

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088418.D
 Acq On : 26 Jun 2016 15:06
 Operator : UM/SJ
 Sample : H3624-17MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Quant Time: Jun 27 03:54:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	220793	20.00	ng	0.10
21) Naphthalene-d8	7.84	136	293670	20.00	ng	-0.06
38) Acenaphthene-d10	9.58	164	133837	20.00	ng	-0.07
63) Phenanthrene-d10	11.06	188	253143	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	169725	20.00	ng	-0.06
86) Perylene-d12	15.03	264	166844	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	543700	42.10	ng	-0.03
7) Phenol-d6	6.23	99	635556	40.60	ng	-0.03
23) Nitrobenzene-d5	7.13	82	387899	77.13	ng	-0.05
41) 2,4,6-Tribromophenol	10.38	330	155437	109.99	ng	-0.06
44) 2-Fluorobiphenyl	8.91	172	594411	68.71	ng	-0.06
78) Terphenyl-d14	12.64	244	529930	71.05	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.01	88	70172	11.18	ng	# 35
3) Pyridine	2.64	79	162589	10.97	ng	90
4) n-Nitrosodimethylamine	2.60	42	73677	11.74	ng	79
6) Aniline	6.30	93	223628	10.04	ng	# 56
8) 2-Chlorophenol	6.34	128	230935	15.11	ng	86
10) Phenol	6.24	94	290383	16.39	ng	96
11) bis(2-Chloroethyl)ether	6.30	93	223697	16.30	ng	88
12) 1,3-Dichlorobenzene	6.72	146	209542	12.78	ng	95
13) 1,4-Dichlorobenzene	6.72	146	212881	12.88	ng	99
14) 1,2-Dichlorobenzene	6.72	146	216880	14.43	ng	96
15) Benzyl Alcohol	6.72	79	154413	12.61	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	208547	11.25	ng	# 1
17) 2-Methylphenol	7.00	107	226594	18.28	ng	# 77
19) n-Nitroso-di-n-propylamine	6.98	70	142398	14.22	ng	90
20) 3+4-Methylphenols	7.00	107	224665	15.53	ng	# 78
22) Acetophenone	6.98	105	308893	47.07	ng	# 95
24) Nitrobenzene	7.14	77	195856	40.20	ng	88
25) Isophorone	7.39	82	402140	43.17	ng	95
26) 2-Nitrophenol	7.46	139	121296	46.48	ng	90
27) 2,4-Dimethylphenol	7.52	122	185229	38.55	ng	93
28) bis(2-Chloroethoxy)methane	7.61	93	259718	44.95	ng	98
29) 2,4-Dichlorophenol	7.71	162	193931	48.34	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	180203	41.25	ng	99
31) Naphthalene	7.86	128	642427	44.21	ng	98
32) Benzoic acid	7.66	122	7718	2.92	ng	# 77
33) 4-Chloroaniline	7.93	127	96245	14.83	ng	# 94
34) Hexachlorobutadiene	7.98	225	96390	41.84	ng	98
35) Caprolactam	8.31	113	35465	26.69	ng	# 83
36) 4-Chloro-3-methylphenol	8.43	107	199075	46.40	ng	98
37) 2-Methylnaphthalene	8.65	142	388657	40.58	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	173657	53.06	ng	# 1
40) Hexachlorocyclopentadiene	8.70	237	38754	17.95	ng	99
42) 2,4,6-Trichlorophenol	8.84	196	112751	42.13	ng	98
43) 2,4,5-Trichlorophenol	8.89	196	118880	42.69	ng	# 88

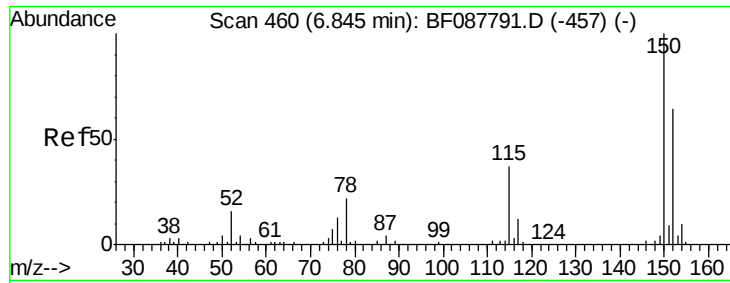
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.02	154	505530	51.17	nq	96
46) 2-Chloronaphthalene	9.04	162	386112	44.58	nq	94
47) 2-Nitroaniline	9.15	65	115622	45.26	nq #	57
48) Acenaphthylene	9.44	152	602240	43.72	nq	100
49) Dimethylphthalate	9.32	163	567132	58.50	nq	100
50) 2,6-Dinitrotoluene	9.39	165	110377	49.71	nq #	82
51) Acenaphthene	9.61	154	335397	39.03	nq	99
52) 3-Nitroaniline	9.56	138	65271	25.48	nq	83
53) 2,4-Dinitrophenol	9.69	184	18011	20.14	nq	90
54) Dibenzofuran	9.78	168	508199	42.94	nq #	82
55) 4-Nitrophenol	9.78	139	329410	165.66	nq #	14
56) 2,4-Dinitrotoluene	9.80	165	137636	48.24	nq	95
57) Fluorene	10.12	166	381807	48.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	106416	48.63	nq #	59
59) Diethylphthalate	10.02	149	465598	47.44	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	173311	44.03	nq	98
61) 4-Nitroaniline	10.18	138	108775	44.76	nq	99
62) Azobenzene	10.28	77	441518	45.50	nq	93
64) 4,6-Dinitro-2-methylphenol	10.22	198	52954	34.16	nq #	65
65) n-Nitrosodiphenylamine	10.25	169	377112	44.90	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	110746	40.78	nq #	79
67) Hexachlorobenzene	10.67	284	117037	41.48	nq #	87
68) Atrazine	10.79	200	125606	49.38	nq	95
69) Pentachlorophenol	10.88	266	100217	67.38	nq	97
70) Phenanthrene	11.08	178	674893	50.81	nq	99
71) Anthracene	11.13	178	627902	46.86	nq	99
72) Carbazole	11.30	167	619497	49.41	nq	98
73) Di-n-butylphthalate	11.63	149	715804	45.10	nq	98
74) Fluoranthene	12.26	202	832847	59.41	nq	99
76) Benzidine	12.40	184	119265	25.38	nq	97
77) Pyrene	12.49	202	855947	67.96	nq	99
79) Butylbenzylphthalate	13.11	149	282533	50.74	nq #	81
80) Benzo(a)anthracene	13.67	228	547862	56.64	nq	99
81) 3,3'-Dichlorobenzidine	13.65	252	74674	28.71	nq #	98
82) Chrysene	13.71	228	559353	61.47	nq	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	345893	51.03	nq #	97
84) Di-n-octyl phthalate	14.29	149	674724	61.26	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.26	276	429825	50.84	nq #	100
87) Benzo(b)fluoranthene	14.67	252	926485	79.67	nq #	97
88) Benzo(k)fluoranthene	14.67	252	926485	105.62	nq	98
89) Benzo(a)pyrene	14.98	252	441168	46.89	nq	98
90) Dibenzo(a,h)anthracene	16.26	278	348179	39.84	nq	98
91) Benzo(g,h,i)perylene	16.63	276	372397	41.43	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.10 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

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SC-STA-1501(0-4)MSD

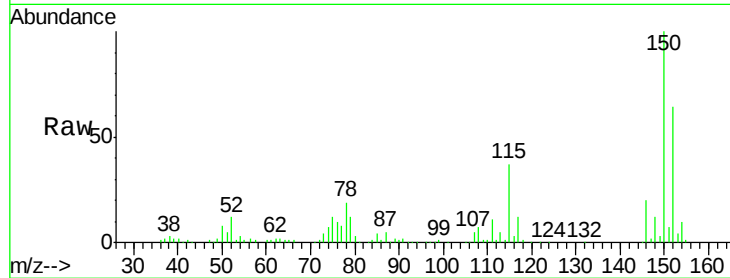
Tot Ion:152 Resp: 220793

Ion Ratio Lower Upper

152 100

150 156.5 123.8 185.6

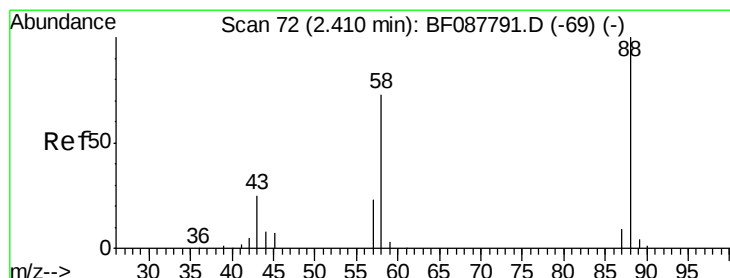
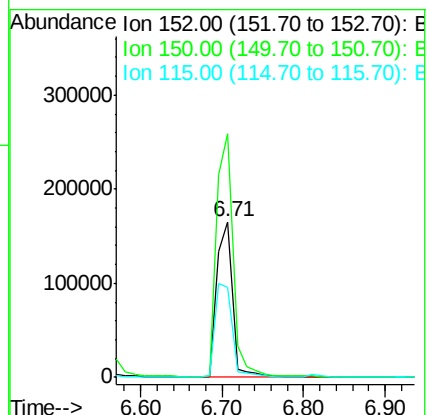
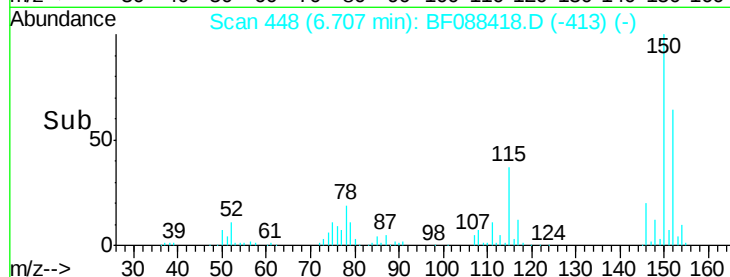
115 57.7 39.6 59.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 11.18 ng

RT: 2.01 min Scan# 37

Delta R.T. -0.01 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

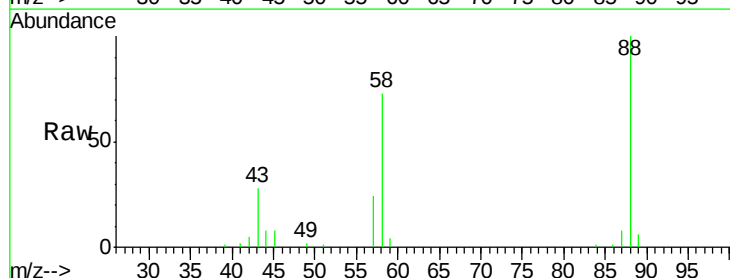
Tgt Ion: 88 Resp: 70172

Ion Ratio Lower Upper

88 100

58 70.6 0.0 0.0#

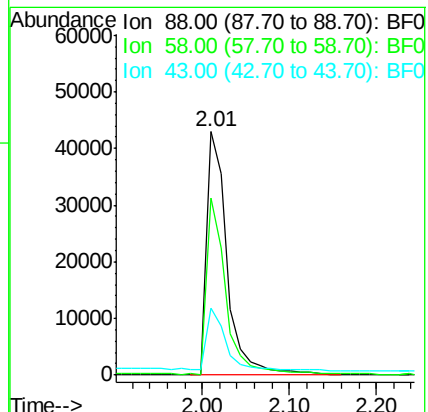
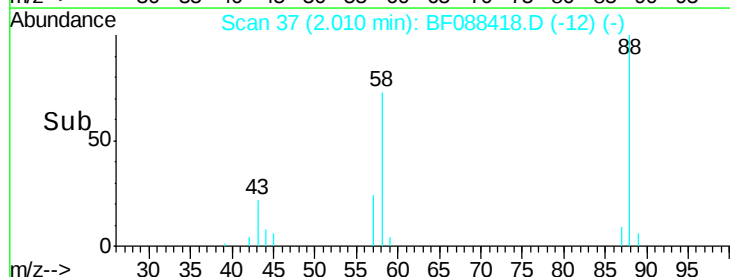
43 25.8 3.4 5.2#

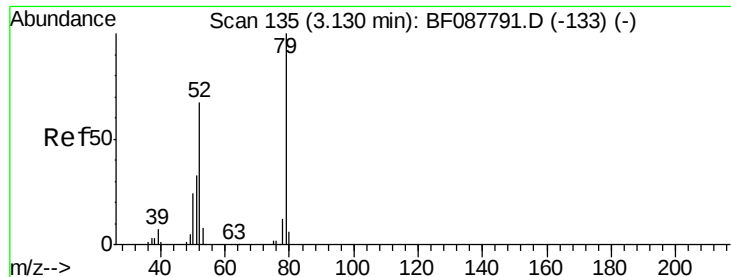


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 10.97 ng

RT: 2.64 min Scan# 92

Delta R.T. -0.03 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

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ClientSampleId :

SC-STA-1501(0-4)MSD

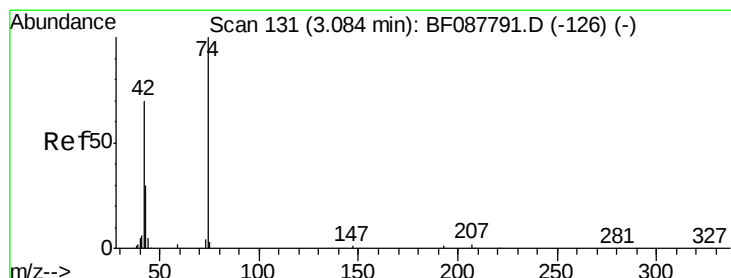
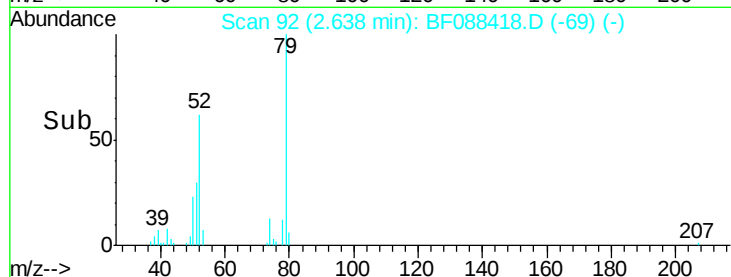
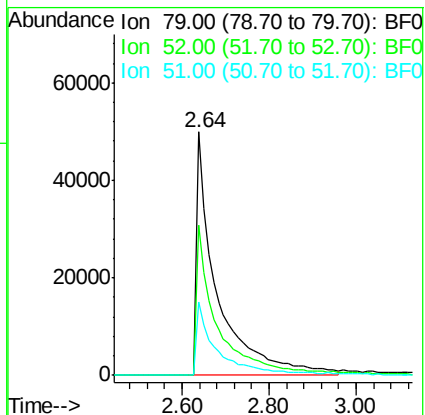
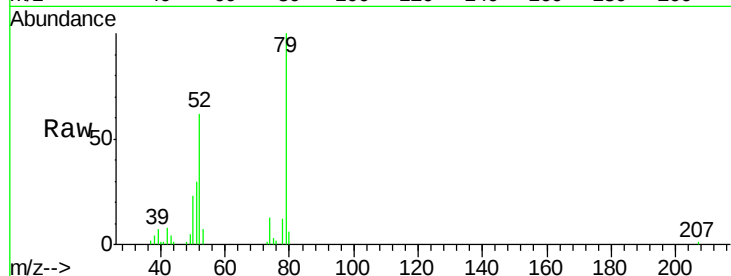
Tot Ion: 79 Resp: 162589

Ion Ratio Lower Upper

79 100

52 61.8 56.3 84.5

51 29.9 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 11.74 ng

RT: 2.60 min Scan# 89

Delta R.T. -0.02 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

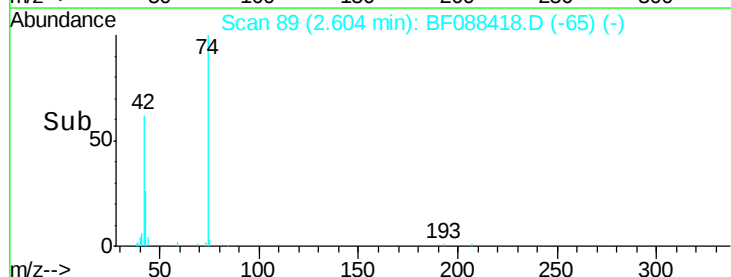
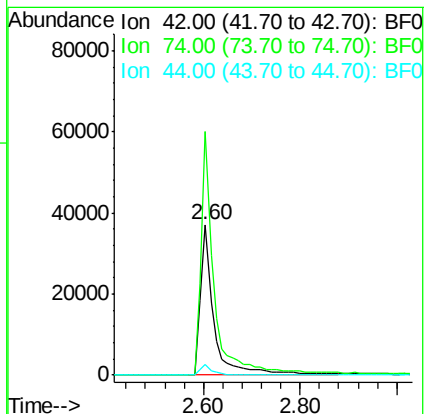
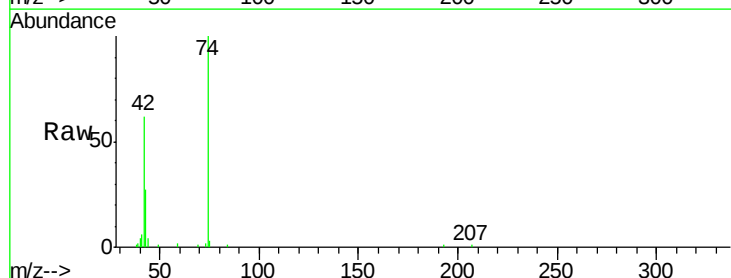
Tgt Ion: 42 Resp: 73677

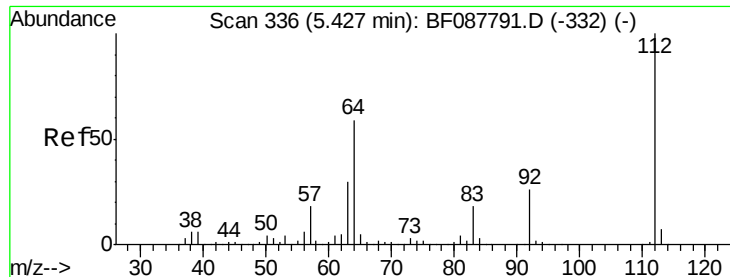
Ion Ratio Lower Upper

42 100

74 161.6 108.6 163.0

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 42.10 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

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SC-STA-1501(0-4)MSD

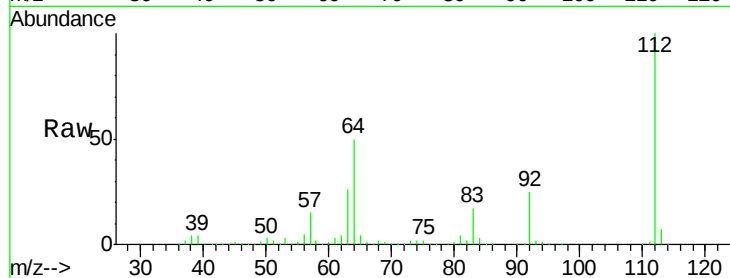
Tot Ion:112 Resp: 543700

Ion Ratio Lower Upper

112 100

64 50.2 42.2 63.2

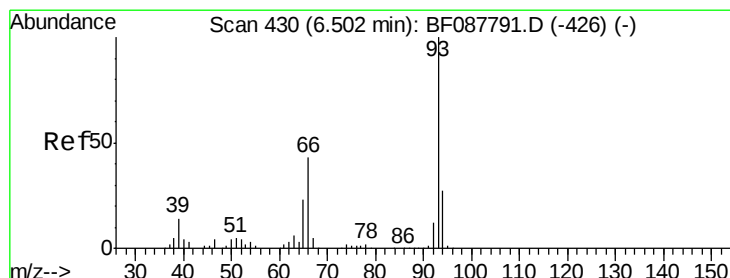
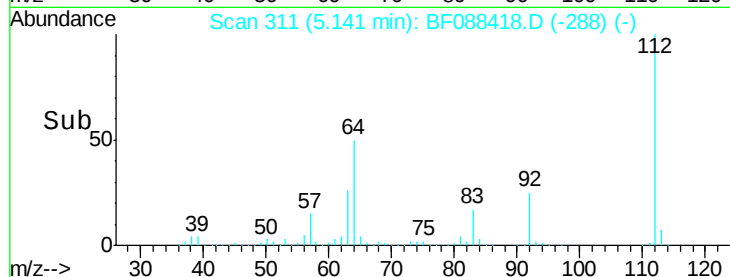
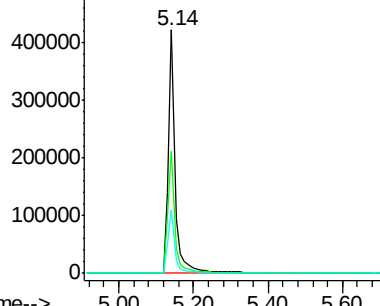
63 26.1 21.8 32.8



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: 10.04 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.02 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

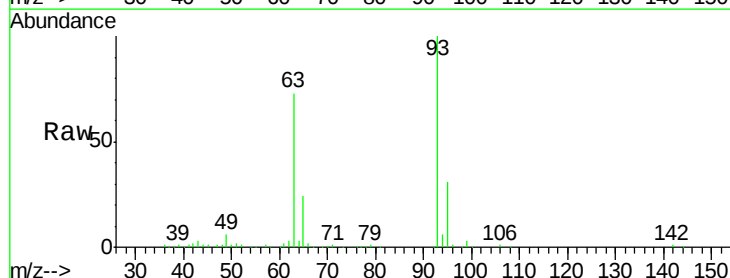
Tgt Ion: 93 Resp: 223628

Ion Ratio Lower Upper

93 100

66 1.9 29.8 44.8#

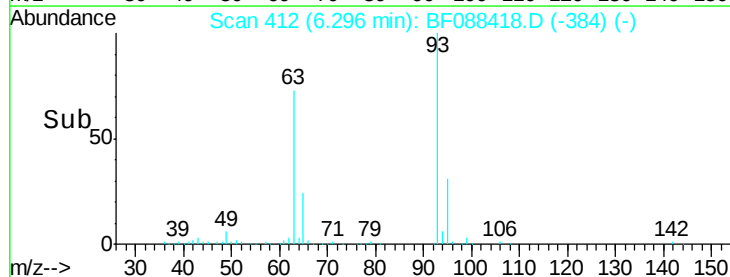
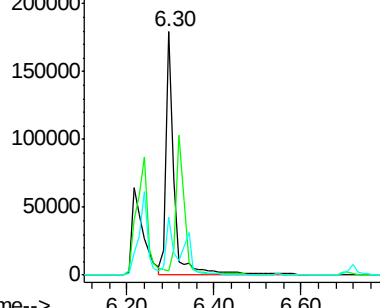
65 24.0 14.9 22.3#

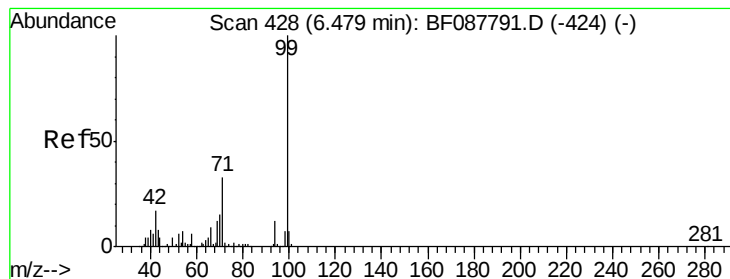


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 40.60 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

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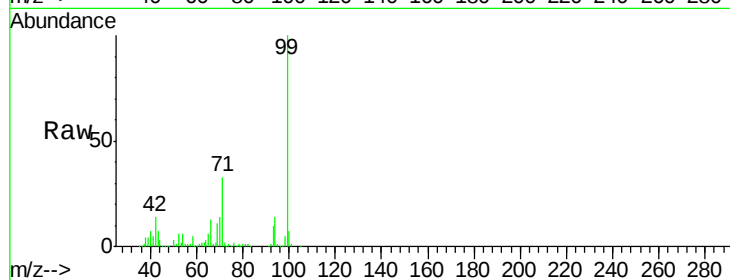
Tot Ion: 99 Resp: 635556

Ion Ratio Lower Upper

99 100

42 14.1 12.2 18.2

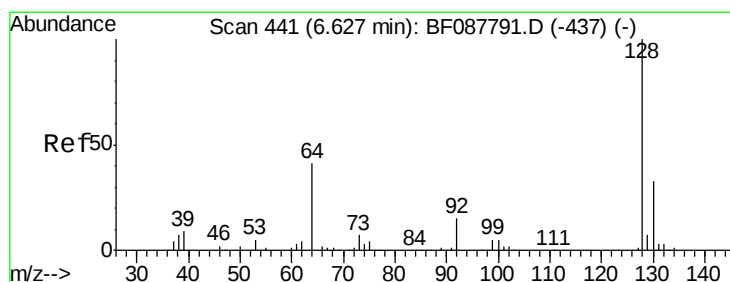
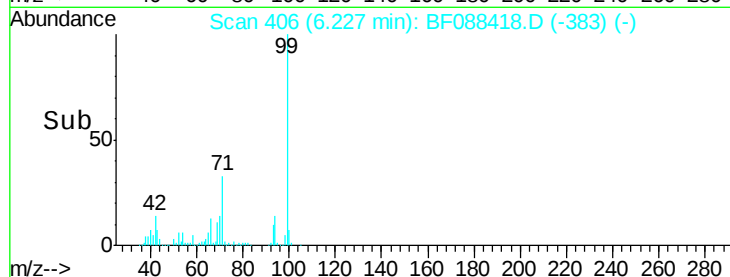
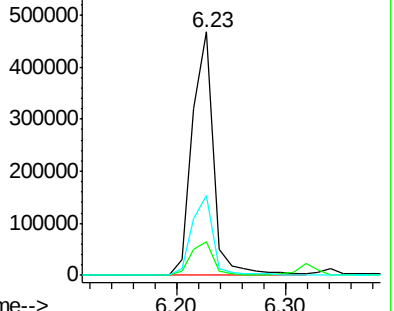
71 32.9 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 15.11 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

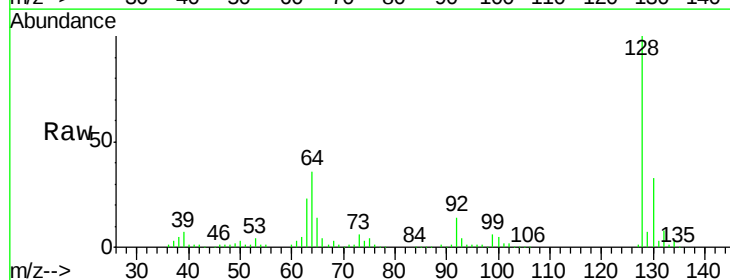
Tgt Ion: 128 Resp: 230935

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

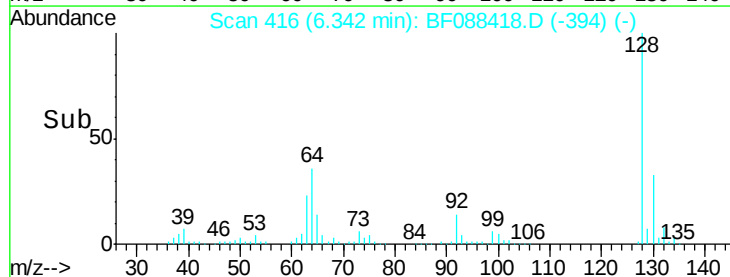
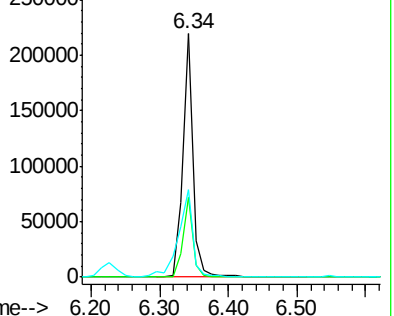
64 36.0 30.8 70.8

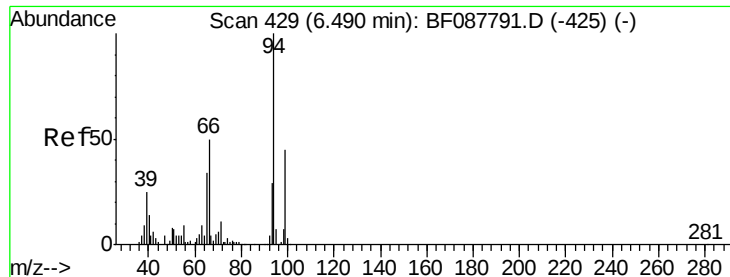


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 16.39 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF088418.D

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SC-STA-1501(0-4)MSD

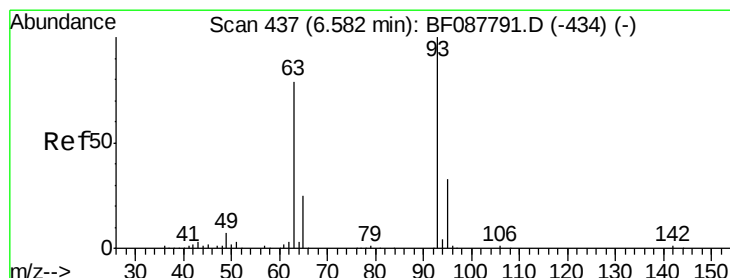
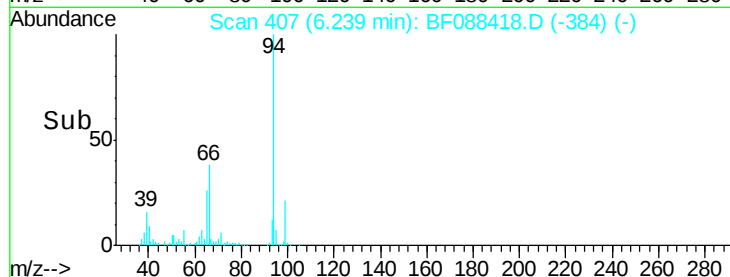
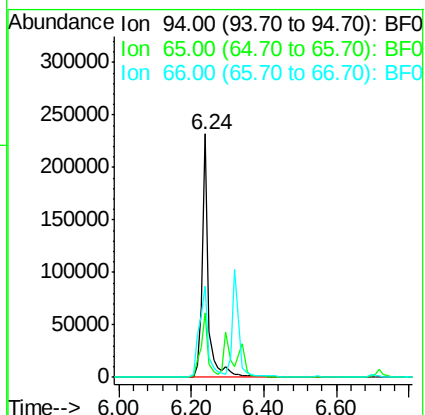
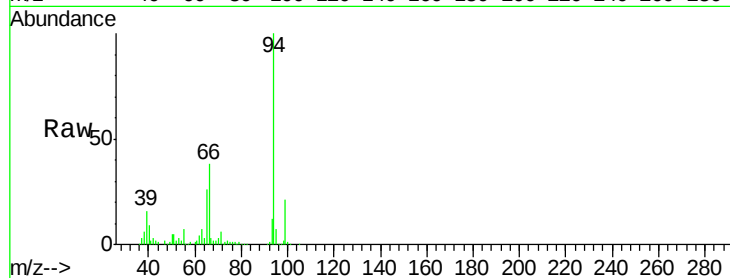
Tot Ion: 94 Resp: 290383

