

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088417.D
 Acq On : 26 Jun 2016 14:37
 Operator : UM/SJ
 Sample : H3624-17MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 27 03:53:28 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	217723	20.00	ng	0.10
21) Naphthalene-d8	7.84	136	325462	20.00	ng	-0.06
38) Acenaphthene-d10	9.58	164	147012	20.00	ng	-0.07
63) Phenanthrene-d10	11.06	188	270319	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	181775	20.00	ng	-0.06
86) Perylene-d12	15.03	264	175748	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	517039	40.60	ng	-0.03
7) Phenol-d6	6.23	99	630998	40.88	ng	-0.03
23) Nitrobenzene-d5	7.13	82	387149	69.46	ng	-0.05
41) 2,4,6-Tribromophenol	10.38	330	151300	97.47	ng	-0.06
44) 2-Fluorobiphenyl	8.91	172	608150	63.59	ng	-0.06
78) Terphenyl-d14	12.64	244	538199	67.37	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.02	88	66545	10.75	ng	# 45
3) Pyridine	2.65	79	157874	10.80	ng	91
4) n-Nitrosodimethylamine	2.62	42	70487	11.39	ng	# 76
6) Aniline	6.30	93	215929	9.83	ng	# 57
8) 2-Chlorophenol	6.34	128	215801	14.32	ng	84
10) Phenol	6.24	94	261811	14.76	ng	97
11) bis(2-Chloroethyl)ether	6.30	93	215929	15.95	ng	88
12) 1,3-Dichlorobenzene	6.57	146	213197	13.18	ng	# 92
13) 1,4-Dichlorobenzene	6.72	146	204208	12.53	ng	98
14) 1,2-Dichlorobenzene	6.72	146	204413	13.80	ng	96
15) Benzyl Alcohol	6.72	79	142489	11.80	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	196260	10.73	ng	# 1
17) 2-Methylphenol	7.00	107	209074	17.10	ng	# 78
19) n-Nitroso-di-n-propylamine	6.98	70	130638	13.23	ng	88
20) 3+4-Methylphenols	7.00	107	207238	14.53	ng	# 78
22) Acetophenone	6.97	105	290216	39.90	ng	# 96
24) Nitrobenzene	7.14	77	187063	34.65	ng	89
25) Isophorone	7.39	82	367414	35.59	ng	94
26) 2-Nitrophenol	7.46	139	116993	40.45	ng	# 89
27) 2,4-Dimethylphenol	7.52	122	178363	33.50	ng	93
28) bis(2-Chloroethoxy)methane	7.61	93	237491	37.09	ng	99
29) 2,4-Dichlorophenol	7.71	162	184734	41.55	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	173350	35.81	ng	100
31) Naphthalene	7.86	128	596815	37.06	ng	98
32) Benzoic acid	7.66	122	7217	2.46	ng	# 87
33) 4-Chloroaniline	7.93	127	83171	11.56	ng	96
34) Hexachlorobutadiene	7.98	225	89222	34.95	ng	97
35) Caprolactam	8.31	113	31020	21.06	ng	# 76
36) 4-Chloro-3-methylphenol	8.43	107	191159	40.20	ng	98
37) 2-Methylnaphthalene	8.65	142	359535	33.87	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	159942	40.38	ng	# 1
40) Hexachlorocyclopentadiene	8.70	237	38677	16.31	ng	95
42) 2,4,6-Trichlorophenol	8.84	196	103544	35.22	ng	99
43) 2,4,5-Trichlorophenol	8.89	196	110528	36.14	ng	# 88

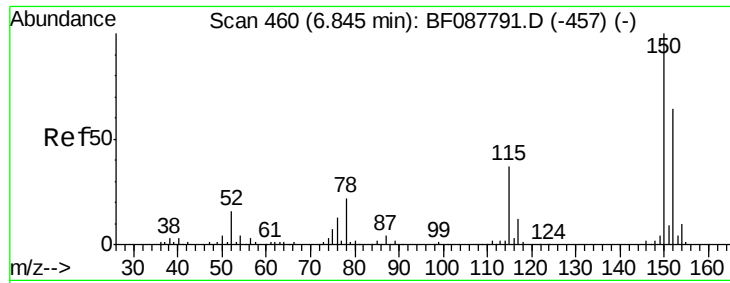
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.02	154	463859	41.56	nq	96
46) 2-Chloronaphthalene	9.04	162	365378	38.41	nq	94
47) 2-Nitroaniline	9.15	65	107417	38.28	nq	# 59
48) Acenaphthylene	9.44	152	554926	36.67	nq	100
49) Dimethylphthalate	9.32	163	546210	51.29	nq	100
50) 2,6-Dinitrotoluene	9.39	165	103106	42.28	nq	# 89
51) Acenaphthene	9.61	154	313756	33.24	nq	98
52) 3-Nitroaniline	9.56	138	60579	21.53	nq	82
53) 2,4-Dinitrophenol	9.69	184	16489	17.43	nq	87
54) Dibenzofuran	9.78	168	474544	36.50	nq	# 83
55) 4-Nitrophenol	9.78	139	306917	140.51	nq	# 14
56) 2,4-Dinitrotoluene	9.79	165	125062	39.90	nq	# 46
57) Fluorene	10.12	166	365193	41.16	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	96947	40.33	nq	# 59
59) Diethylphthalate	10.02	149	439160	40.74	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	155784	36.03	nq	98
61) 4-Nitroaniline	10.18	138	98031	36.72	nq	95
62) Azobenzene	10.28	77	401039	37.62	nq	92
64) 4,6-Dinitro-2-methylphenol	10.20	198	49340	30.08	nq	93
65) n-Nitrosodiphenylamine	10.25	169	354033	39.47	nq	98
66) 4-Bromophenyl-phenylether	10.60	248	102197	35.24	nq	# 82
67) Hexachlorobenzene	10.67	284	107745	35.76	nq	# 84
68) Atrazine	10.79	200	114590	42.19	nq	96
69) Pentachlorophenol	10.88	266	89026	56.05	nq	98
70) Phenanthrene	11.08	178	633966	44.69	nq	99
71) Anthracene	11.13	178	579523	40.50	nq	99
72) Carbazole	11.30	167	565504	42.23	nq	97
73) Di-n-butylphthalate	11.63	149	659677	38.92	nq	98
74) Fluoranthene	12.26	202	797676	53.29	nq	99
76) Benzidine	12.40	184	85845	17.06	nq	99
77) Pyrene	12.49	202	840093	62.28	nq	99
79) Butylbenzylphthalate	13.11	149	244787	41.05	nq	# 82
80) Benzo(a)anthracene	13.67	228	510793	49.31	nq	99
81) 3,3'-Dichlorobenzidine	13.65	252	63688	22.86	nq	# 98
82) Chrysene	13.71	228	522426	53.61	nq	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	322784	44.46	nq	# 97
84) Di-n-octyl phthalate	14.29	149	592621	50.24	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.26	276	402416	44.45	nq	# 100
87) Benzo(b)fluoranthene	14.67	252	862490	70.41	nq	# 96
88) Benzo(k)fluoranthene	14.67	252	862490	93.34	nq	99
89) Benzo(a)pyrene	14.93	252	67077	6.77	nq	97
90) Dibenzo(a,h)anthracene	16.26	278	320300	34.80	nq	97
91) Benzo(g,h,i)perylene	16.62	276	340686	35.98	nq	98

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

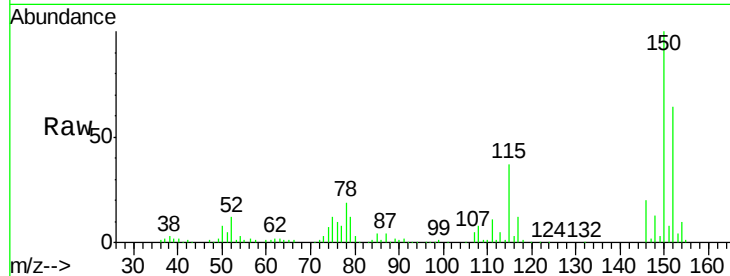


#1

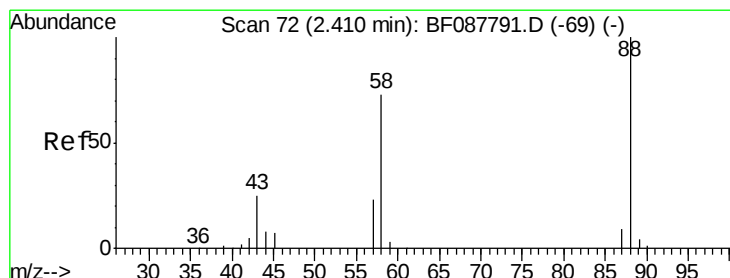
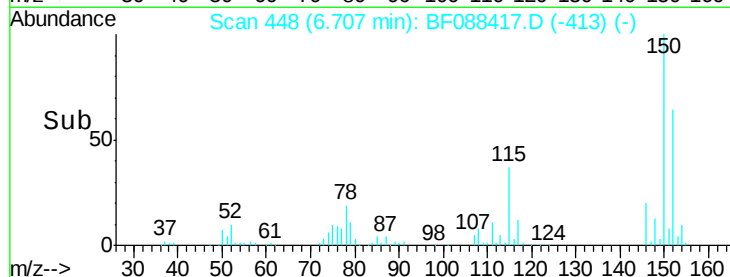
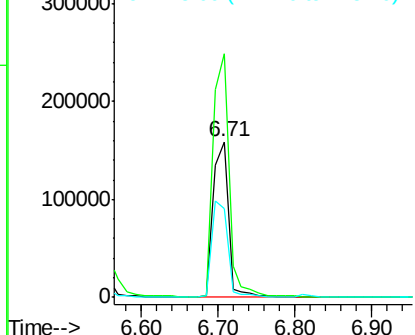
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.10 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

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

Tot Ion:152 Resp: 217723
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 57.1 39.6 59.4



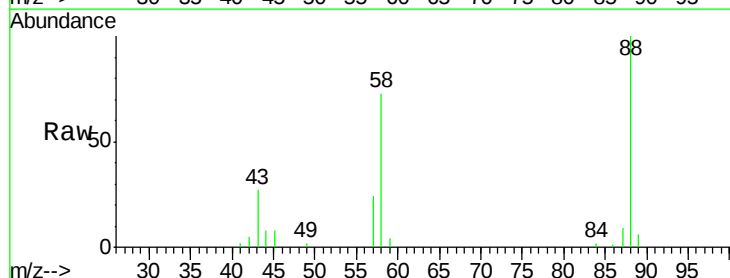
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



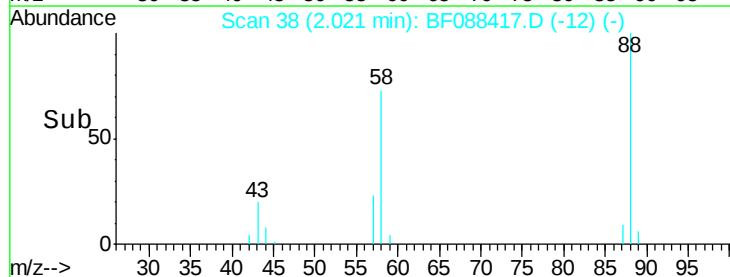
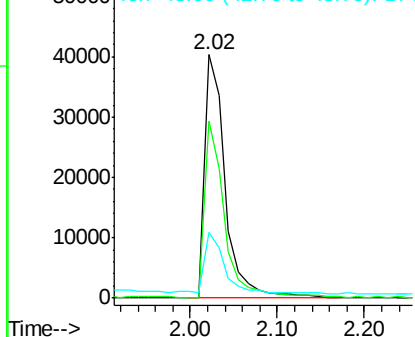
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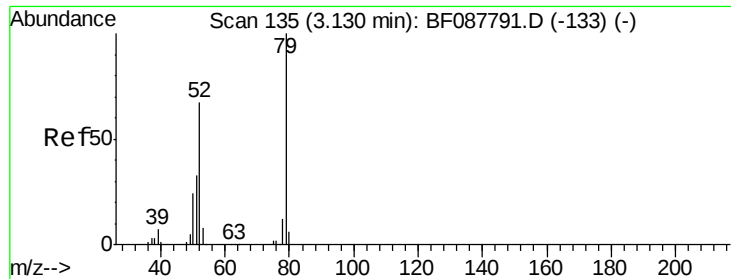
1,4-Dioxane
Concen: 10.75 ng
RT: 2.02 min Scan# 38
Delta R.T. 0.00 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

Tgt Ion: 88 Resp: 66545
Ion Ratio Lower Upper
88 100
58 71.3 0.0 0.0#
43 22.5 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: 10.80 ng

RT: 2.65 min Scan# 93

Delta R.T. -0.02 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

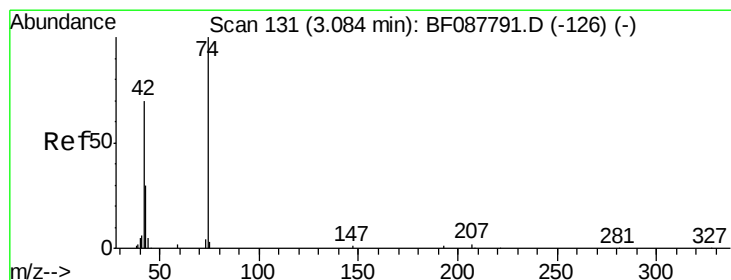
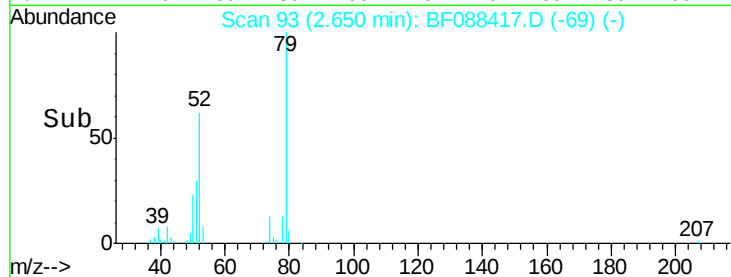
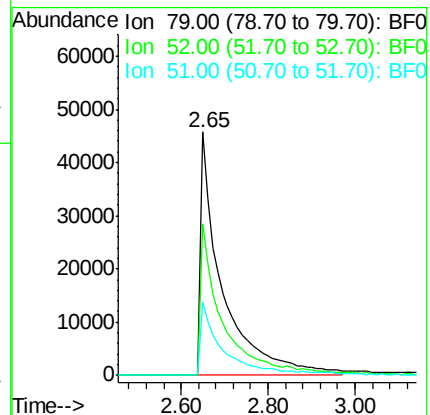
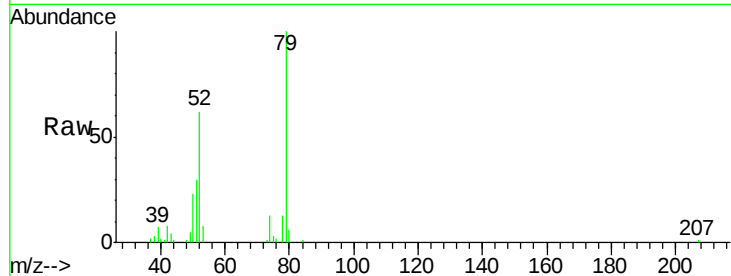
Tot Ion: 79 Resp: 157874

Ion Ratio Lower Upper

79 100

52 62.0 56.3 84.5

51 30.1 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 11.39 ng

RT: 2.62 min Scan# 90

Delta R.T. -0.01 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

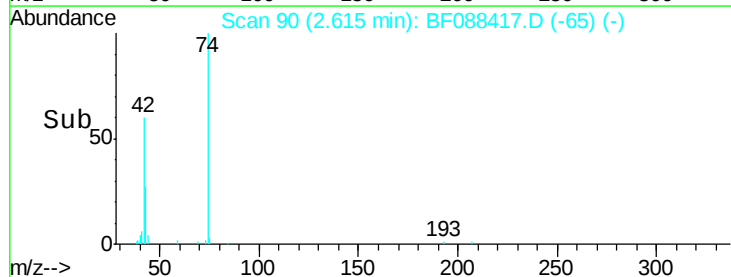
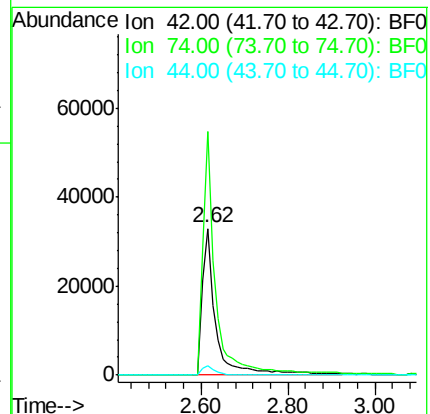
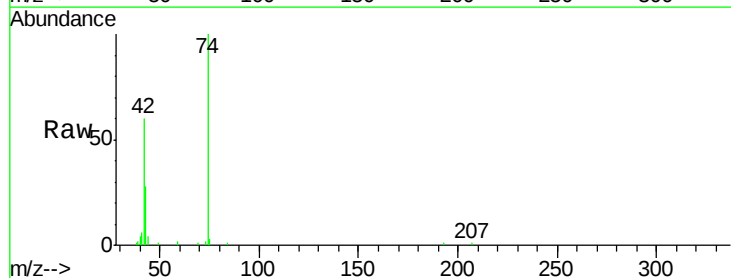
Tgt Ion: 42 Resp: 70487

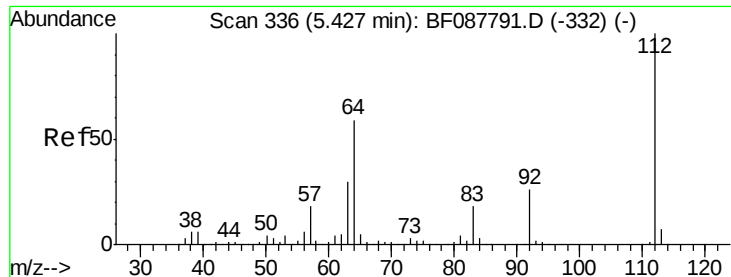
Ion Ratio Lower Upper

42 100

74 166.1 108.6 163.0#

44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 40.60 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

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SC-STA-1501(0-4)MS

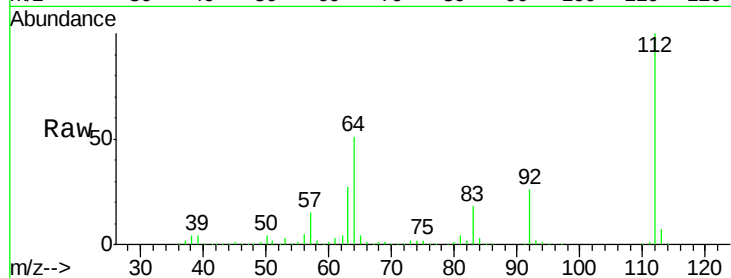
Tot Ion:112 Resp: 517039

Ion Ratio Lower Upper

112 100

64 51.3 42.2 63.2

63 26.7 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

500000

400000

300000

200000

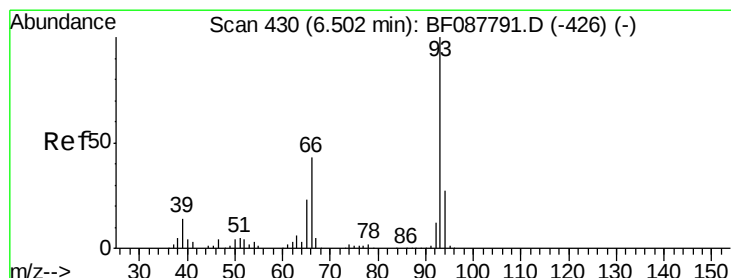
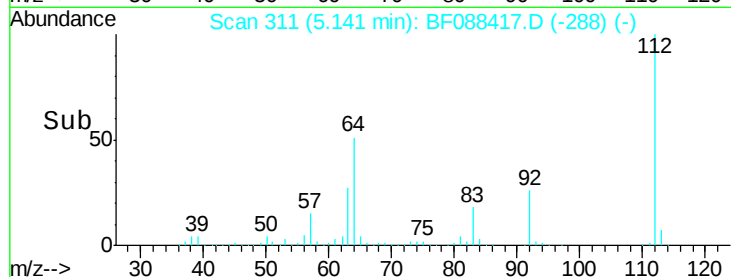
100000

0

5.14

5.00 5.20 5.40 5.60

Time-->



#6

Aniline

Concen: 9.83 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.02 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

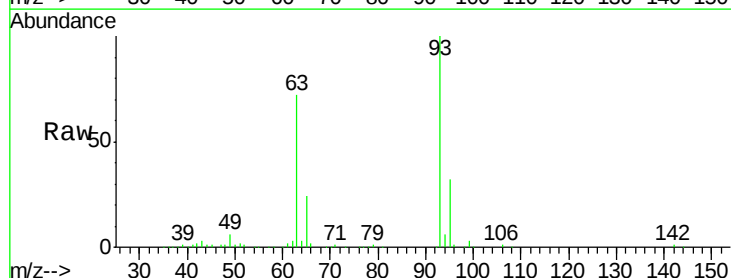
Tgt Ion: 93 Resp: 215929

Ion Ratio Lower Upper

93 100

66 1.8 29.8 44.8#

65 23.7 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

200000

150000

100000

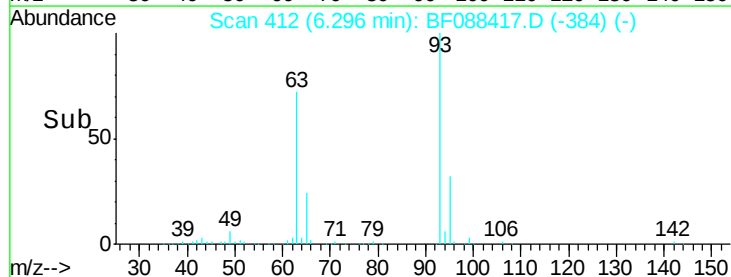
50000

0

6.30

6.20 6.40 6.60

Time-->





#7

Phenol-d6

Concen: 40.88 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

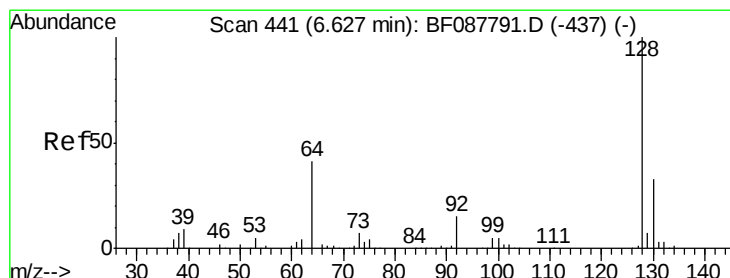
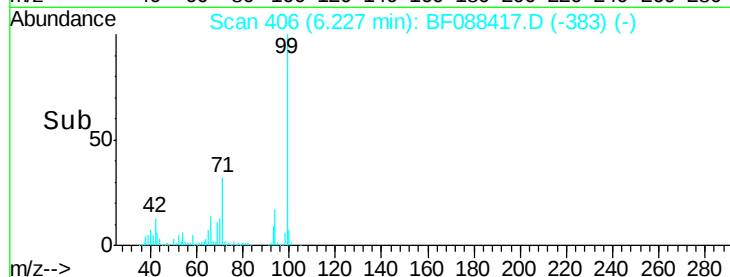
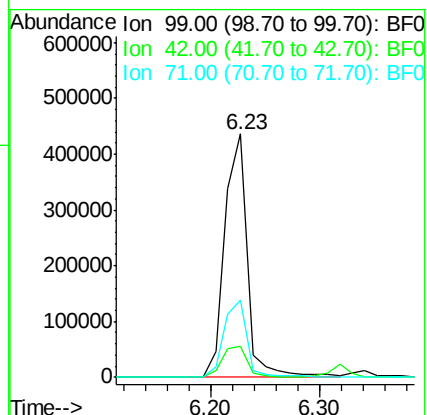
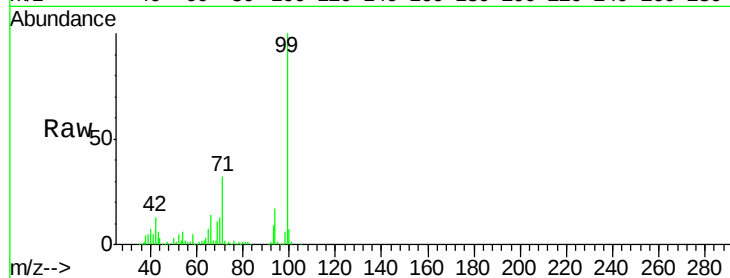
Tot Ion: 99 Resp: 630998

Ion Ratio Lower Upper

99 100

42 13.0 12.2 18.2

71 32.0 23.4 35.0



#8

2-Chlorophenol

Concen: 14.32 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

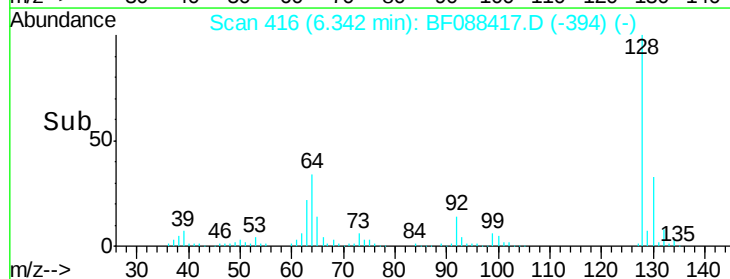
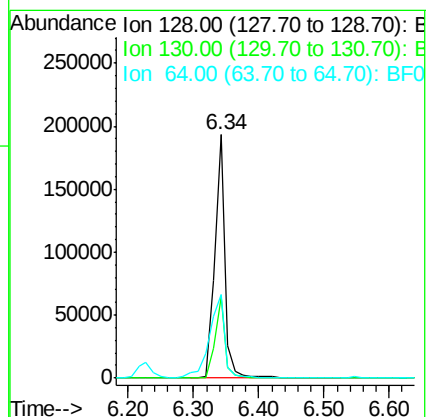
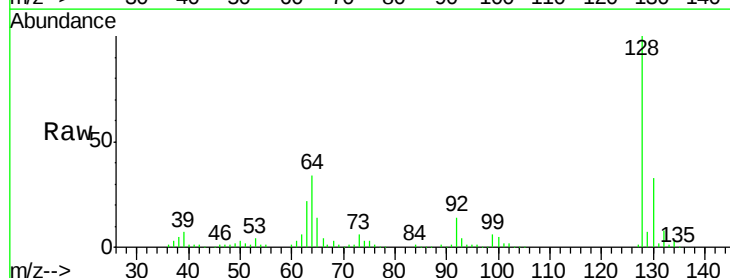
Tgt Ion: 128 Resp: 215801

Ion Ratio Lower Upper

128 100

130 33.5 12.0 52.0

64 34.3 30.8 70.8





#10

Phenol

Concen: 14.76 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

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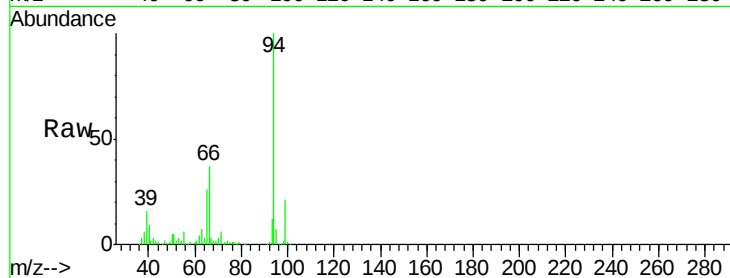
Tot Ion: 94 Resp: 261811

Ion Ratio Lower Upper

94 100

65 26.1 5.9 45.9

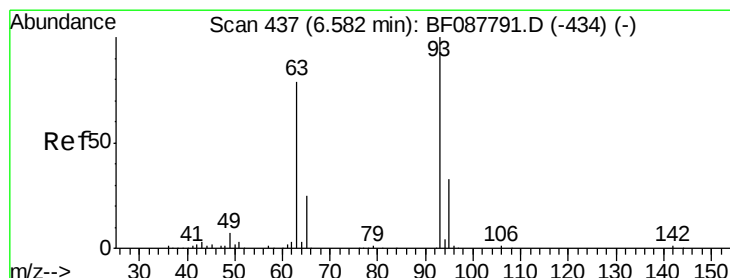
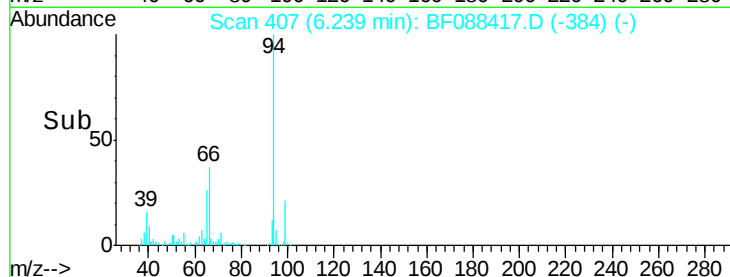
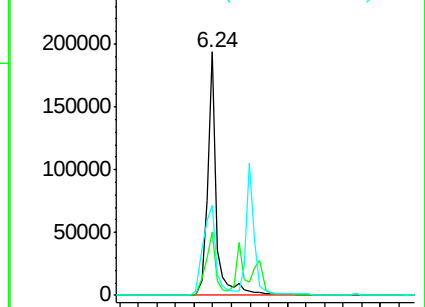
66 37.0 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 15.95 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

