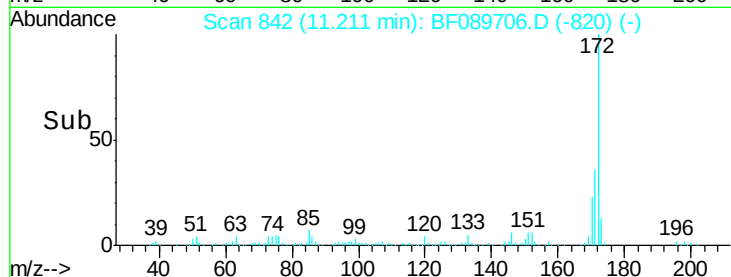
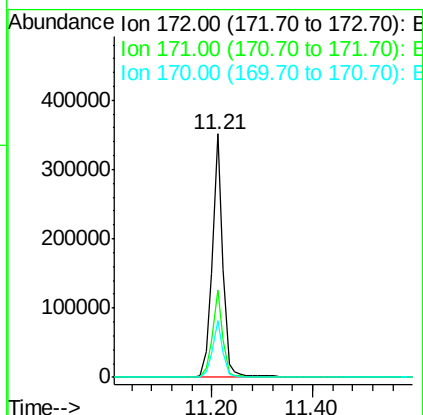
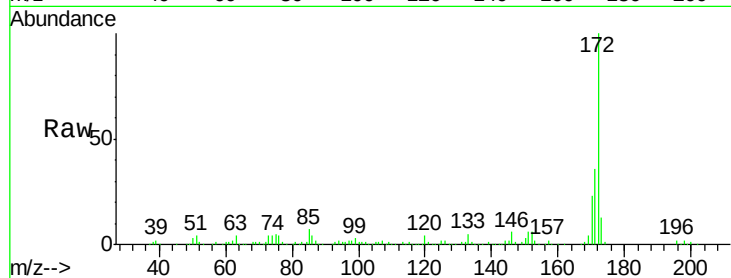




#44
2-Fluorobiphenyl
Concen: 68.49 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.05 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

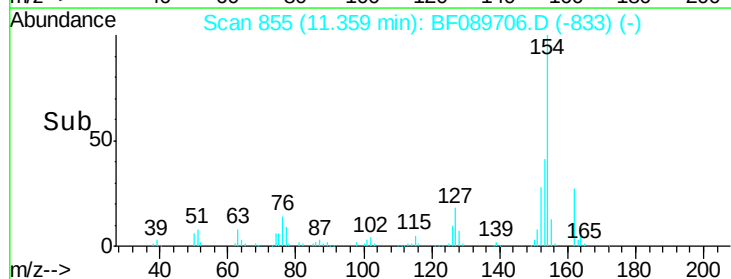
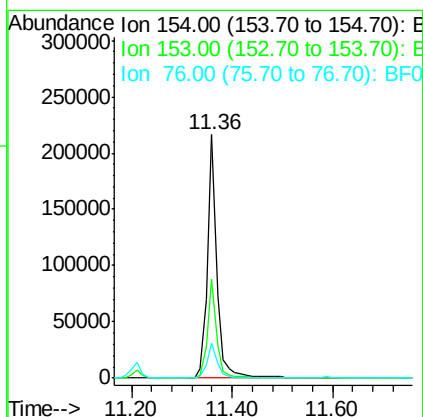
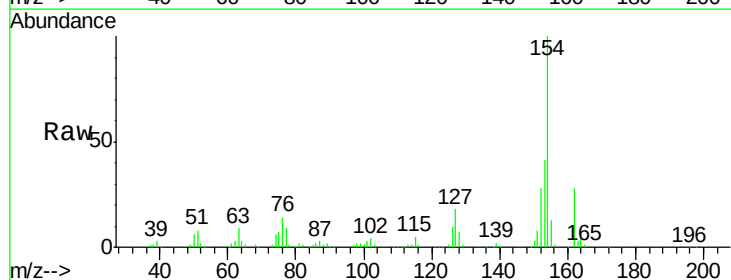
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMSD

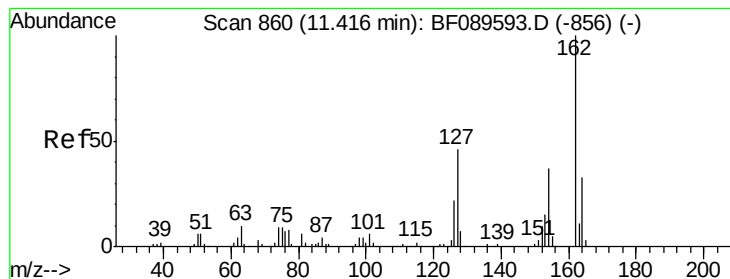
Tgt Ion:172 Resp: 511732
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.4 19.0 28.6



#45
1,1'-Biphenyl
Concen: 32.51 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.05 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion:154 Resp: 284684
Ion Ratio Lower Upper
154 100
153 40.7 20.6 60.6
76 14.1 0.0 33.7

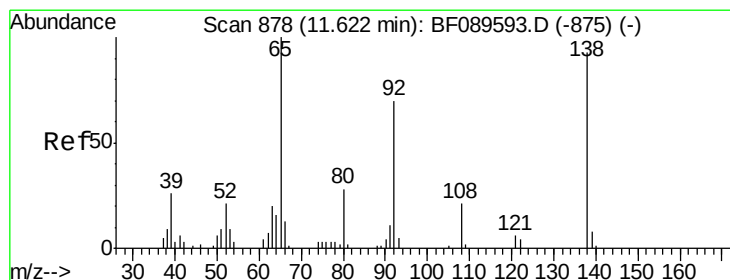
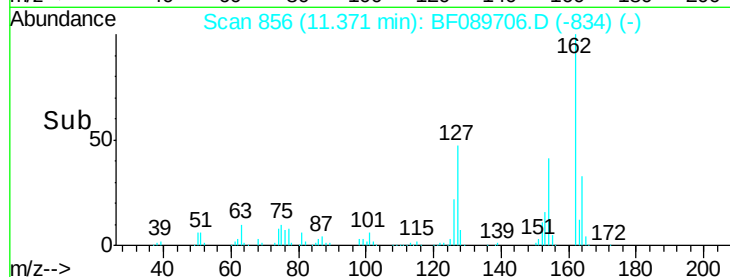
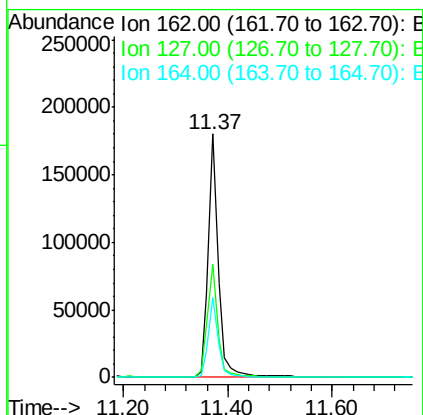
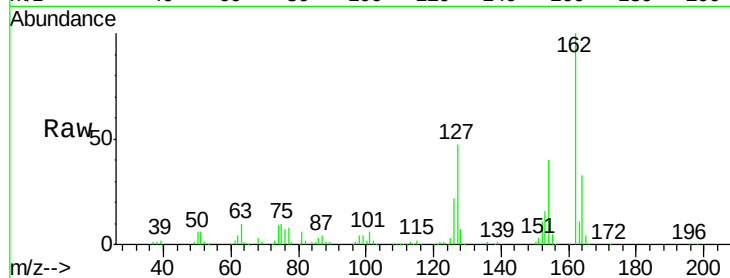




#46
 2-Chloronaphthalene
 Concen: 37.26 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.05 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

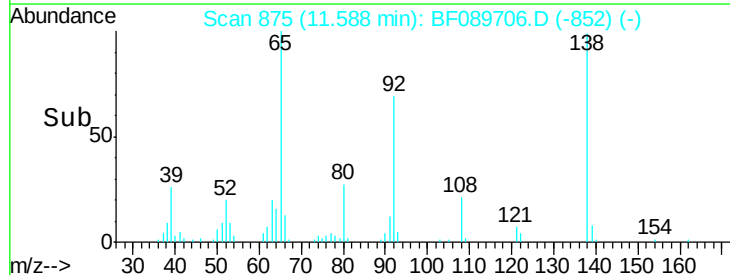
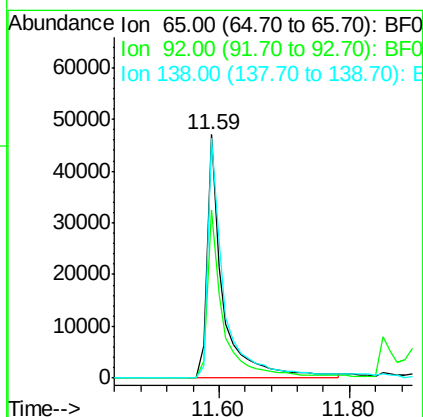
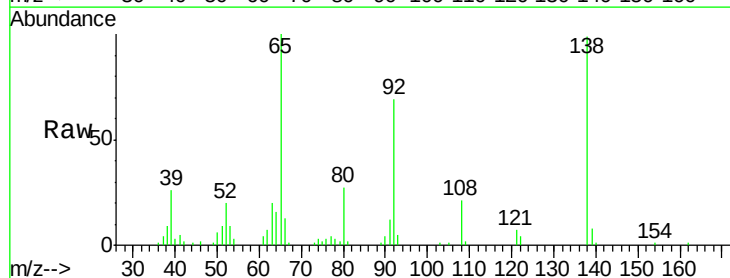
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMSD

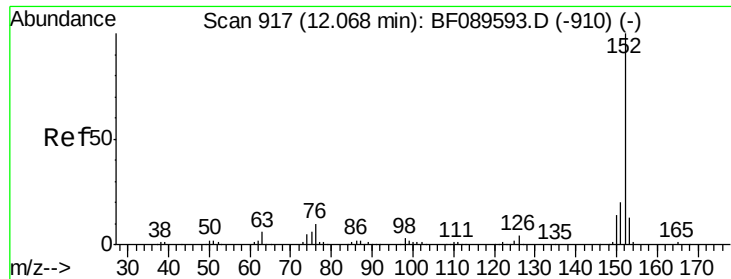
Tgt Ion: 162 Resp: 244643
 Ion Ratio Lower Upper
 162 100
 127 46.5 36.6 54.8
 164 32.8 26.8 40.2



#47
 2-Nitroaniline
 Concen: 37.59 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.03 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion: 65 Resp: 79553
 Ion Ratio Lower Upper
 65 100
 92 68.8 56.3 84.5
 138 98.7 74.3 111.5

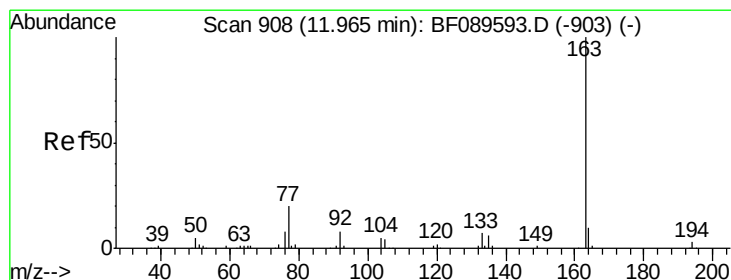
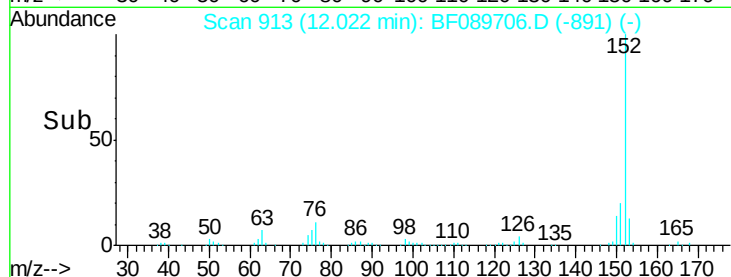
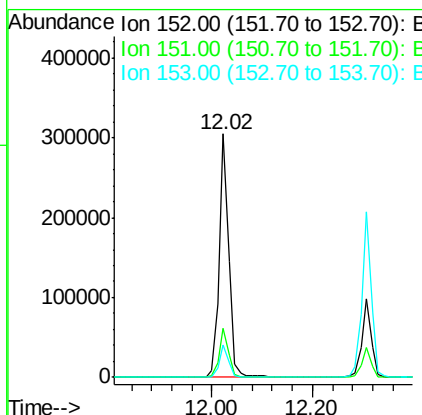
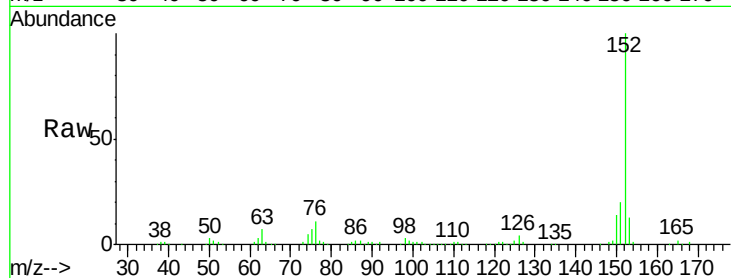




#48
Acenaphthylene
Concen: 37.34 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.05 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

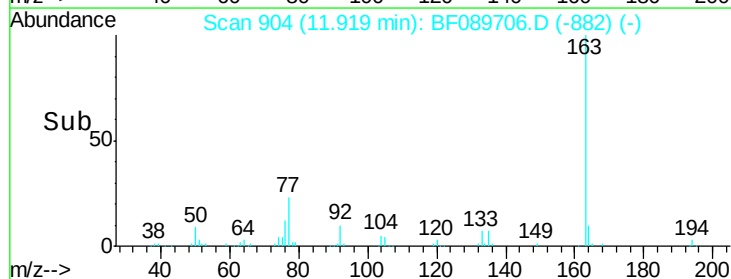
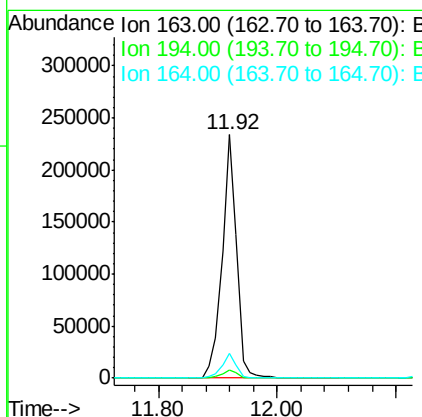
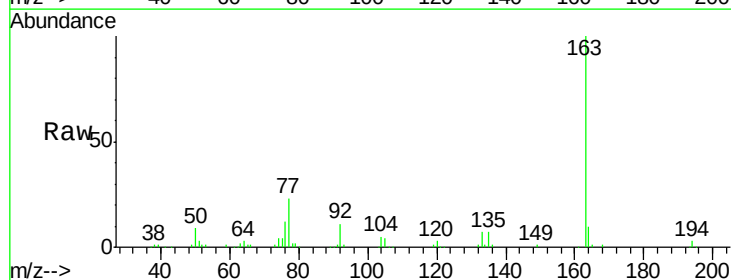
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMSD

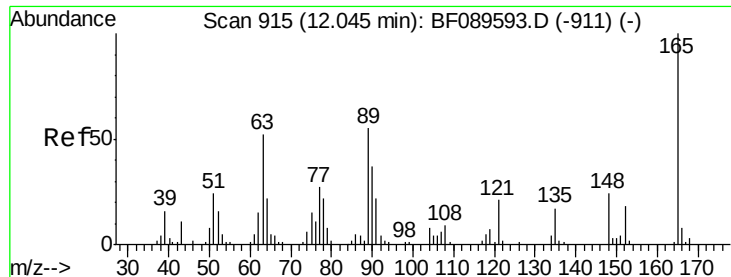
Tgt Ion:152 Resp: 403818
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.2 10.5 15.7



#49
Dimethylphthalate
Concen: 52.16 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion:163 Resp: 396988
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 7.8 11.6

