

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084484.D
 Acq On : 14 Jan 2016 11:59
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 14 16:35:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	280274	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1138599	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	469234	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	748727	20.00	ng	0.00
75) Chrysene-d12	14.00	240	584000	20.00	ng	0.00
86) Perylene-d12	15.41	264	582931	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1432853	82.69	ng	0.00
7) Phenol-d6	6.48	99	1683592	77.36	ng	0.00
23) Nitrobenzene-d5	7.40	82	1462296	71.48	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	333266	70.35	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	2298964	86.28	ng	0.00
78) Terphenyl-d14	12.95	244	1734558	66.30	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	352052	42.89	ng	# 83
3) Pyridine	3.12	79	995318	43.49	ng	# 80
4) n-Nitrosodimethylamine	3.07	42	416472	35.45	ng	# 92
6) Aniline	6.50	93	1194676	37.53	ng	95
8) 2-Chlorophenol	6.62	128	827446	42.09	ng	94
9) Benzaldehyde	6.38	77	522025	36.84	ng	88
10) Phenol	6.49	94	893796	36.12	ng	77
11) bis(2-Chloroethyl)ether	6.58	93	810516	42.29	ng	95
12) 1,3-Dichlorobenzene	6.77	146	829882	40.92	ng	# 94
13) 1,4-Dichlorobenzene	6.85	146	864562	42.51	ng	95
14) 1,2-Dichlorobenzene	7.00	146	725311	37.24	ng	94
15) Benzyl Alcohol	6.98	79	599892	32.77	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1202577	34.45	ng	86
17) 2-Methylphenol	7.10	107	680148	41.28	ng	98
18) Hexachloroethane	7.34	117	290204	35.68	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	490623	33.30	ng	# 74
20) 3+4-Methylphenols	7.25	107	701627	36.23	ng	# 55
22) Acetophenone	7.25	105	1076345	39.31	ng	# 93
24) Nitrobenzene	7.42	77	895756	43.17	ng	97
25) Isophorone	7.66	82	1517092	38.77	ng	97
26) 2-Nitrophenol	7.74	139	376067	39.82	ng	# 82
27) 2,4-Dimethylphenol	7.78	122	696751	36.45	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	963635	40.32	ng	# 96
29) 2,4-Dichlorophenol	7.98	162	625500	39.28	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	652503	39.69	ng	96
31) Naphthalene	8.14	128	2023145	39.16	ng	98
32) Benzoic acid	7.89	122	231419	22.62	ng	97
33) 4-Chloroaniline	8.20	127	933020	39.40	ng	# 88
34) Hexachlorobutadiene	8.26	225	360667	38.17	ng	99
35) Caprolactam	8.57	113	182898	34.07	ng	# 52
36) 4-Chloro-3-methylphenol	8.68	107	621099	34.82	ng	94
37) 2-Methylnaphthalene	8.84	142	1383646	37.31	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	611906	45.36	ng	100
40) Hexachlorocyclopentadiene	8.99	237	102149	12.54	ng	99