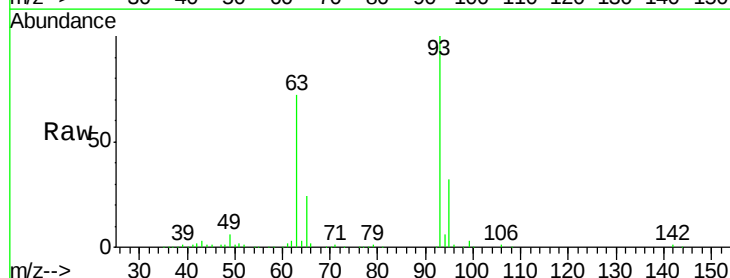
Tgt Ion: 93 Resp: 215929

Ion Ratio Lower Upper

93 100

63 72.2 67.6 107.6

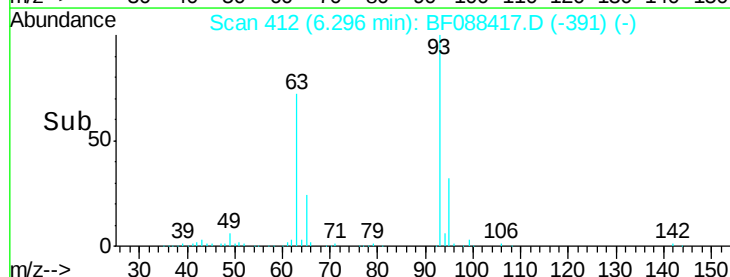
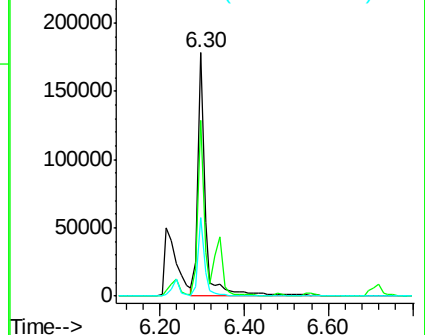
95 32.1 12.5 52.5

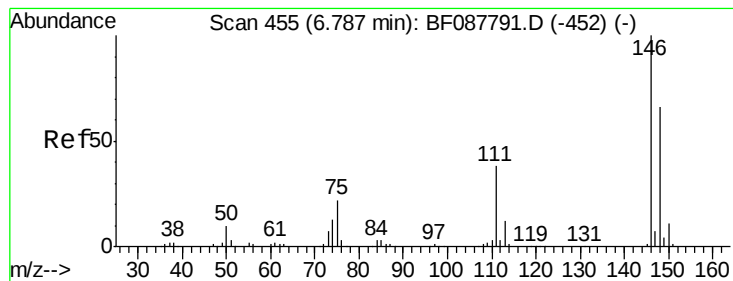


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 13.18 ng

RT: 6.57 min Scan# 436

Delta R.T. 0.03 min

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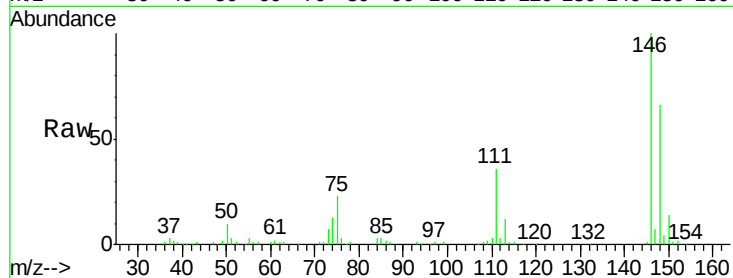
Tot Ion:146 Resp: 213197

Ion Ratio Lower Upper

146 100

148 65.8 50.9 76.3

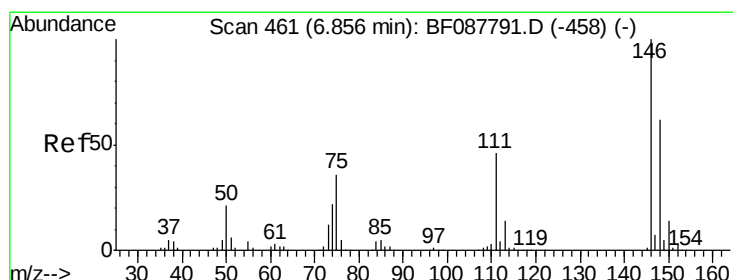
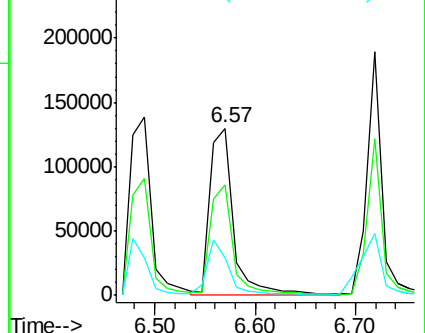
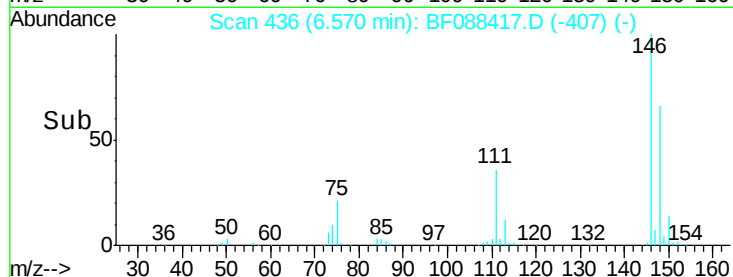
75 22.5 25.6 38.4#



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: 12.53 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.10 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

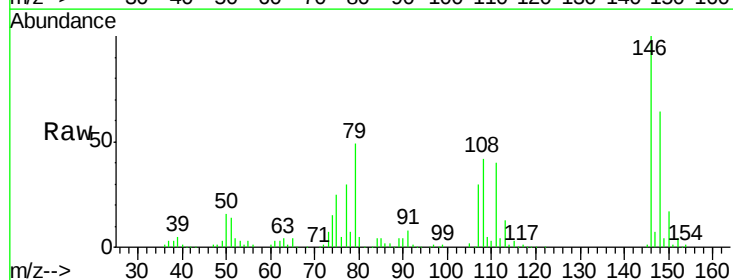
Tgt Ion:146 Resp: 204208

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

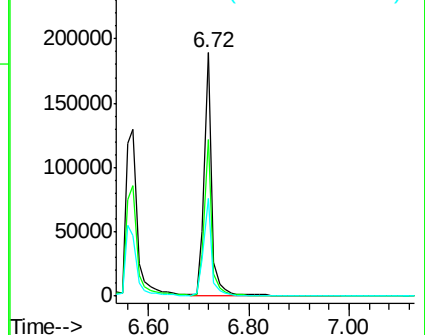
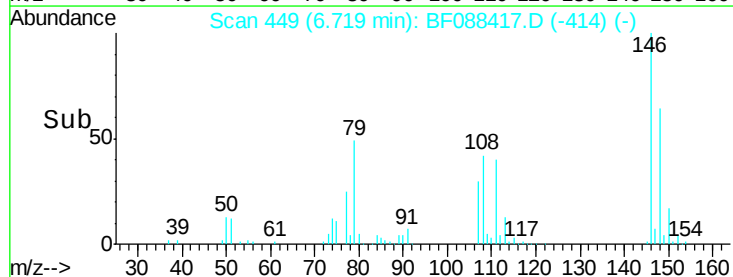
111 40.4 33.8 50.8



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: 13.80 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

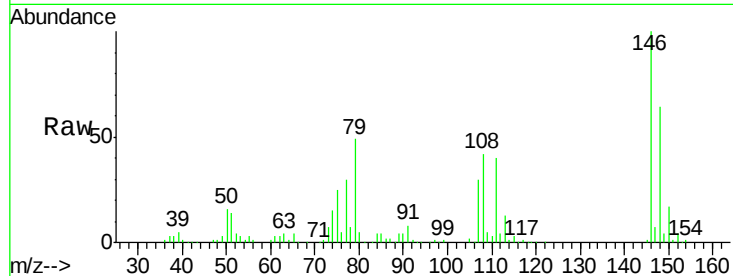
Tot Ion:146 Resp: 204413

Ion Ratio Lower Upper

146 100

148 64.1 52.3 78.5

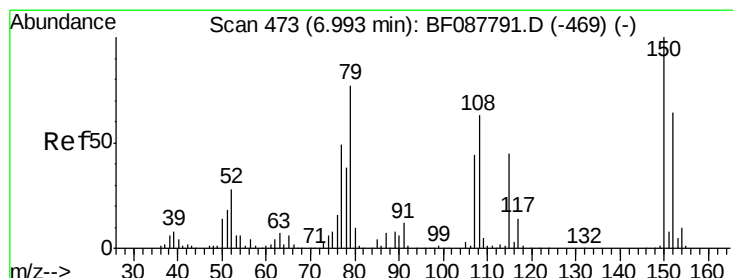
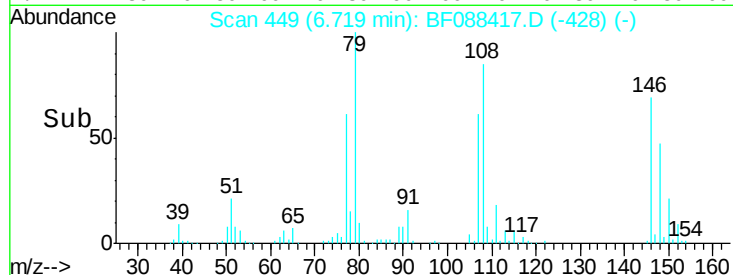
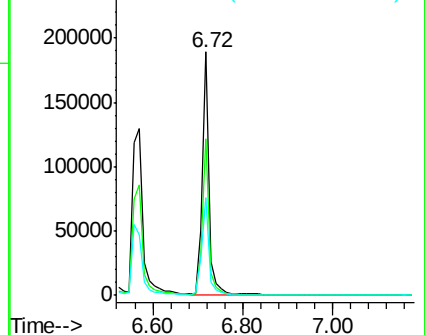
111 40.4 28.7 43.1



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: 11.80 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

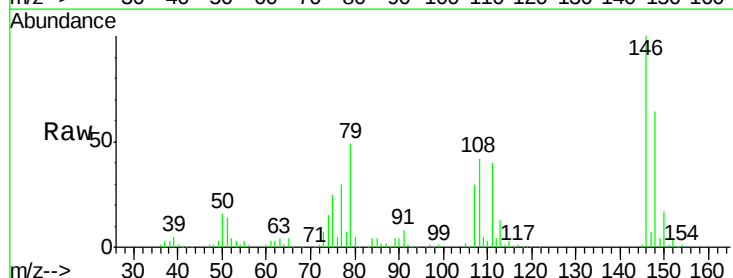
Tgt Ion: 79 Resp: 142489

Ion Ratio Lower Upper

79 100

108 86.0 65.0 97.6

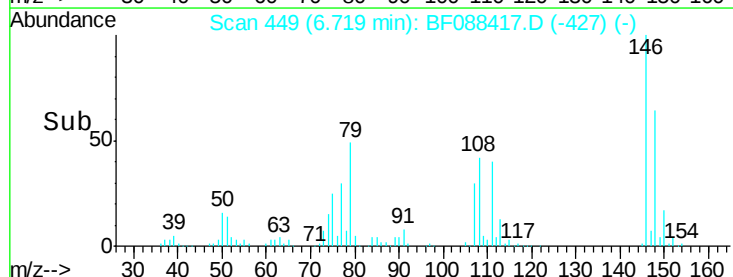
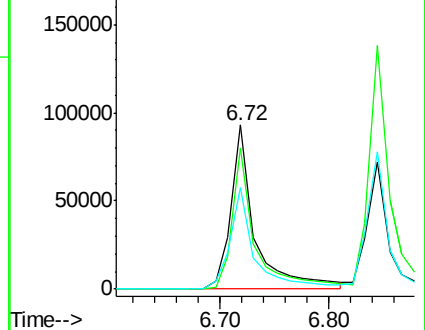
77 61.9 50.3 75.5

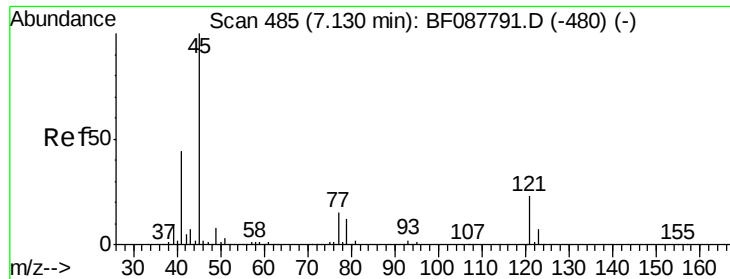


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

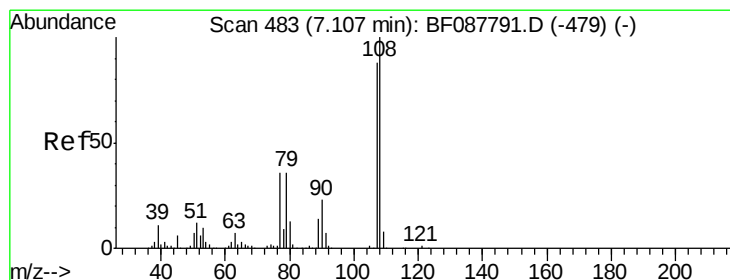
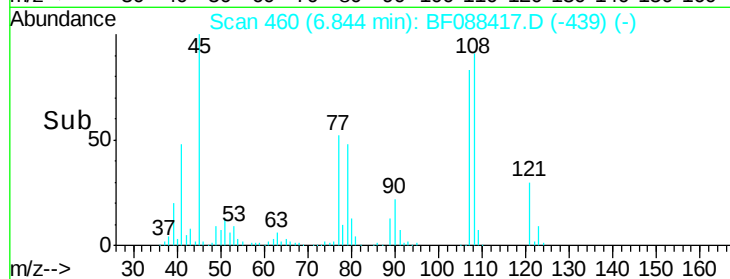
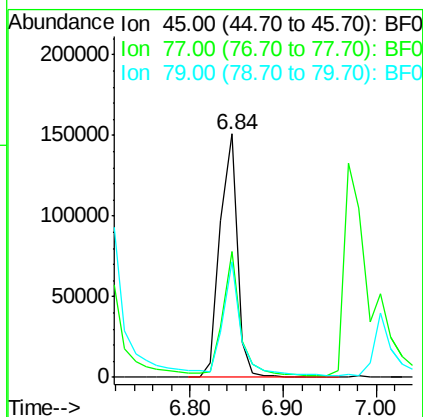
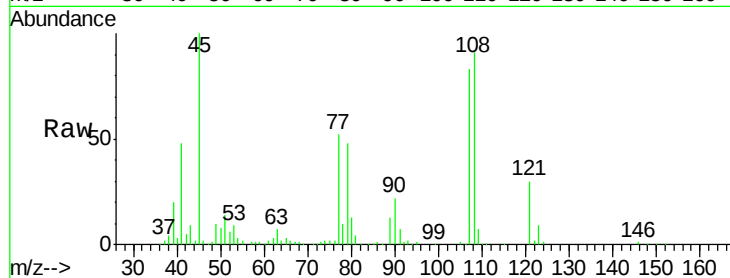




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 10.73 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

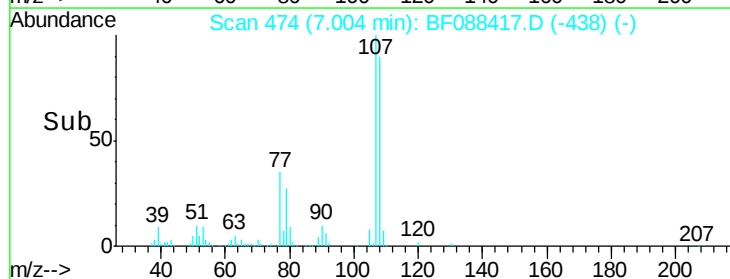
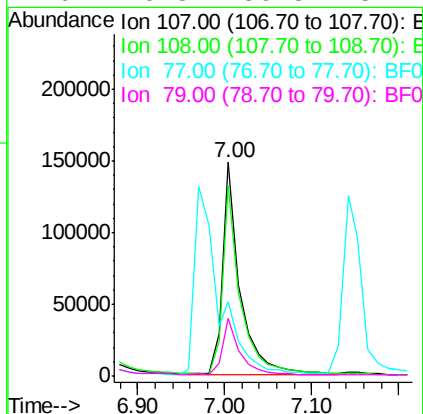
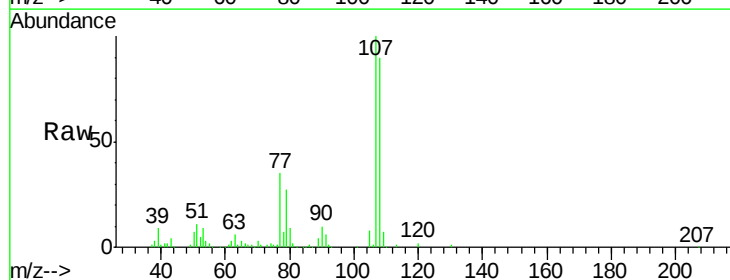
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MS

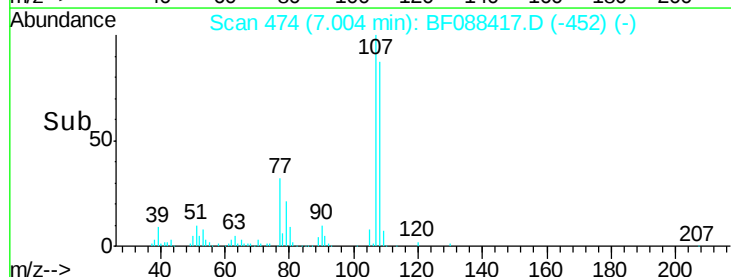
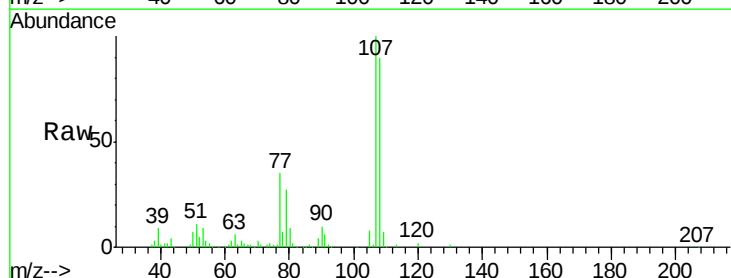
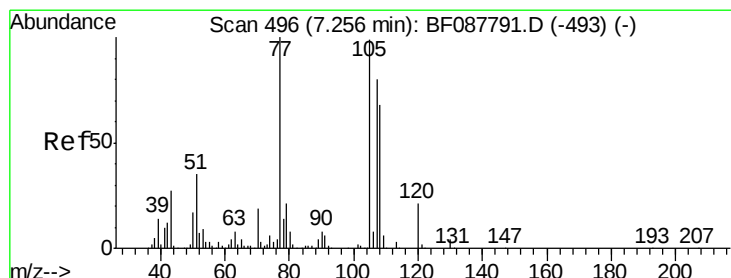
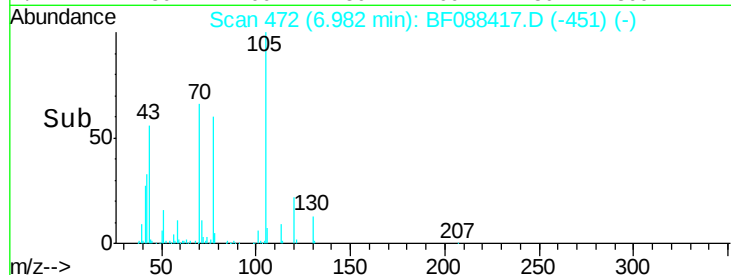
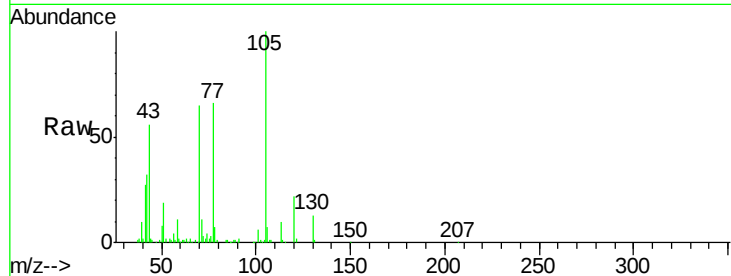
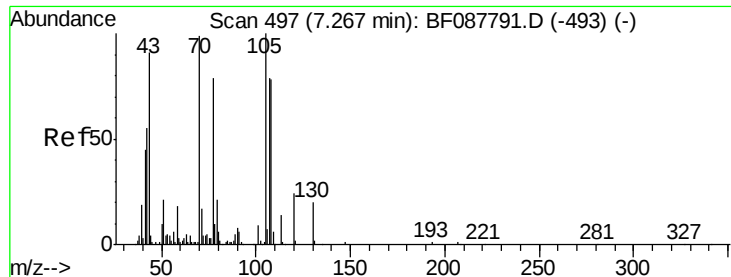
Tot Ion: 45 Resp: 196260
Ion Ratio Lower Upper
45 100
77 51.8 0.0 32.5#
79 47.7 0.0 29.5#



#17
2-Methylphenol
Concen: 17.10 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.11 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

Tgt Ion: 107 Resp: 209074
Ion Ratio Lower Upper
107 100
108 89.6 90.9 136.3#
77 34.8 36.6 55.0#
79 26.8 36.5 54.7#

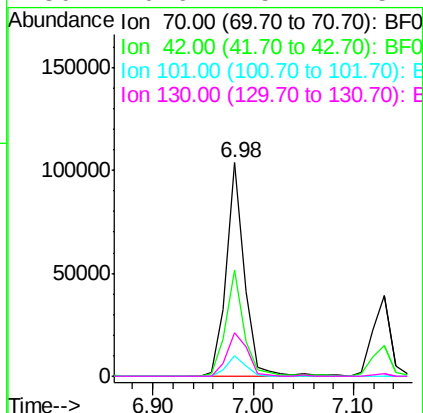




#19
n-Nitroso-di-n-propylamine
Concen: 13.23 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

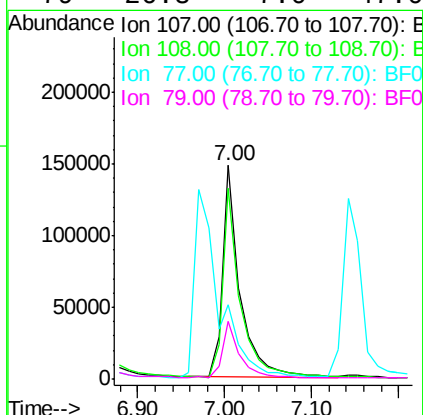
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MS

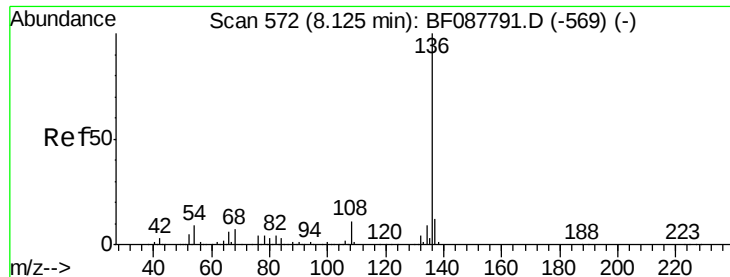
Tot Ion: 70 Resp: 130638
Ion Ratio Lower Upper
70 100
42 49.8 49.6 74.4
101 9.4 7.1 10.7
130 20.6 15.4 23.2



#20
3+4-Methylphenols
Concen: 14.53 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.05 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

Tgt Ion:107 Resp: 207238
Ion Ratio Lower Upper
107 100
108 89.6 67.8 107.8
77 34.8 59.3 99.3#
79 26.8 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: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

Tot Ion:136 Resp: 325462

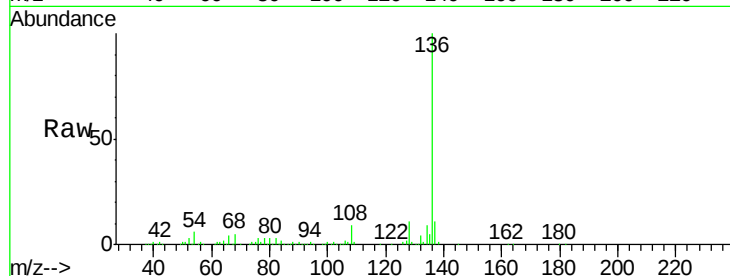
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.6 6.6 10.0#

68 4.8 5.1 7.7#

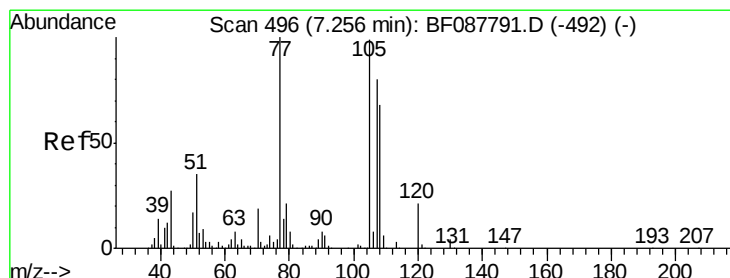
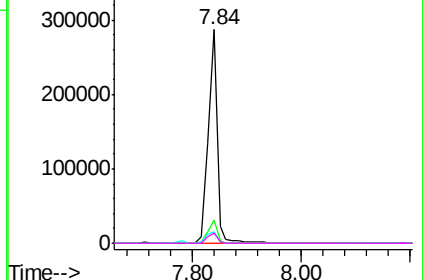
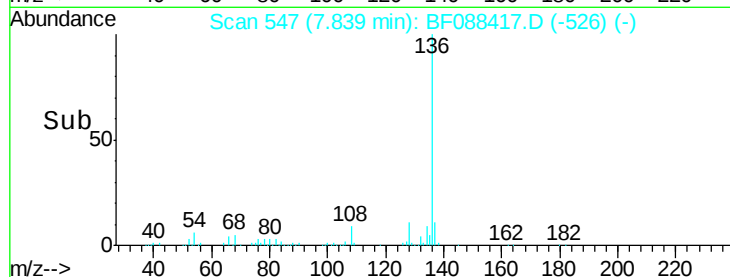


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.90 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Tgt Ion:105 Resp: 290216

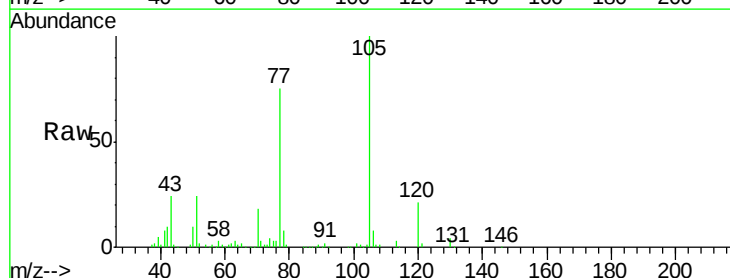
Ion Ratio Lower Upper

105 100

71 3.2 5.3 7.9#

51 24.1 18.2 27.4

120 20.5 18.0 27.0

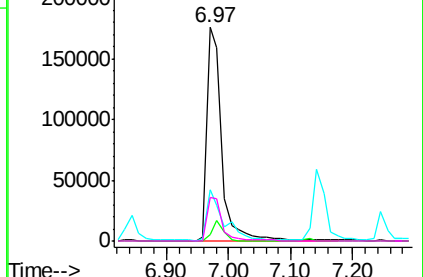
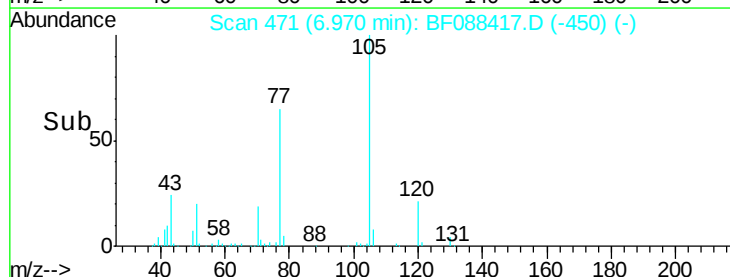


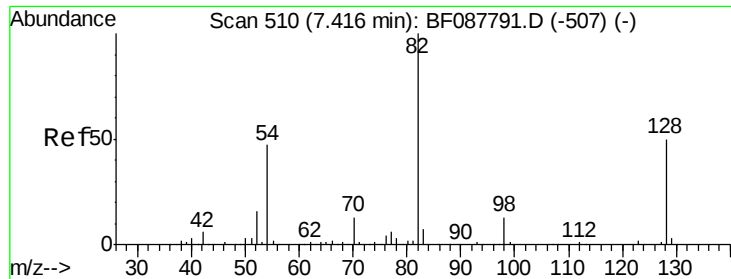
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

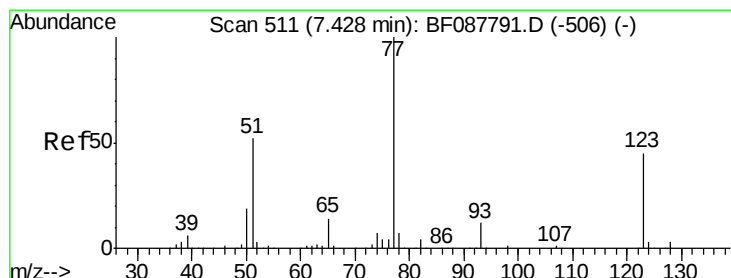
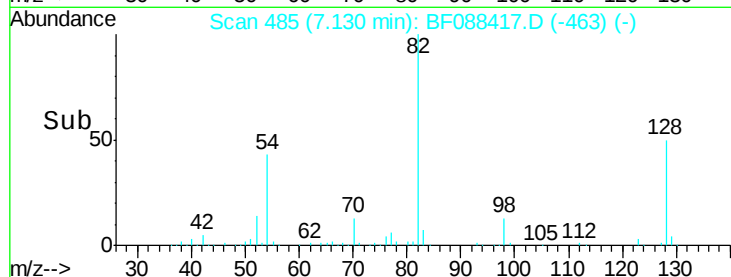
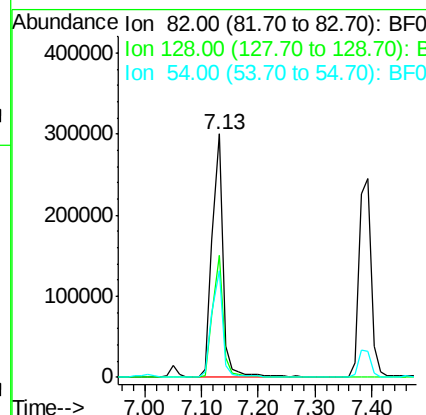
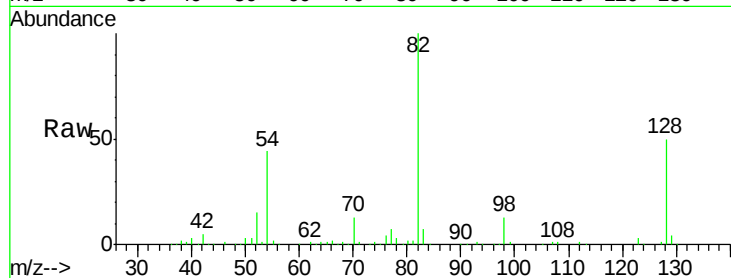




