

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084327.D
 Acq On : 8 Jan 2016 14:50
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 08 22:11:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	350401	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1393879	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	679001	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	1265221	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	908142	20.00	ng	-0.03
86) Perylene-d12	15.45	264	697784	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1603228	74.01	ng	-0.03
7) Phenol-d6	6.51	99	2094160	76.97	ng	-0.02
23) Nitrobenzene-d5	7.44	82	2089448	83.43	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	476918	69.57	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	3139215	81.04	ng	-0.03
78) Terphenyl-d14	12.98	244	3163923	77.77	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.44	88	401479	39.12	ng	# 73
3) Pyridine	3.17	79	1161338	40.59	ng	# 71
4) n-Nitrosodimethylamine	3.14	42	597414	40.68	ng	# 75
6) Aniline	6.53	93	1473309	37.02	ng	# 78
8) 2-Chlorophenol	6.65	128	943561	38.39	ng	89
9) Benzaldehyde	6.41	77	678444	38.30	ng	98
10) Phenol	6.52	94	1198755	38.75	ng	75
11) bis(2-Chloroethyl)ether	6.60	93	929280	38.78	ng	84
12) 1,3-Dichlorobenzene	7.04	146	980449	38.67	ng	97
13) 1,4-Dichlorobenzene	6.88	146	966823	38.03	ng	99
14) 1,2-Dichlorobenzene	7.04	146	980656	40.27	ng	98
15) Benzyl Alcohol	7.01	79	908173	39.68	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1628931	37.33	ng	88
17) 2-Methylphenol	7.13	107	777094	37.72	ng	93
18) Hexachloroethane	7.38	117	411419	40.47	ng	# 81
19) n-Nitroso-di-n-propylamine	7.29	70	634697	34.46	ng	# 73
20) 3+4-Methylphenols	7.29	107	986233	40.73	ng	# 83
22) Acetophenone	7.28	105	1252708	37.37	ng	# 90
24) Nitrobenzene	7.45	77	943603	37.15	ng	93
25) Isophorone	7.70	82	1944631	40.60	ng	96
26) 2-Nitrophenol	7.77	139	569711	49.28	ng	93
27) 2,4-Dimethylphenol	7.81	122	971068	41.50	ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	1186154	40.54	ng	99
29) 2,4-Dichlorophenol	8.01	162	753224	38.64	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	805043	40.00	ng	96
31) Naphthalene	8.17	128	2376192	37.57	ng	98
32) Benzoic acid	7.94	122	390533	28.81	ng	98
33) 4-Chloroaniline	8.22	127	1246055	42.98	ng	97
34) Hexachlorobutadiene	8.29	225	485357	41.96	ng	96
35) Caprolactam	8.61	113	246949	37.58	ng	# 44
36) 4-Chloro-3-methylphenol	8.72	107	961453	44.03	ng	95
37) 2-Methylnaphthalene	8.86	142	1901206	41.88	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	715890	36.67	ng	98
40) Hexachlorocyclopentadiene	9.01	237	429973	36.49	ng	97

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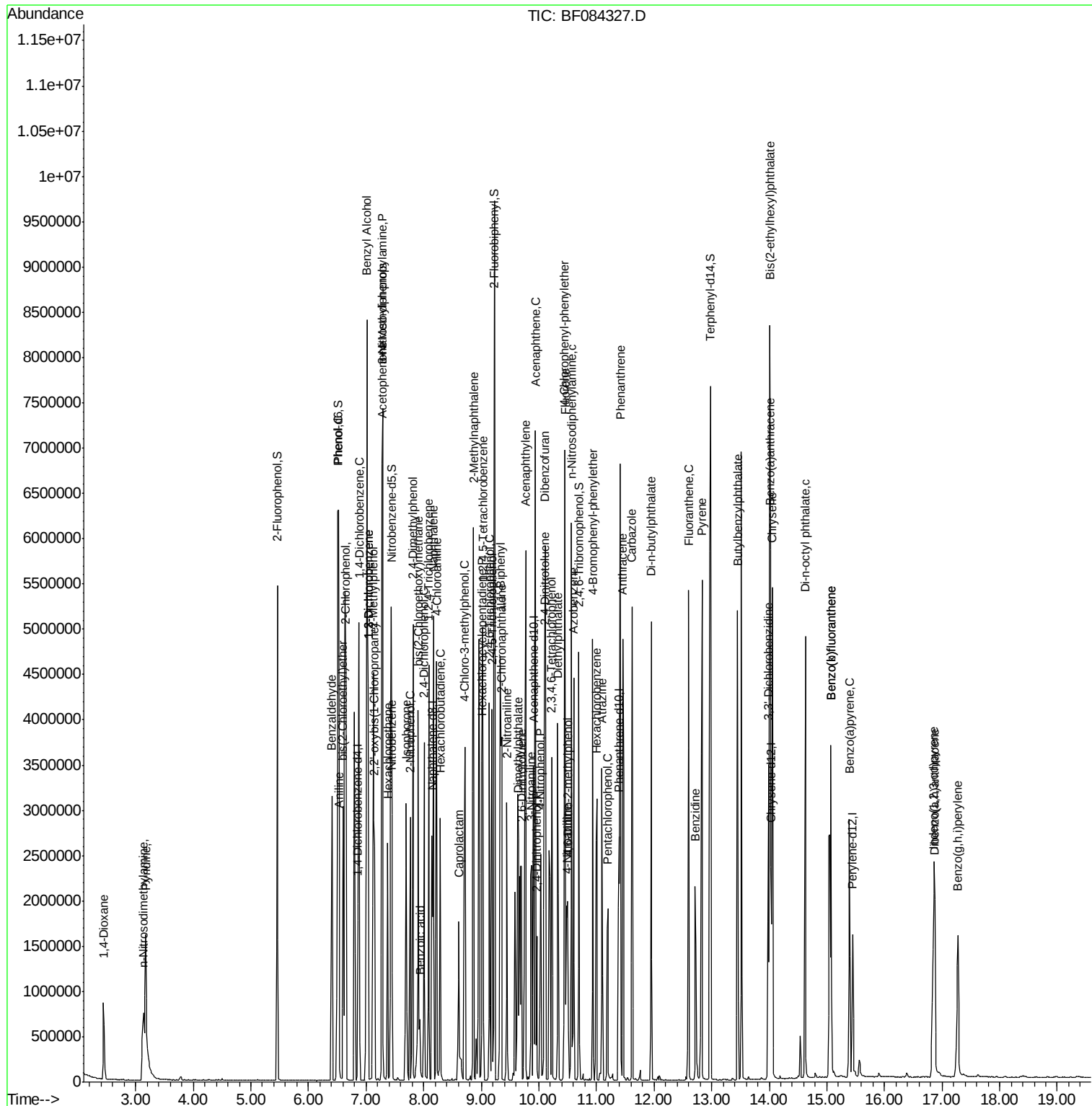
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	529968	36.29	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	564005	40.29	ng #	87
45) 1,1'-Biphenyl	9.33	154	2185225	40.49	ng	96
46) 2-Chloronaphthalene	9.36	162	1680033	39.63	ng #	88
47) 2-Nitroaniline	9.45	65	545773	39.01	ng	97
48) Acenaphthylene	9.77	152	2380168	38.01	ng #	95
49) Dimethylphthalate	9.64	163	1938060	39.93	ng #	92
50) 2,6-Dinitrotoluene	9.70	165	485724	45.62	ng	99
51) Acenaphthene	9.94	154	1624363	38.67	ng	98
52) 3-Nitroaniline	9.87	138	591032	44.80	ng #	73
53) 2,4-Dinitrophenol	9.96	184	157464	36.73	ng #	81
54) Dibenzofuran	10.11	168	2097285	38.09	ng #	89
55) 4-Nitrophenol	10.03	139	347645	36.30	ng #	78
56) 2,4-Dinitrotoluene	10.10	165	632276	46.92	ng	95
57) Fluorene	10.45	166	1724930	40.78	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	447547	37.44	ng	90
59) Diethylphthalate	10.33	149	1800470	37.62	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	703195	38.47	ng	90
61) 4-Nitroaniline	10.49	138	538788	45.82	ng	85
62) Azobenzene	10.60	77	1875817	35.73	ng	87
64) 4,6-Dinitro-2-methylphenol	10.50	198	259241	33.74	ng #	50
65) n-Nitrosodiphenylamine	10.57	169	1459294	36.07	ng	98
66) 4-Bromophenyl-phenylether	10.93	248	486243	35.71	ng #	79
67) Hexachlorobenzene	11.00	284	608789	39.72	ng #	92
68) Atrazine	11.09	200	496989	37.54	ng	99
69) Pentachlorophenol	11.20	266	304079	38.26	ng	99
70) Phenanthrene	11.41	178	2427435	36.68	ng	94
71) Anthracene	11.46	178	2573908	39.67	ng	98
72) Carbazole	11.62	167	2103373	33.16	ng	97
73) Di-n-butylphthalate	11.95	149	2524890	35.34	ng #	95
74) Fluoranthene	12.60	202	2787461	40.32	ng	94
76) Benzidine	12.72	184	1131657	34.75	ng	99
77) Pyrene	12.83	202	2809639	39.43	ng	96
79) Butylbenzylphthalate	13.45	149	1119025	36.29	ng	89
80) Benzo(a)anthracene	14.02	228	1988275	37.29	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	827181	44.45	ng #	96
82) Chrysene	14.05	228	1863383	36.37	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1413025	36.27	ng	97
84) Di-n-octyl phthalate	14.63	149	2504815	38.08	ng #	86
85) Indeno(1,2,3-cd)pyrene	16.85	276	1659176	40.85	ng	100
87) Benzo(b)fluoranthene	15.07	252	3334362	73.05	ng #	95
88) Benzo(k)fluoranthene	15.07	252	3334362	89.32	ng	99
89) Benzo(a)pyrene	15.39	252	1570157	40.56	ng #	95
90) Dibenzo(a,h)anthracene	16.88	278	1347562	40.45	ng #	94
91) Benzo(g,h,i)perylene	17.28	276	1413329	40.97	ng	99

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

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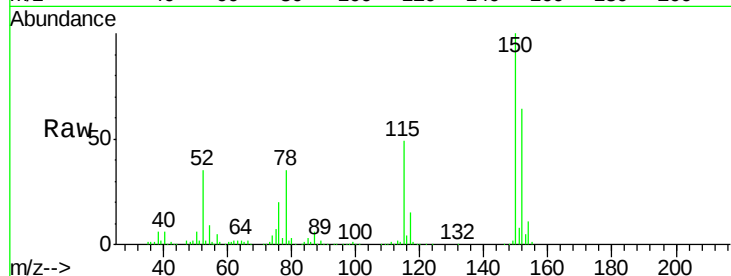


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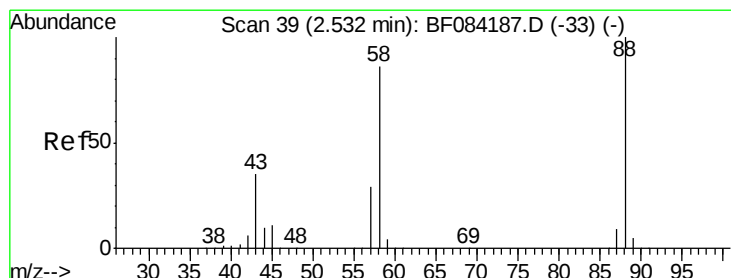
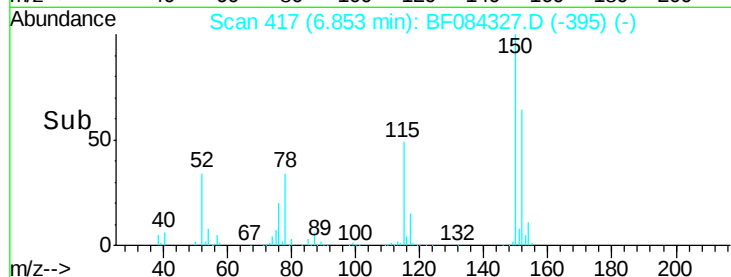
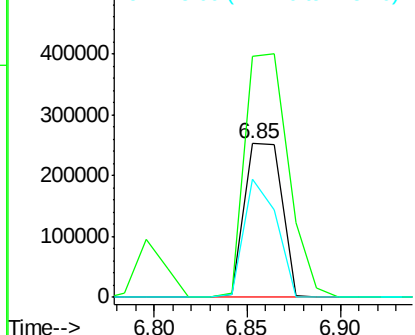
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.05 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 350401
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.0 184.4
 115 76.7 51.4 77.2



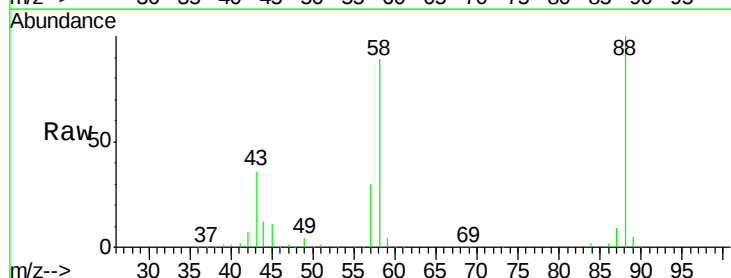
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



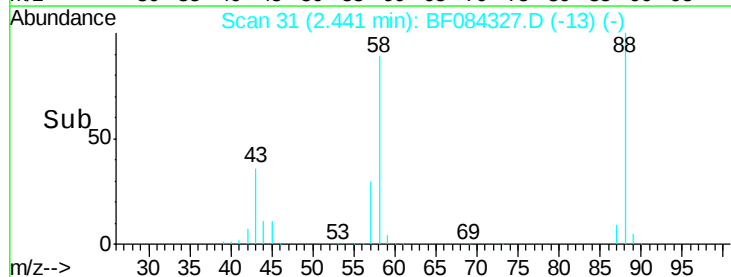
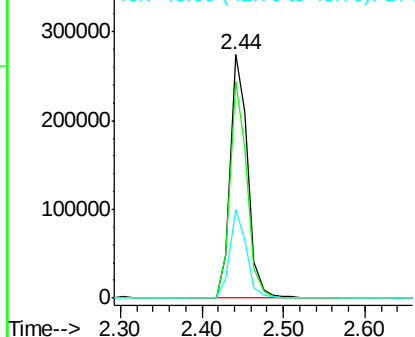
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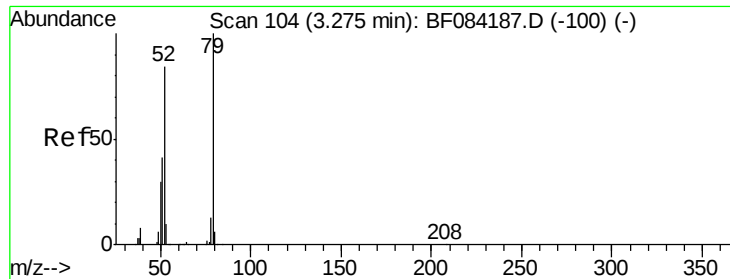
1,4-Dioxane
 Concen: 39.12 ng
 RT: 2.44 min Scan# 31
 Delta R.T. -0.09 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

Tgt Ion: 88 Resp: 401479
 Ion Ratio Lower Upper
 88 100
 58 86.6 51.2 76.8#
 43 34.7 19.5 29.3#



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

Pyridine

Concen: 40.59 ng

RT: 3.17 min Scan# 95

Delta R.T. -0.10 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

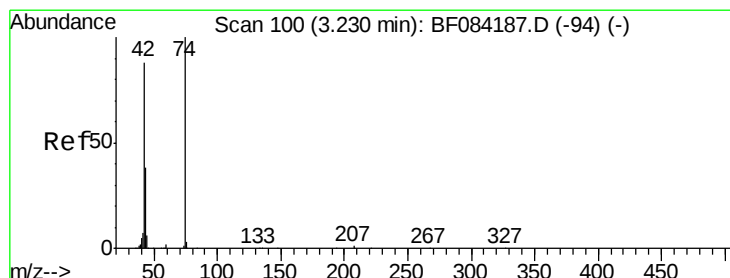
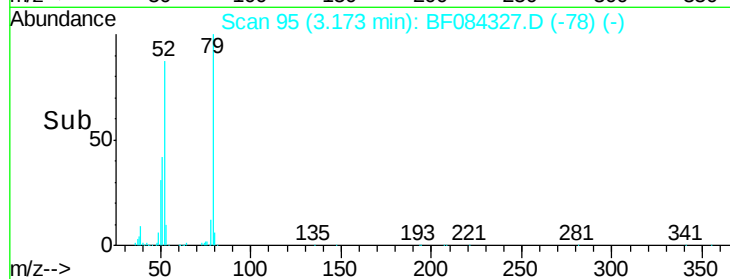
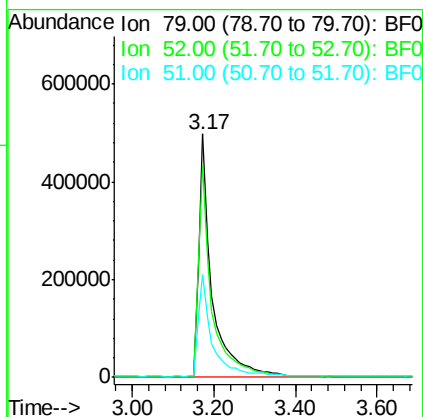
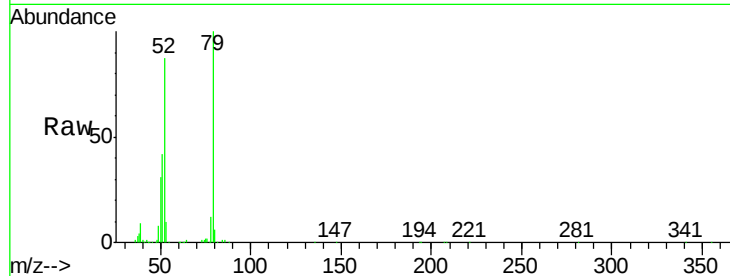
Tgt Ion: 79 Resp: 1161338

Ion Ratio Lower Upper

79 100

52 86.7 49.0 73.4#

51 42.1 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 40.68 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.09 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

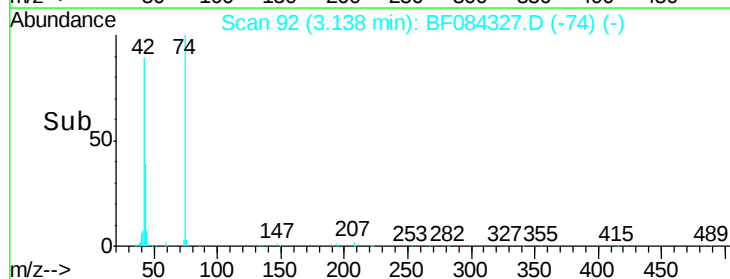
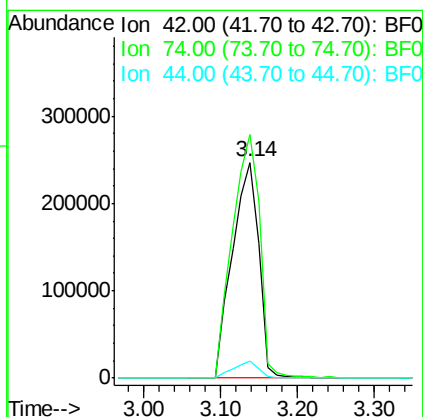
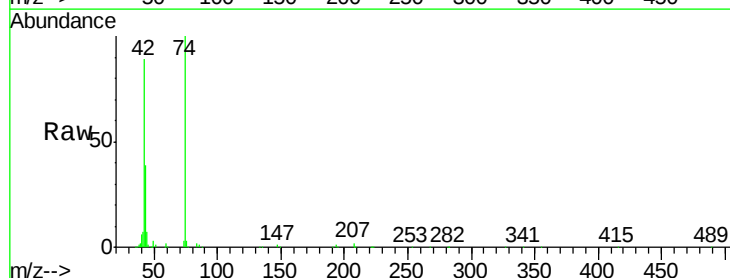
Tgt Ion: 42 Resp: 597414

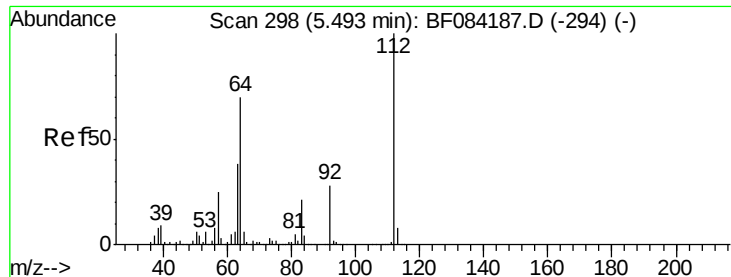
Ion Ratio Lower Upper

42 100

74 112.8 115.7 173.5#

44 7.8 5.1 7.7#





#5

2-Fluorophenol

Concen: 74.01 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

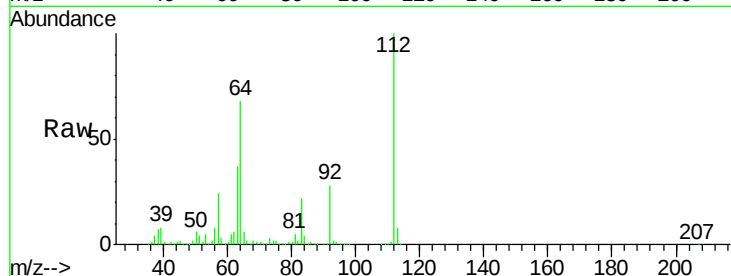
Tgt Ion:112 Resp: 1603228

Ion Ratio Lower Upper

112 100

64 68.4 36.6 55.0#

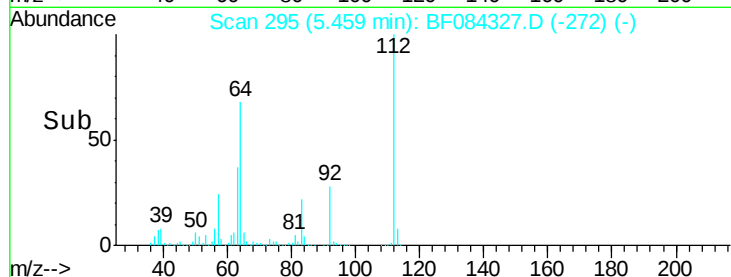
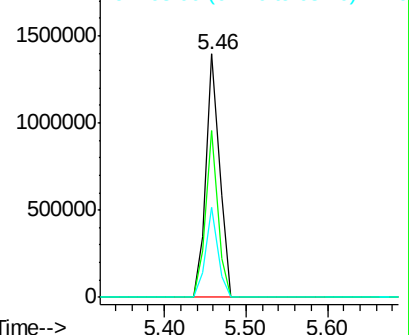
63 37.0 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.02 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

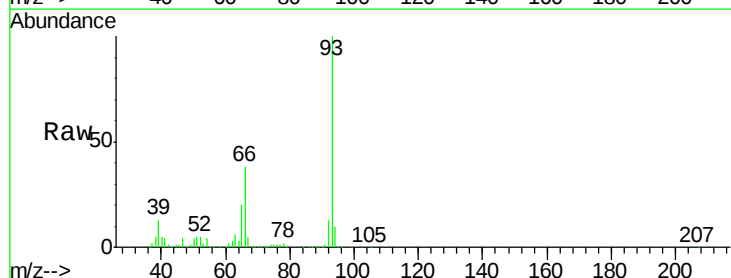
Tgt Ion: 93 Resp: 1473309

Ion Ratio Lower Upper

93 100

66 38.4 44.9 67.3#

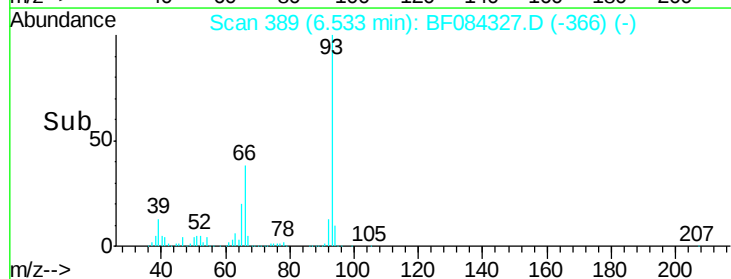
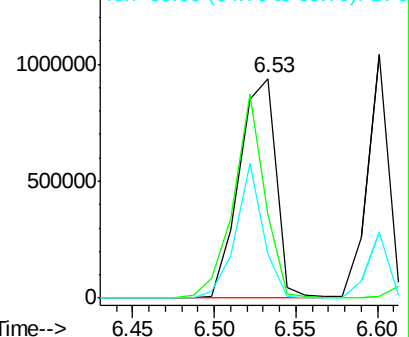
65 20.1 23.7 35.5#

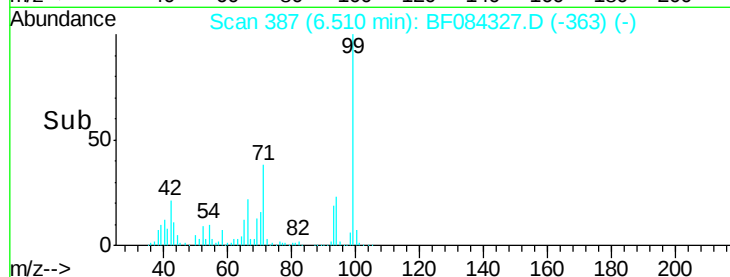
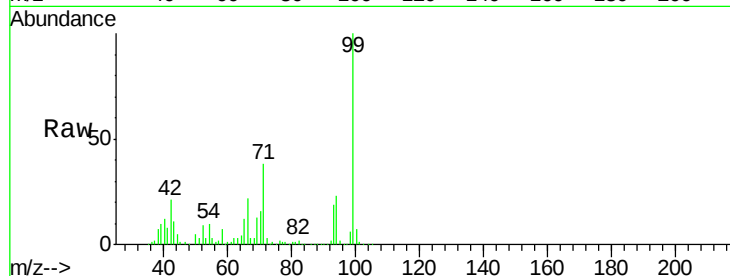
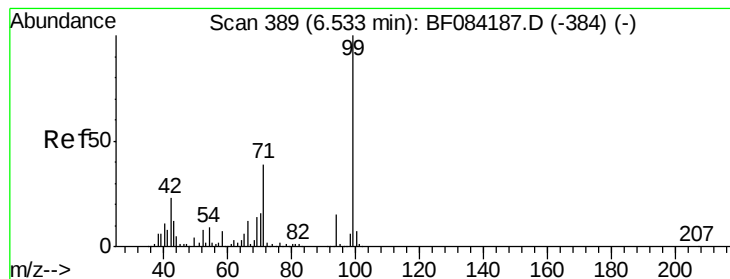


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.97 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

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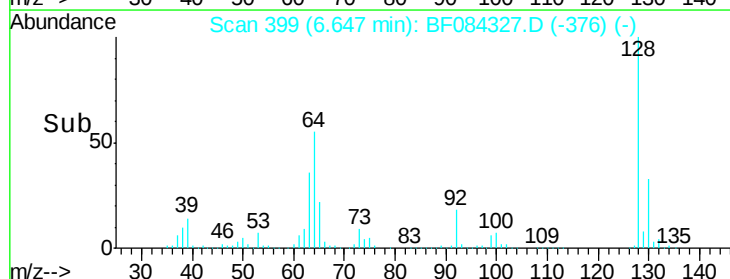
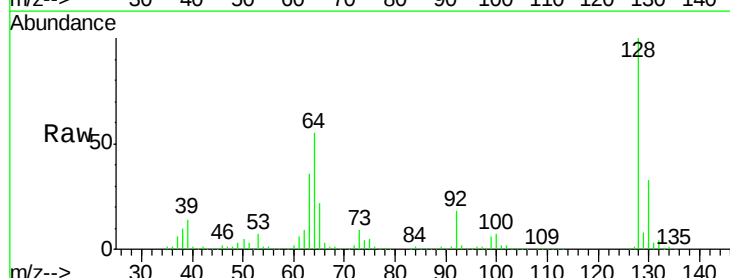
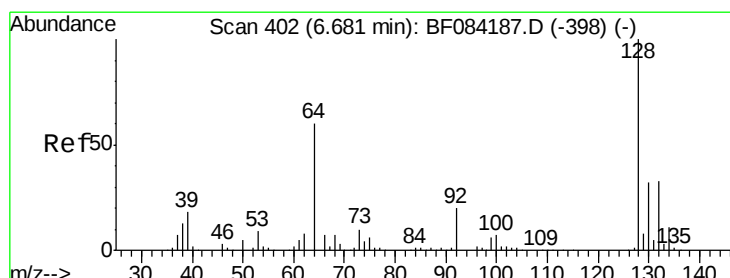
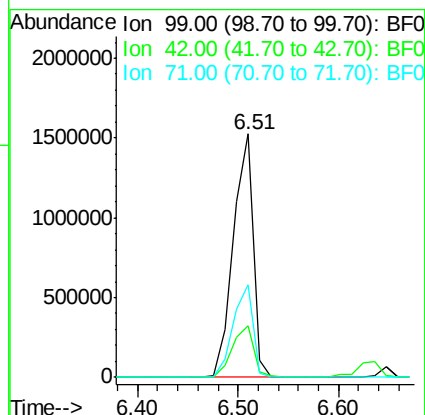
Tgt Ion: 99 Resp: 2094160