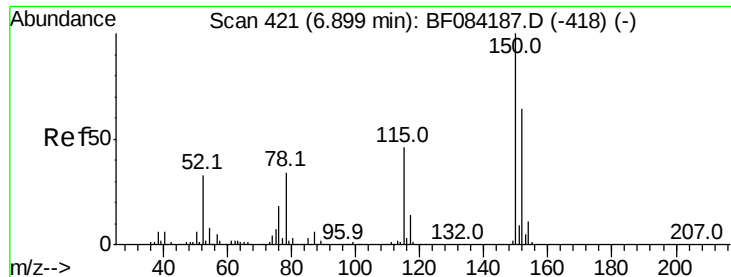
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	393260	38.97	nq	95
43) 2,4,5-Trichlorophenol	9.16	196	403380	41.69	nq	96
45) 1,1'-Biphenyl	9.30	154	1540986	41.32	nq	99
46) 2-Chloronaphthalene	9.32	162	1134045	38.71	nq	95
47) 2-Nitroaniline	9.42	65	443815	45.90	nq	# 74
48) Acenaphthylene	9.73	152	1755915	40.57	nq	97
49) Dimethylphthalate	9.61	163	1497242	44.63	nq	# 91
50) 2,6-Dinitrotoluene	9.66	165	314241	42.71	nq	# 73
51) Acenaphthene	9.90	154	1135847	39.13	nq	96
52) 3-Nitroaniline	9.84	138	417686	45.82	nq	# 79
53) 2,4-Dinitrophenol	9.94	184	31443	13.14	nq	86
54) Dibenzofuran	10.08	168	1530012	40.39	nq	92
55) 4-Nitrophenol	10.00	139	213736	32.30	nq	# 71
56) 2,4-Dinitrotoluene	10.06	165	385339	41.38	nq	98
57) Fluorene	10.42	166	1088294	37.01	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	308042	37.29	nq	87
59) Diethylphthalate	10.30	149	1373988	41.54	nq	95
60) 4-Chlorophenyl-phenylether	10.42	204	579978	47.77	nq	92
61) 4-Nitroaniline	10.44	138	304550	37.47	nq	86
62) Azobenzene	10.58	77	1447482	39.90	nq	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	60750	16.42	nq	# 37
65) n-Nitrosodiphenylamine	10.53	169	1007058	42.07	nq	98
66) 4-Bromophenyl-phenylether	10.91	248	360757	44.77	nq	95
67) Hexachlorobenzene	10.97	284	345521	38.09	nq	# 87
68) Atrazine	11.06	200	296023	37.79	nq	99
69) Pentachlorophenol	11.16	266	144440	30.71	nq	96
70) Phenanthrene	11.38	178	1520979	38.84	nq	97
71) Anthracene	11.44	178	1678099	43.71	nq	99
72) Carbazole	11.58	167	1392226	37.09	nq	100
73) Di-n-butylphthalate	11.93	149	1919987	49.30	nq	98
74) Fluoranthene	12.57	202	1446044	35.34	nq	99
76) Benzidine	12.69	184	735338	35.12	nq	99
77) Pyrene	12.80	202	1484029	32.38	nq	99
79) Butylbenzylphthalate	13.41	149	651181	32.84	nq	# 83
80) Benzo(a)anthracene	13.99	228	1243500	36.26	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	541437	45.24	nq	# 98
82) Chrysene	14.02	228	1187587	36.04	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	832229	33.22	nq	# 94
84) Di-n-octyl phthalate	14.59	149	1529785	36.17	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.80	276	1260380	48.25	nq	97
87) Benzo(b)fluoranthene	15.01	252	1495410m	39.22	nq	
88) Benzo(k)fluoranthene	15.04	252	1074590m	34.46	nq	
89) Benzo(a)pyrene	15.36	252	1273031	39.36	nq	# 96
90) Dibenzo(a,h)anthracene	16.82	278	1044967	37.55	nq	96
91) Benzo(g,h,i)perylene	17.22	276	1010297	35.05	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