#23
 Nitrobenzene-d5
 Concen: 69.46 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.05 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

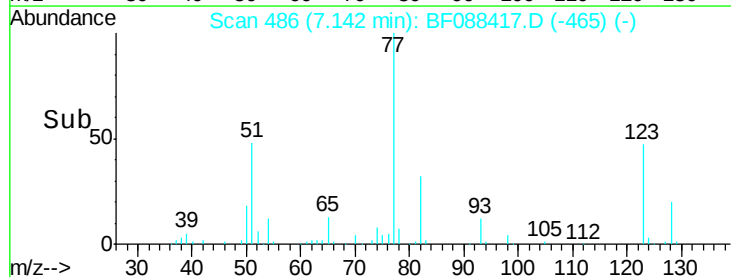
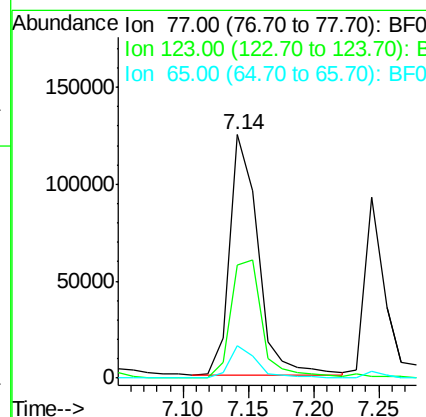
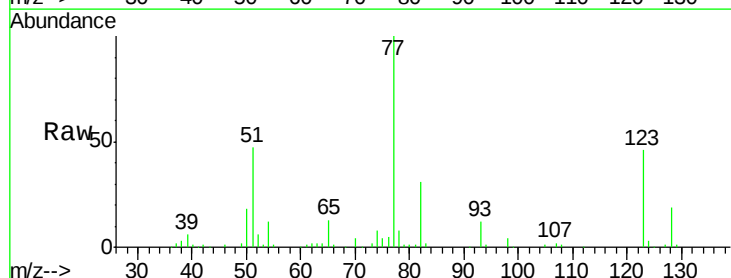
Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MS

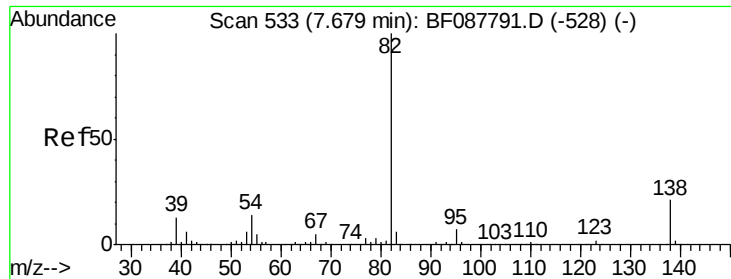
Tot Ion: 82 Resp: 387149
 Ion Ratio Lower Upper
 82 100
 128 50.1 35.9 53.9
 54 43.6 40.9 61.3



#24
 Nitrobenzene
 Concen: 34.65 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.06 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

Tgt Ion: 77 Resp: 187063
 Ion Ratio Lower Upper
 77 100
 123 46.2 45.0 67.4
 65 13.1 10.2 15.2





#25

Isophorone

Concen: 35.59 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

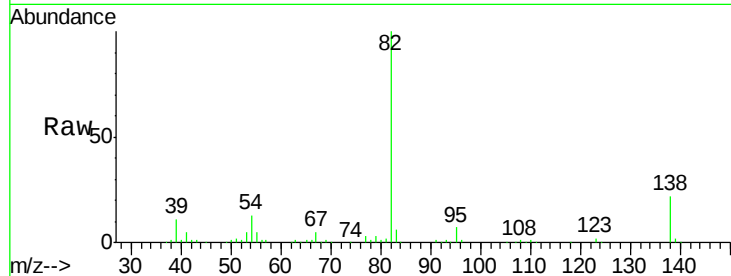
Tot Ion: 82 Resp: 367414

Ion Ratio Lower Upper

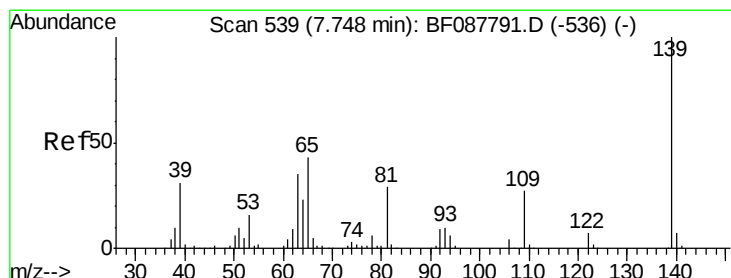
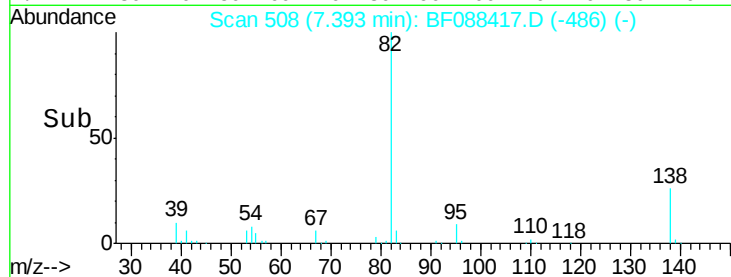
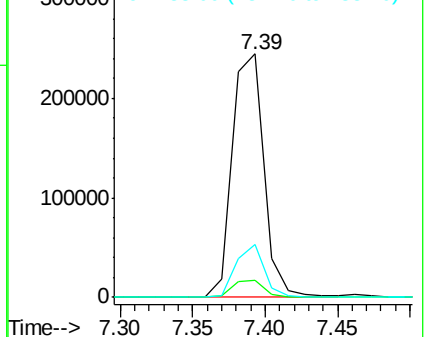
82 100

95 7.3 5.4 8.2

138 21.8 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: 40.45 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

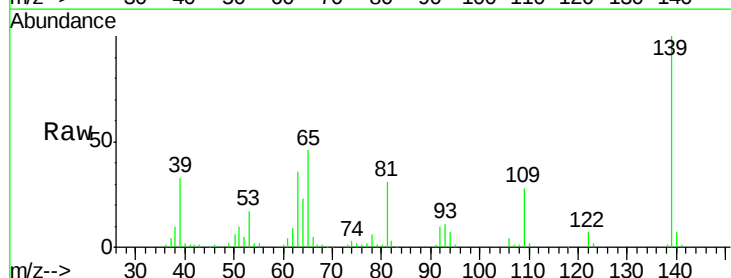
Tgt Ion: 139 Resp: 116993

Ion Ratio Lower Upper

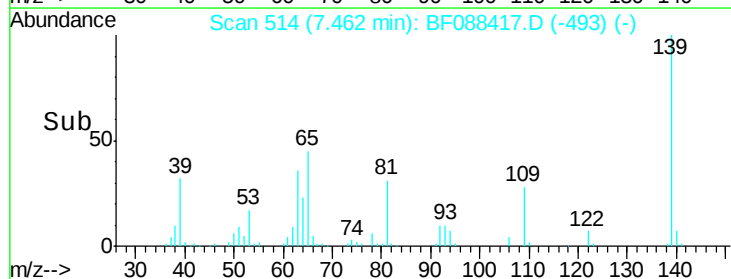
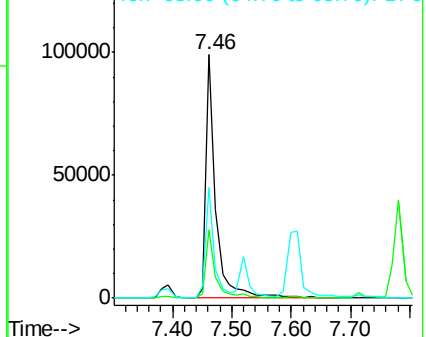
139 100

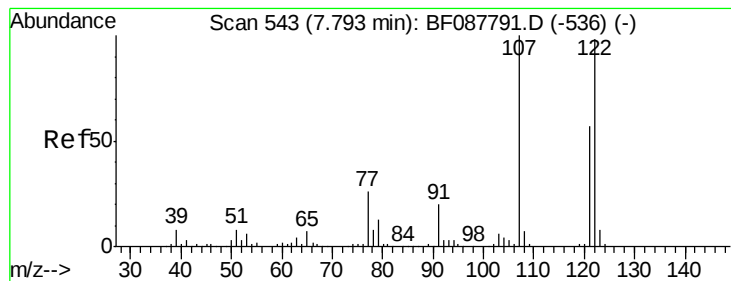
109 28.1 23.0 34.4

65 45.6 45.8 68.8#



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





#27

2,4-Dimethylphenol

Concen: 33.50 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

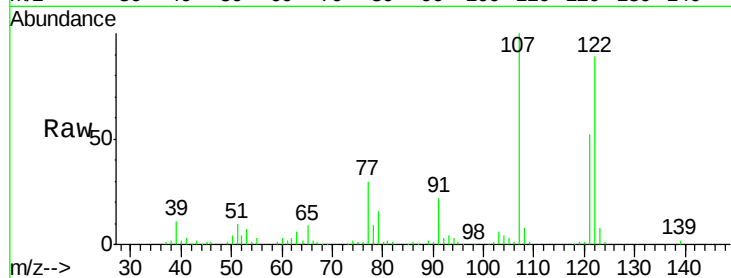
Tot Ion:122 Resp: 178363

Ion Ratio Lower Upper

122 100

107 112.7 82.4 123.6

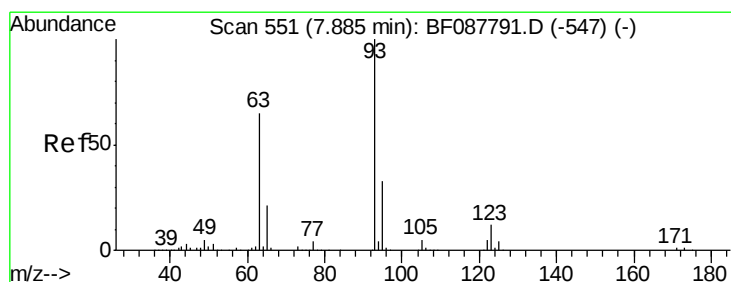
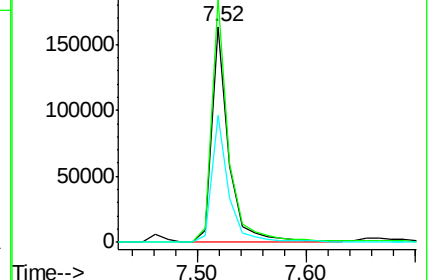
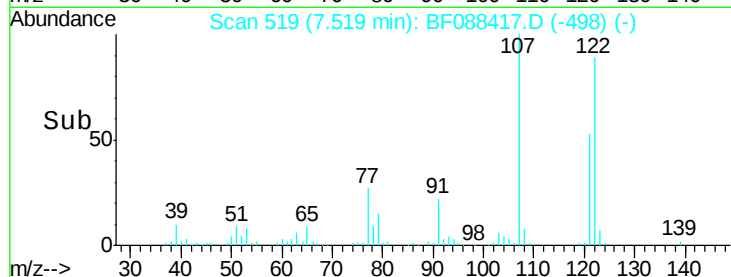
121 59.1 46.3 69.5



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: 37.09 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.05 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

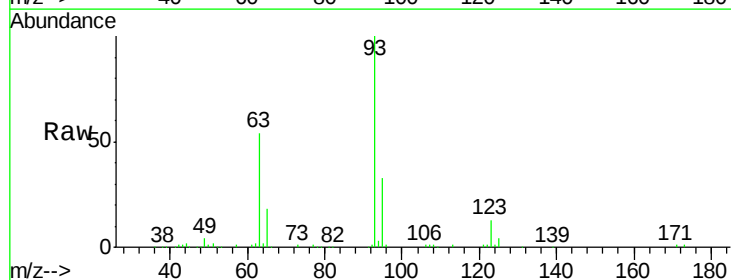
Tgt Ion: 93 Resp: 237491

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

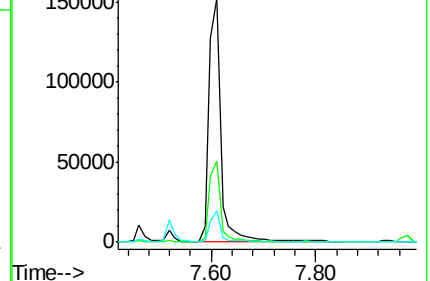
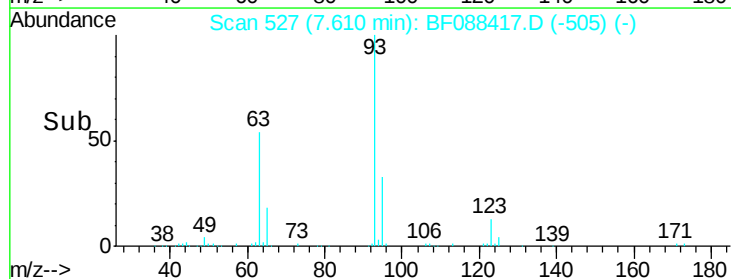
123 12.6 11.6 17.4

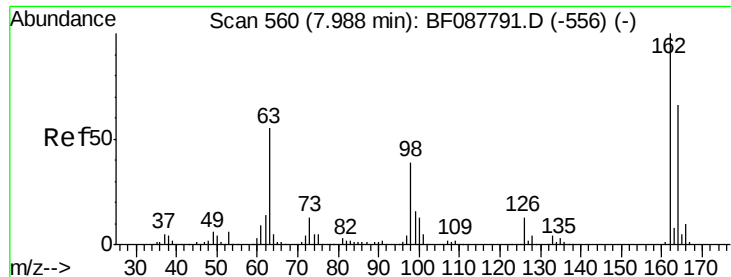


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

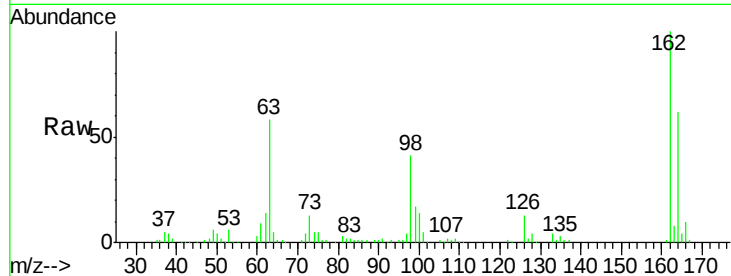




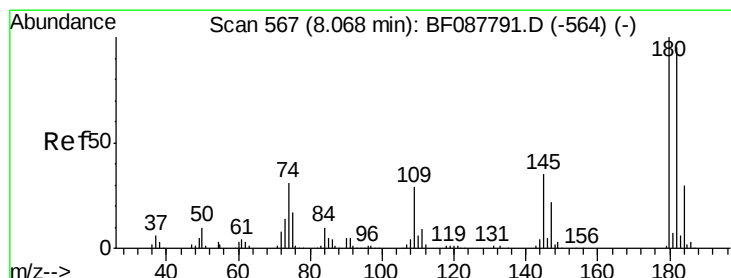
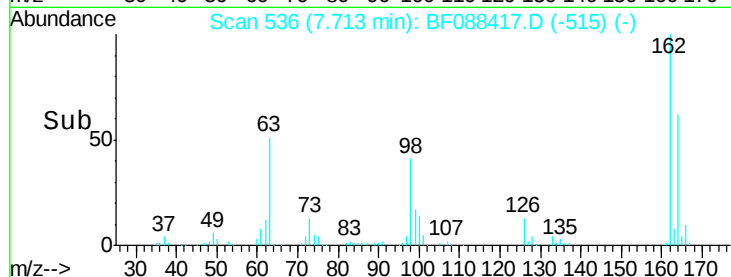
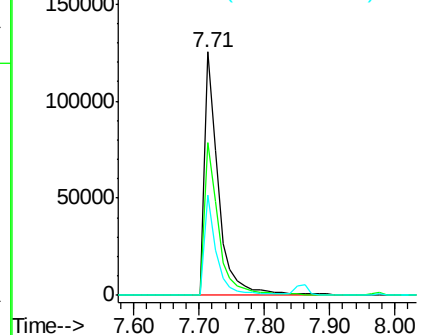
#29
 2,4-Dichlorophenol
 Concen: 41.55 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.06 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

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

Tot Ion:162 Resp: 184734
 Ion Ratio Lower Upper
 162 100
 164 62.5 43.8 83.8
 98 41.1 21.3 61.3

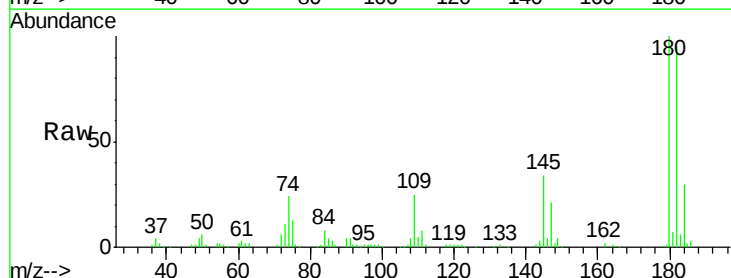


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

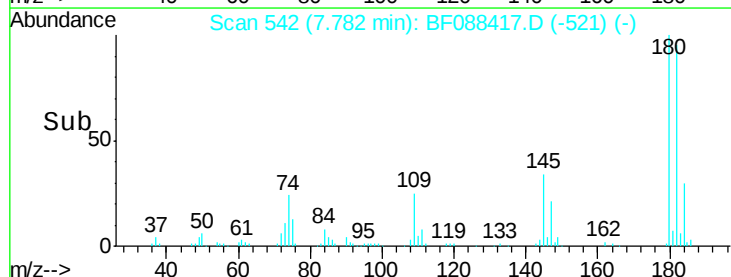
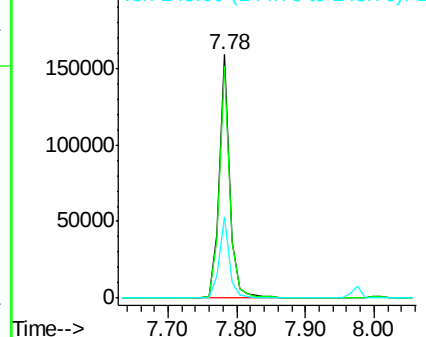


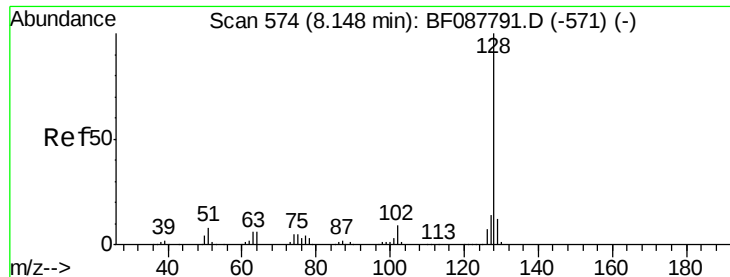
#30
 1,2,4-Trichlorobenzene
 Concen: 35.81 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.06 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

Tgt Ion:180 Resp: 173350
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.0 114.0
 145 33.5 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

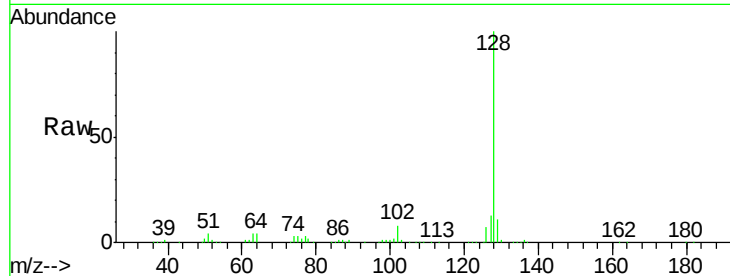




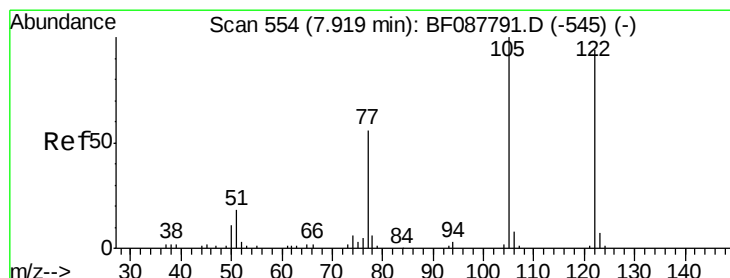
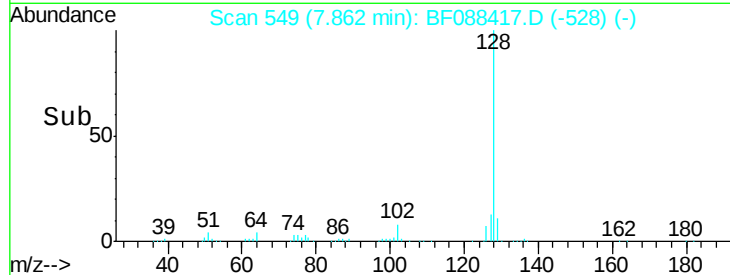
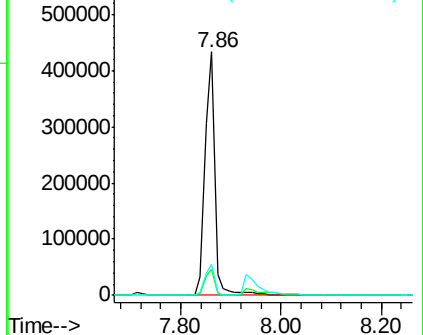
#31
Naphthalene
Concen: 37.06 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.06 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

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

Tot Ion:128 Resp: 596815
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.0 10.9 16.3

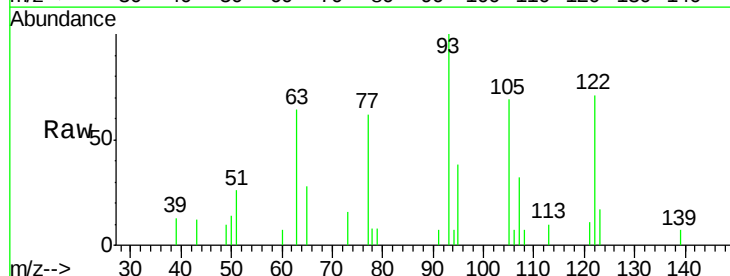


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

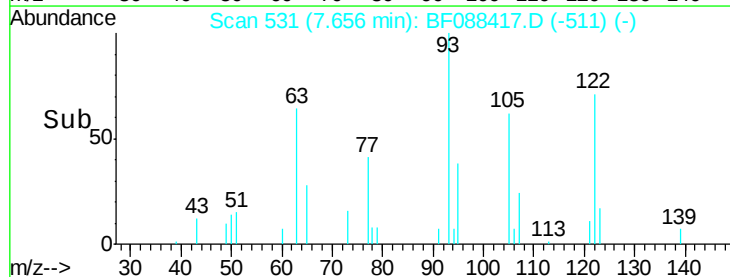
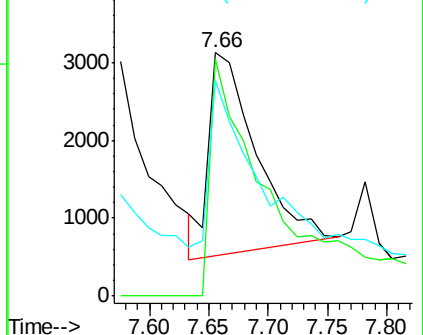


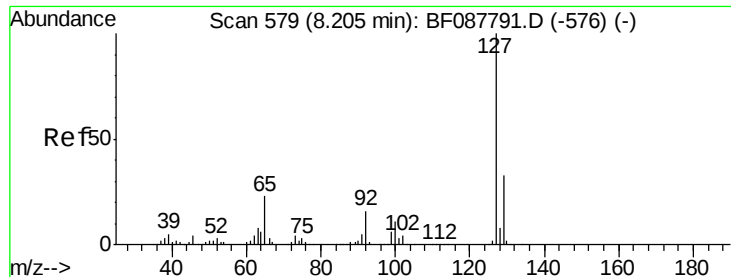
#32
Benzoic acid
Concen: 2.46 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.07 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

Tgt Ion:122 Resp: 7217
Ion Ratio Lower Upper
122 100
105 97.5 101.6 141.6#
77 88.3 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

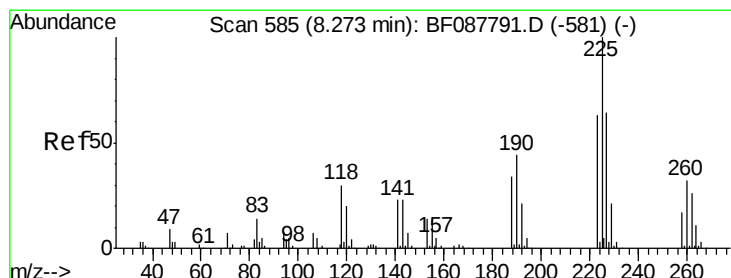
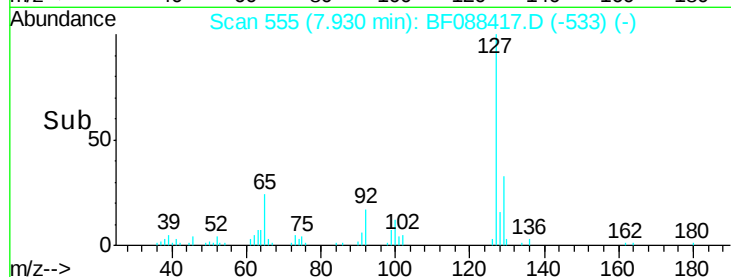
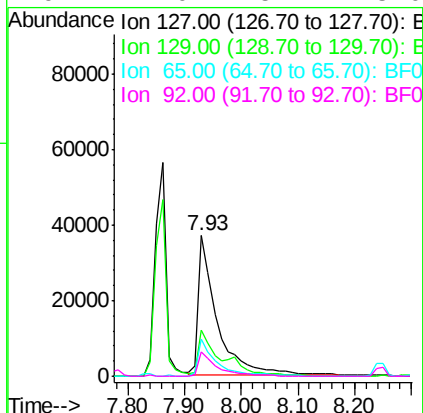
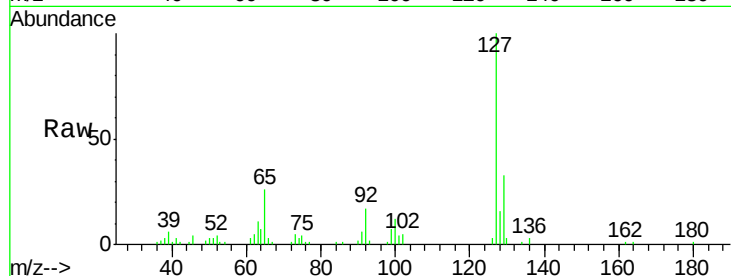




#33
4-Chloroaniline
Concen: 11.56 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

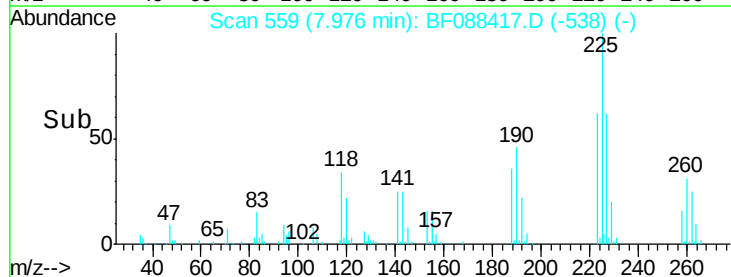
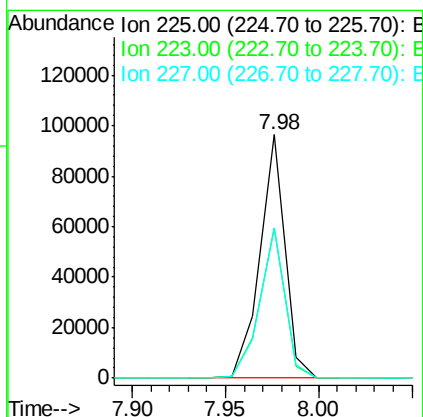
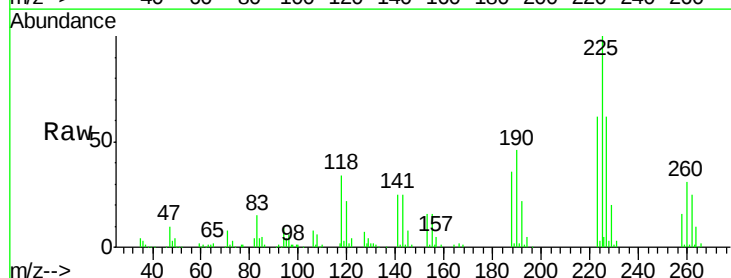
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MS