Ion Ratio Lower Upper

99 100

42 21.4 12.8 19.2#

71 37.9 30.9 46.3



#8

2-Chlorophenol

Concen: 38.39 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

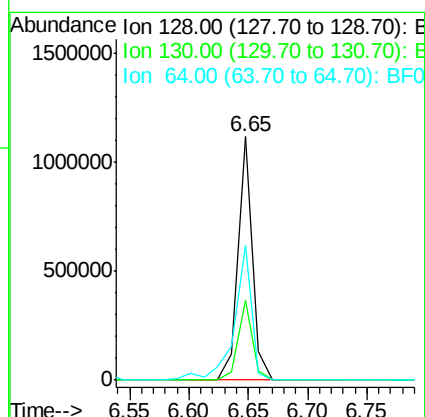
Tgt Ion: 128 Resp: 943561

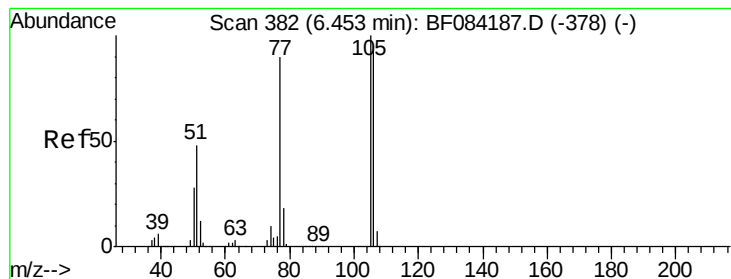
Ion Ratio Lower Upper

128 100

130 33.0 11.6 51.6

64 55.2 23.8 63.8





#9

Benzaldehyde

Concen: 38.30 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

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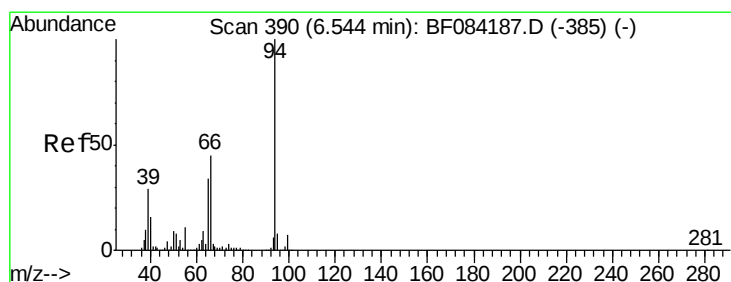
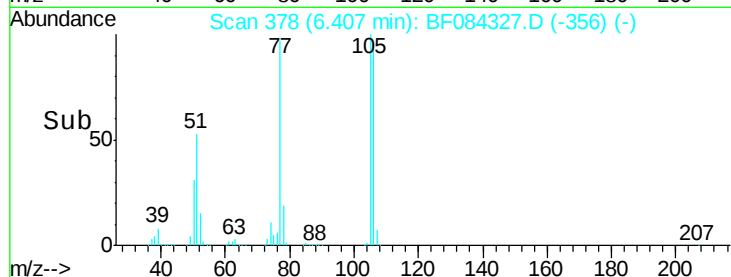
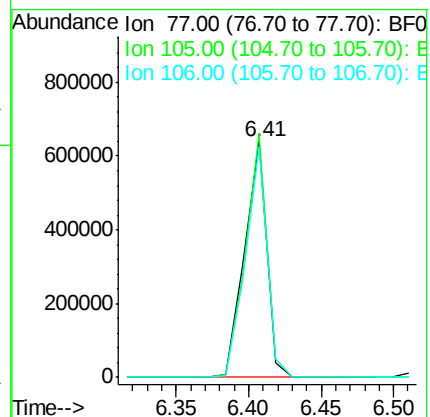
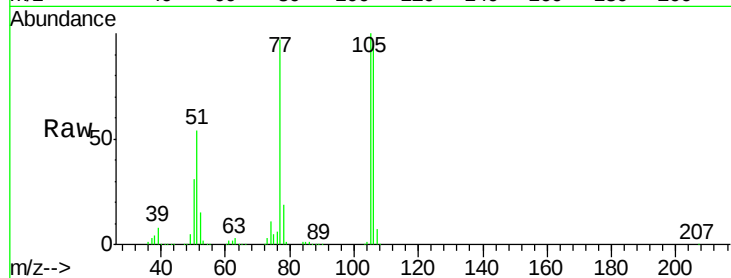
Tgt Ion: 77 Resp: 678444

Ion Ratio Lower Upper

77 100

105 103.3 83.0 123.0

106 97.9 74.6 114.6



#10

Phenol

Concen: 38.75 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

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Acq: 8 Jan 2016 14:50

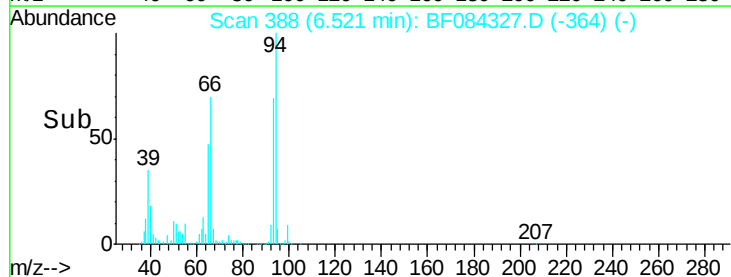
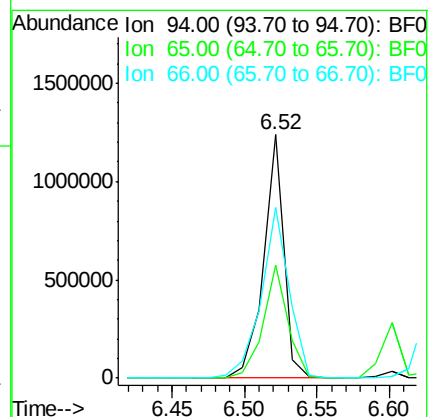
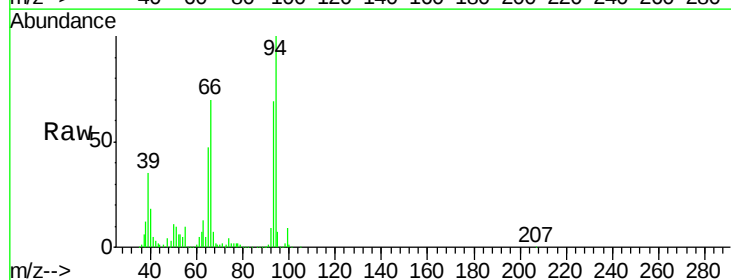
Tgt Ion: 94 Resp: 1198755

Ion Ratio Lower Upper

94 100

65 46.6 12.9 52.9

66 70.2 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 38.78 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

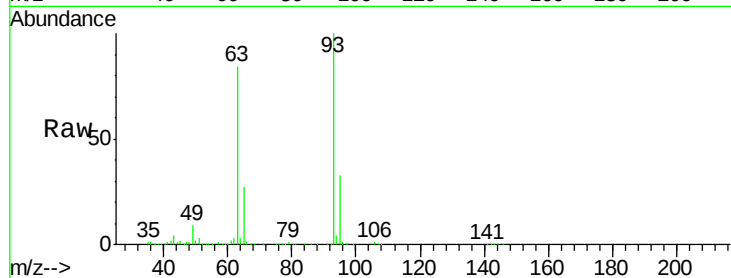
Tgt Ion: 93 Resp: 929280

Ion Ratio Lower Upper

93 100

63 84.3 45.9 85.9

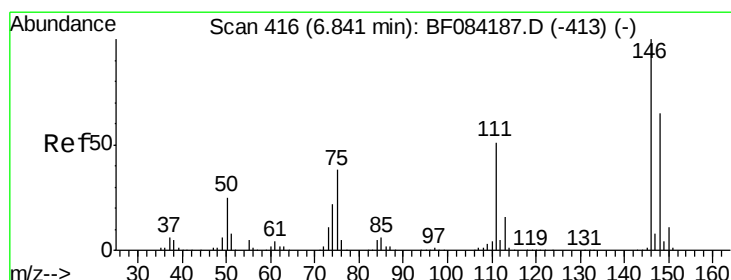
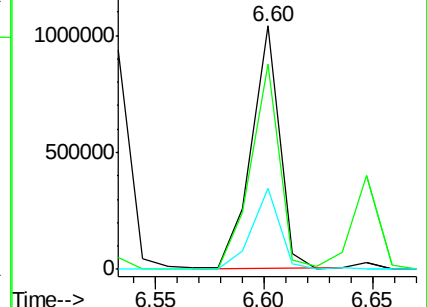
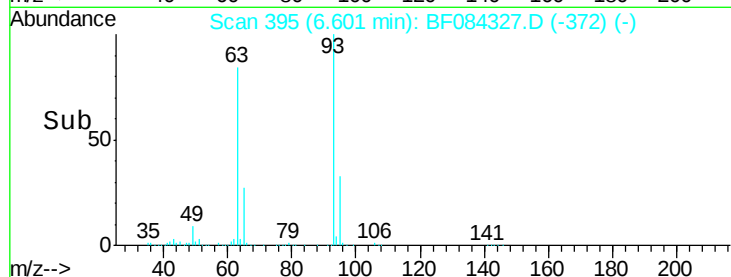
95 33.4 12.3 52.3



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: 38.67 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.19 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

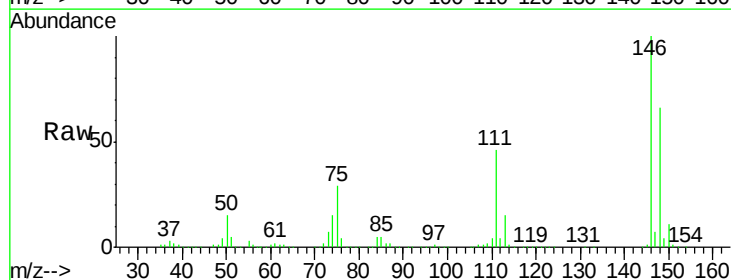
Tgt Ion: 146 Resp: 980449

Ion Ratio Lower Upper

146 100

148 66.0 51.9 77.9

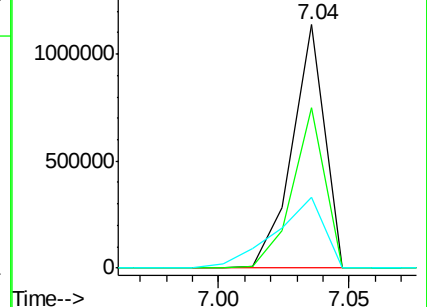
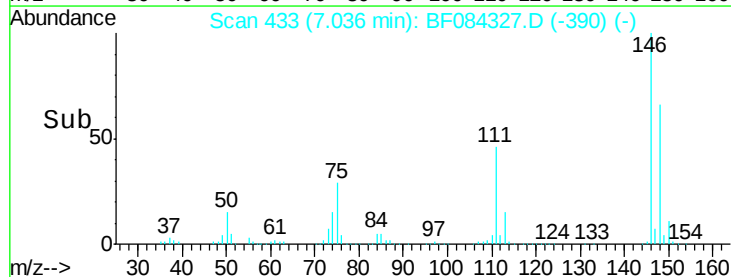
75 28.9 20.5 30.7

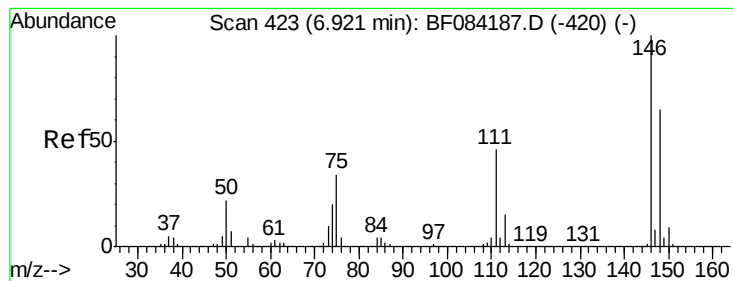


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.03 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

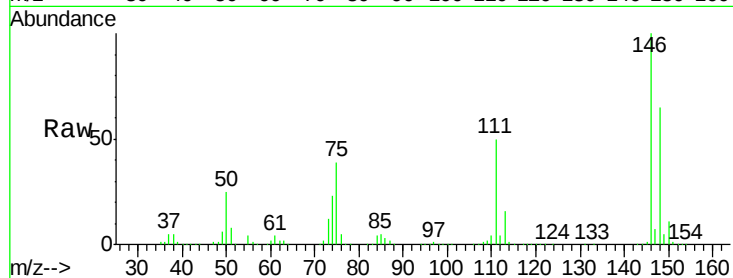
Tgt Ion:146 Resp: 966823

Ion Ratio Lower Upper

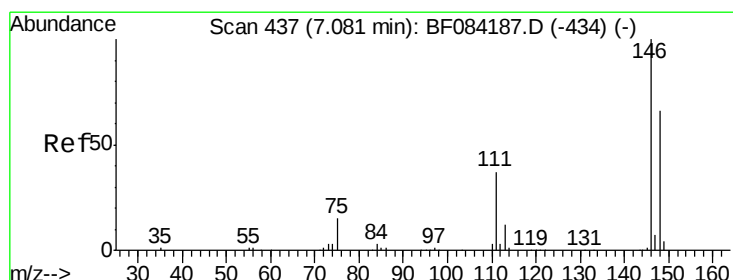
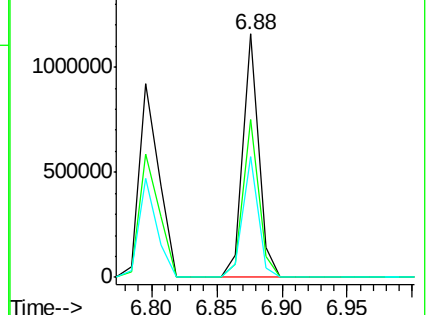
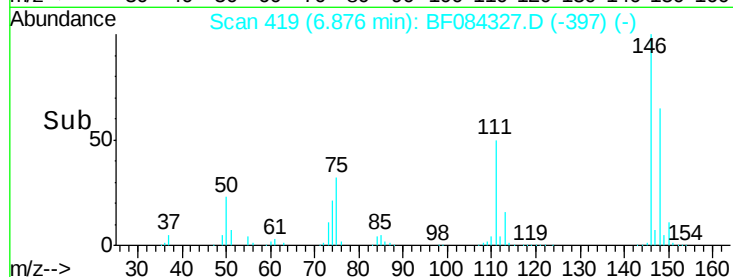
146 100

148 65.0 51.9 77.9

111 49.7 41.6 62.4



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



#14

1,2-Dichlorobenzene

Concen: 40.27 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

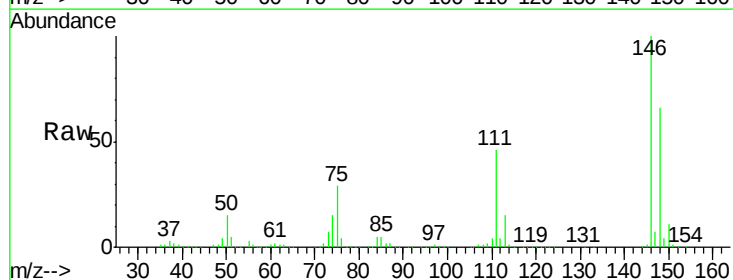
Tgt Ion:146 Resp: 980656

Ion Ratio Lower Upper

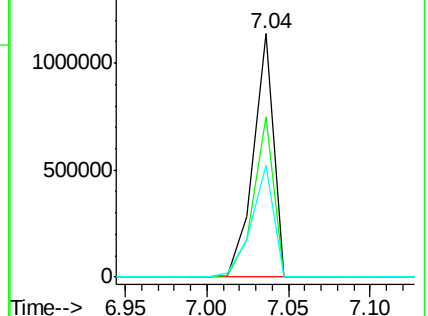
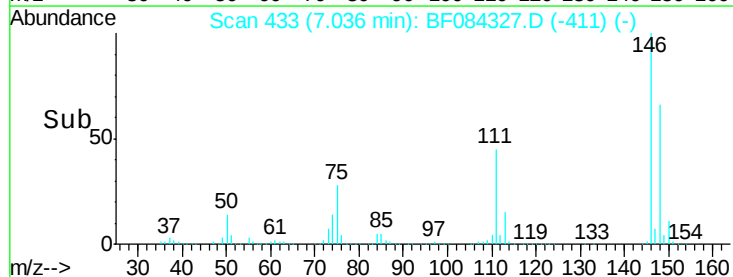
146 100

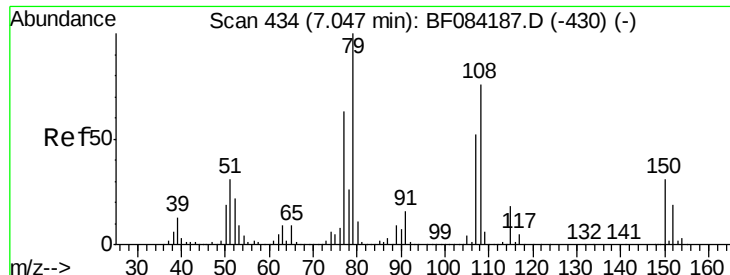
148 66.0 51.6 77.4

111 45.8 38.0 57.0



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





#15

Benzyl Alcohol

Concen: 39.68 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

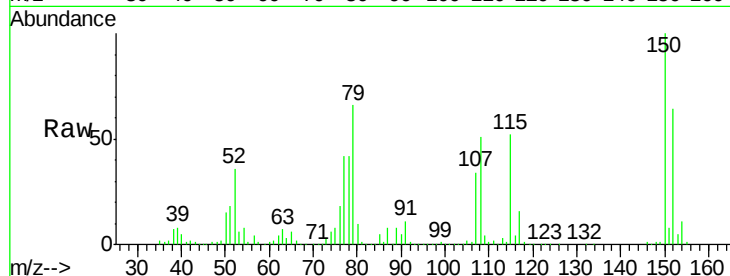
Tgt Ion: 79 Resp: 908173

Ion Ratio Lower Upper

79 100

108 76.0 69.0 103.4

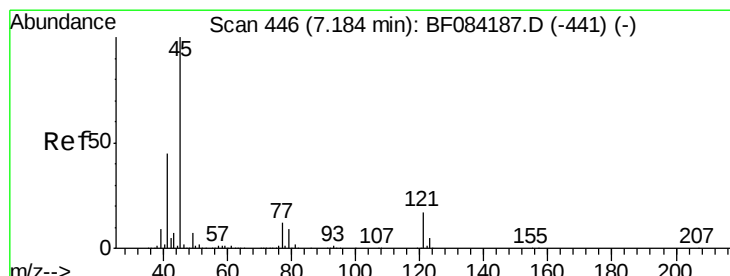
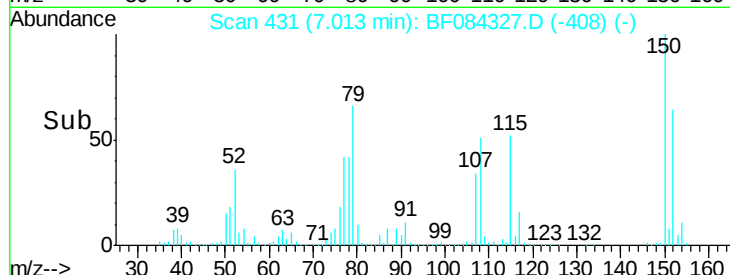
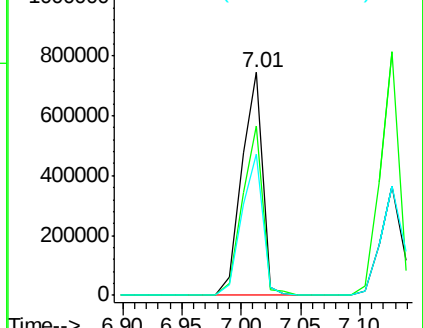
77 63.6 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.33 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

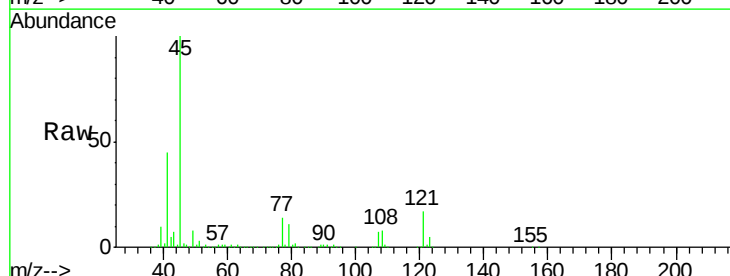
Tgt Ion: 45 Resp: 1628931

Ion Ratio Lower Upper

45 100

77 13.8 0.0 39.6

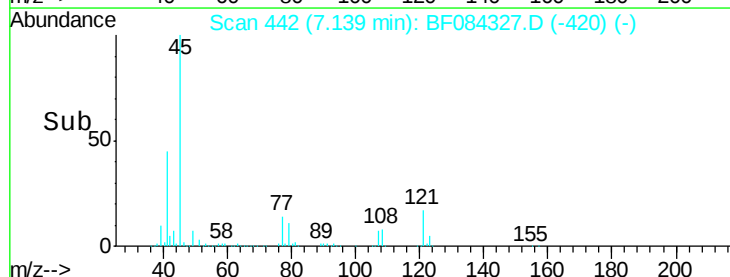
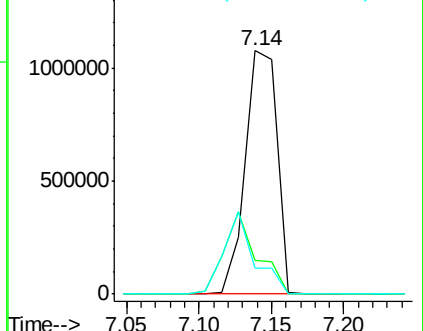
79 10.8 0.0 35.0

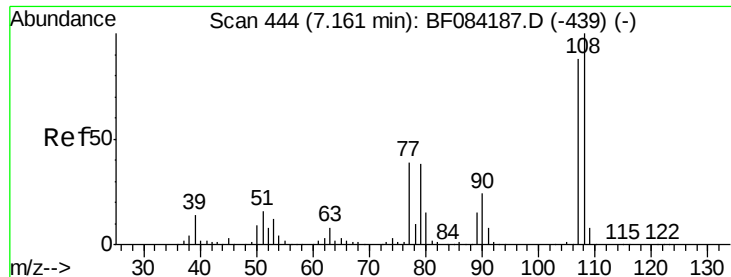


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

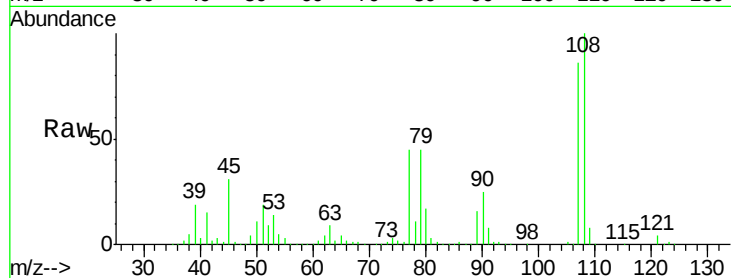




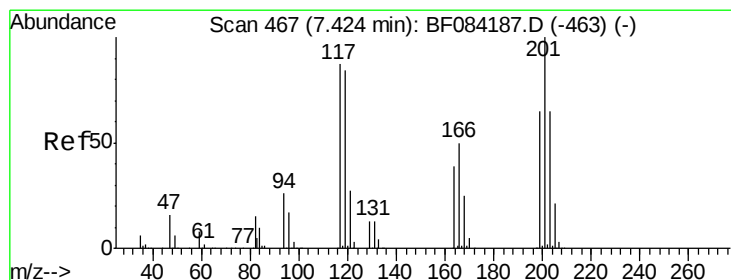
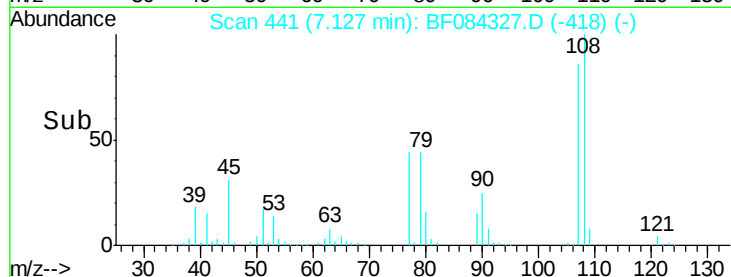
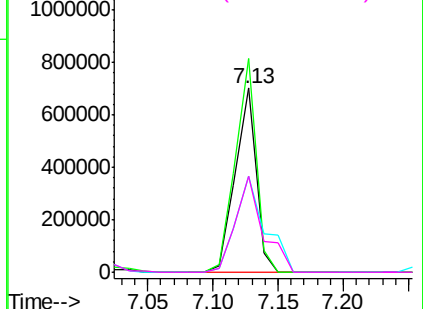
#17
2-Methylphenol
Concen: 37.72 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.03 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 777094
Ion Ratio Lower Upper
107 100
108 115.9 89.8 134.6
77 52.2 35.7 53.5
79 51.9 35.7 53.5

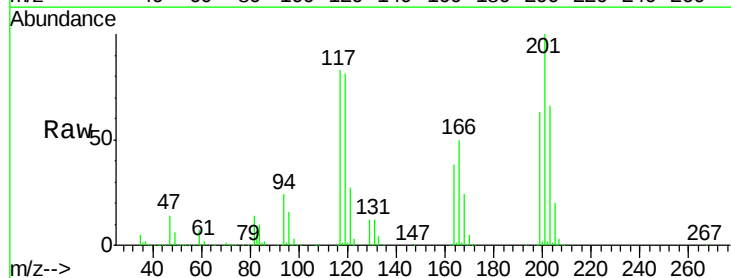


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

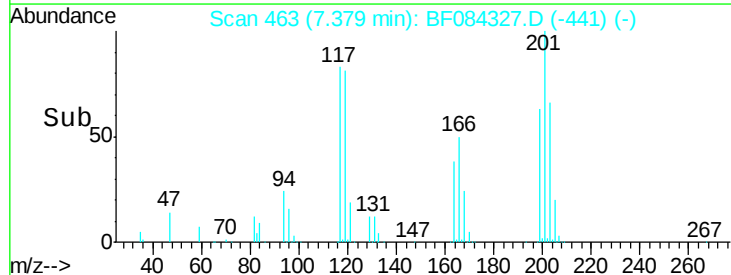
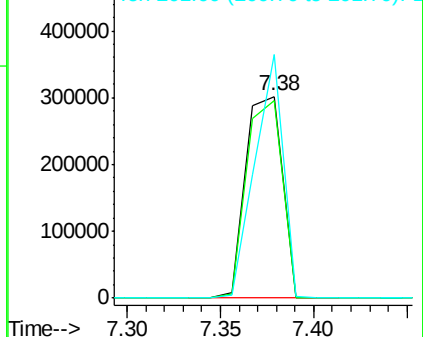


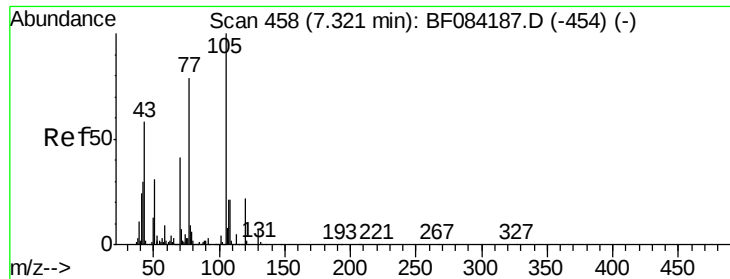
#18
Hexachloroethane
Concen: 40.47 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Tgt Ion:117 Resp: 411419
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.0
201 120.8 68.6 103.0#



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

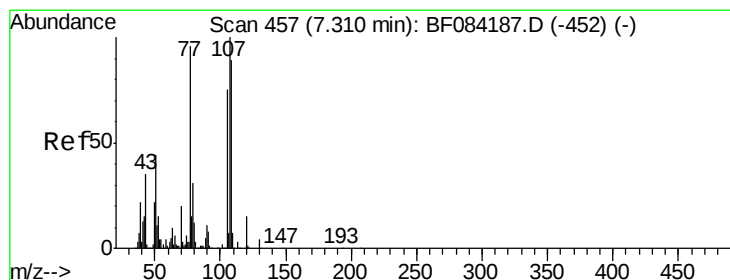
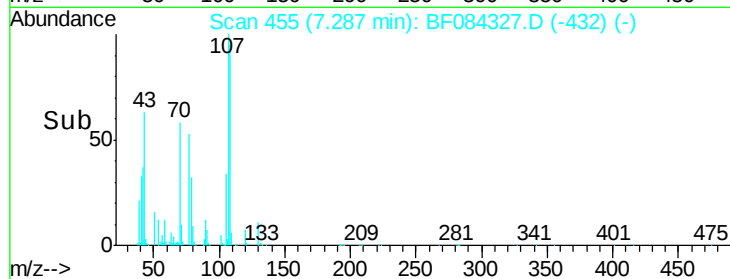
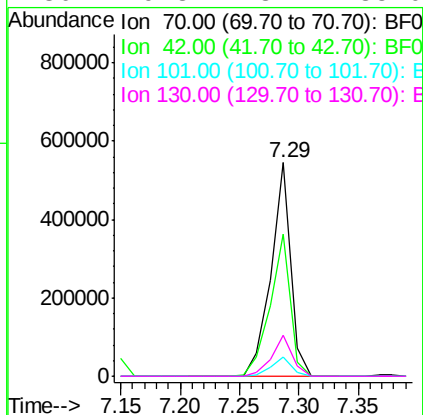
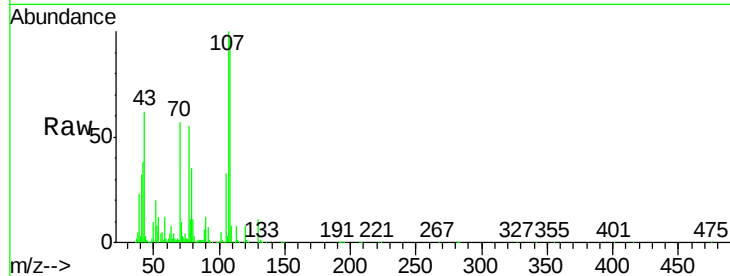




#19
n-Nitroso-di-n-propylamine
Concen: 34.46 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