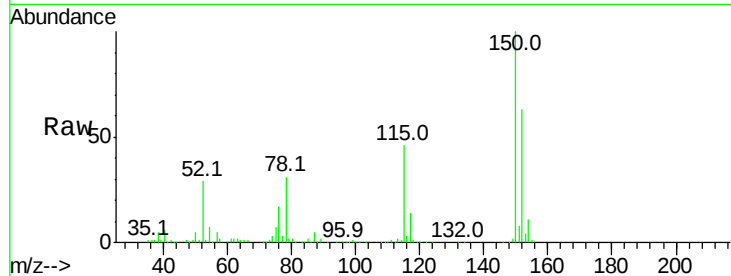
Tot Ion:152 Resp: 280274

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

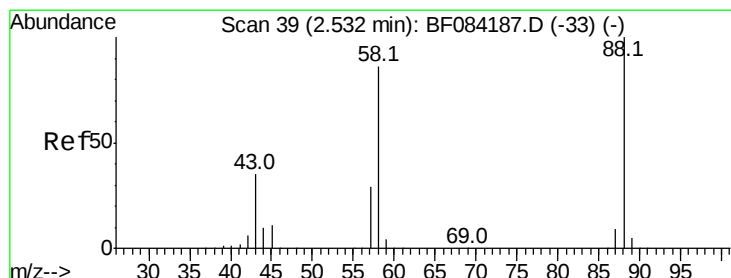
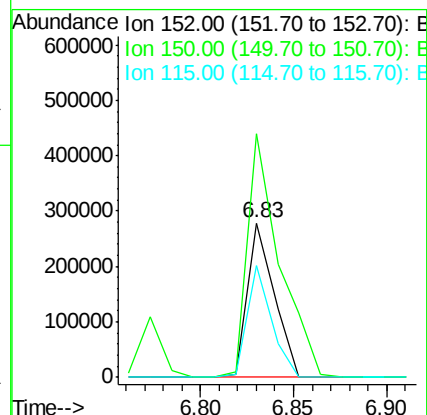
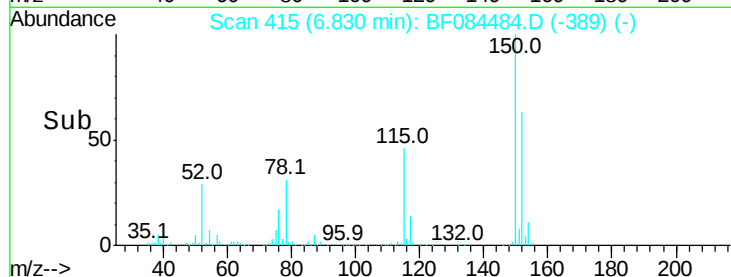
115 72.2 51.4 77.2



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



#2

1,4-Dioxane

Concen: 42.89 ng

RT: 2.40 min Scan# 27

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

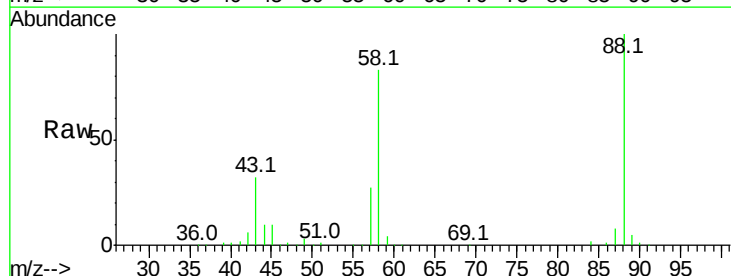
Tgt Ion: 88 Resp: 352052

Ion Ratio Lower Upper

88 100

58 79.7 51.2 76.8#

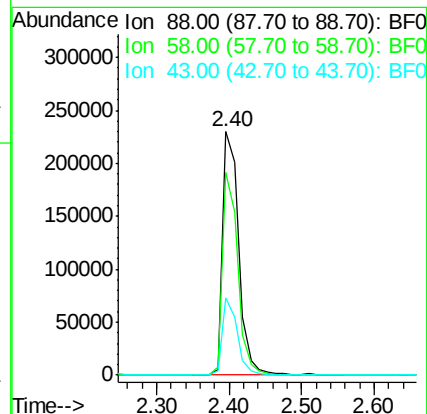
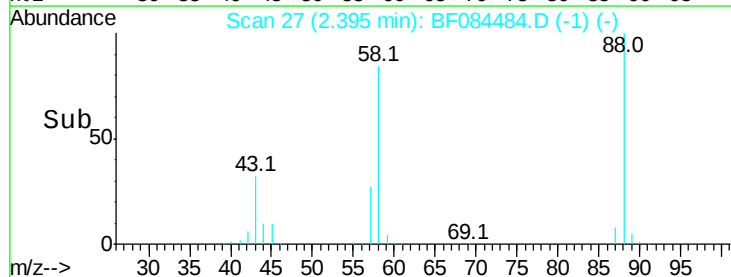
43 29.5 19.5 29.3#