Ion Ratio Lower Upper

94 100

65 26.4 5.9 45.9

66 37.5 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 16.30 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

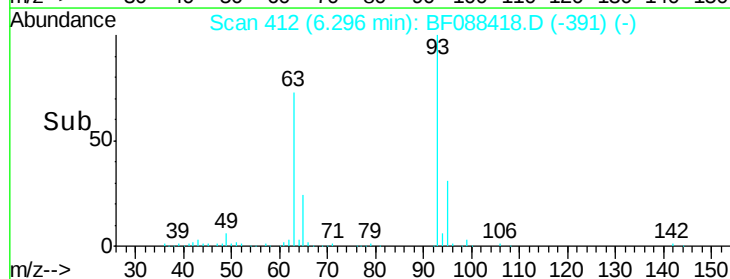
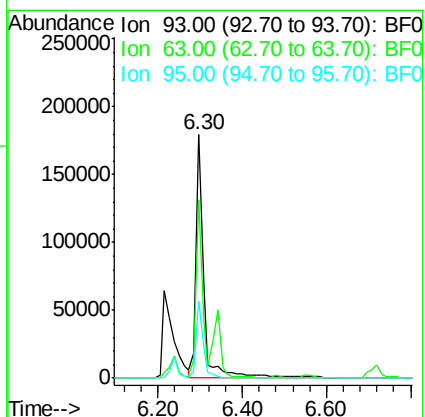
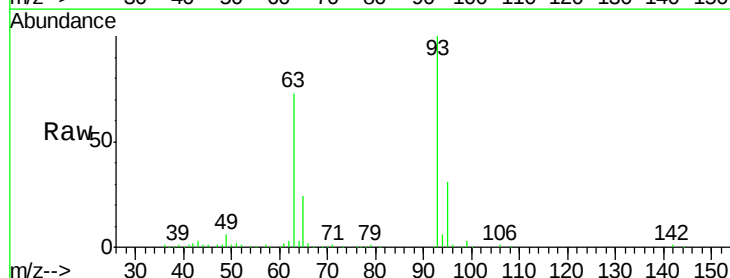
Tgt Ion: 93 Resp: 223697

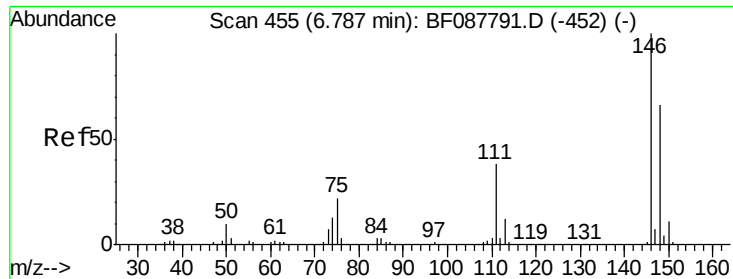
Ion Ratio Lower Upper

93 100

63 73.3 67.6 107.6

95 31.5 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 12.78 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.18 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

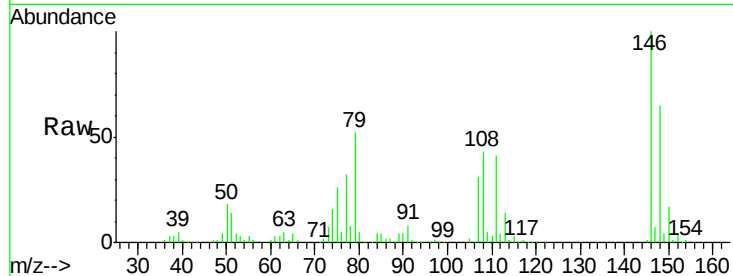
Tot Ion:146 Resp: 209542

Ion Ratio Lower Upper

146 100

148 65.0 50.9 76.3

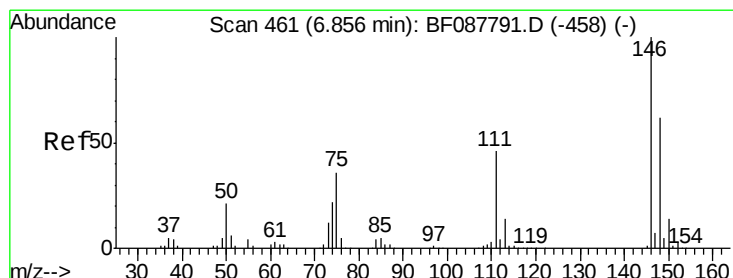
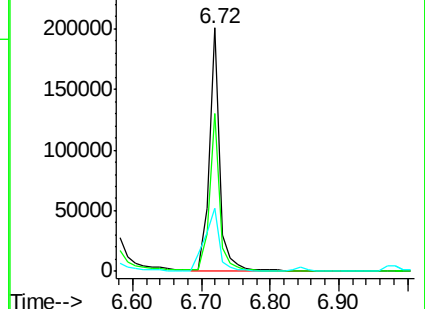
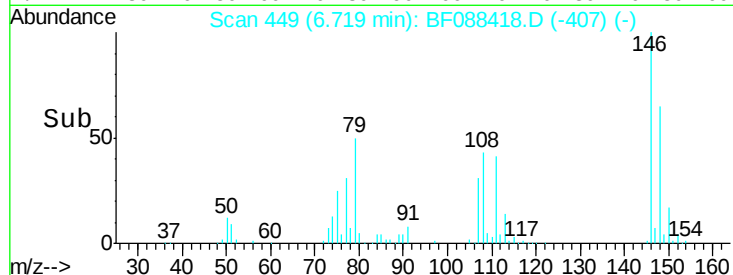
75 26.0 25.6 38.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 12.88 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.10 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

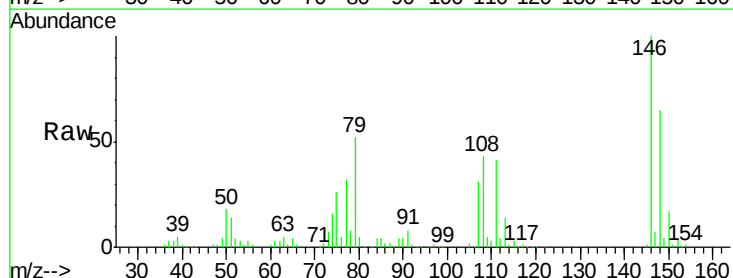
Tgt Ion:146 Resp: 212881

Ion Ratio Lower Upper

146 100

148 65.0 52.0 78.0

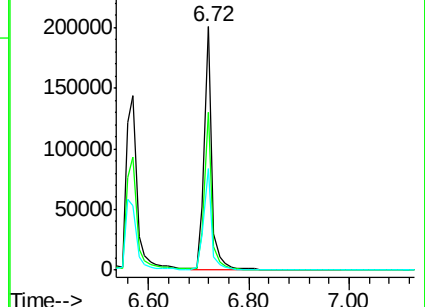
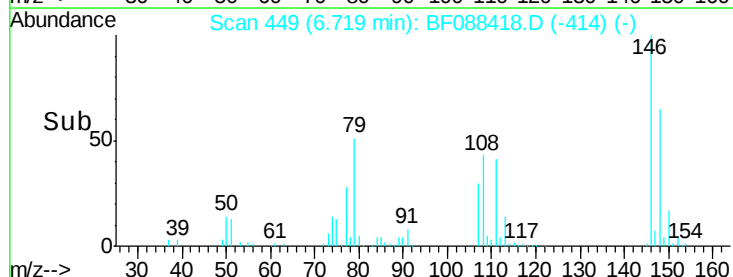
111 41.5 33.8 50.8

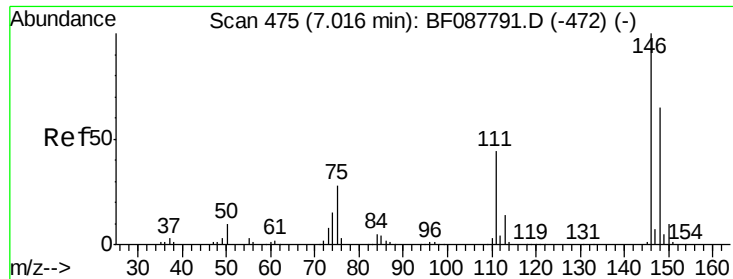


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 14.43 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

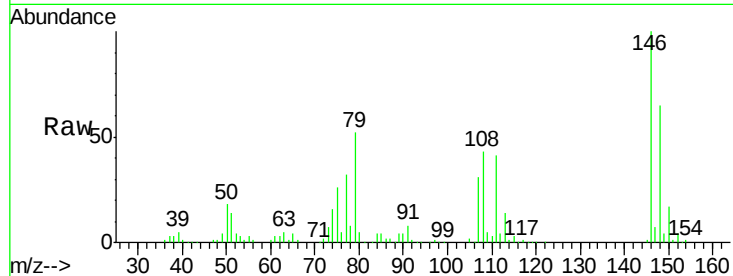
Tot Ion:146 Resp: 216880

Ion Ratio Lower Upper

146 100

148 65.0 52.3 78.5

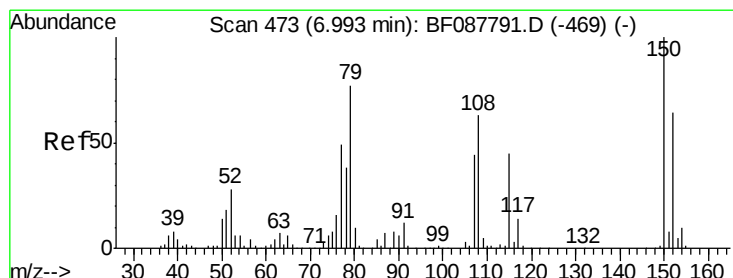
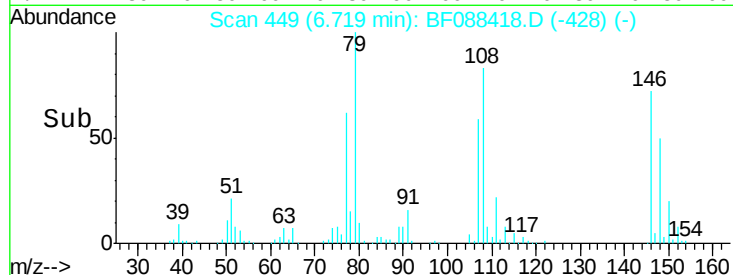
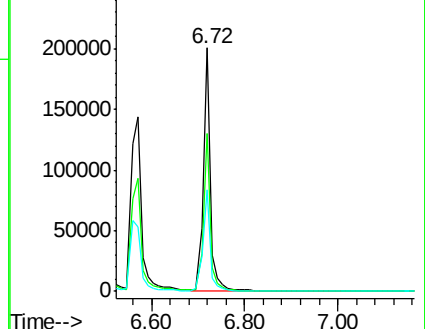
111 41.5 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 12.61 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

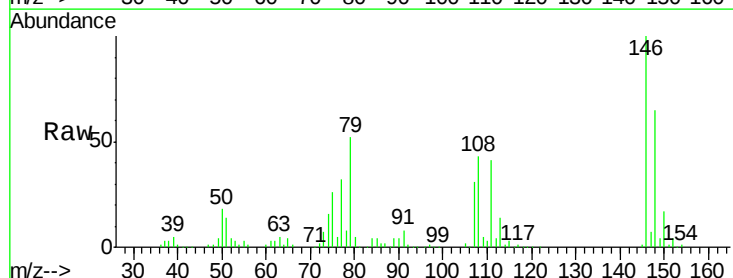
Tgt Ion: 79 Resp: 154413

Ion Ratio Lower Upper

79 100

108 84.1 65.0 97.6

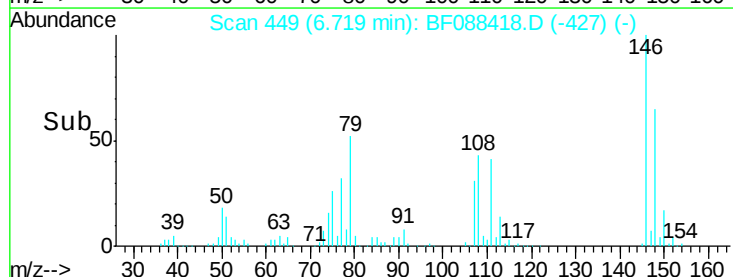
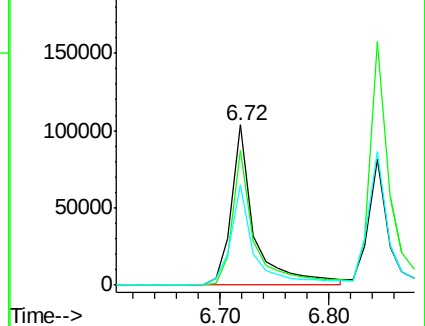
77 62.8 50.3 75.5

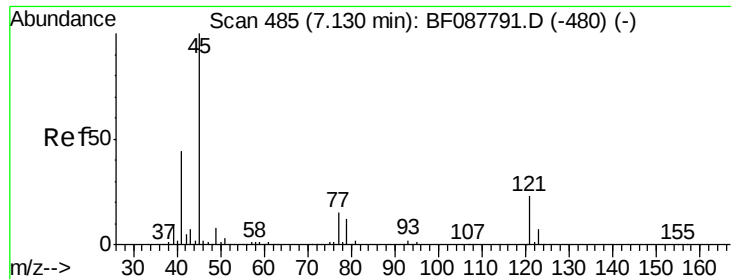


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

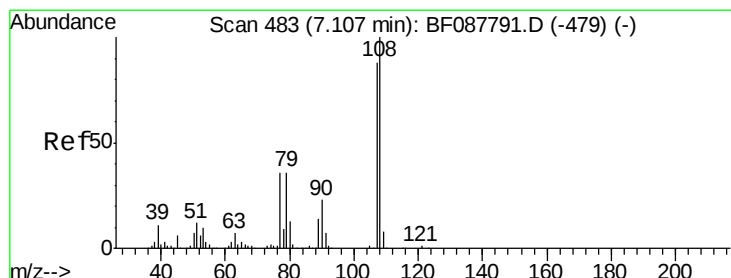
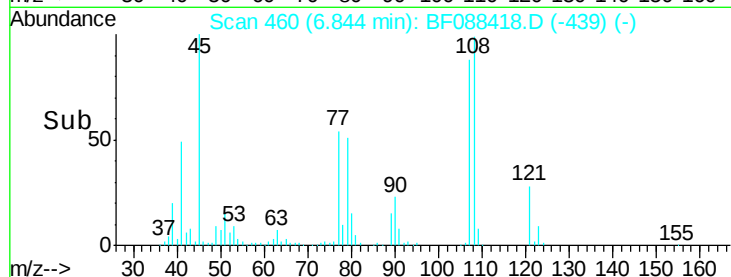
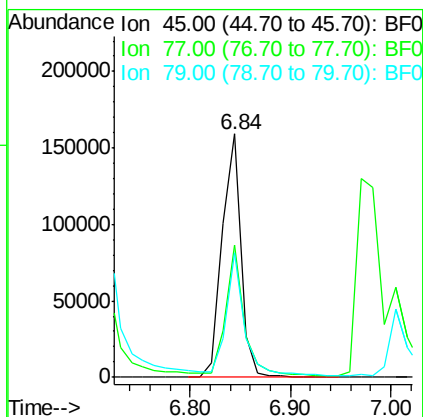
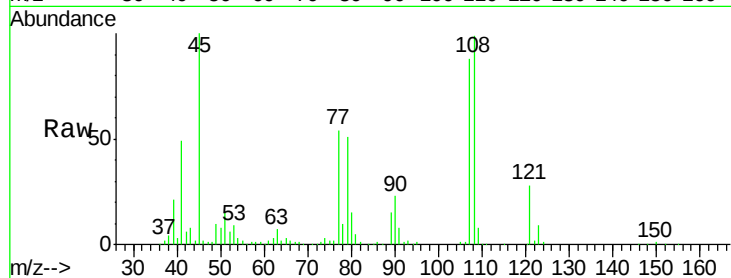




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 11.25 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

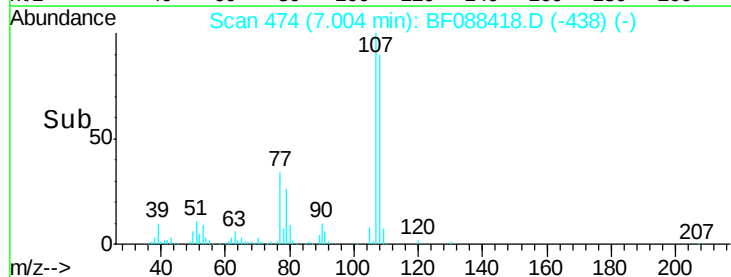
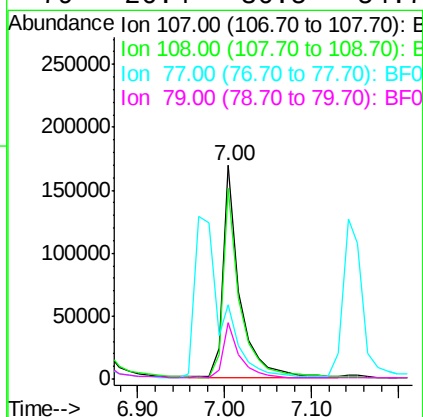
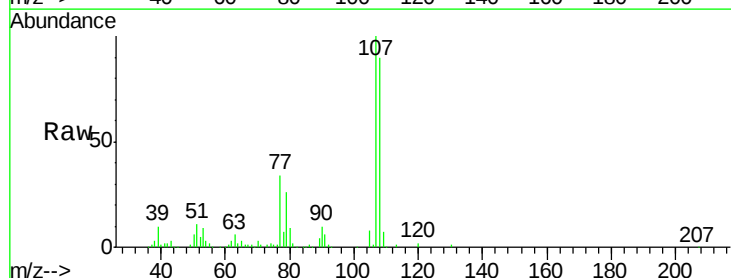
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

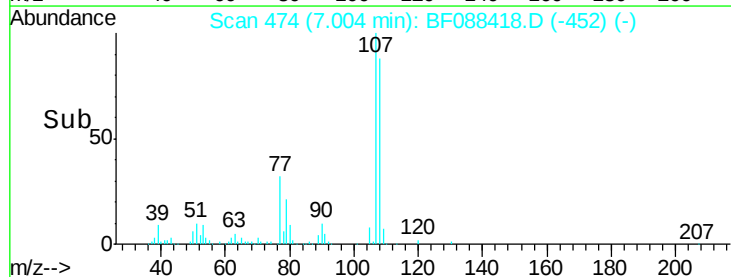
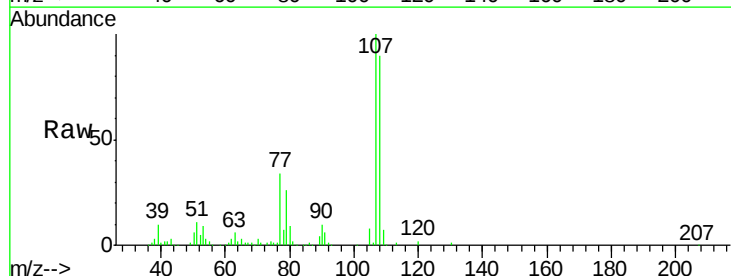
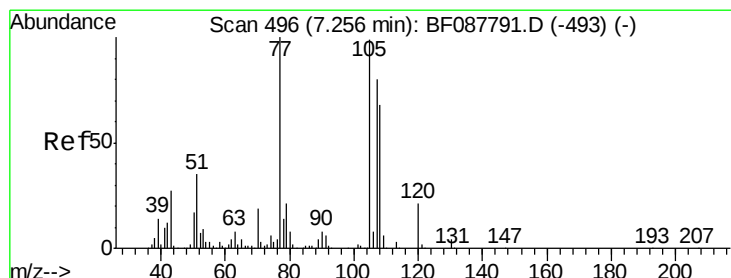
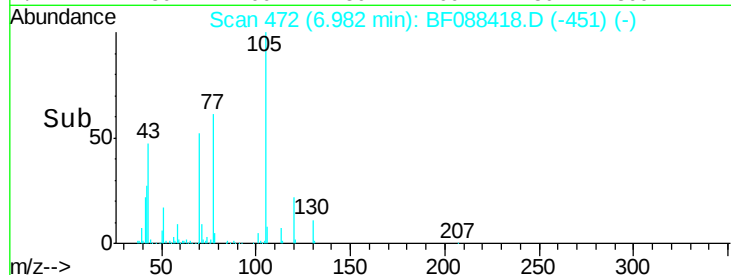
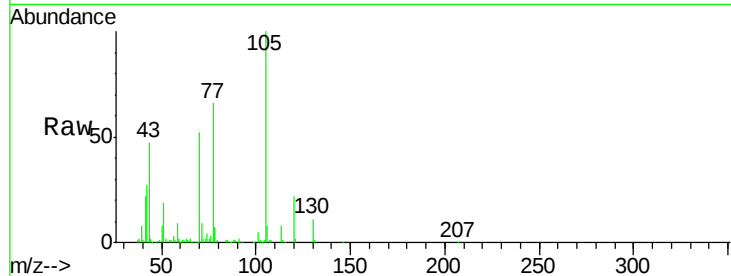
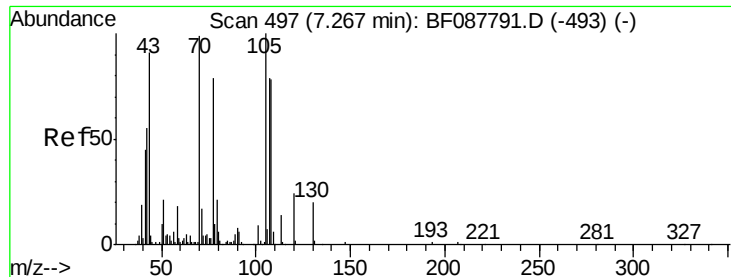
Tot Ion: 45 Resp: 208547
Ion Ratio Lower Upper
45 100
77 54.3 0.0 32.5#
79 50.9 0.0 29.5#



#17
2-Methylphenol
Concen: 18.28 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.11 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion: 107 Resp: 226594
Ion Ratio Lower Upper
107 100
108 89.6 90.9 136.3#
77 34.5 36.6 55.0#
79 26.4 36.5 54.7#

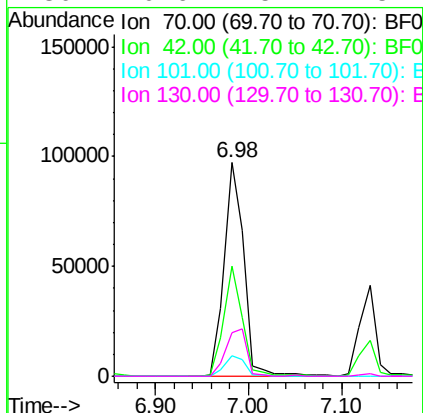




#19
n-Nitroso-di-n-propylamine
Concen: 14.22 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

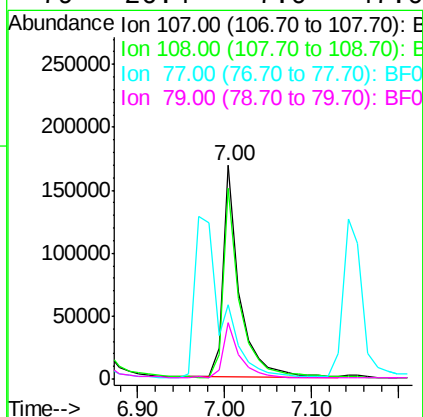
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

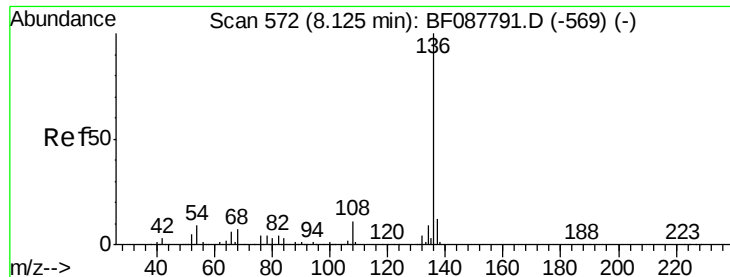
Tot Ion:	70	Resp:	142398
Ion	Ratio	Lower	Upper
70	100		
42	51.3	49.6	74.4
101	9.6	7.1	10.7
130	20.6	15.4	23.2



#20
3+4-Methylphenols
Concen: 15.53 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.05 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion:	107	Resp:	224665
Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.8	107.8
77	34.5	59.3	99.3#
79	26.4	7.0	47.0

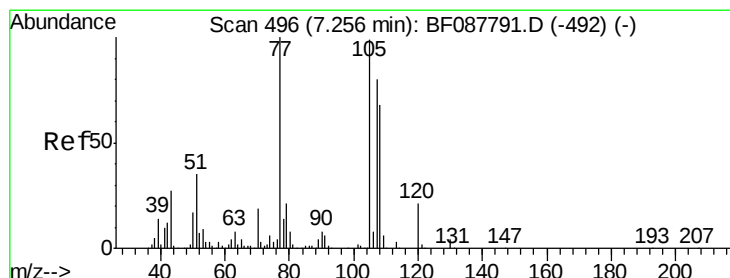
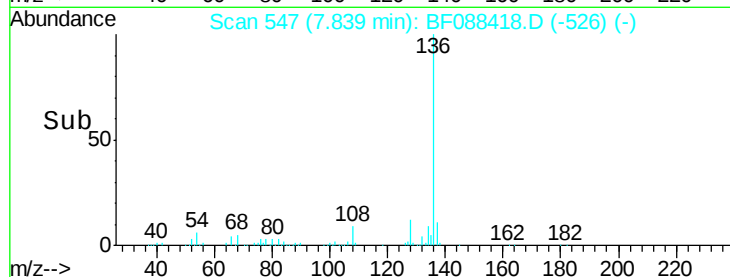
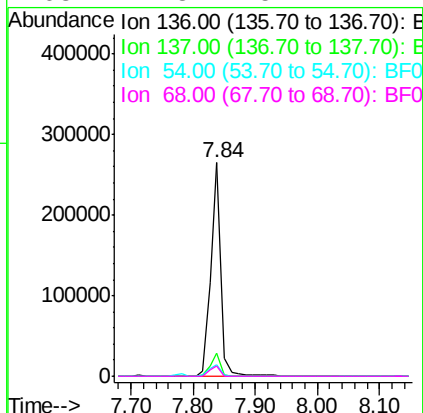
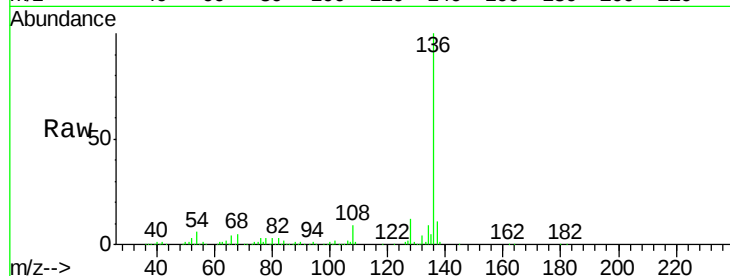




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

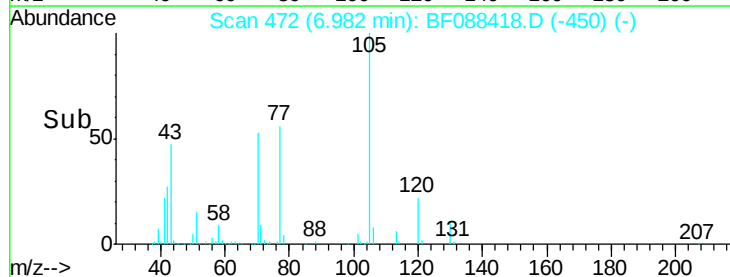
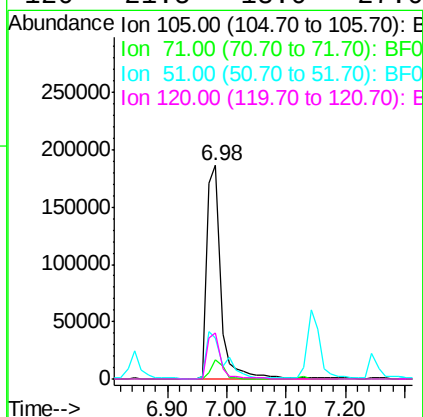
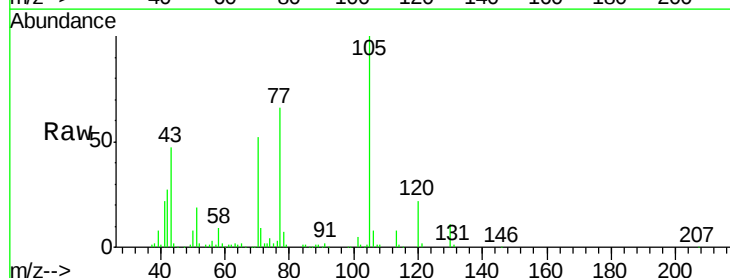
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