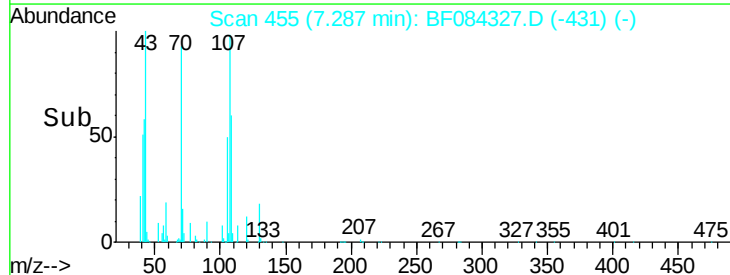
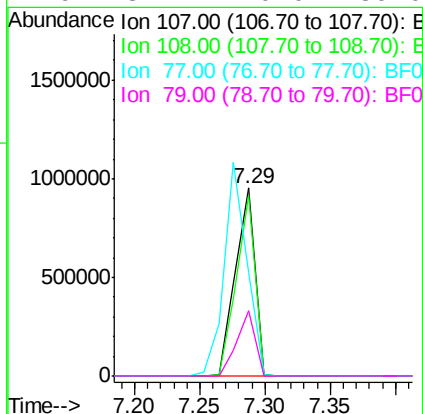
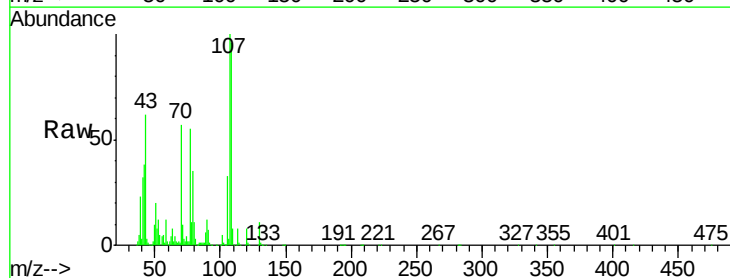
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

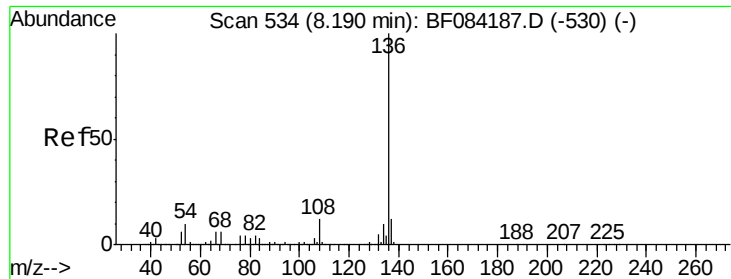
Tgt Ion:	70	Resp:	634697
Ion	Ratio	Lower	Upper
70	100		
42	66.5	33.3	49.9#
101	9.3	9.3	13.9
130	19.3	23.4	35.0#



#20
3+4-Methylphenols
Concen: 40.73 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Tgt Ion:	107	Resp:	986233
Ion	Ratio	Lower	Upper
107	100		
108	96.0	74.6	114.6
77	55.2	0.7	40.7#
79	34.7	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 1393879

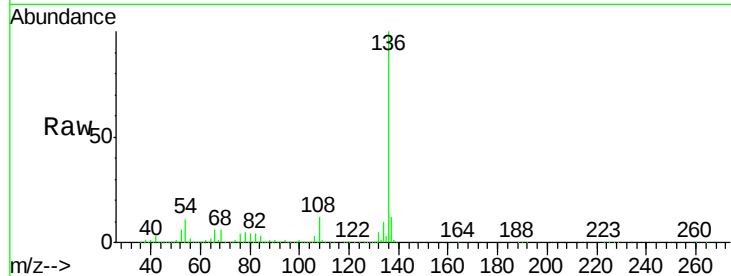
Ion Ratio Lower Upper

136 100

137 11.8 8.7 13.1

54 11.1 5.8 8.8#

68 6.1 4.2 6.2

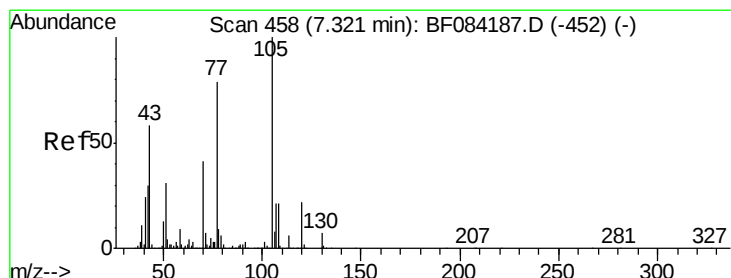
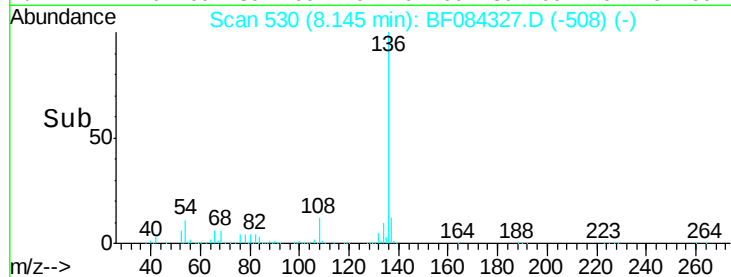
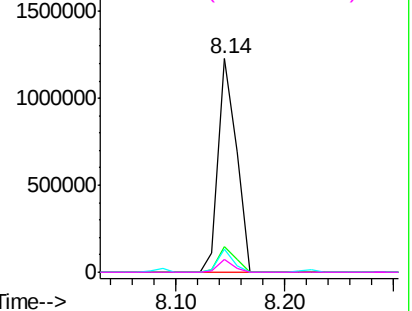


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.37 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Tgt Ion:105 Resp: 1252708

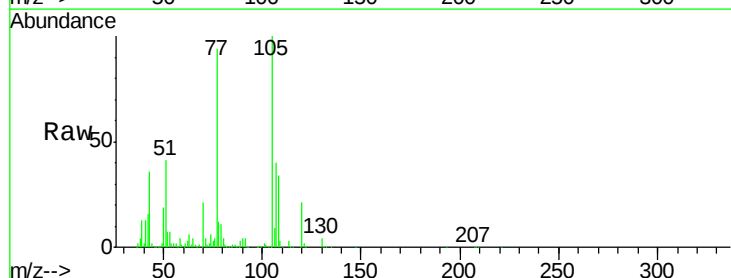
Ion Ratio Lower Upper

105 100

71 3.5 3.7 5.5#

51 40.6 25.1 37.7#

120 20.9 16.6 25.0

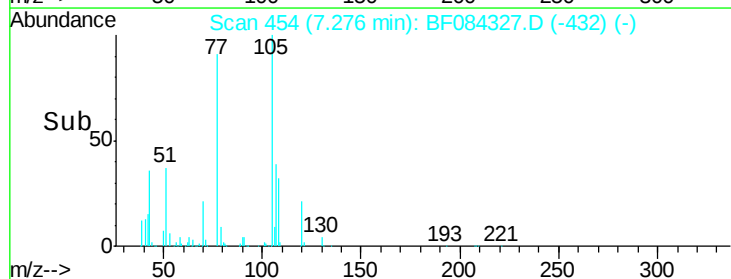
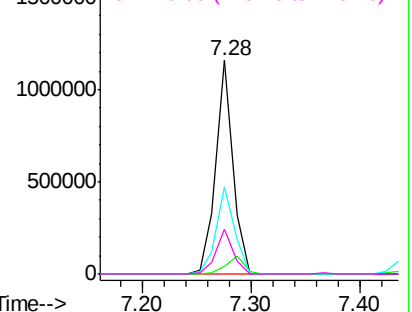


Abundance Ion 105.00 (104.70 to 105.70): E

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

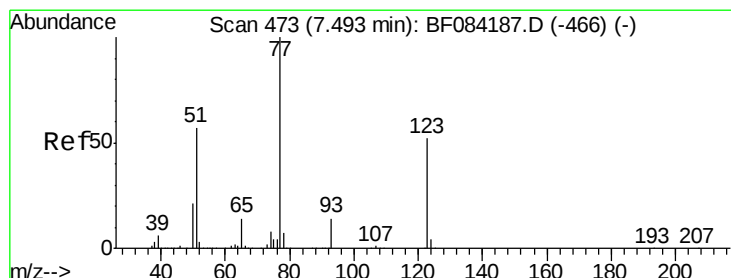
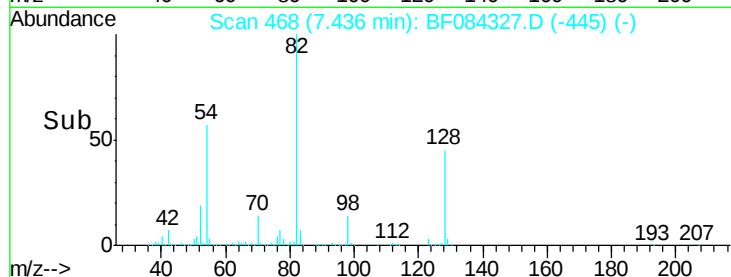
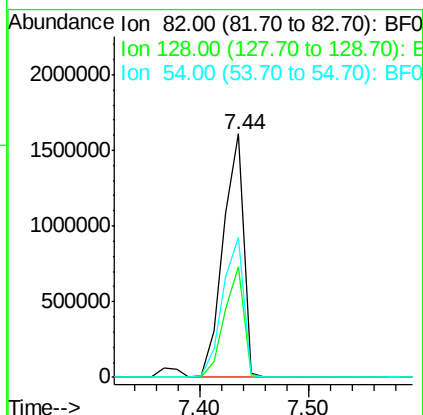
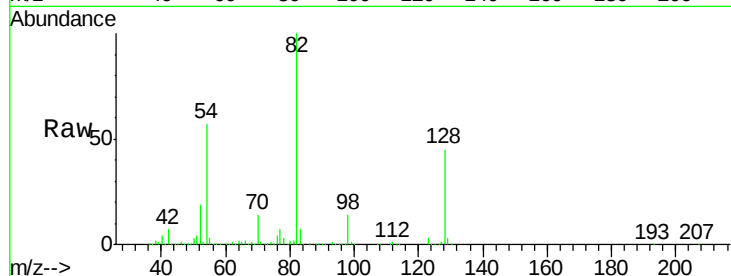




#23
 Nitrobenzene-d5
 Concen: 83.43 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

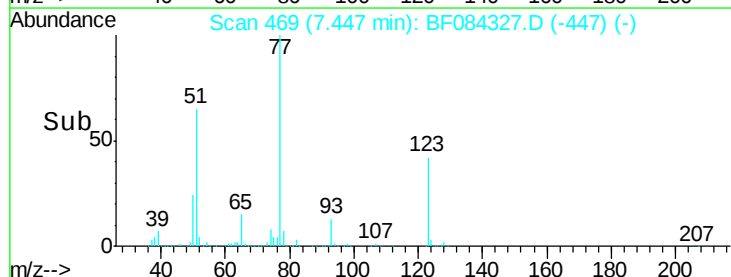
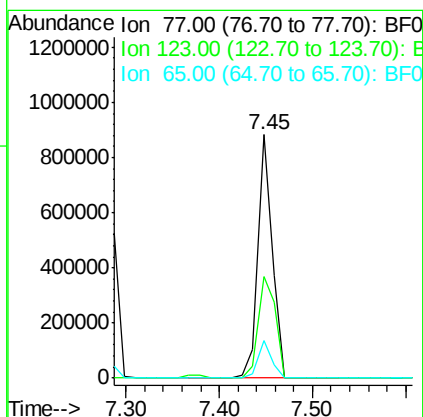
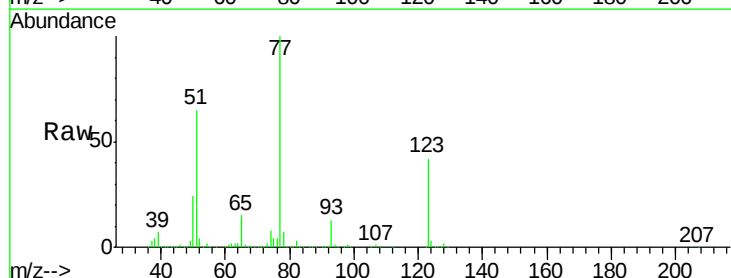
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

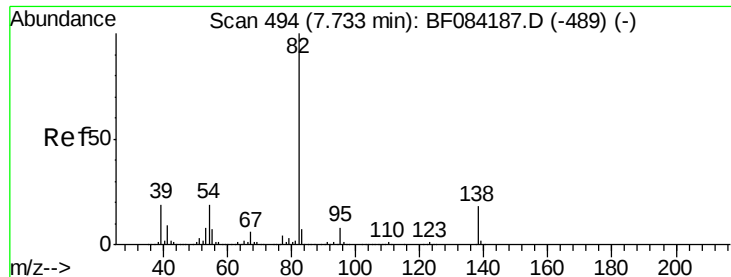
Tgt Ion: 82 Resp: 2089448
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 51.8
 54 57.3 38.4 57.6



#24
 Nitrobenzene
 Concen: 37.15 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.05 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

Tgt Ion: 77 Resp: 943603
 Ion Ratio Lower Upper
 77 100
 123 41.9 37.4 56.2
 65 15.3 10.9 16.3





#25

Isophorone

Concen: 40.60 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

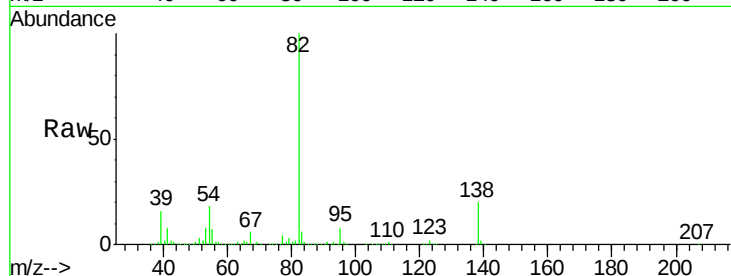
Tgt Ion: 82 Resp: 1944631

Ion Ratio Lower Upper

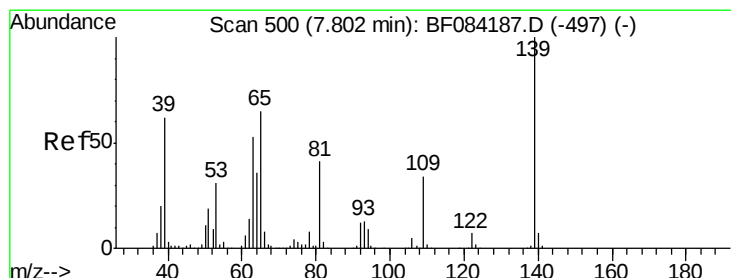
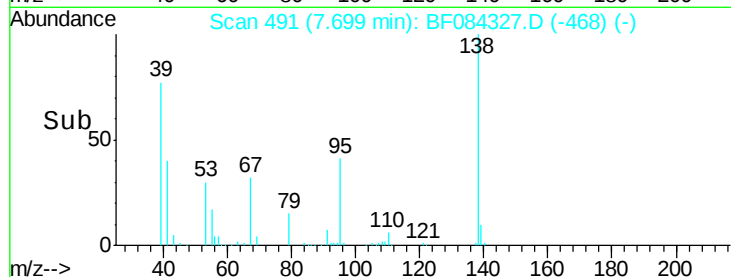
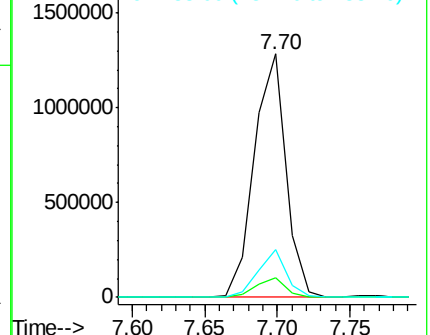
82 100

95 8.0 6.6 10.0

138 19.6 13.6 20.4



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: 49.28 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

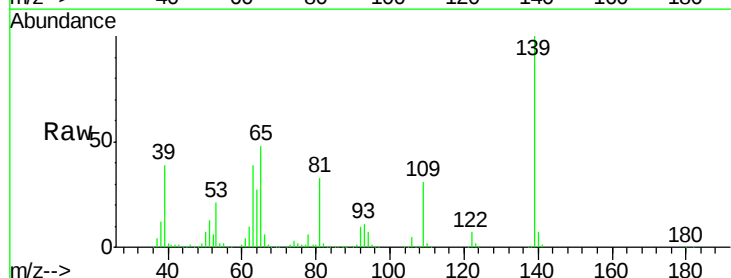
Tgt Ion: 139 Resp: 569711

Ion Ratio Lower Upper

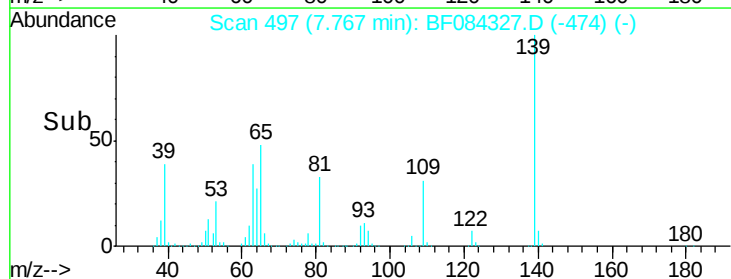
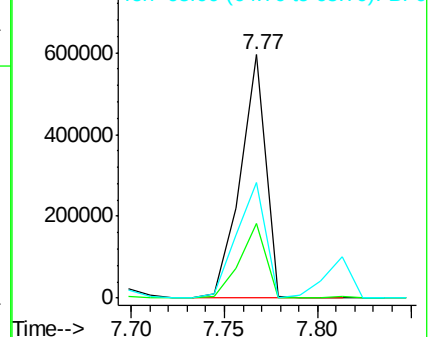
139 100

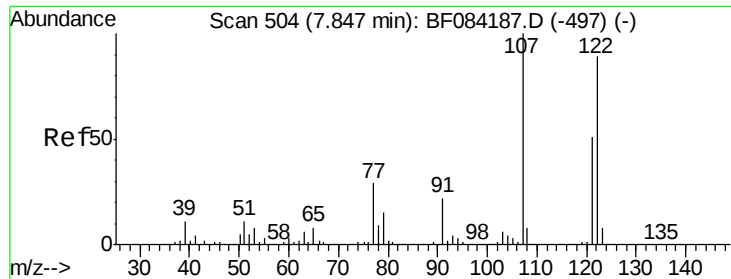
109 30.8 25.4 38.2

65 47.6 32.3 48.5



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

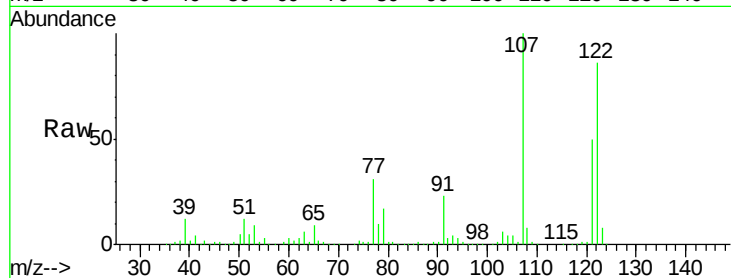




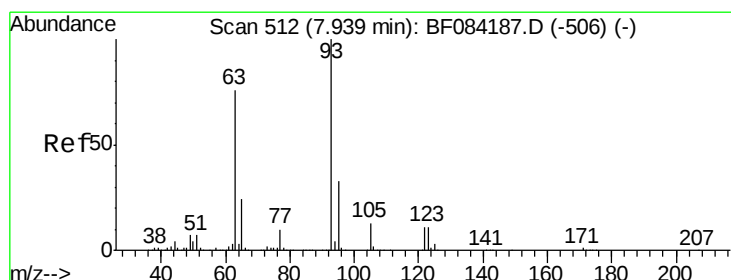
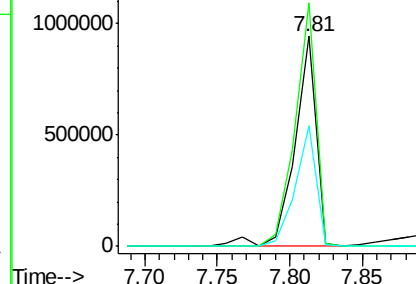
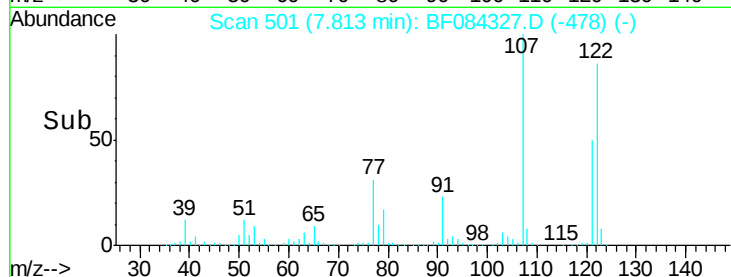
#27
2,4-Dimethylphenol
Concen: 41.50 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 971068
Ion Ratio Lower Upper
122 100
107 116.0 99.1 148.7
121 57.5 47.9 71.9

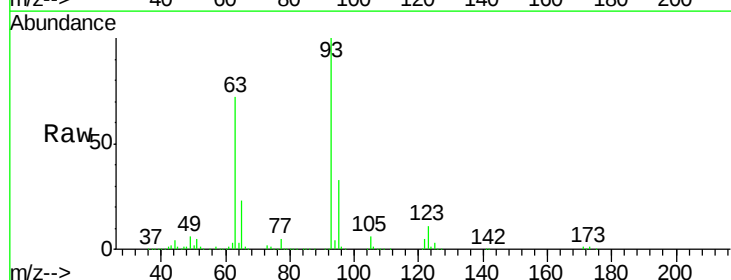


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

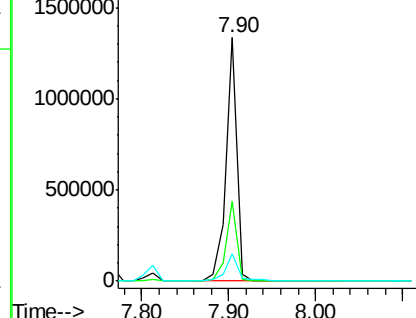
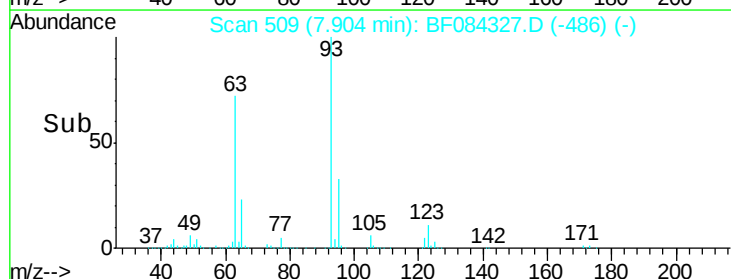


#28
bis(2-Chloroethoxy)methane
Concen: 40.54 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Tgt Ion: 93 Resp: 1186154
Ion Ratio Lower Upper
93 100
95 33.0 25.8 38.6
123 11.0 8.6 12.8



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: 38.64 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

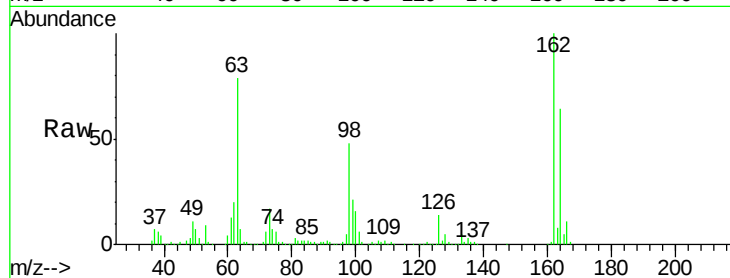
Tgt Ion:162 Resp: 753224

Ion Ratio Lower Upper

162 100

164 63.8 44.1 84.1

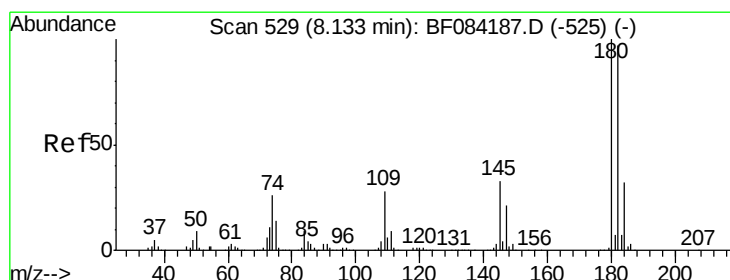
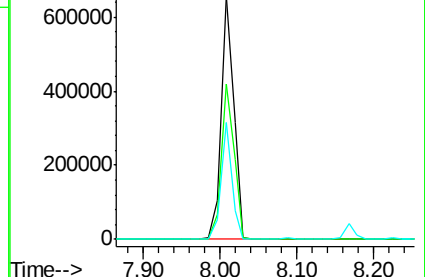
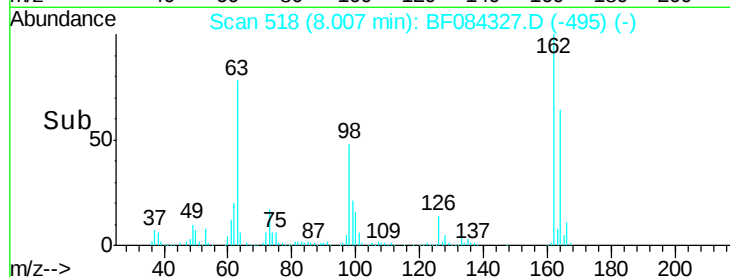
98 47.9 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

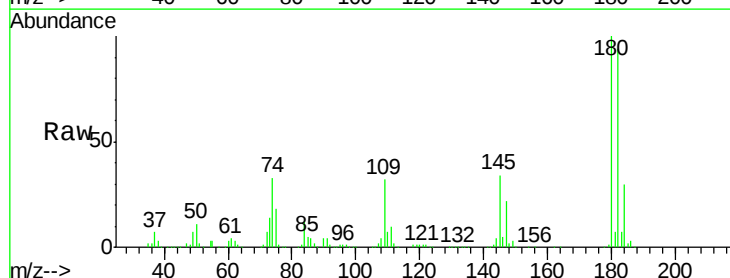
Tgt Ion:180 Resp: 805043

Ion Ratio Lower Upper

180 100

182 94.2 76.4 114.6

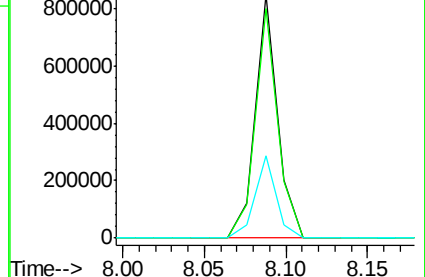
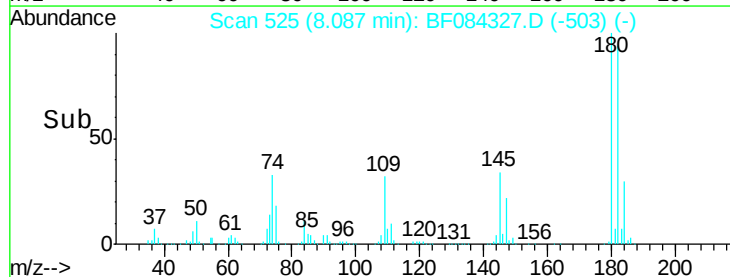
145 34.0 31.6 47.4

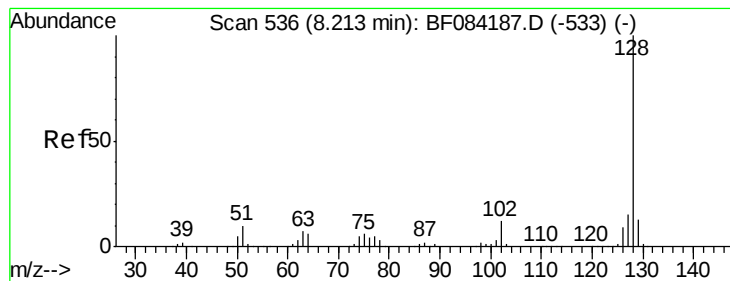


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.57 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

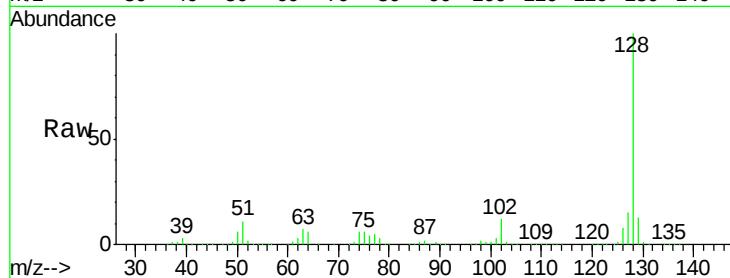
Tgt Ion:128 Resp: 2376192

Ion Ratio Lower Upper

128 100

129 12.7 9.1 13.7

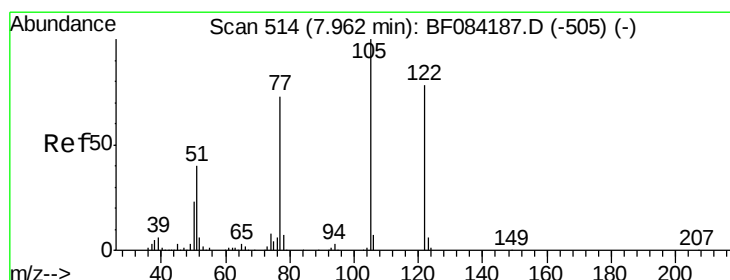
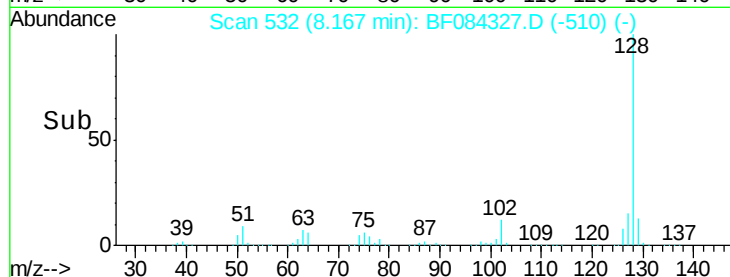
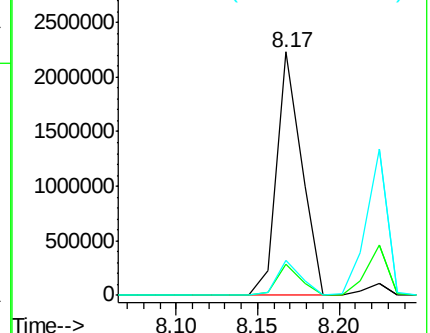
127 14.5 11.1 16.7