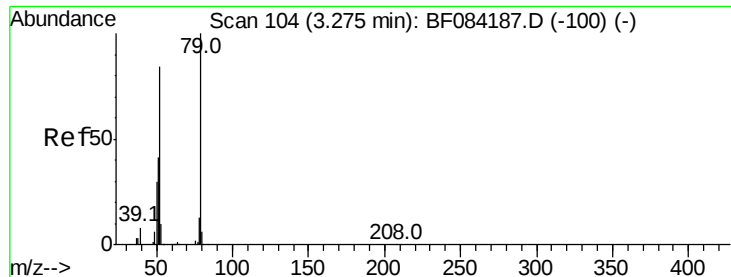


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.49 ng

RT: 3.12 min Scan# 90

Delta R.T. -0.01 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

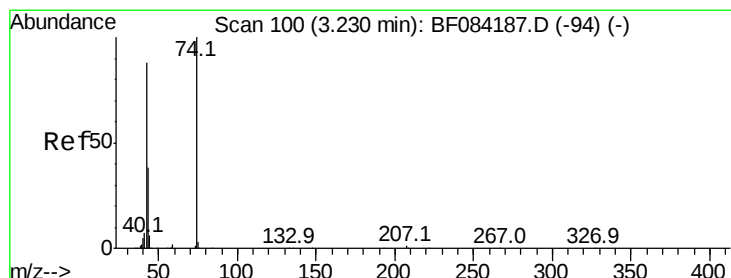
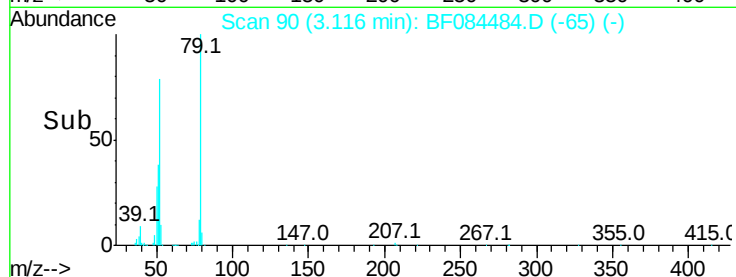
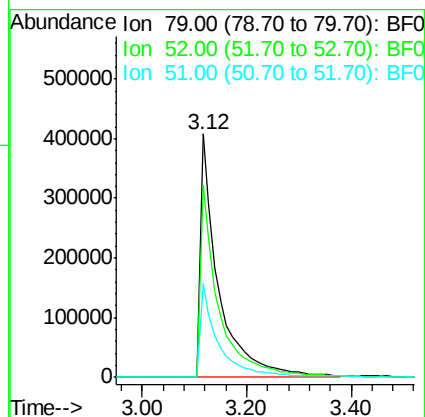
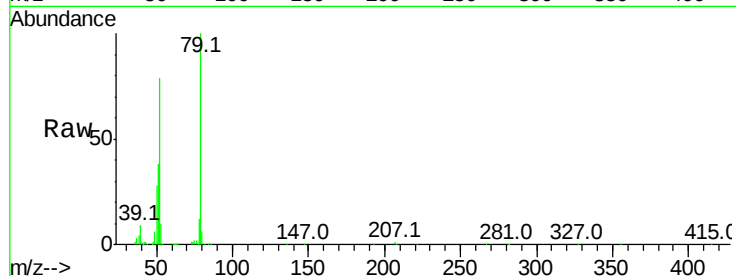
Tot Ion: 79 Resp: 995318

Ion Ratio Lower Upper

79 100

52 79.3 49.0 73.4#

51 38.4 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 35.45 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

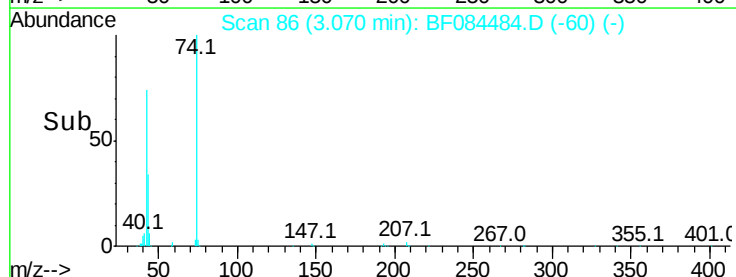
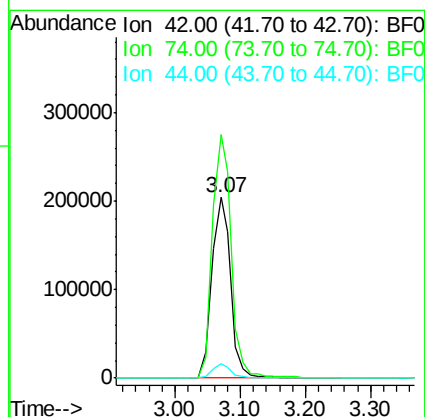
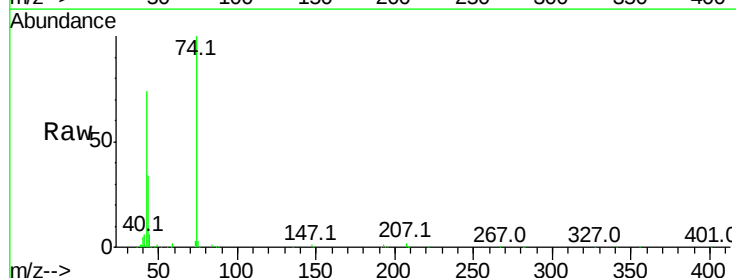
Tgt Ion: 42 Resp: 416472