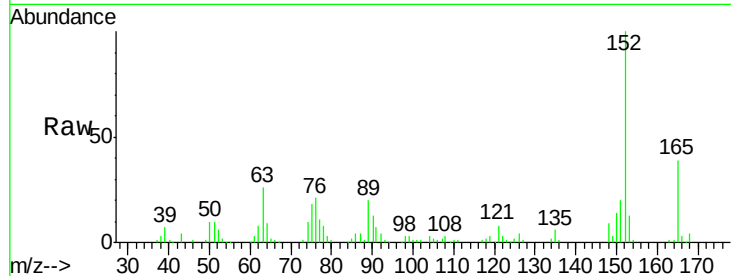




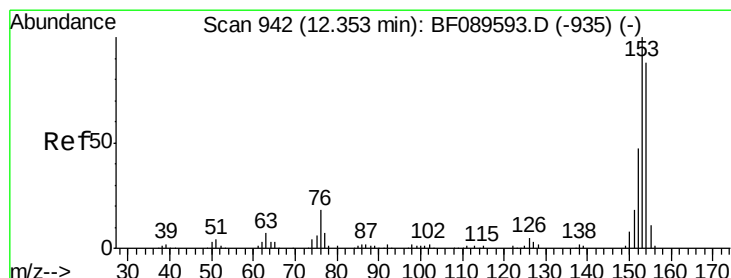
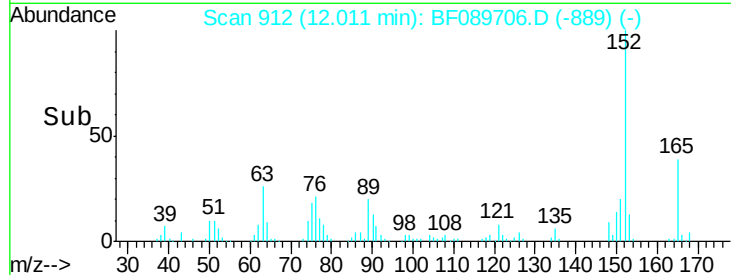
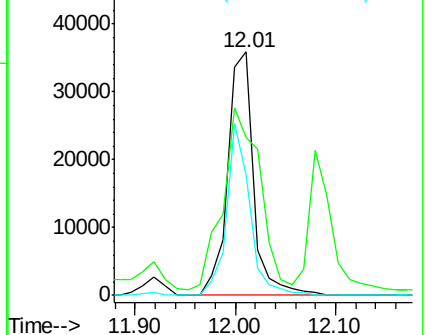
#50
 2,6-Dinitrotoluene
 Concen: 42.32 ng
 RT: 12.01 min Scan# 912
 Delta R.T. -0.03 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.0	44.6	67.0
89	49.7	44.2	66.2

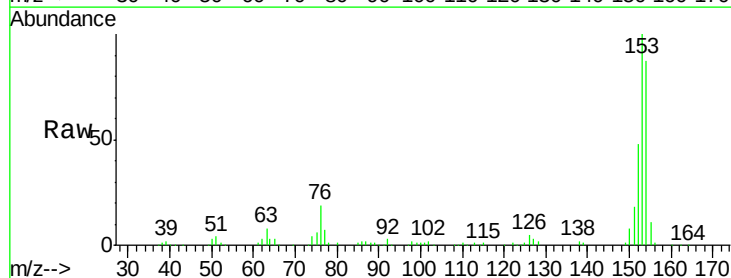


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

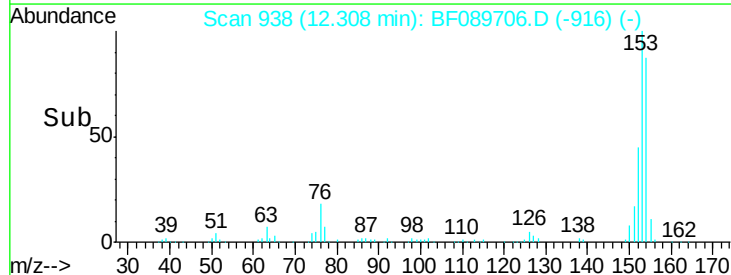
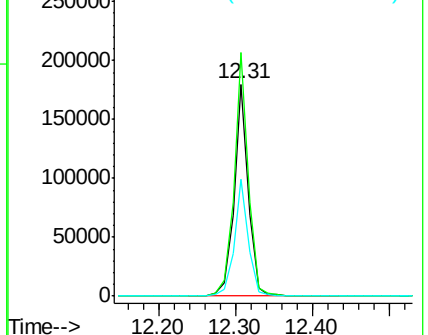


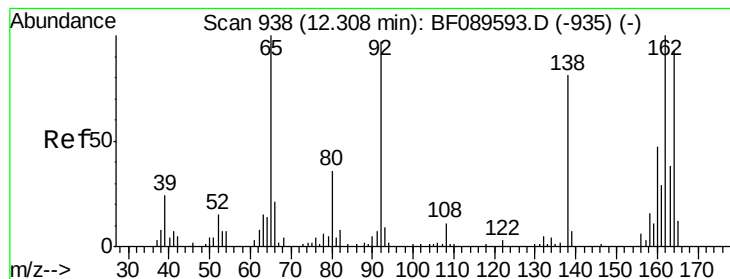
#51
 Acenaphthene
 Concen: 37.76 ng
 RT: 12.31 min Scan# 938
 Delta R.T. -0.05 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.1	136.7
152	54.8	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: 31.02 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.03 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

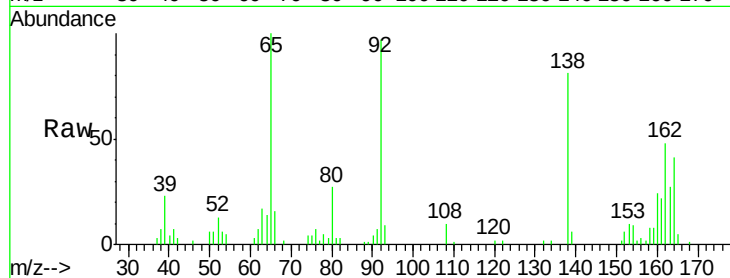
Tgt Ion:138 Resp: 56133

Ion Ratio Lower Upper

138 100

108 12.6 10.7 16.1

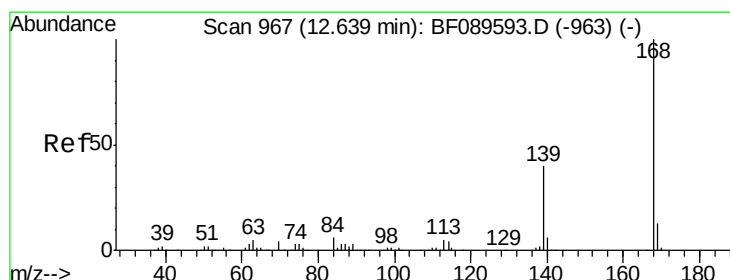
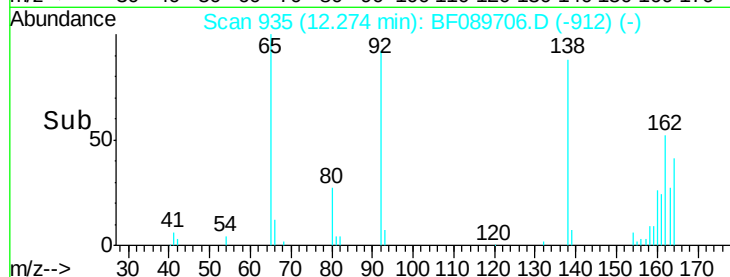
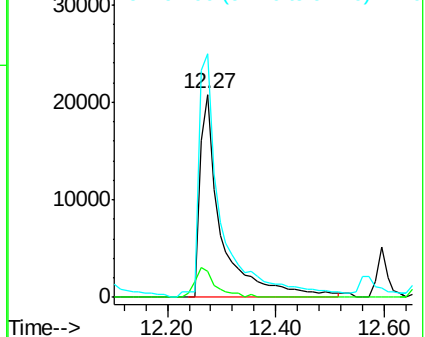
92 119.9 96.6 145.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#54

Dibenzofuran

Concen: 41.38 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.05 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

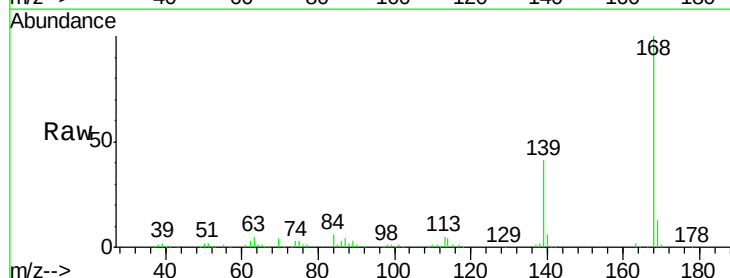
Tgt Ion:168 Resp: 355309

Ion Ratio Lower Upper

168 100

139 40.8 32.3 48.5

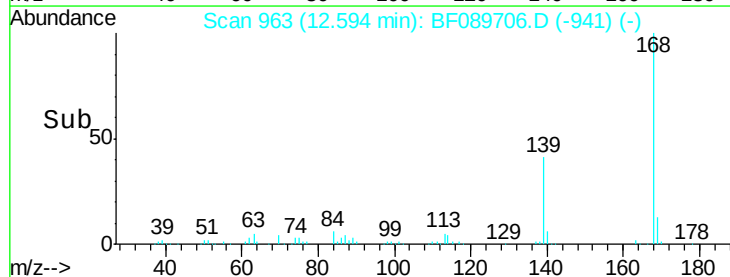
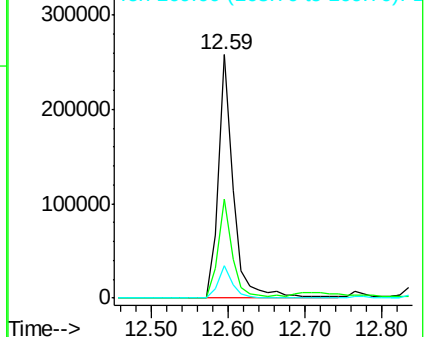
169 13.3 10.6 15.8

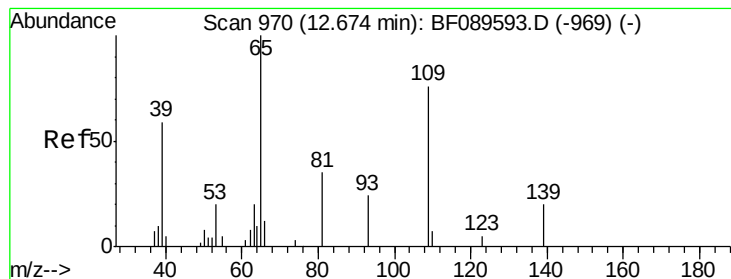


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: Below Cal

RT: 12.59 min Scan# 963

Delta R.T. -0.08 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

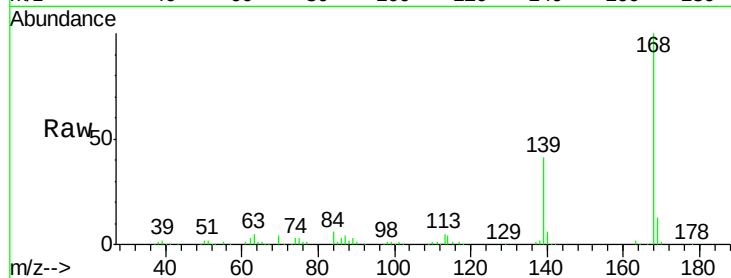
Tgt Ion:139 Resp: 136529

Ion Ratio Lower Upper

139 100

109 0.8 28.9 68.9#

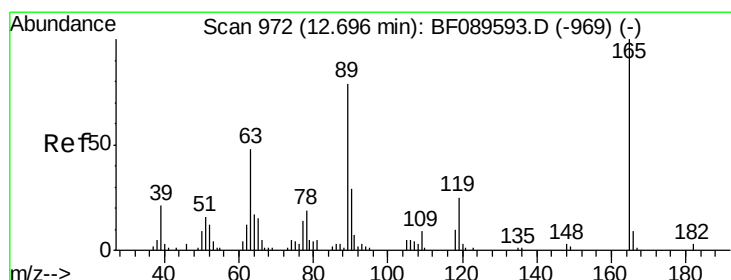
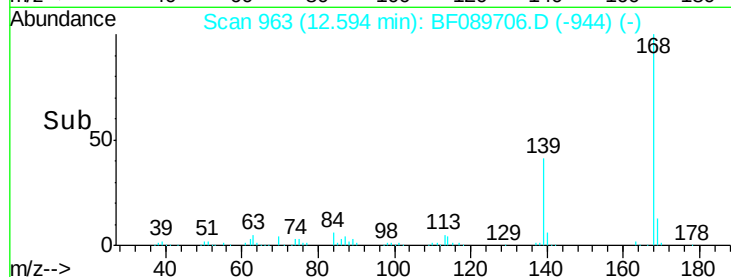
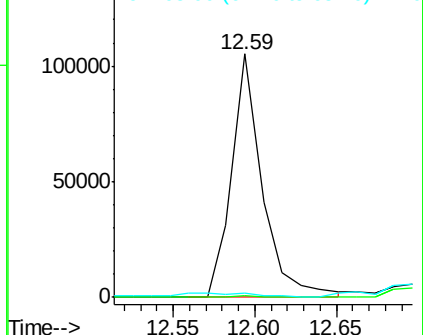
65 1.8 49.2 89.2#



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: 41.66 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.03 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Tgt Ion:165 Resp: 88658

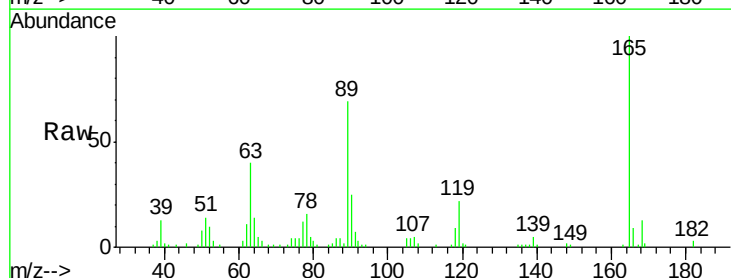
Ion Ratio Lower Upper

165 100

63 39.8 42.2 63.4#

89 69.2 64.4 96.6

182 2.6 2.1 3.1

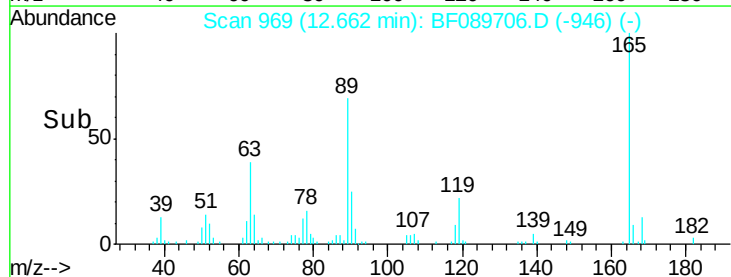
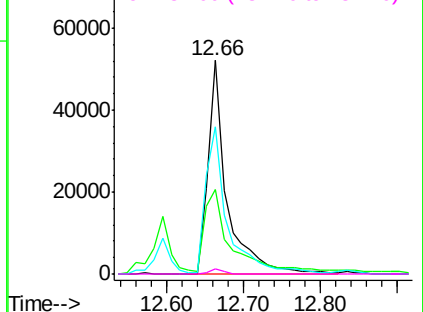