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: 28.81 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

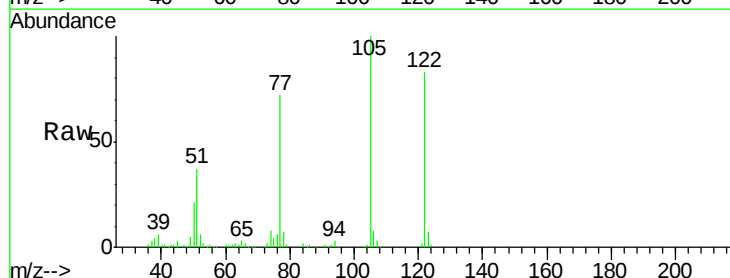
Tgt Ion:122 Resp: 390533

Ion Ratio Lower Upper

122 100

105 121.1 100.3 140.3

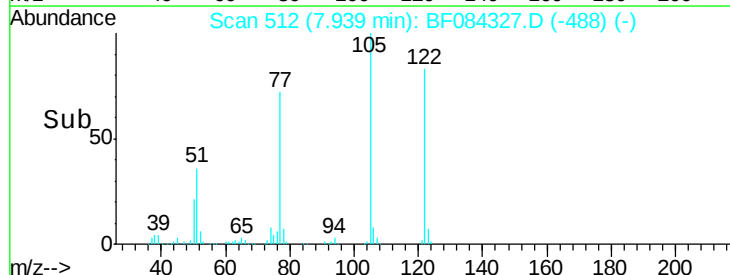
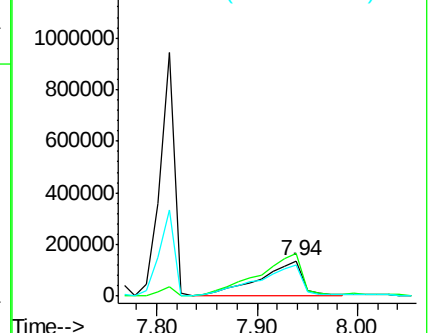
77 87.7 63.5 103.5



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

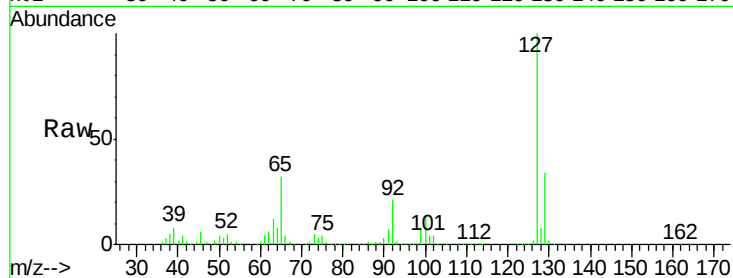




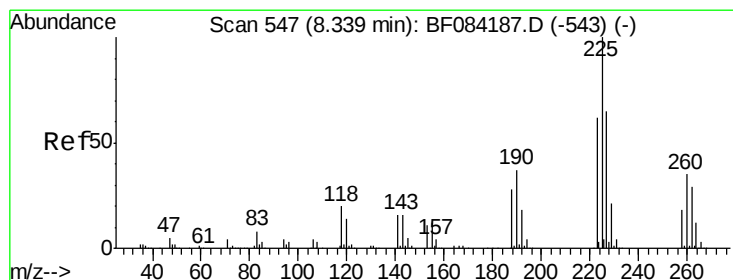
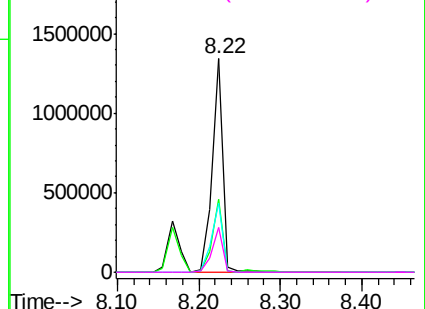
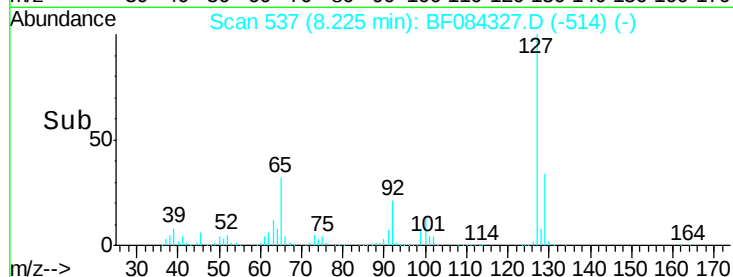
#33
4-Chloroaniline
Concen: 42.98 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	1246055
Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.5	39.7
65	32.4	27.2	40.8
92	20.8	17.7	26.5

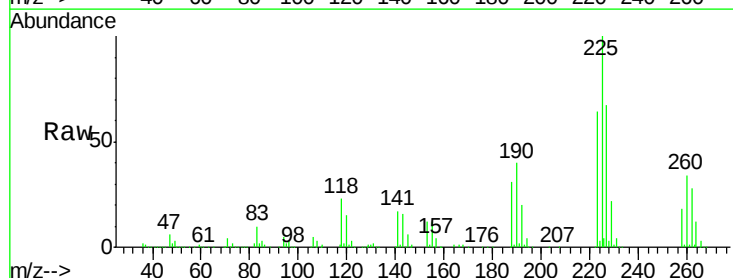


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

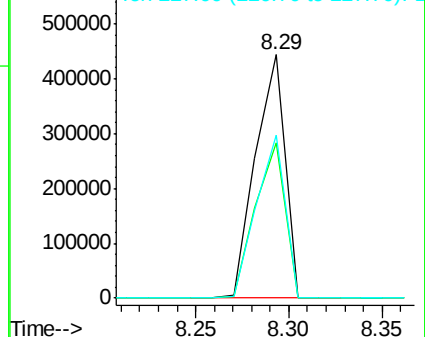
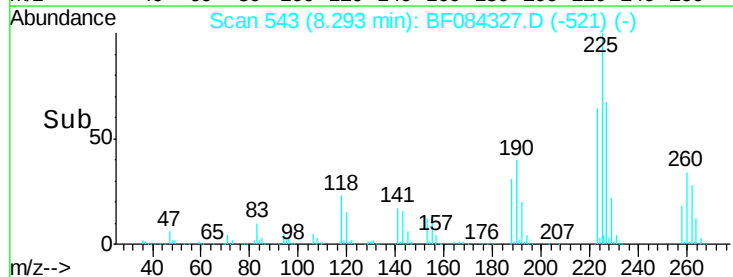


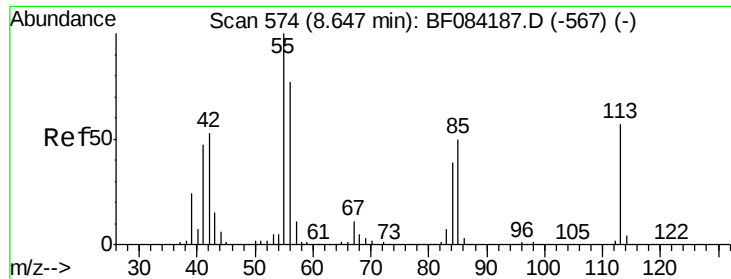
#34
Hexachlorobutadiene
Concen: 41.96 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Tgt Ion:	225	Resp:	485357
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.4	74.0
227	67.0	50.8	76.2



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

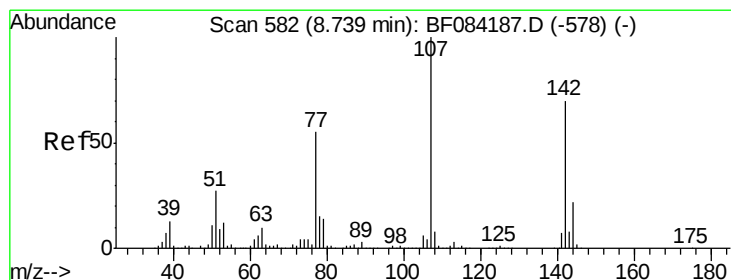
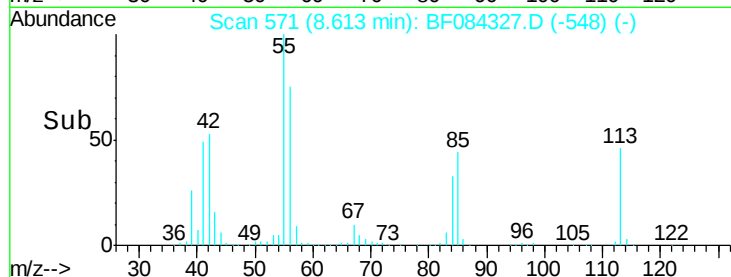
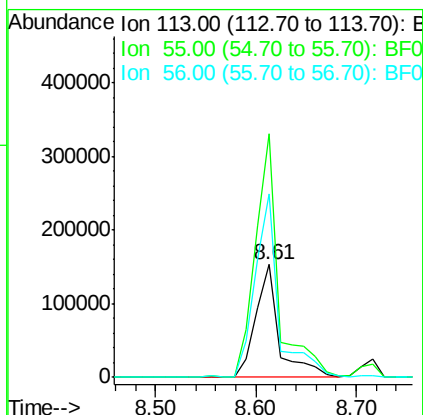
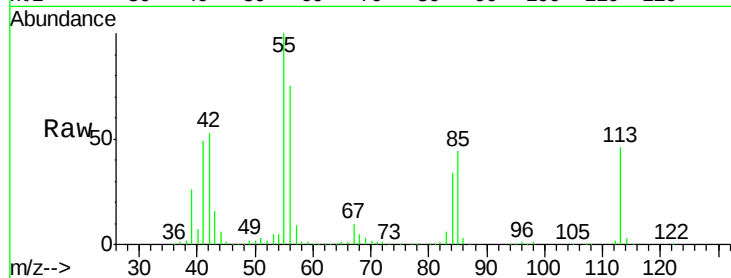




#35
 Caprolactam
 Concen: 37.58 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

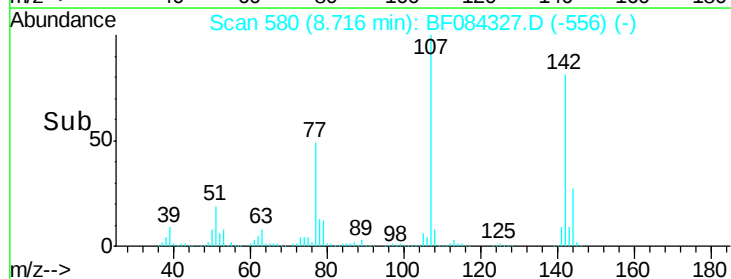
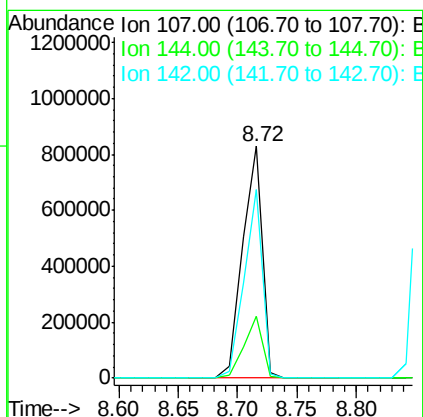
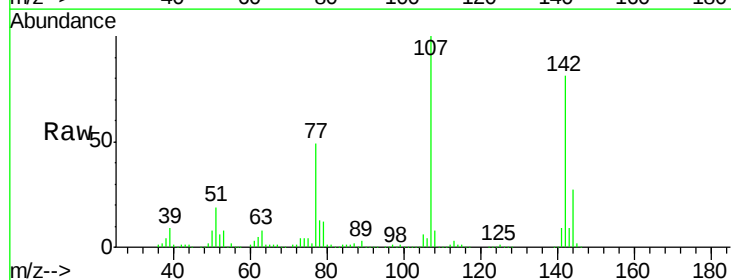
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

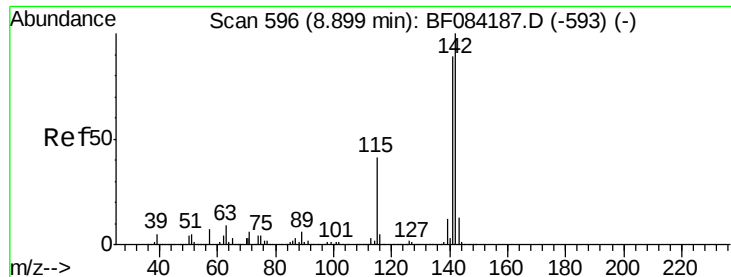
Tgt Ion:113 Resp: 246949
 Ion Ratio Lower Upper
 113 100
 55 215.7 116.9 156.9#
 56 162.5 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 44.03 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

Tgt Ion:107 Resp: 961453
 Ion Ratio Lower Upper
 107 100
 144 26.9 19.7 29.5
 142 81.5 61.8 92.6

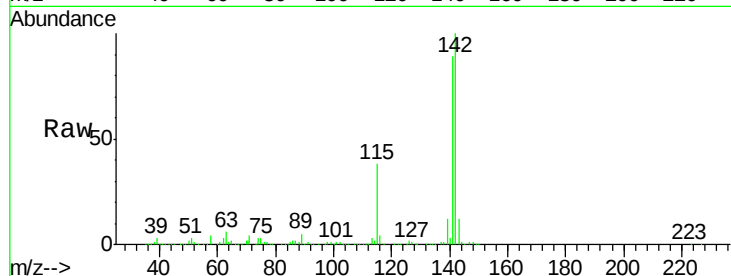




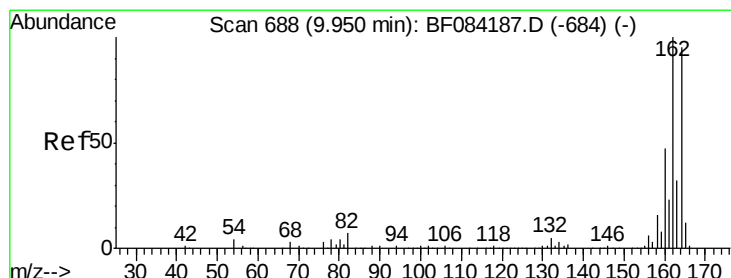
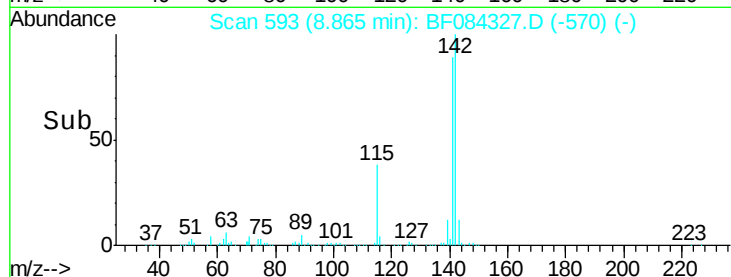
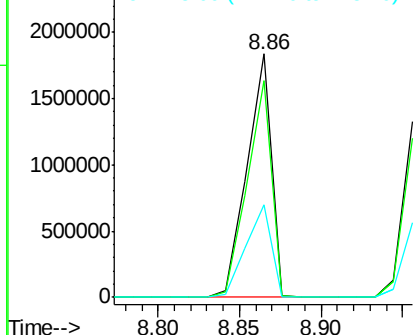
#37
2-Methylnaphthalene
Concen: 41.88 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1901206
Ion Ratio Lower Upper
142 100
141 89.2 72.4 108.6
115 38.2 27.9 41.9

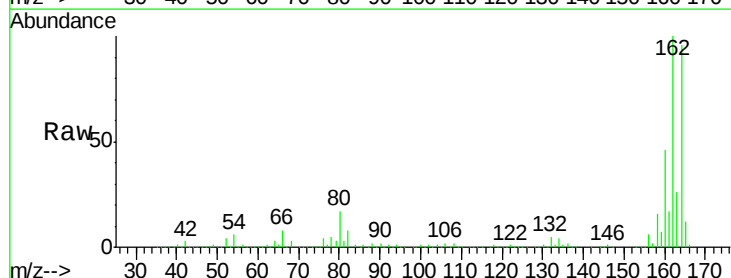


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

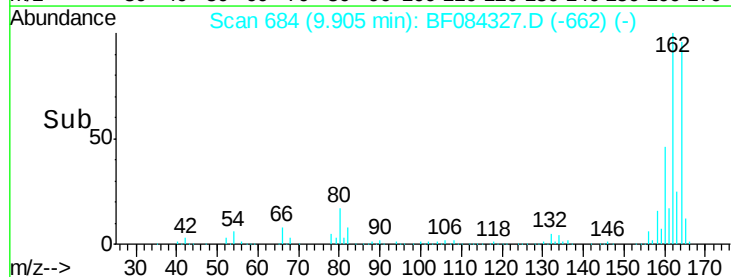
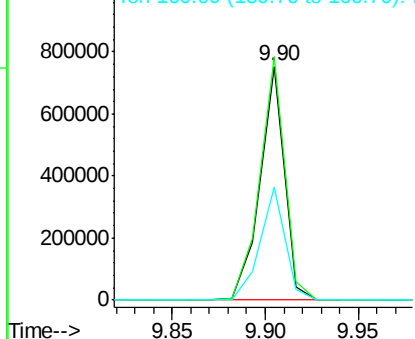


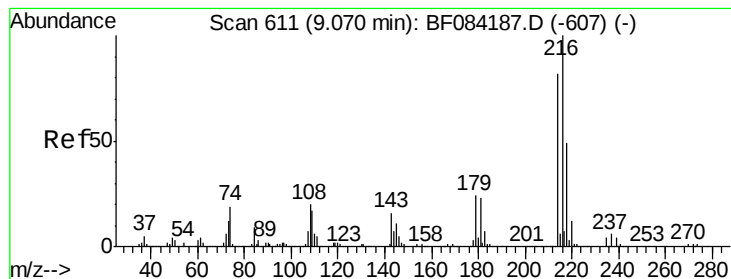
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Tgt Ion:164 Resp: 679001
Ion Ratio Lower Upper
164 100
162 104.3 85.1 127.7
160 48.3 37.5 56.3



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: 36.67 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 715890

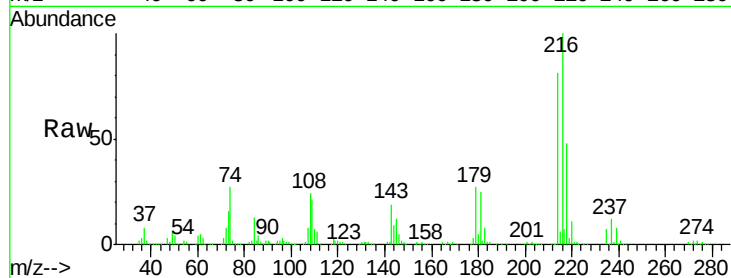
Ion Ratio Lower Upper

216 100

214 80.0 64.2 96.2

179 24.6 18.7 28.1

108 23.8 16.8 25.2

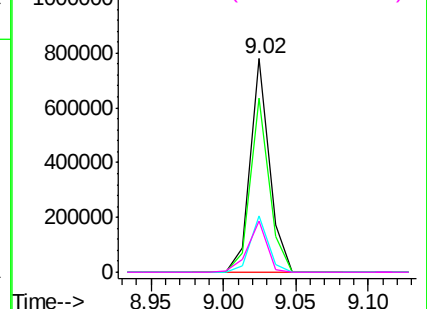
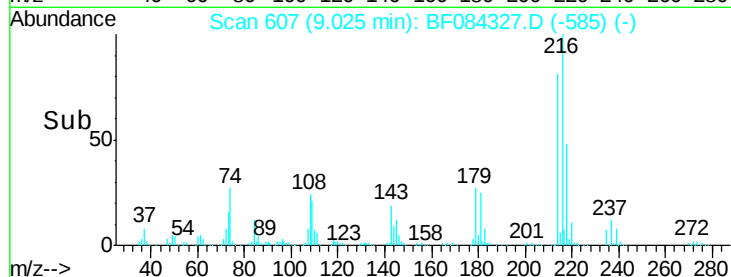


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.49 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

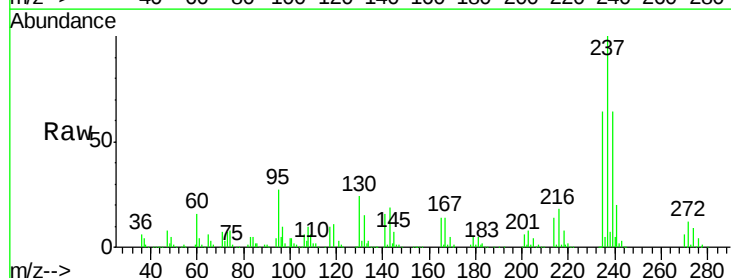
Tgt Ion:237 Resp: 429973

Ion Ratio Lower Upper

237 100

235 64.3 43.1 83.1

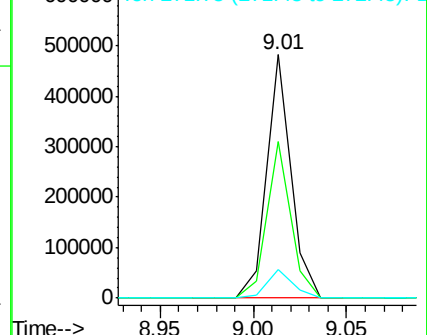
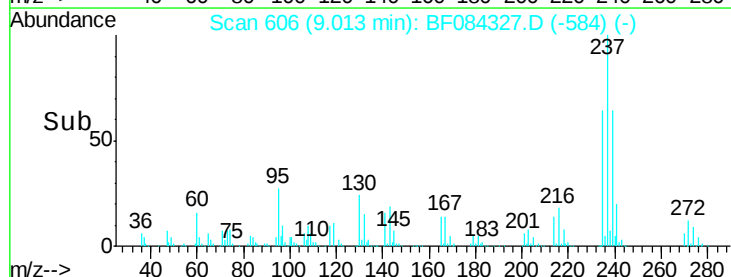
272 11.7 0.0 35.1

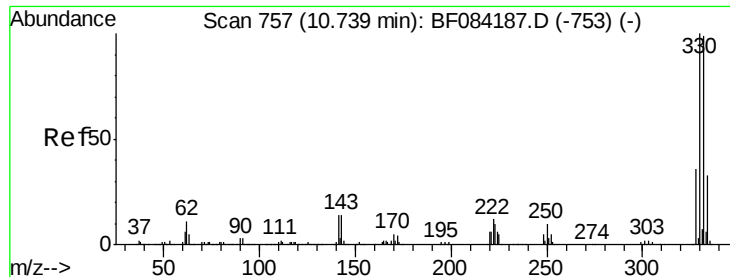


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 69.57 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

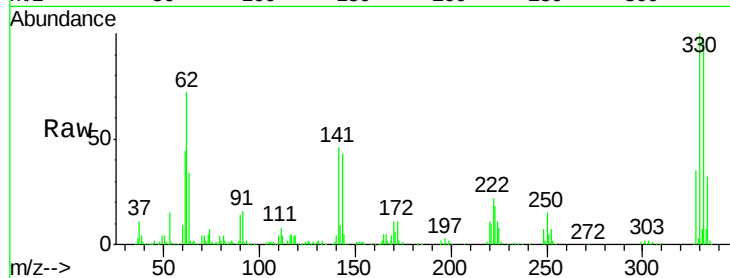
Tgt Ion:330 Resp: 476918

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

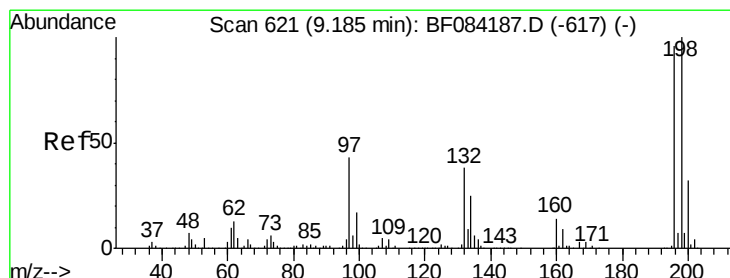
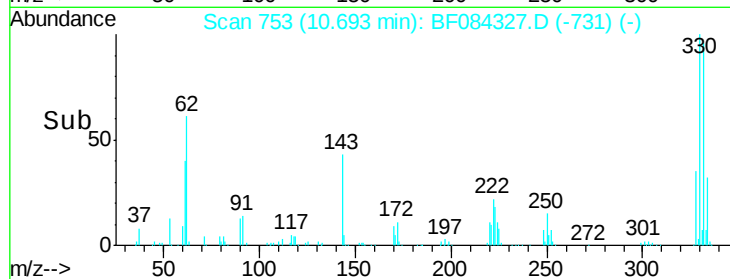
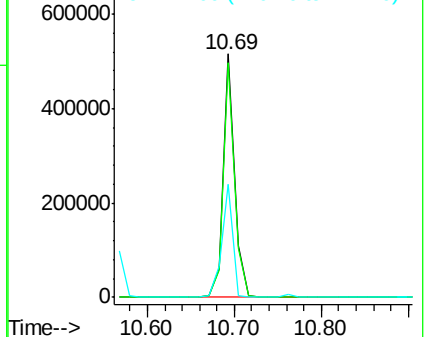
141 45.1 27.8 41.6#



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: 36.29 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

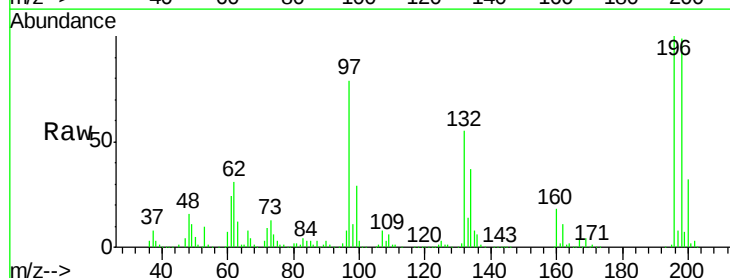
Tgt Ion:196 Resp: 529968

Ion Ratio Lower Upper

196 100

198 99.0 77.7 116.5

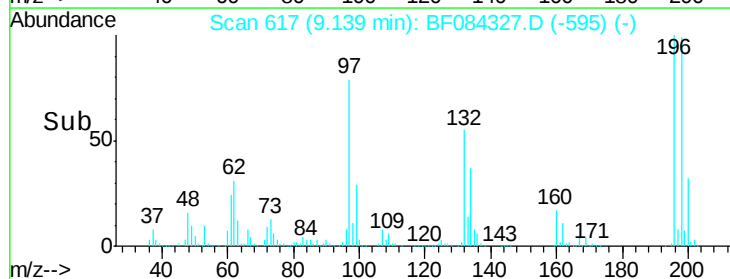
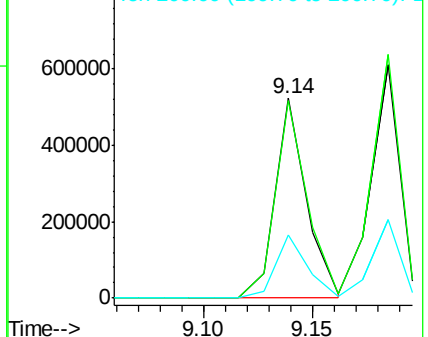
200 31.7 24.6 37.0



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

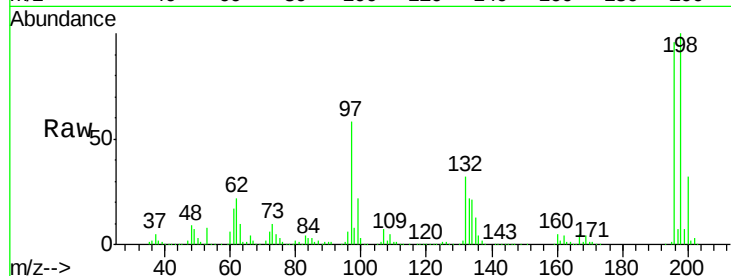




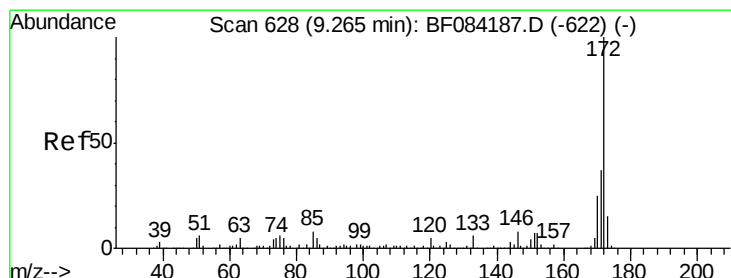
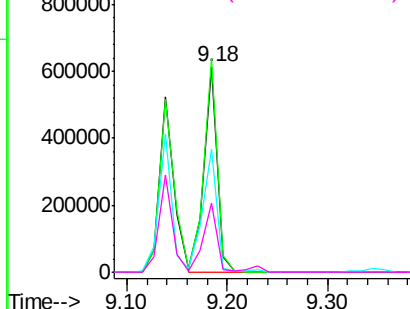
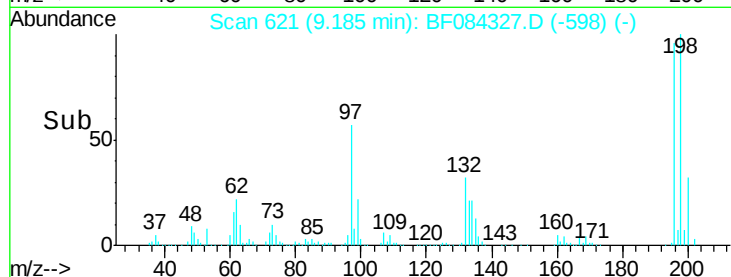
#43
 2,4,5-Trichlorophenol
 Concen: 40.29 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 564005
 Ion Ratio Lower Upper
 196 100
 198 104.2 79.0 118.6
 97 60.0 33.0 49.6#
 132 33.6 21.1 31.7#