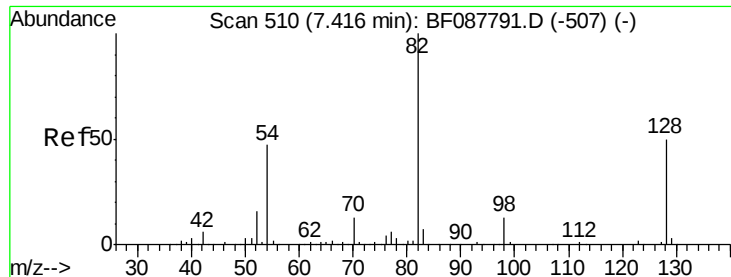
Tot Ion:136	Resp:	293670
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.1 13.7
54	5.5	6.6 10.0#
68	4.8	5.1 7.7#



#22
Acetophenone
Concen: 47.07 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.05 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion:105	Resp:	308893
Ion Ratio	Lower	Upper
105	100	
71	8.8	5.3 7.9#
51	19.1	18.2 27.4
120	21.5	18.0 27.0

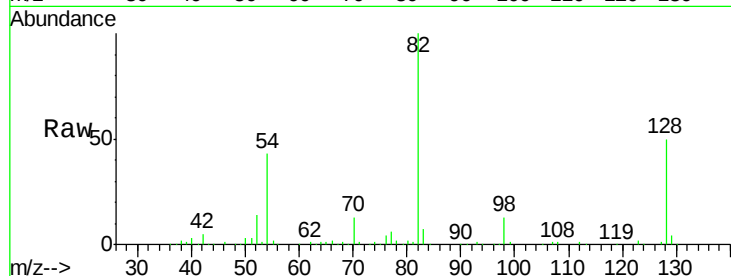




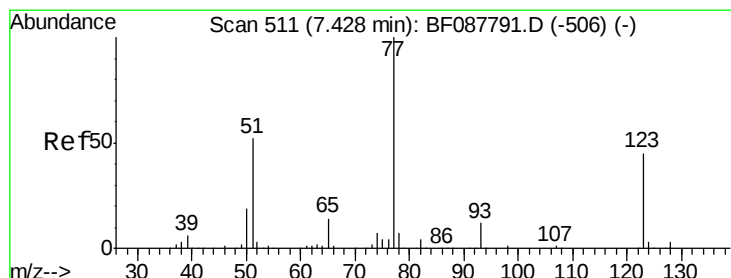
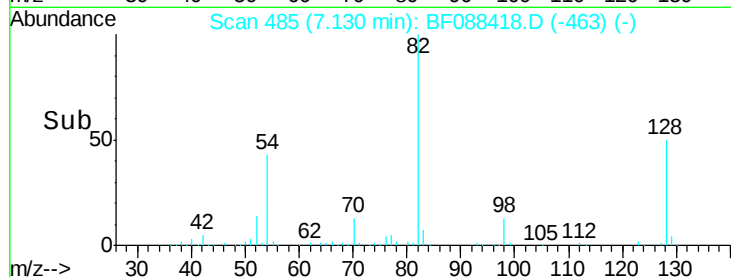
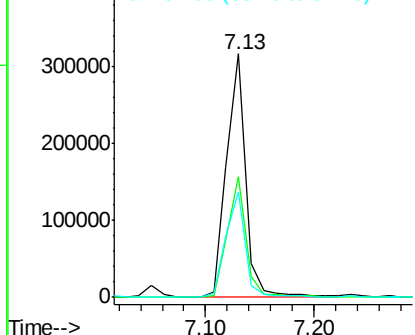
#23
Nitrobenzene-d5
Concen: 77.13 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.05 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion: 82 Resp: 387899
Ion Ratio Lower Upper
82 100
128 49.7 35.9 53.9
54 43.5 40.9 61.3

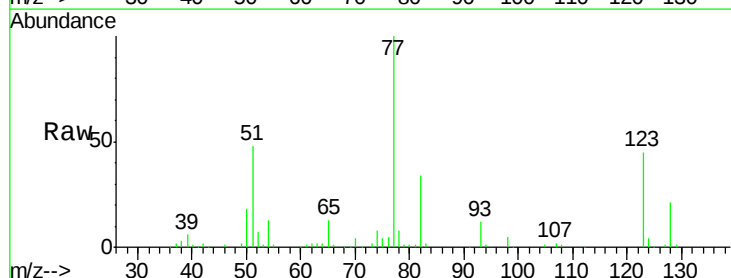


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

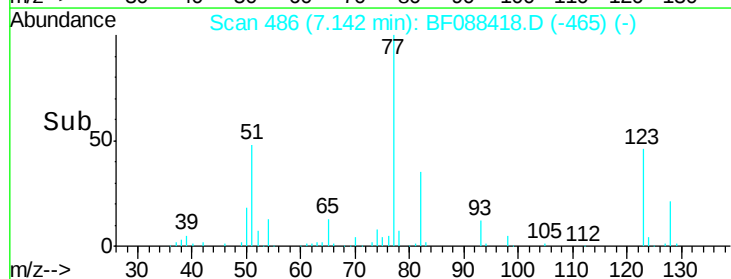
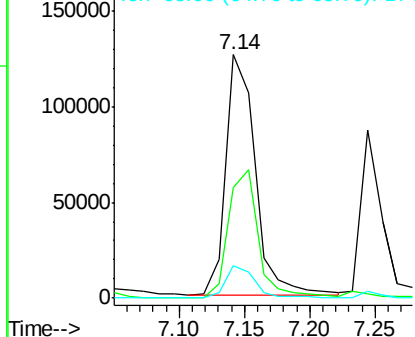


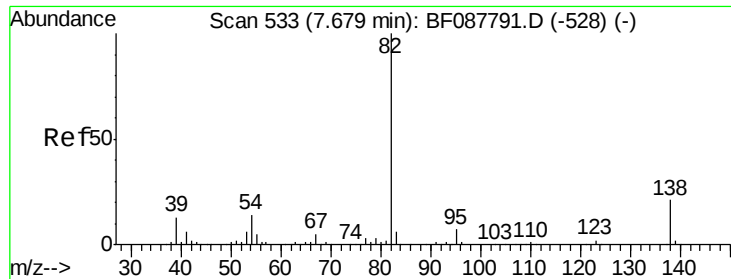
#24
Nitrobenzene
Concen: 40.20 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion: 77 Resp: 195856
Ion Ratio Lower Upper
77 100
123 45.2 45.0 67.4
65 13.1 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.17 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

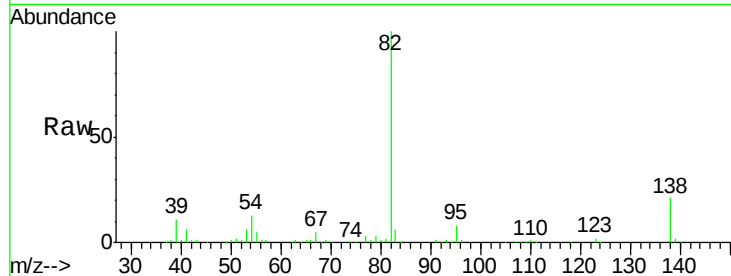
Tot Ion: 82 Resp: 402140

Ion Ratio Lower Upper

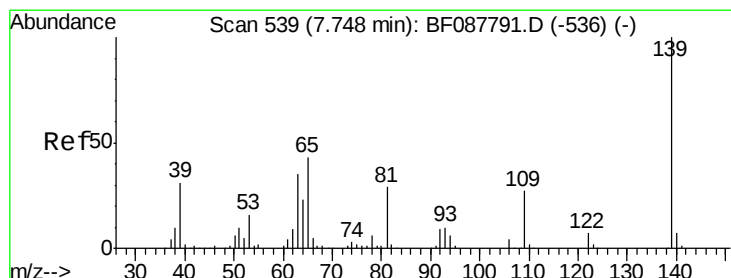
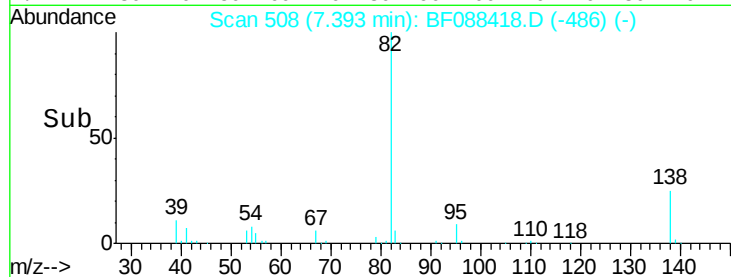
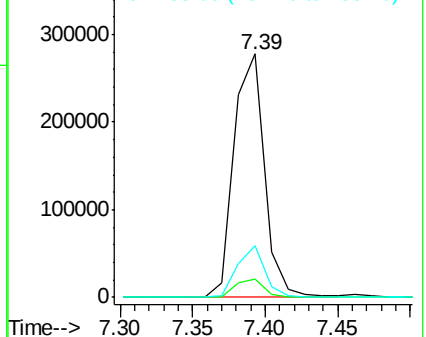
82 100

95 7.6 5.4 8.2

138 21.1 14.6 21.8



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: 46.48 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

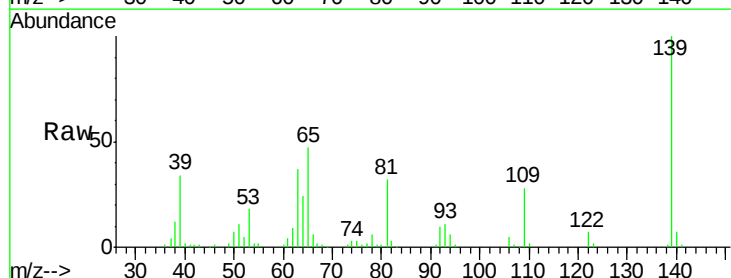
Tgt Ion: 139 Resp: 121296

Ion Ratio Lower Upper

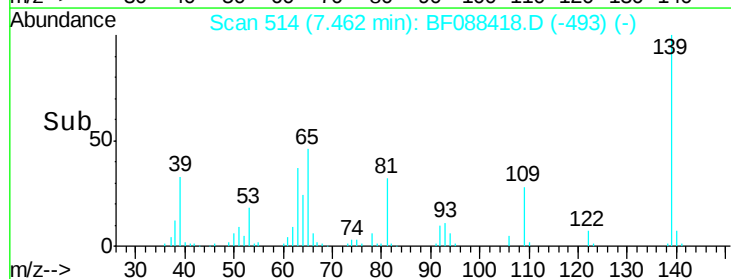
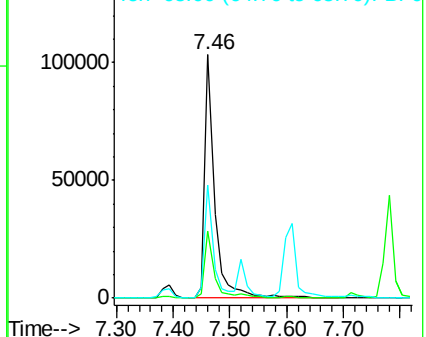
139 100

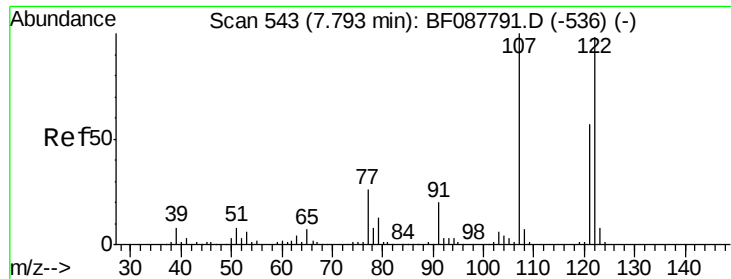
109 27.7 23.0 34.4

65 46.6 45.8 68.8



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: 38.55 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

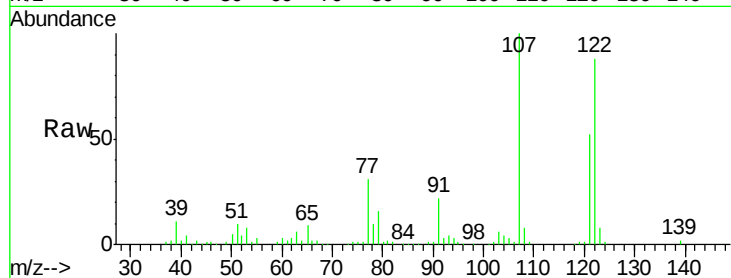
Tot Ion:122 Resp: 185229

Ion Ratio Lower Upper

122 100

107 113.6 82.4 123.6

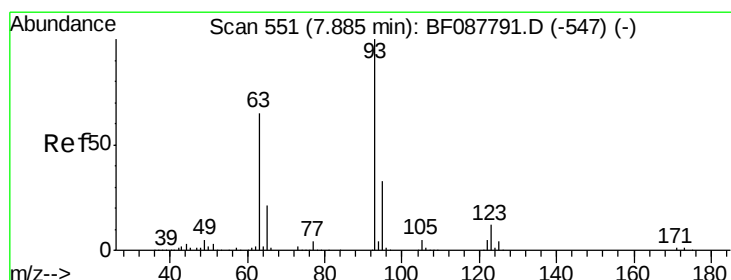
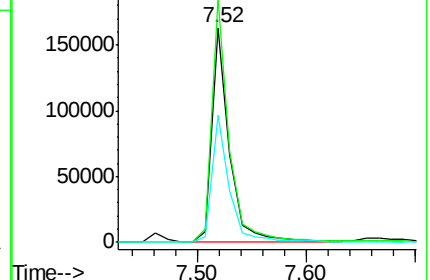
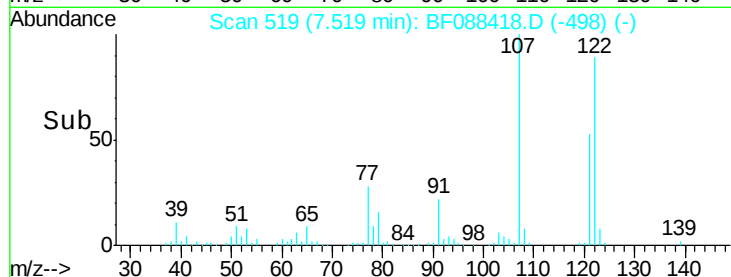
121 59.4 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.95 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

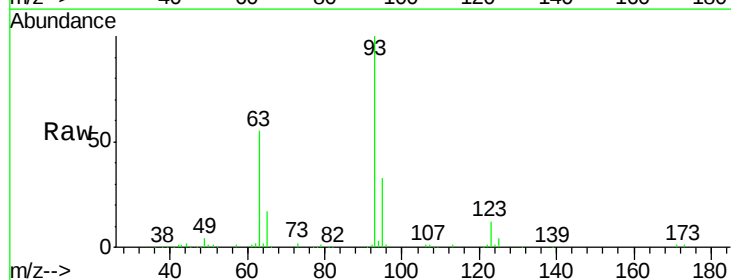
Tgt Ion: 93 Resp: 259718

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

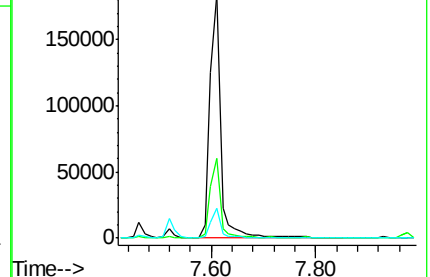
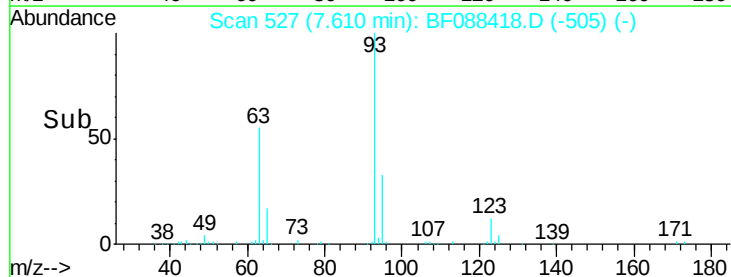
123 12.4 11.6 17.4

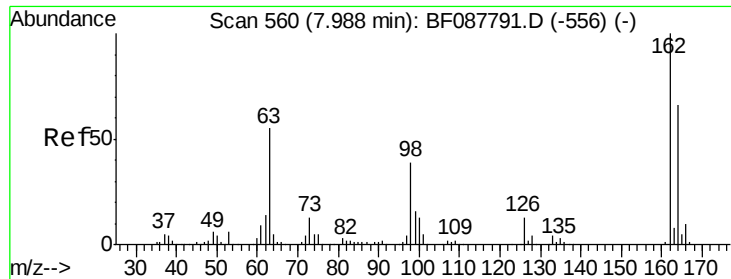


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

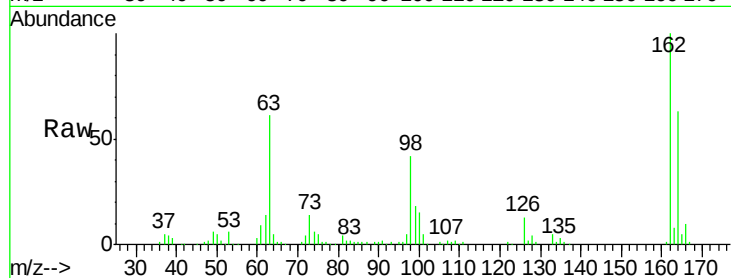




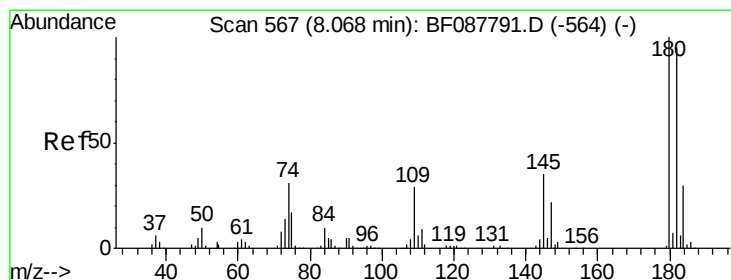
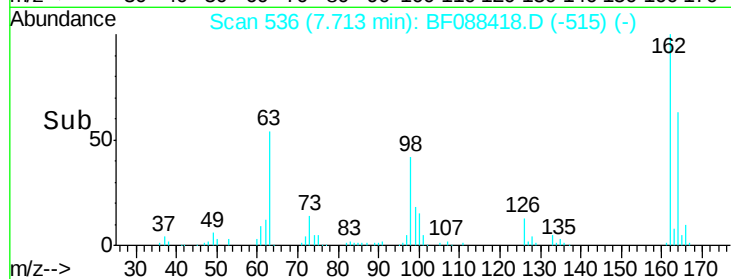
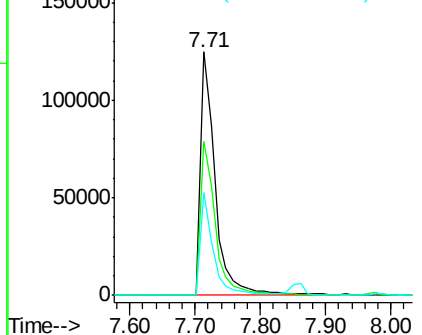
#29
 2,4-Dichlorophenol
 Concen: 48.34 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.8	83.8
98	42.5	21.3	61.3

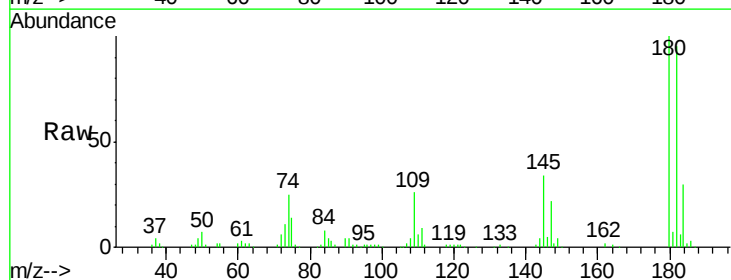


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

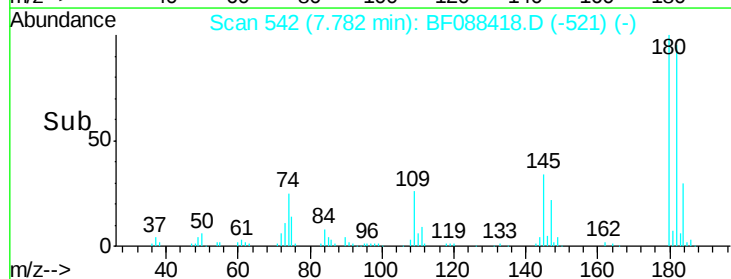
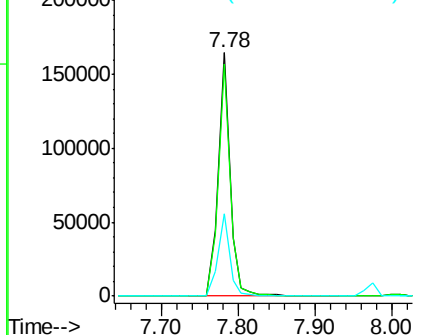


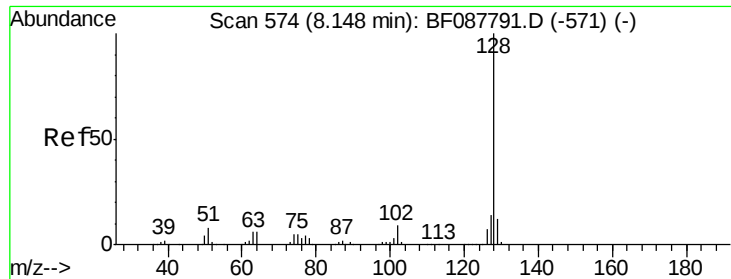
#30
 1,2,4-Trichlorobenzene
 Concen: 41.25 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	34.0	26.5	39.7



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

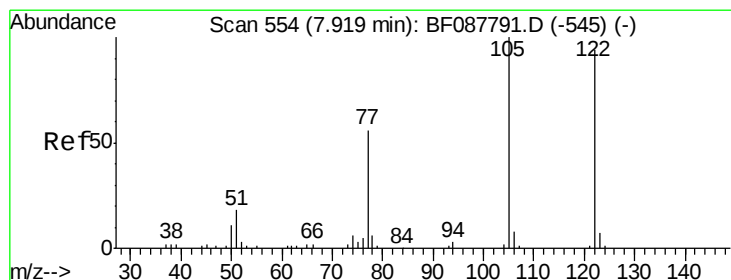
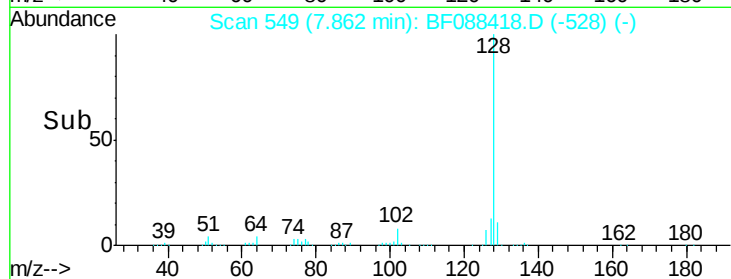
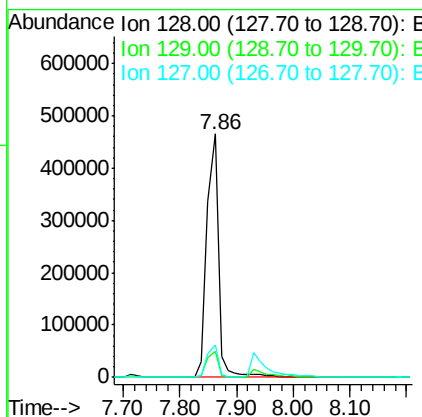
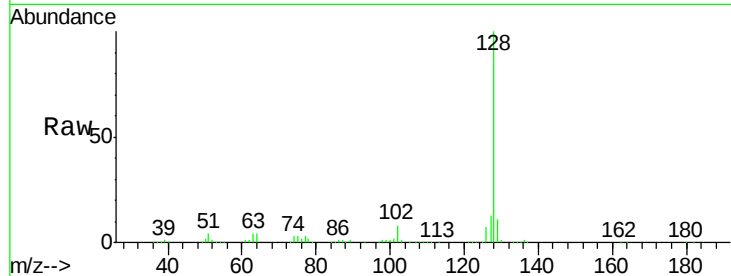




#31
Naphthalene
Concen: 44.21 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

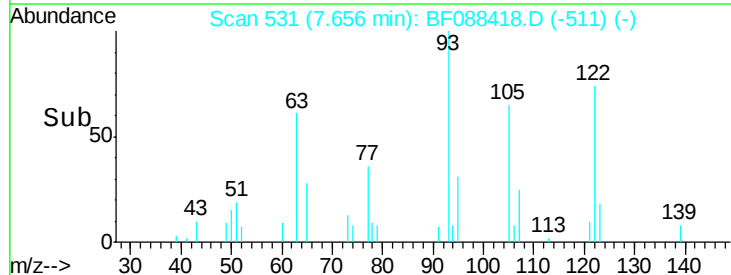
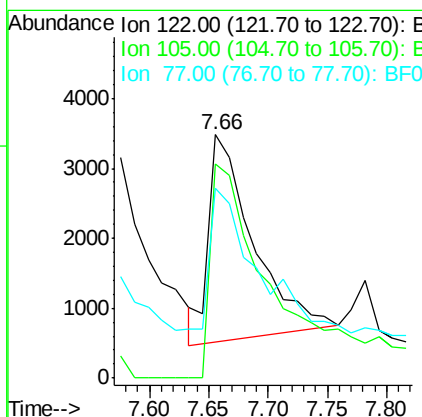
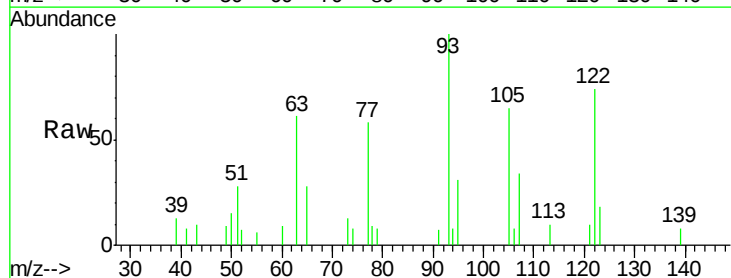
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

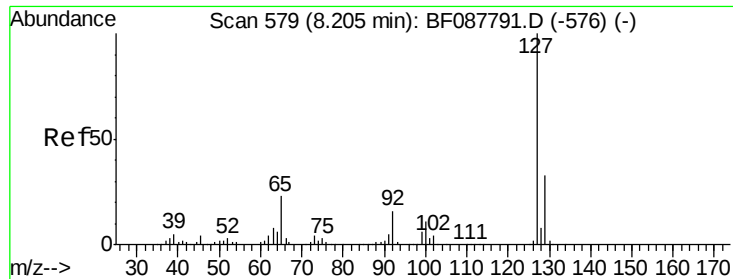
Tot Ion:128 Resp: 642427
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 2.92 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion:122 Resp: 7718
Ion Ratio Lower Upper
122 100
105 87.8 101.6 141.6#
77 78.0 70.6 110.6

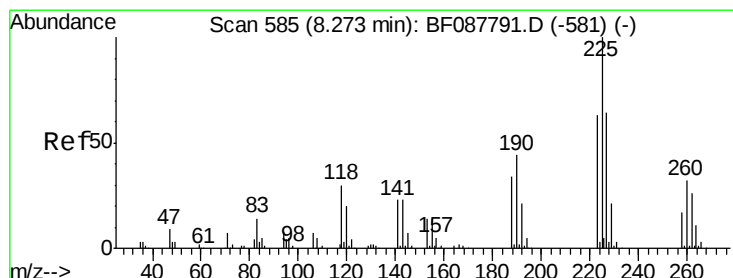
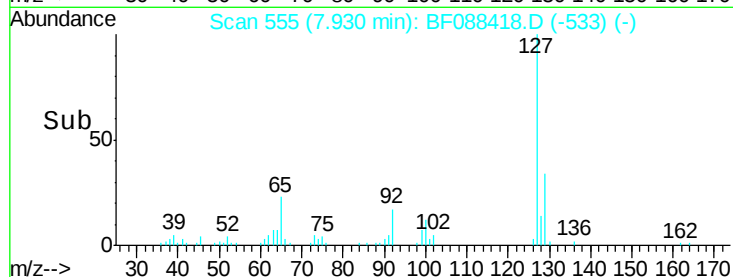
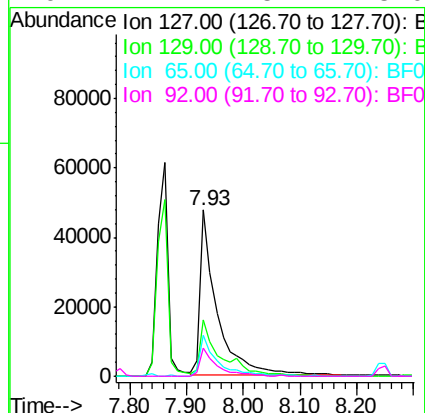
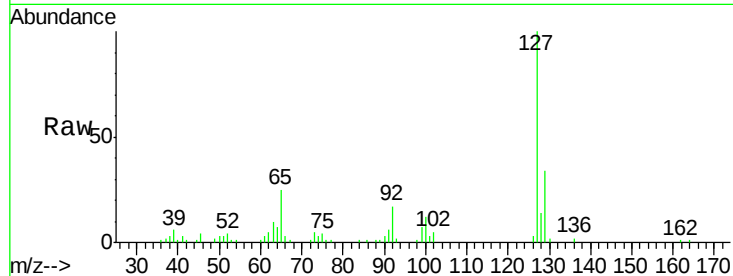




#33
4-Chloroaniline
Concen: 14.83 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