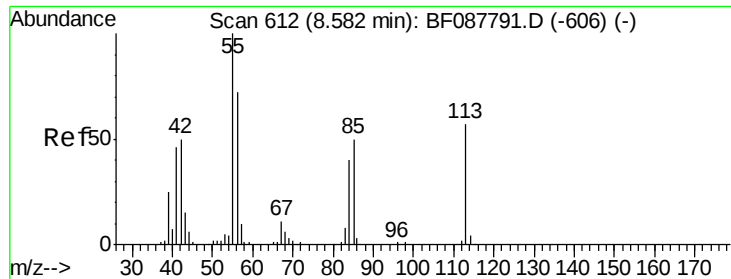
Tot Ion:127	Resp:	83171
Ion Ratio	Lower	Upper
127	100	
129	32.5	26.3 39.5
65	26.3	24.7 37.1
92	17.0	15.4 23.0



#34
Hexachlorobutadiene
Concen: 34.95 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.06 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

Tgt Ion:225	Resp:	89222
Ion Ratio	Lower	Upper
225	100	
223	61.9	50.9 76.3
227	61.7	51.9 77.9

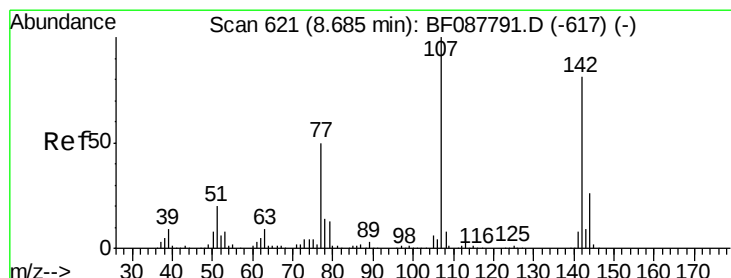
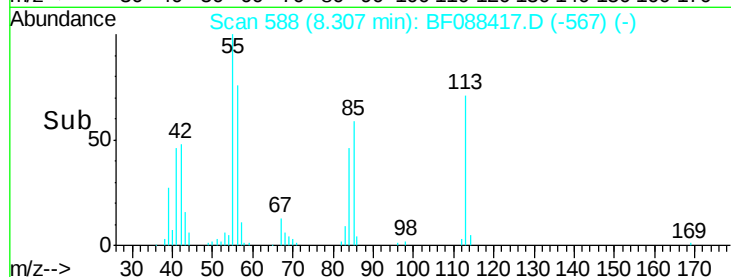
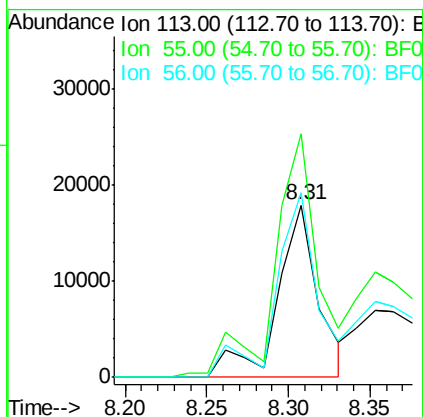
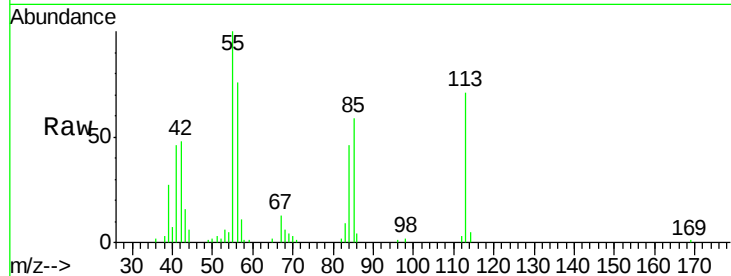




#35
 Caprolactam
 Concen: 21.06 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.06 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

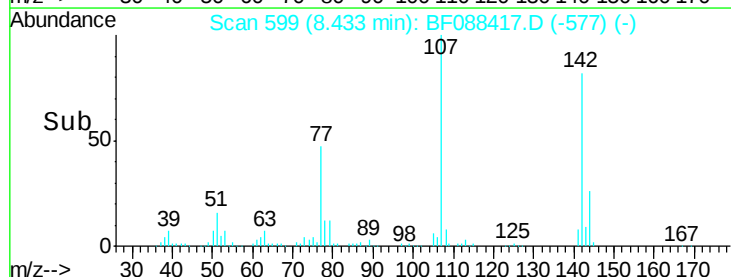
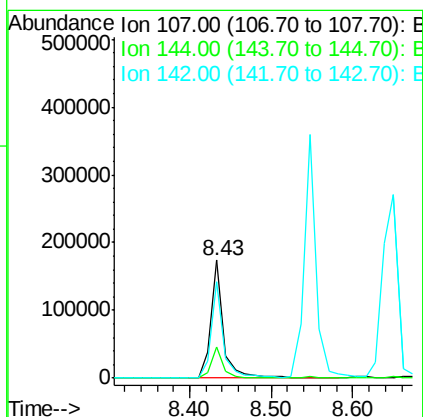
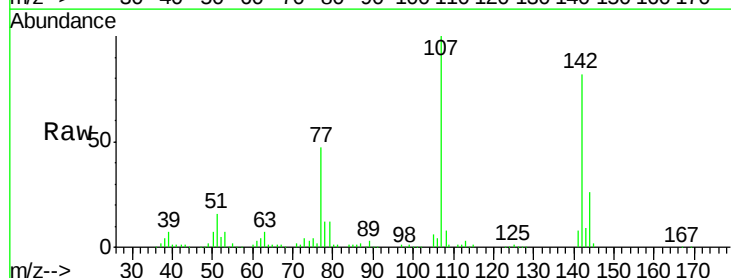
Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MS

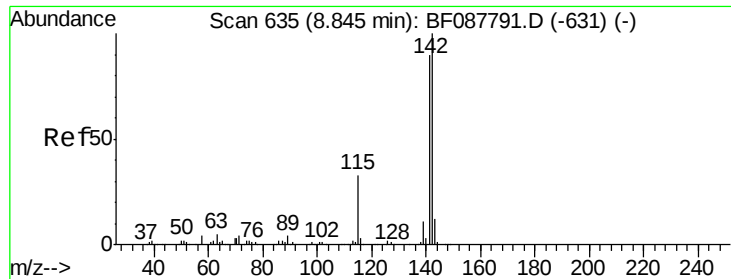
Tot Ion:113 Resp: 31020
 Ion Ratio Lower Upper
 113 100
 55 141.5 158.6 198.6#
 56 107.5 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 40.20 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.05 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

Tgt Ion:107 Resp: 191159
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.8 31.2
 142 81.9 63.4 95.2

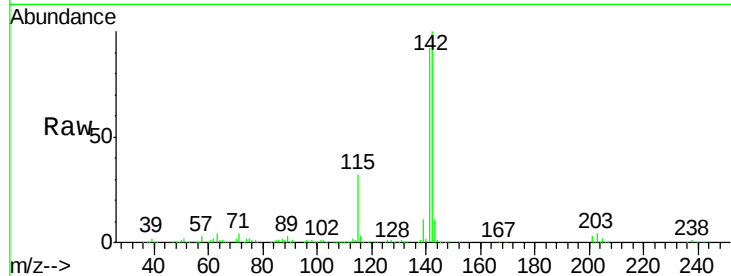




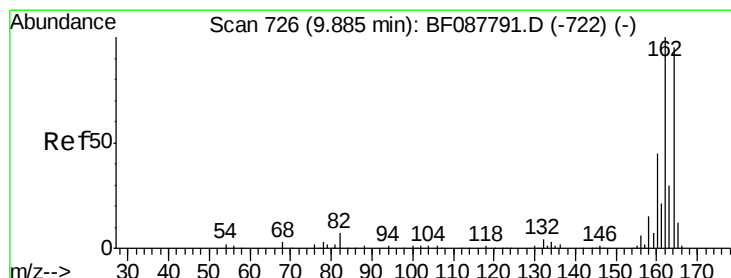
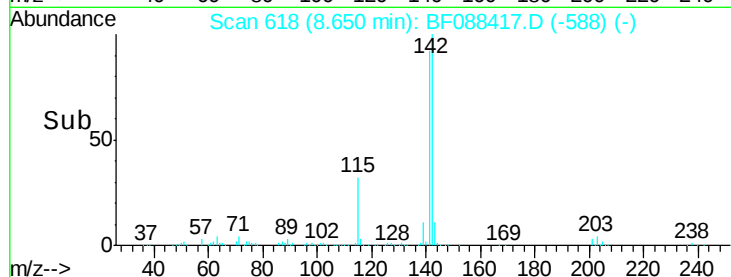
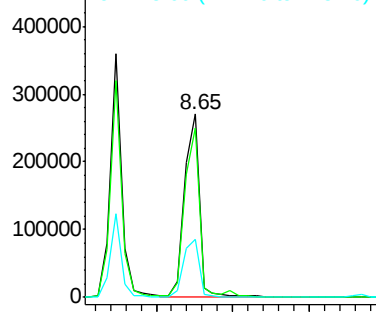
#37
2-Methylnaphthalene
Concen: 33.87 ng
RT: 8.65 min Scan# 618
Delta R.T. 0.05 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.0	106.6
115	31.5	22.6	33.8

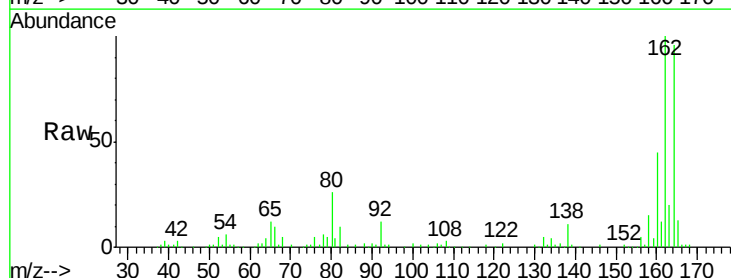


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

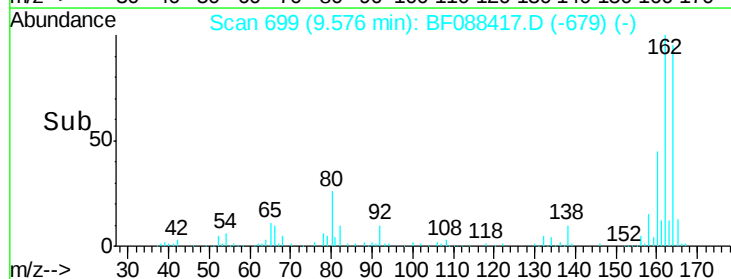
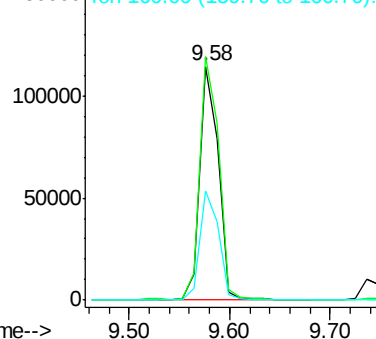


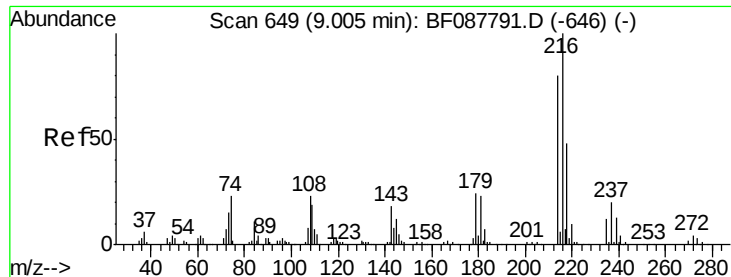
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.2
160	46.7	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: 40.38 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

Tot Ion:216 Resp: 159942

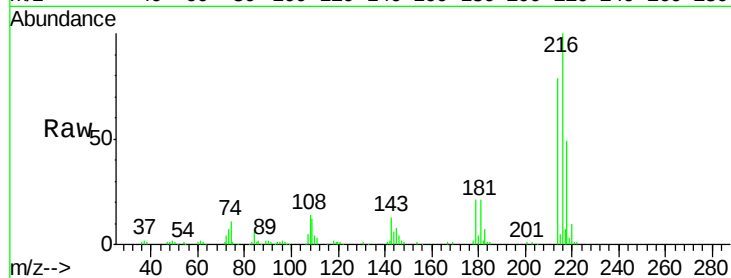
Ion Ratio Lower Upper

216 100

214 79.4 2.9 4.3#

179 22.4 0.0 0.0#

108 18.8 0.5 0.7#

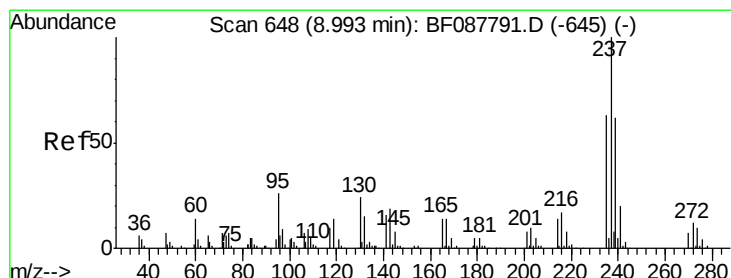
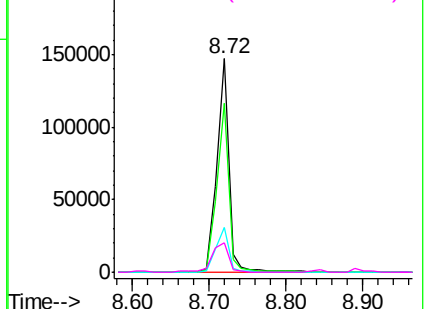
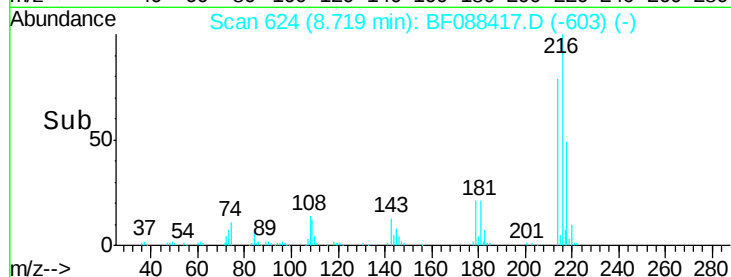


Abundance Ion 216.00 (215.70 to 216.70): E

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: 16.31 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

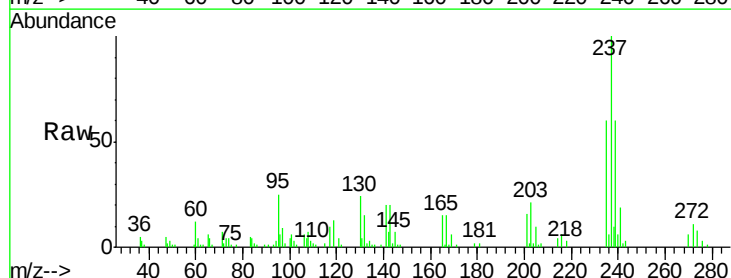
Tgt Ion:237 Resp: 38677

Ion Ratio Lower Upper

237 100

235 59.6 43.4 83.4

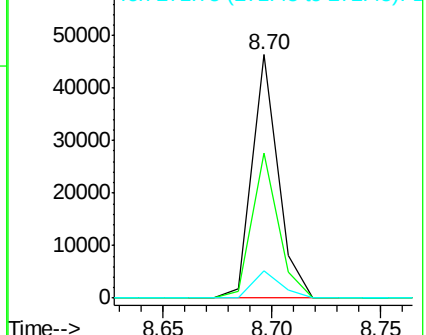
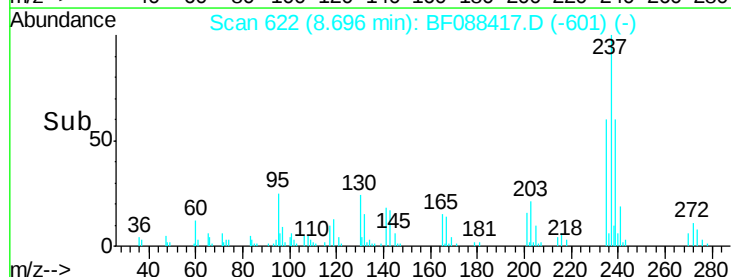
272 11.2 0.0 32.3

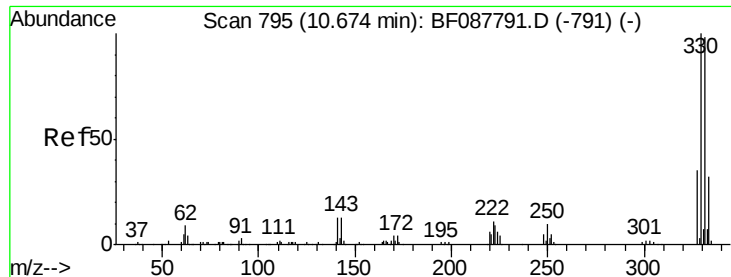


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

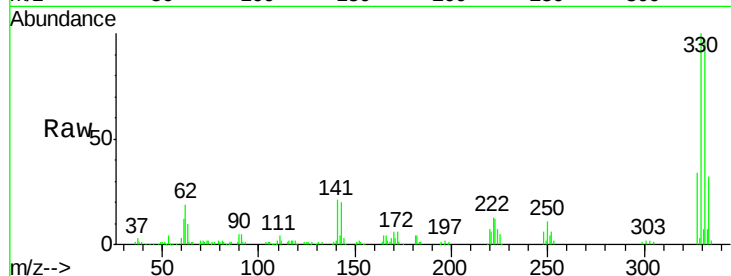




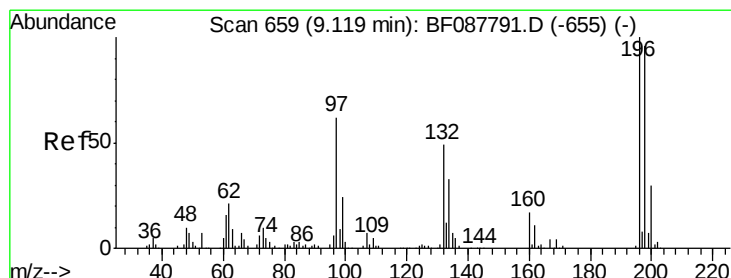
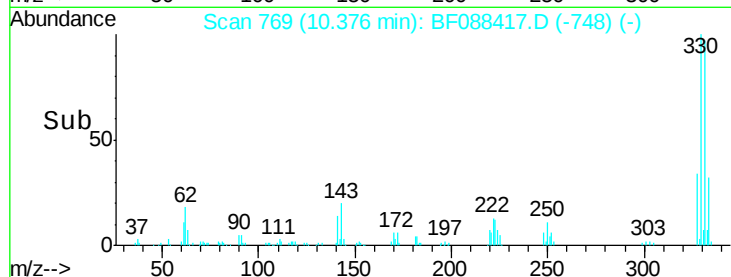
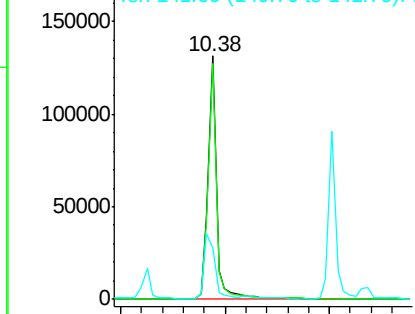
#41
 2,4,6-Tribromophenol
 Concen: 97.47 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.06 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	32.9	0.0	0.0#

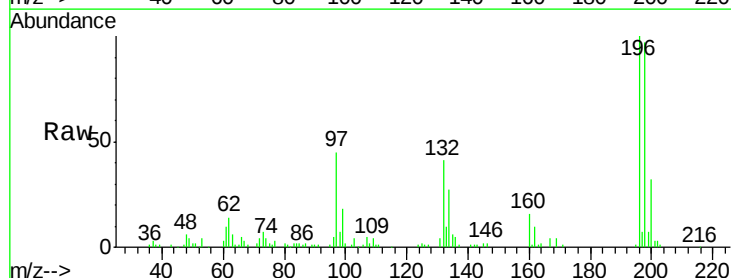


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

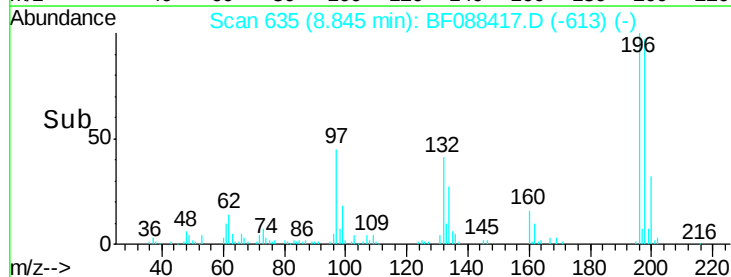
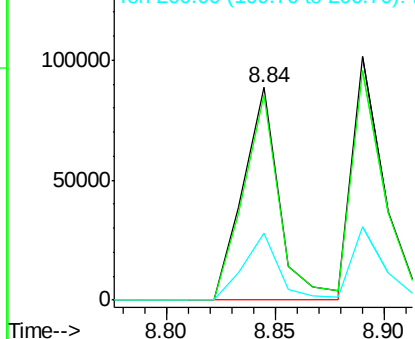


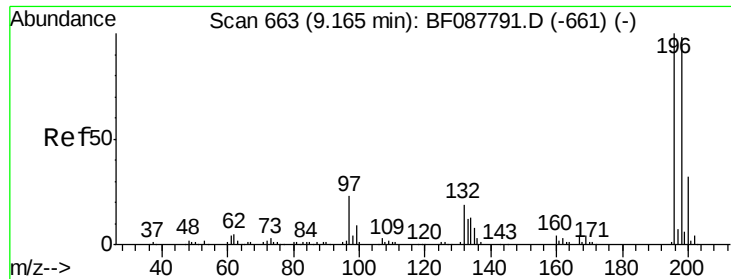
#42
 2,4,6-Trichlorophenol
 Concen: 35.22 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	78.0	117.0
200	31.7	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

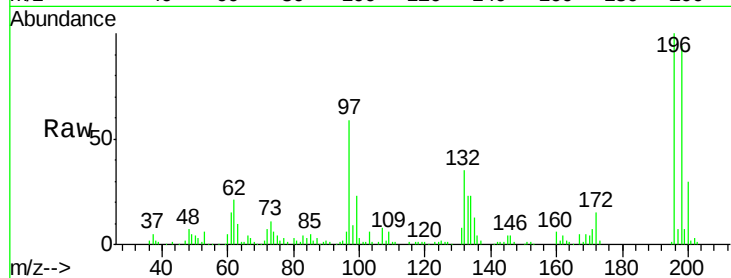




#43
 2,4,5-Trichlorophenol
 Concen: 36.14 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	77.5	116.3
97	58.8	32.0	48.0#
132	34.6	20.9	31.3#



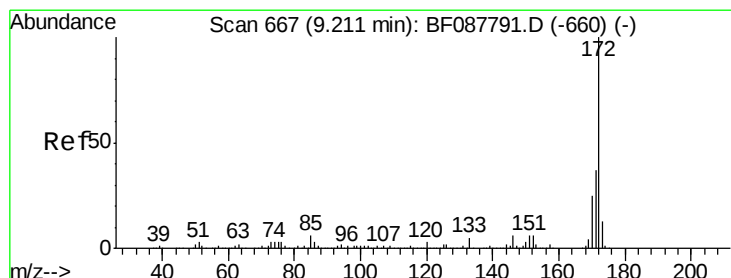
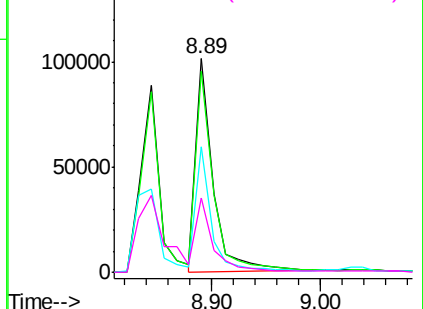
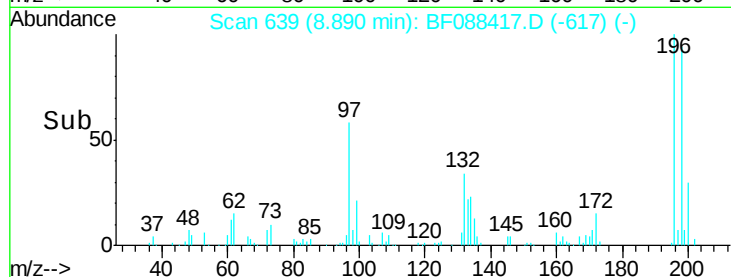
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

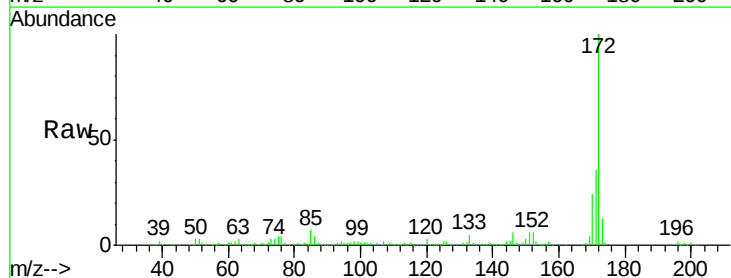
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.59 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.2	28.8

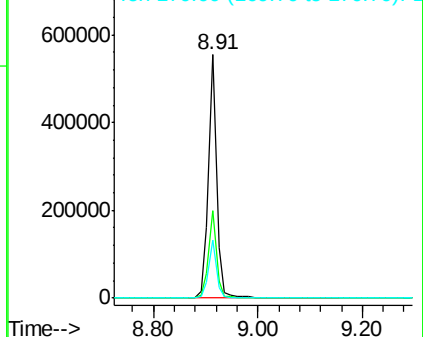
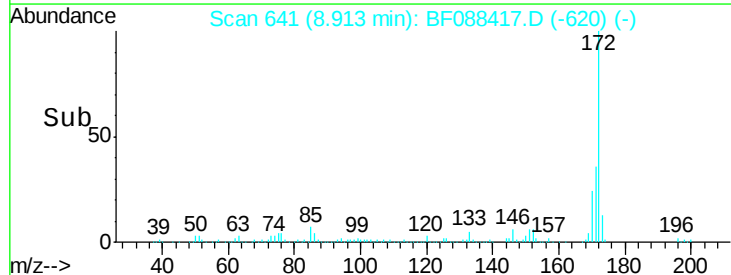


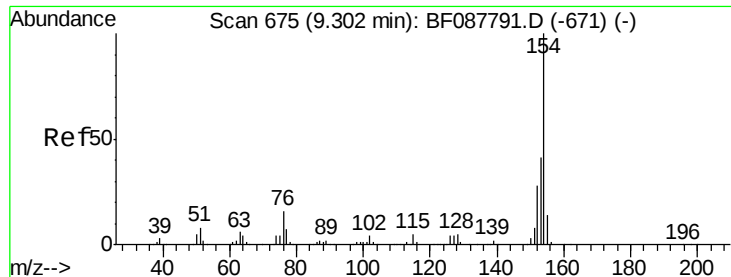
Abundance

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: 41.56 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

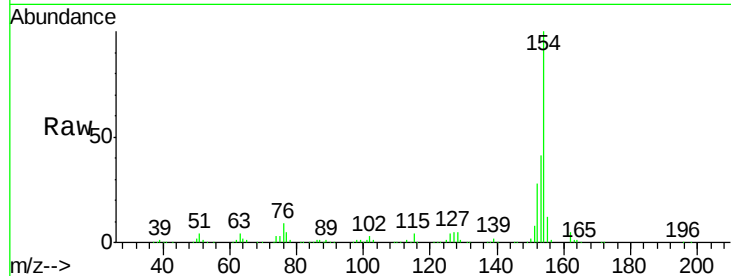
Tot Ion:154 Resp: 463859

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

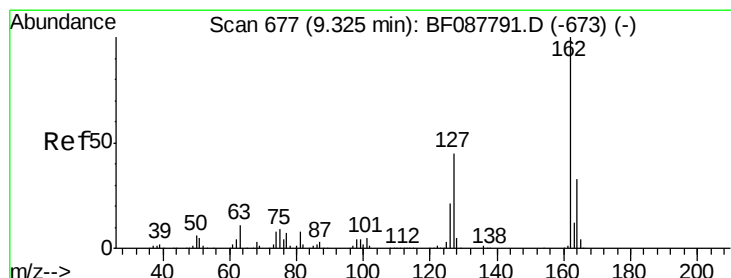
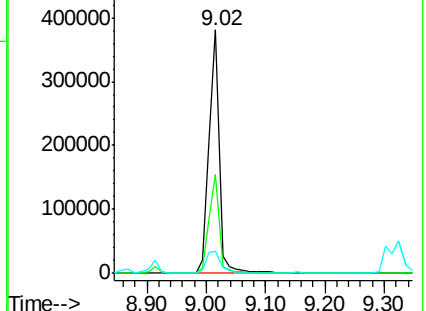
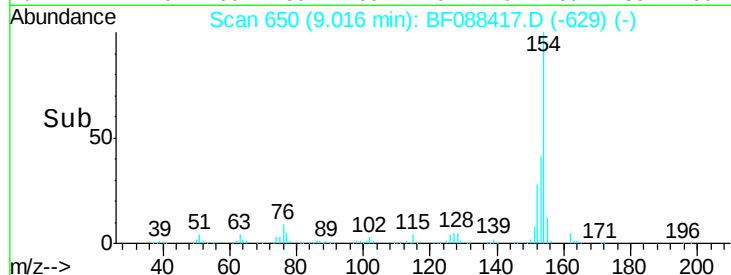
76 9.1 0.0 35.1



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: 38.41 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