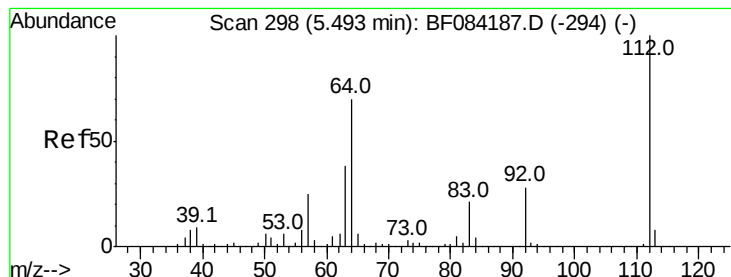
Ion Ratio Lower Upper

42 100

74 134.9 115.7 173.5

44 7.8 5.1 7.7#





#5

2-Fluorophenol

Concen: 82.69 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

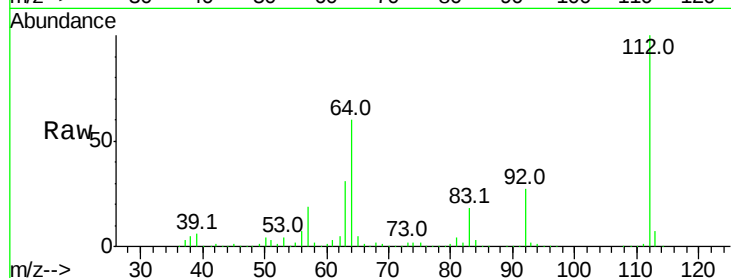
Tot Ion:112 Resp: 1432853

Ion Ratio Lower Upper

112 100

64 59.8 36.6 55.0#

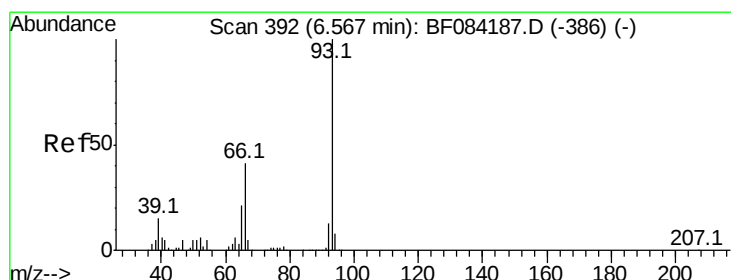
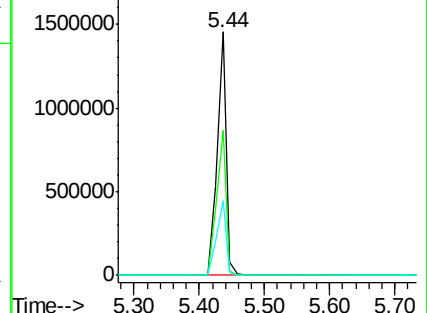
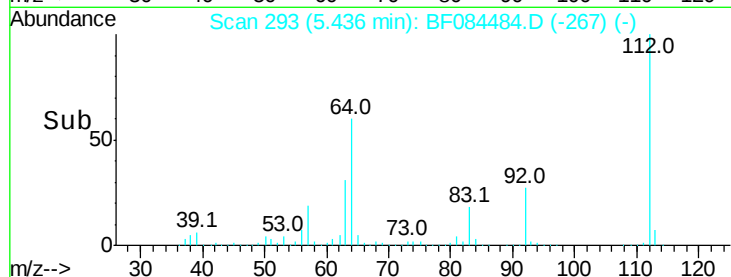
63 30.6 19.4 29.0#



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: 37.53 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