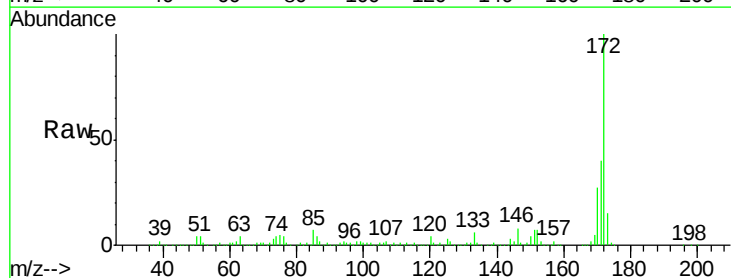


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

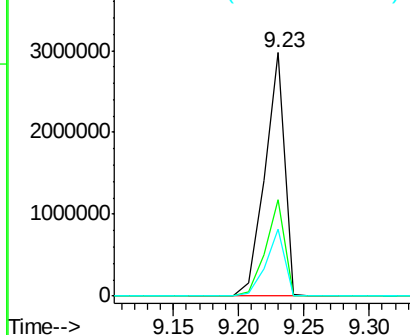
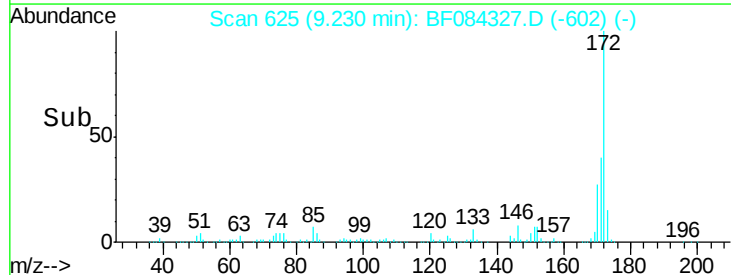


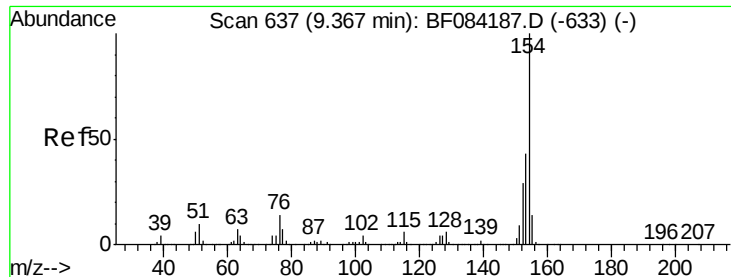
#44
 2-Fluorobiphenyl
 Concen: 81.04 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

Tgt Ion:172 Resp: 3139215
 Ion Ratio Lower Upper
 172 100
 171 39.8 28.9 43.3
 170 27.5 18.6 27.8



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: 40.49 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

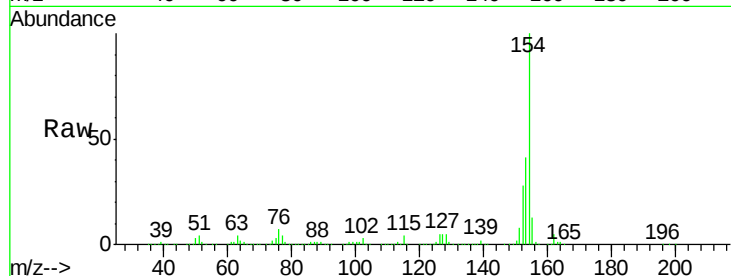
Tgt Ion:154 Resp: 2185225

Ion Ratio Lower Upper

154 100

153 41.1 21.6 61.6

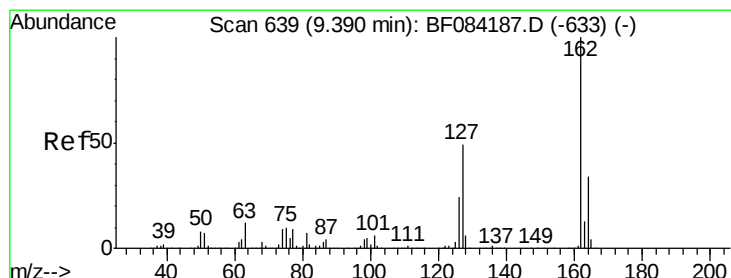
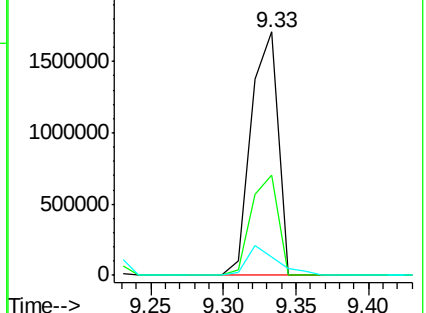
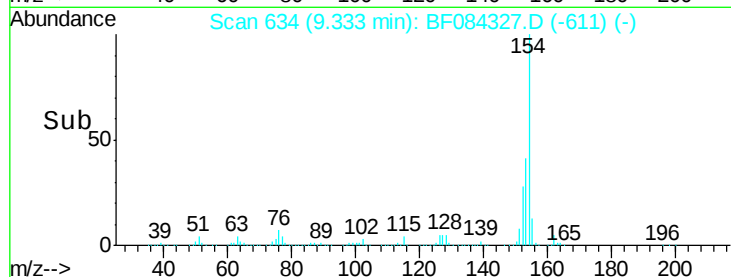
76 7.3 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.63 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

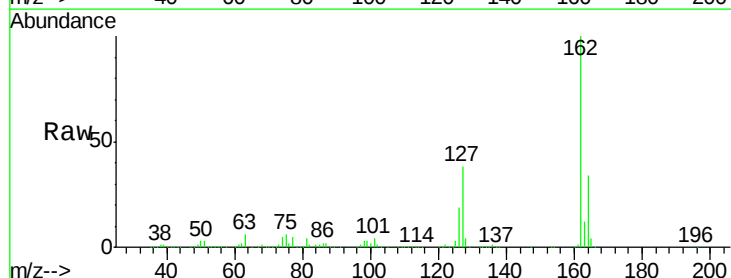
Tgt Ion:162 Resp: 1680033

Ion Ratio Lower Upper

162 100

127 37.9 40.2 60.4#

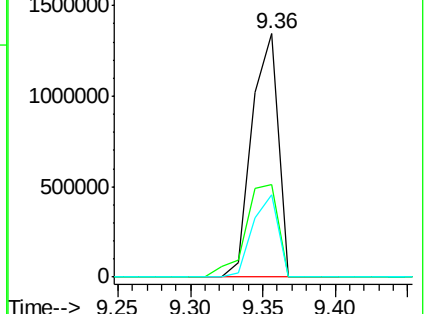
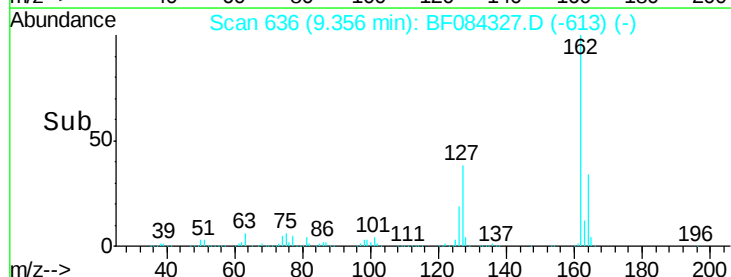
164 33.9 25.7 38.5

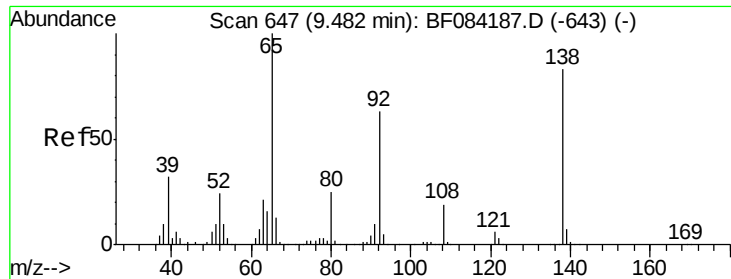


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

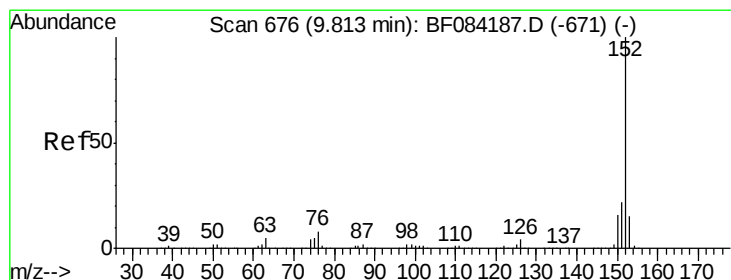
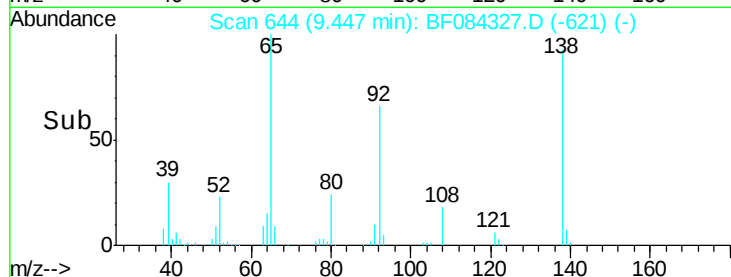
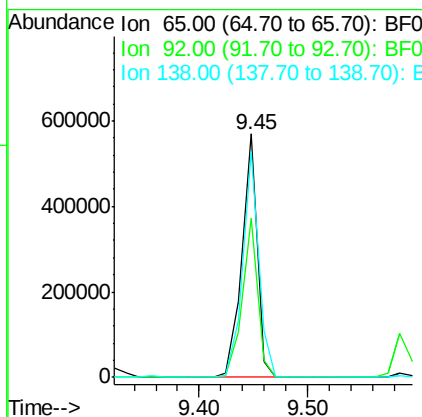
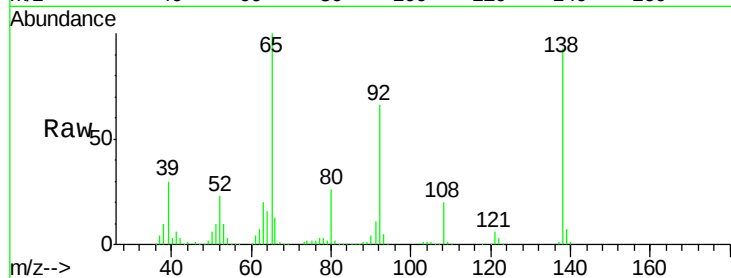




#47
2-Nitroaniline
Concen: 39.01 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

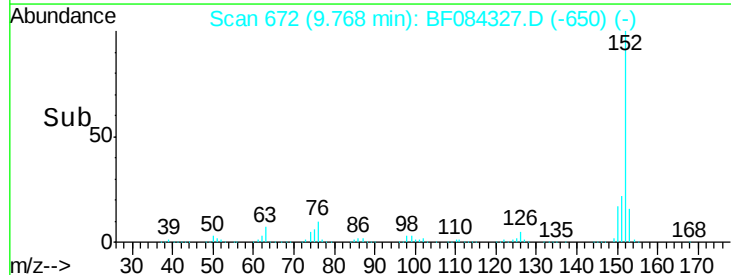
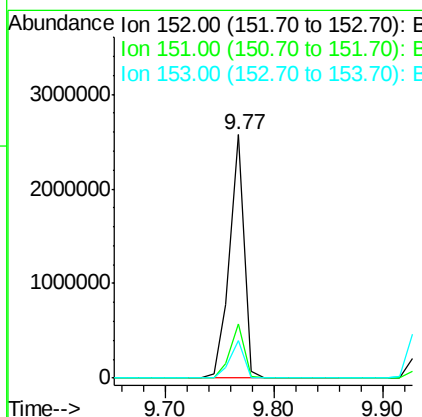
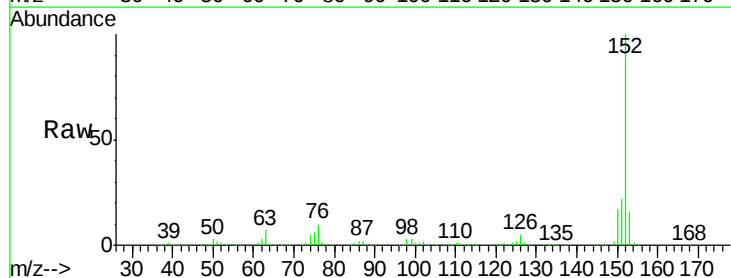
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

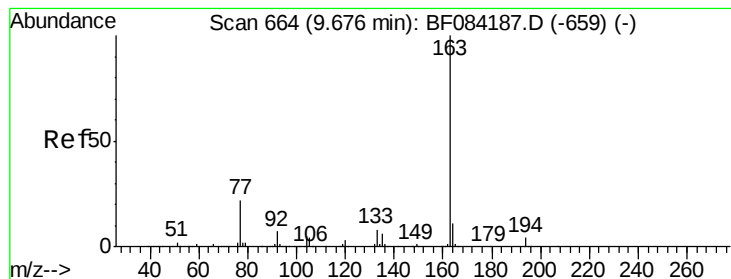
Tgt Ion: 65 Resp: 545773
Ion Ratio Lower Upper
65 100
92 65.6 53.4 80.2
138 92.5 71.1 106.7



#48
Acenaphthylene
Concen: 38.01 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Tgt Ion: 152 Resp: 2380168
Ion Ratio Lower Upper
152 100
151 22.5 16.3 24.5
153 15.6 10.4 15.6#





#49

Dimethylphthalate

Concen: 39.93 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

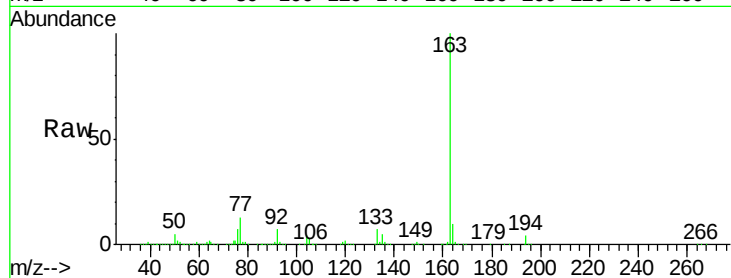
Tgt Ion:163 Resp: 1938060

Ion Ratio Lower Upper

163 100

194 3.9 8.0 12.0#

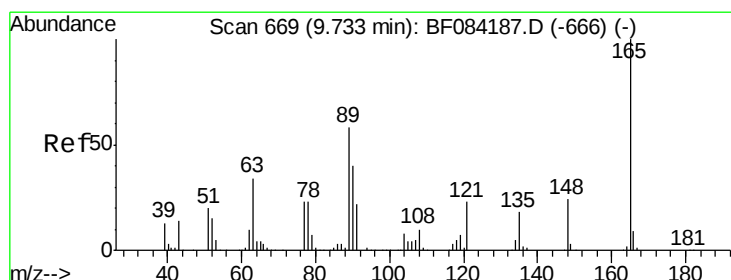
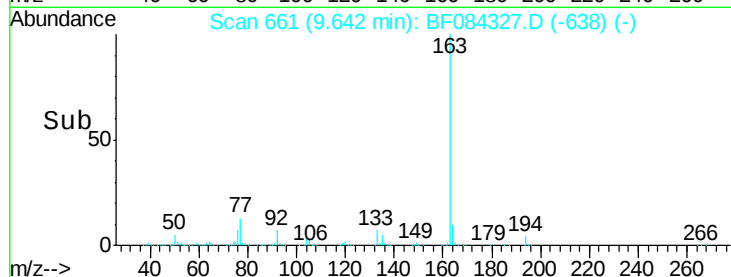
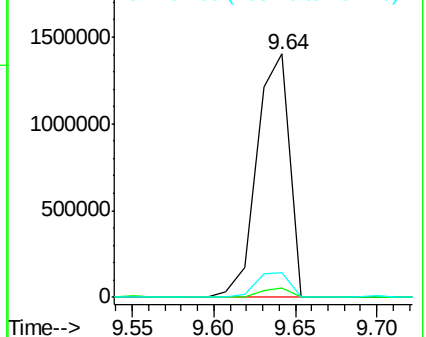
164 9.9 8.0 12.0



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: 45.62 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

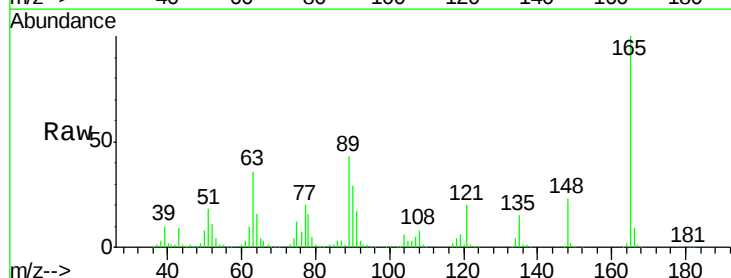
Tgt Ion:165 Resp: 485724

Ion Ratio Lower Upper

165 100

63 36.1 28.8 43.2

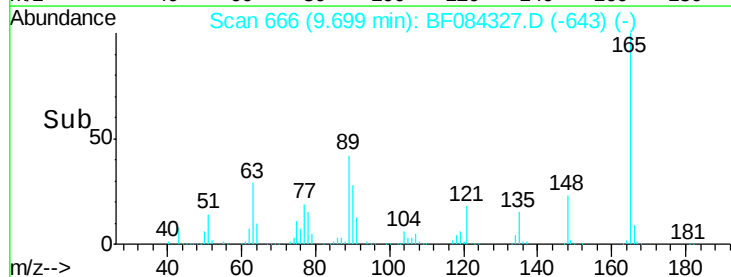
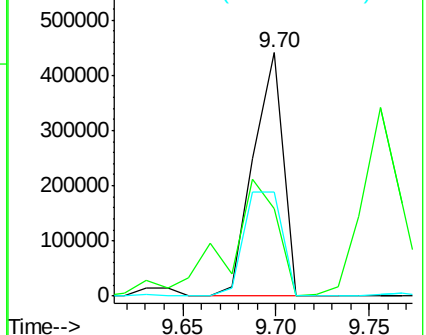
89 42.6 35.1 52.7

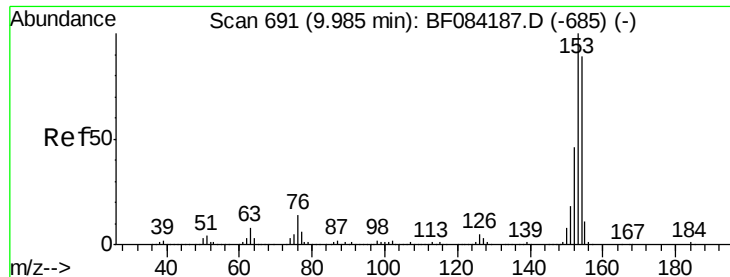


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.67 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

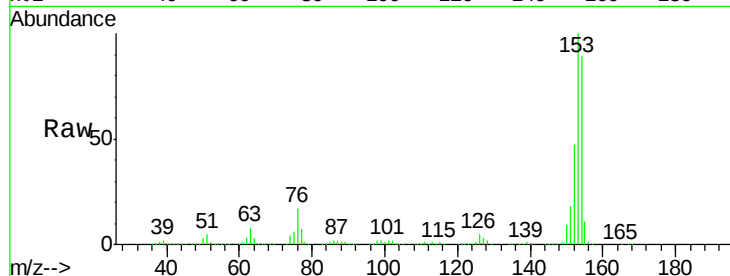
Tgt Ion:154 Resp: 1624363

Ion Ratio Lower Upper

154 100

153 112.5 91.5 137.3

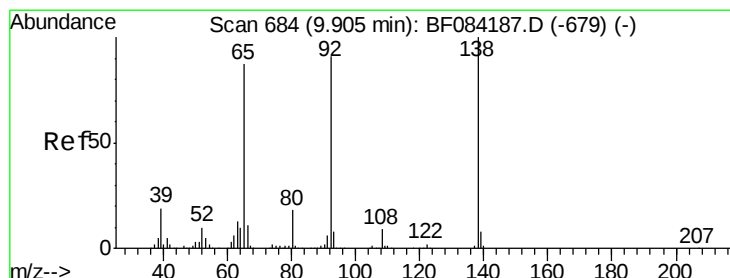
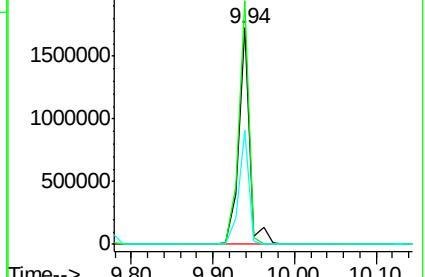
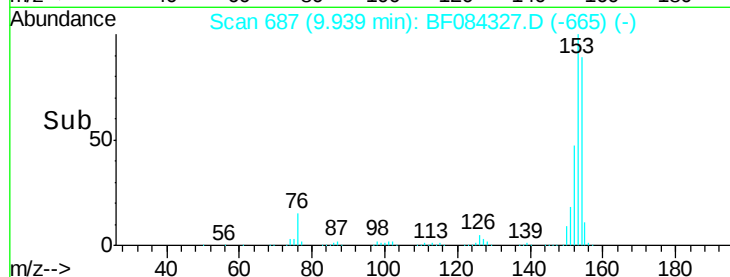
152 52.8 43.0 64.6



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: 44.80 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

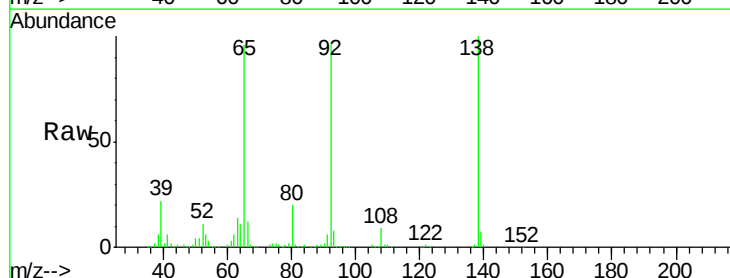
Tgt Ion:138 Resp: 591032

Ion Ratio Lower Upper

138 100

108 9.4 10.5 15.7#

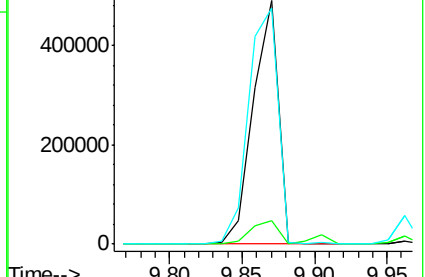
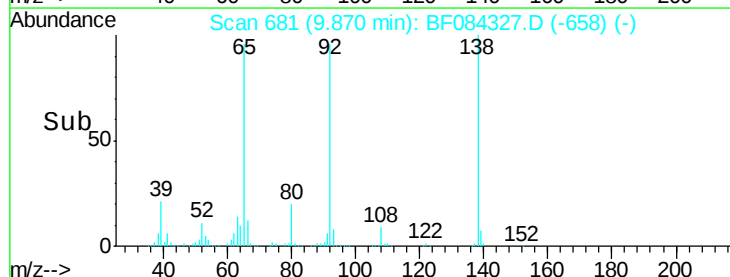
92 97.0 103.9 155.9#



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

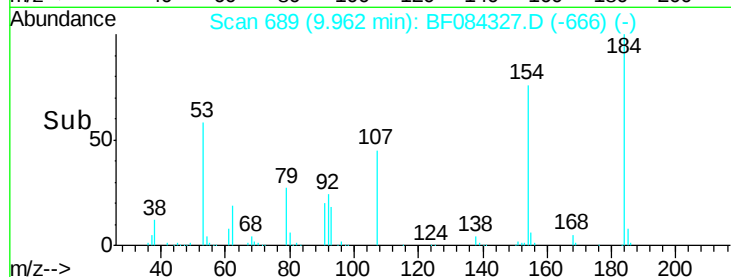
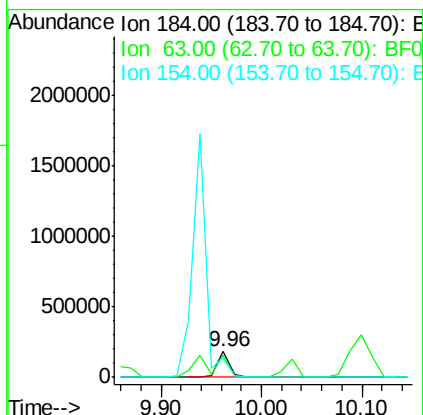
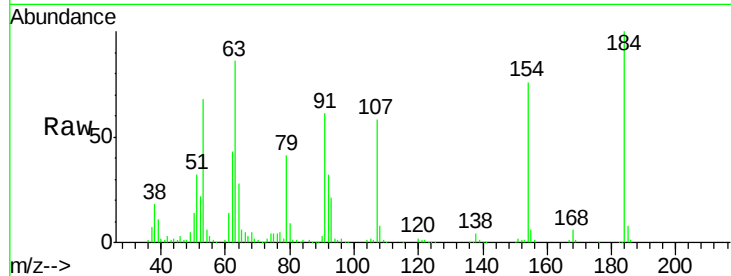




#53
2,4-Dinitrophenol
Concen: 36.73 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

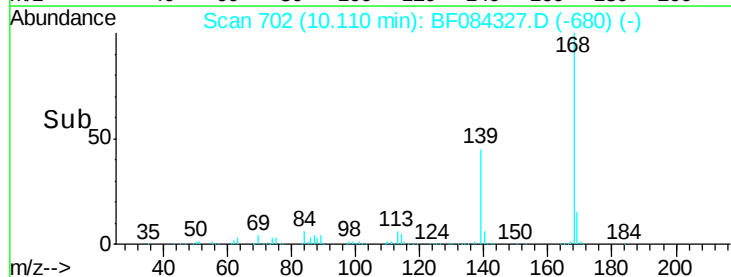
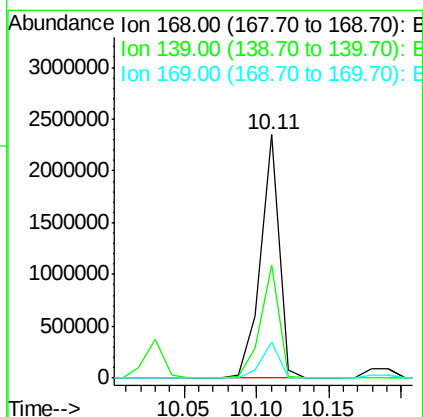
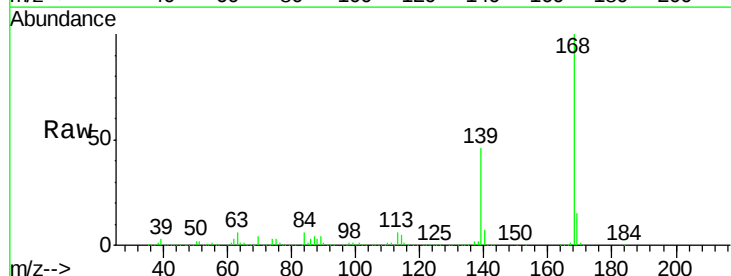
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

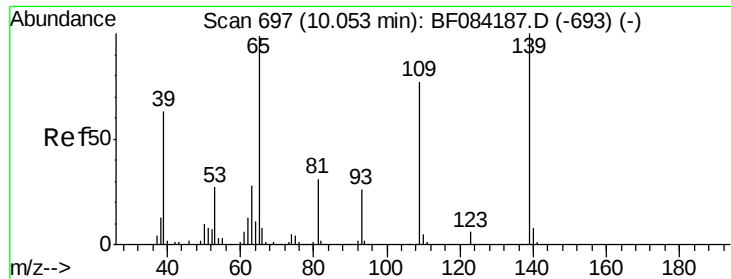
Tgt Ion:184 Resp: 157464
Ion Ratio Lower Upper
184 100
63 86.2 43.1 64.7#
154 76.1 60.5 90.7



#54
Dibenzofuran
Concen: 38.09 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Tgt Ion:168 Resp: 2097285
Ion Ratio Lower Upper
168 100
139 46.3 30.5 45.7#
169 14.9 10.4 15.6





#55

4-Nitrophenol

Concen: 36.30 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

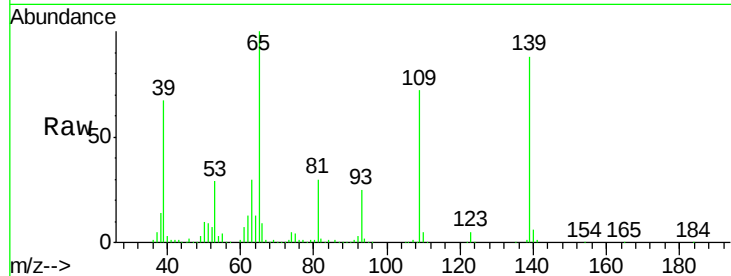
Tgt Ion:139 Resp: 347645

Ion Ratio Lower Upper

139 100

109 81.5 58.5 98.5

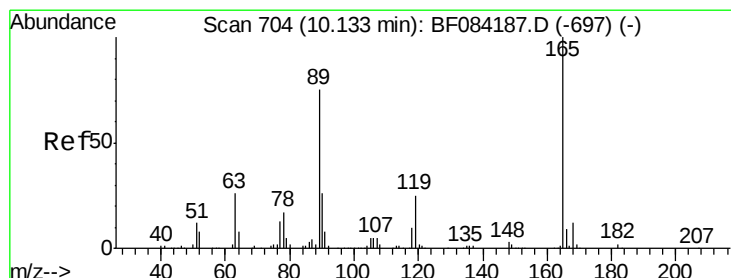
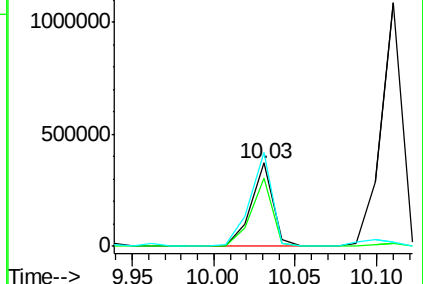
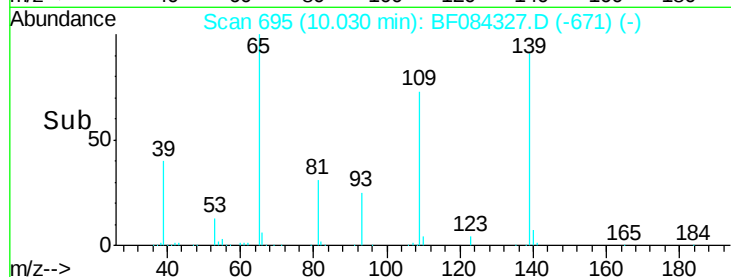
65 113.7 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.92 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Tgt Ion:165 Resp: 632276