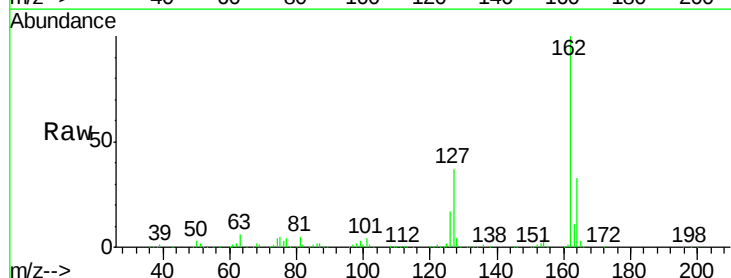
Tgt Ion:162 Resp: 365378

Ion Ratio Lower Upper

162 100

127 36.9 35.2 52.8

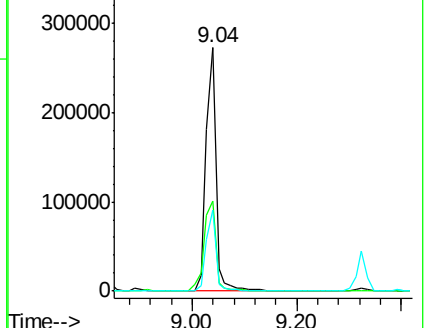
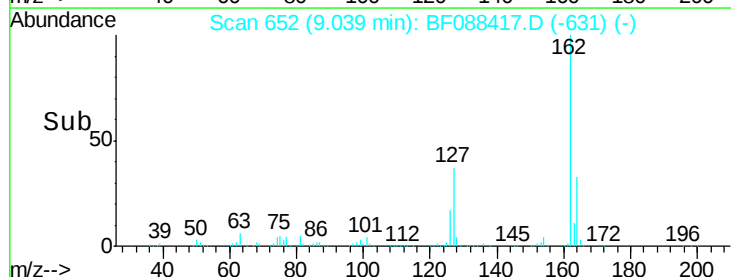
164 33.2 26.6 39.8

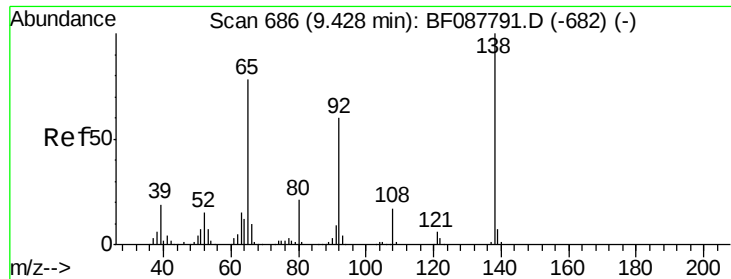


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.28 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.05 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

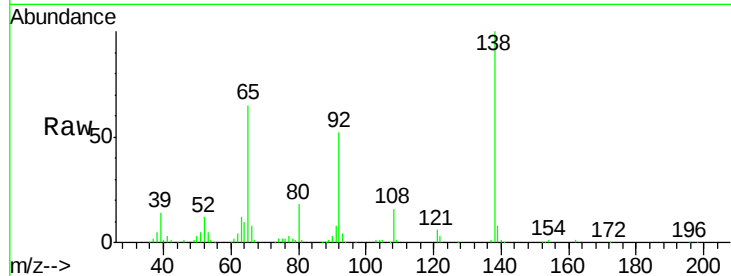
Tot Ion: 65 Resp: 107417

Ion Ratio Lower Upper

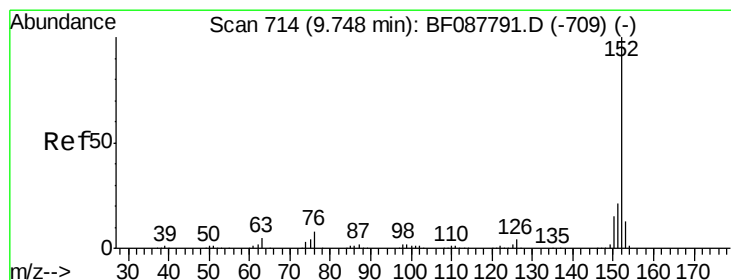
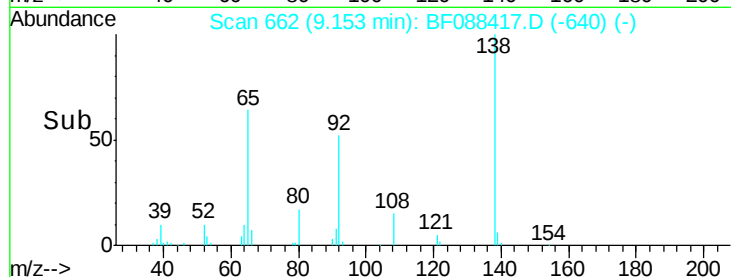
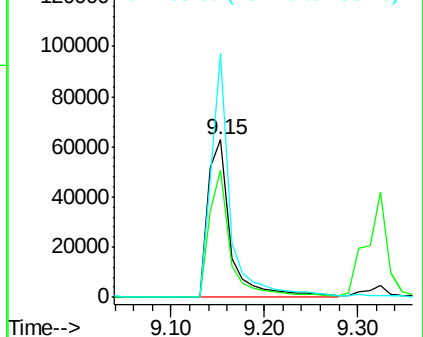
65 100

92 80.6 54.6 82.0

138 154.3 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: 36.67 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

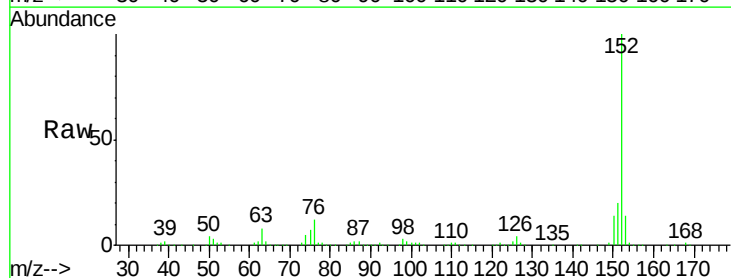
Tgt Ion: 152 Resp: 554926

Ion Ratio Lower Upper

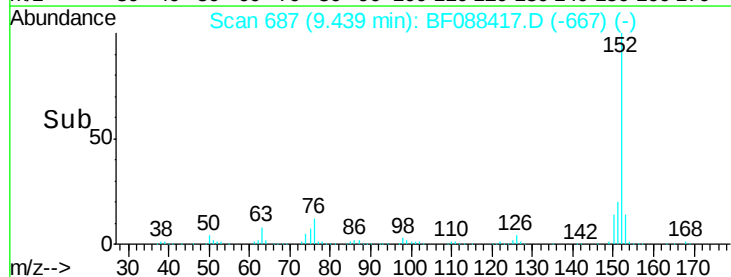
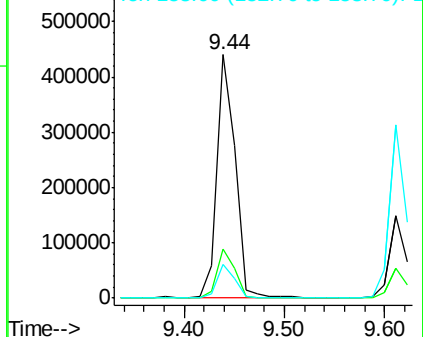
152 100

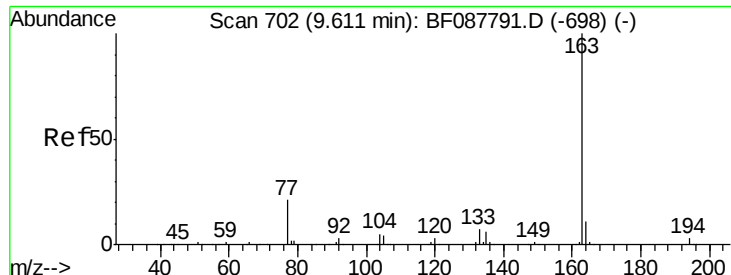
151 20.1 16.2 24.4

153 13.7 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

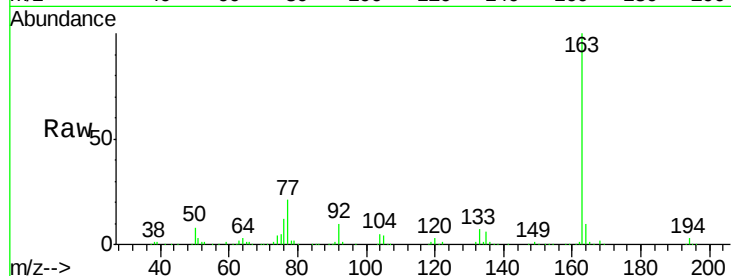




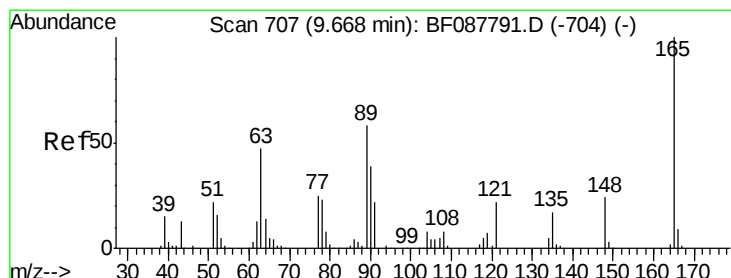
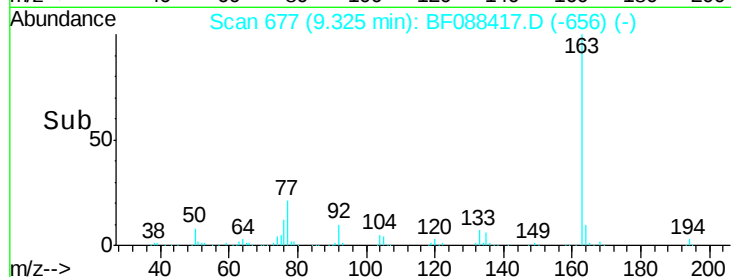
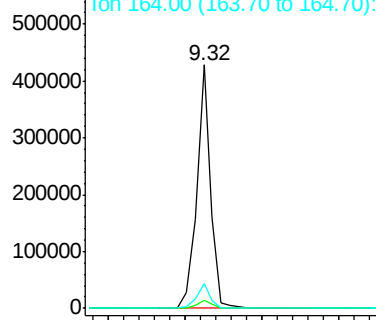
#49
Dimethylphthalate
Concen: 51.29 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

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

Tot Ion:163 Resp: 546210
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.3 8.3 12.5

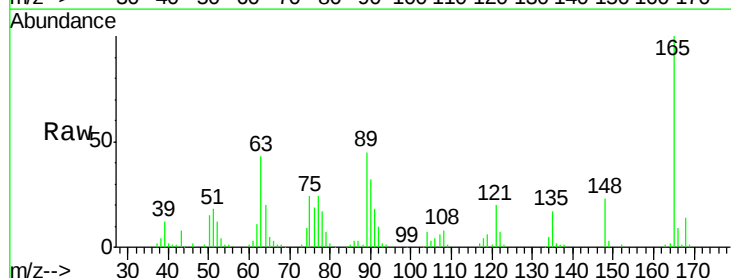


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

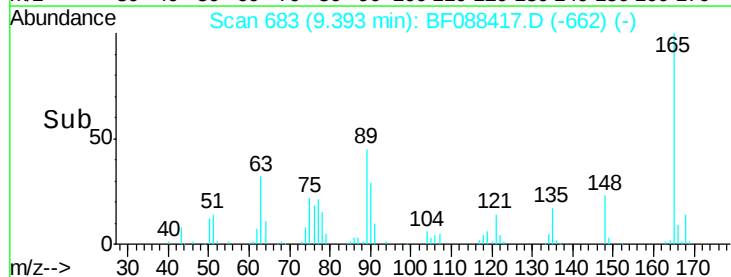
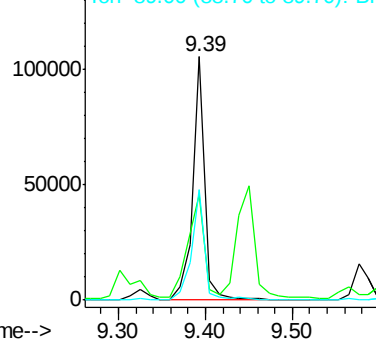


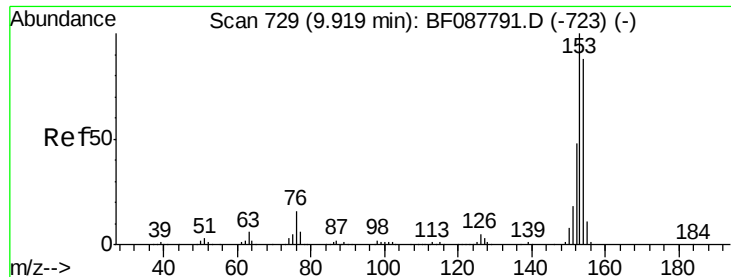
#50
2,6-Dinitrotoluene
Concen: 42.28 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

Tgt Ion:165 Resp: 103106
Ion Ratio Lower Upper
165 100
63 43.3 28.1 42.1#
89 45.4 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: 33.24 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.07 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

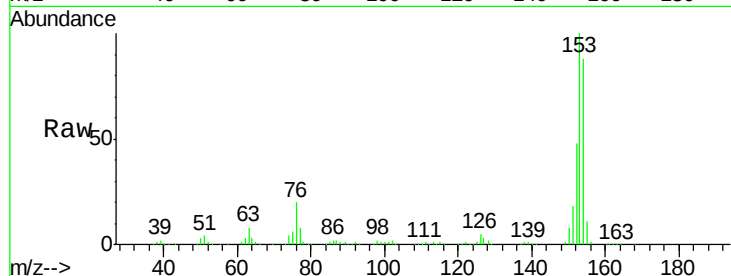
Tot Ion:154 Resp: 313756

Ion Ratio Lower Upper

154 100

153 114.2 89.5 134.3

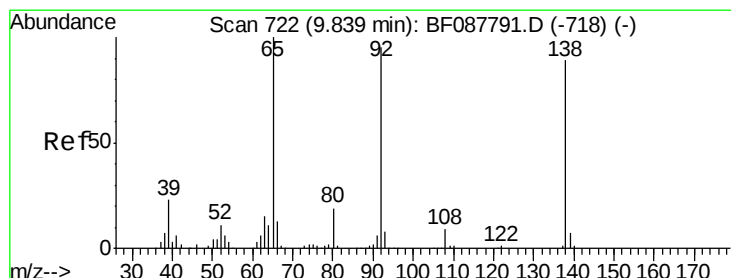
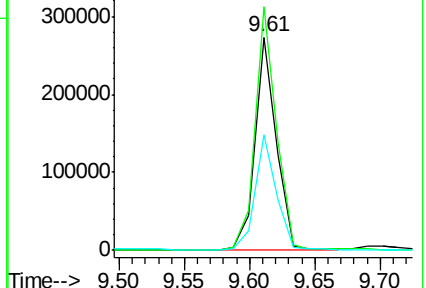
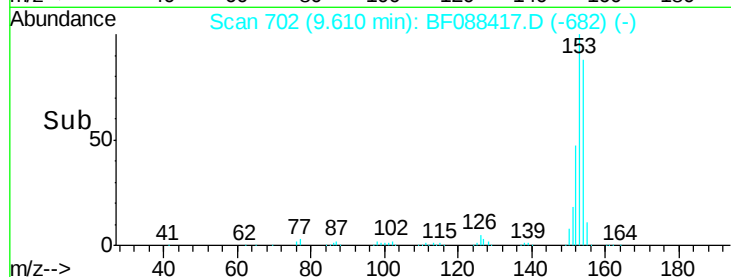
152 54.3 42.7 64.1



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: 21.53 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

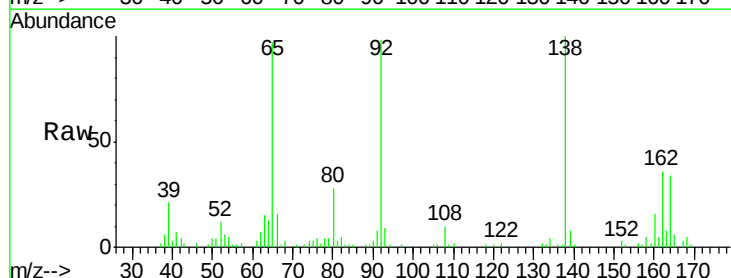
Tgt Ion:138 Resp: 60579

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

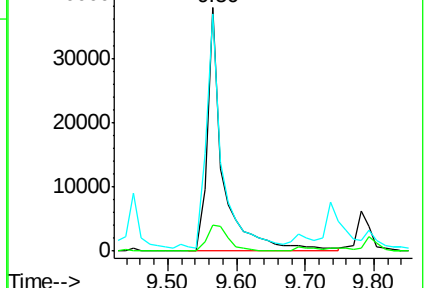
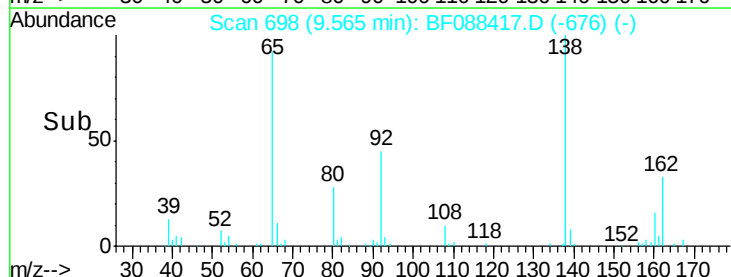
92 97.7 95.7 143.5

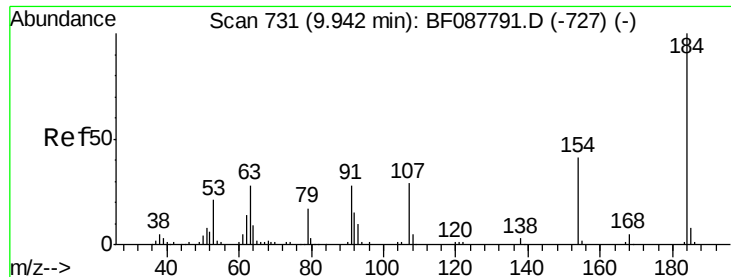


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

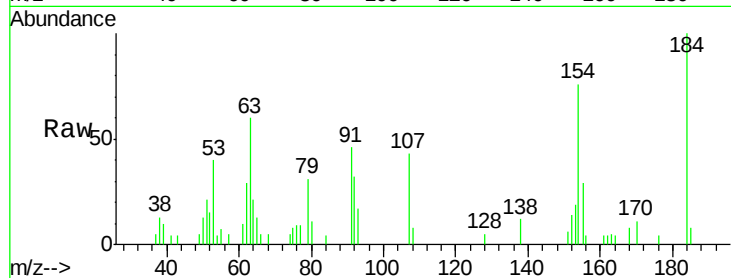




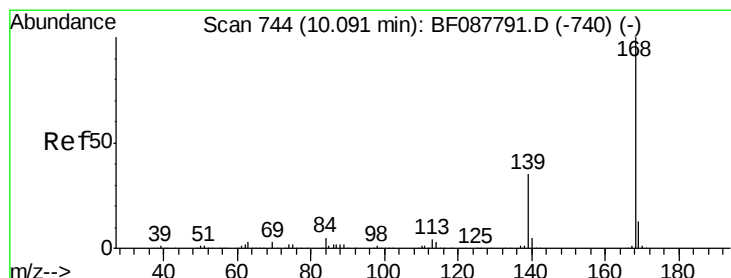
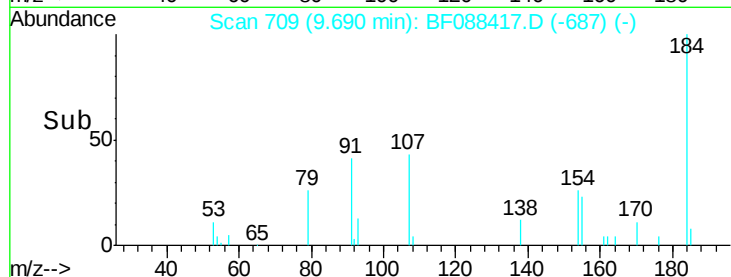
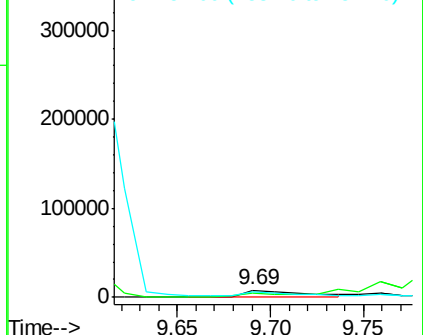
#53
2,4-Dinitrophenol
Concen: 17.43 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

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

Tot Ion:184 Resp: 16489
Ion Ratio Lower Upper
184 100
63 60.4 57.6 86.4
154 76.1 53.5 80.3

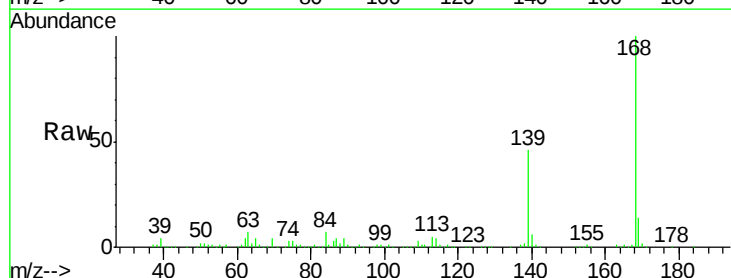


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

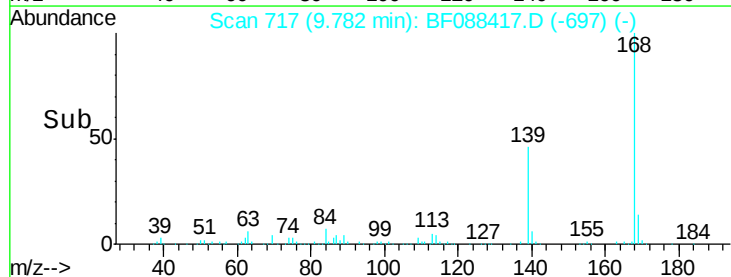
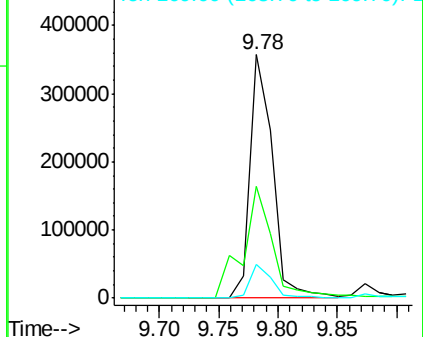


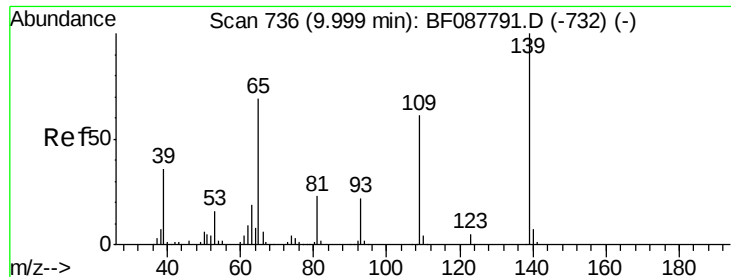
#54
Dibenzofuran
Concen: 36.50 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.07 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

Tgt Ion:168 Resp: 474544
Ion Ratio Lower Upper
168 100
139 45.8 26.4 39.6#
169 14.0 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

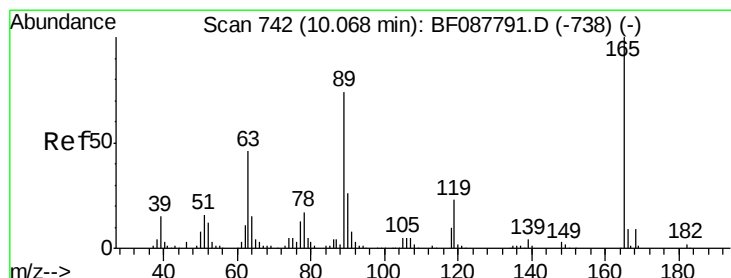
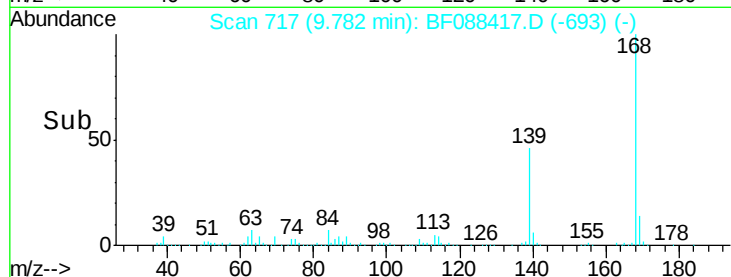
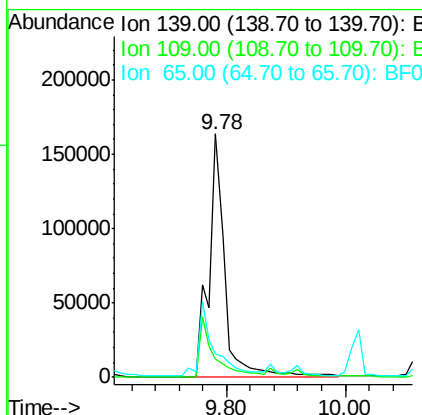
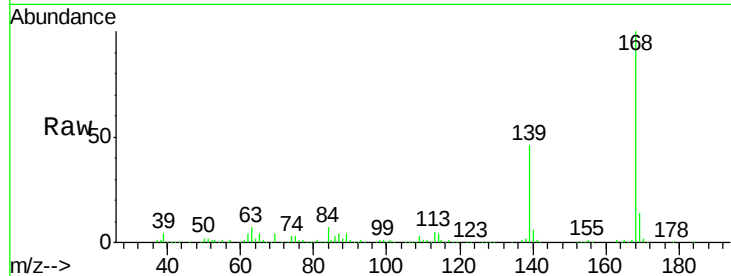




#55
4-Nitrophenol
Concen: 140.51 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

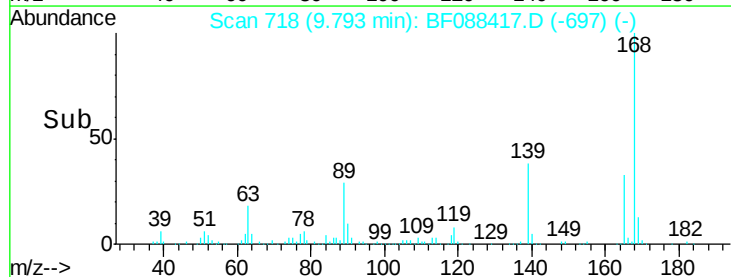
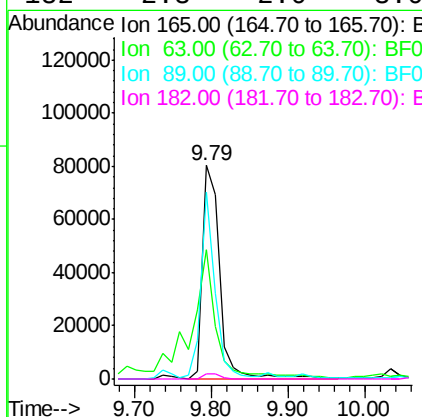
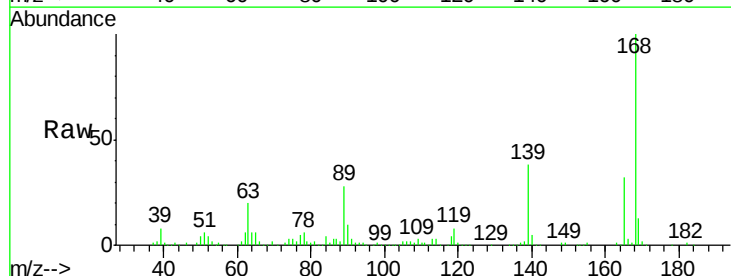
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MS

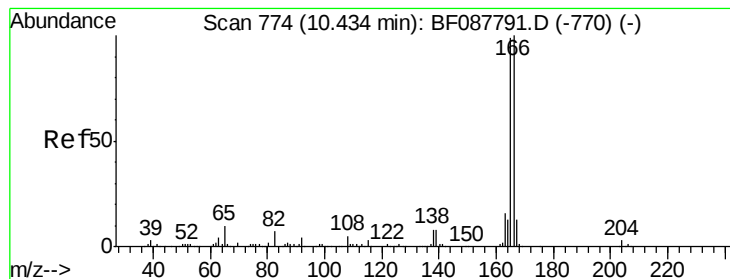
Tot Ion:139 Resp: 306917
Ion Ratio Lower Upper
139 100
109 7.4 48.9 88.9#
65 9.8 84.9 124.9#



#56
2,4-Dinitrotoluene
Concen: 39.90 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.06 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

Tgt Ion:165 Resp: 125062
Ion Ratio Lower Upper
165 100
63 60.5 22.0 33.0#
89 87.6 41.1 61.7#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 41.16 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.07 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