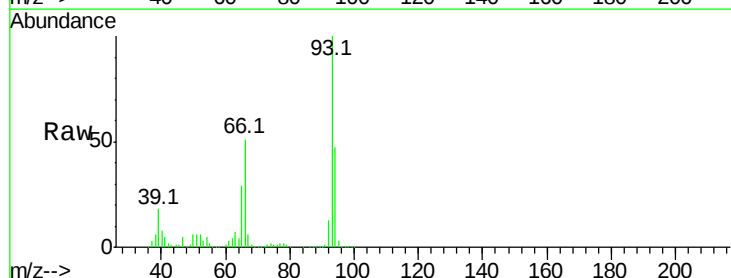
Tgt Ion: 93 Resp: 1194676

Ion Ratio Lower Upper

93 100

66 50.6 44.9 67.3

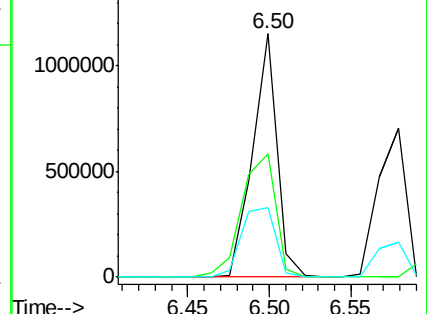
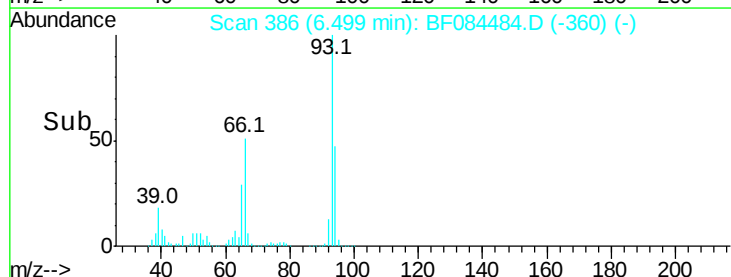
65 28.8 23.7 35.5

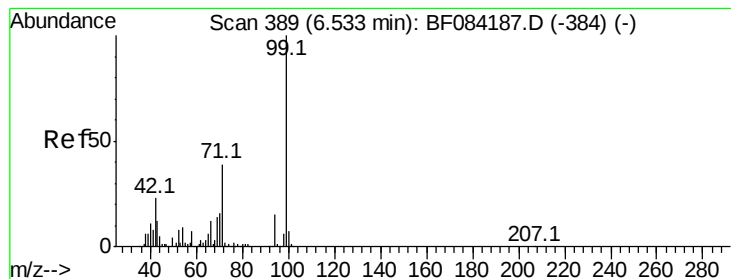


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.36 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

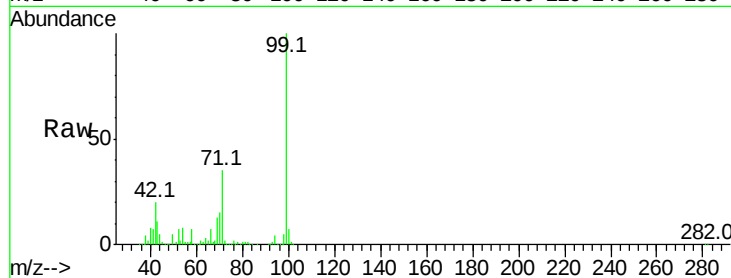
BNA_F

ClientSampleId :

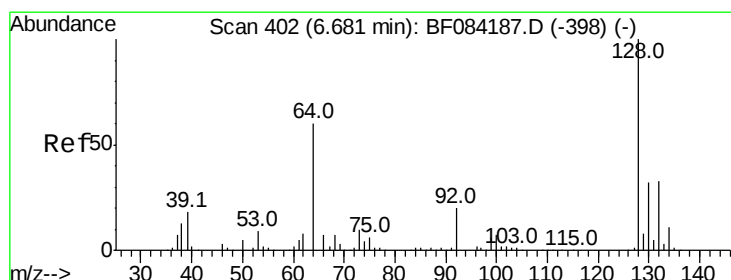
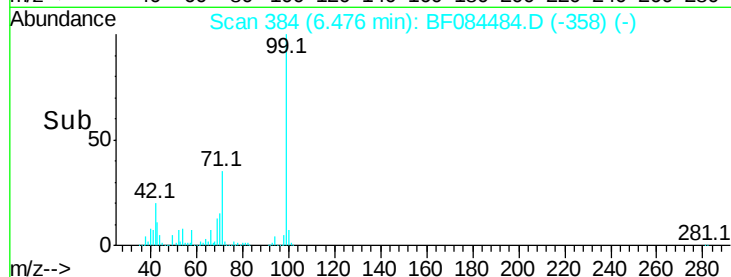
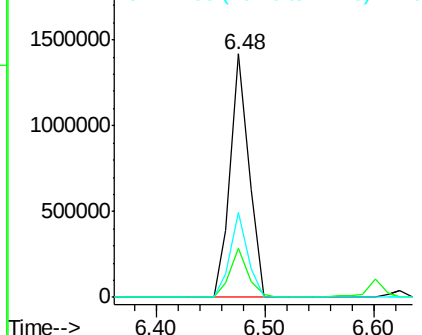
SSTDCCC040EC