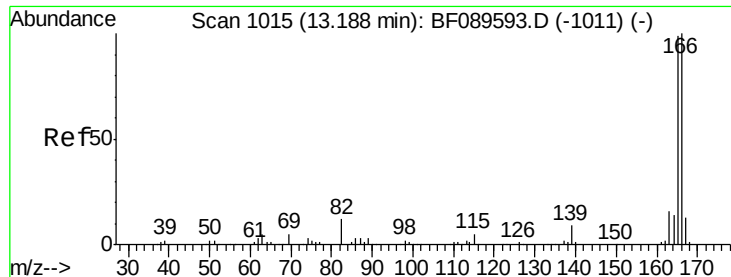
Abundance Ion 165.00 (164.70 to 165.70): E

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

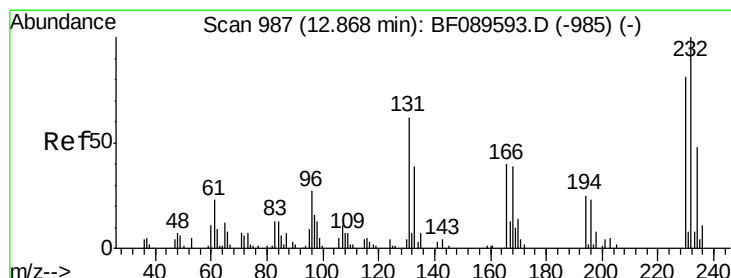
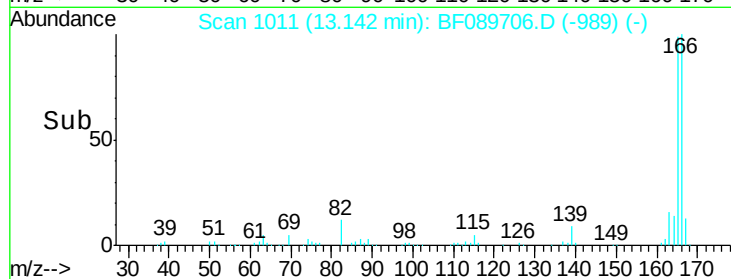
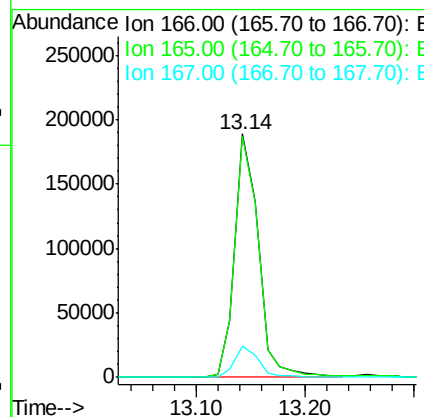
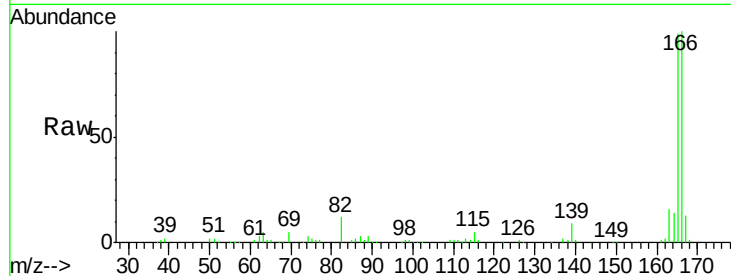




#57
 Fluorene
 Concen: 38.79 ng
 RT: 13.14 min Scan# 1011
 Delta R.T. -0.05 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

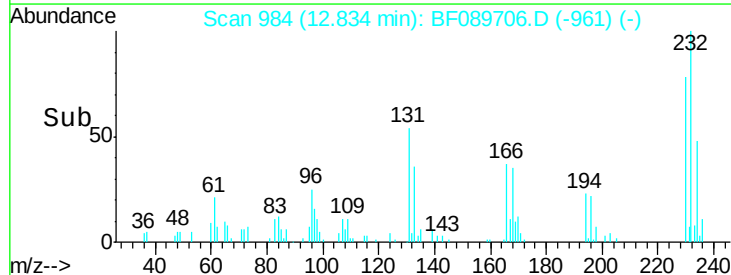
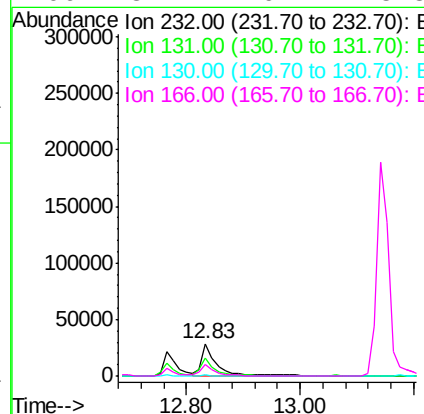
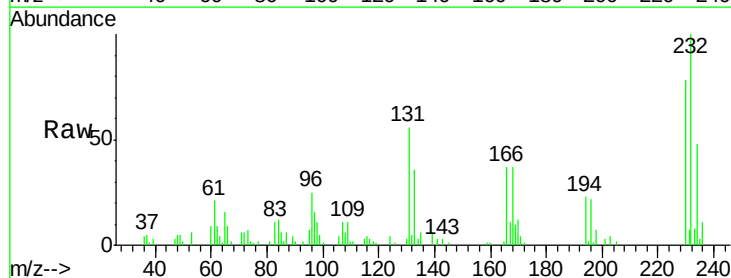
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMSD

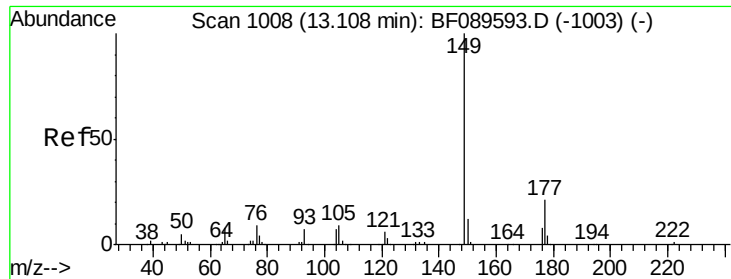
Tgt Ion:166 Resp: 284708
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.9 118.3
 167 13.0 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.73 ng
 RT: 12.83 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion:232 Resp: 50720
 Ion Ratio Lower Upper
 232 100
 131 59.6 46.2 69.2
 130 1.7 1.7 2.5
 166 37.1 29.2 43.8

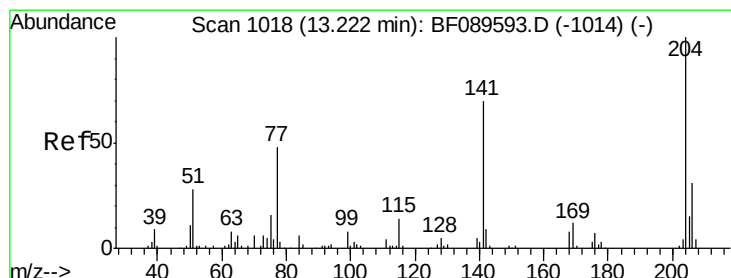
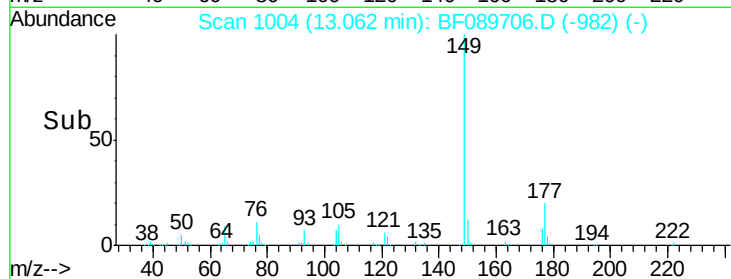
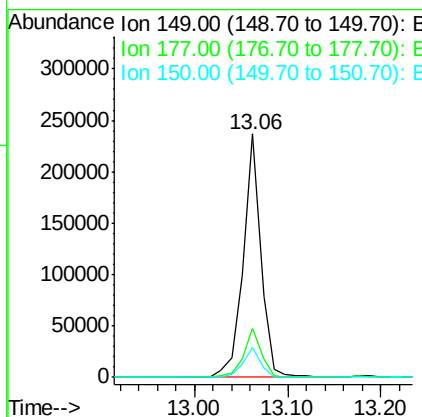
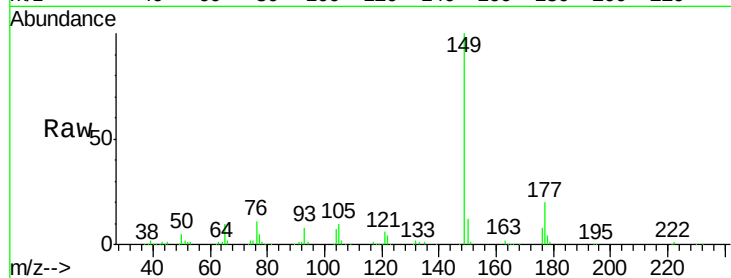




#59
Diethylphthalate
Concen: 39.76 ng
RT: 13.06 min Scan# 1004
Delta R.T. -0.05 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

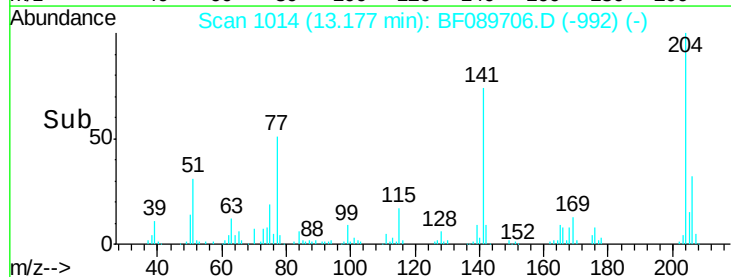
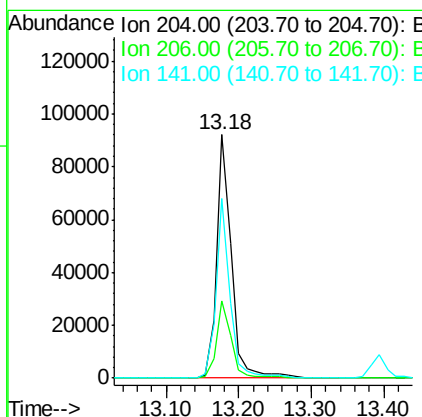
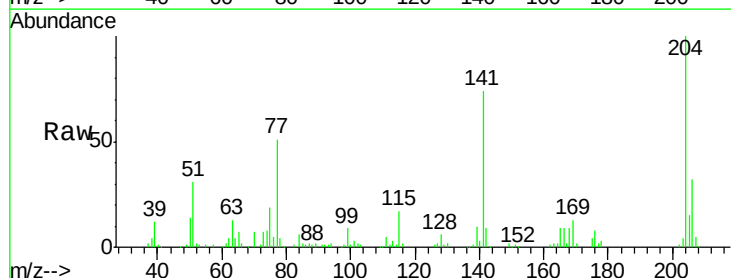
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMSD

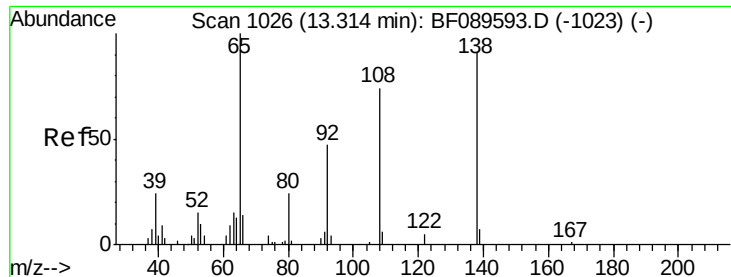
Tgt Ion:149 Resp: 312945
Ion Ratio Lower Upper
149 100
177 20.0 16.8 25.2
150 12.2 9.6 14.4



#60
4-Chlorophenyl-phenylether
Concen: 38.63 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.05 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion:204 Resp: 130013
Ion Ratio Lower Upper
204 100
206 31.8 25.0 37.4
141 73.6 56.2 84.4

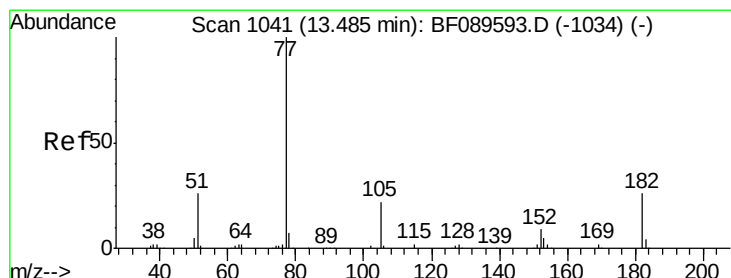
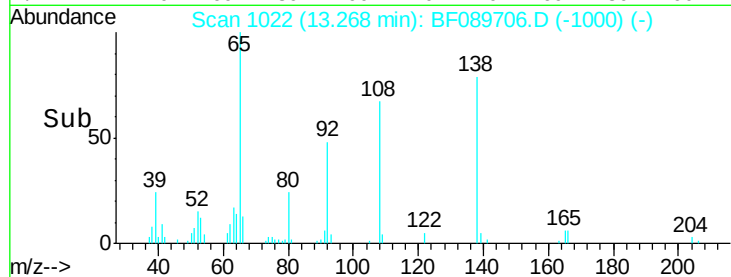
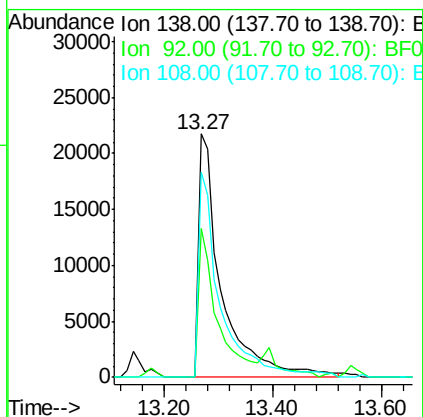
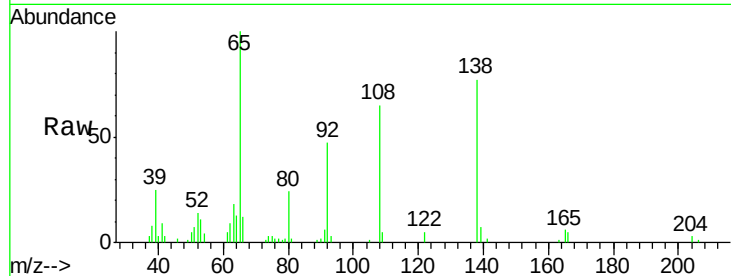




#61
4-Nitroaniline
Concen: 38.90 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

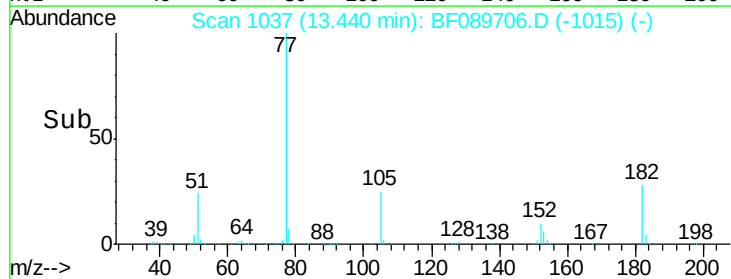
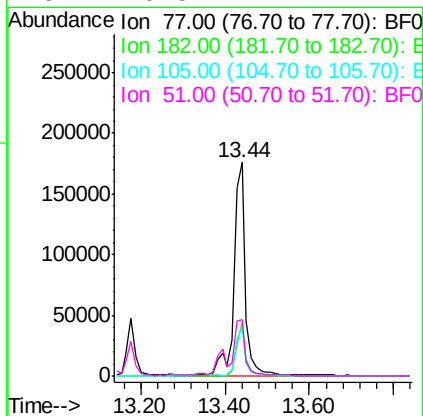
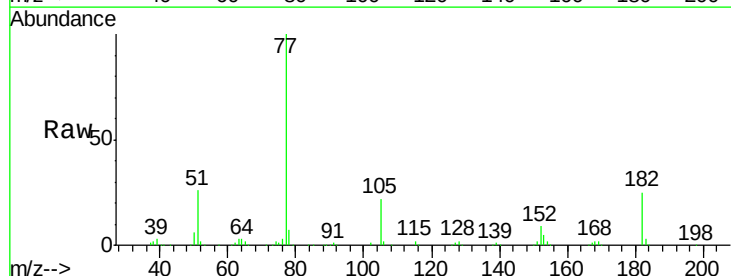
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMSD