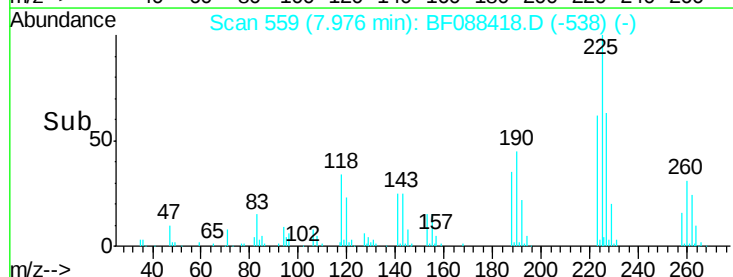
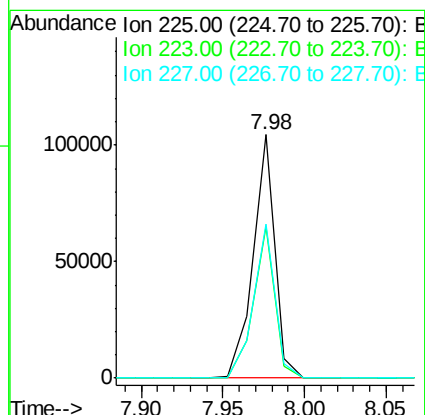
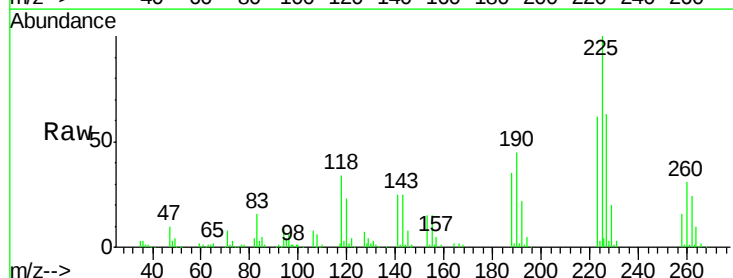
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

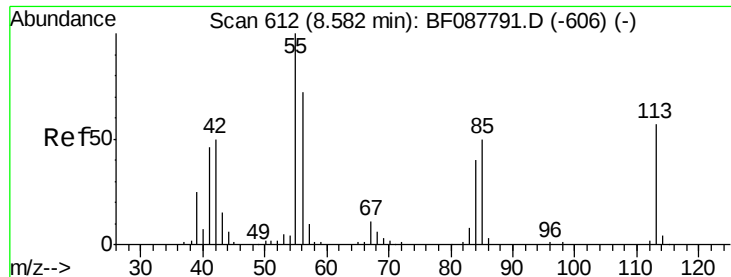
Tot Ion:	127	Resp:	96245
Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.3	39.5
65	24.6	24.7	37.1#
92	17.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.84 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion:	225	Resp:	96390
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.9	76.3
227	63.4	51.9	77.9

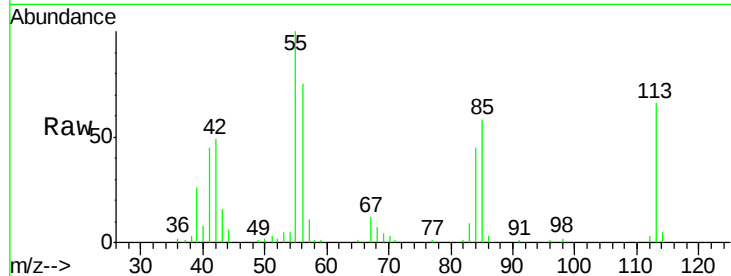




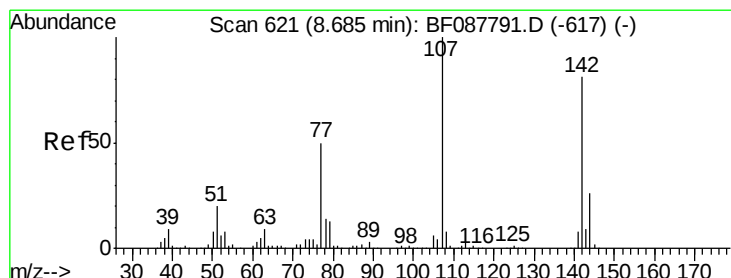
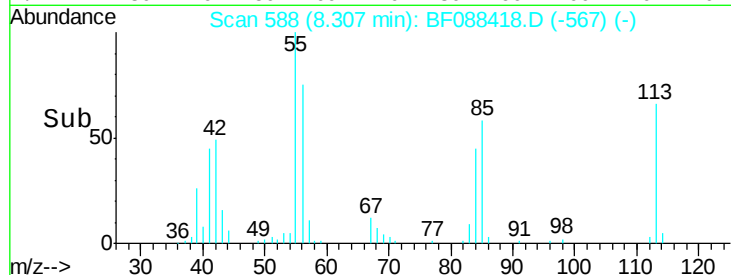
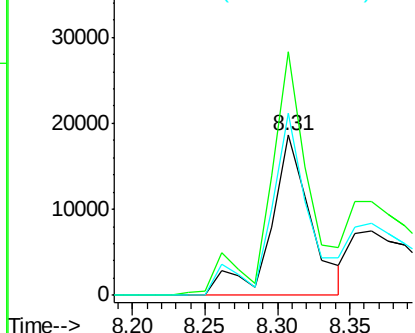
#35
 Caprolactam
 Concen: 26.69 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Tot Ion:113 Resp: 35465
 Ion Ratio Lower Upper
 113 100
 55 152.4 158.6 198.6#
 56 114.1 110.6 150.6

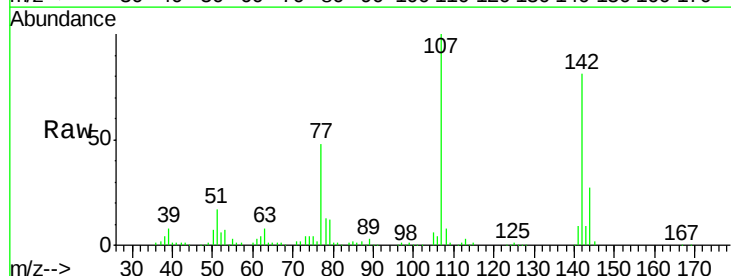


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

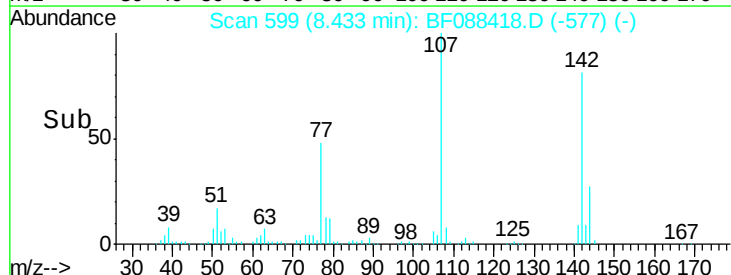
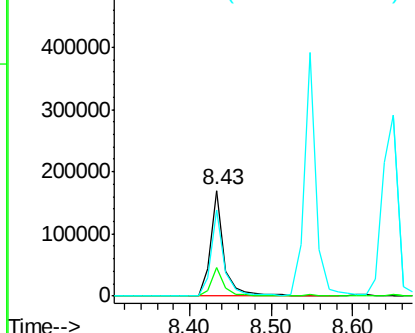


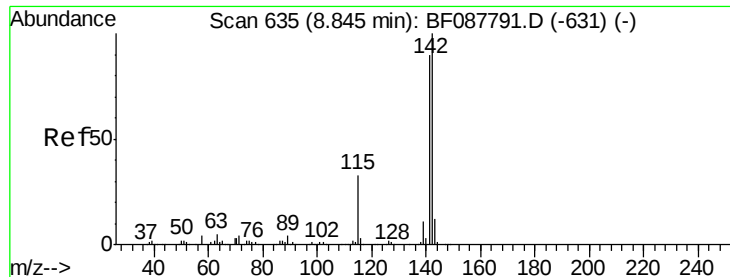
#36
 4-Chloro-3-methylphenol
 Concen: 46.40 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.05 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Tgt Ion:107 Resp: 199075
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.8 31.2
 142 81.3 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

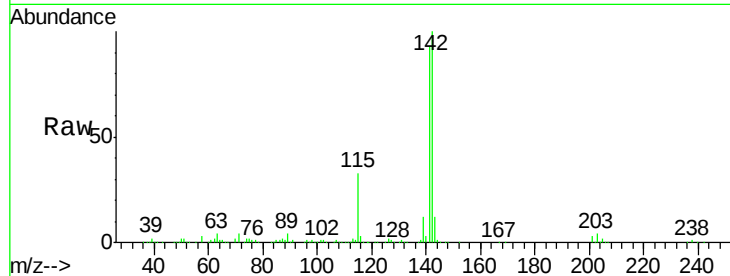




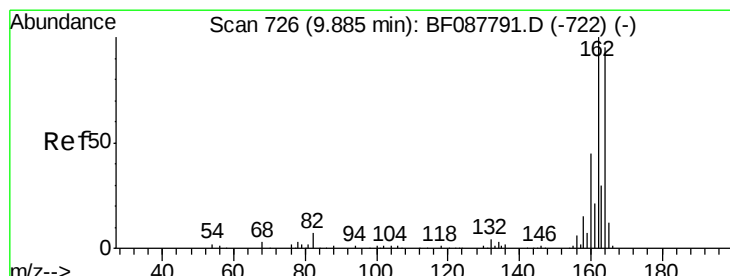
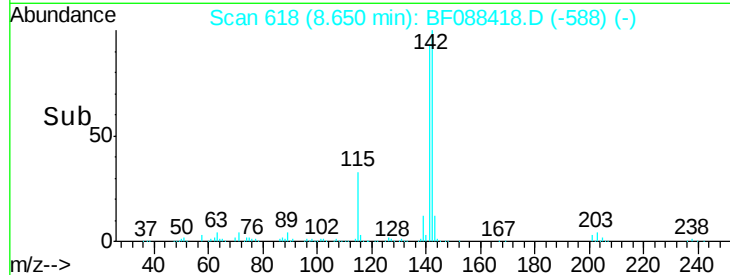
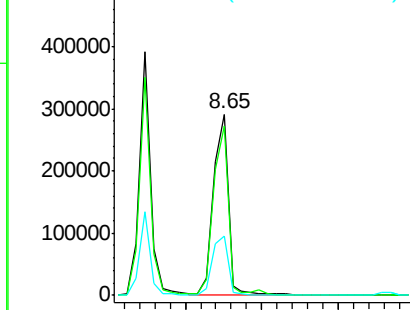
#37
2-Methylnaphthalene
Concen: 40.58 ng
RT: 8.65 min Scan# 618
Delta R.T. 0.05 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	71.0	106.6
115	32.5	22.6	33.8

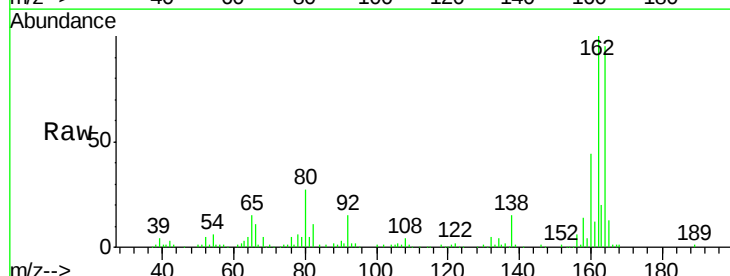


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

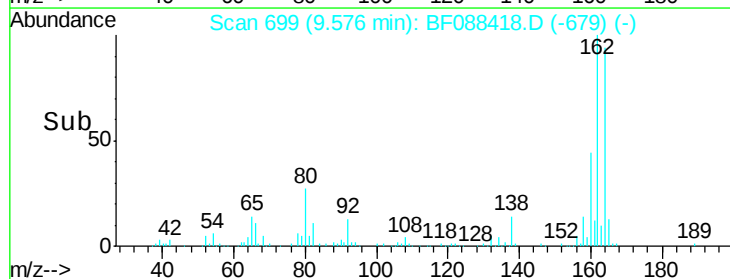
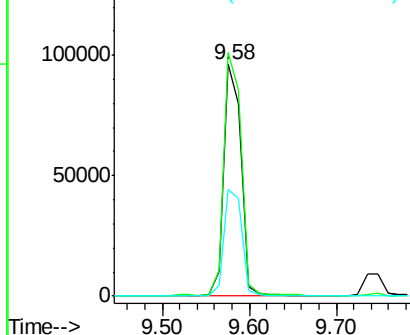


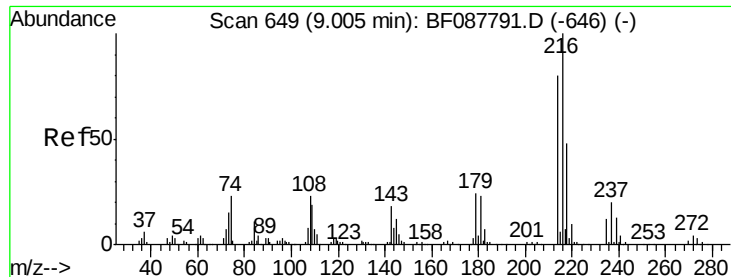
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.4	128.2
160	45.9	39.5	59.3



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: 53.06 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

Tot Ion:216 Resp: 173657

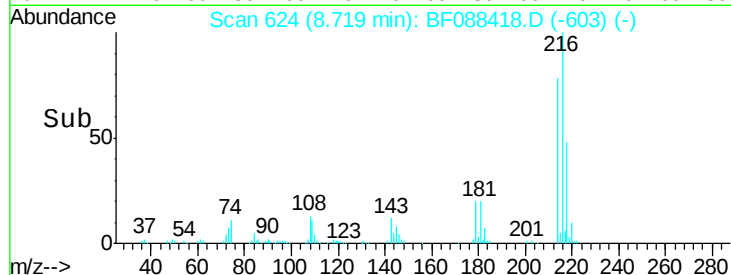
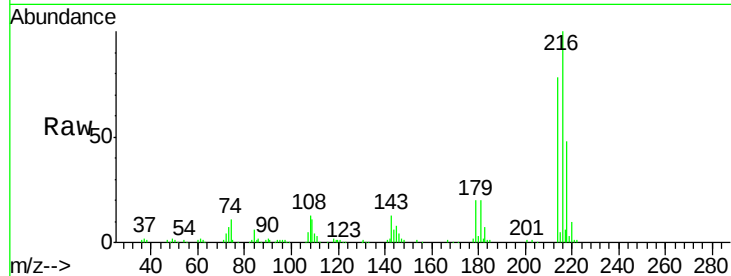
Ion Ratio Lower Upper

216 100

214 78.5 2.9 4.3#

179 21.7 0.0 0.0#

108 18.9 0.5 0.7#

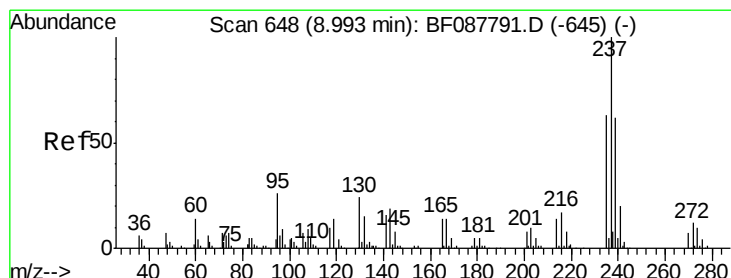
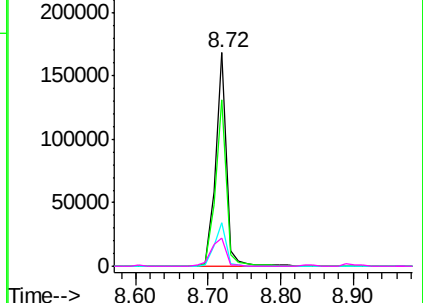


Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.95 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

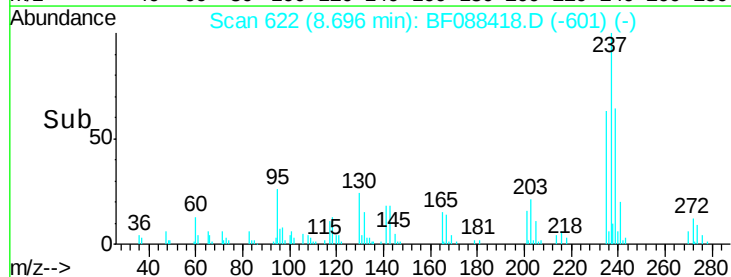
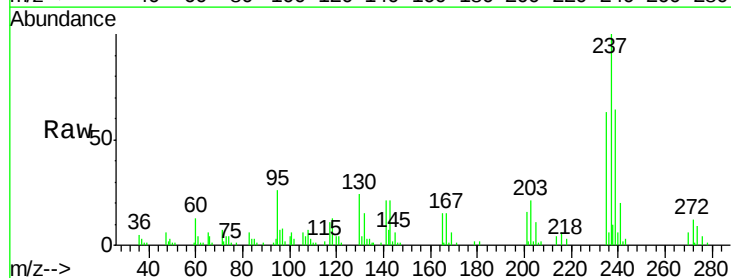
Tgt Ion:237 Resp: 38754

Ion Ratio Lower Upper

237 100

235 62.5 43.4 83.4

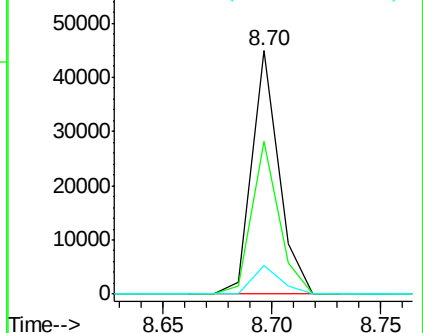
272 11.9 0.0 32.3

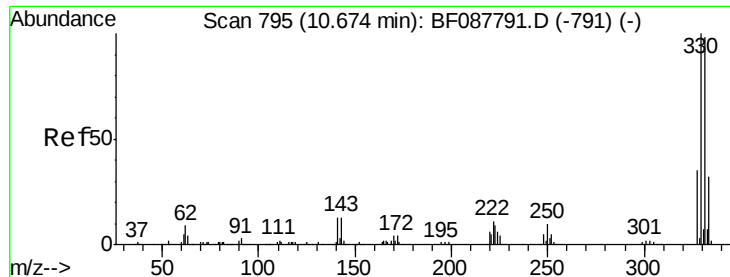


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

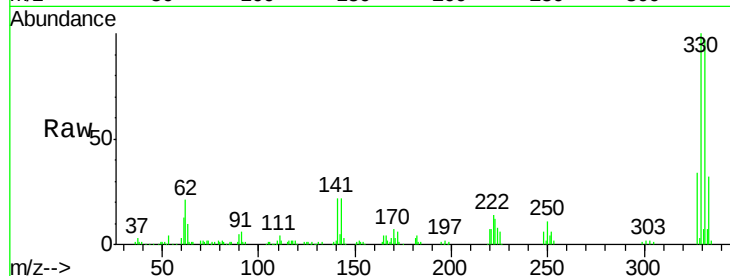




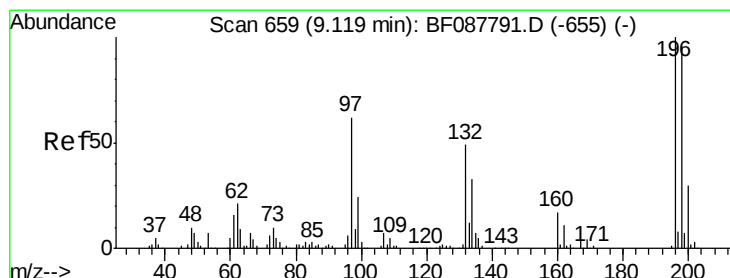
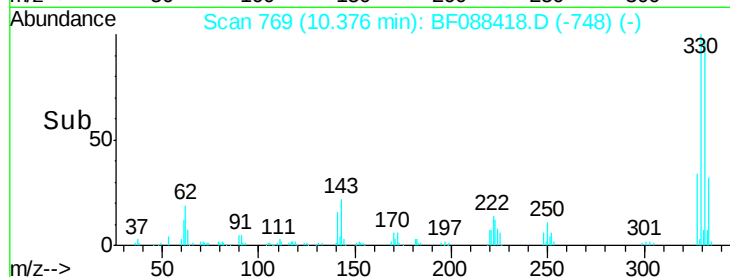
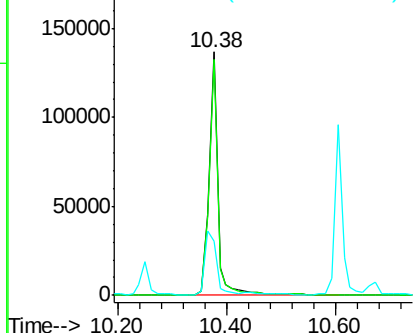
#41
 2,4,6-Tribromophenol
 Concen: 109.99 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	33.4	0.0	0.0#

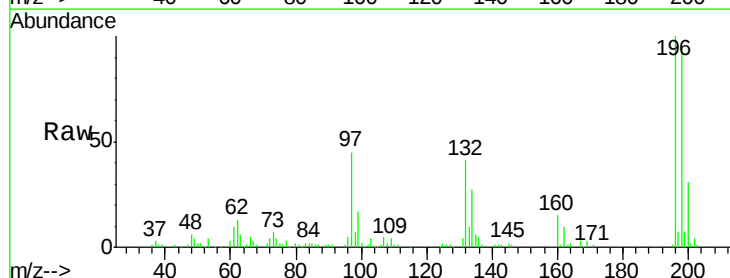


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

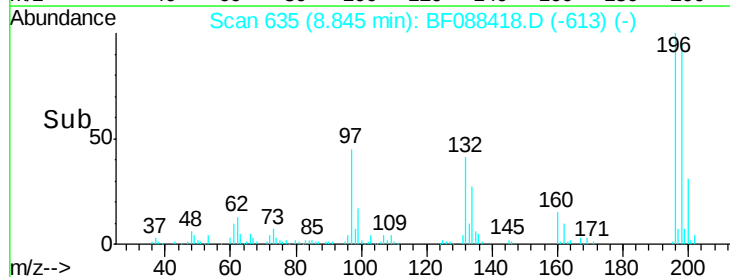
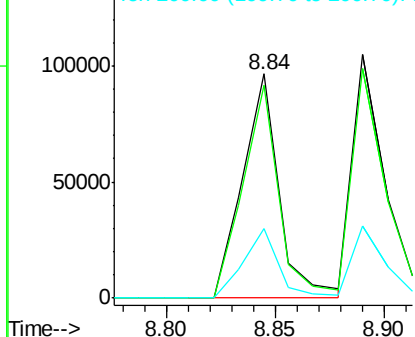


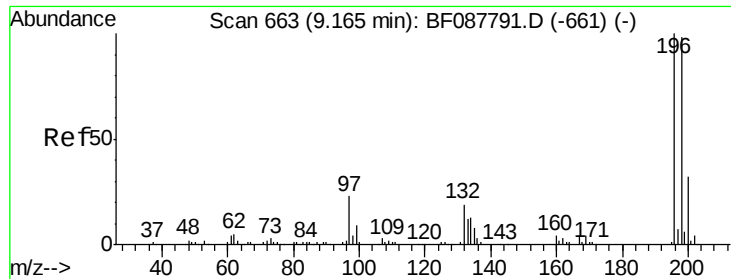
#42
 2,4,6-Trichlorophenol
 Concen: 42.13 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	78.0	117.0
200	31.0	25.4	38.2



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

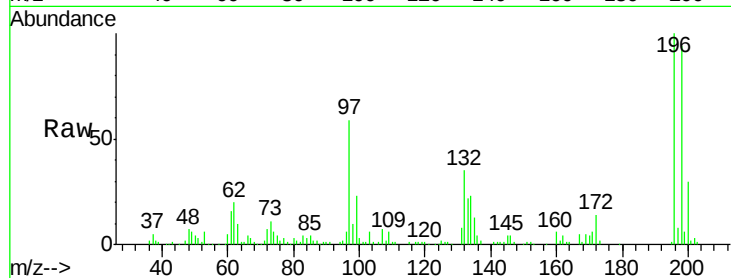




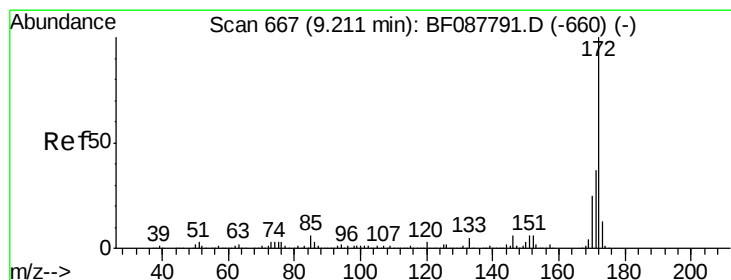
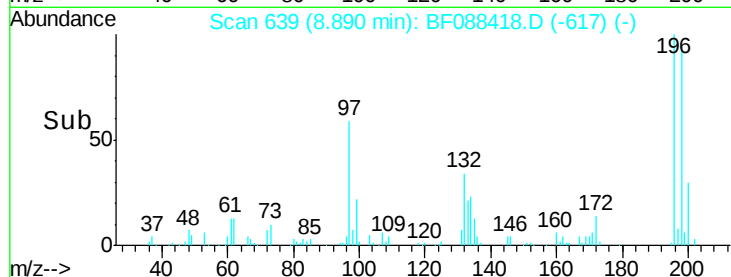
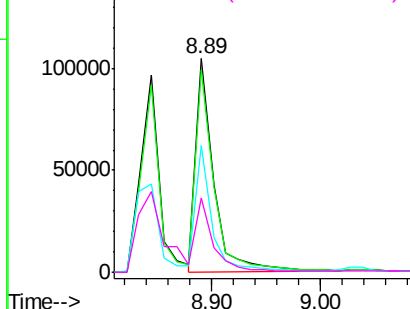
#43
 2,4,5-Trichlorophenol
 Concen: 42.69 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Tot Ion:196	Resp:	118880
Ion Ratio	Lower	Upper
196	100	
198	94.5	77.5 116.3
97	59.3	32.0 48.0#
132	34.7	20.9 31.3#

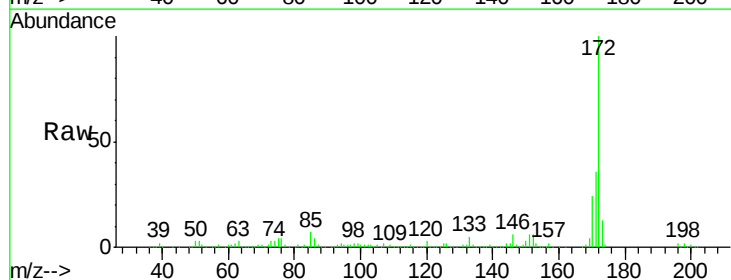


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

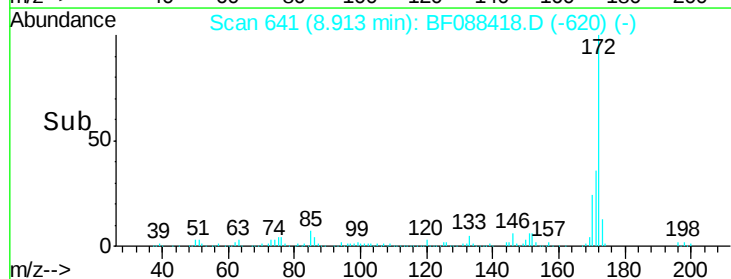
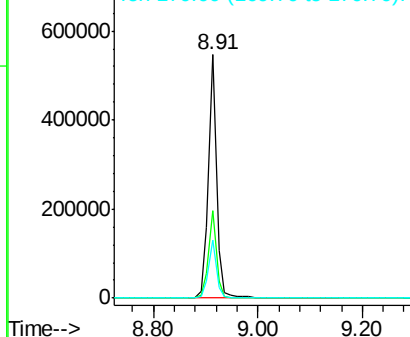


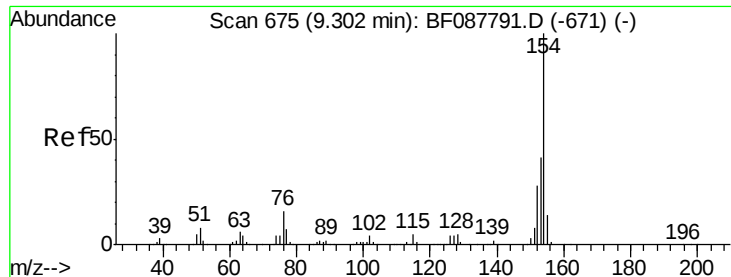
#44
 2-Fluorobiphenyl
 Concen: 68.71 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Tgt Ion:172	Resp:	594411
Ion Ratio	Lower	Upper
172	100	
171	35.7	28.6 43.0
170	23.7	19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 51.17 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