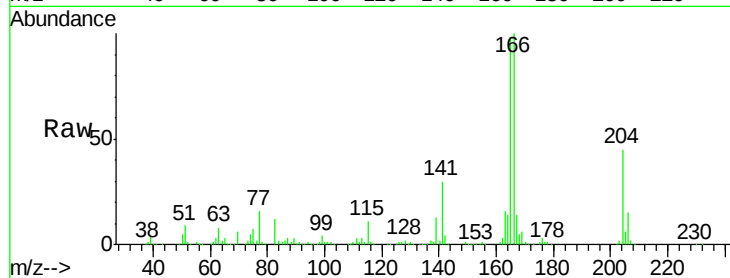
Tot Ion:166 Resp: 365193

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.8

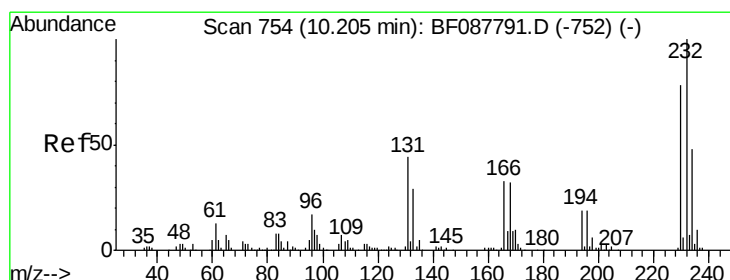
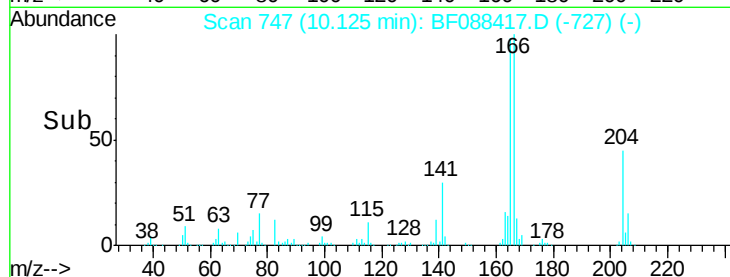
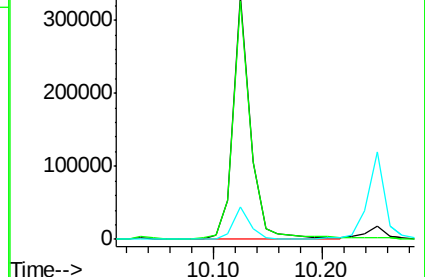
167 13.5 11.2 16.8



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: 40.33 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Tgt Ion:232 Resp: 96947

Ion Ratio Lower Upper

232 100

131 45.7 0.9 1.3#

130 2.1 1.5 2.3

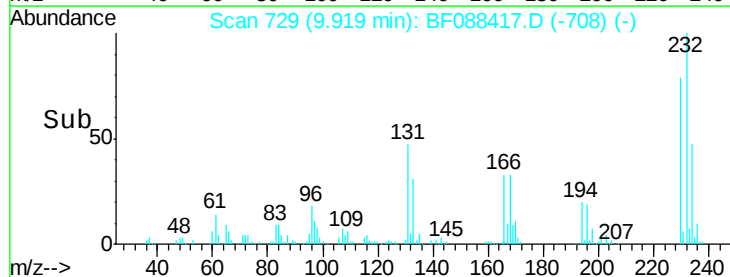
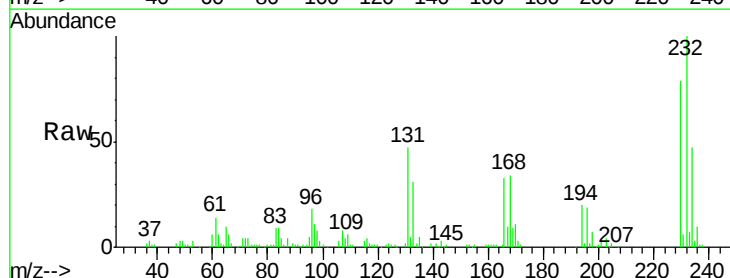
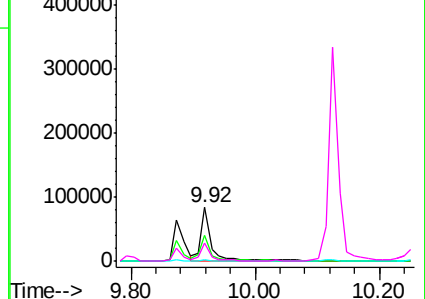
166 29.4 0.5 0.7#

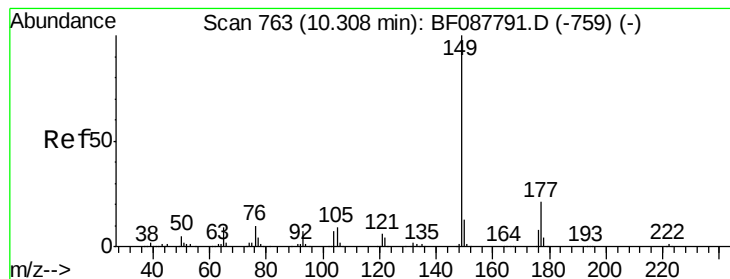
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.74 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

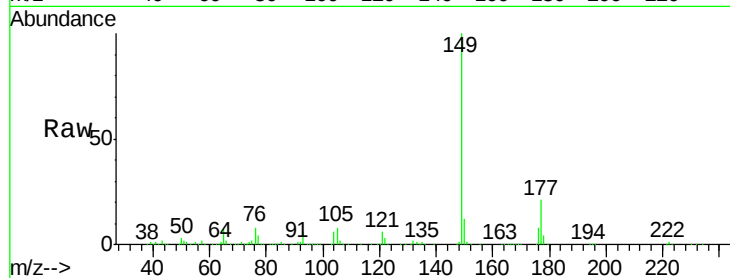
Tot Ion:149 Resp: 439160

Ion Ratio Lower Upper

149 100

177 20.8 16.9 25.3

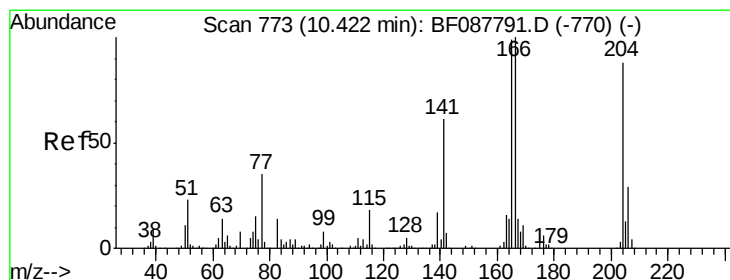
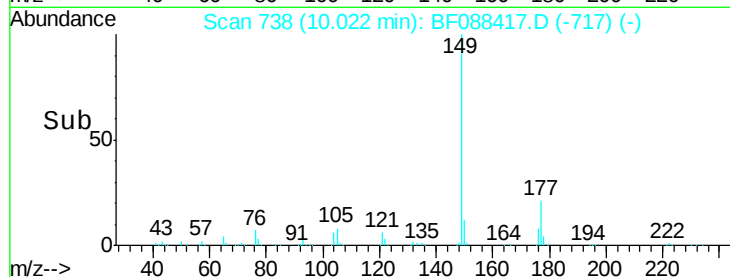
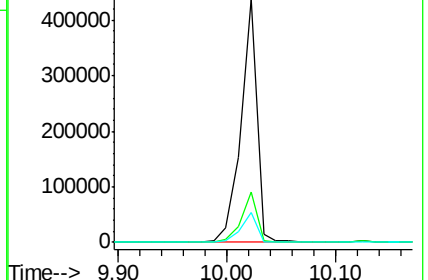
150 12.1 10.1 15.1



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: 36.03 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

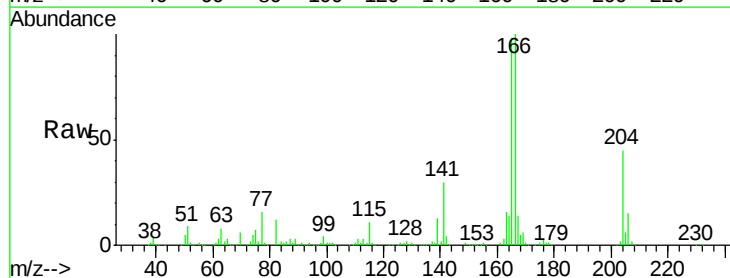
Tgt Ion:204 Resp: 155784

Ion Ratio Lower Upper

204 100

206 33.1 26.3 39.5

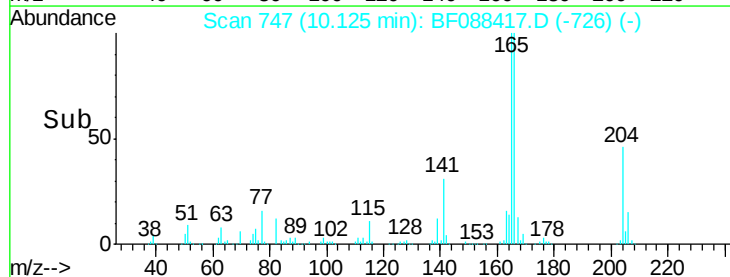
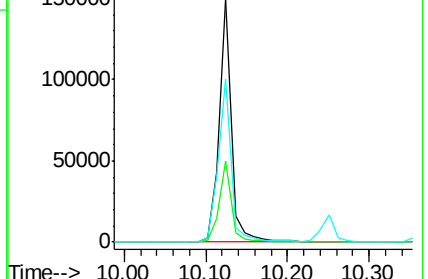
141 66.9 55.0 82.6

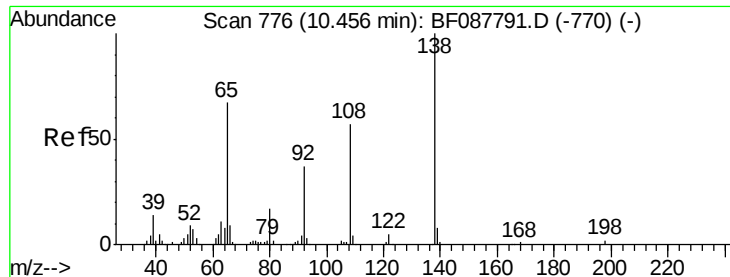


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.72 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.05 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

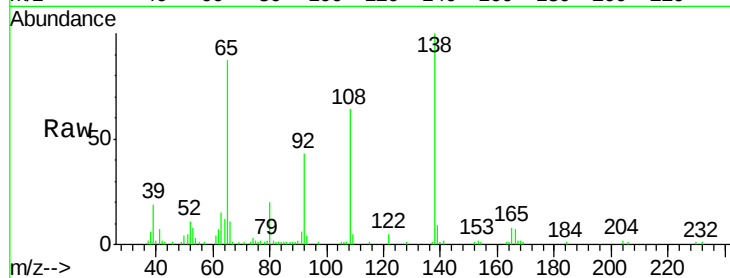
Tot Ion:138 Resp: 98031

Ion Ratio Lower Upper

138 100

92 43.2 27.3 67.3

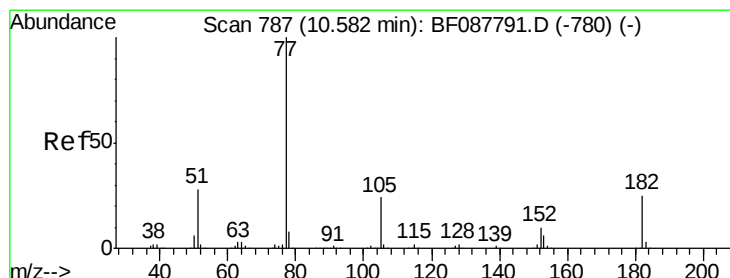
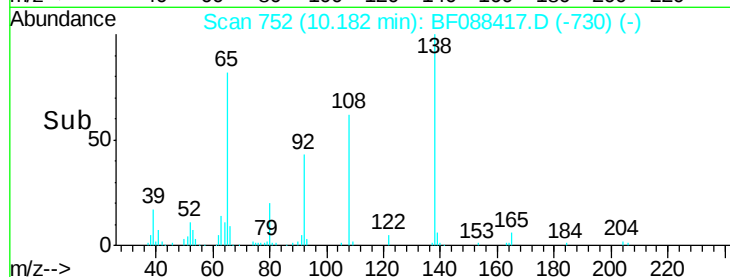
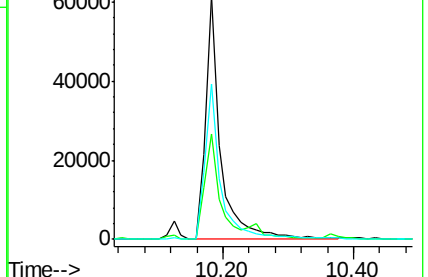
108 63.5 46.7 86.7



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: 37.62 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Tgt Ion: 77 Resp: 401039

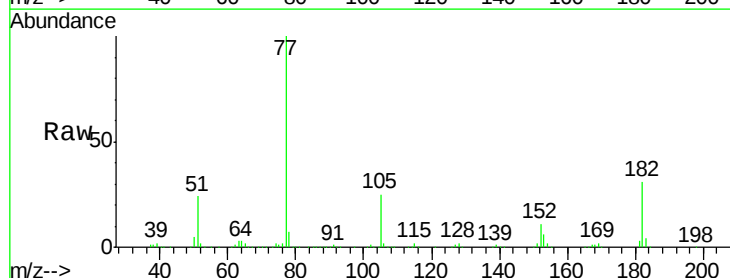
Ion Ratio Lower Upper

77 100

182 30.7 4.4 44.4

105 25.0 3.8 43.8

51 24.2 9.3 49.3

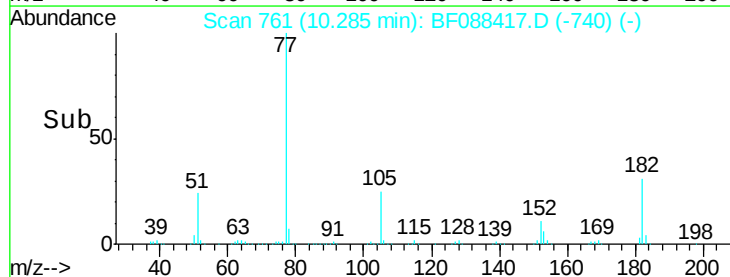
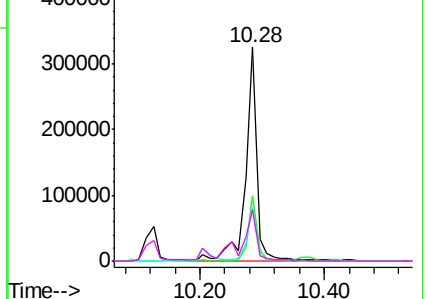


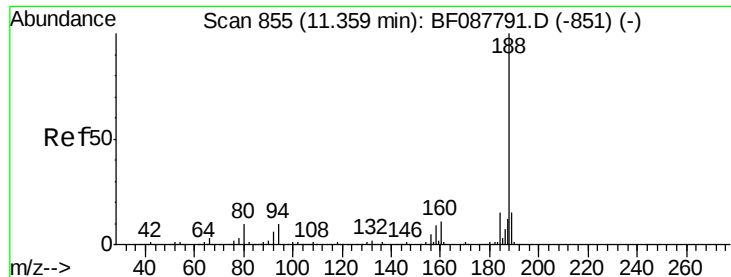
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

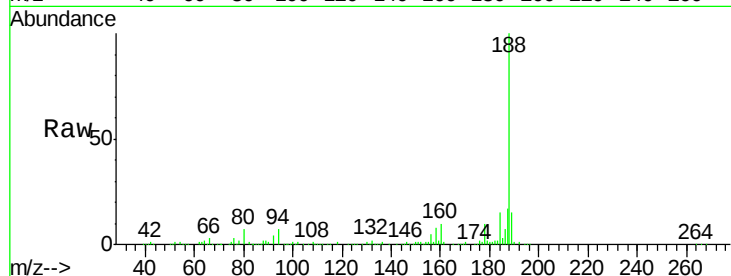




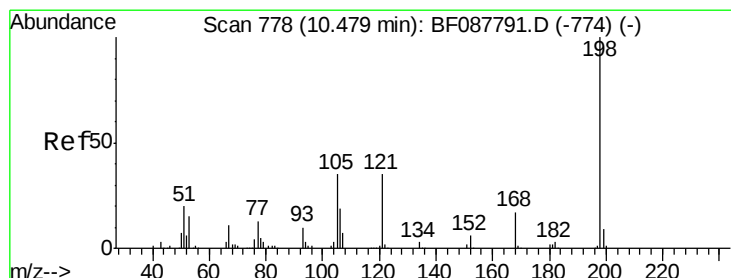
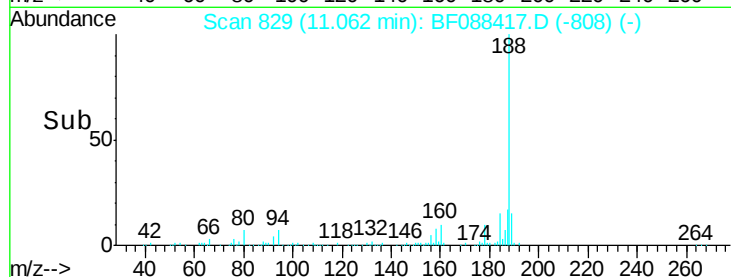
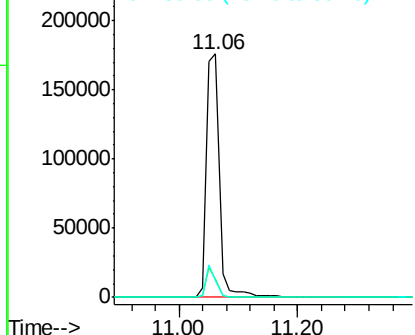
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

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

Tot Ion:188 Resp: 270319
Ion Ratio Lower Upper
188 100
94 7.3 9.0 13.6#
80 7.2 10.0 15.0#

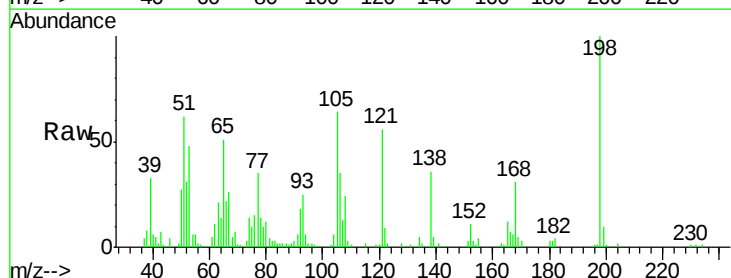


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

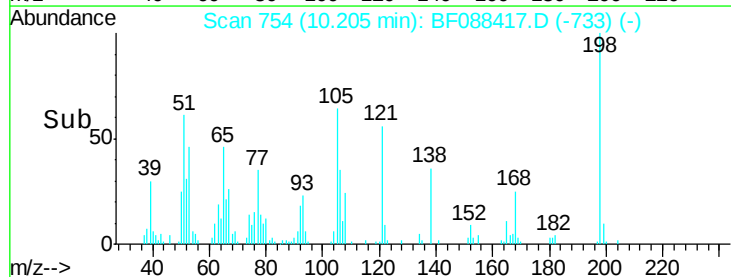
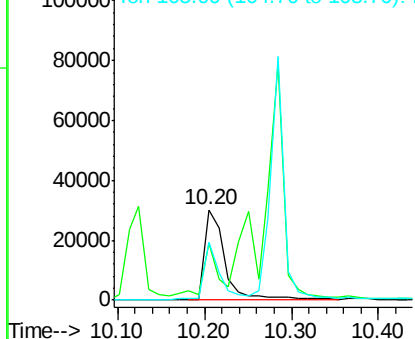


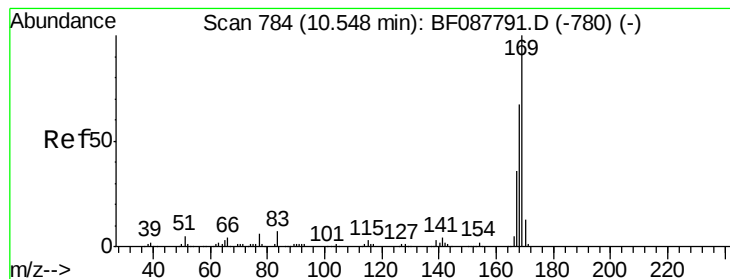
#64
4,6-Dinitro-2-methylphenol
Concen: 30.08 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.06 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

Tgt Ion:198 Resp: 49340
Ion Ratio Lower Upper
198 100
51 62.3 39.6 79.6
105 64.0 36.6 76.6



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





#65

n-Nitrosodiphenylamine

Concen: 39.47 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

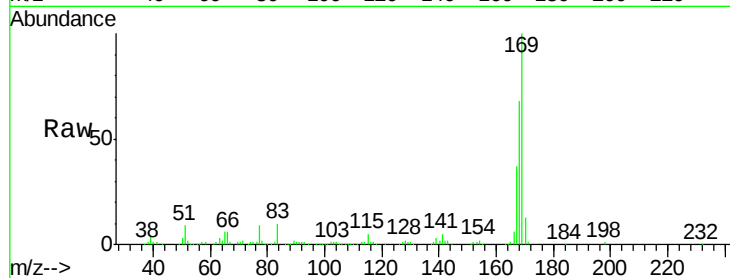
Tot Ion:169 Resp: 354033

Ion Ratio Lower Upper

169 100

168 68.3 53.4 80.0

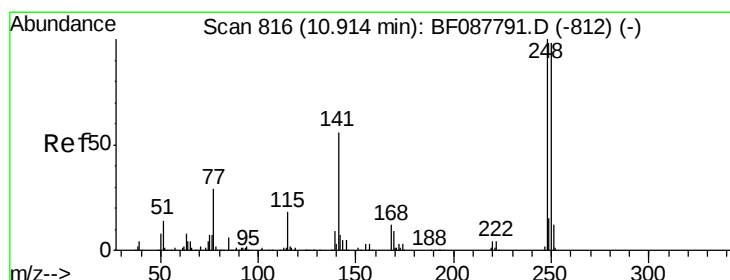
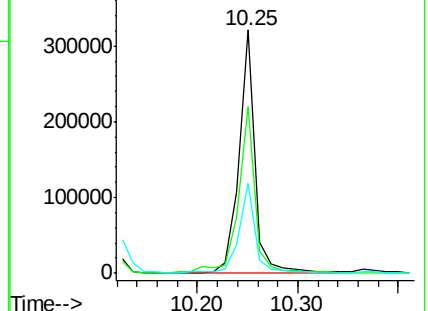
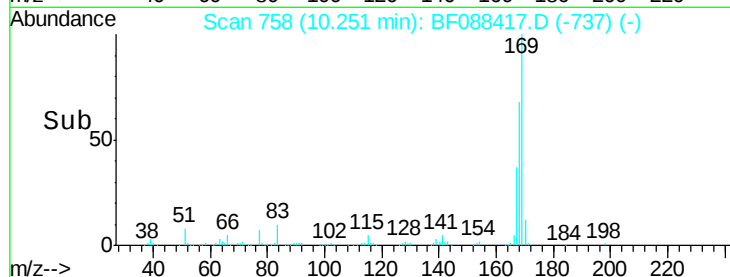
167 37.2 29.4 44.0



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: 35.24 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.07 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

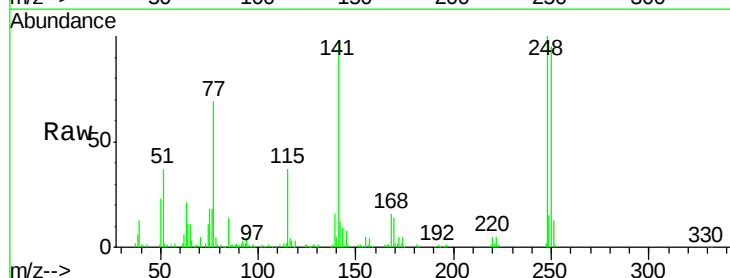
Tgt Ion:248 Resp: 102197

Ion Ratio Lower Upper

248 100

250 95.0 77.1 115.7

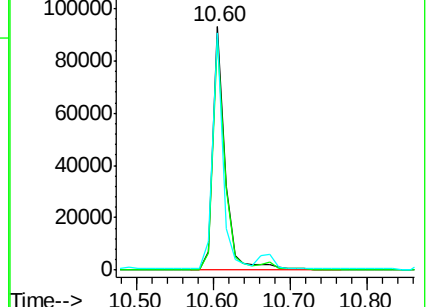
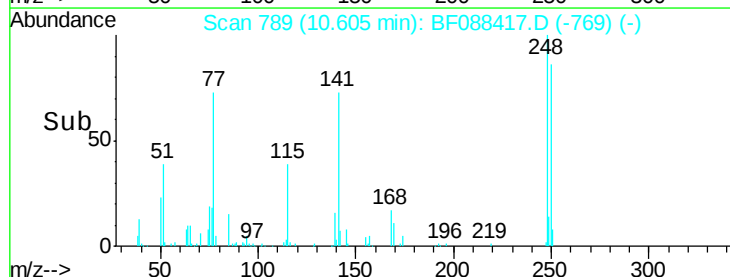
141 97.4 50.6 76.0#

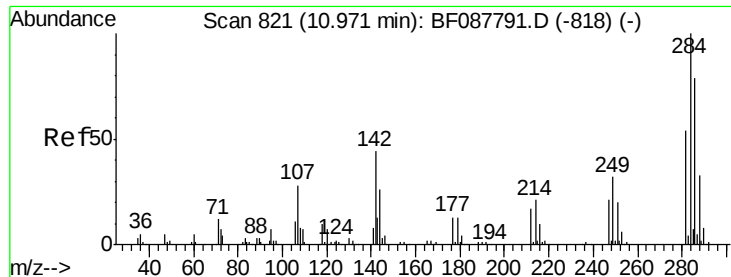


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

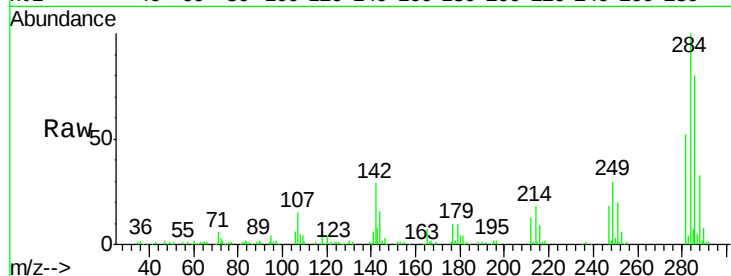




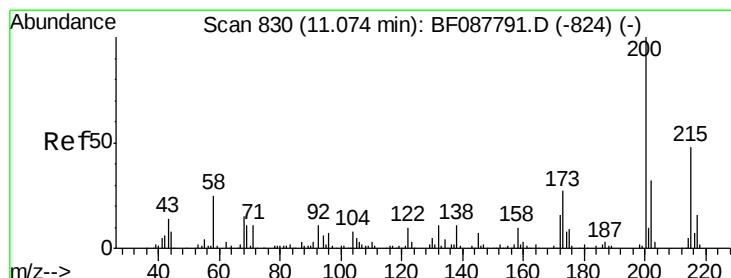
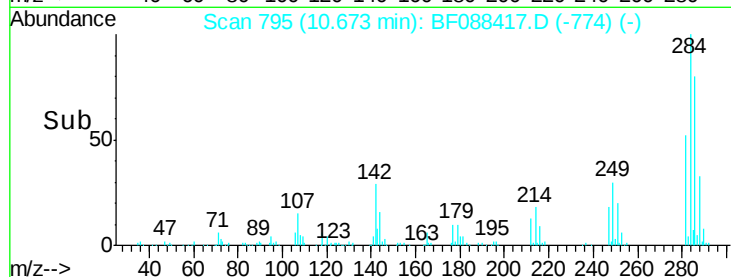
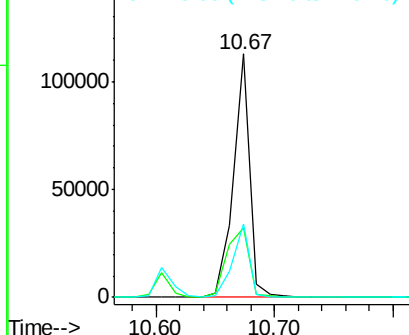
#67
Hexachlorobenzene
Concen: 35.76 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.06 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

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

Tot Ion:284 Resp: 107745
Ion Ratio Lower Upper
284 100
142 28.6 35.8 53.8#
249 30.2 25.8 38.6

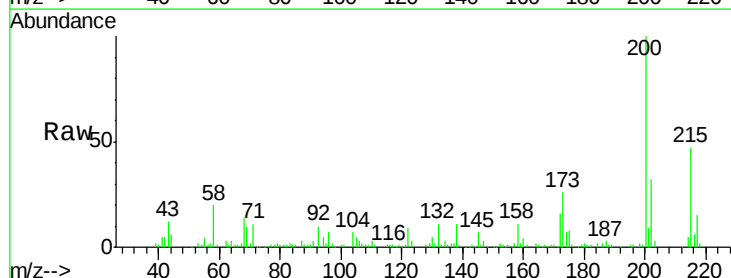


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

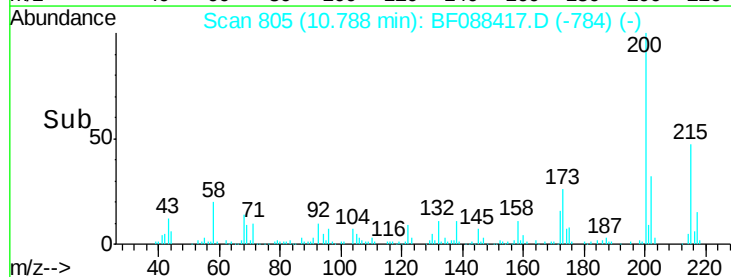
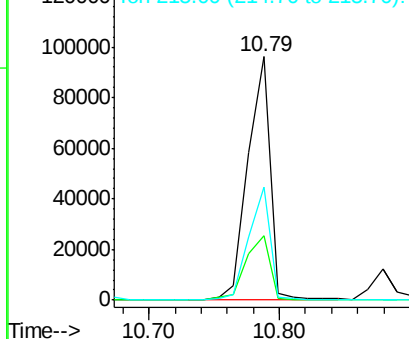


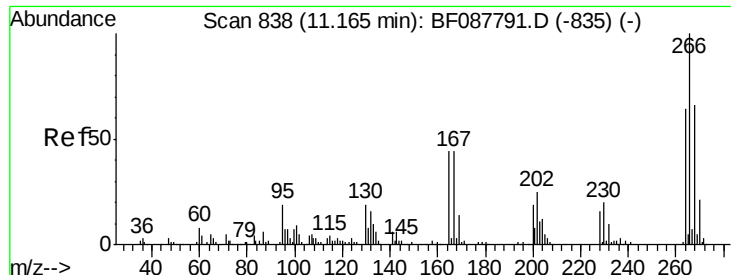
#68
Atrazine
Concen: 42.19 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.06 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