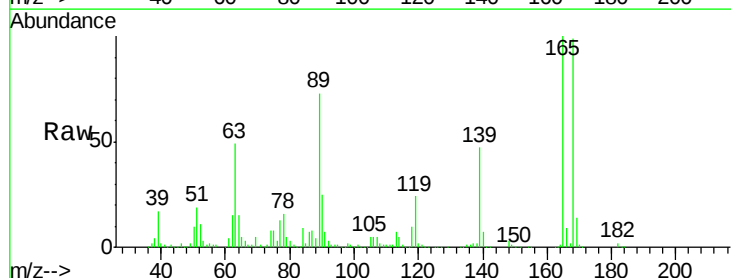
Ion Ratio Lower Upper

165 100

63 49.4 36.7 55.1

89 72.7 61.9 92.9

182 2.4 2.0 3.0

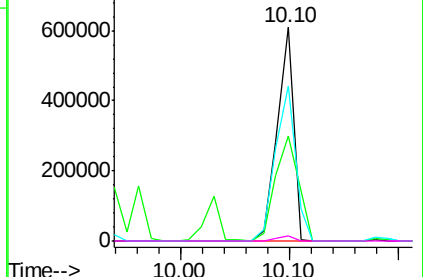
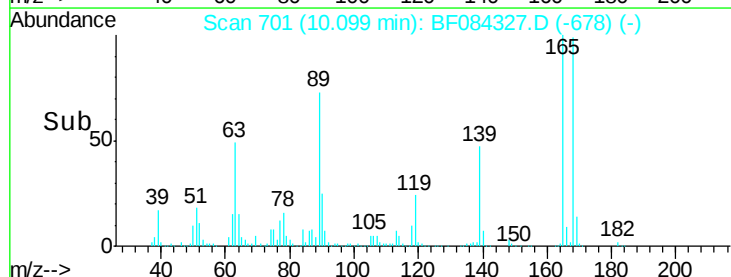


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.78 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

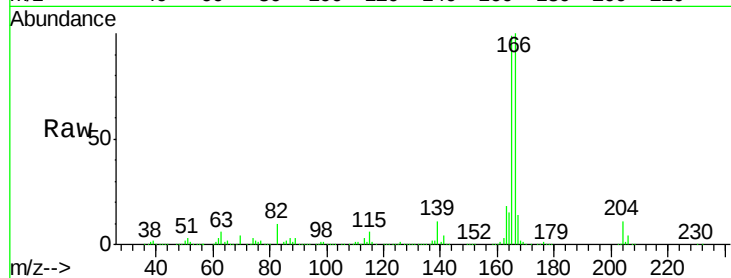
Tgt Ion:166 Resp: 1724930

Ion Ratio Lower Upper

166 100

165 99.2 79.1 118.7

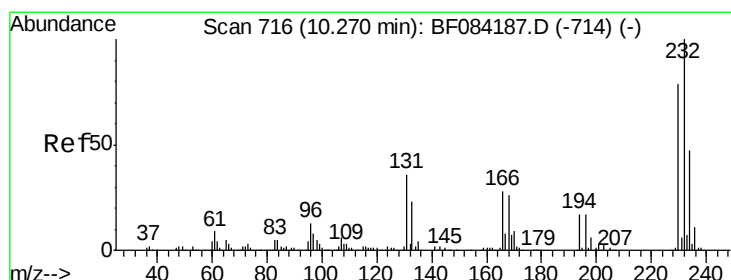
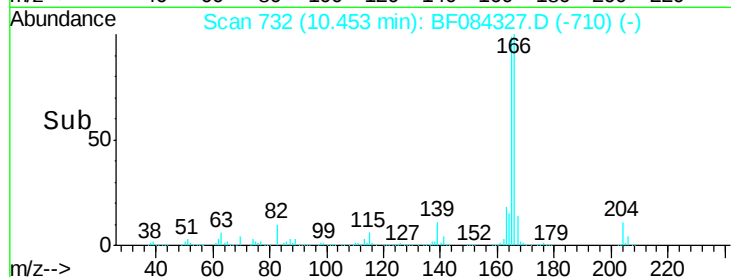
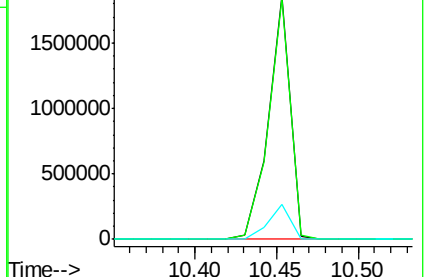
167 14.3 10.4 15.6



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: 37.44 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Tgt Ion:232 Resp: 447547

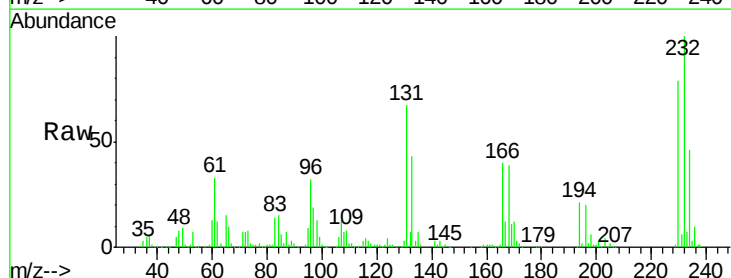
Ion Ratio Lower Upper

232 100

131 50.4 47.0 70.6

130 2.5 2.0 3.0

166 32.1 30.5 45.7

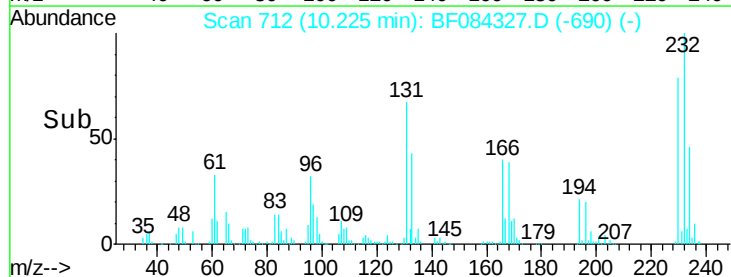
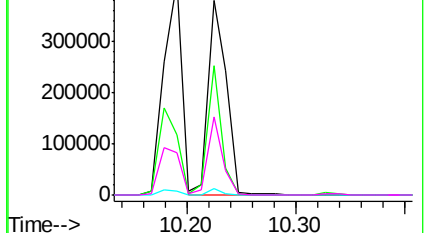


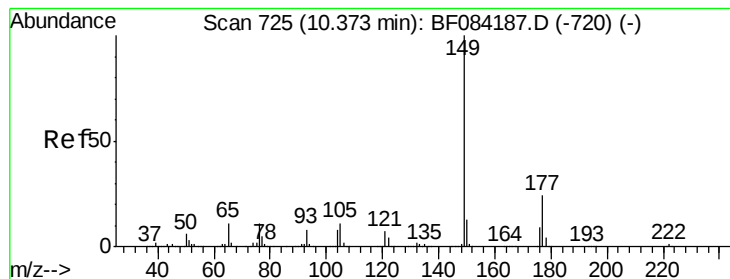
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.62 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

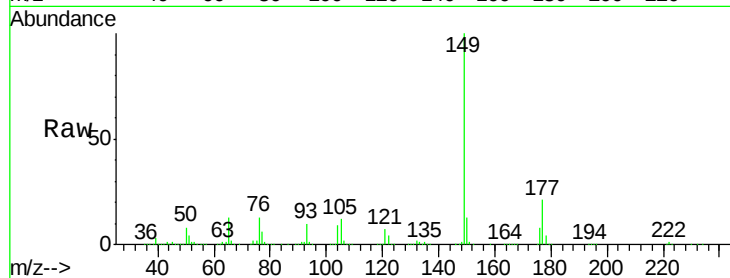
Tgt Ion:149 Resp: 1800470

Ion Ratio Lower Upper

149 100

177 20.9 17.3 25.9

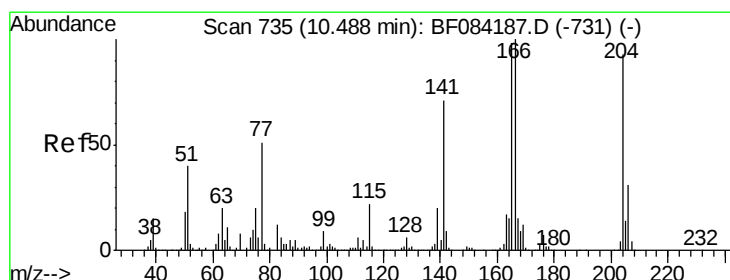
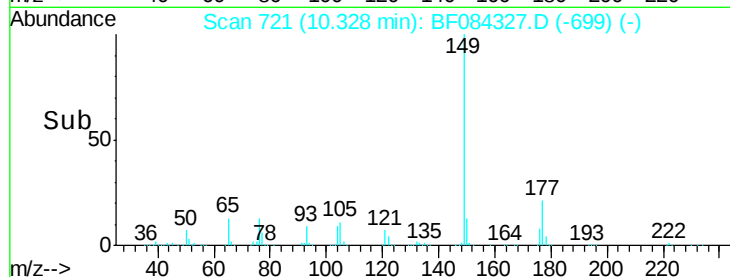
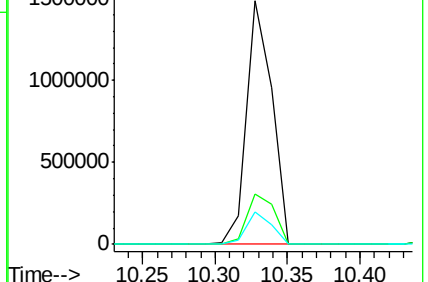
150 13.2 9.8 14.8



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: 38.47 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

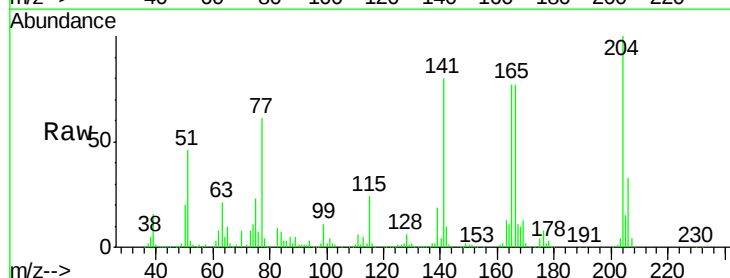
Tgt Ion:204 Resp: 703195

Ion Ratio Lower Upper

204 100

206 33.0 25.7 38.5

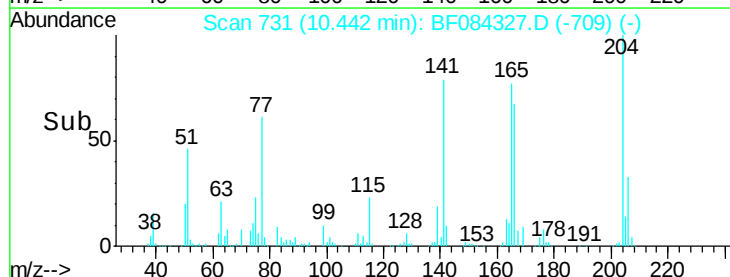
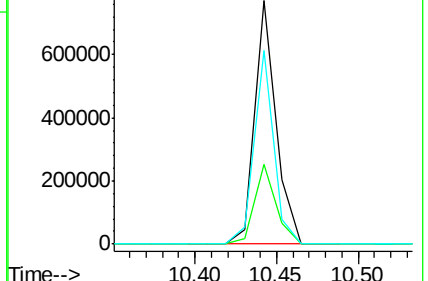
141 79.8 55.1 82.7



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

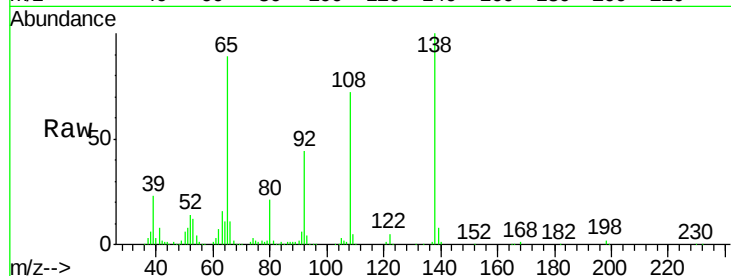




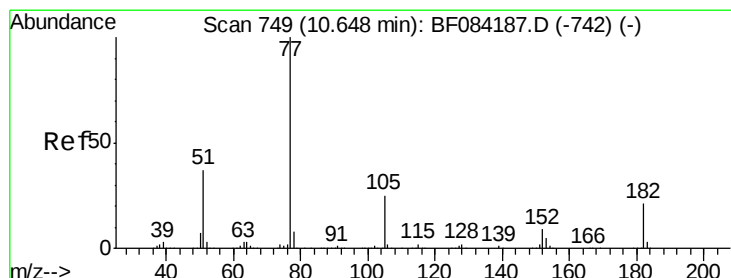
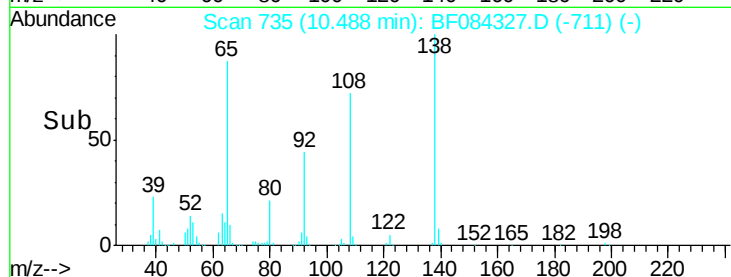
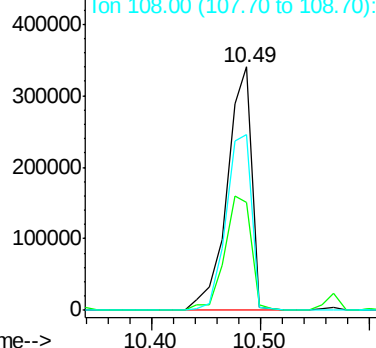
#61
4-Nitroaniline
Concen: 45.82 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 538788
Ion Ratio Lower Upper
138 100
92 44.5 32.6 72.6
108 72.4 68.6 108.6

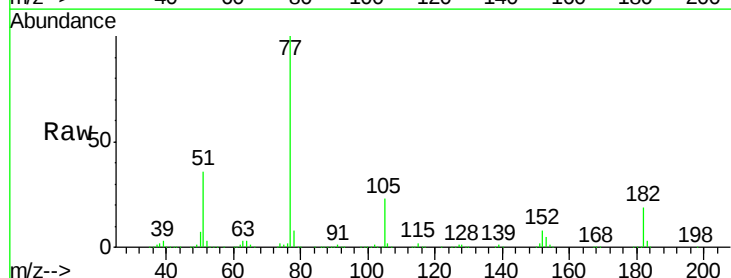


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

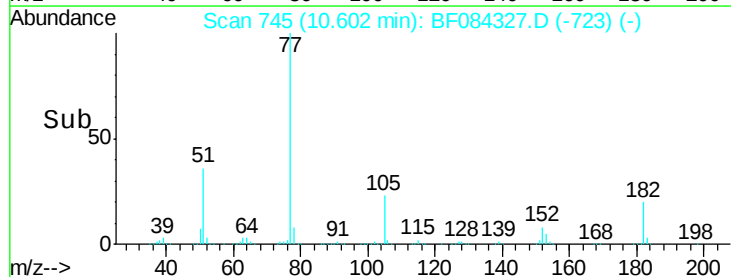
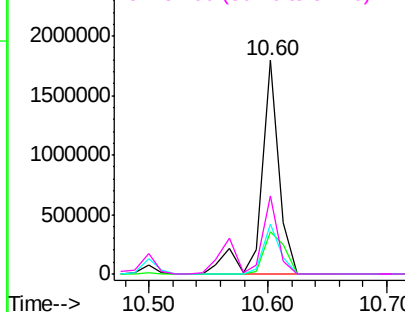


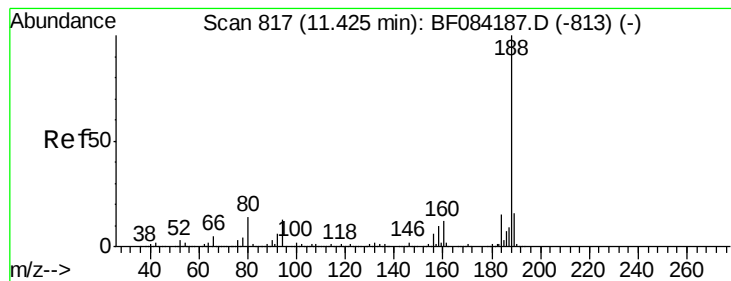
#62
Azobenzene
Concen: 35.73 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Tgt Ion: 77 Resp: 1875817
Ion Ratio Lower Upper
77 100
182 19.5 8.3 48.3
105 23.2 4.6 44.6
51 36.4 6.2 46.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

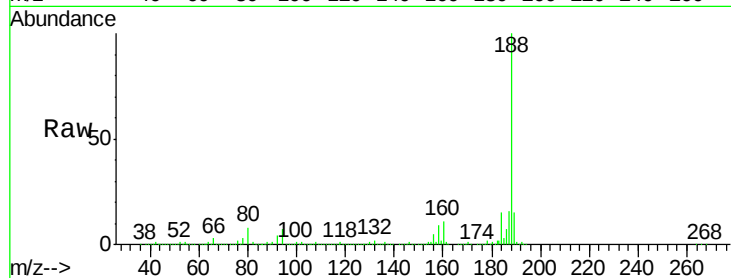
Tgt Ion:188 Resp: 1265221

Ion Ratio Lower Upper

188 100

94 7.4 9.0 13.4#

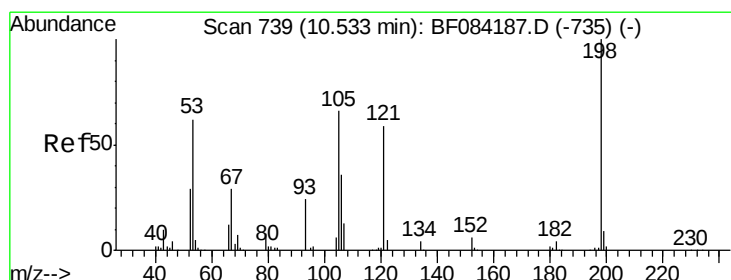
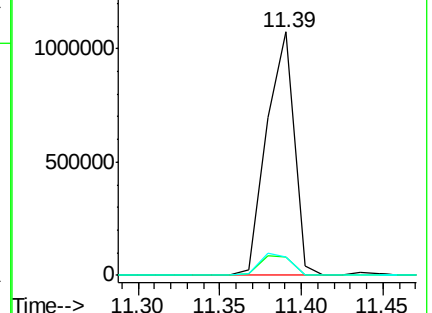
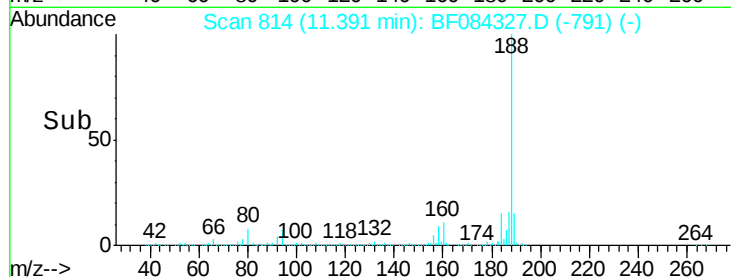
80 7.6 9.6 14.4#



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: 33.74 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

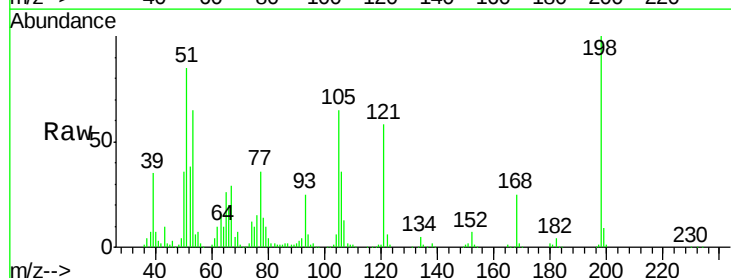
Tgt Ion:198 Resp: 259241

Ion Ratio Lower Upper

198 100

51 85.3 18.9 58.9#

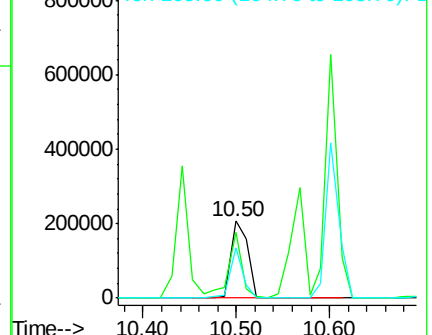
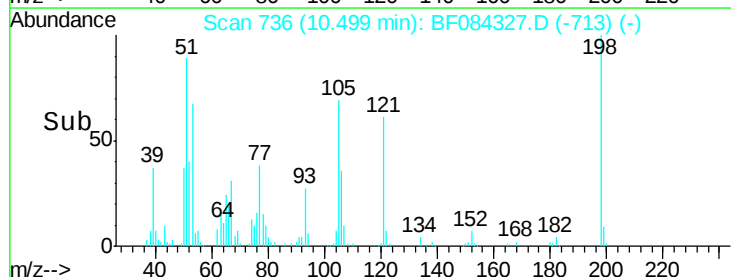
105 65.4 26.4 66.4

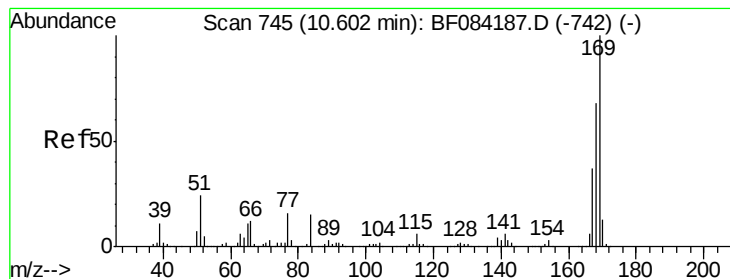


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.07 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

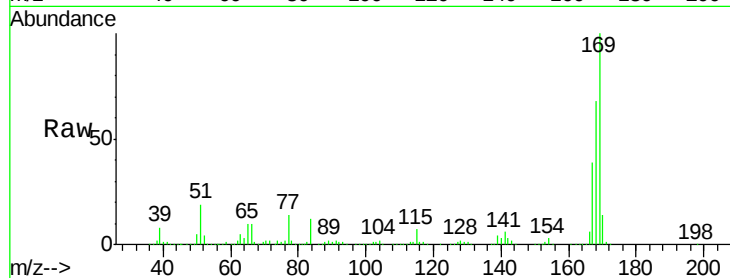
Tgt Ion:169 Resp: 1459294

Ion Ratio Lower Upper

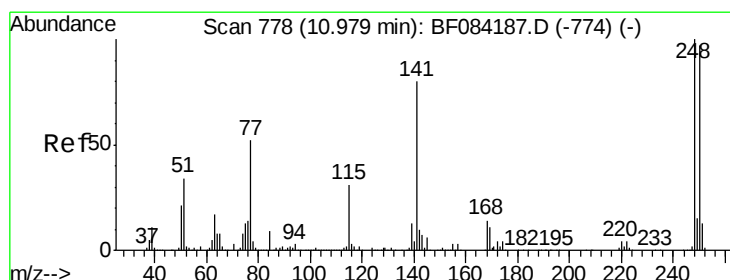
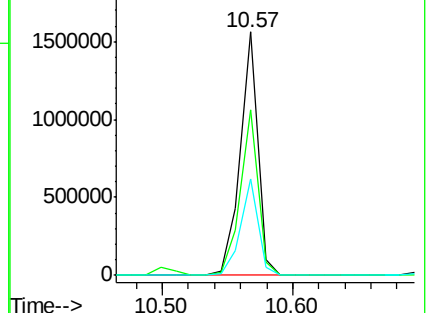
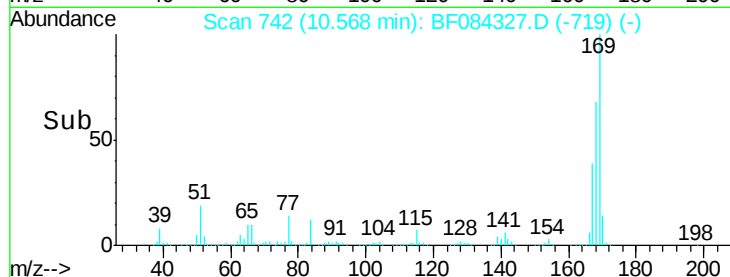
169 100

168 68.2 55.1 82.7

167 39.5 30.0 45.0



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: 35.71 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

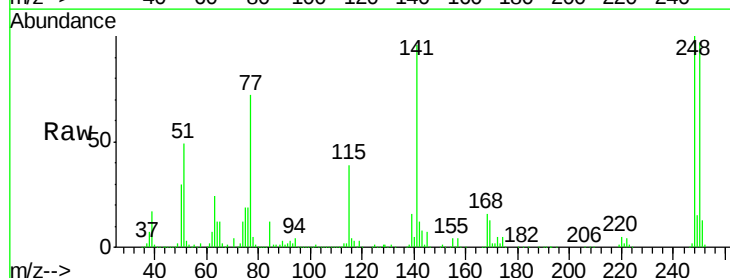
Tgt Ion:248 Resp: 486243

Ion Ratio Lower Upper

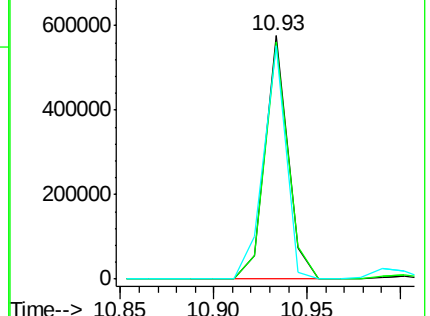
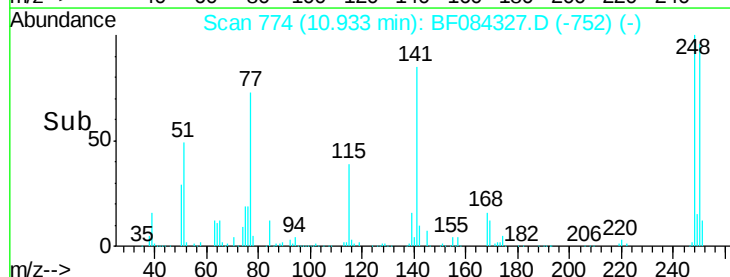
248 100

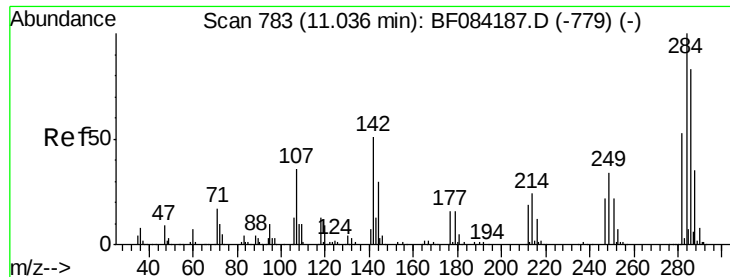
250 97.3 78.4 117.6

141 95.7 44.0 66.0#



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: 39.72 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

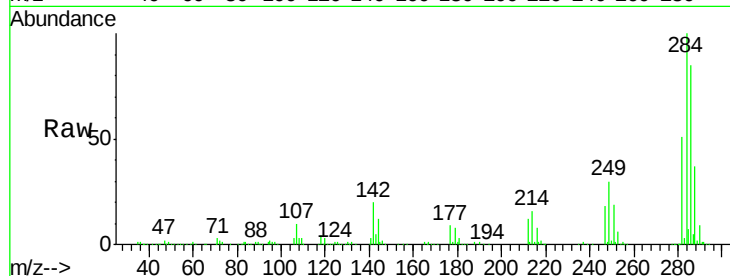
Tgt Ion:284 Resp: 608789

Ion Ratio Lower Upper

284 100

142 20.3 22.2 33.4#

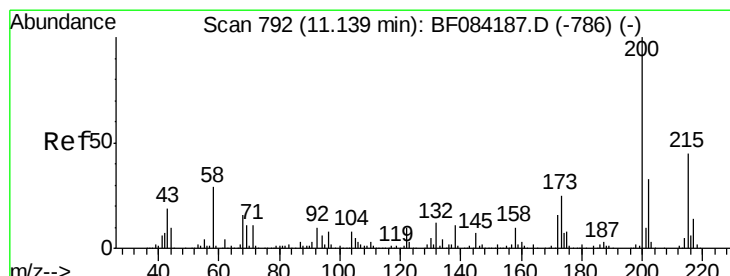
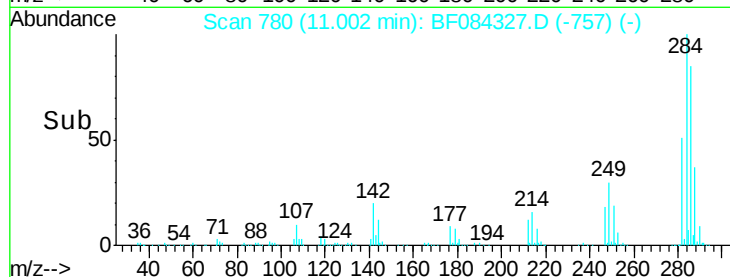
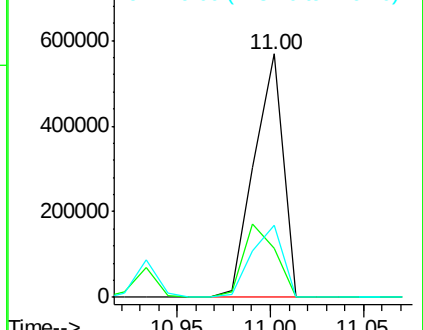
249 29.6 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.54 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