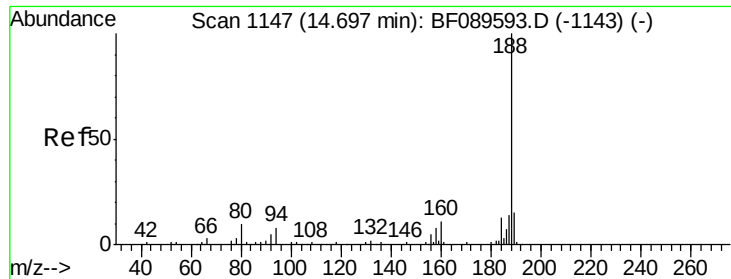
Tgt Ion:138 Resp: 63295
Ion Ratio Lower Upper
138 100
92 60.9 31.6 71.6
108 84.3 61.5 101.5



#62
Azobenzene
Concen: 45.14 ng
RT: 13.44 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion: 77 Resp: 343581
Ion Ratio Lower Upper
77 100
182 25.2 5.8 45.8
105 22.4 2.9 42.9
51 26.5 7.2 47.2

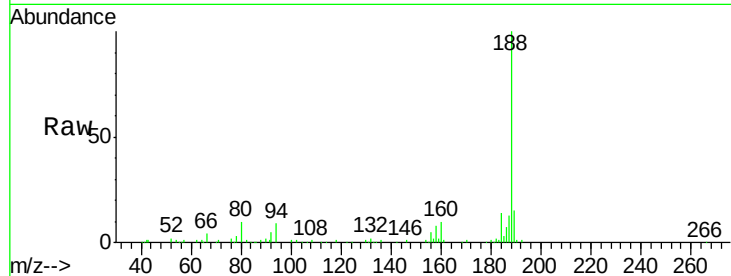




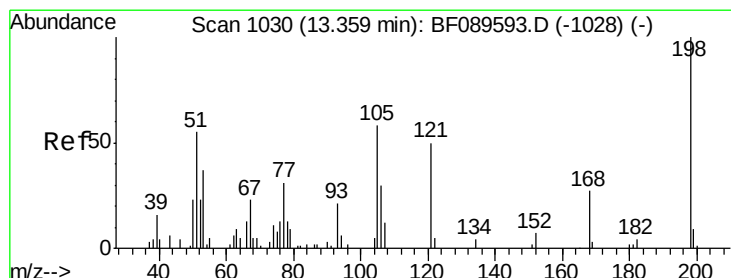
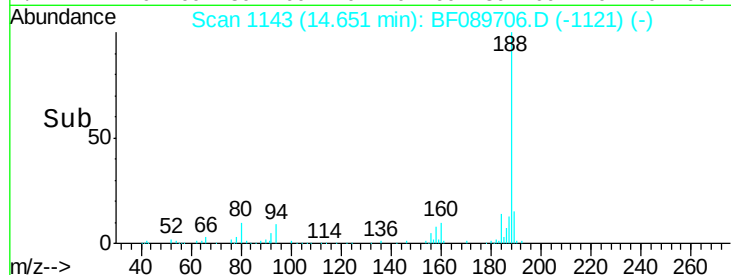
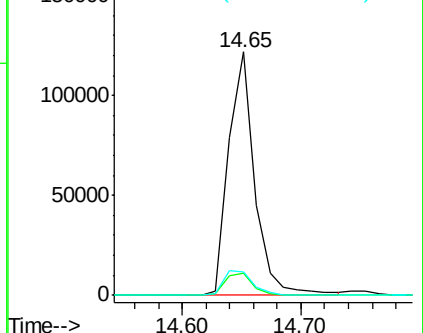
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

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

Tgt Ion:188 Resp: 185561
Ion Ratio Lower Upper
188 100
94 9.0 6.5 9.7
80 9.7 8.0 12.0

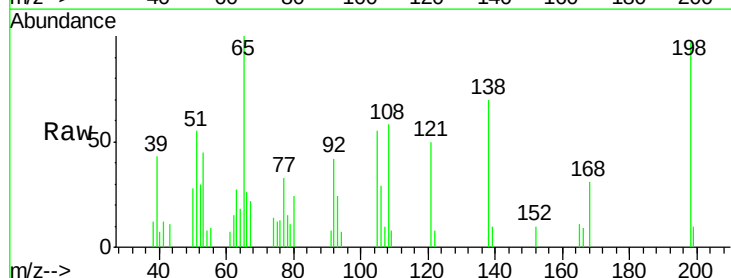


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

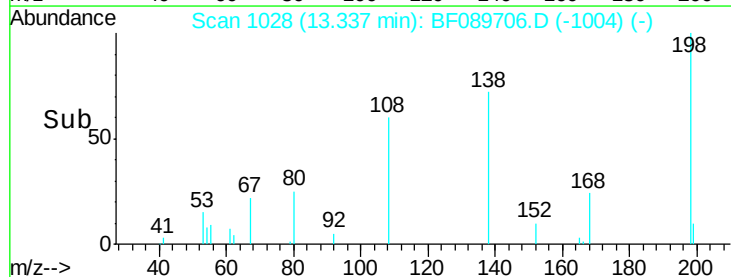
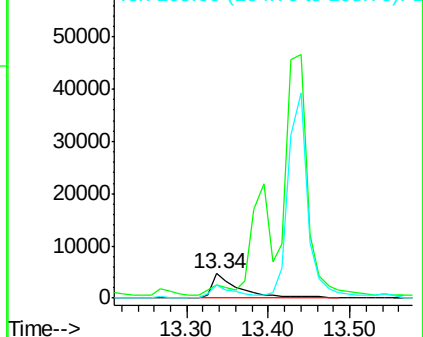


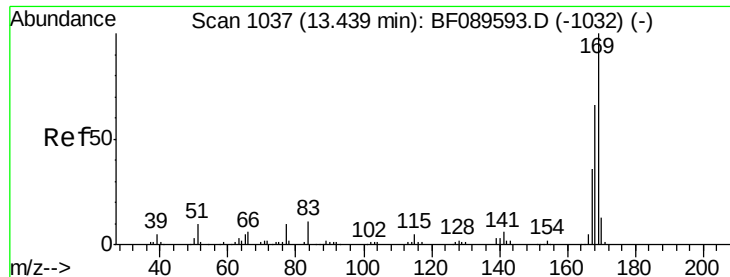
#64
4,6-Dinitro-2-methylphenol
Concen: 13.87 ng
RT: 13.34 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion:198 Resp: 10888
Ion Ratio Lower Upper
198 100
51 56.6 38.9 78.9
105 56.8 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: 39.30 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.05 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

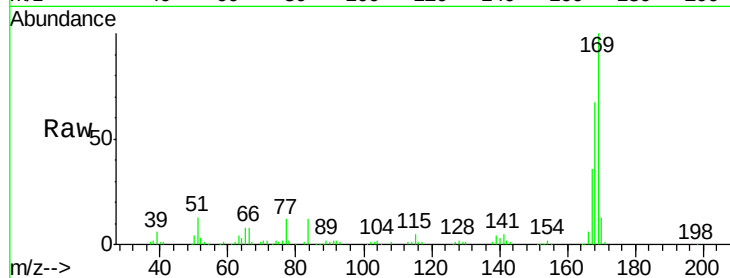
Tgt Ion:169 Resp: 246321

Ion Ratio Lower Upper

169 100

168 66.8 54.2 81.2

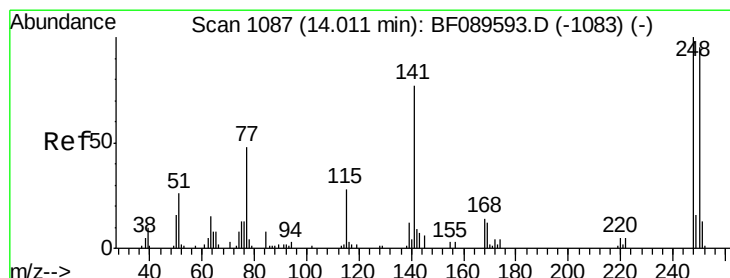
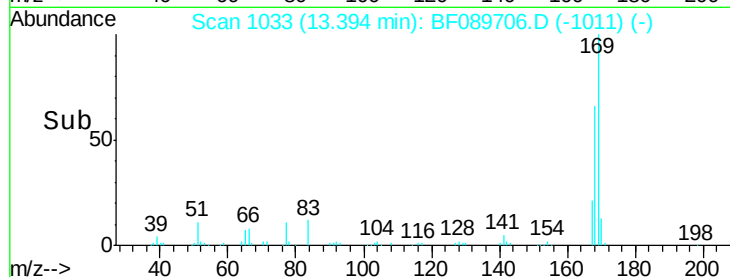
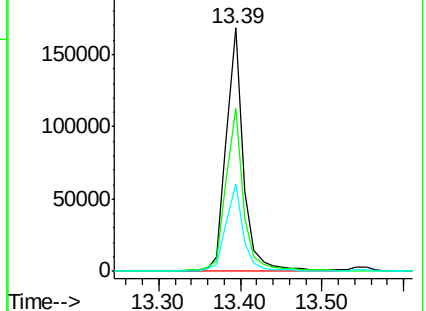
167 35.8 28.9 43.3



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: 40.65 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.05 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

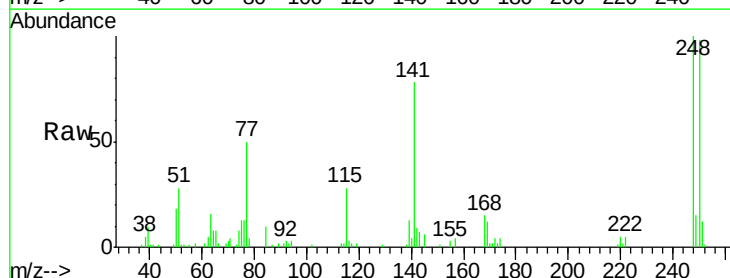
Tgt Ion:248 Resp: 72959

Ion Ratio Lower Upper

248 100

250 97.6 76.2 114.2

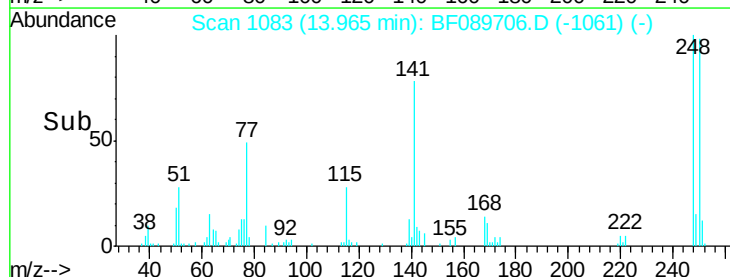
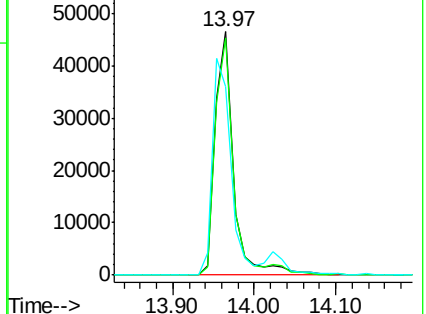
141 77.5 61.3 91.9

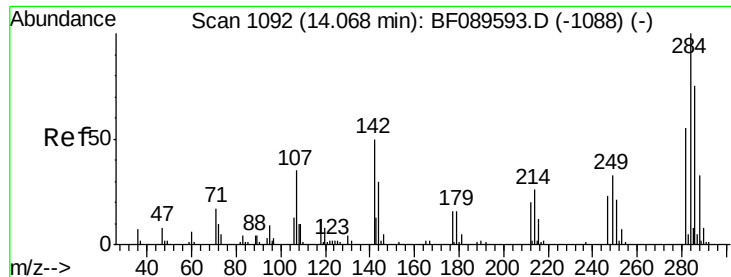


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.82 ng

RT: 14.03 min Scan# 1089

Delta R.T. -0.03 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

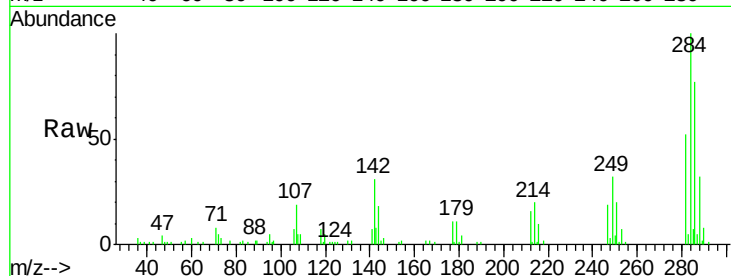
Tgt Ion:284 Resp: 72693

Ion Ratio Lower Upper

284 100

142 30.8 41.4 62.0#

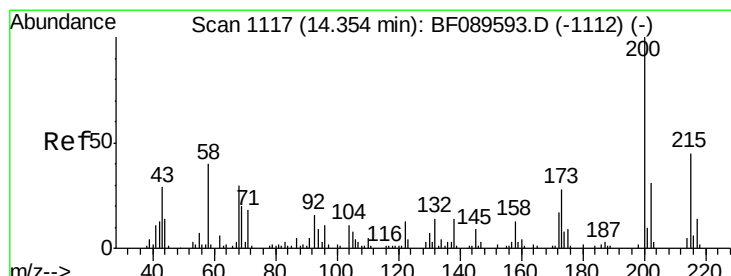
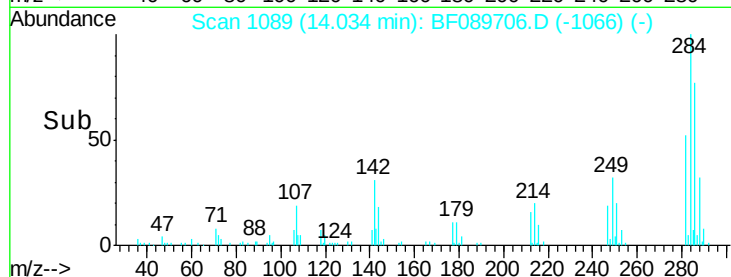
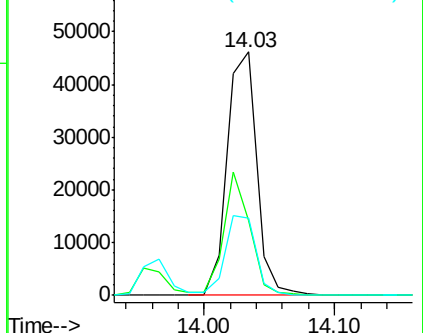
249 32.0 28.6 43.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.16 ng

RT: 14.31 min Scan# 1113

Delta R.T. -0.05 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

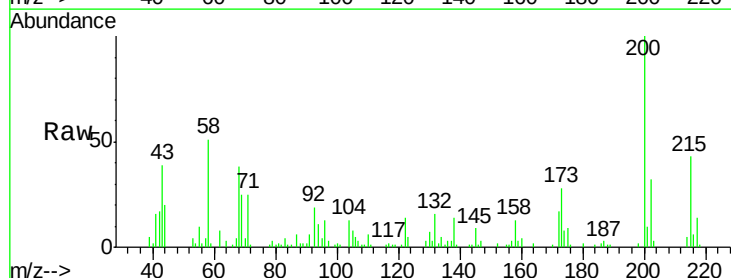
Tgt Ion:200 Resp: 75520

Ion Ratio Lower Upper

200 100

173 28.1 8.2 48.2

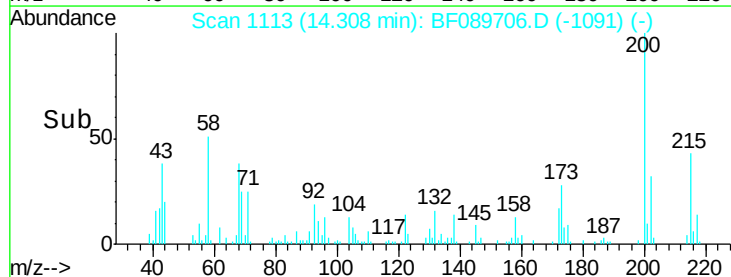
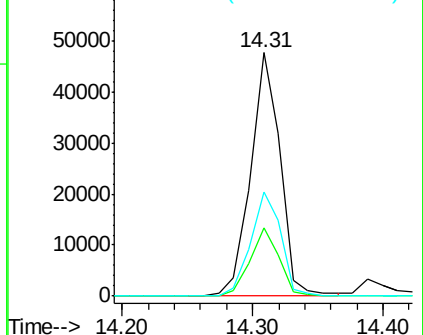
215 42.8 24.9 64.9