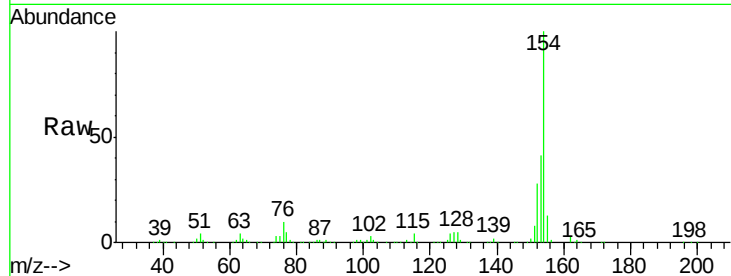
Tot Ion:154 Resp: 505530

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

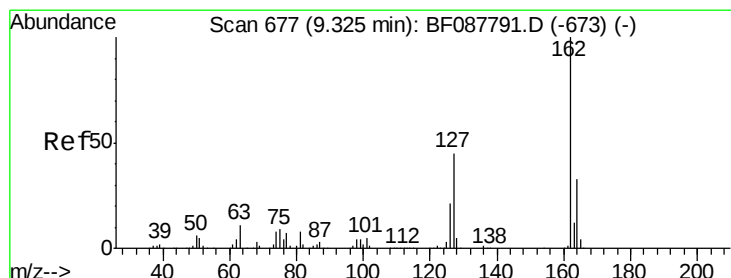
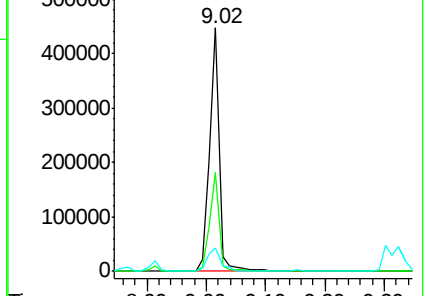
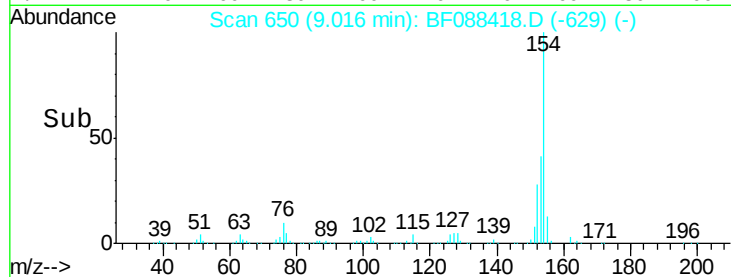
76 9.5 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.58 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

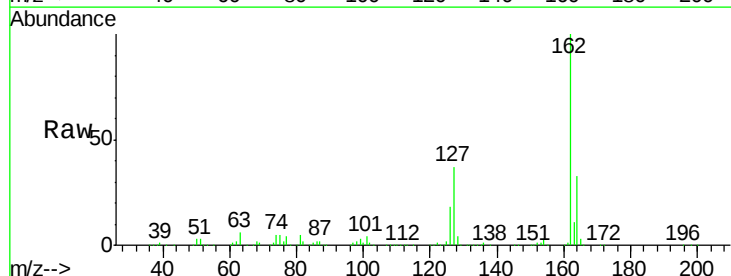
Tgt Ion:162 Resp: 386112

Ion Ratio Lower Upper

162 100

127 37.0 35.2 52.8

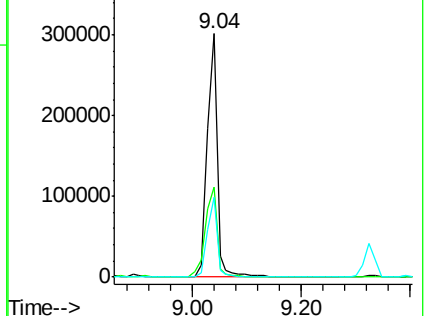
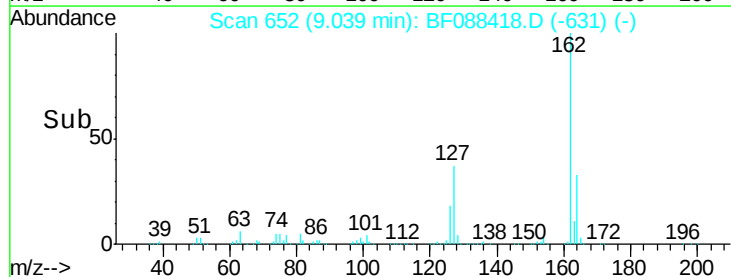
164 32.8 26.6 39.8

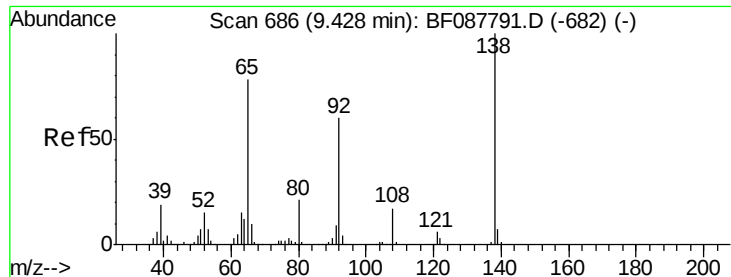


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.26 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

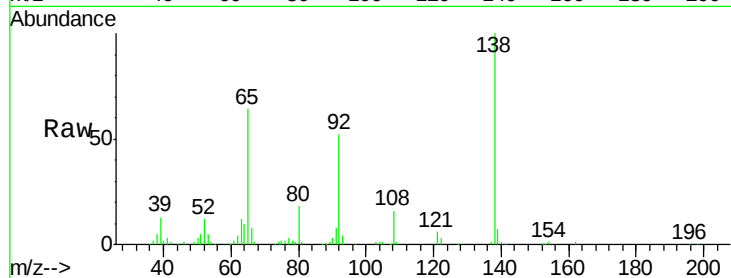
Tot Ion: 65 Resp: 115622

Ion Ratio Lower Upper

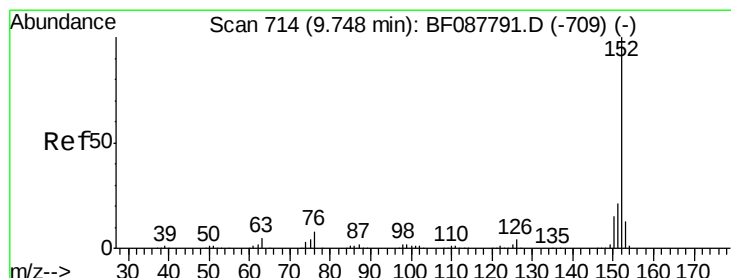
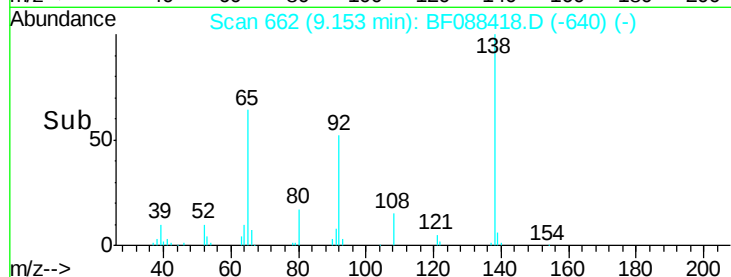
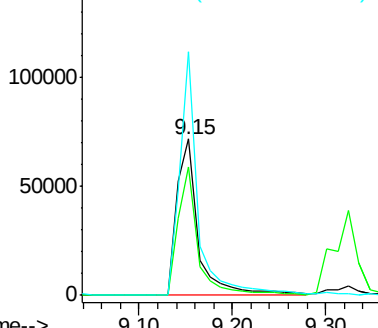
65 100

92 81.9 54.6 82.0

138 156.0 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 43.72 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

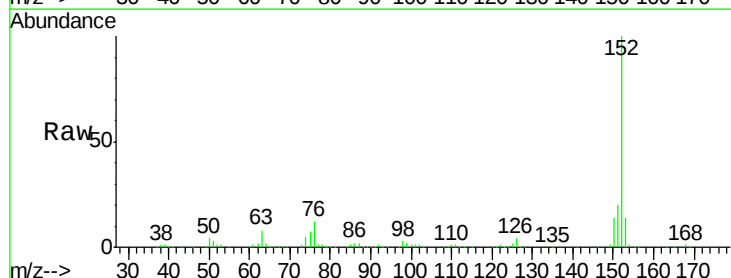
Tgt Ion: 152 Resp: 602240

Ion Ratio Lower Upper

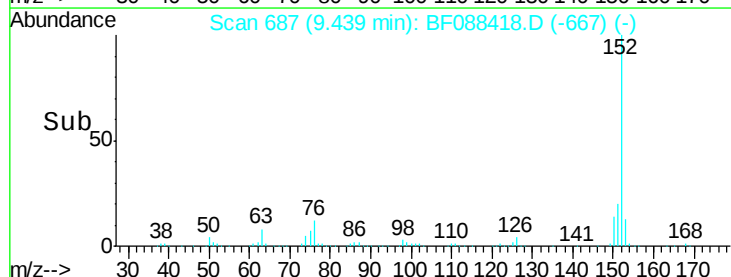
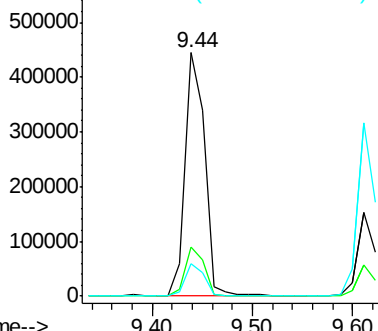
152 100

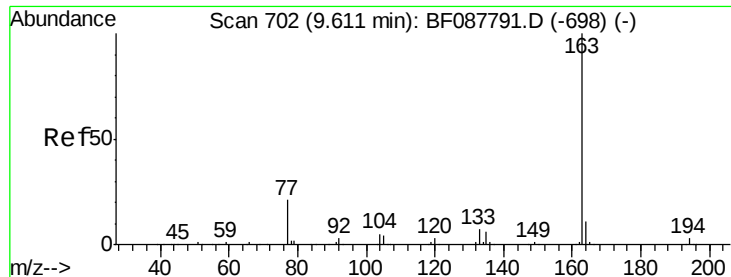
151 20.1 16.2 24.4

153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 58.50 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

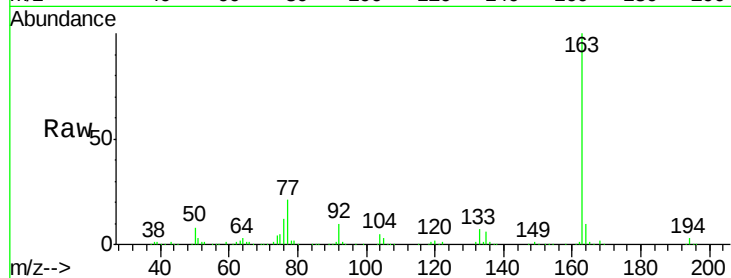
Tot Ion:163 Resp: 567132

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

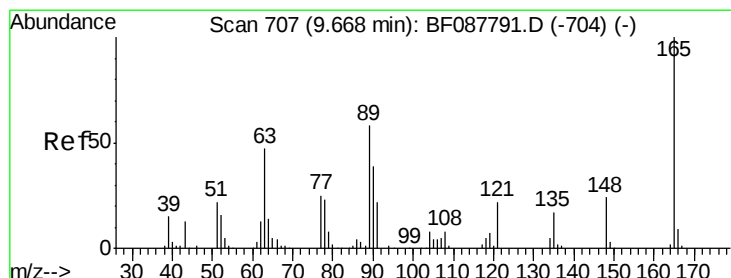
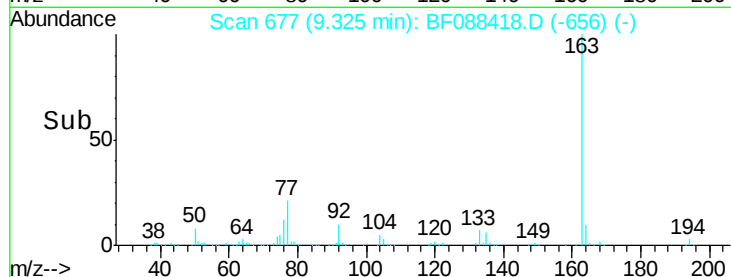
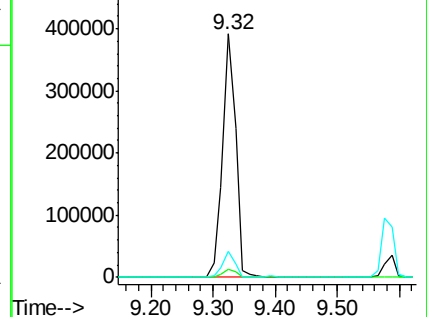
164 10.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.71 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

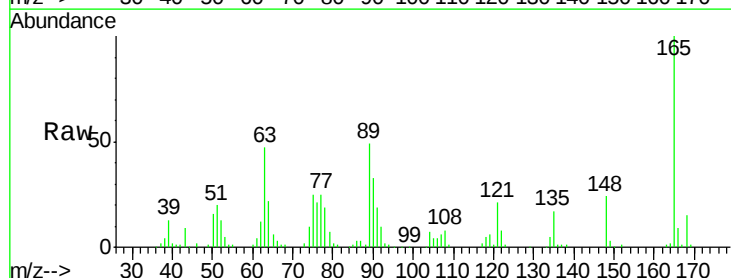
Tgt Ion:165 Resp: 110377

Ion Ratio Lower Upper

165 100

63 47.4 28.1 42.1#

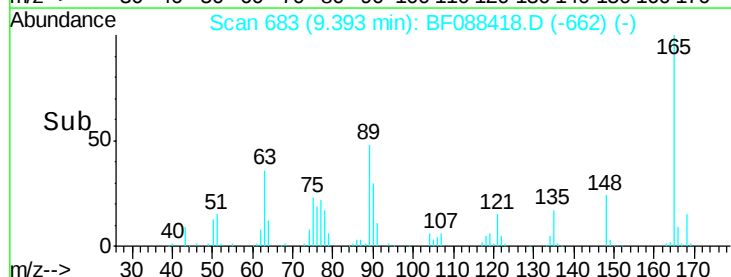
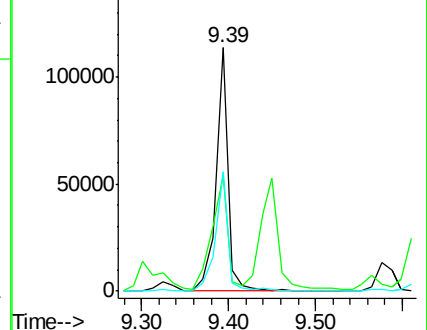
89 49.1 32.2 48.2#

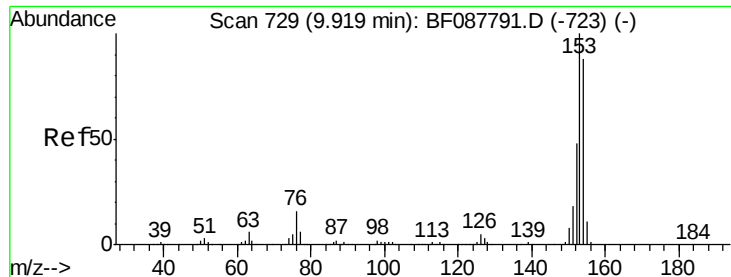


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.03 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.07 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

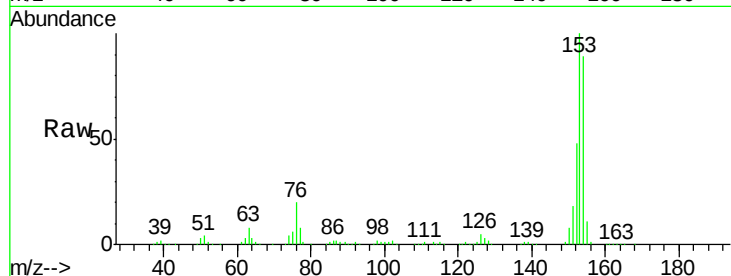
Tot Ion:154 Resp: 335397

Ion Ratio Lower Upper

154 100

153 112.8 89.5 134.3

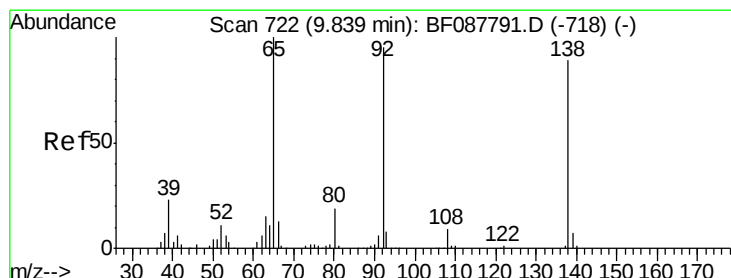
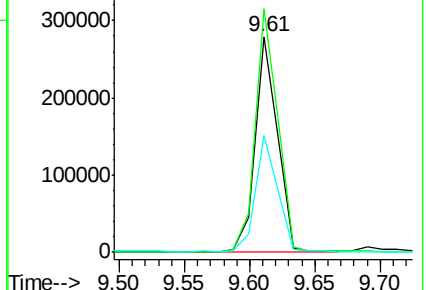
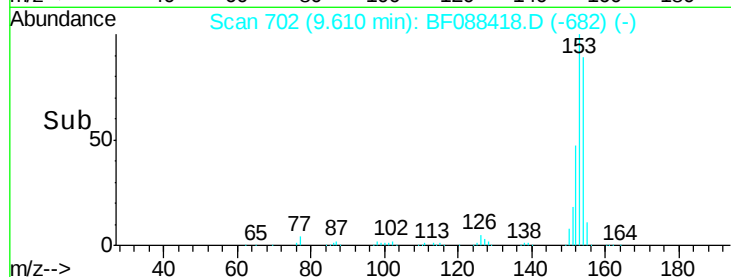
152 54.3 42.7 64.1



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: 25.48 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

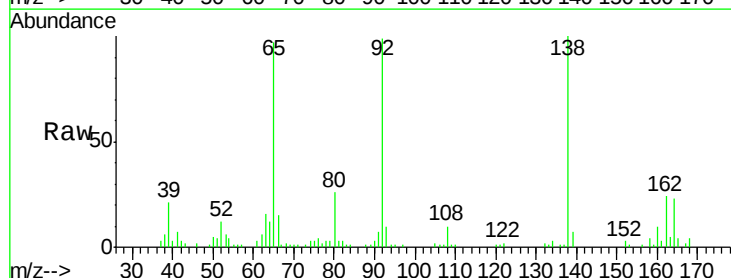
Tgt Ion:138 Resp: 65271

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

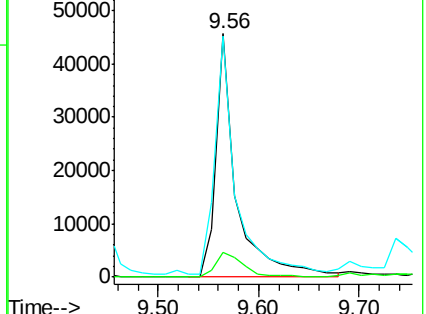
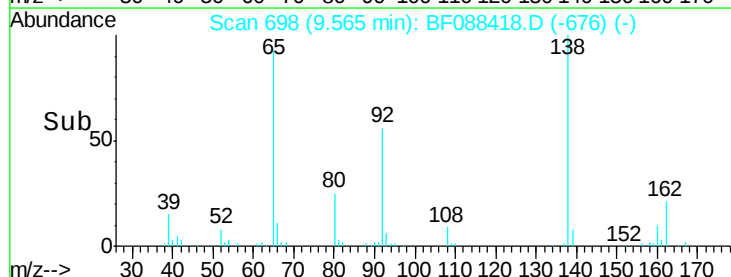
92 99.1 95.7 143.5

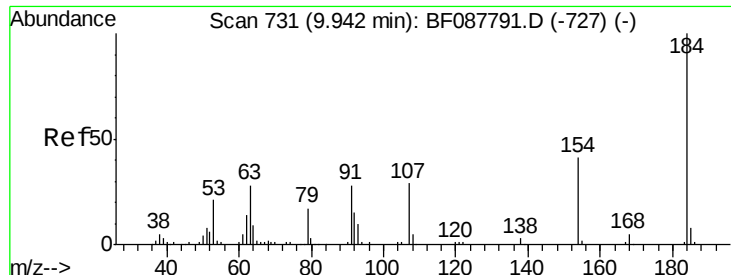


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

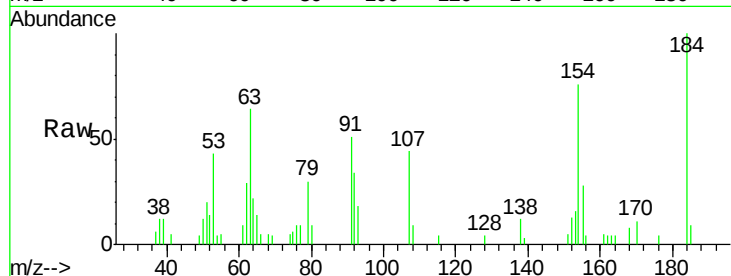




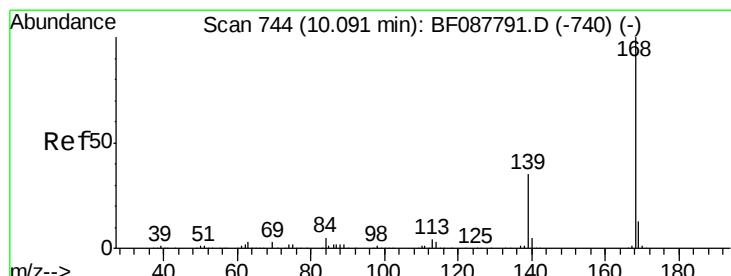
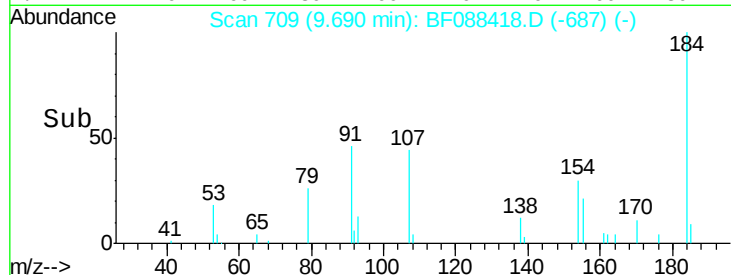
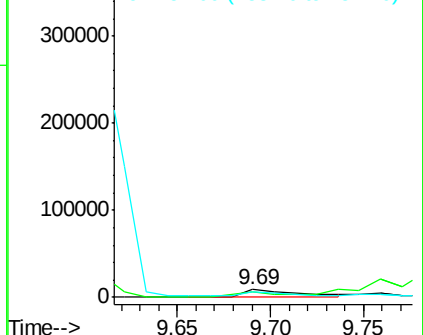
#53
2,4-Dinitrophenol
Concen: 20.14 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion:184 Resp: 18011
Ion Ratio Lower Upper
184 100
63 64.2 57.6 86.4
154 76.1 53.5 80.3

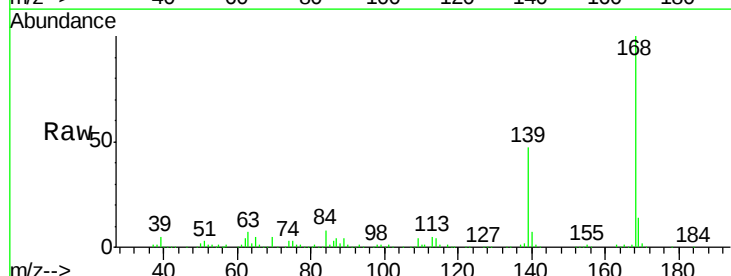


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

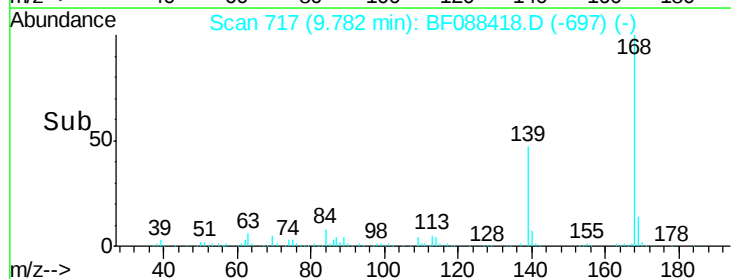
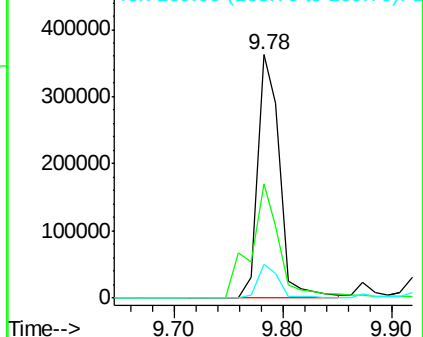


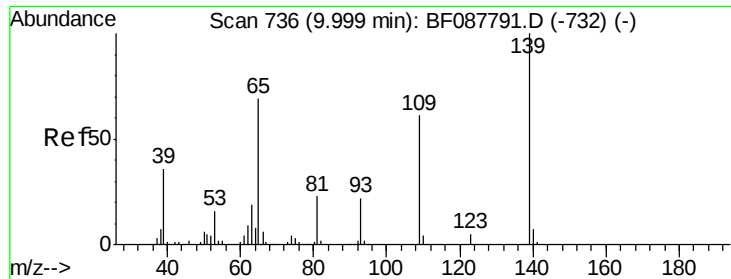
#54
Dibenzofuran
Concen: 42.94 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion:168 Resp: 508199
Ion Ratio Lower Upper
168 100
139 46.9 26.4 39.6#
169 13.9 10.4 15.6



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

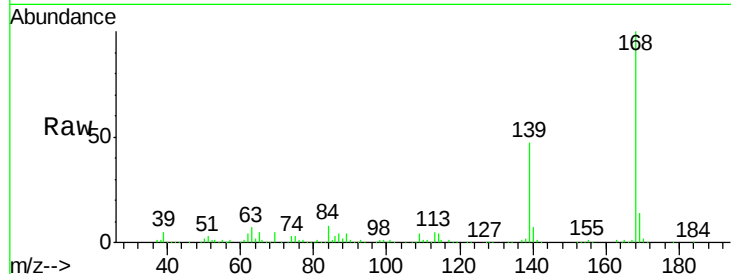




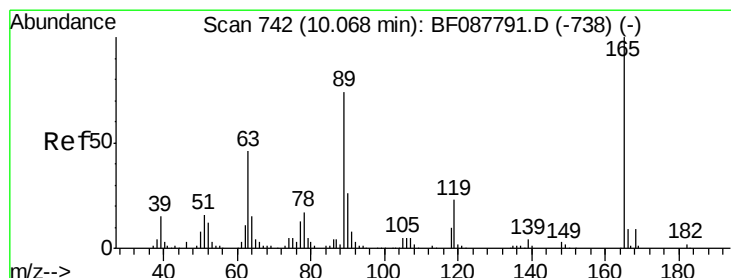
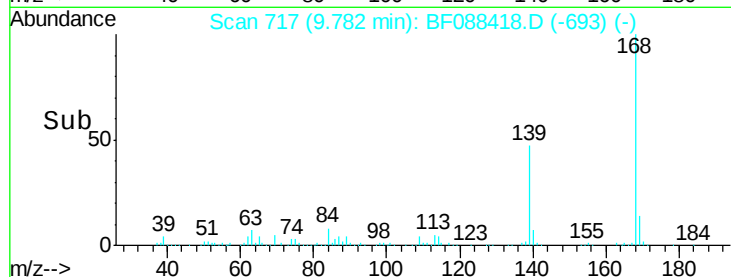
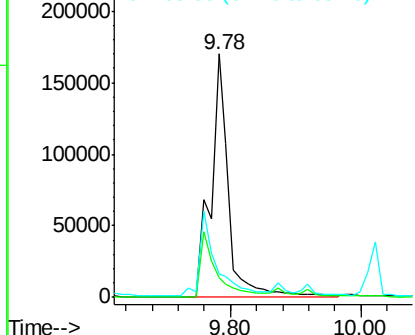
#55
4-Nitrophenol
Concen: 165.66 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion:139 Resp: 329410
Ion Ratio Lower Upper
139 100
109 7.9 48.9 88.9#
65 9.7 84.9 124.9#



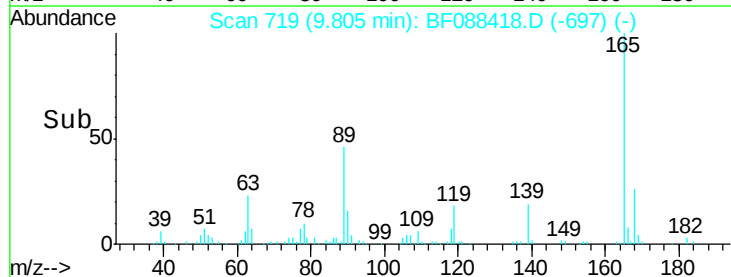
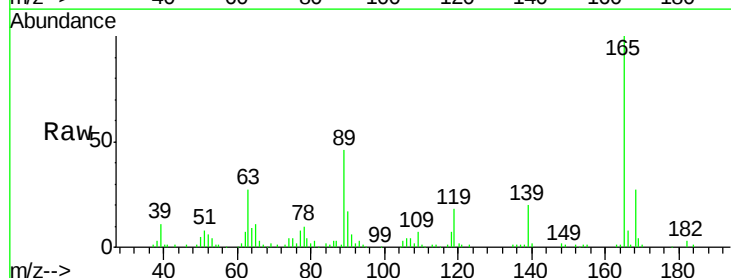
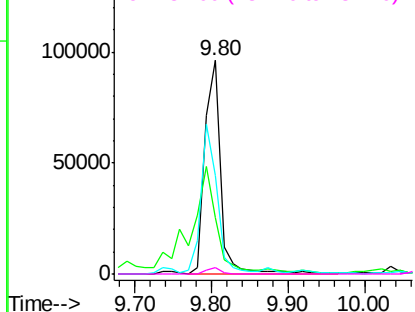
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

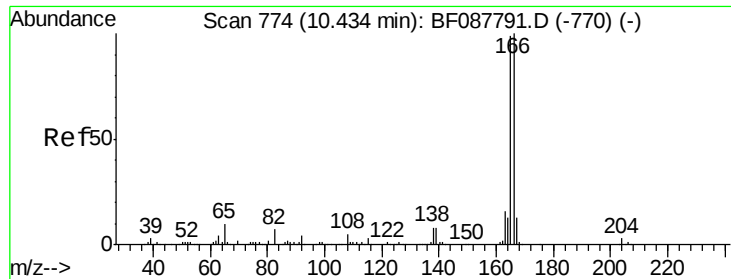


#56
2,4-Dinitrotoluene
Concen: 48.24 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion:165 Resp: 137636
Ion Ratio Lower Upper
165 100
63 26.7 22.0 33.0
89 46.3 41.1 61.7
182 2.8 2.0 3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.07 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.07 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