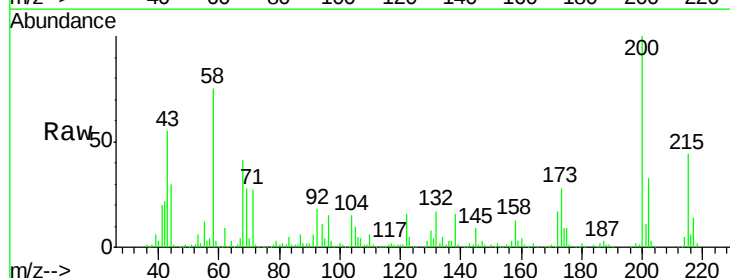
Tgt Ion:200 Resp: 496989

Ion Ratio Lower Upper

200 100

173 28.2 9.5 49.5

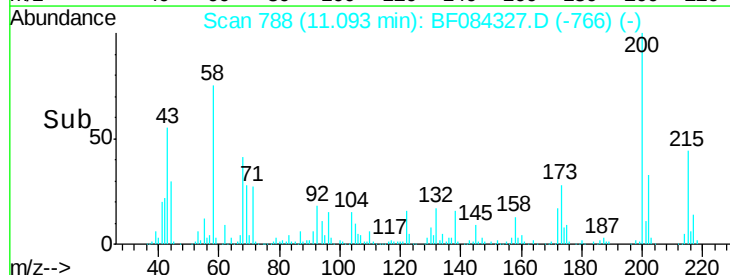
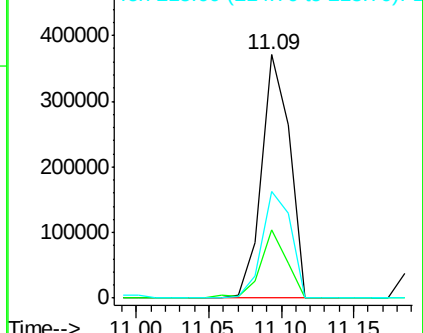
215 44.0 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

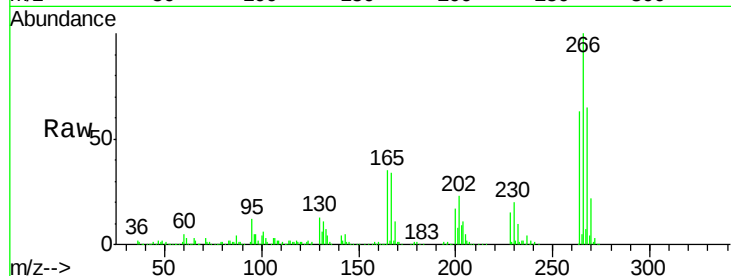




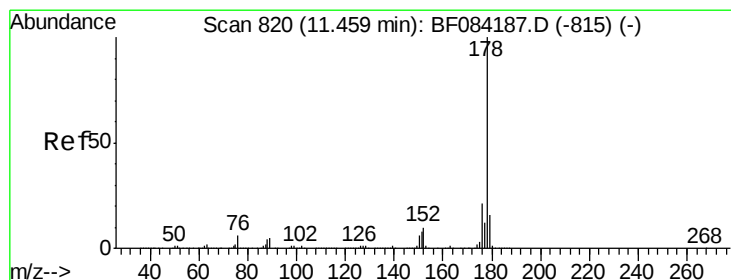
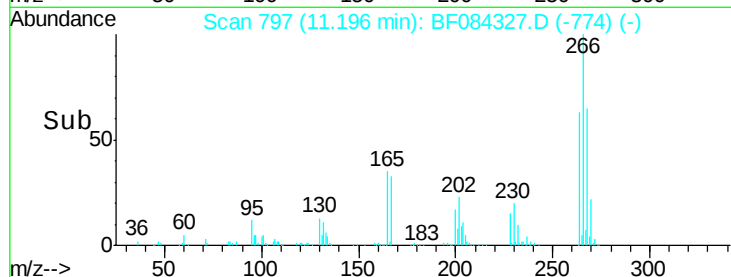
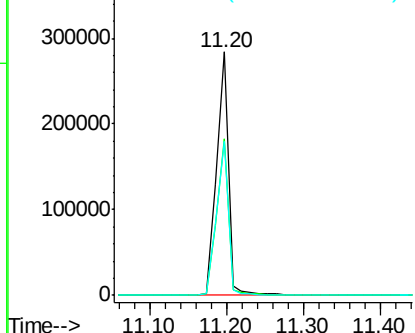
#69
 Pentachlorophenol
 Concen: 38.26 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 266 Resp: 304079
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.4 78.6
 264 63.2 50.2 75.2

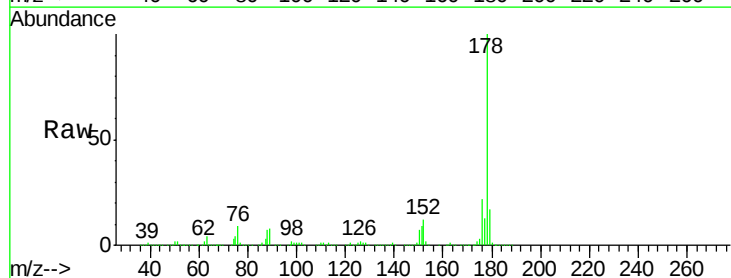


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

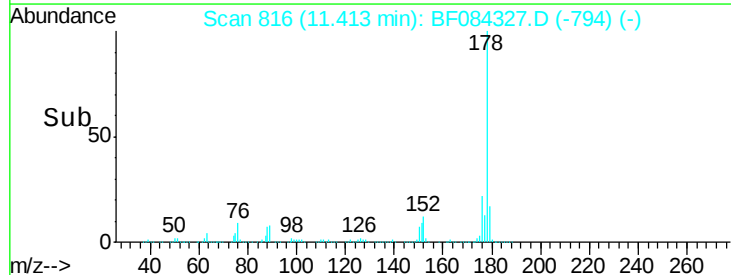
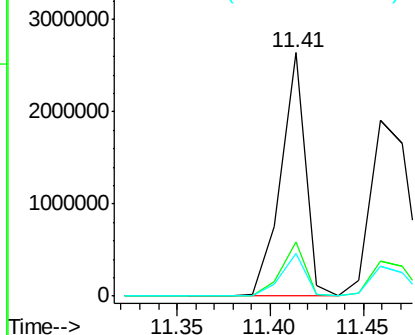


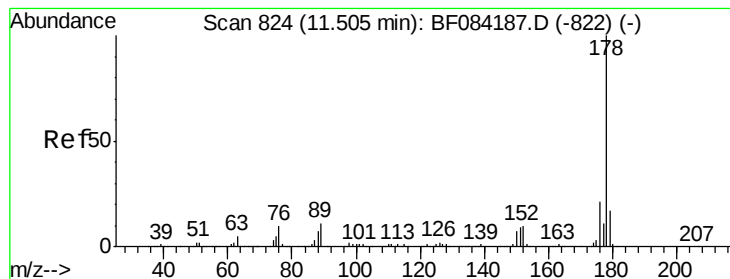
#70
 Phenanthrene
 Concen: 36.68 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

Tgt Ion: 178 Resp: 2427435
 Ion Ratio Lower Upper
 178 100
 176 22.2 15.3 22.9
 179 17.4 12.0 18.0



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: 39.67 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.04 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

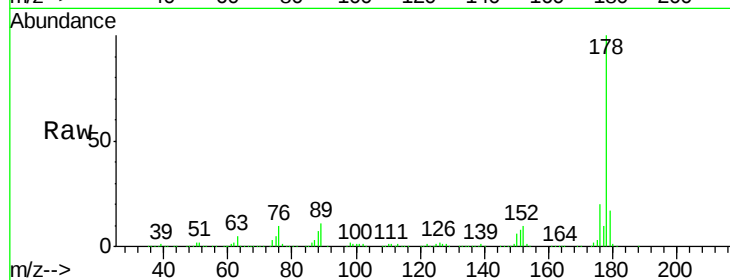
Tgt Ion:178 Resp: 2573908

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.0

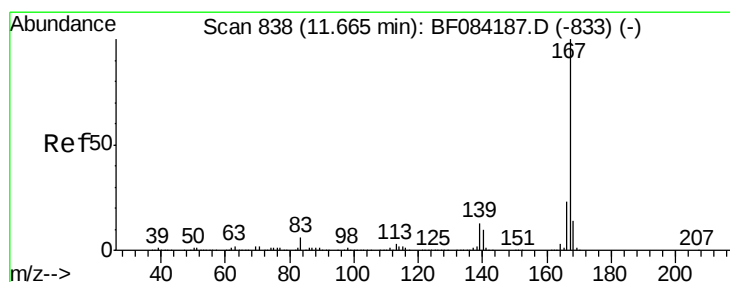
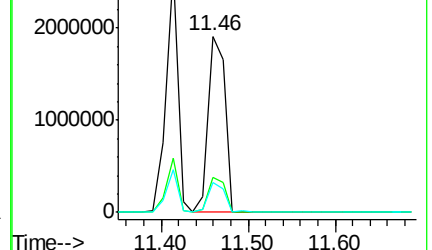
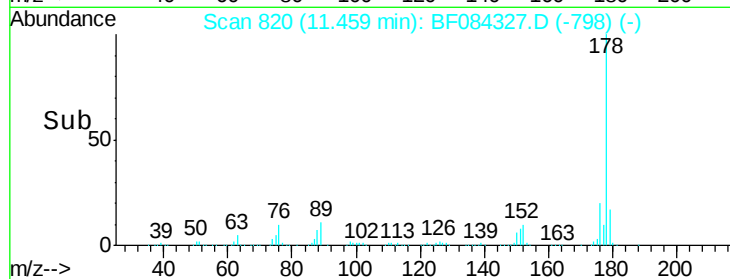
179 16.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 33.16 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

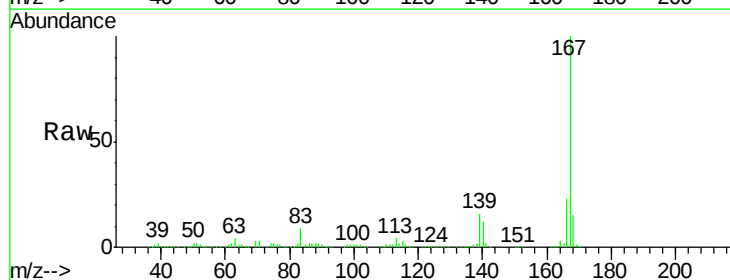
Tgt Ion:167 Resp: 2103373

Ion Ratio Lower Upper

167 100

166 23.2 17.6 26.4

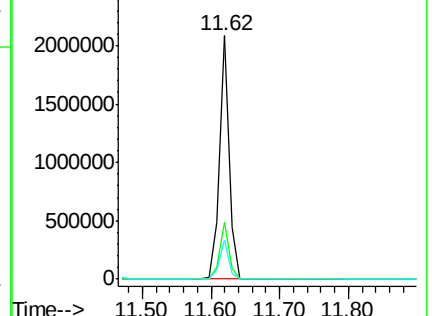
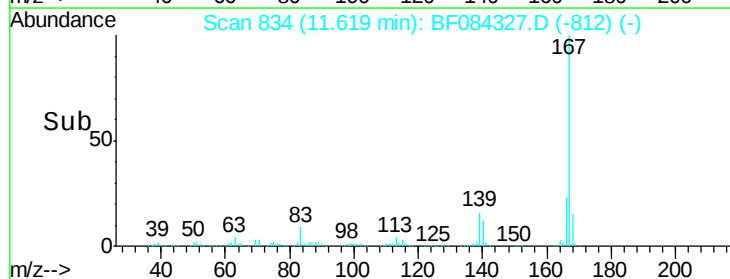
139 16.0 11.8 17.8

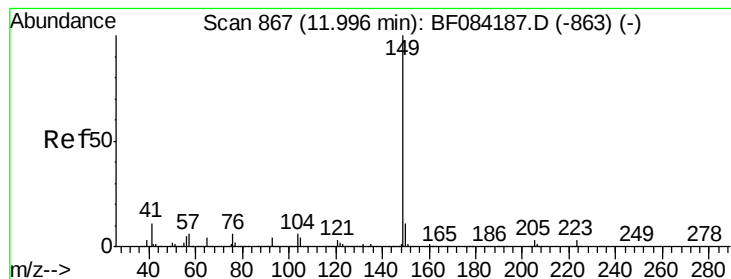


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.34 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

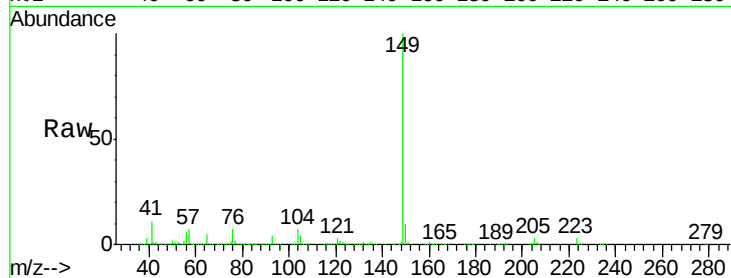
Tgt Ion:149 Resp: 2524890

Ion Ratio Lower Upper

149 100

150 10.5 7.1 10.7

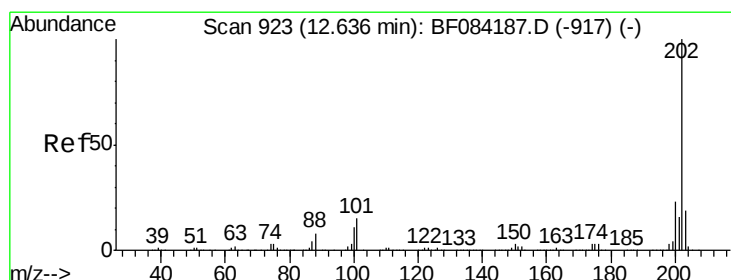
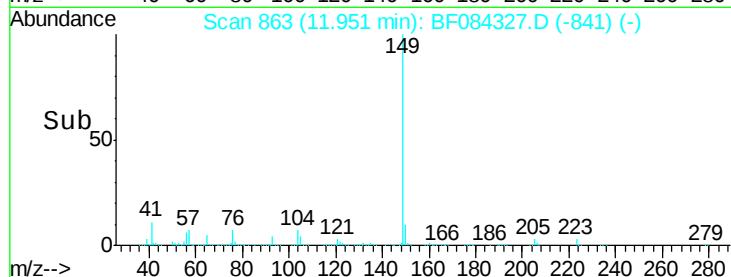
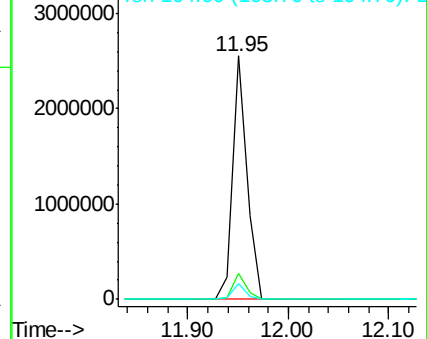
104 6.5 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.32 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

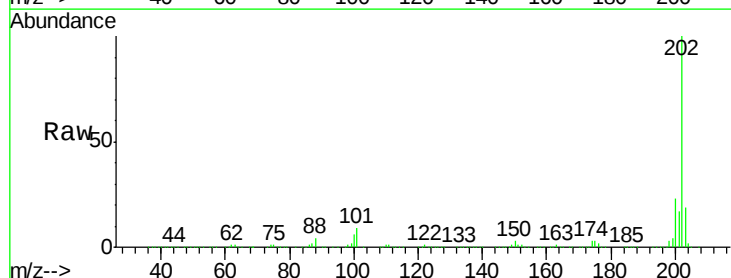
Tgt Ion:202 Resp: 2787461

Ion Ratio Lower Upper

202 100

101 8.6 0.0 32.8

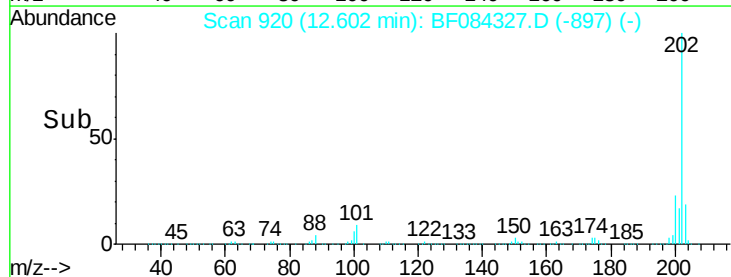
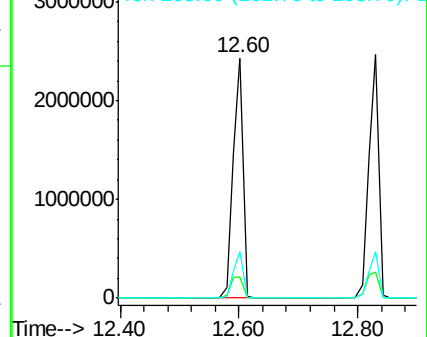
203 19.2 0.0 37.9

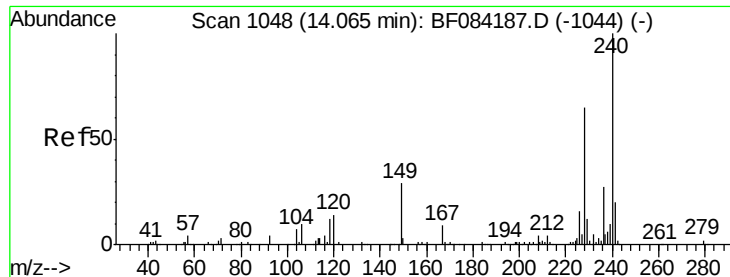


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

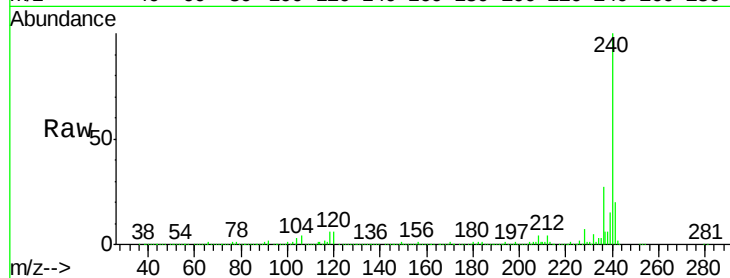
Tgt Ion:240 Resp: 908142

Ion Ratio Lower Upper

240 100

120 6.5 9.5 14.3#

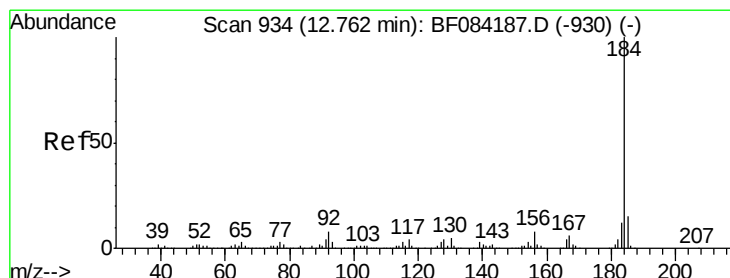
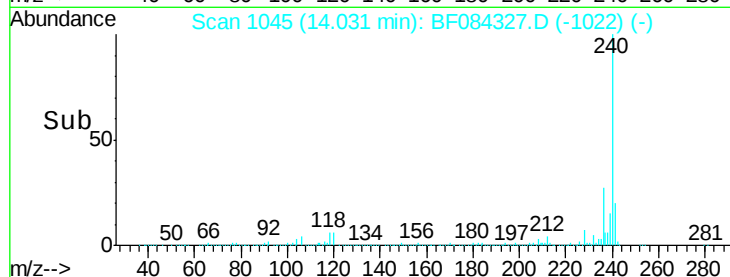
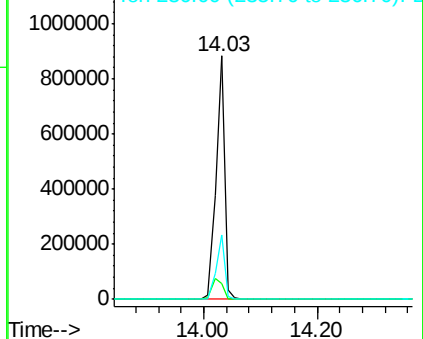
236 26.6 20.6 31.0



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: 34.75 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

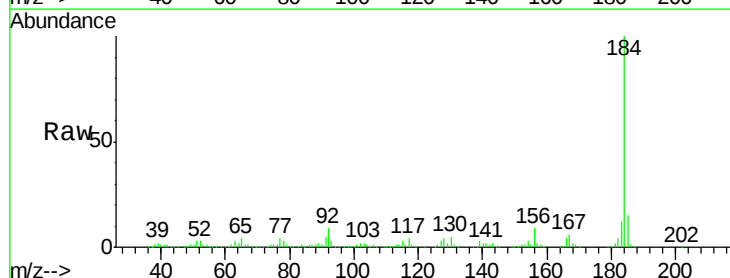
Tgt Ion:184 Resp: 1131657

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

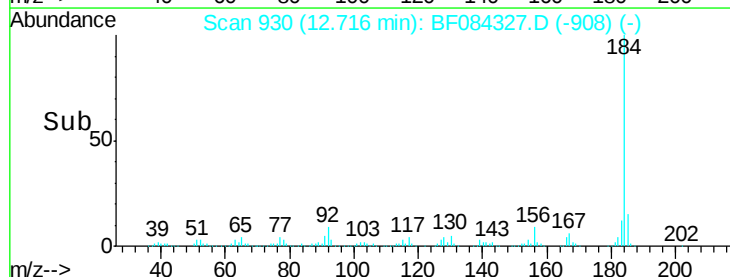
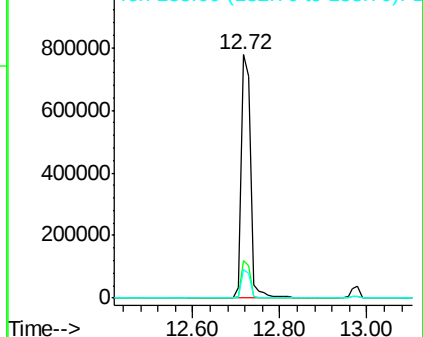
183 11.7 9.8 14.8

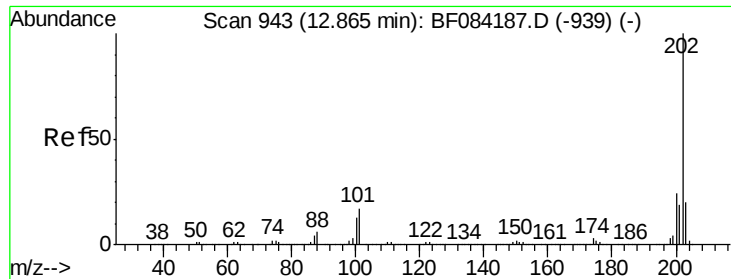


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

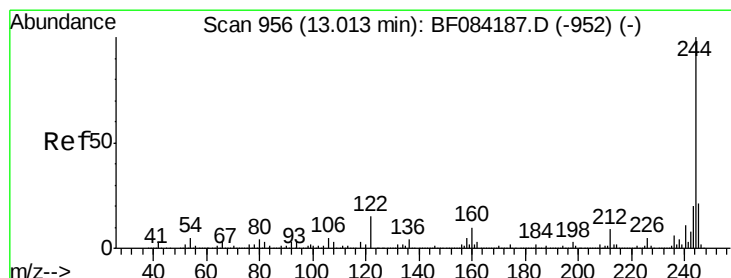
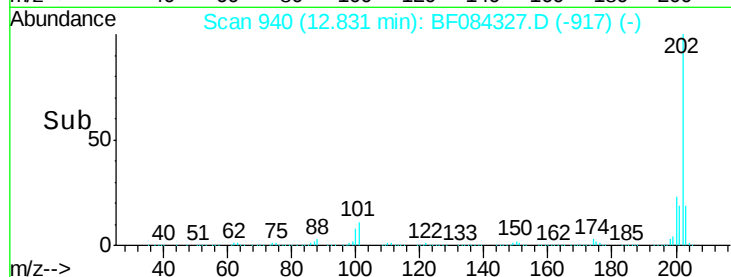
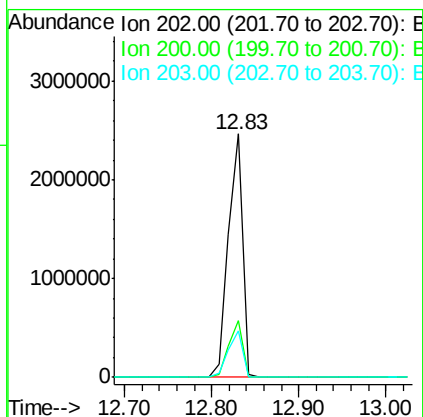
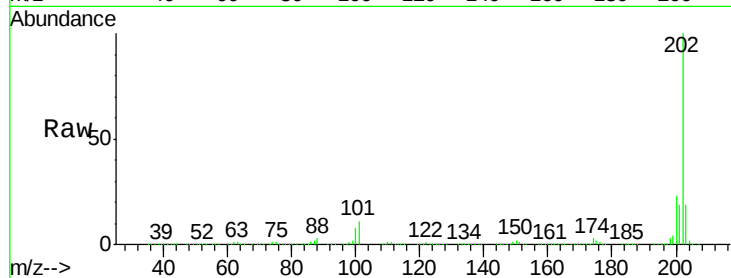




#77
 Pyrene
 Concen: 39.43 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.03 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

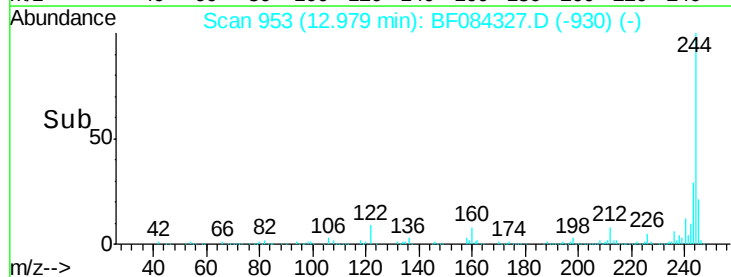
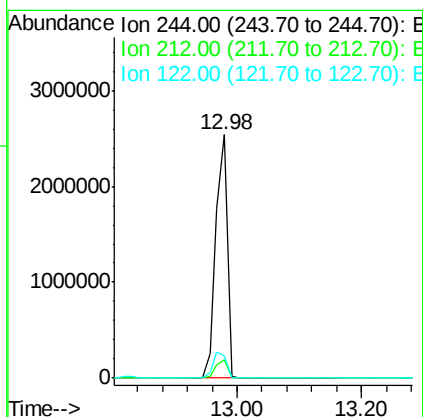
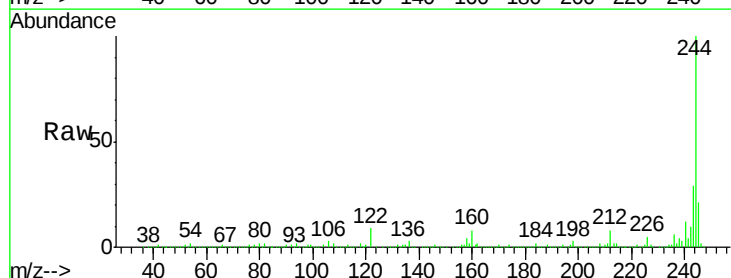
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:202 Resp: 2809639
 Ion Ratio Lower Upper
 202 100
 200 23.5 17.2 25.8
 203 19.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 77.77 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

Tgt Ion:244 Resp: 3163923
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 9.0 7.4 11.0

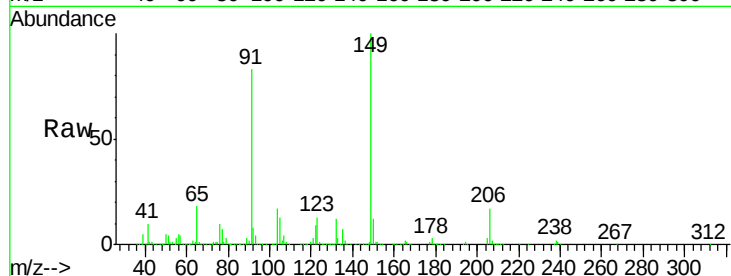




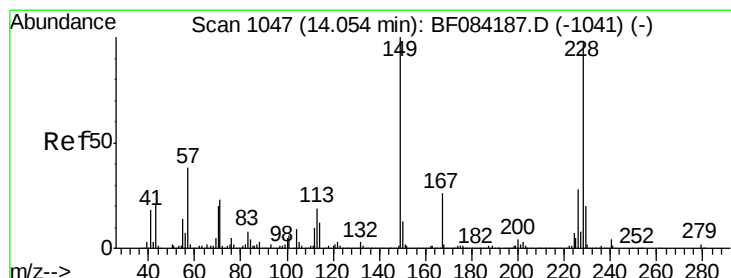
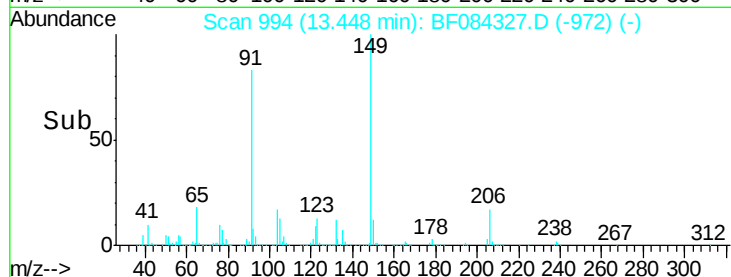
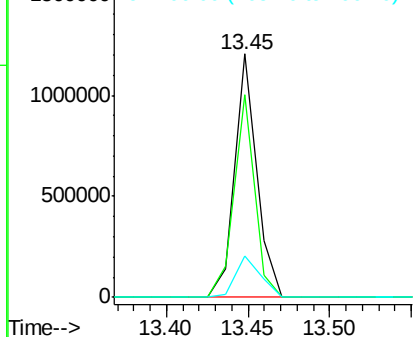
#79
Butylbenzylphthalate
Concen: 36.29 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1119025
Ion Ratio Lower Upper
149 100
91 83.1 57.6 86.4
206 17.1 13.2 19.8