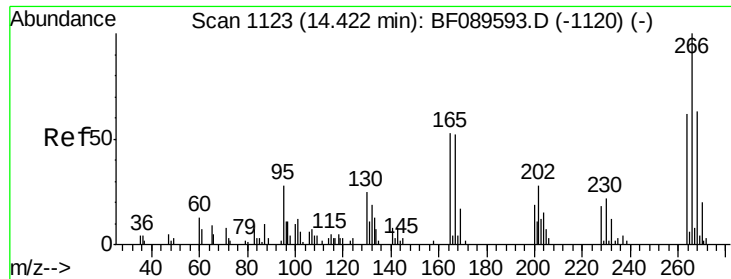


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

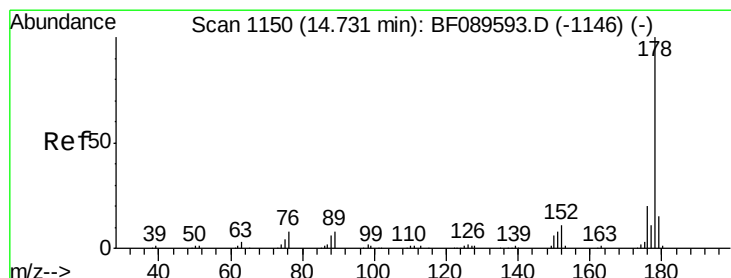
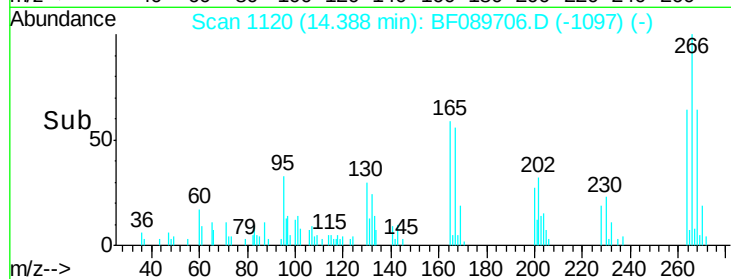
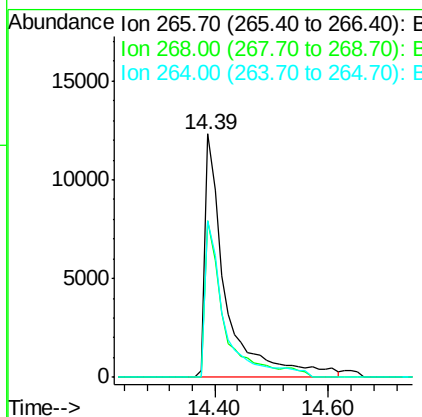
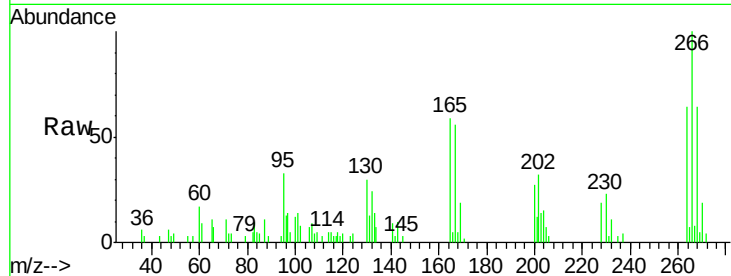




#69
 Pentachlorophenol
 Concen: 38.39 ng
 RT: 14.39 min Scan# 1120
 Delta R.T. -0.03 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

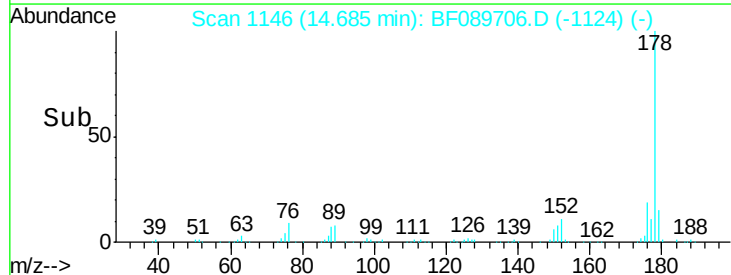
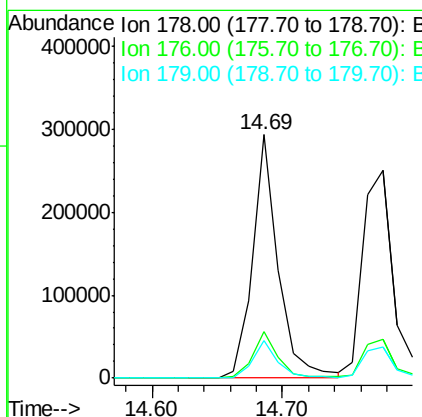
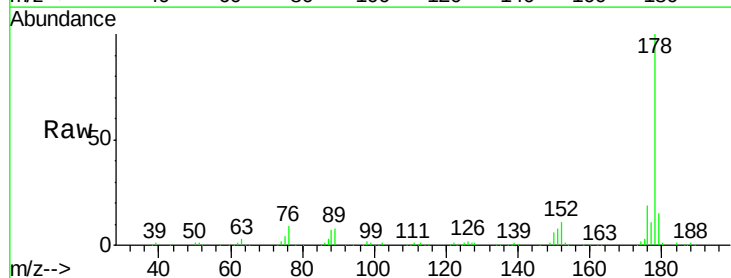
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMSD

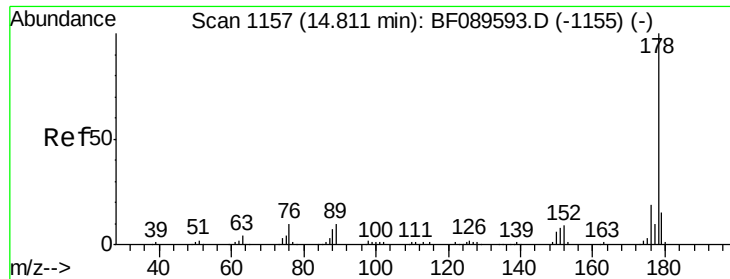
Tgt Ion: 266 Resp: 30539
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.6 75.8
 264 64.1 49.5 74.3



#70
 Phenanthrene
 Concen: 39.77 ng
 RT: 14.69 min Scan# 1146
 Delta R.T. -0.05 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion: 178 Resp: 401243
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.7 23.5
 179 15.4 12.2 18.2

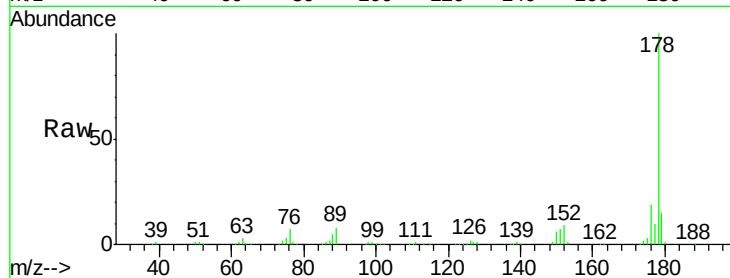




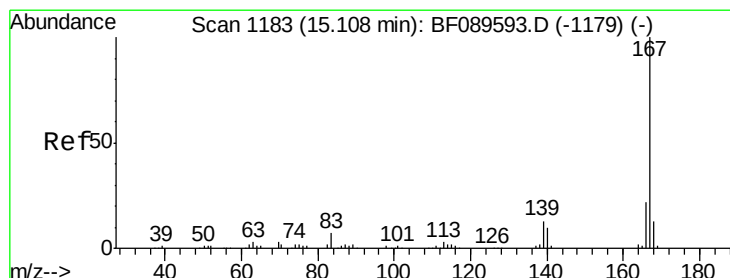
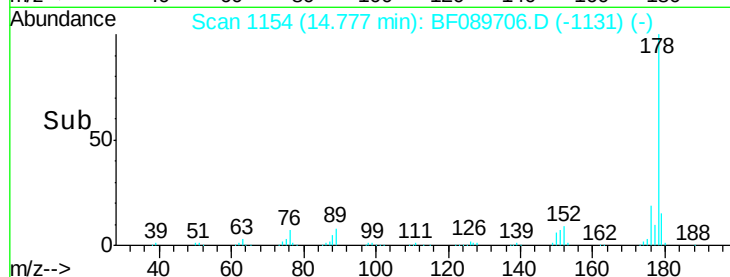
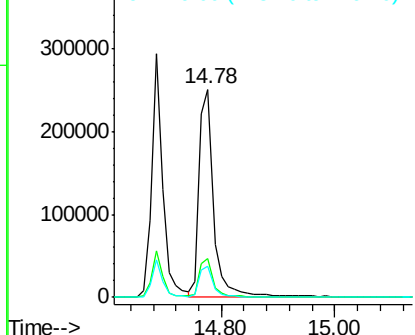
#71
 Anthracene
 Concen: 39.68 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

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

Tgt Ion:178 Resp: 429216
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.0 22.4
 179 15.1 12.4 18.6

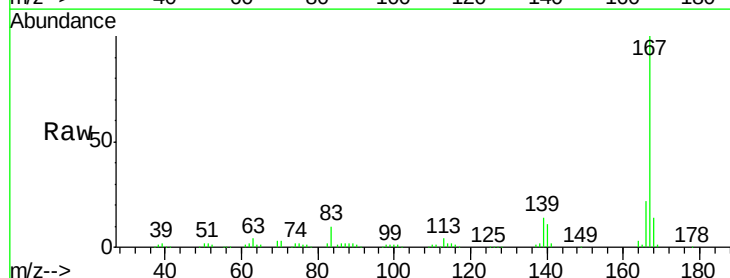


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

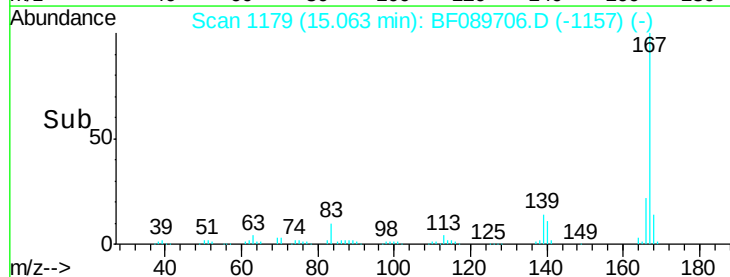
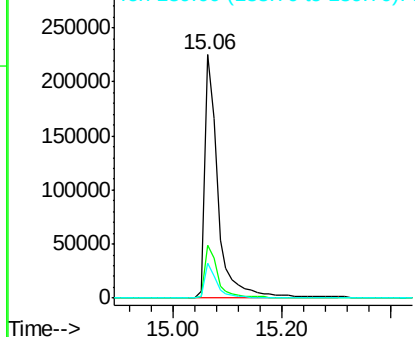


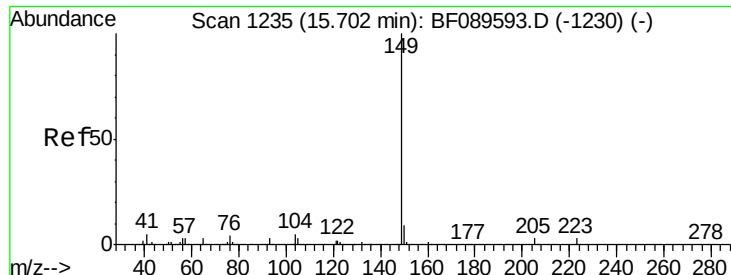
#72
 Carbazole
 Concen: 42.47 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion:167 Resp: 382919
 Ion Ratio Lower Upper
 167 100
 166 21.9 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





#73

Di-n-butylphthalate

Concen: 39.81 ng

RT: 15.66 min Scan# 1231

Delta R.T. -0.05 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

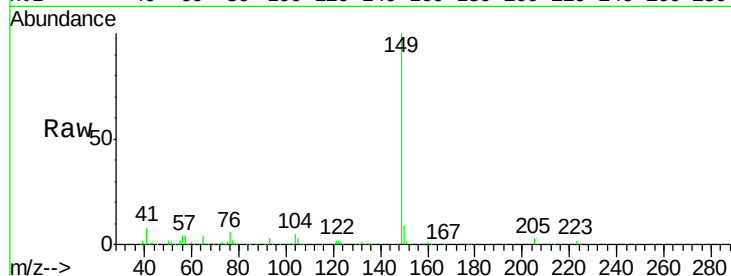
Tgt Ion:149 Resp: 485473

Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

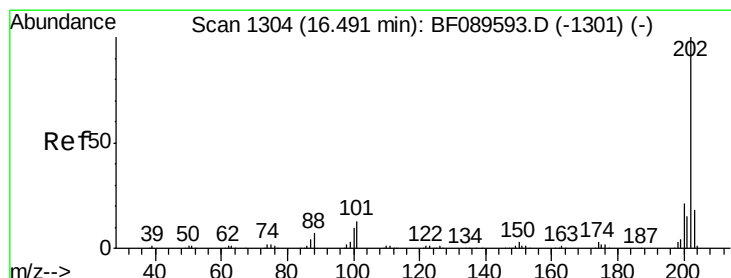
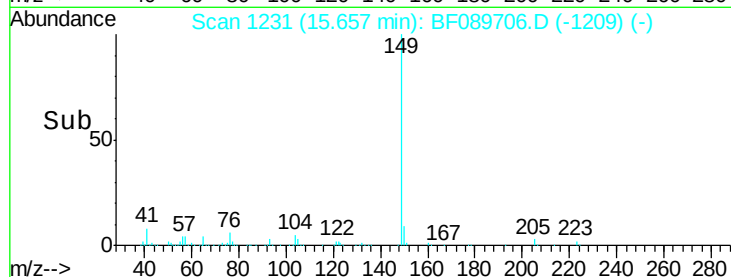
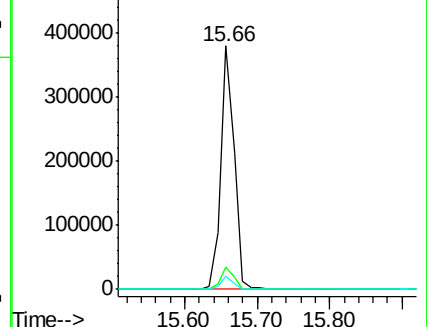
104 5.4 3.8 5.8