Tgt Ion:200 Resp: 114590
Ion Ratio Lower Upper
200 100
173 26.3 4.0 44.0
215 46.7 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

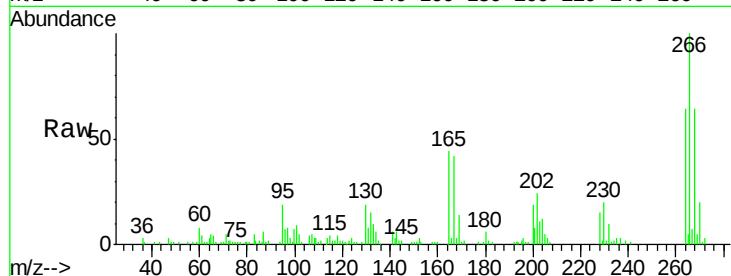




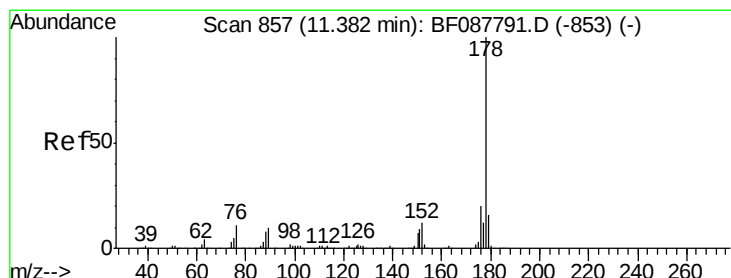
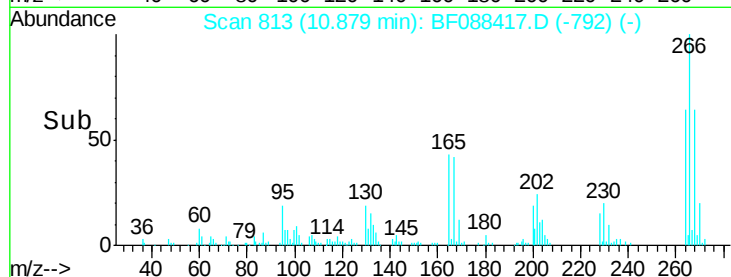
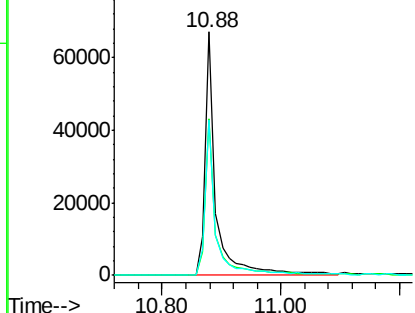
#69
 Pentachlorophenol
 Concen: 56.05 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.06 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

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

Tot Ion:266 Resp: 89026
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.8 79.2
 264 63.7 49.6 74.4

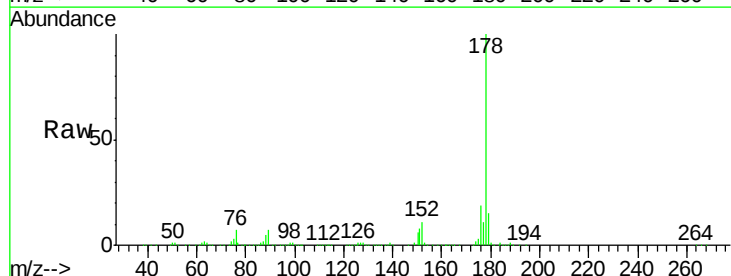


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

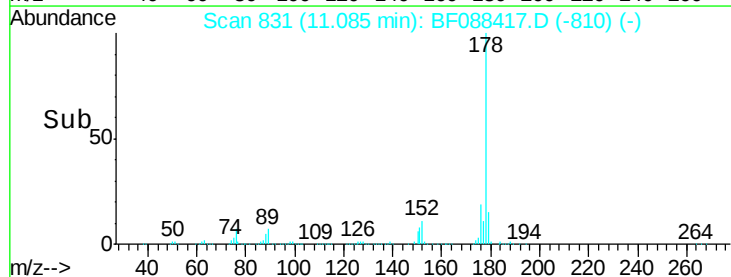
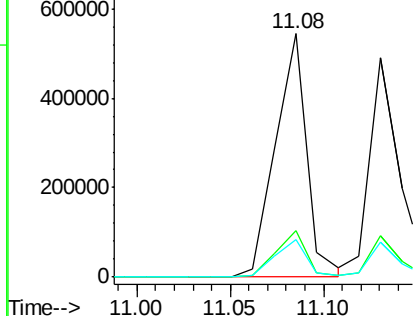


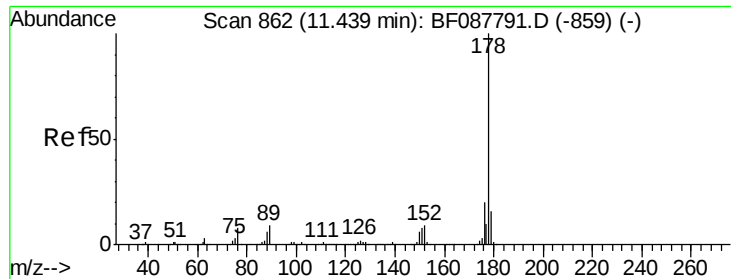
#70
 Phenanthrene
 Concen: 44.69 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.06 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

Tgt Ion:178 Resp: 633966
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 15.4 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

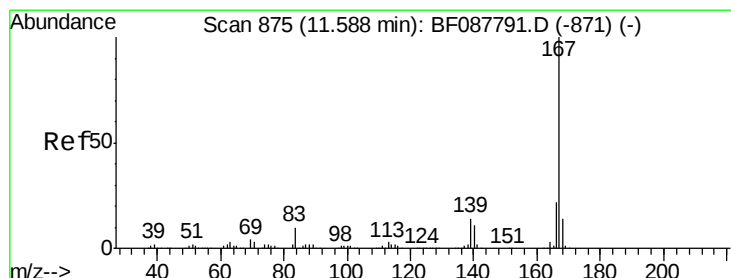
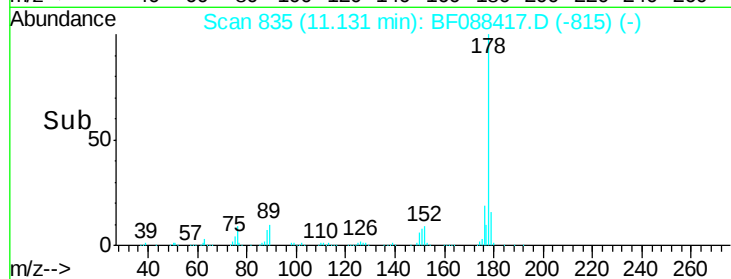
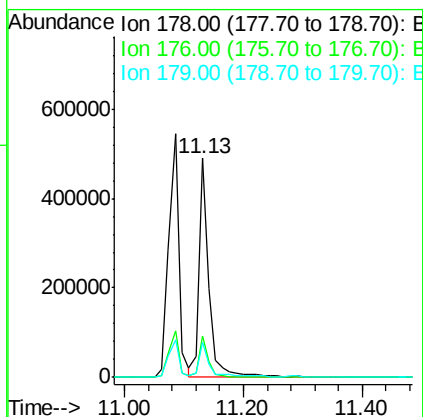
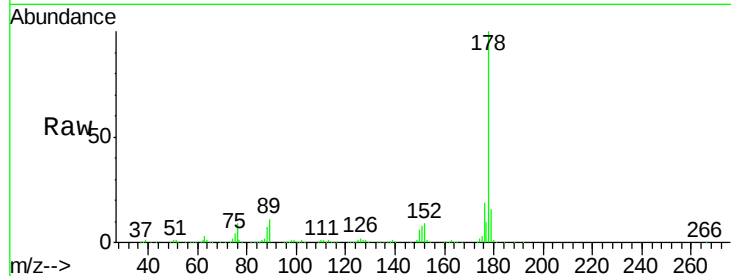




#71
 Anthracene
 Concen: 40.50 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.07 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

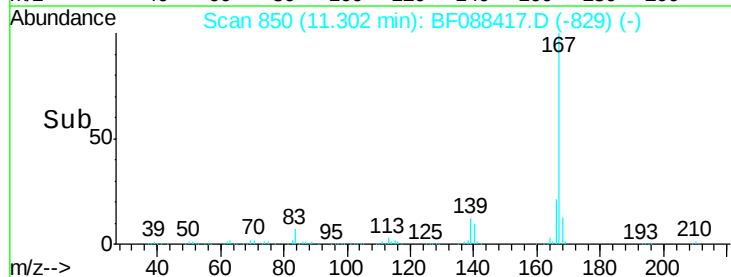
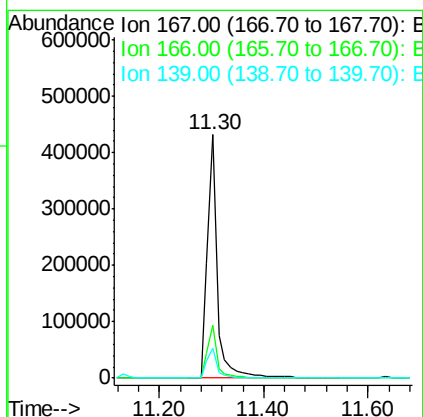
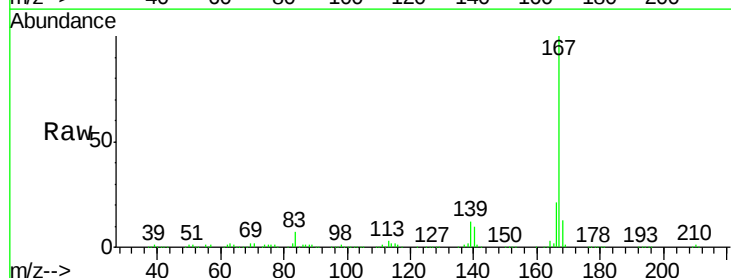
Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MS

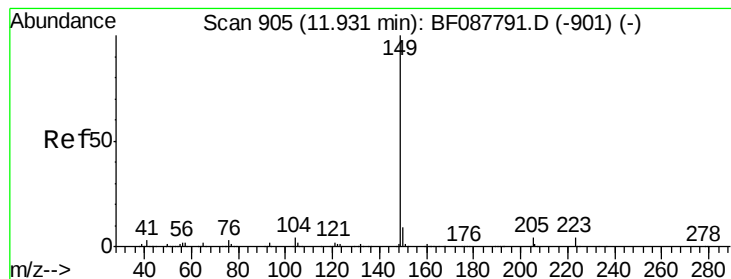
Tot Ion:178 Resp: 579523
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 15.7 12.8 19.2



#72
 Carbazole
 Concen: 42.23 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.06 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

Tgt Ion:167 Resp: 565504
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 12.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 38.92 ng

RT: 11.63 min Scan# 879

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

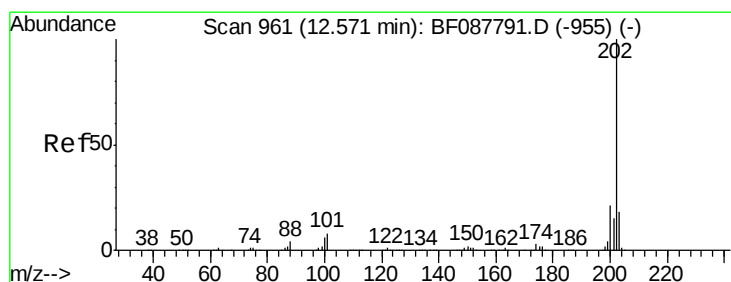
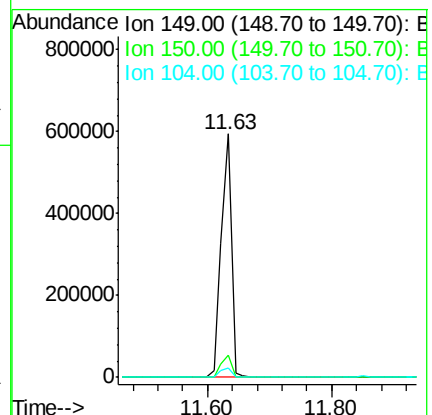
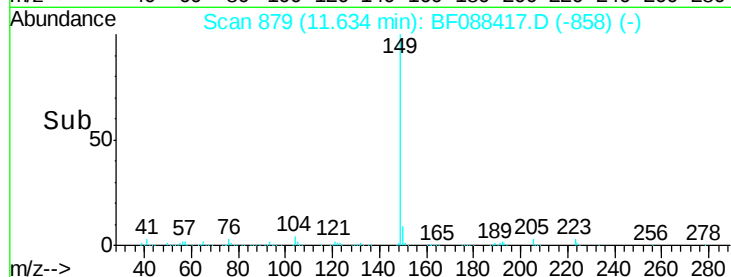
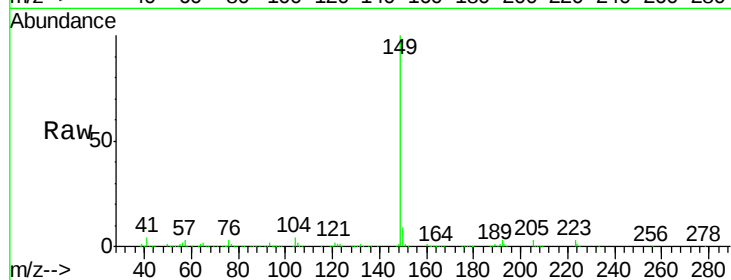
BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

Tot Ion:149 Resp: 659677

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.0	4.0	6.0



#74

Fluoranthene

Concen: 53.29 ng

RT: 12.26 min Scan# 934

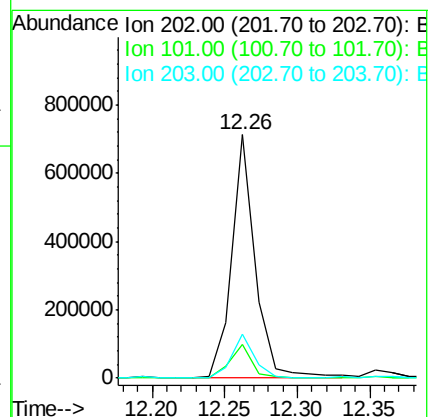
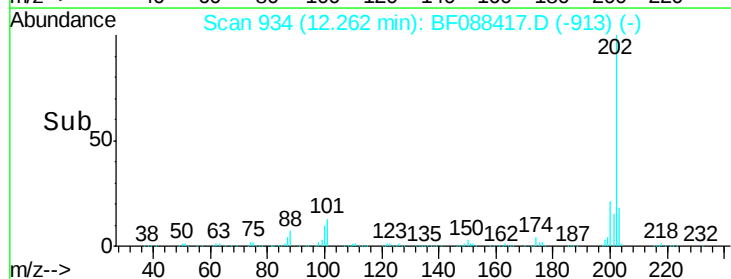
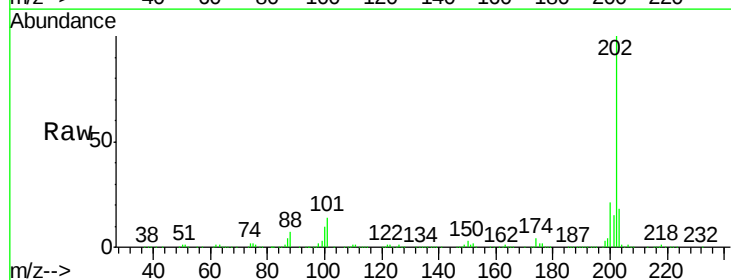
Delta R.T. -0.06 min

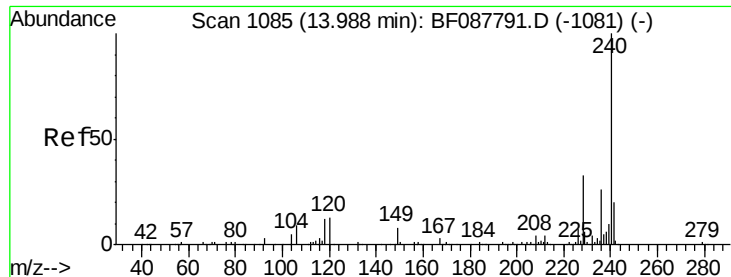
Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Tgt Ion:202 Resp: 797676

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

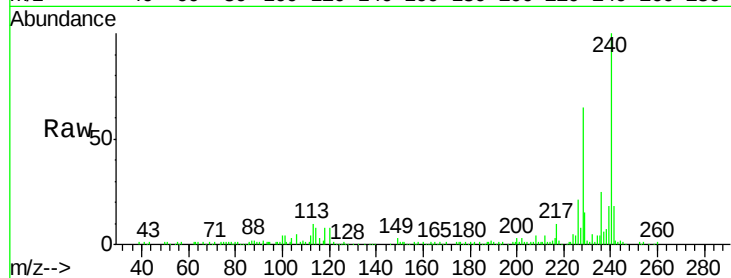
Tot Ion:240 Resp: 181775

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

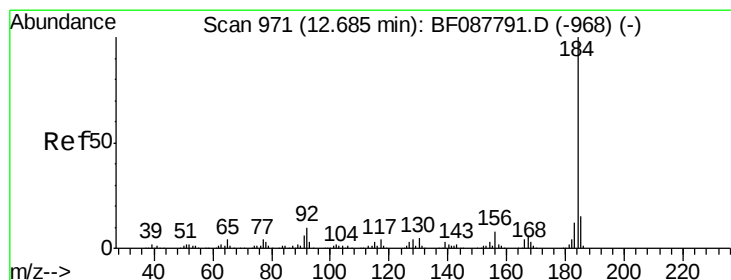
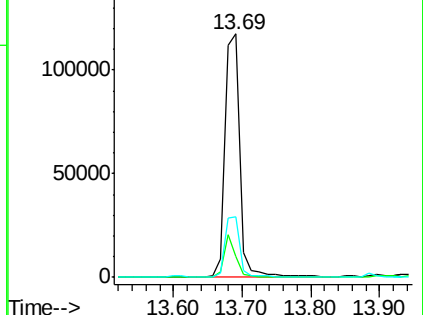
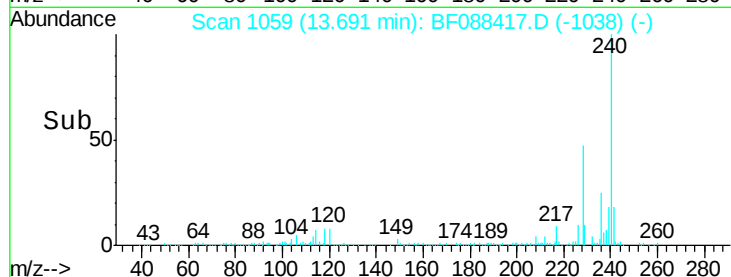
236 24.7 20.2 30.2



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: 17.06 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

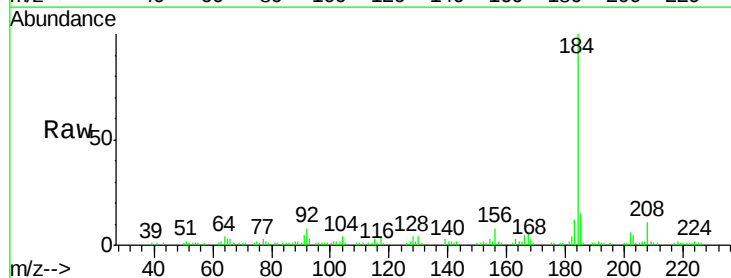
Tgt Ion:184 Resp: 85845

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

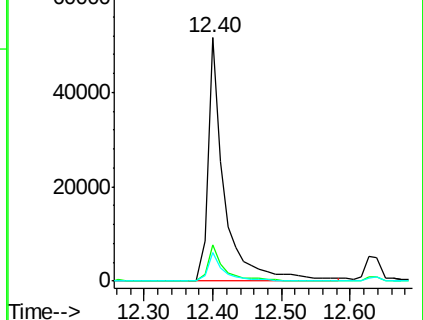
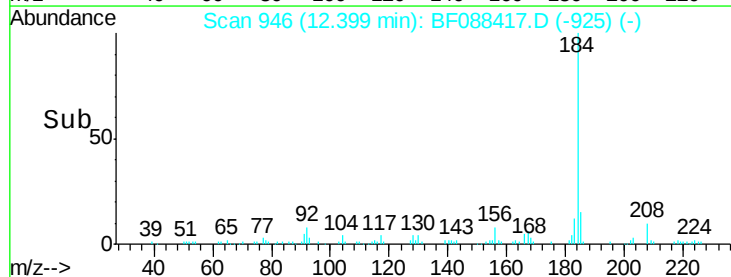
183 11.8 9.3 13.9

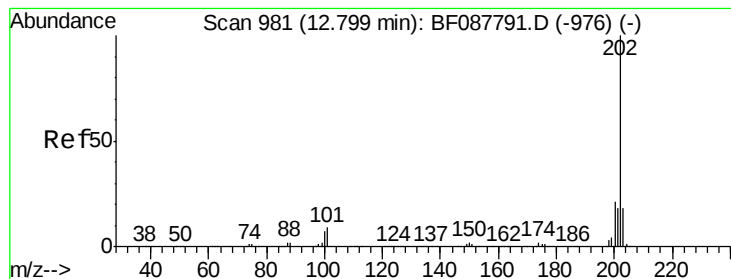


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 62.28 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

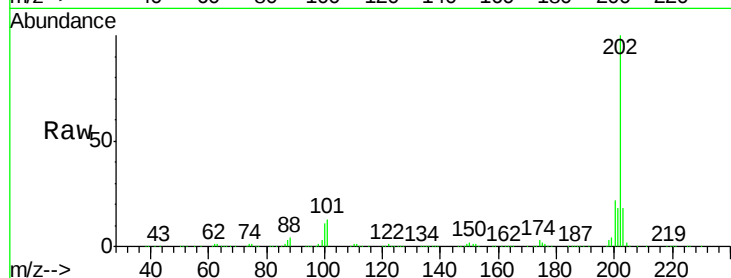
Tot Ion:202 Resp: 840093

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

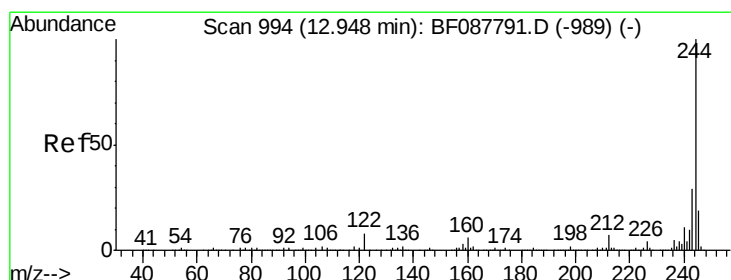
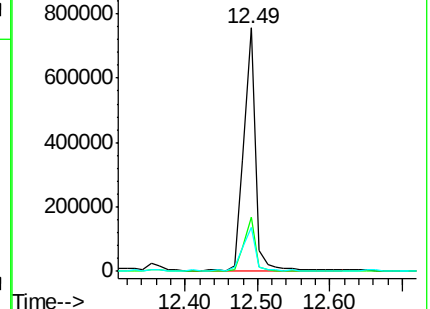
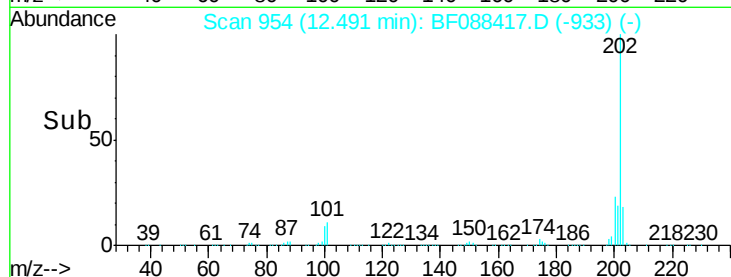
203 17.8 14.5 21.7



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: 67.37 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.06 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

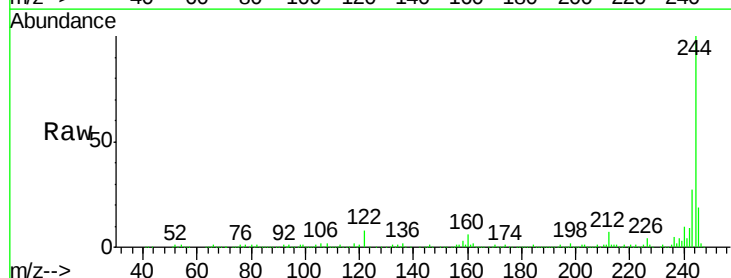
Tgt Ion:244 Resp: 538199

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

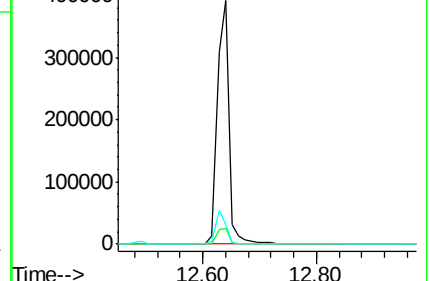
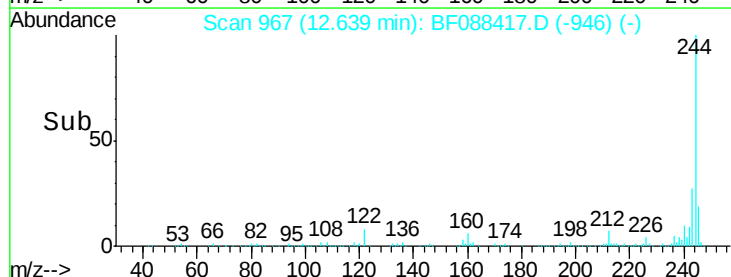
122 7.8 11.2 16.8#

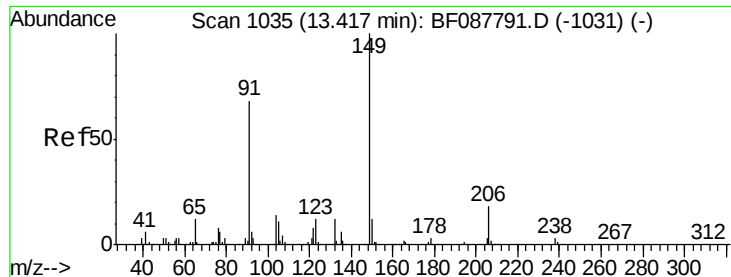


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

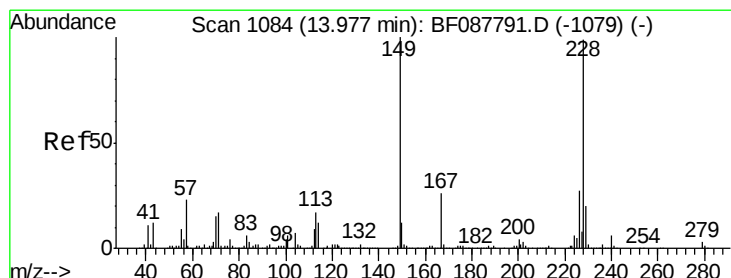
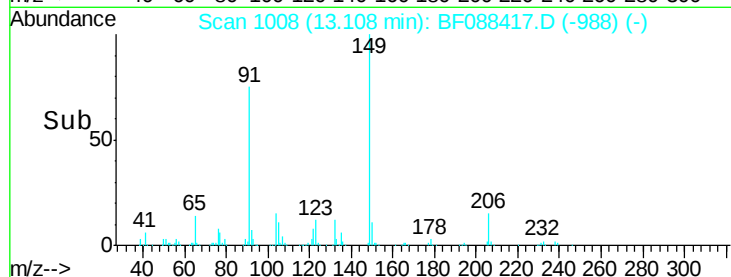
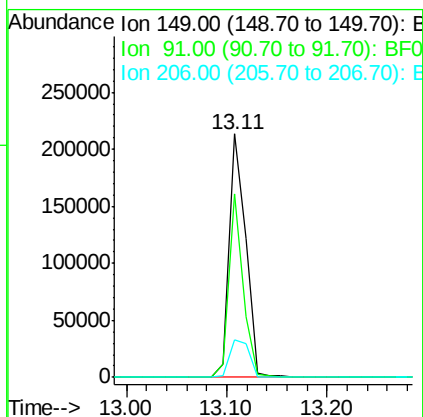
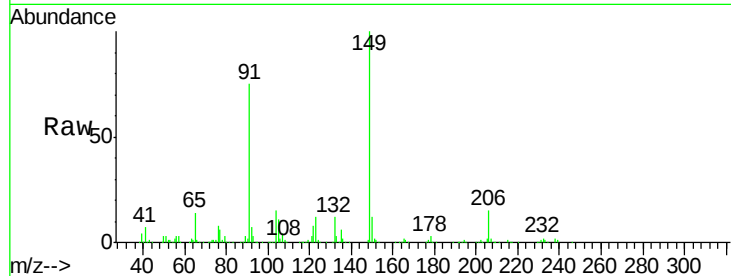




#79
Butylbenzylphthalate
Concen: 41.05 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.07 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