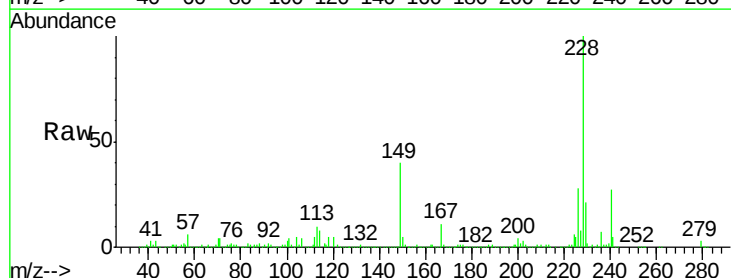


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

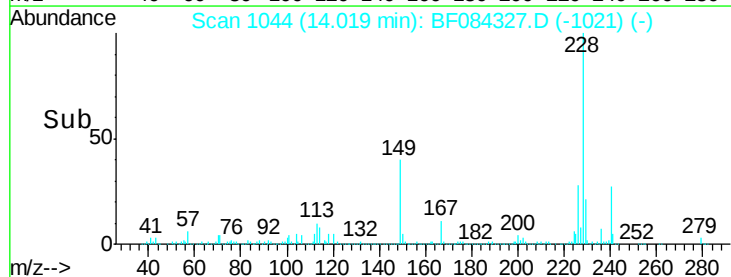
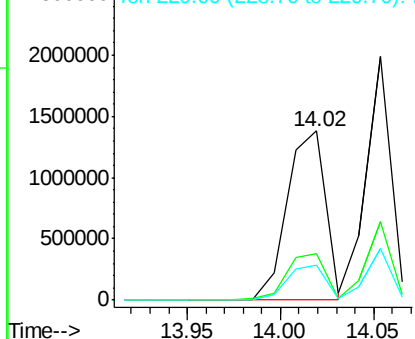


#80
Benzo(a)anthracene
Concen: 37.29 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Tgt Ion:228 Resp: 1988275
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 20.5 15.8 23.8



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

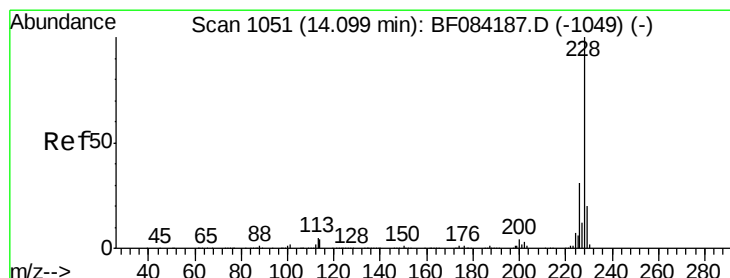
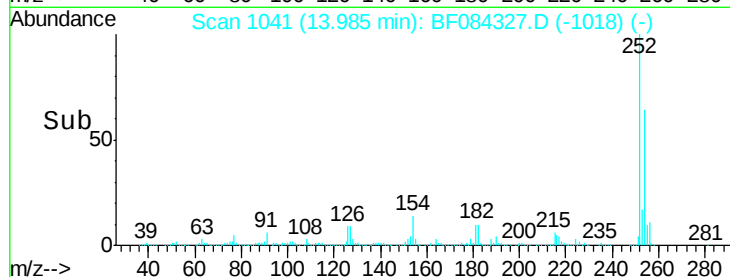
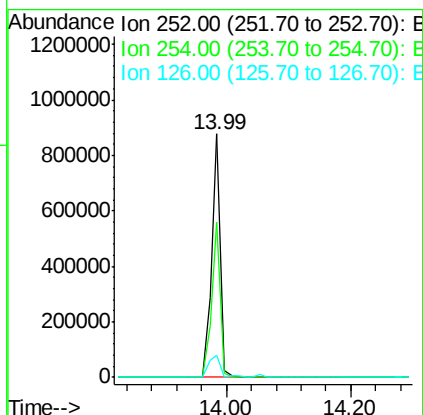
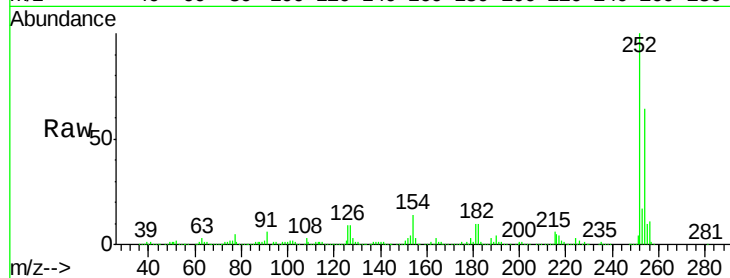




#81
 3,3'-Dichlorobenzidine
 Concen: 44.45 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

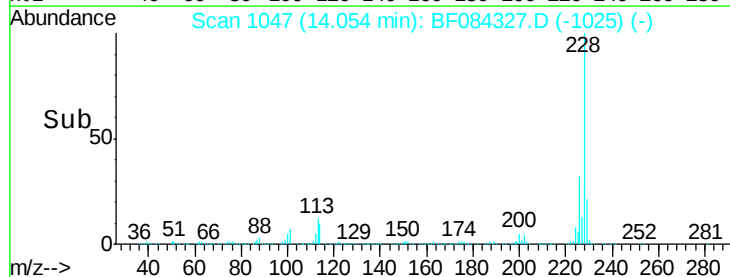
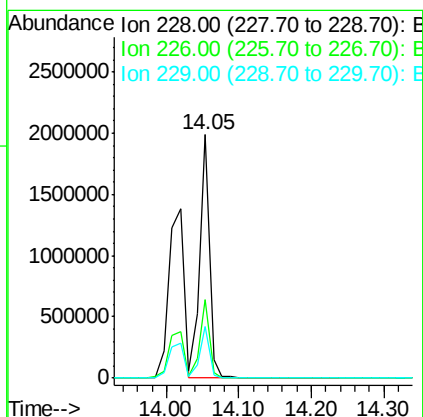
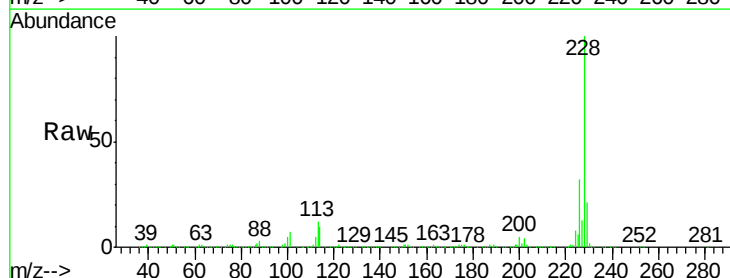
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

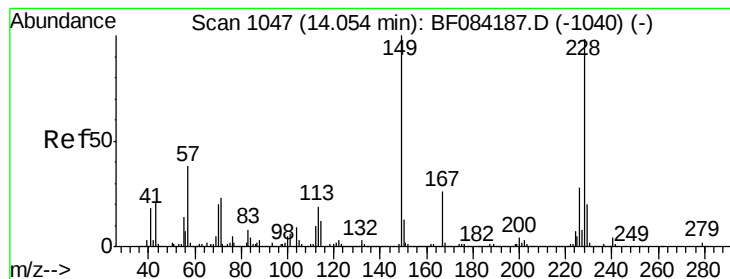
Tgt Ion:252 Resp: 827181
 Ion Ratio Lower Upper
 252 100
 254 63.8 53.5 80.3
 126 9.3 4.9 7.3#



#82
 Chrysene
 Concen: 36.37 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

Tgt Ion:228 Resp: 1863383
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.3 36.5
 229 21.2 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.27 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

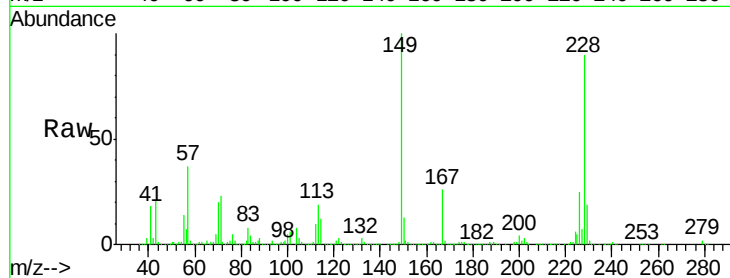
Tgt Ion:149 Resp: 1413025

Ion Ratio Lower Upper

149 100

167 26.0 19.7 29.5

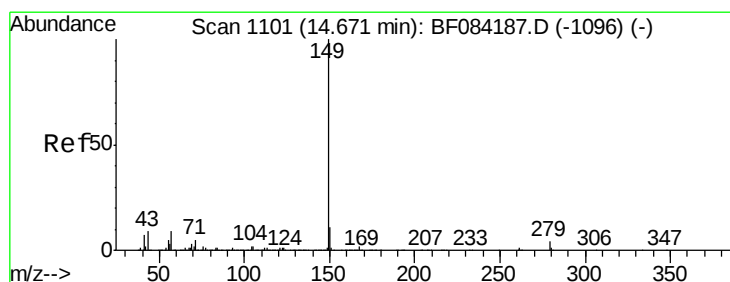
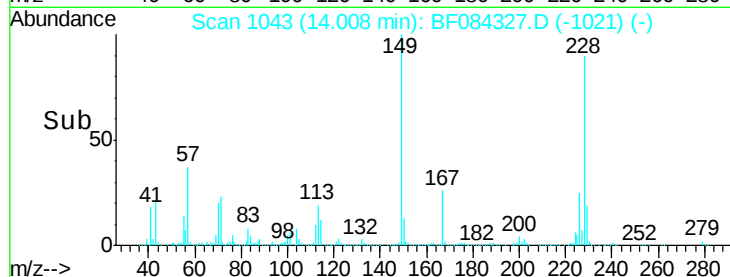
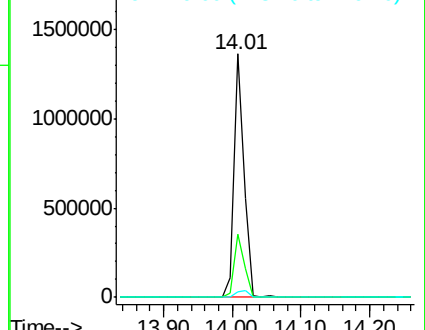
279 2.4 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.08 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.05 min

Lab File: BF084327.D

Acq: 8 Jan 2016 14:50

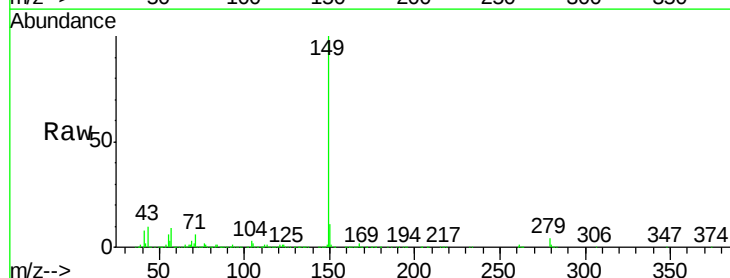
Tgt Ion:149 Resp: 2504815

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

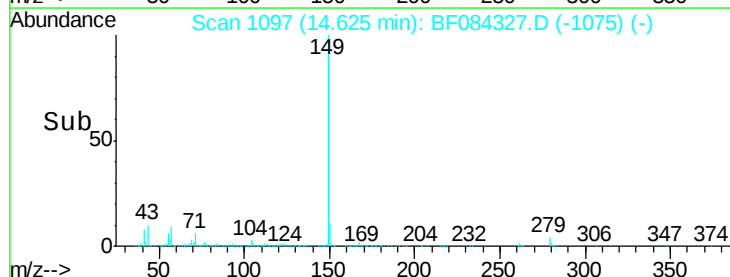
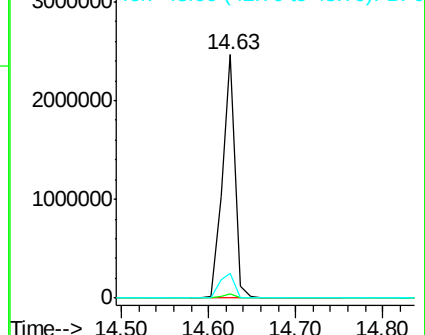
43 12.7 5.6 8.4#

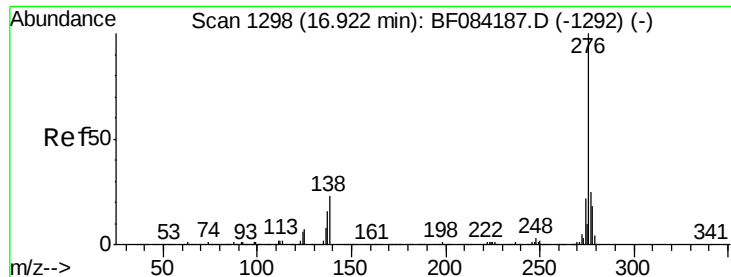


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

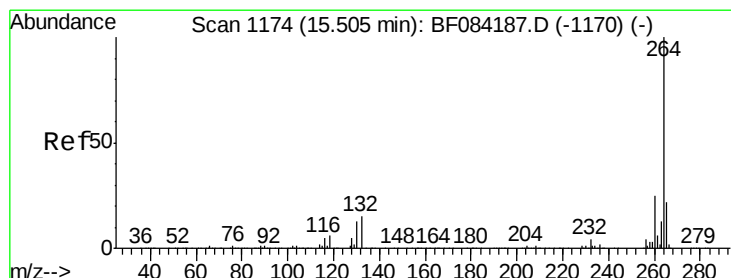
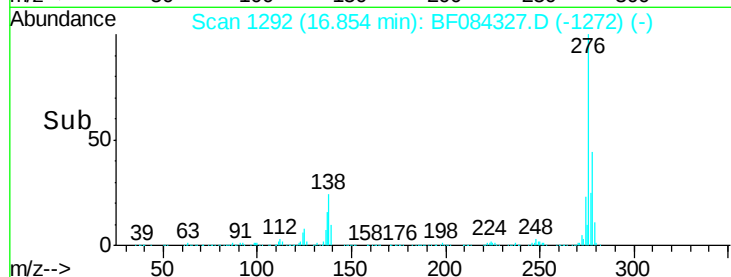
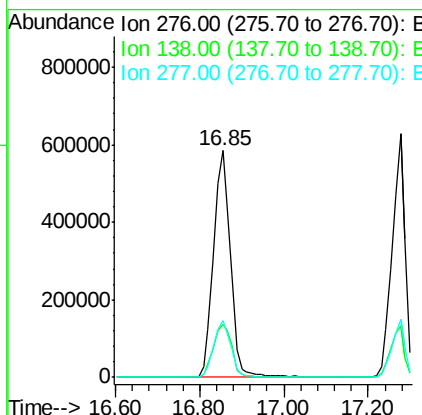
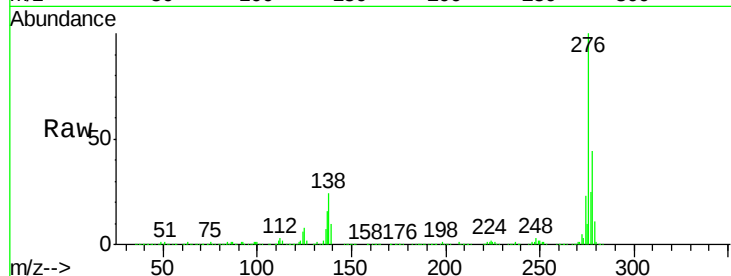




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.85 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. -0.07 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

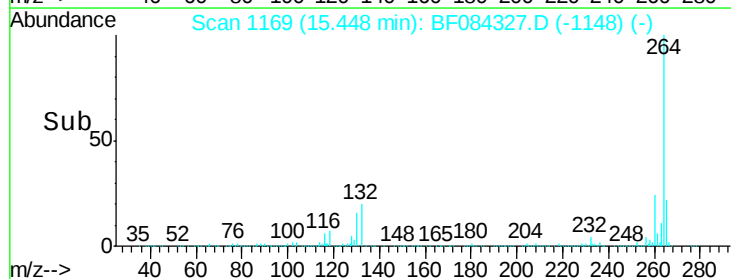
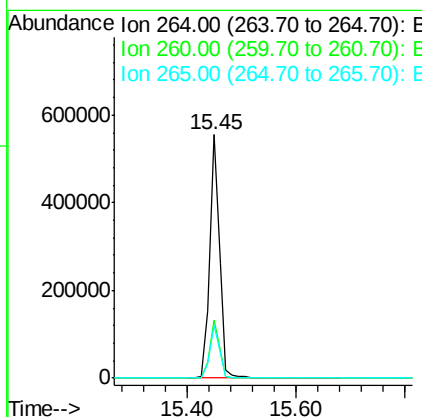
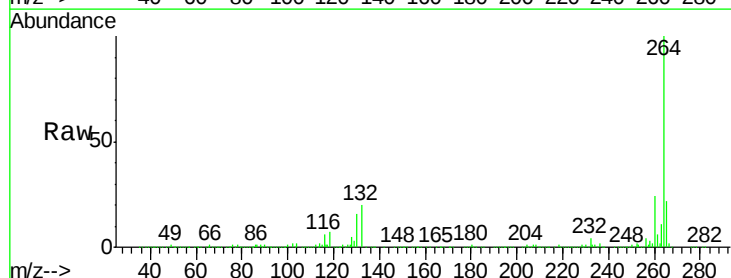
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

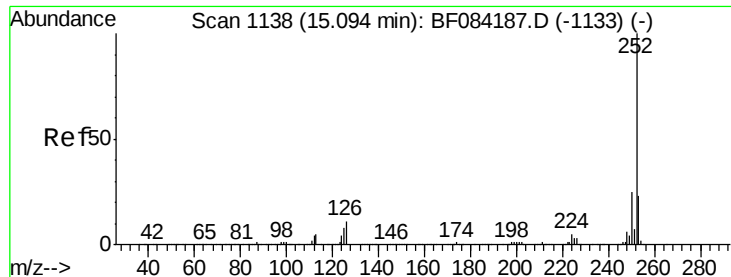
Tgt Ion: 276 Resp: 1659176
 Ion Ratio Lower Upper
 276 100
 138 25.5 20.6 30.8
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

Tgt Ion: 264 Resp: 697784
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.9 17.8 26.6

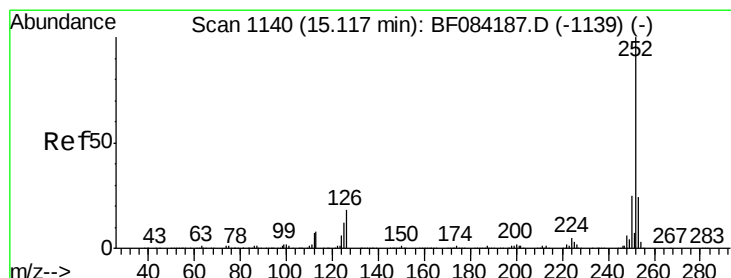
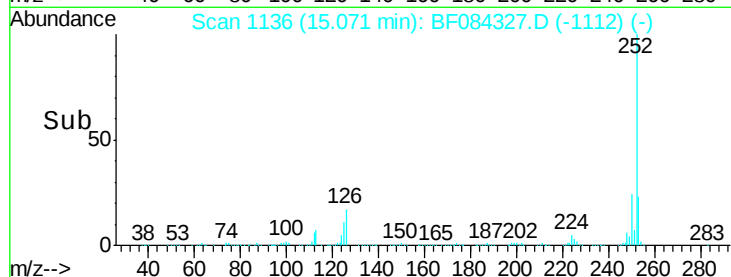
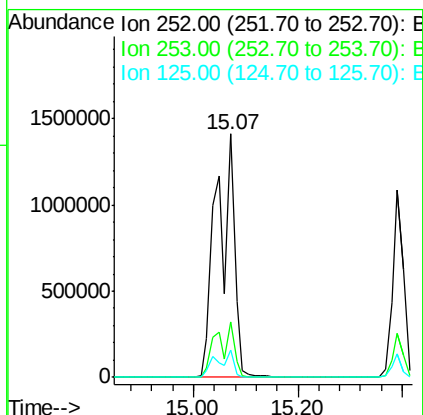
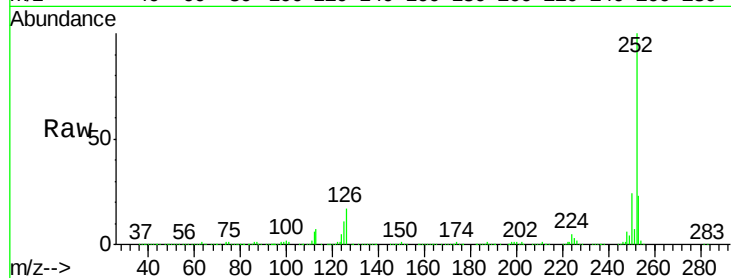




#87
Benzo(b)fluoranthene
Concen: 73.05 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

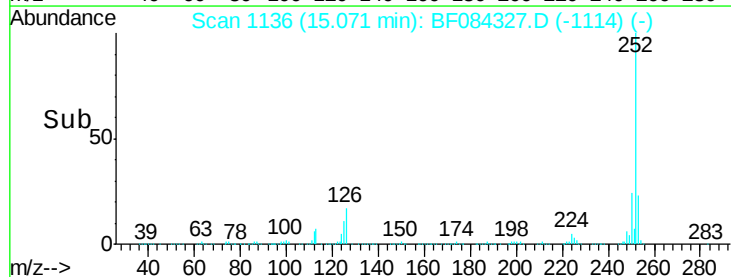
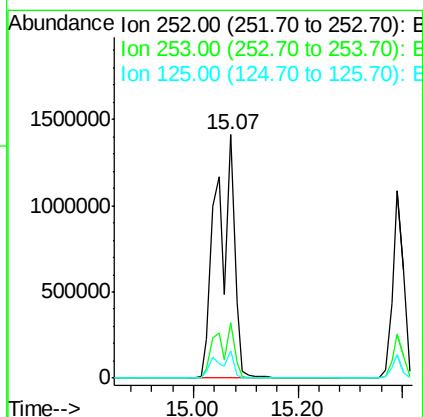
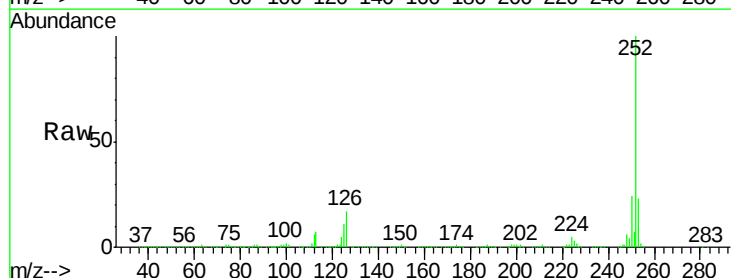
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

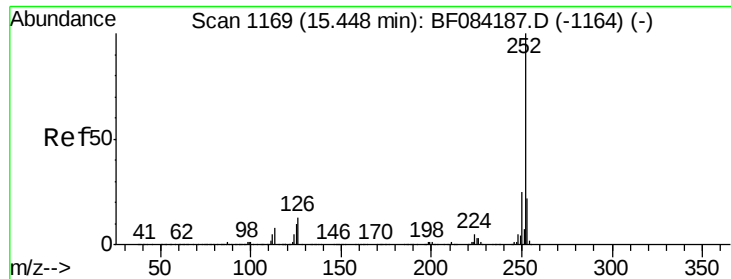
Tgt Ion:252 Resp: 3334362
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 11.2 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 89.32 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Tgt Ion:252 Resp: 3334362
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 11.2 9.0 13.6

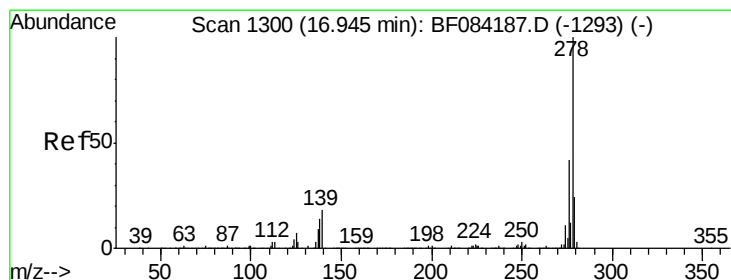
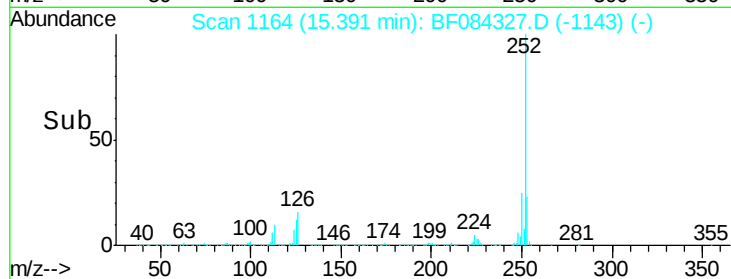
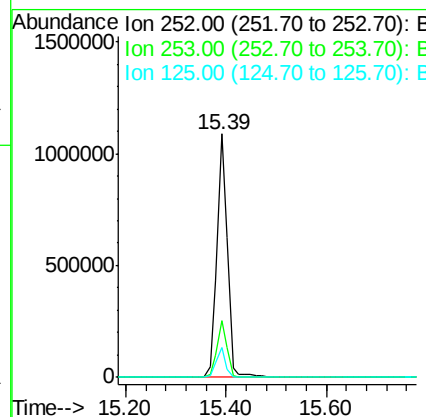
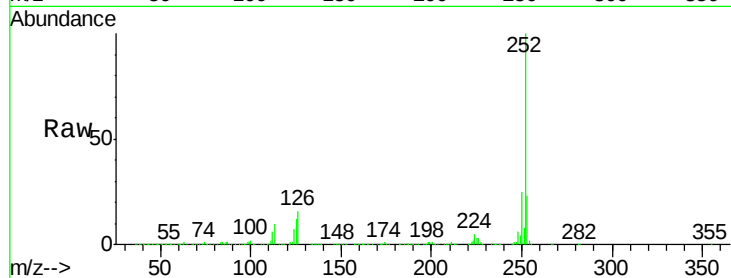




#89
Benzo(a)pyrene
Concen: 40.56 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

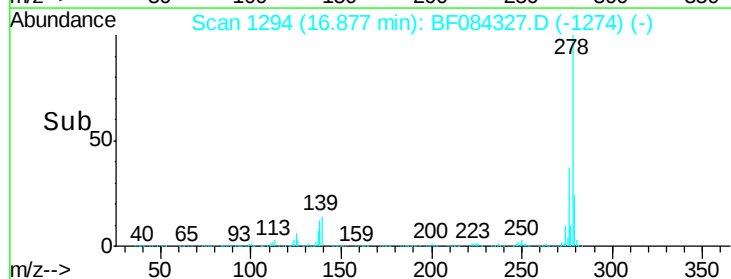
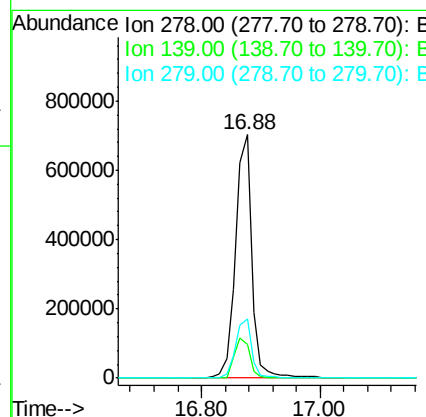
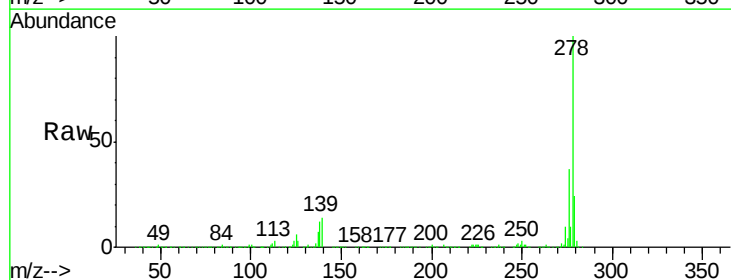
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

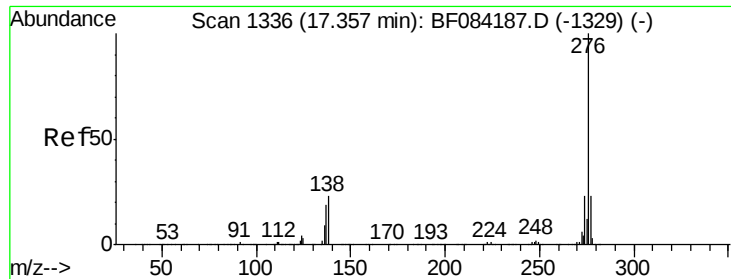
Tgt Ion:252 Resp: 1570157
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 12.4 7.0 10.4#



#90
Dibenzo(a,h)anthracene
Concen: 40.45 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF084327.D
Acq: 8 Jan 2016 14:50

Tgt Ion:278 Resp: 1347562
Ion Ratio Lower Upper
278 100
139 13.8 15.0 22.4#
279 24.3 18.9 28.3

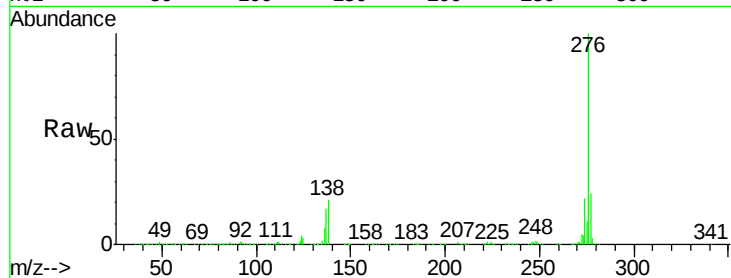




#91
 Benzo(g,h,i)perylene
 Concen: 40.97 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.08 min
 Lab File: BF084327.D
 Acq: 8 Jan 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 1413329
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.8 28.2
 138 21.2 17.8 26.6



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