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: 40.35 ng

RT: 16.46 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

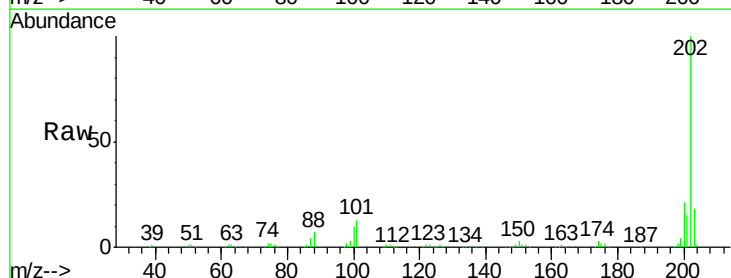
Tgt Ion:202 Resp: 418501

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.7

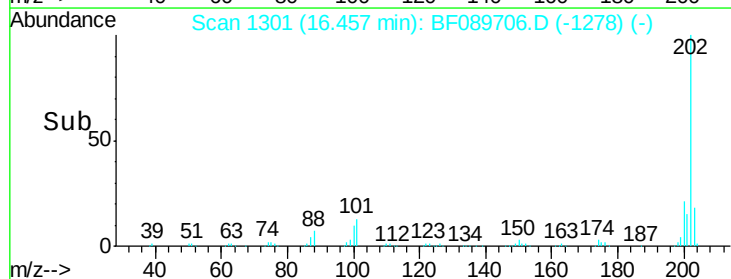
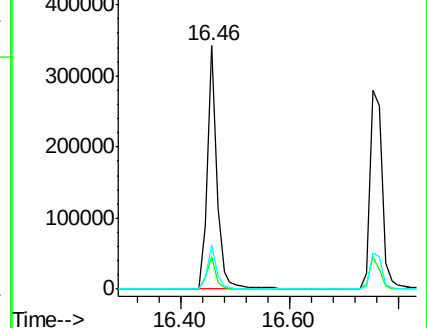
203 17.8 0.0 37.8

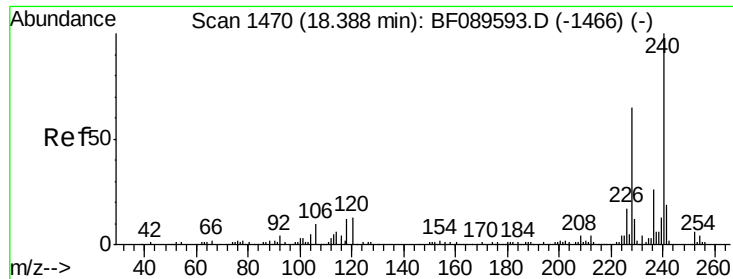


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089706.D

Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD

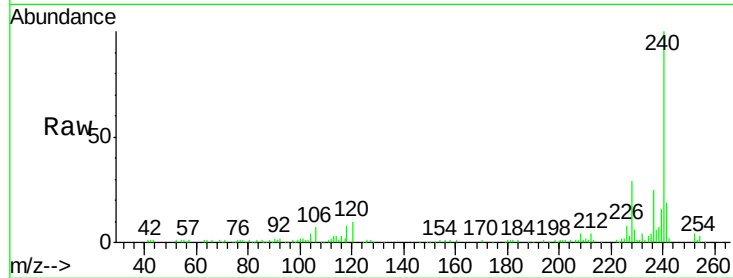
Tgt Ion:240 Resp: 149081

Ion Ratio Lower Upper

240 100

120 9.7 10.6 15.8#

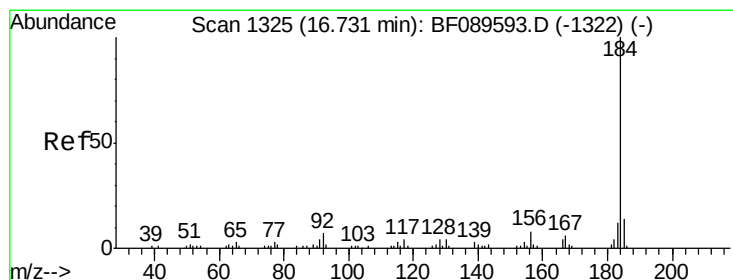
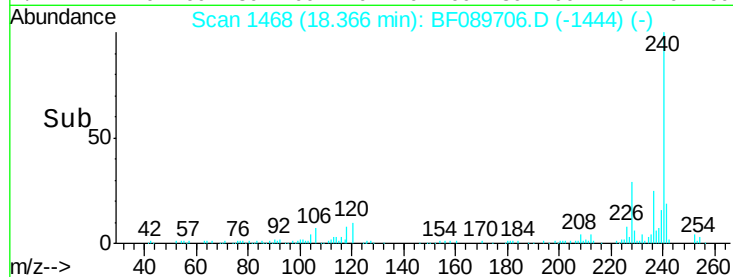
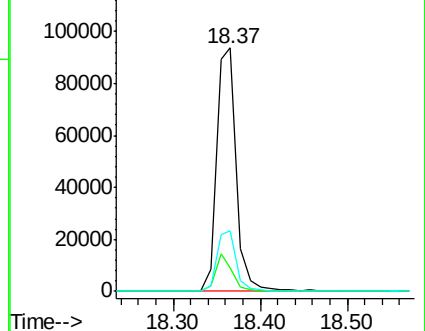
236 24.7 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.97 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BF089706.D

Acq: 10 Aug 2016 20:41

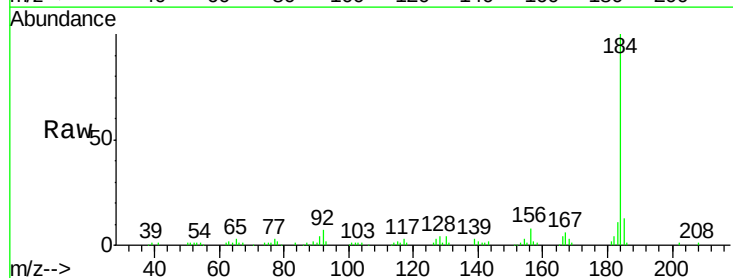
Tgt Ion:184 Resp: 207739

Ion Ratio Lower Upper

184 100

185 13.4 11.5 17.3

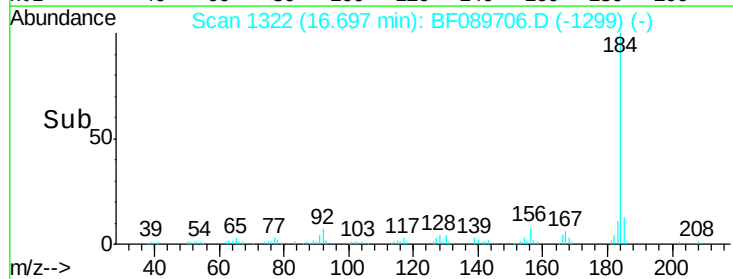
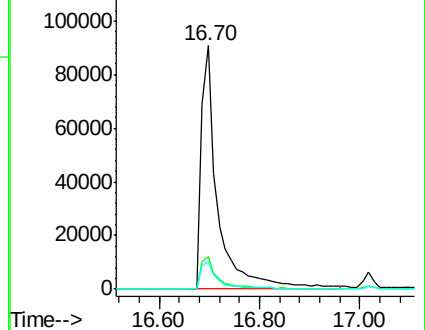
183 11.5 9.8 14.8

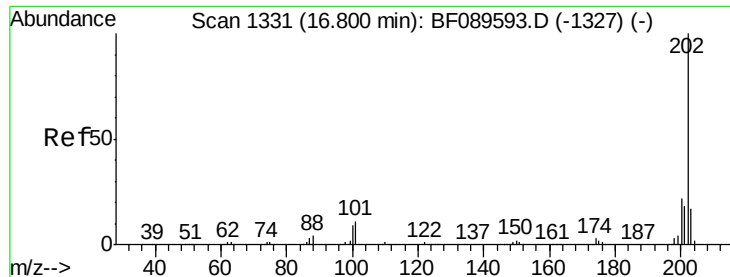


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

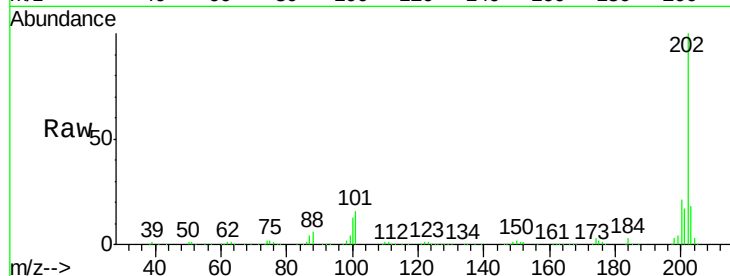




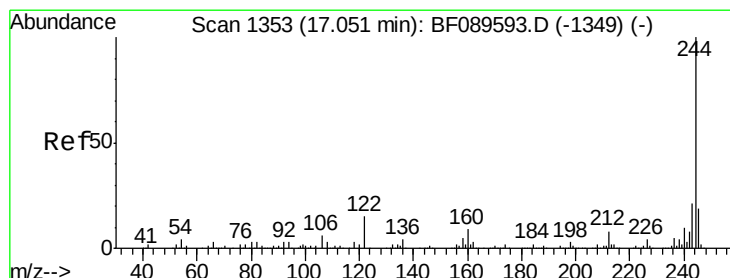
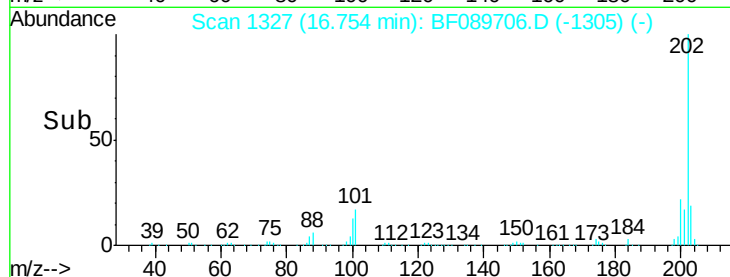
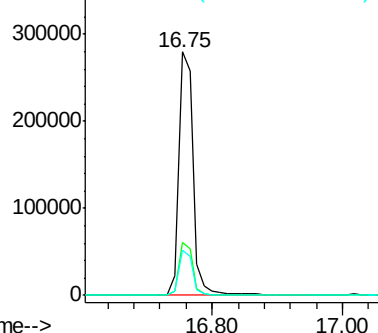
#77
Pyrene
 Concen: 32.46 ng
 RT: 16.75 min Scan# 1327
 Delta R.T. -0.05 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

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

Tgt Ion: 202 Resp: 427871
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.0
 203 18.5 13.6 20.4

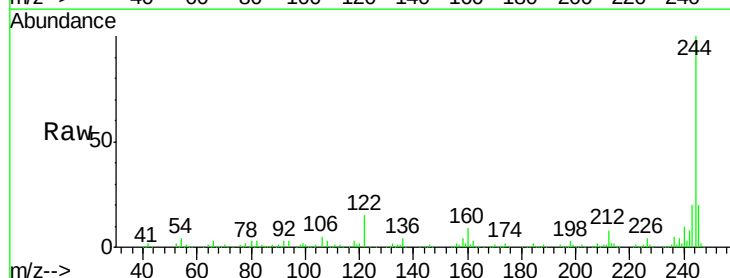


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

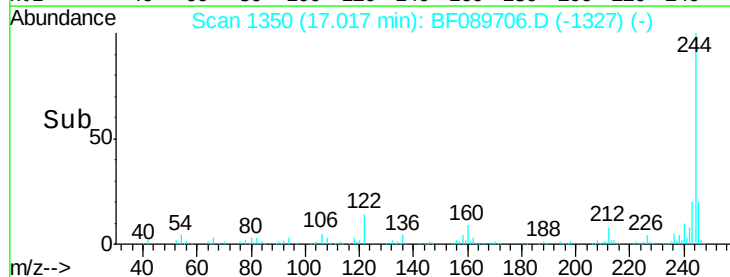
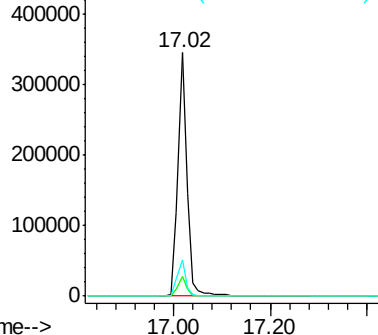


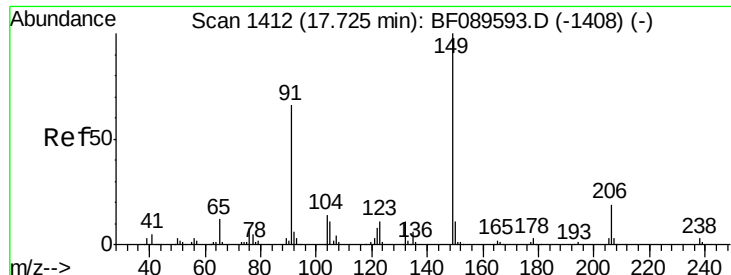
#78
Terphenyl-d14
 Concen: 60.08 ng
 RT: 17.02 min Scan# 1350
 Delta R.T. -0.03 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion: 244 Resp: 453742
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 15.0 12.2 18.2



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

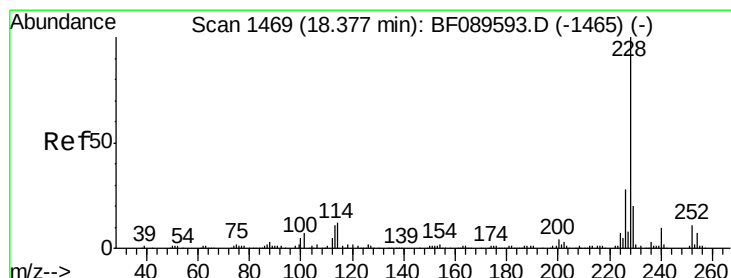
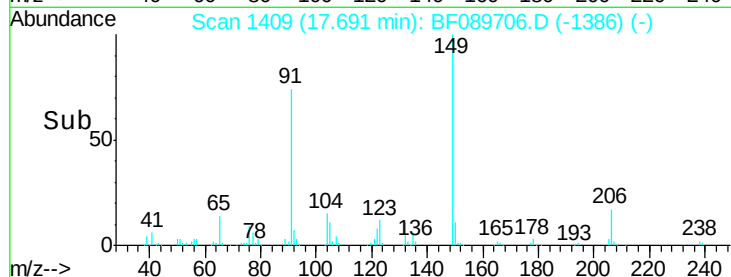
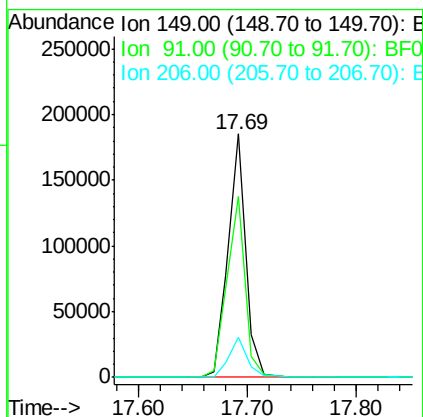
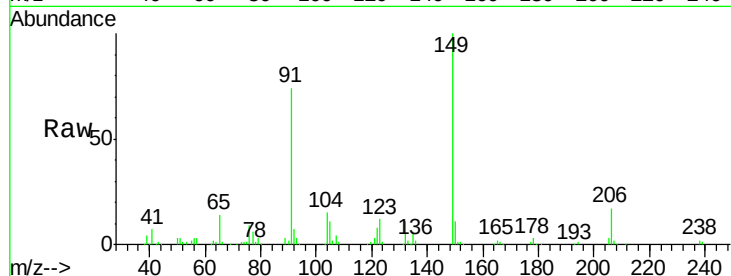




#79
Butylbenzylphthalate
Concen: 37.18 ng
RT: 17.69 min Scan# 1409
Delta R.T. -0.03 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