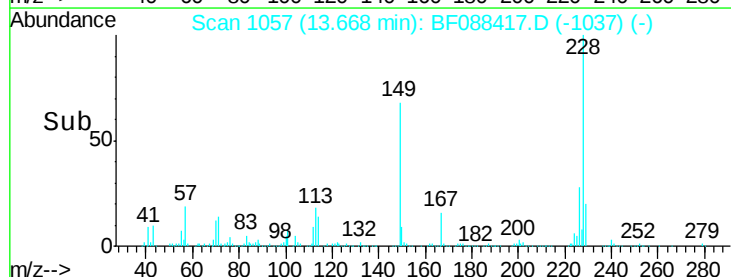
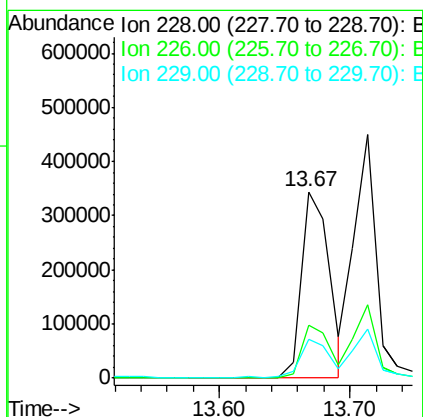
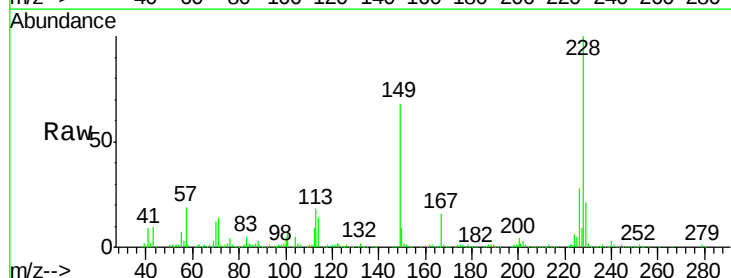
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MS

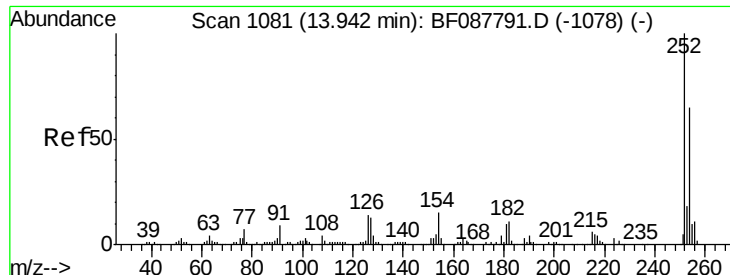
Tot Ion:149 Resp: 244787
Ion Ratio Lower Upper
149 100
91 75.4 48.0 72.0#
206 15.3 16.0 24.0#



#80
Benzo(a)anthracene
Concen: 49.31 ng
RT: 13.67 min Scan# 1057
Delta R.T. -0.07 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

Tgt Ion:228 Resp: 510793
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 20.9 16.0 24.0

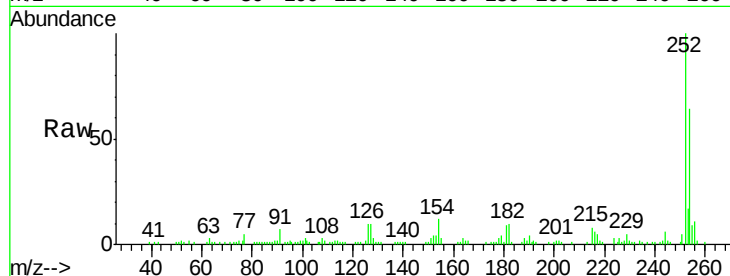




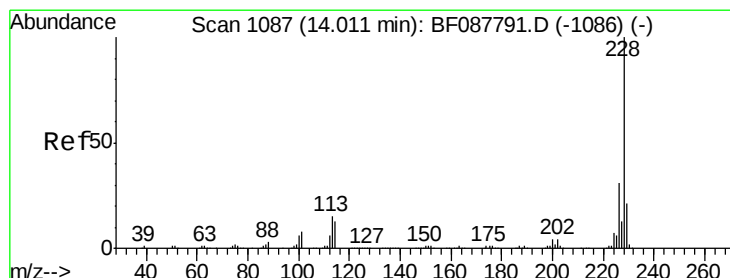
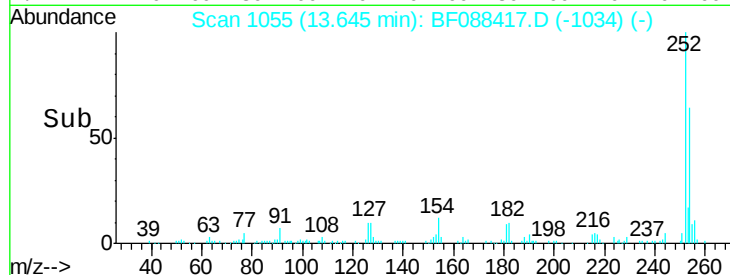
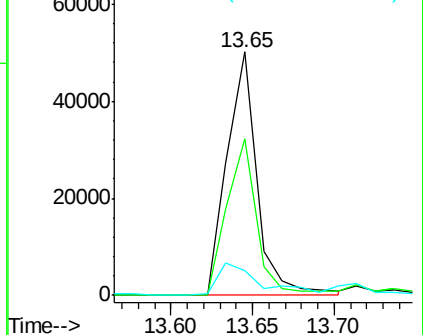
#81
 3,3'-Dichlorobenzidine
 Concen: 22.86 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.06 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

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

Tot Ion:252 Resp: 63688
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.6 78.8
 126 10.0 6.2 9.2#

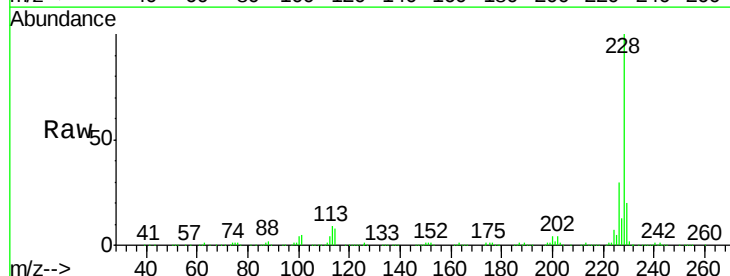


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

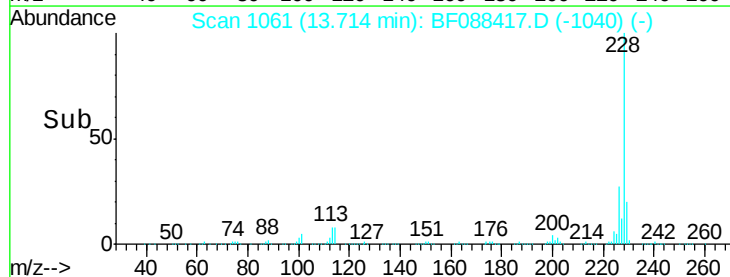
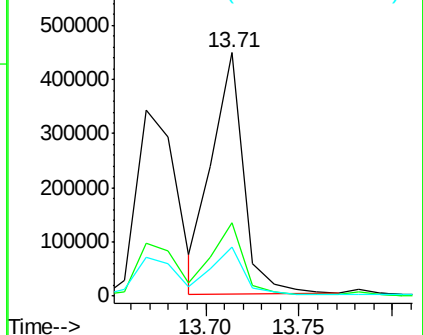


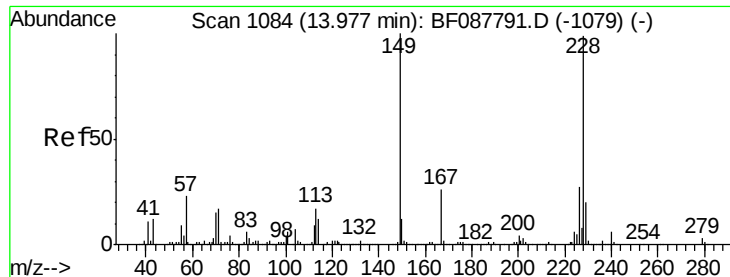
#82
 Chrysene
 Concen: 53.61 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.06 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

Tgt Ion:228 Resp: 522426
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.4 38.2
 229 20.1 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

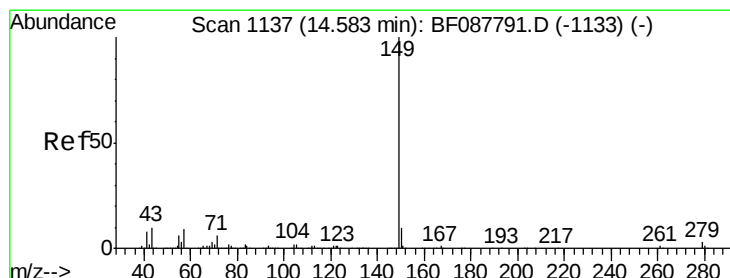
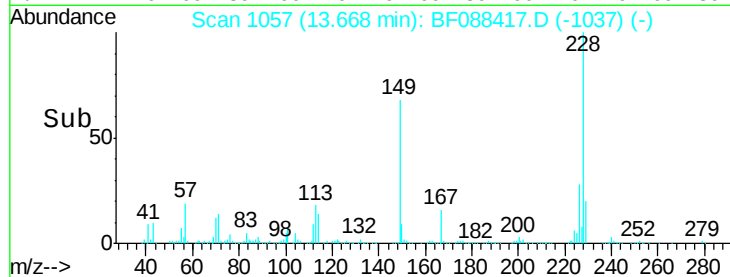
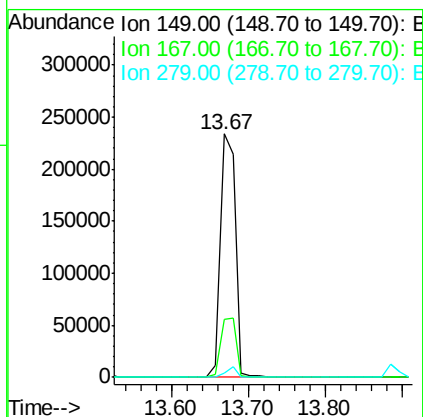
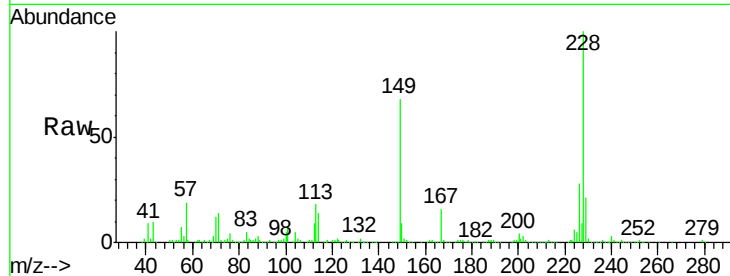




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.46 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.07 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

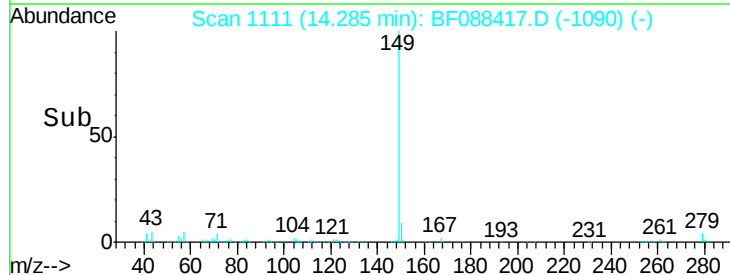
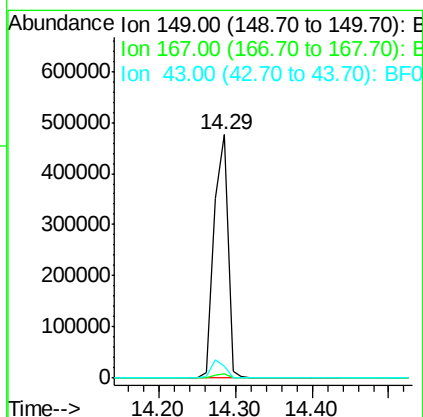
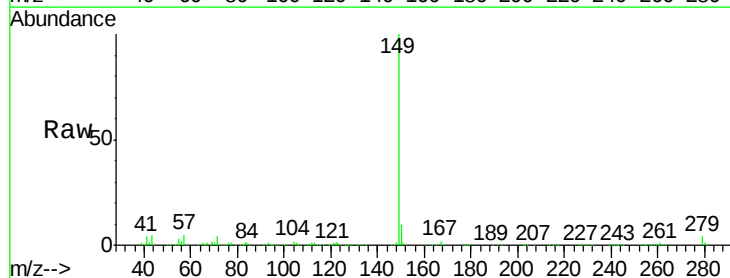
Instrument :
 BNA_F
 ClientSampleId :
 SC-STA-1501(0-4)MS

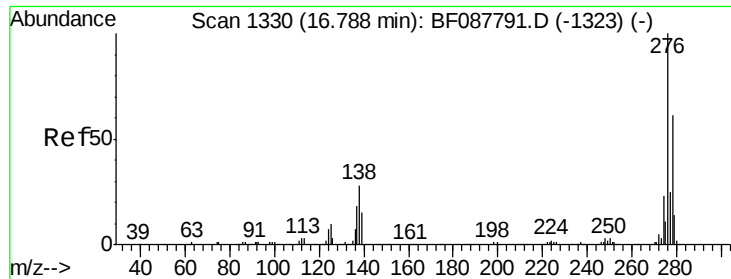
Tot Ion:149 Resp: 322784
 Ion Ratio Lower Upper
 149 100
 167 24.0 20.5 30.7
 279 2.0 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 50.24 ng
 RT: 14.29 min Scan# 1111
 Delta R.T. -0.06 min
 Lab File: BF088417.D
 Acq: 26 Jun 2016 14:37

Tgt Ion:149 Resp: 592621
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 6.9 0.0 0.0#

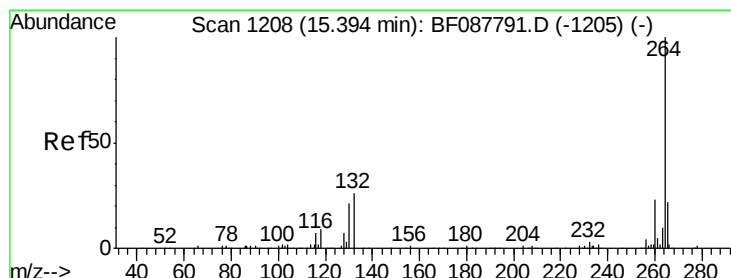
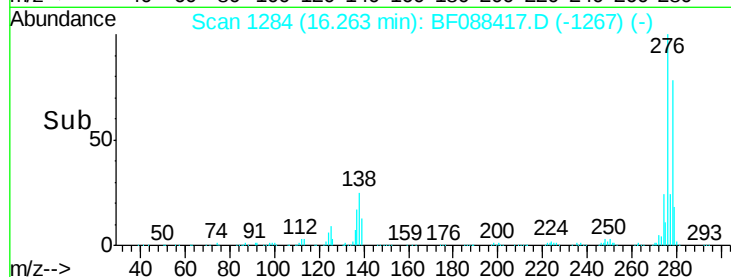
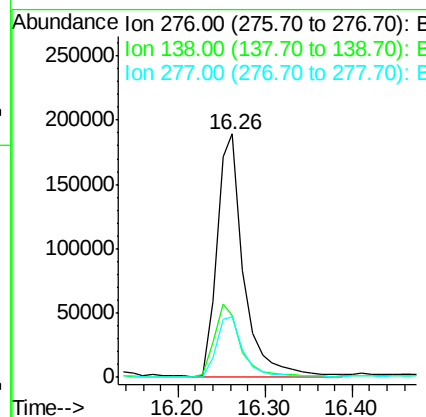
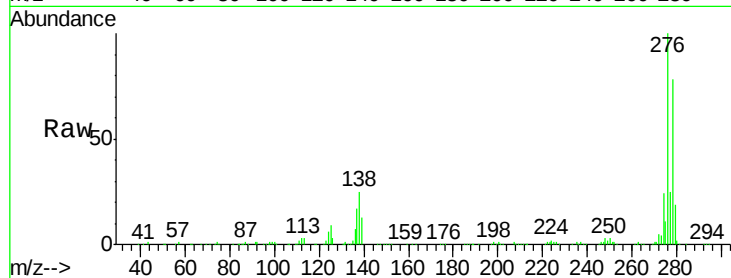




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.45 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.10 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

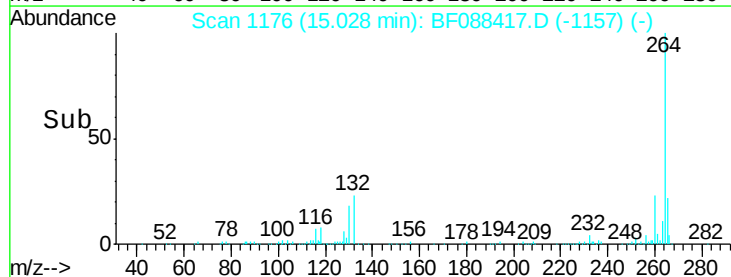
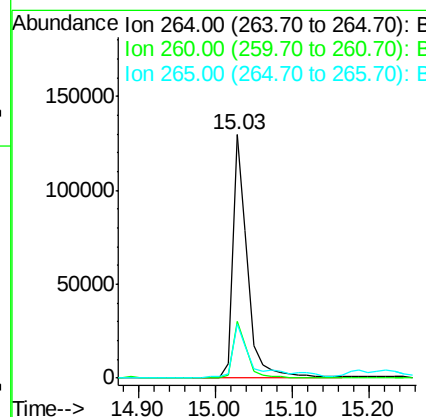
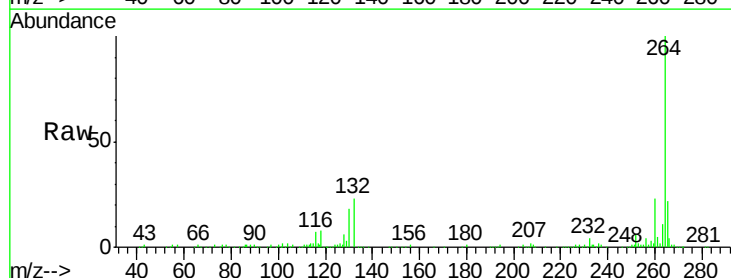
Instrument :
BNA_F
ClientSampleId :
SC-STA-1501(0-4)MS

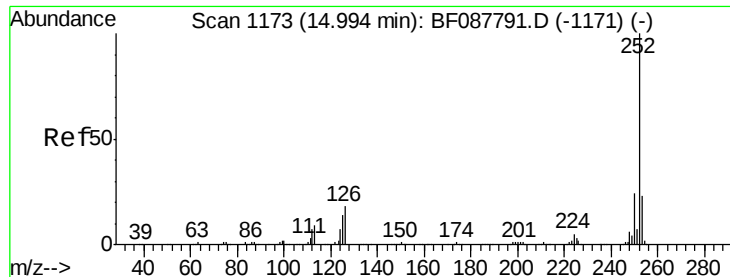
Tot Ion:276 Resp: 402416
Ion Ratio Lower Upper
276 100
138 29.3 0.0 0.0#
277 24.7 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088417.D
Acq: 26 Jun 2016 14:37

Tgt Ion:264 Resp: 175748
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 22.0 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 70.41 ng

RT: 14.67 min Scan# 1145

Delta R.T. -0.07 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

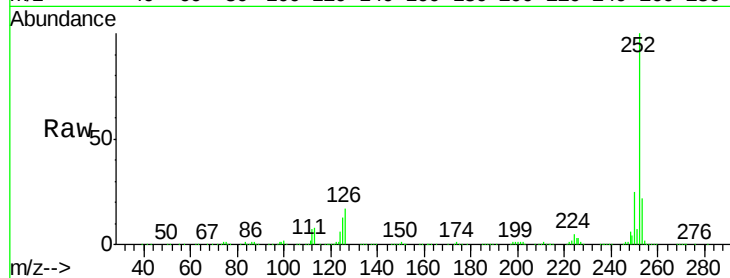
Tot Ion:252 Resp: 862490

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

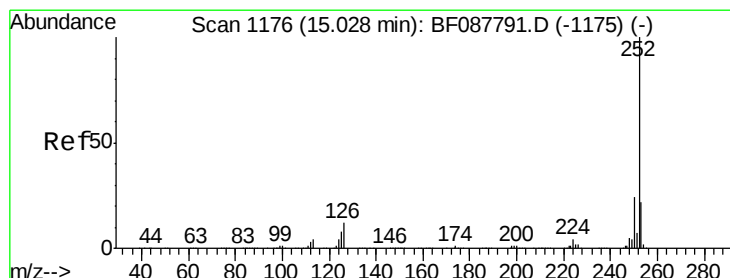
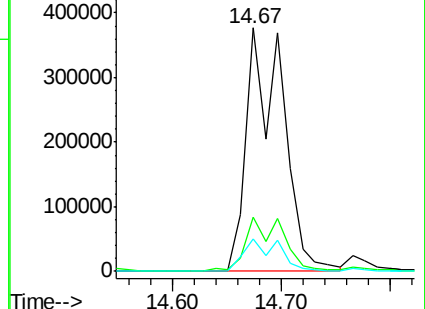
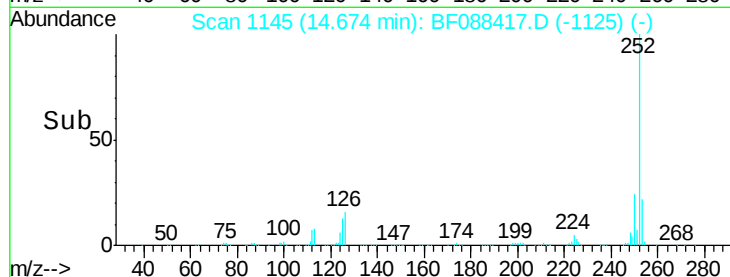
125 13.1 7.1 10.7#



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: 93.34 ng

RT: 14.67 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

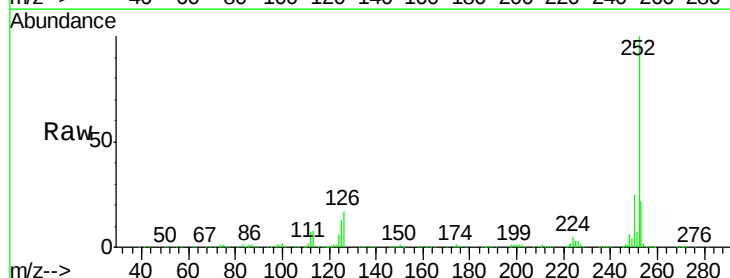
Tgt Ion:252 Resp: 862490

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

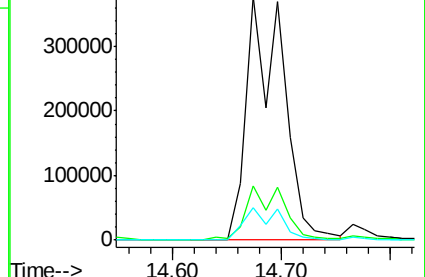
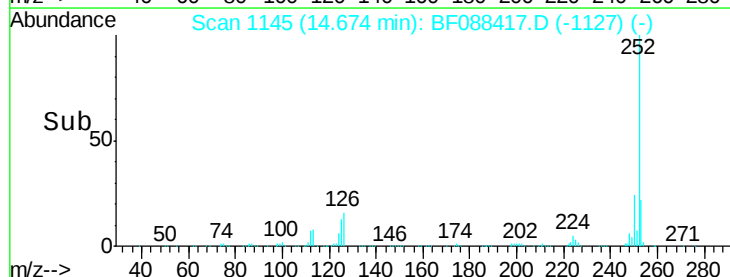
125 13.1 11.2 16.8

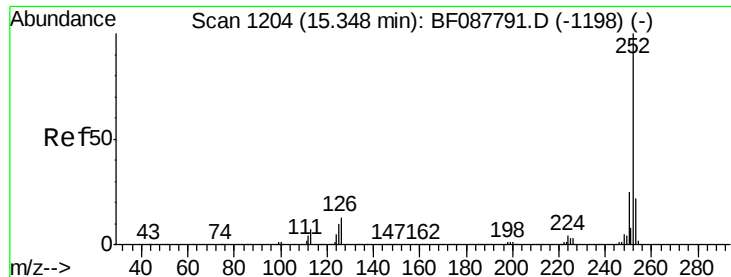


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 6.77 ng

RT: 14.93 min Scan# 1167

Delta R.T. -0.13 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

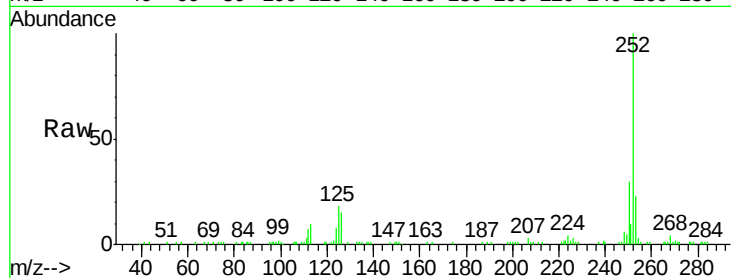
BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

Tot Ion:252 Resp: 67077

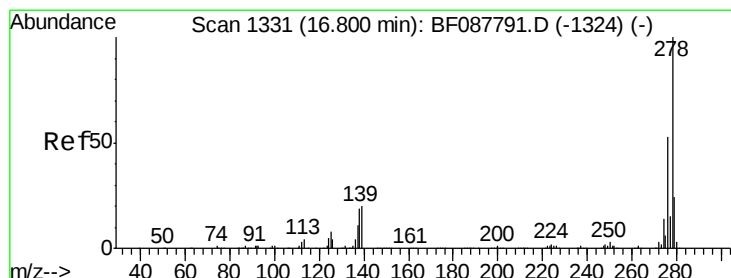
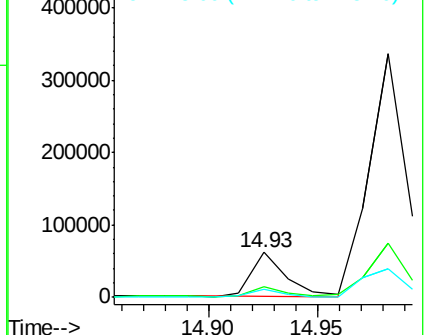
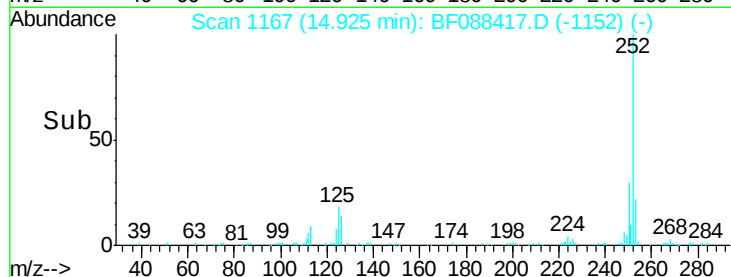
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	18.1	12.5	18.7



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



#90

Dibenzo(a,h)anthracene

Concen: 34.80 ng

RT: 16.26 min Scan# 1284

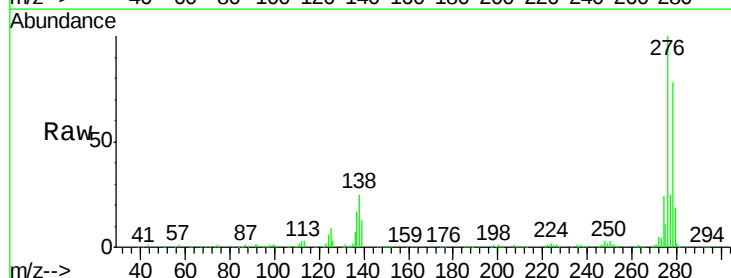
Delta R.T. -0.10 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Tgt Ion:278 Resp: 320300

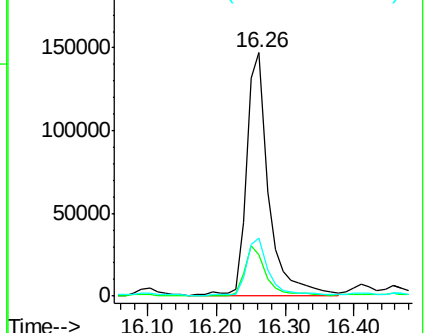
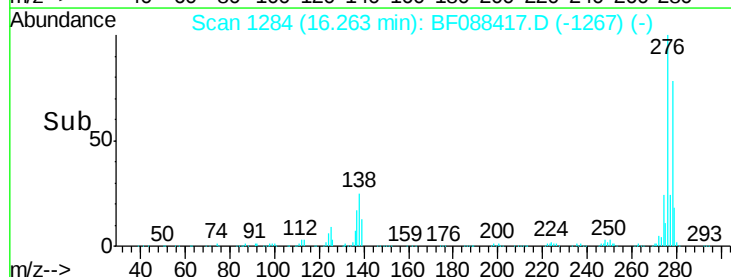
Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.7	23.5
279	23.9	19.4	29.2

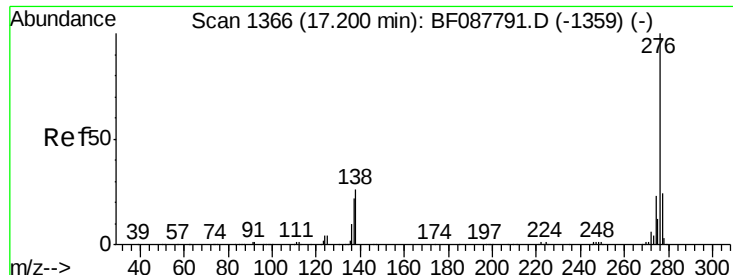


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.98 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.13 min

Lab File: BF088417.D

Acq: 26 Jun 2016 14:37

Instrument :

BNA_F

ClientSampleId :

SC-STA-1501(0-4)MS

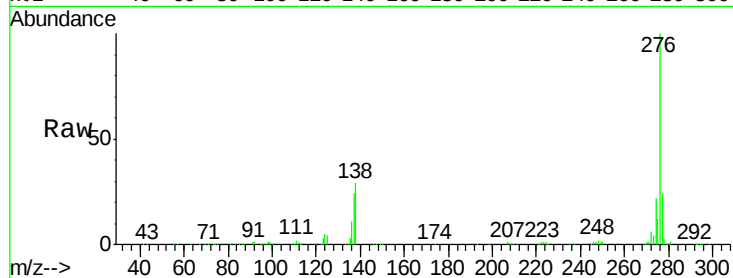
Tot Ion: 276 Resp: 340686

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 28.5 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