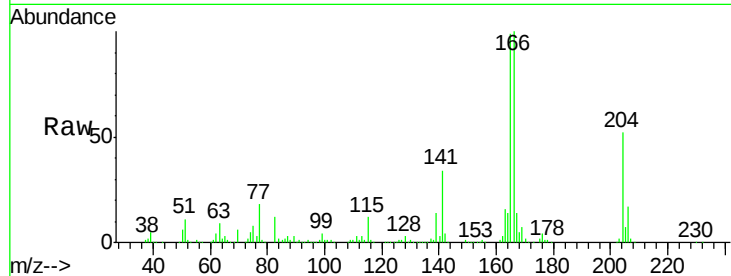
Tot Ion:166 Resp: 381807

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

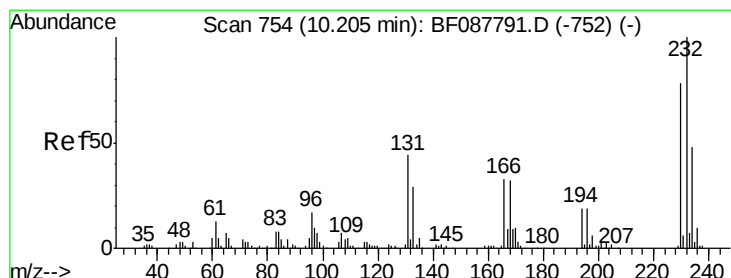
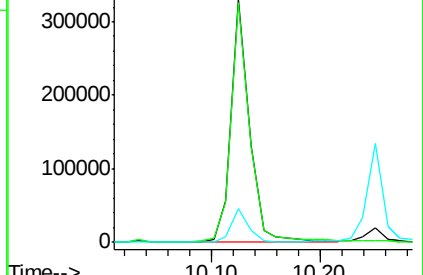
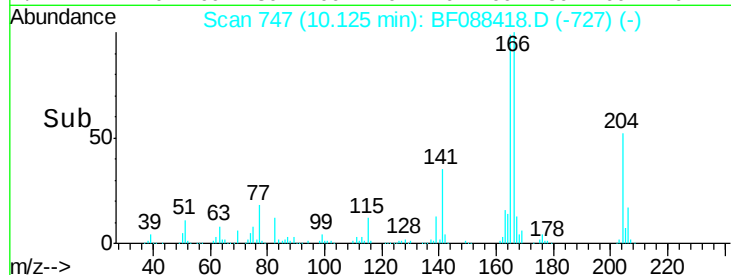
167 13.6 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.63 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion:232 Resp: 106416

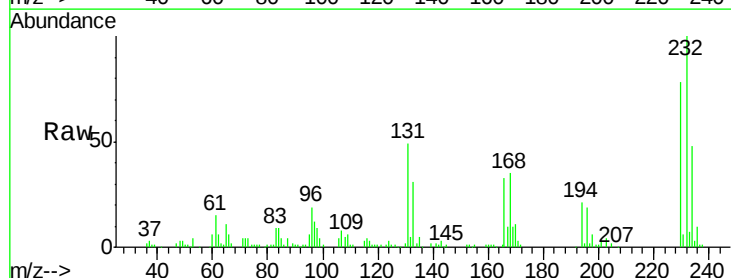
Ion Ratio Lower Upper

232 100

131 46.8 0.9 1.3#

130 2.1 1.5 2.3

166 29.5 0.5 0.7#

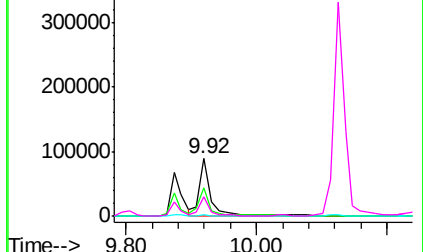
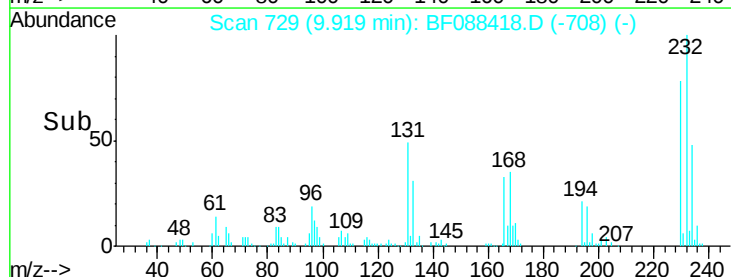


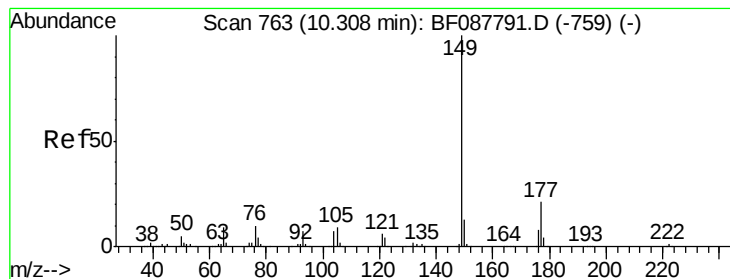
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.44 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

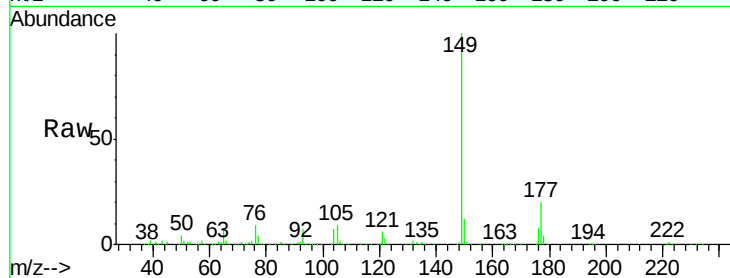
Tot Ion:149 Resp: 465598

Ion Ratio Lower Upper

149 100

177 20.4 16.9 25.3

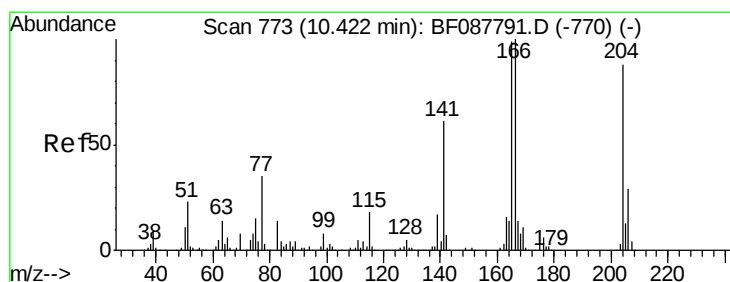
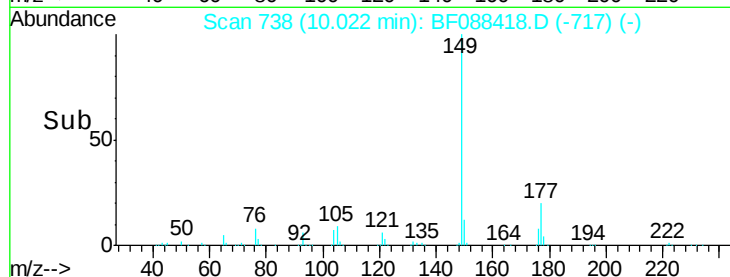
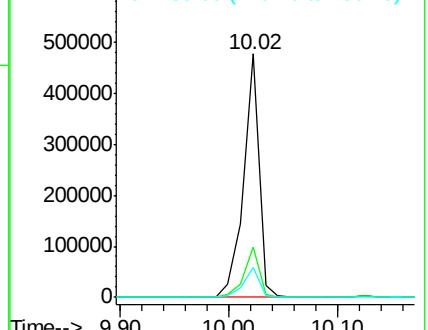
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.03 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

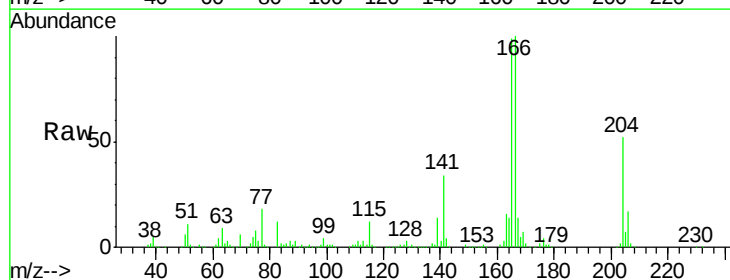
Tgt Ion:204 Resp: 173311

Ion Ratio Lower Upper

204 100

206 32.7 26.3 39.5

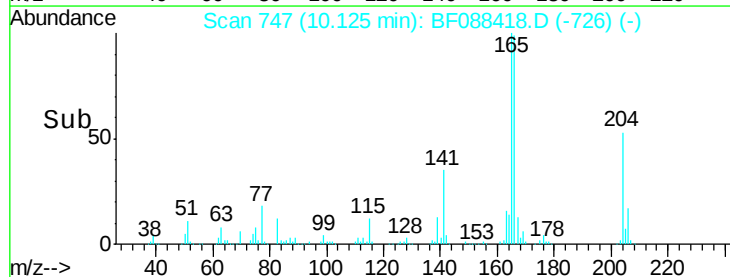
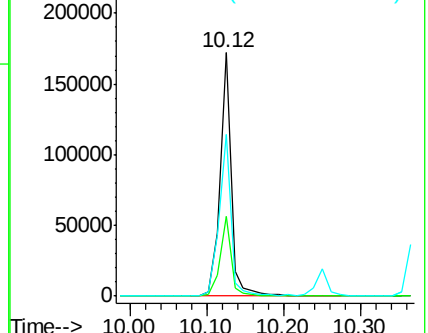
141 66.3 55.0 82.6

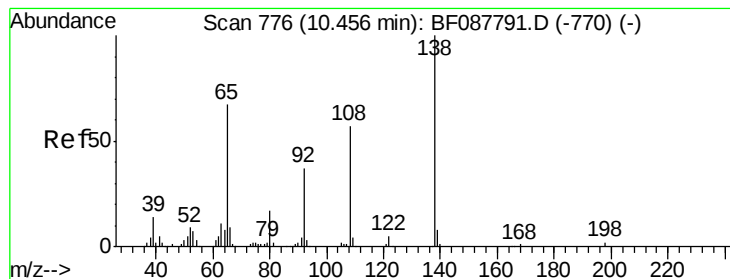


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.76 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.05 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

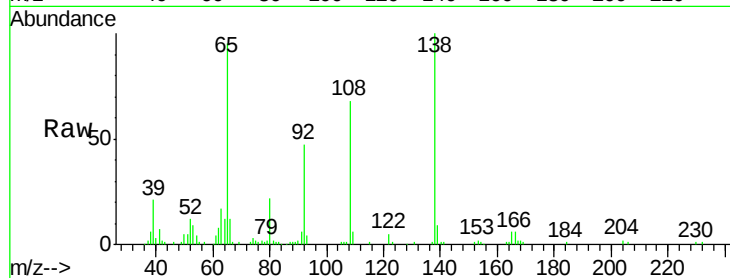
Tot Ion:138 Resp: 108775

Ion Ratio Lower Upper

138 100

92 47.0 27.3 67.3

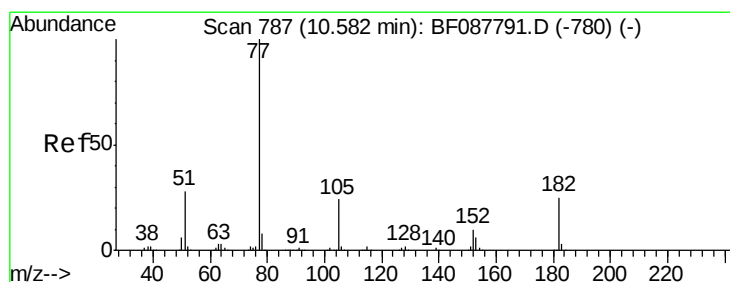
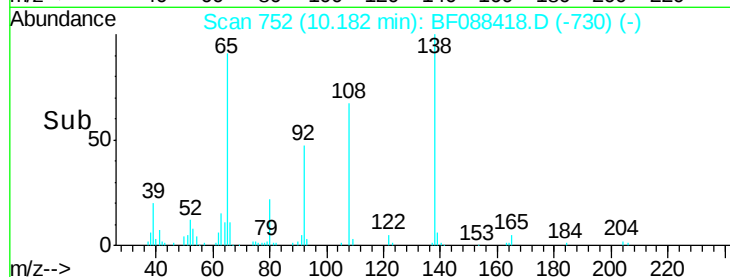
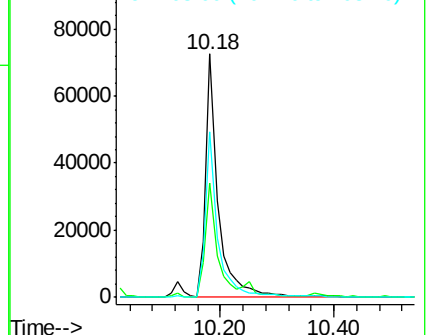
108 68.0 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.50 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Tgt Ion: 77 Resp: 441518

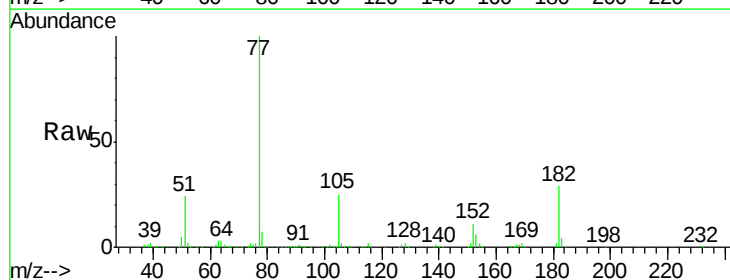
Ion Ratio Lower Upper

77 100

182 28.8 4.4 44.4

105 25.0 3.8 43.8

51 24.4 9.3 49.3

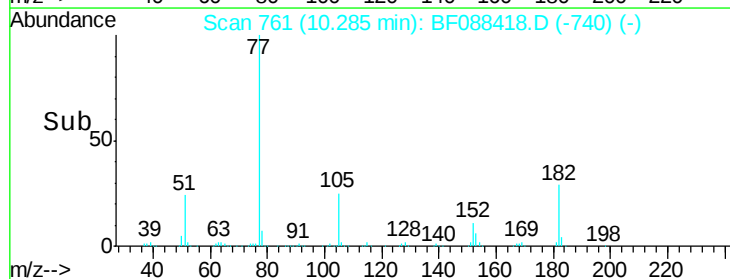
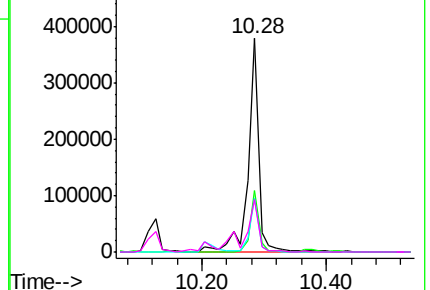


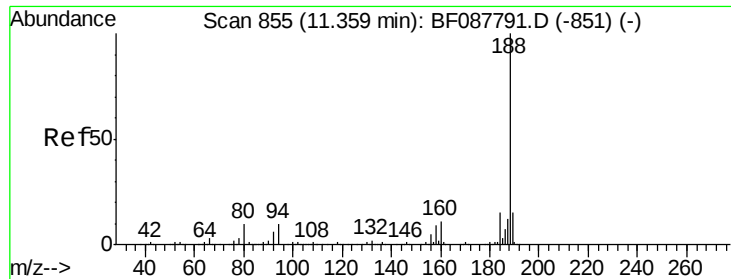
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

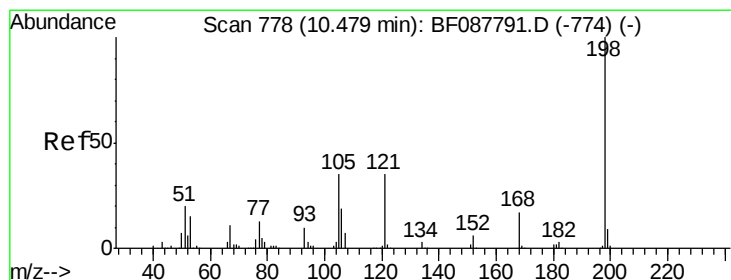
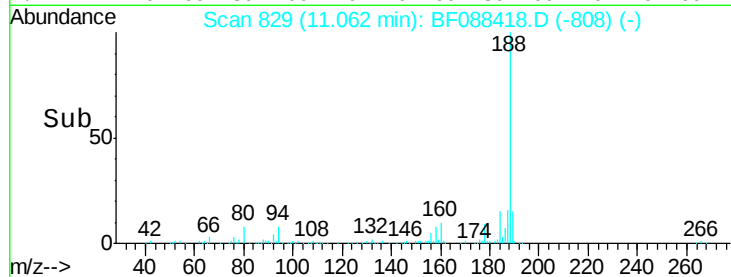
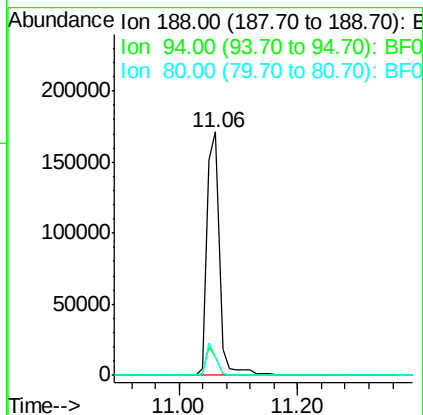
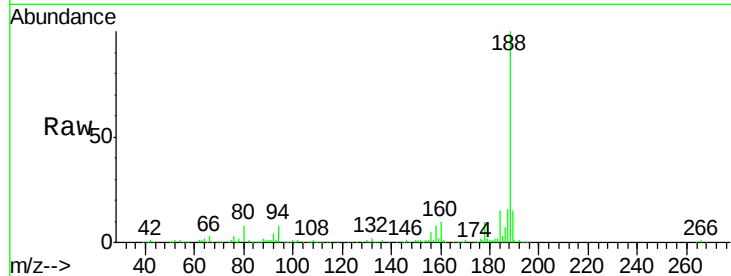




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

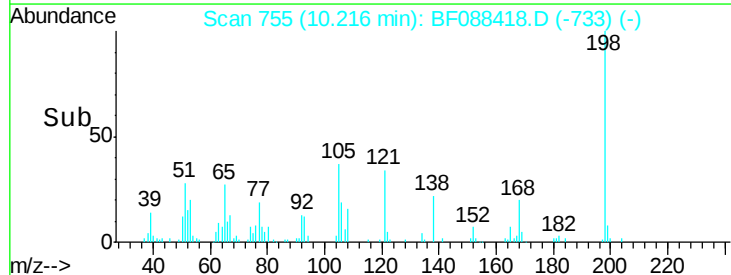
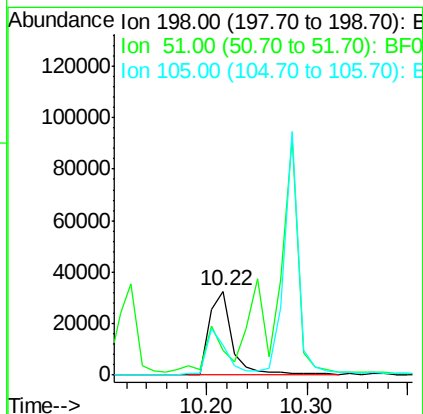
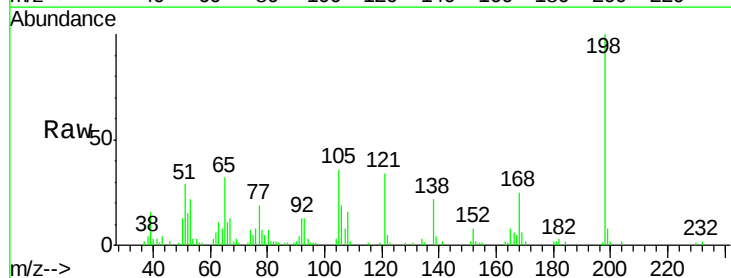
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

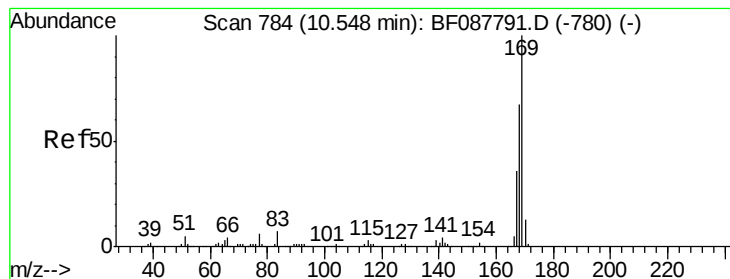
Tot Ion:188 Resp: 253143
Ion Ratio Lower Upper
188 100
94 7.6 9.0 13.6#
80 7.7 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.16 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.05 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion:198 Resp: 52954
Ion Ratio Lower Upper
198 100
51 28.7 39.6 79.6#
105 36.2 36.6 76.6#





#65

n-Nitrosodiphenylamine

Concen: 44.90 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

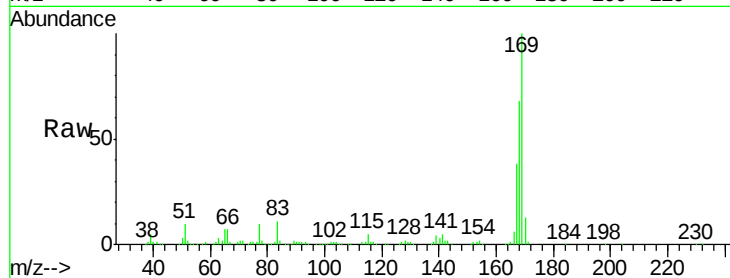
Tot Ion:169 Resp: 377112

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

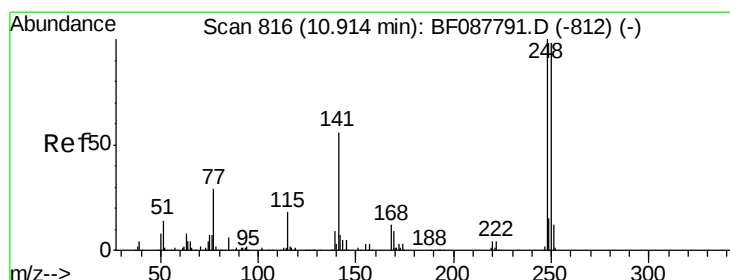
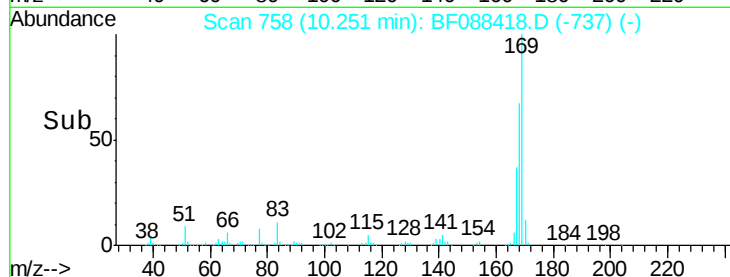
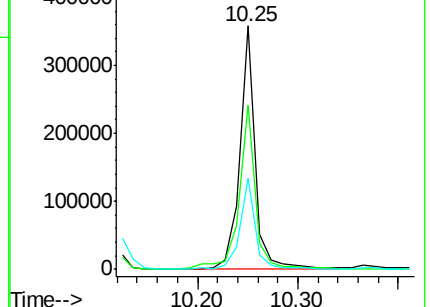
167 37.6 29.4 44.0



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: 40.78 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.07 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

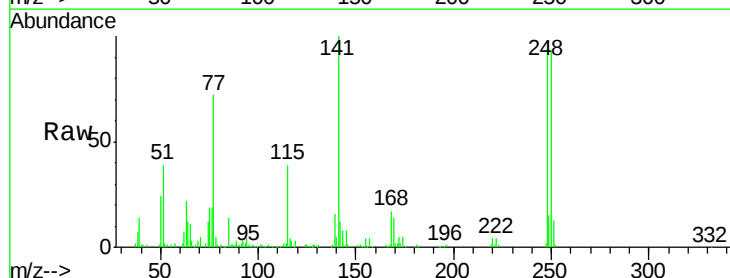
Tgt Ion:248 Resp: 110746

Ion Ratio Lower Upper

248 100

250 96.7 77.1 115.7

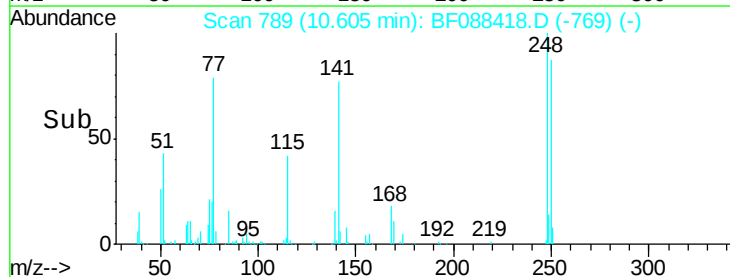
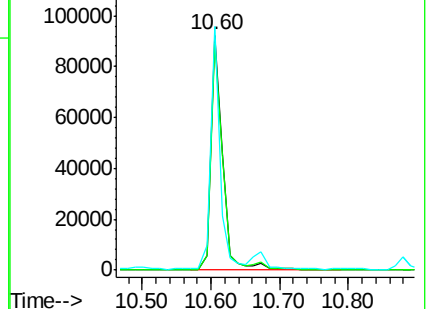
141 103.6 50.6 76.0#

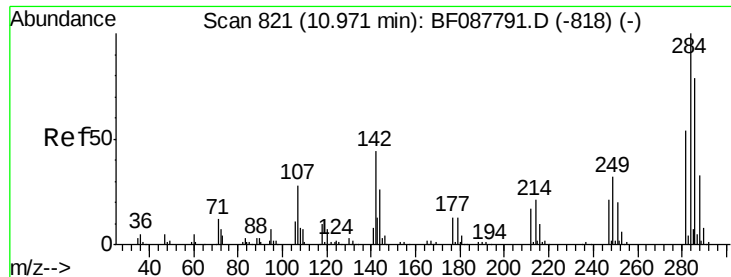


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

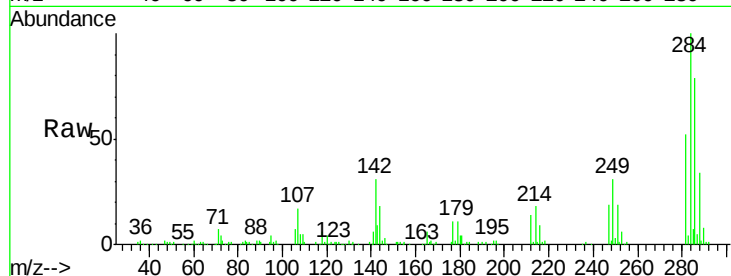




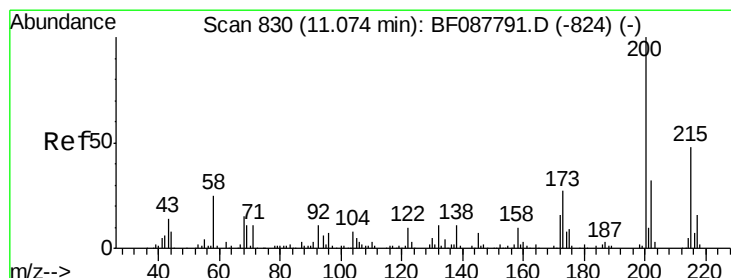
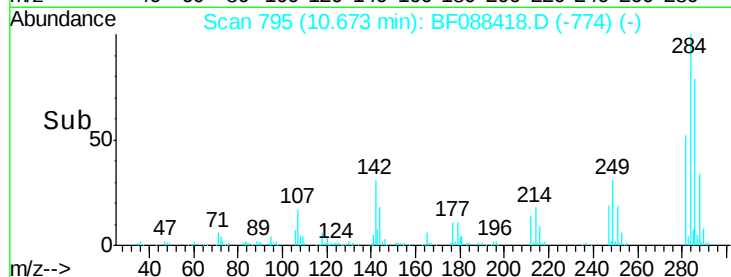
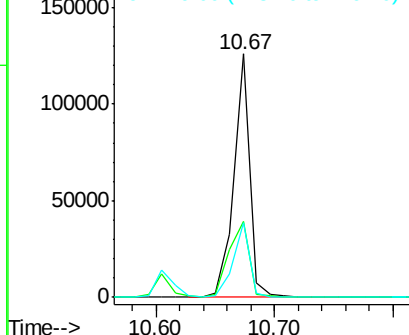
#67
Hexachlorobenzene
Concen: 41.48 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

Tot Ion:284 Resp: 117037
Ion Ratio Lower Upper
284 100
142 31.0 35.8 53.8#
249 30.6 25.8 38.6

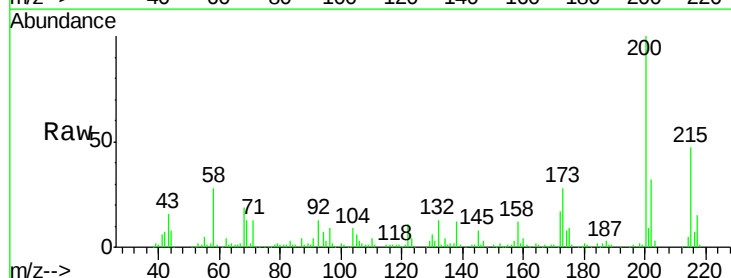


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

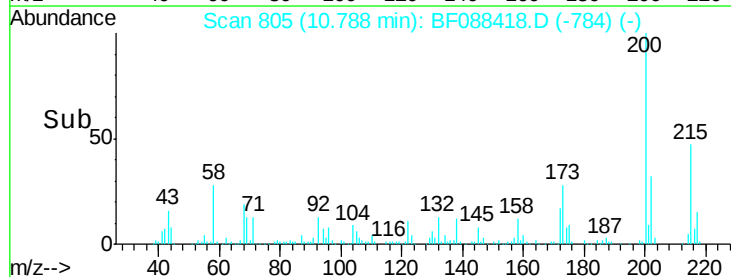
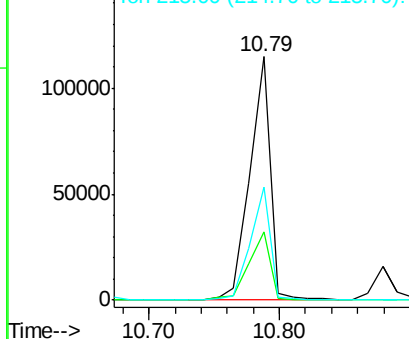