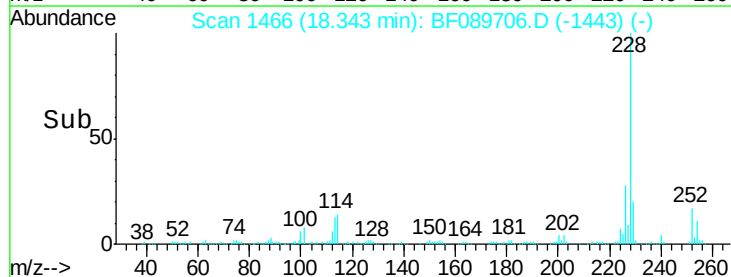
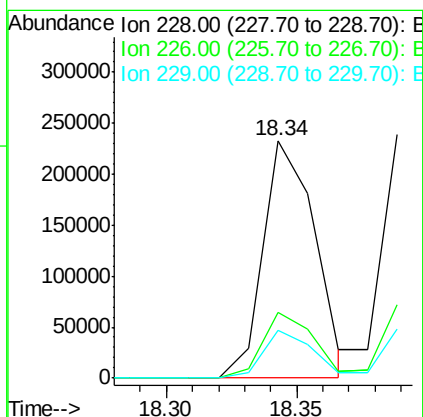
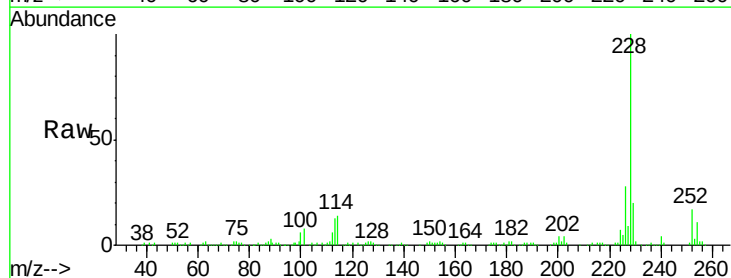
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMSD

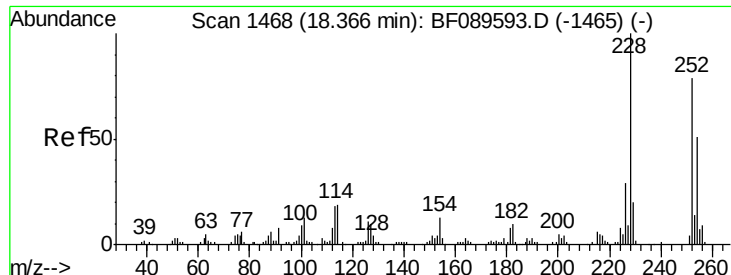
Tgt Ion	Resp	Lower	Upper
149	100		
91	74.2	52.6	78.8
206	16.6	15.4	23.0



#80
Benzo(a)anthracene
Concen: 37.82 ng
RT: 18.34 min Scan# 1466
Delta R.T. -0.03 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion	Resp	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	19.8	15.9	23.9

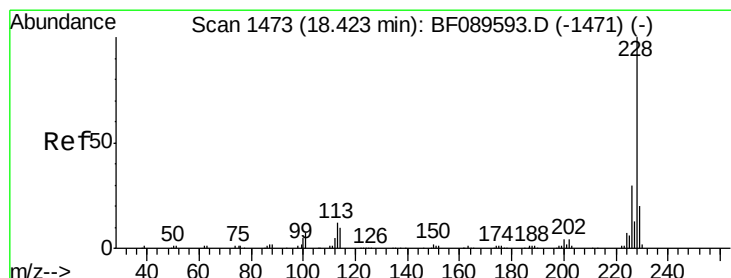
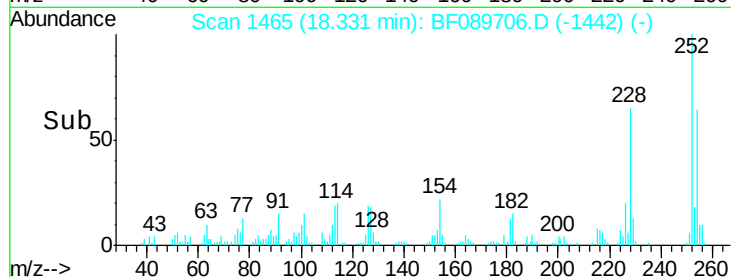
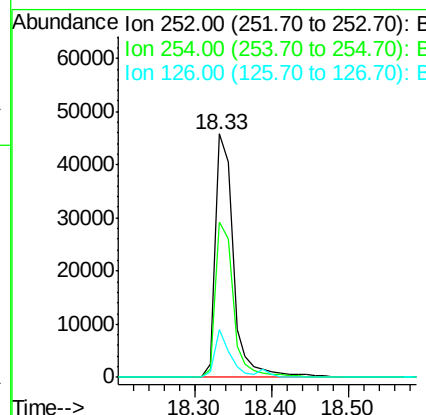
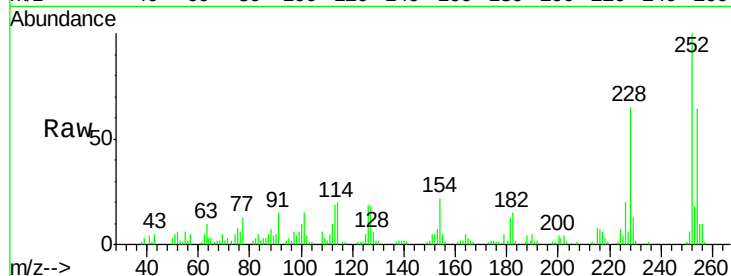




#81
 3,3'-Dichlorobenzidine
 Concen: 27.78 ng
 RT: 18.33 min Scan# 1465
 Delta R.T. -0.03 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

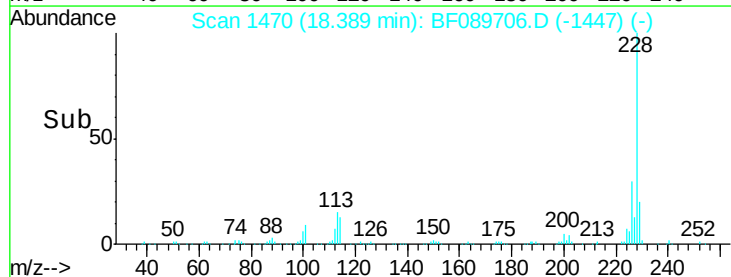
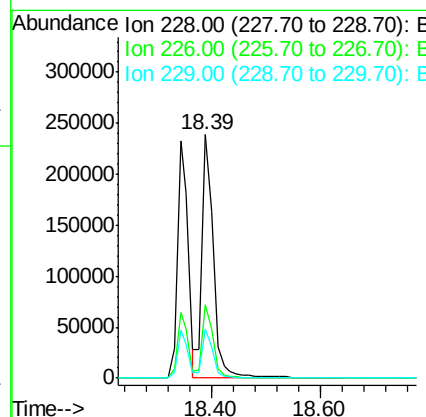
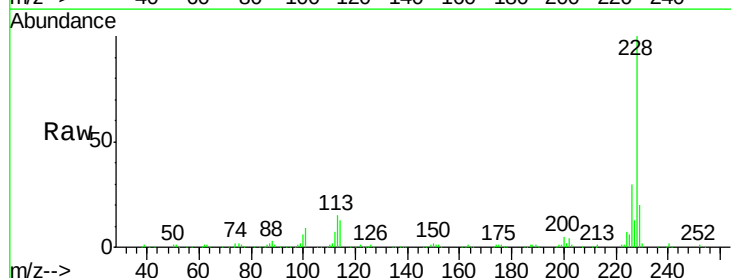
Instrument :
 BNA_F
 ClientSampleId :
 42-A-TCL-SEMI-PEST-TALMSD

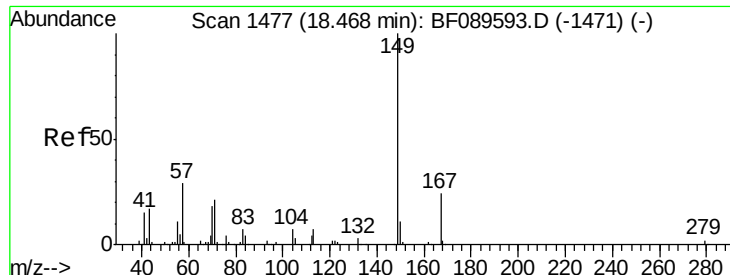
Tgt Ion:252 Resp: 74972
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.7 77.5
 126 19.5 11.0 16.4#



#82
 Chrysene
 Concen: 38.00 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. -0.03 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion:228 Resp: 341465
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.2
 229 19.9 16.0 24.0

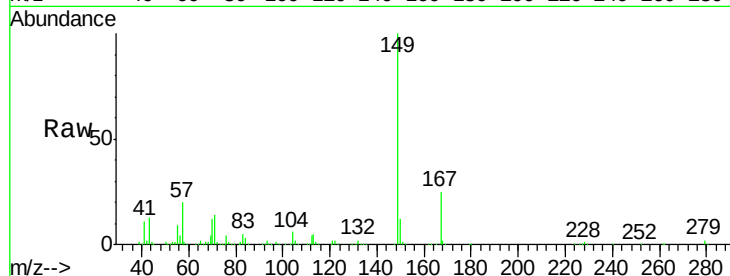




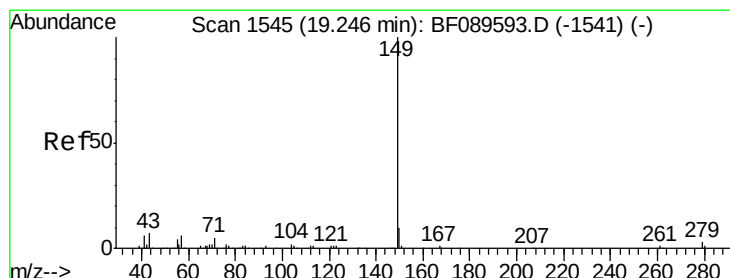
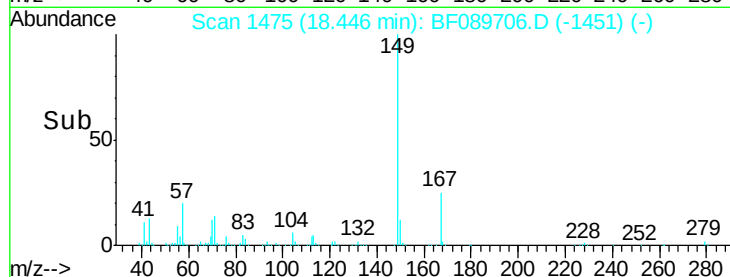
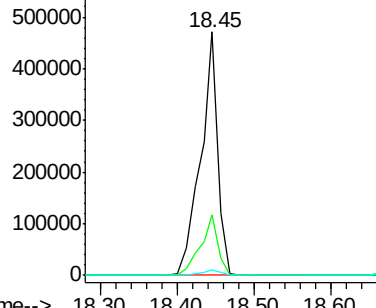
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 95.64 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.02 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

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

Tgt Ion:149 Resp: 742752
 Ion Ratio Lower Upper
 149 100
 167 25.0 19.0 28.4
 279 2.1 1.8 2.6

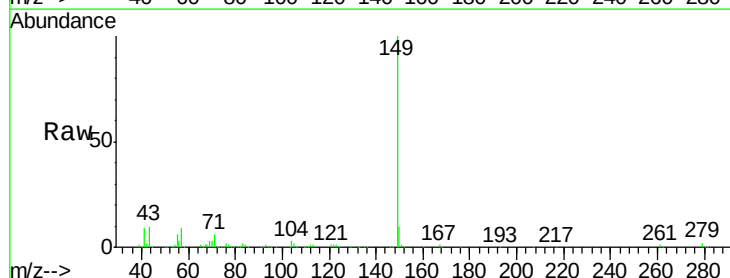


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

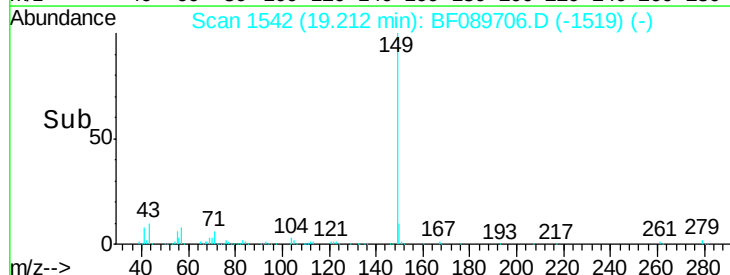
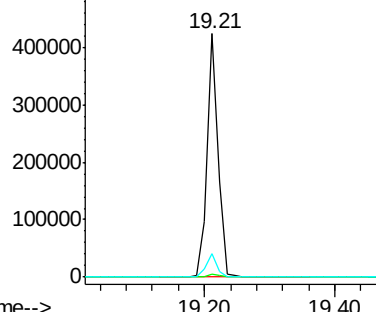


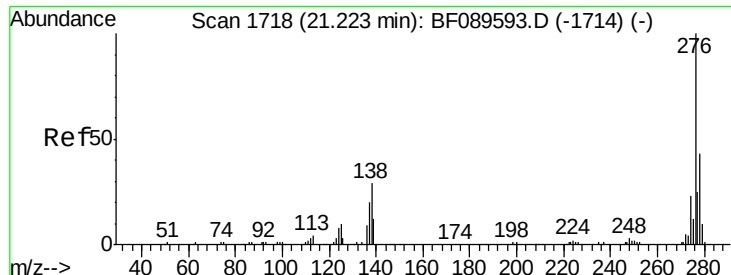
#84
 Di-n-octyl phthalate
 Concen: 43.28 ng
 RT: 19.21 min Scan# 1542
 Delta R.T. -0.03 min
 Lab File: BF089706.D
 Acq: 10 Aug 2016 20:41

Tgt Ion:149 Resp: 483700
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.2 7.0 10.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

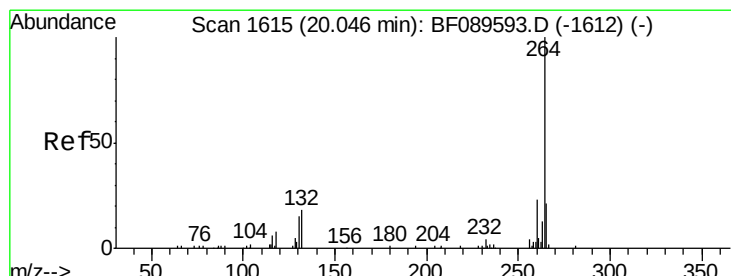
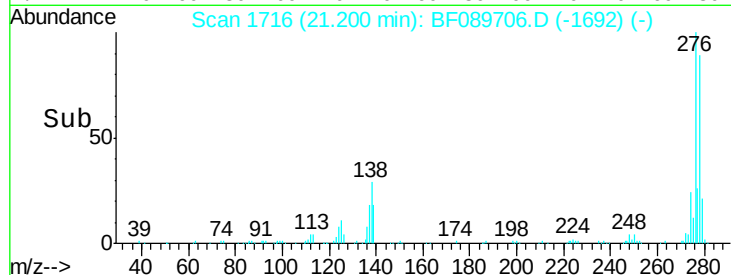
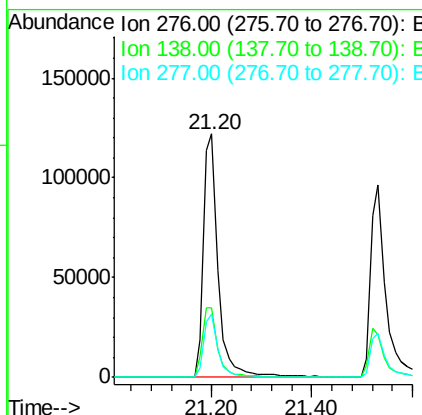
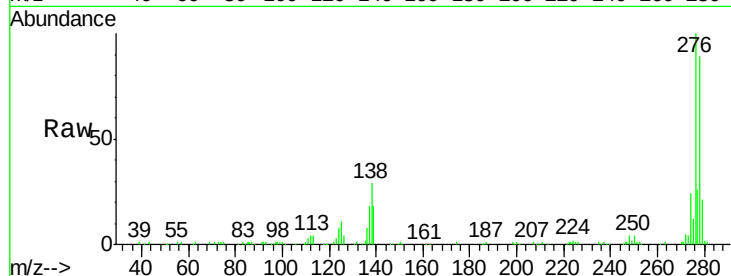




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.48 ng
RT: 21.20 min Scan# 1716
Delta R.T. -0.02 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

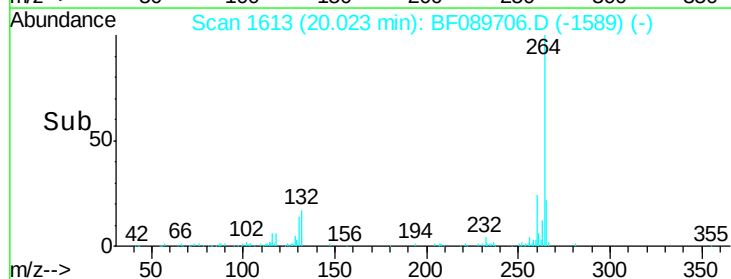
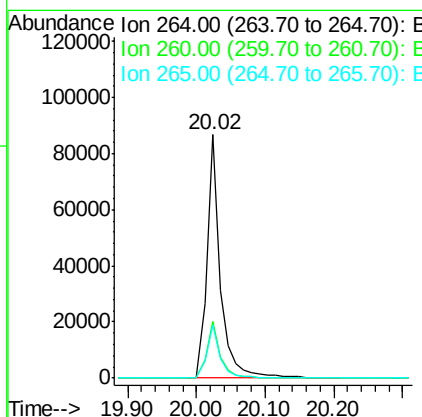
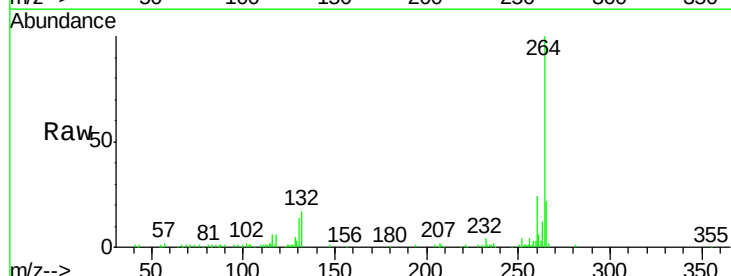
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMSD

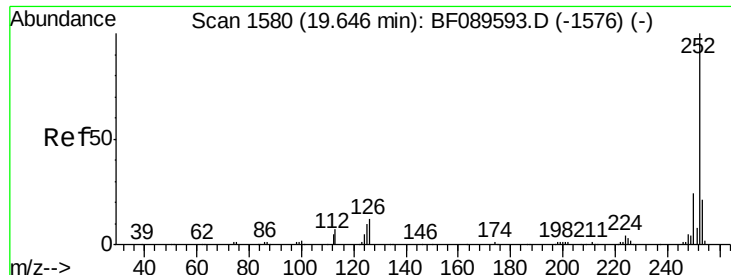
Tgt Ion: 276 Resp: 248895
Ion Ratio Lower Upper
276 100
138 30.3 23.8 35.8
277 25.3 20.3 30.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion: 264 Resp: 117971
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.7 16.5 24.7

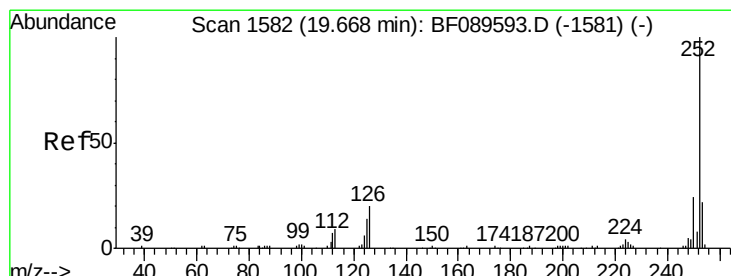
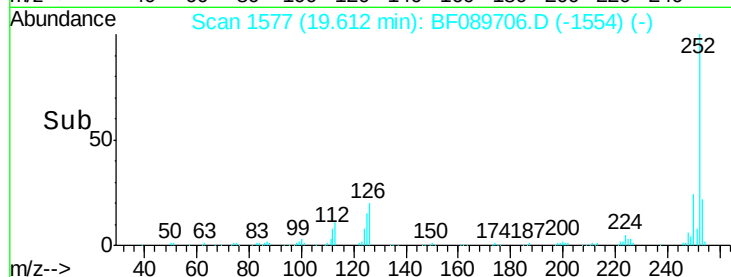
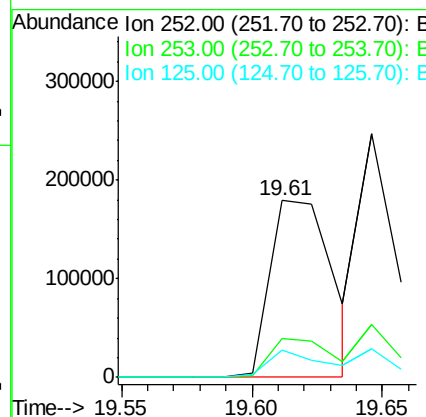
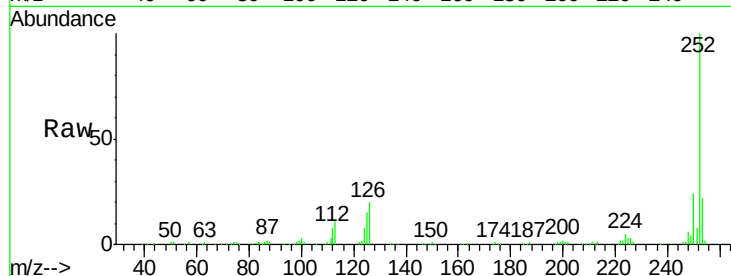




#87
Benzo(b)fluoranthene
Concen: 41.12 ng
RT: 19.61 min Scan# 1577
Delta R.T. -0.03 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

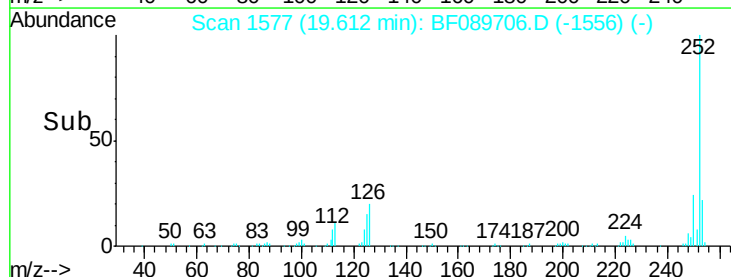
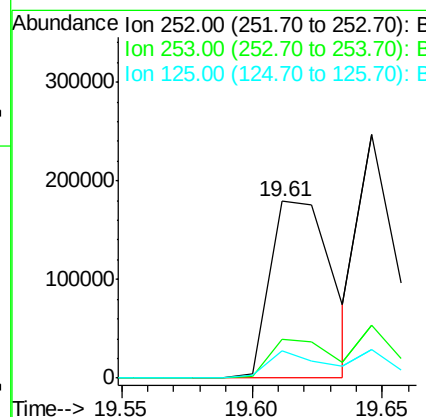
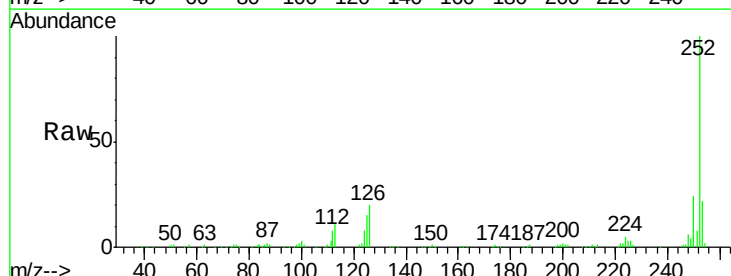
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMSD

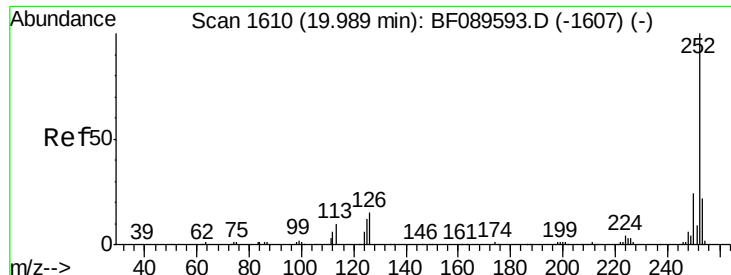
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	15.3	7.8	11.8#



#88
Benzo(k)fluoranthene
Concen: 40.76 ng
RT: 19.61 min Scan# 1577
Delta R.T. -0.06 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	15.3	11.0	16.6

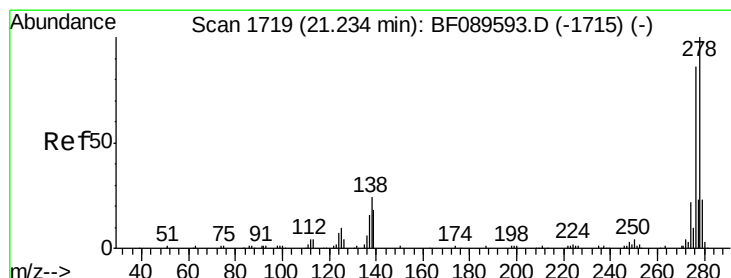
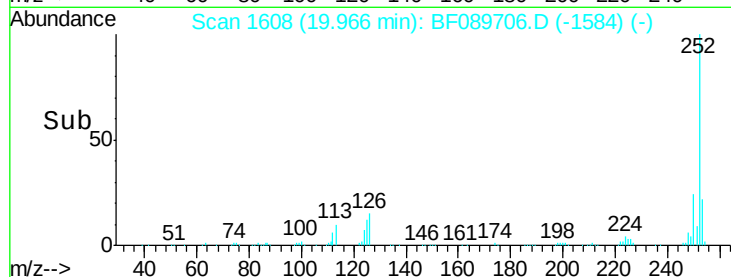
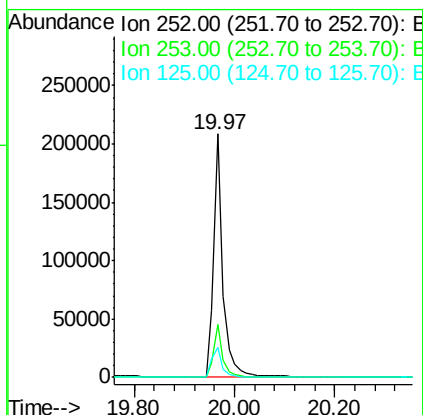
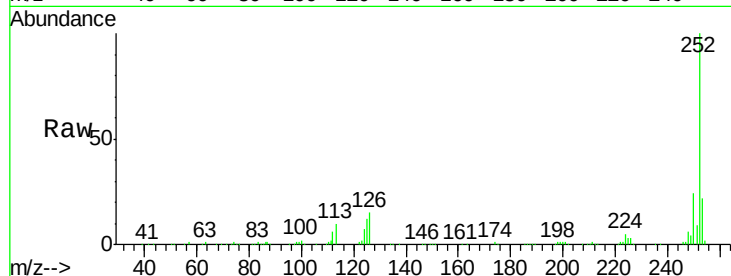




#89
Benzo(a)pyrene
Concen: 39.02 ng
RT: 19.97 min Scan# 1608
Delta R.T. -0.02 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

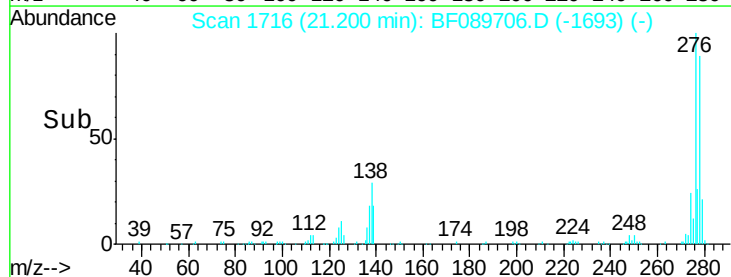
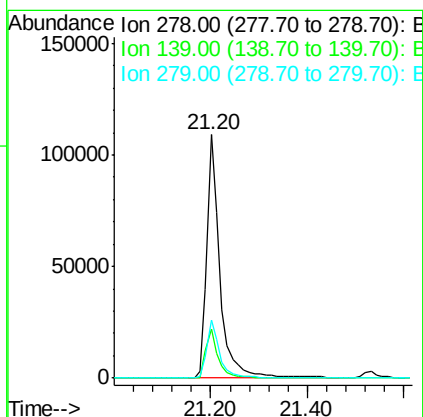
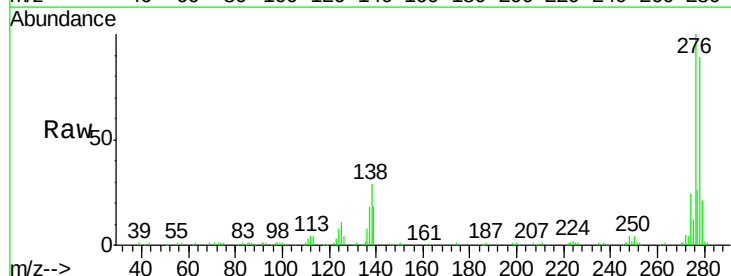
Instrument :
BNA_F
ClientSampleId :
42-A-TCL-SEMI-PEST-TALMSD

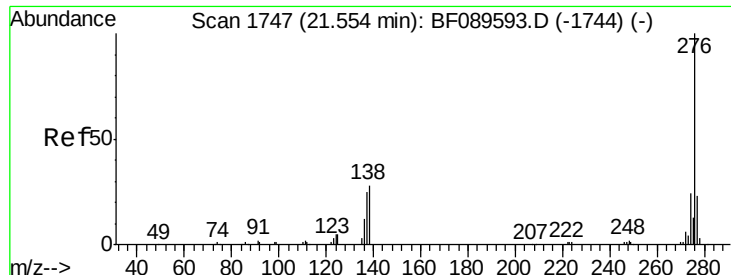
Tgt Ion:252 Resp: 265091
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 12.3 9.9 14.9



#90
Dibenzo(a,h)anthracene
Concen: 32.98 ng
RT: 21.20 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BF089706.D
Acq: 10 Aug 2016 20:41

Tgt Ion:278 Resp: 209293
Ion Ratio Lower Upper
278 100
139 20.3 14.6 21.8
279 23.7 18.4 27.6





#91

Benzo(g,h,i)perylene

Concen: 31.16 ng

RT: 21.53 min Scan# 1745

Delta R.T. -0.02 min

Lab File: BF089706.D

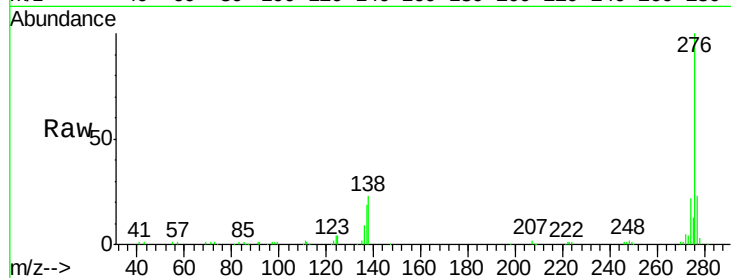
Acq: 10 Aug 2016 20:41

Instrument :

BNA_F

ClientSampleId :

42-A-TCL-SEMI-PEST-TALMSD



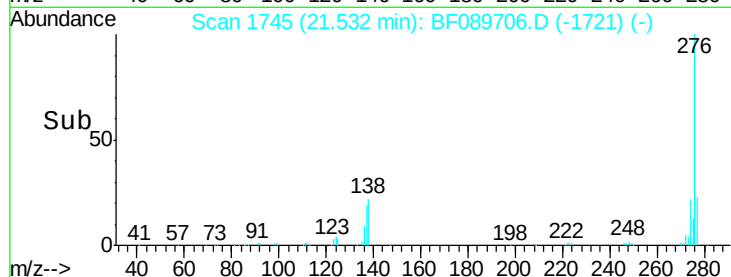
Tgt Ion: 276 Resp: 202454

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 22.5 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