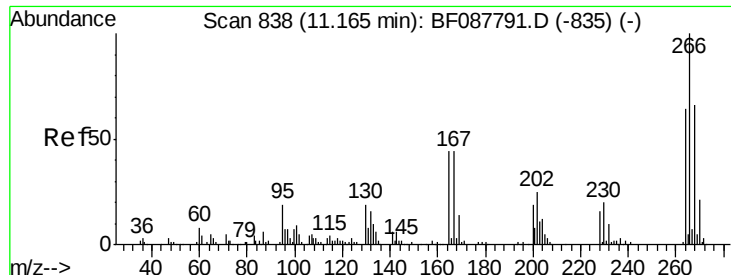
#68
Atrazine
Concen: 49.38 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.06 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion:200 Resp: 125606
Ion Ratio Lower Upper
200 100
173 28.0 4.0 44.0
215 46.6 29.3 69.3



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

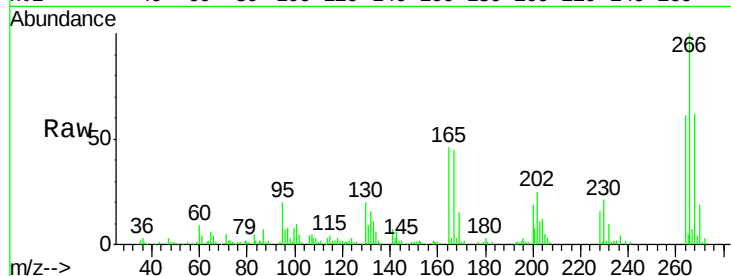




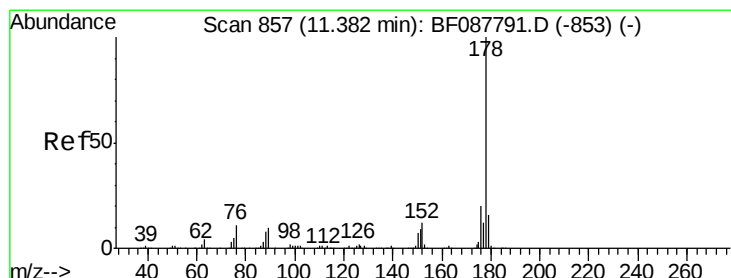
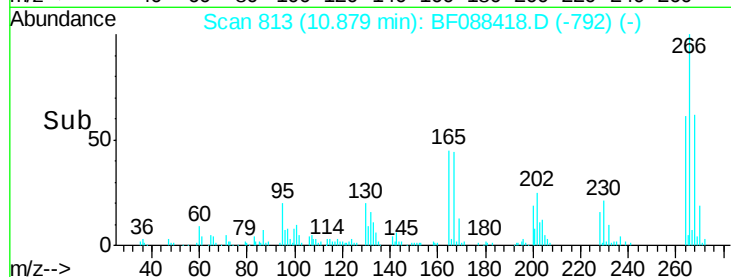
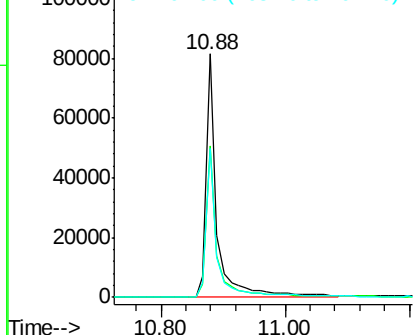
#69
 Pentachlorophenol
 Concen: 67.38 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Tot Ion:266 Resp: 100217
 Ion Ratio Lower Upper
 266 100
 268 62.0 52.8 79.2
 264 61.4 49.6 74.4

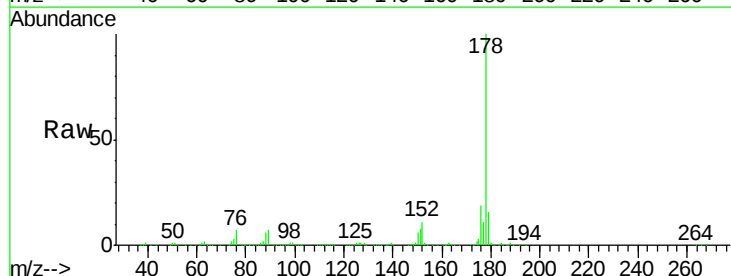


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

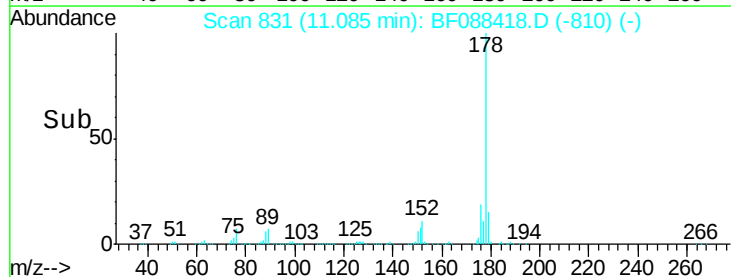
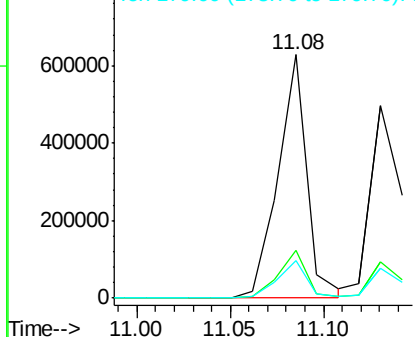


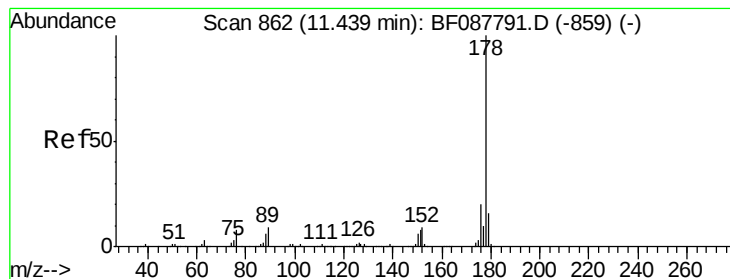
#70
 Phenanthrene
 Concen: 50.81 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Tgt Ion:178 Resp: 674893
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 15.6 13.0 19.4



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





#71

Anthracene

Concen: 46.86 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.07 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

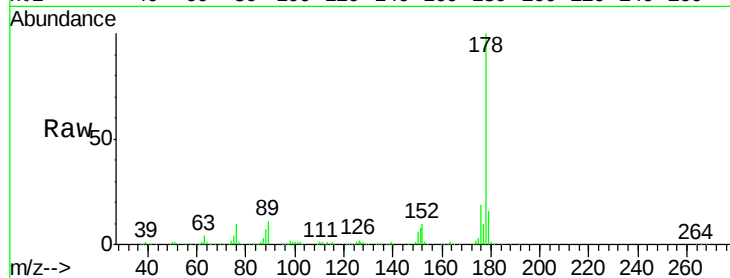
Tot Ion:178 Resp: 627902

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

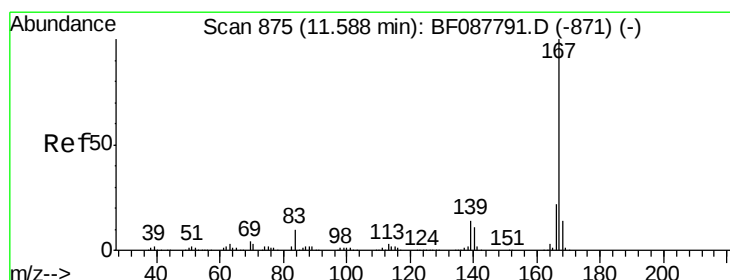
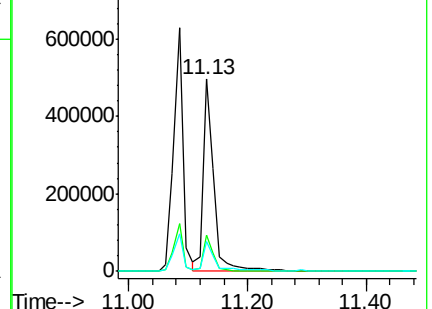
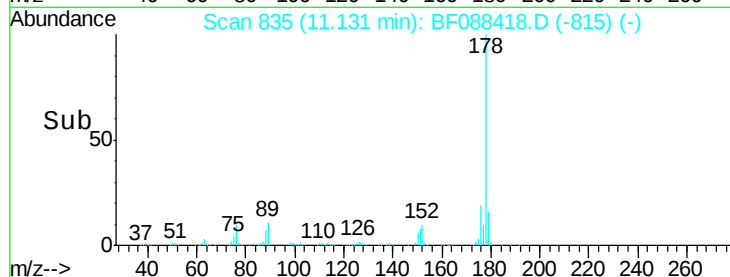
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 49.41 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

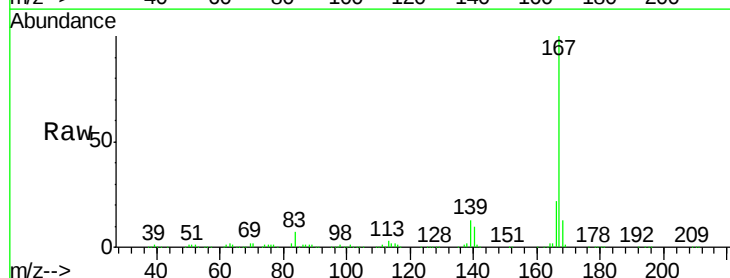
Tgt Ion:167 Resp: 619497

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

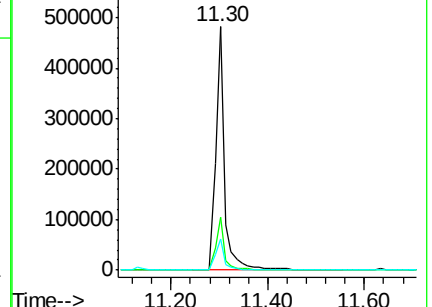
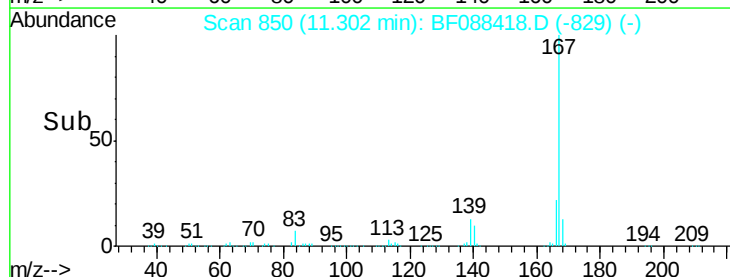
139 12.6 11.2 16.8

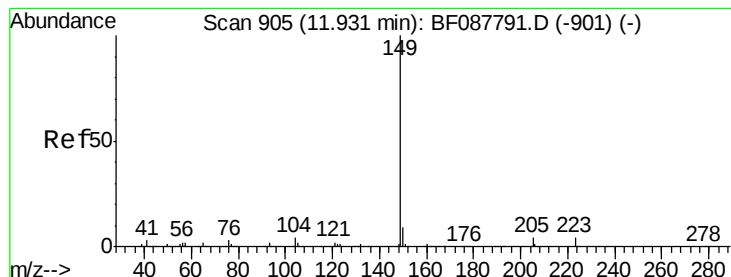


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.10 ng

RT: 11.63 min Scan# 879

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

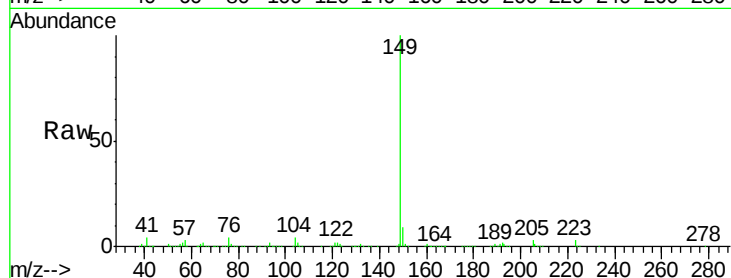
Tot Ion:149 Resp: 715804

Ion Ratio Lower Upper

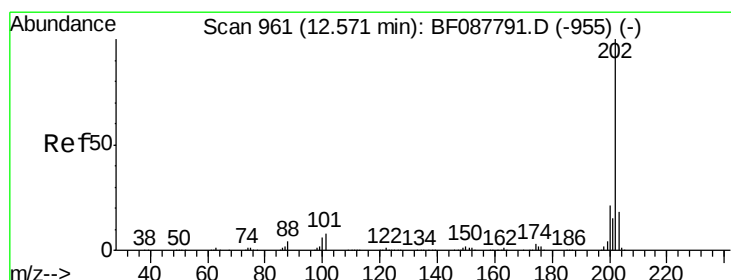
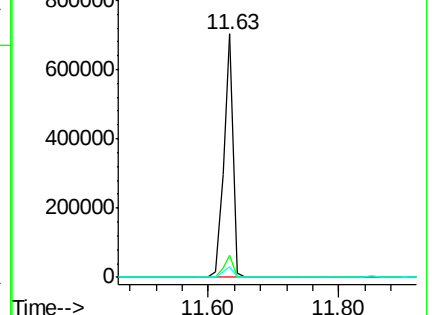
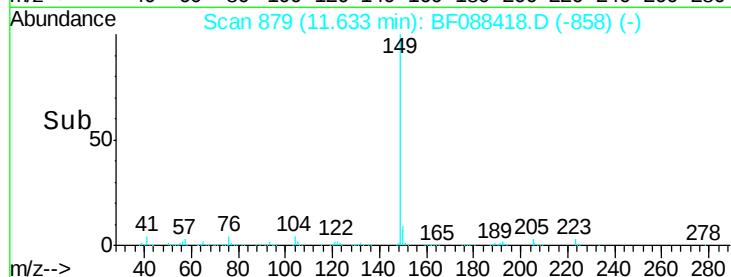
149 100

150 9.1 7.8 11.6

104 4.2 4.0 6.0



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: 59.41 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

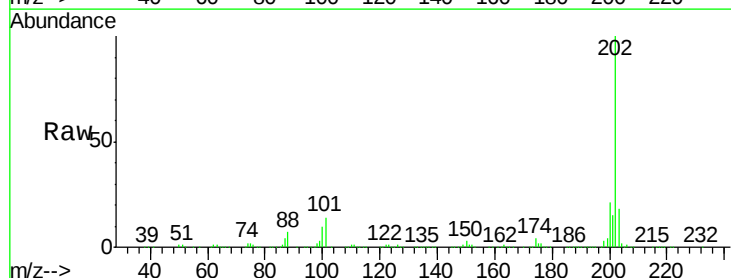
Tgt Ion:202 Resp: 832847

Ion Ratio Lower Upper

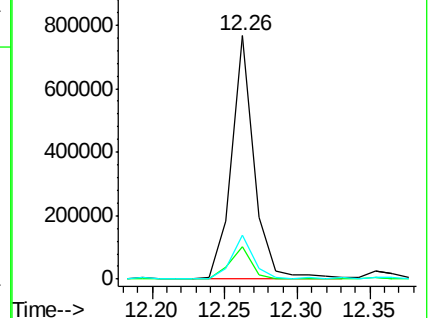
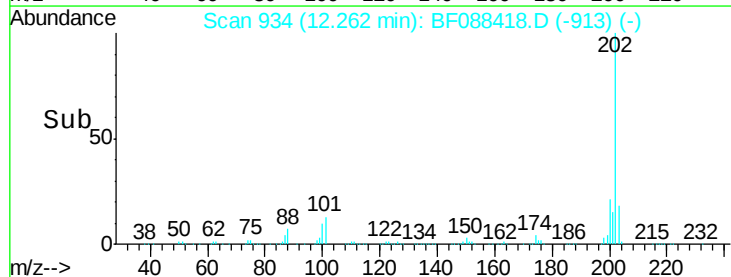
202 100

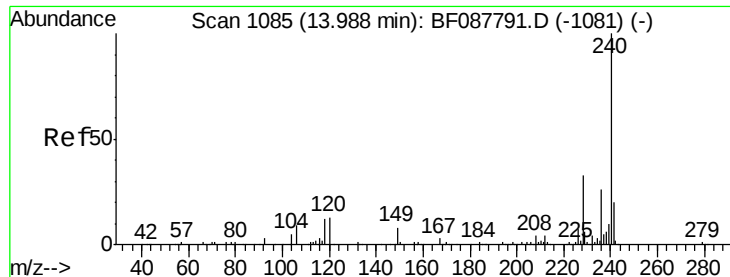
101 13.6 0.0 33.1

203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

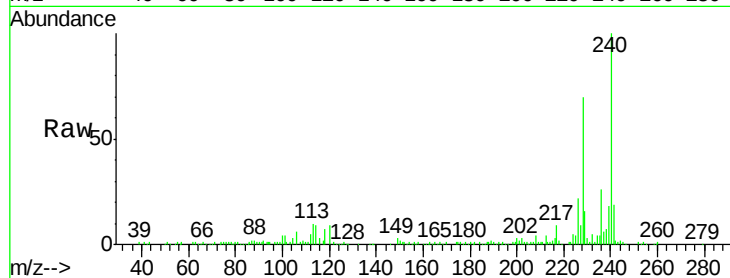
Tot Ion:240 Resp: 169725

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

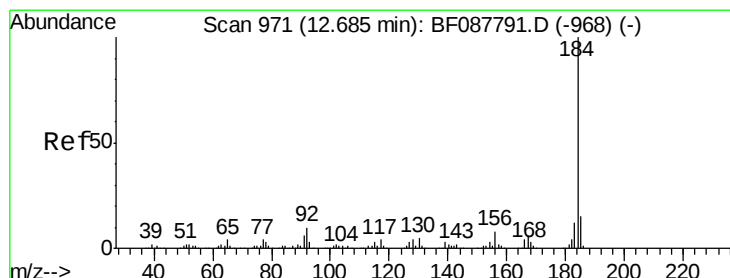
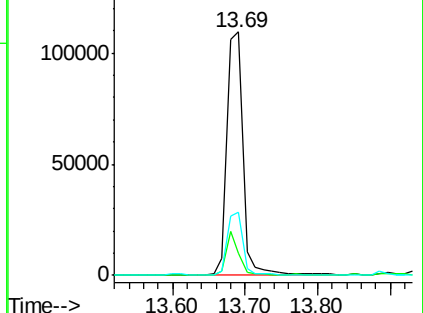
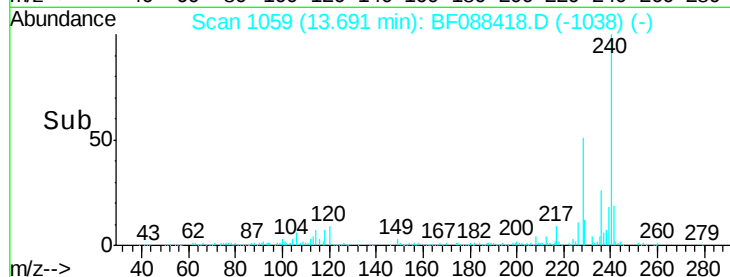
236 25.8 20.2 30.2



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: 25.38 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

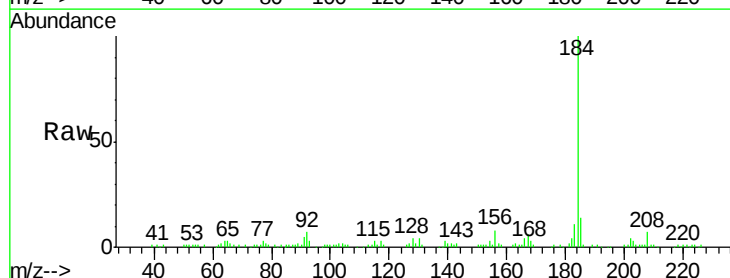
Tgt Ion:184 Resp: 119265

Ion Ratio Lower Upper

184 100

185 14.0 12.5 18.7

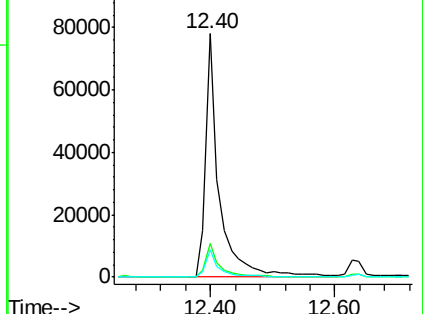
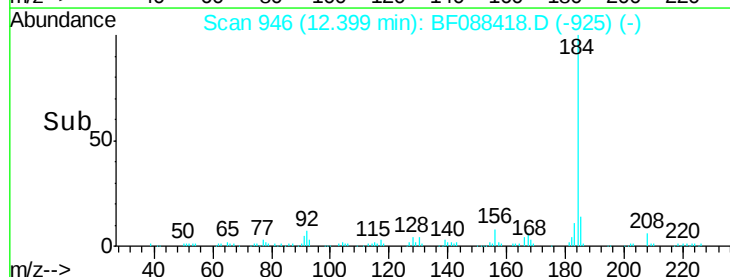
183 11.2 9.3 13.9

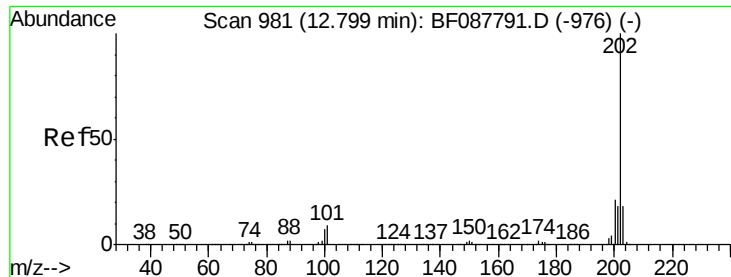


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 67.96 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

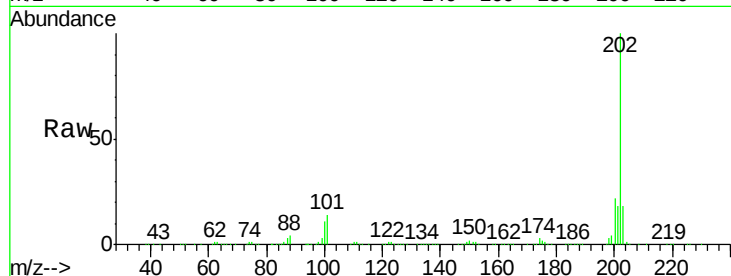
Tot Ion:202 Resp: 855947

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

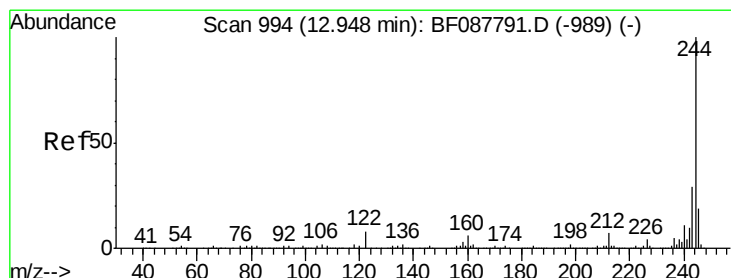
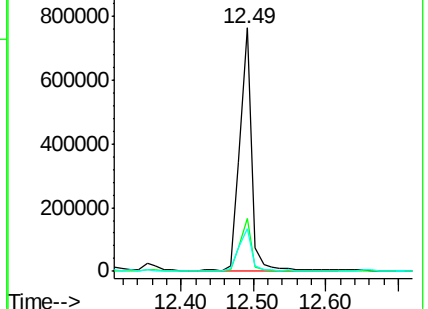
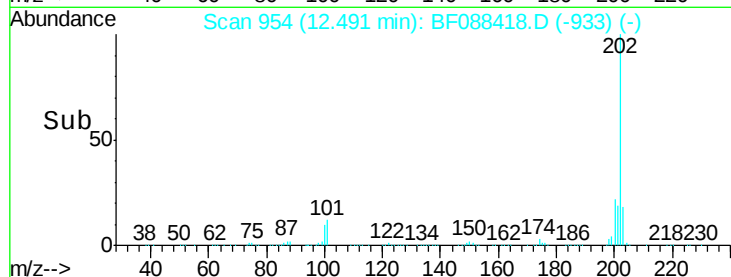
203 17.8 14.5 21.7



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: 71.05 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

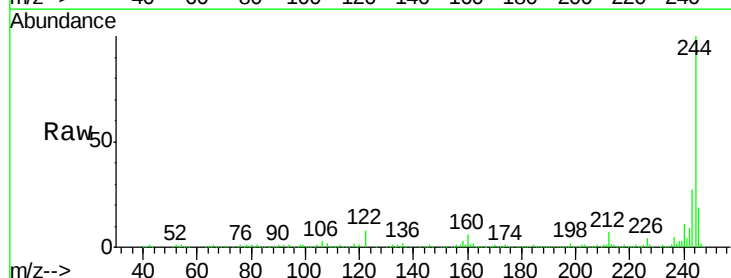
Tgt Ion:244 Resp: 529930

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

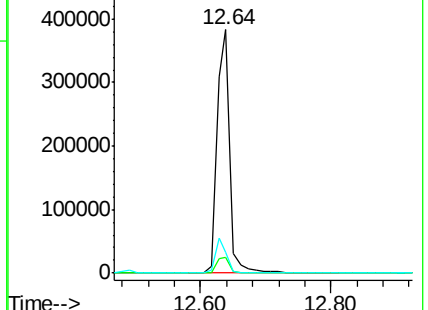
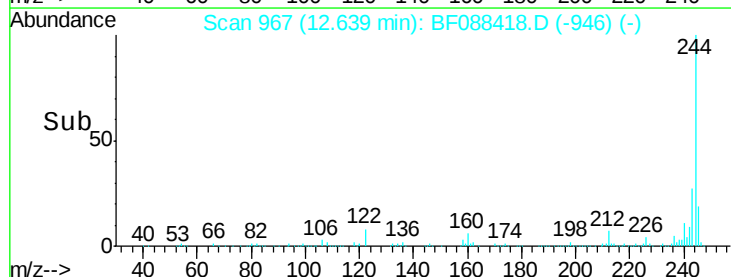
122 8.4 11.2 16.8#

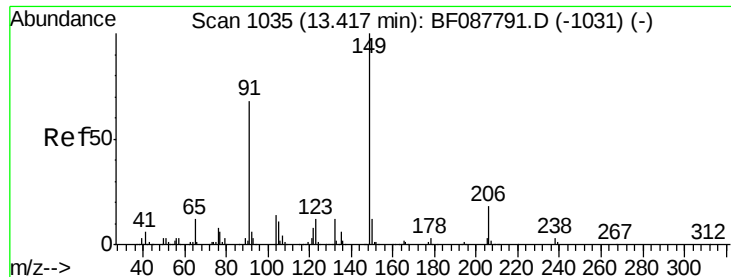


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

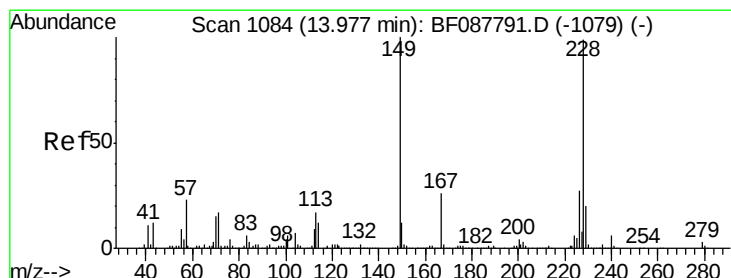
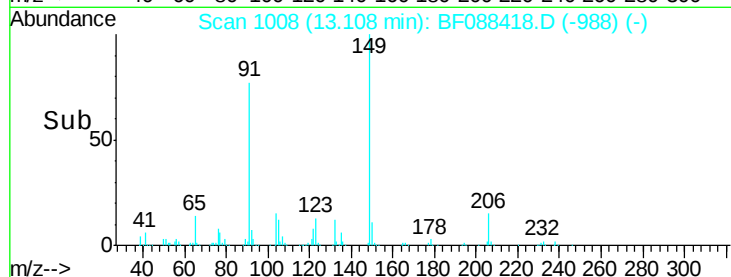
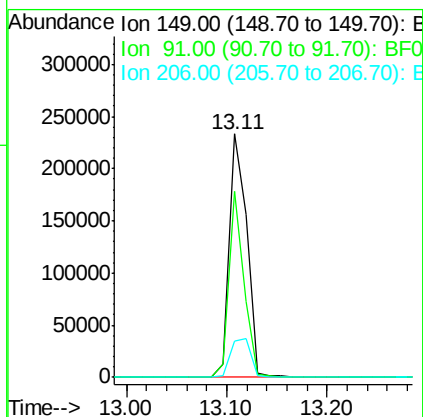
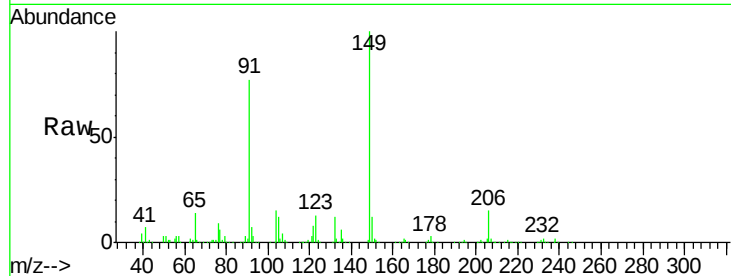




#79
Butylbenzylphthalate
Concen: 50.74 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

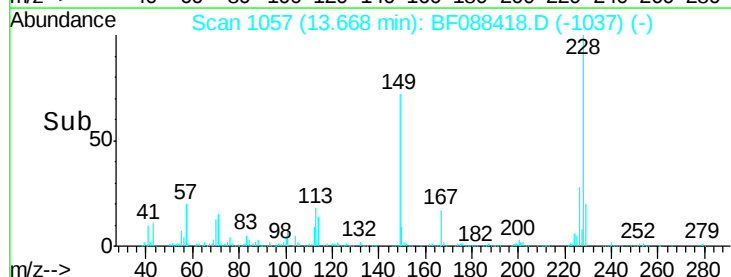
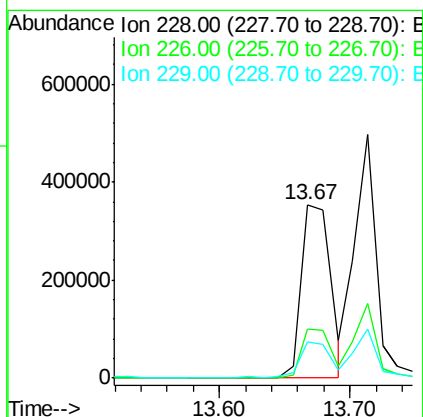
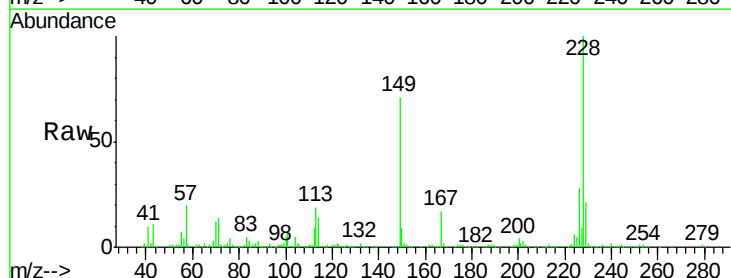
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

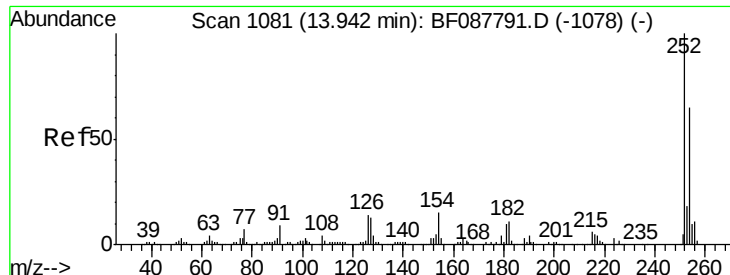
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.7	48.0	72.0#
206	14.8	16.0	24.0#



#80
Benzo(a)anthracene
Concen: 56.64 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	20.8	16.0	24.0

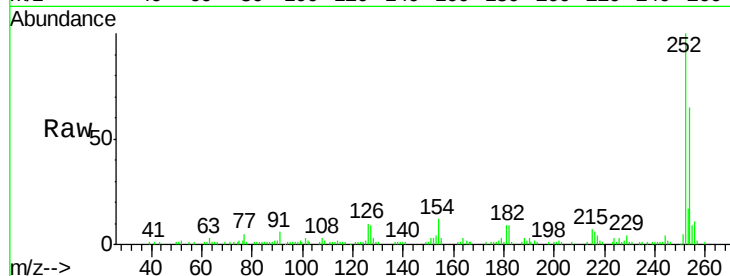




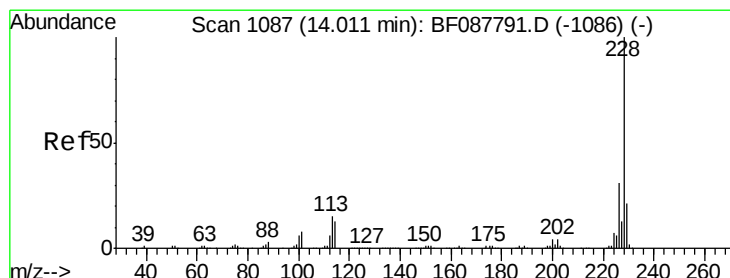
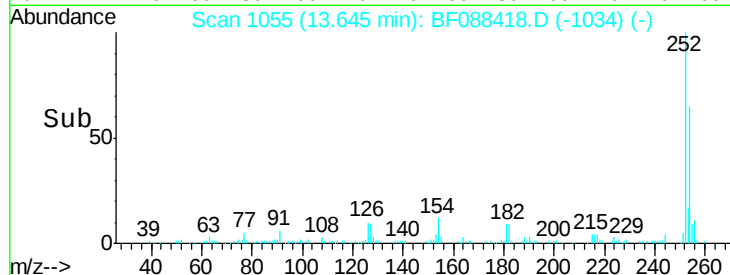
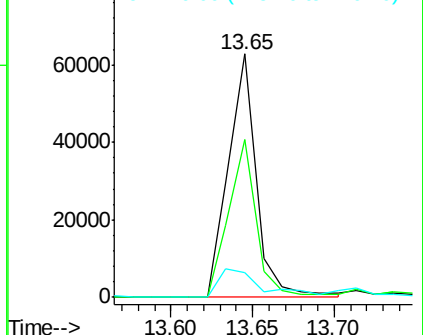
#81
 3,3'-Dichlorobenzidine
 Concen: 28.71 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	10.0	6.2	9.2

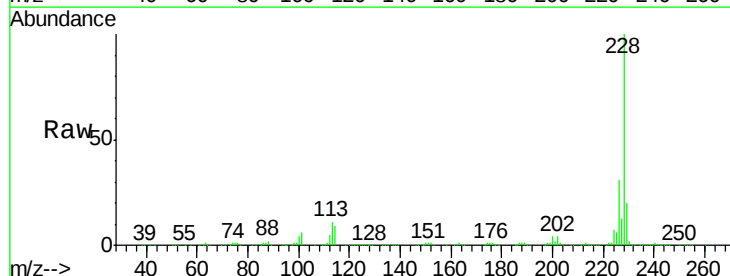


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

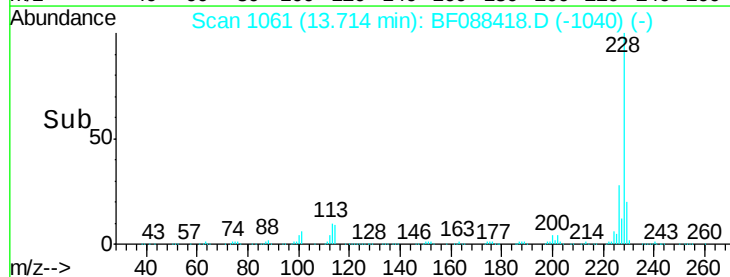
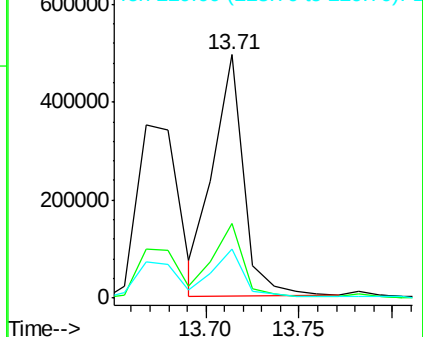


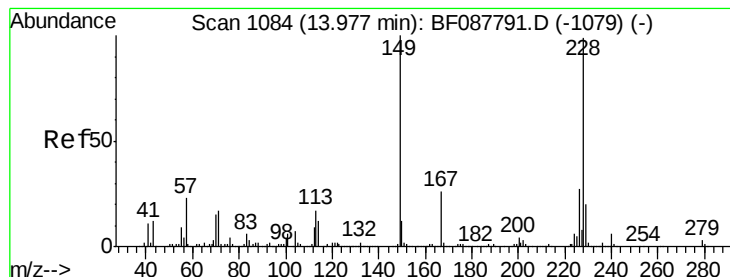
#82
 Chrysene
 Concen: 61.47 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.06 min
 Lab File: BF088418.D
 Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.2
229	20.2	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.03 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.07 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

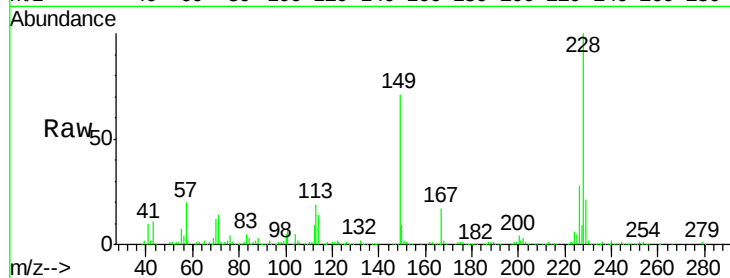
Tot Ion:149 Resp: 345893

Ion Ratio Lower Upper

149 100

167 24.0 20.5 30.7

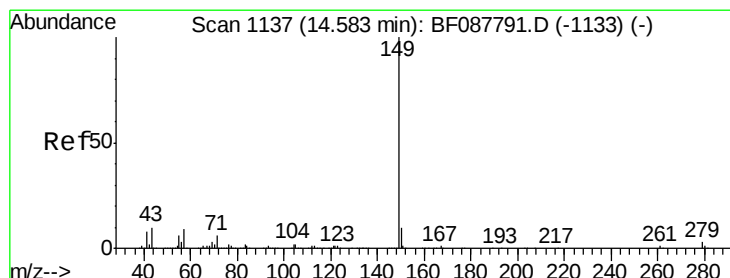
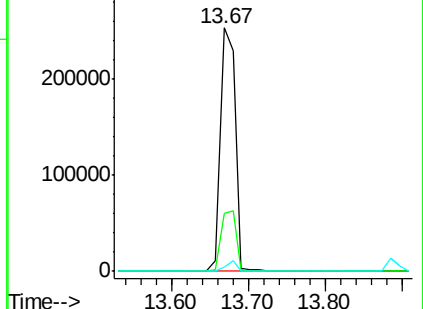
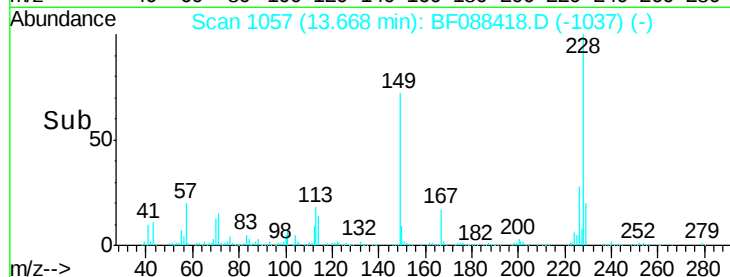
279 2.0 2.0 3.0#



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: 61.26 ng

RT: 14.29 min Scan# 1111

Delta R.T. -0.06 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

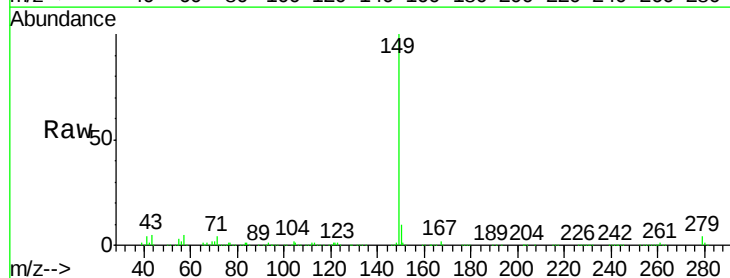
Tgt Ion:149 Resp: 674724

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

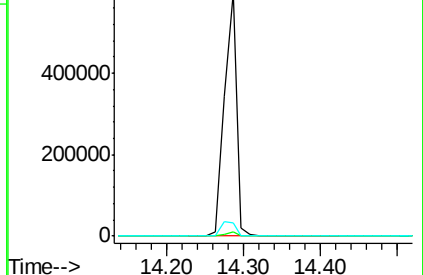
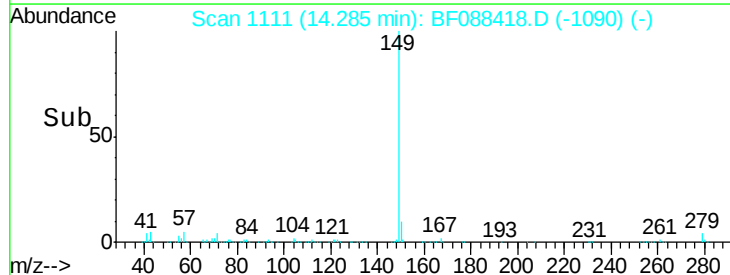
43 7.1 0.0 0.0#

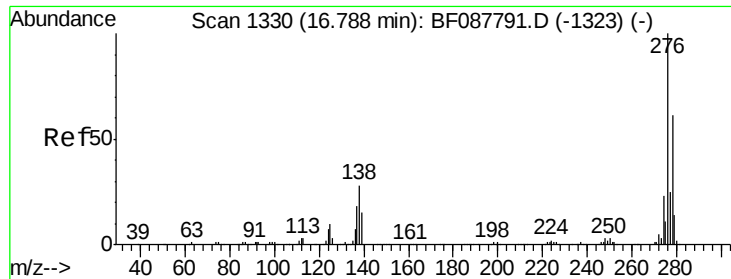


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

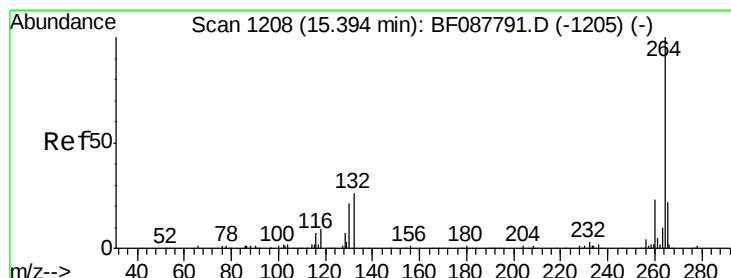
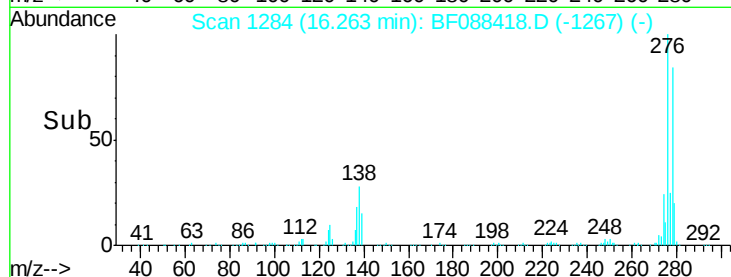
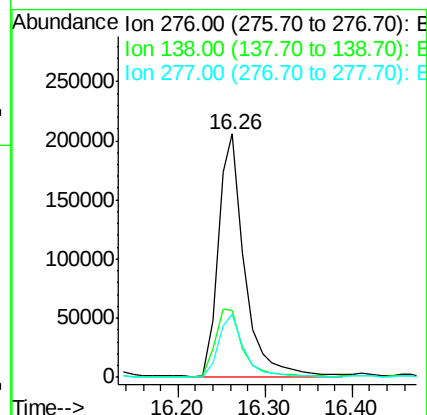
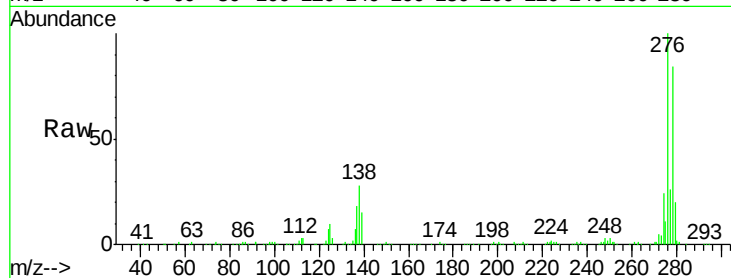




#85
Indeno(1,2,3-cd)pyrene
Concen: 50.84 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.10 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

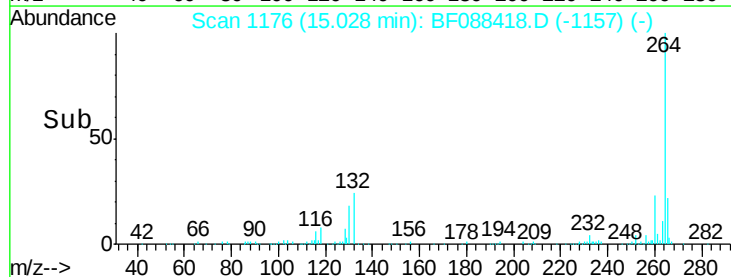
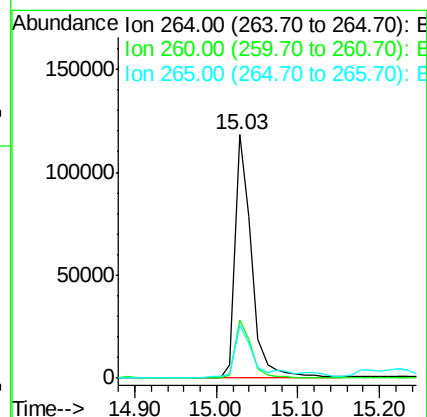
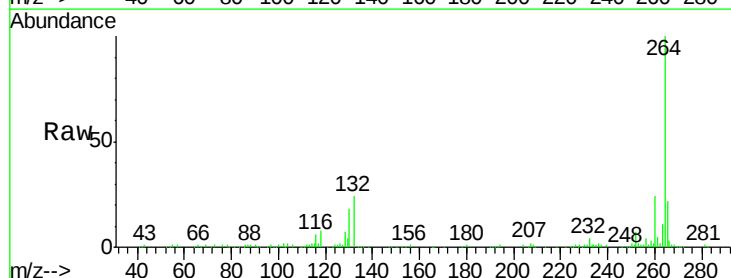
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

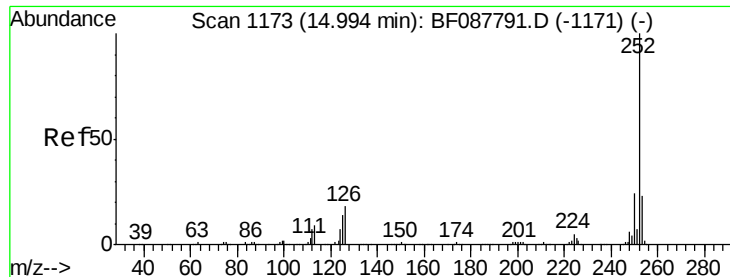
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	0.0	0.0#
277	24.5	0.0	0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 79.67 ng

RT: 14.67 min Scan# 1145

Delta R.T. -0.07 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

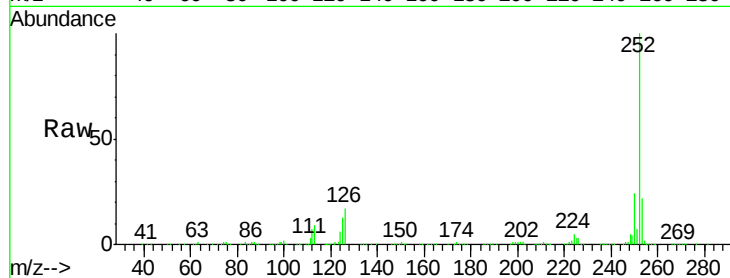
Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

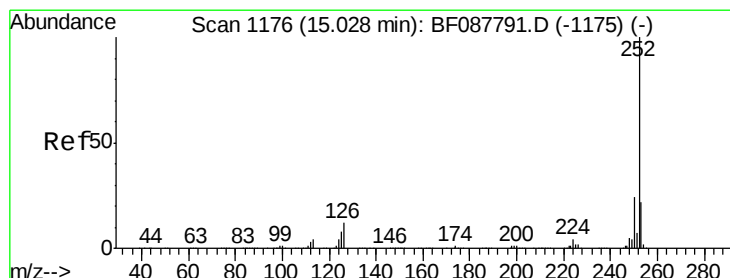
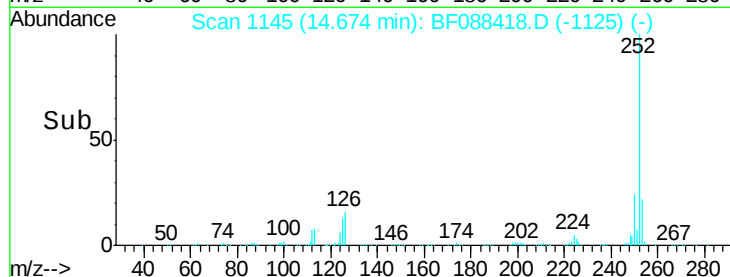
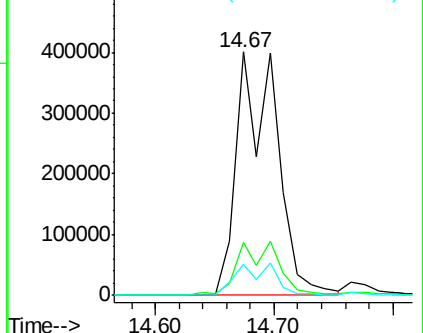
Tot Ion:252	Resp:	926485
Ion Ratio	Lower	Upper
252	100	
253	21.8	17.4 26.2
125	13.0	7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 105.62 ng

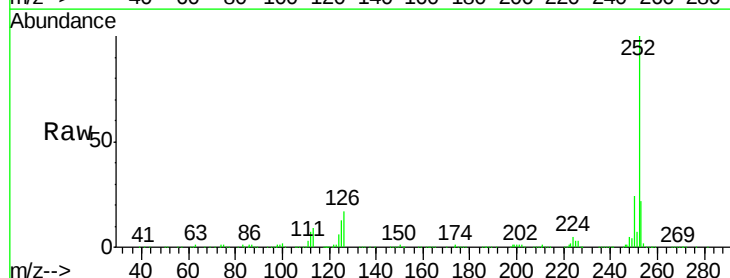
RT: 14.67 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

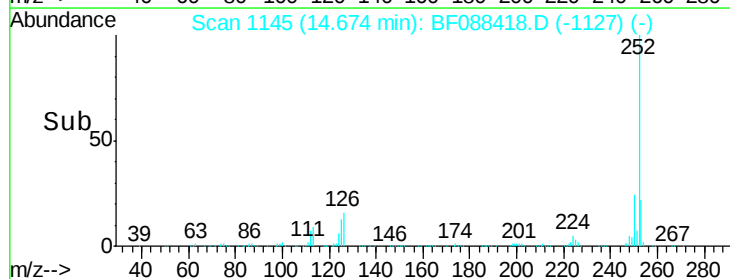
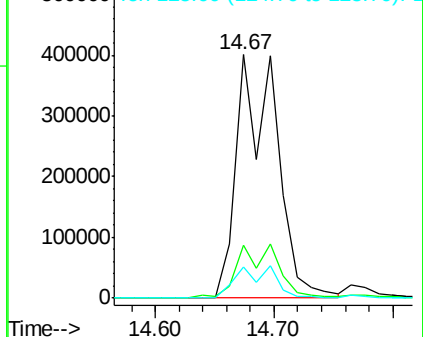
Tgt Ion:252	Resp:	926485
Ion Ratio	Lower	Upper
252	100	
253	21.8	18.0 27.0
125	13.0	11.2 16.8

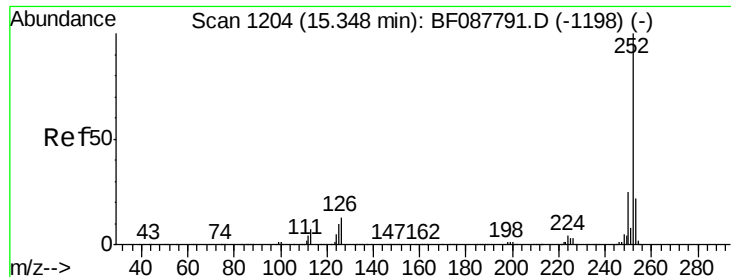


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

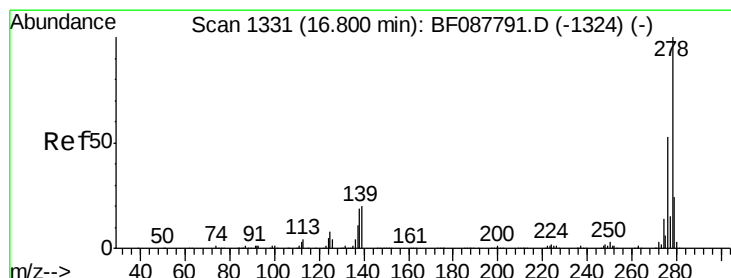
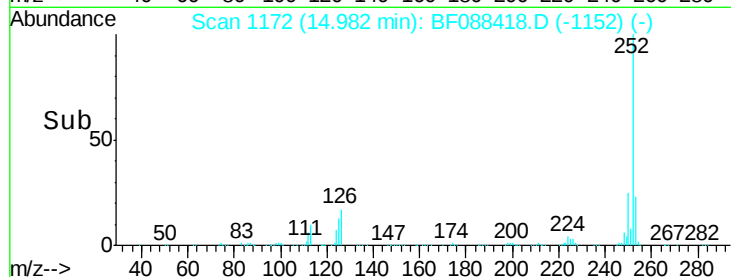
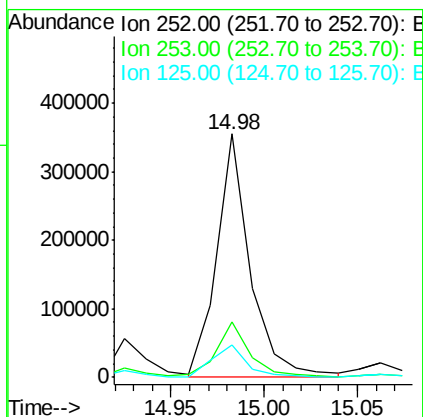
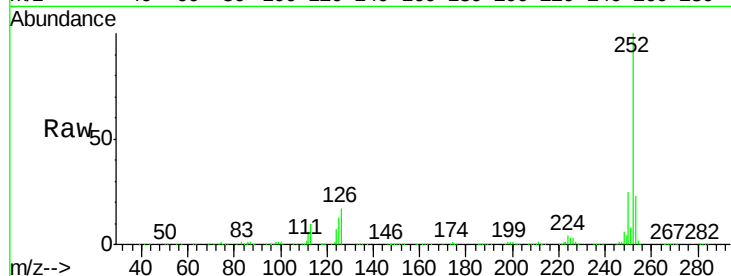




#89
Benzo(a)pyrene
Concen: 46.89 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

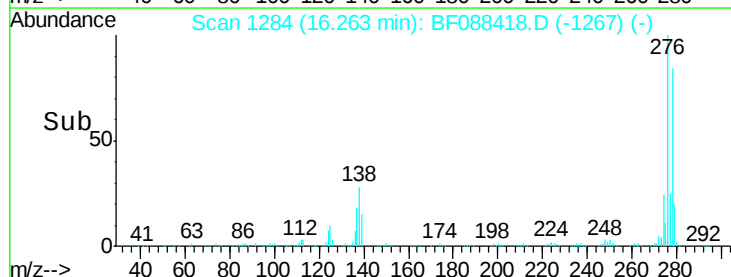
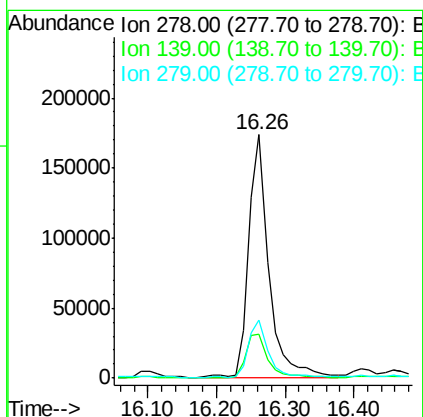
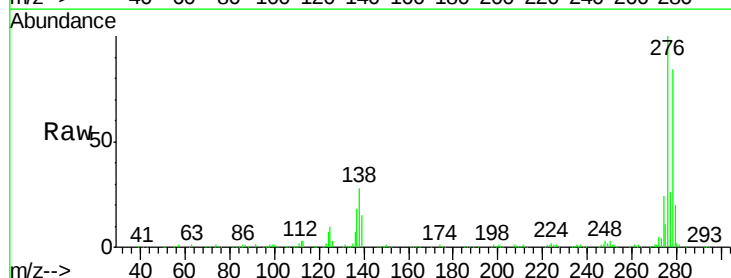
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MSD

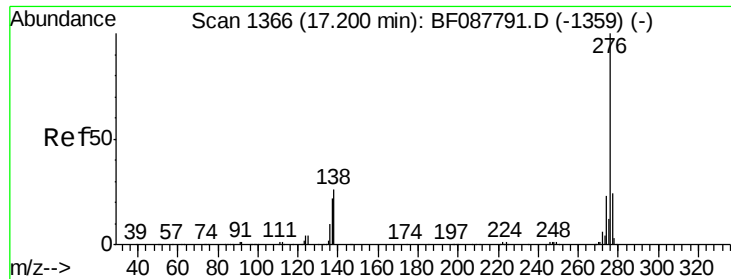
Tot Ion:252 Resp: 441168
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 13.5 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 39.84 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.10 min
Lab File: BF088418.D
Acq: 26 Jun 2016 15:06

Tgt Ion:278 Resp: 348179
Ion Ratio Lower Upper
278 100
139 18.1 15.7 23.5
279 23.7 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 41.43 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.11 min

Lab File: BF088418.D

Acq: 26 Jun 2016 15:06

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MSD

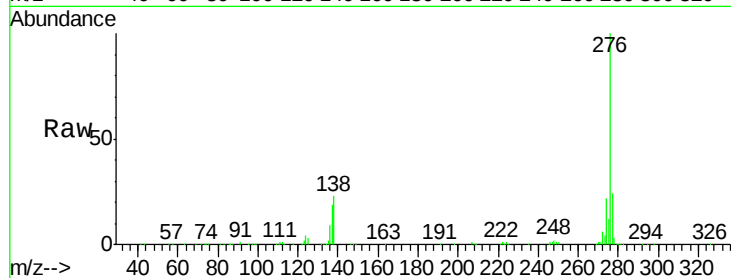
Tot Ion:276 Resp: 372397

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 22.9 21.4 32.2



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