Tot Ion: 99 Resp: 1683592

Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.8	19.2#
71	34.6	30.9	46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.09 ng

RT: 6.62 min Scan# 397

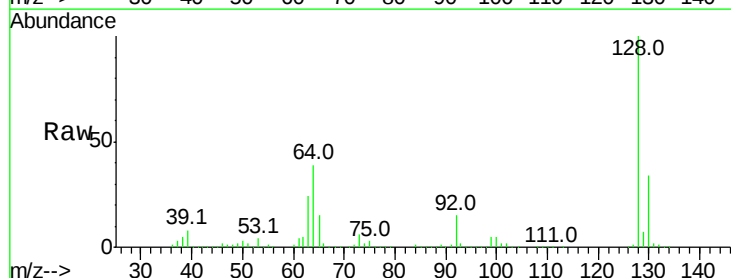
Delta R.T. 0.00 min

Lab File: BF084484.D

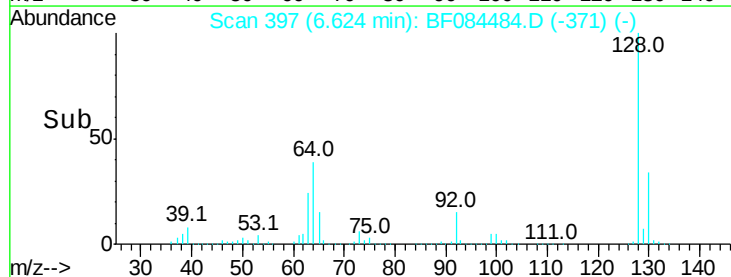
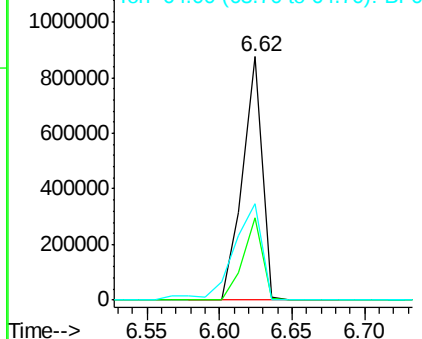
Acq: 14 Jan 2016 11:59

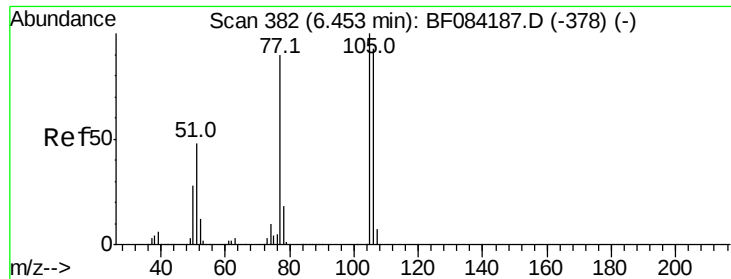
Tgt Ion: 128 Resp: 827446

Ion	Ratio	Lower	Upper
128	100		
130	34.1	11.6	51.6
64	39.4	23.8	63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.84 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

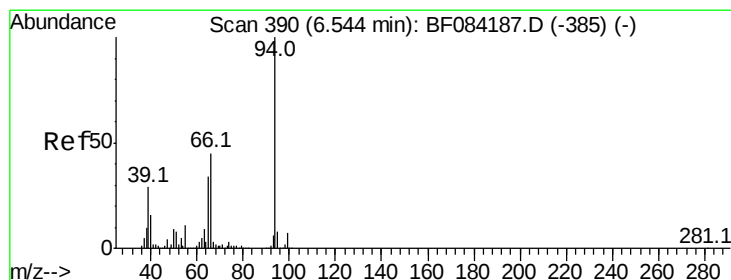
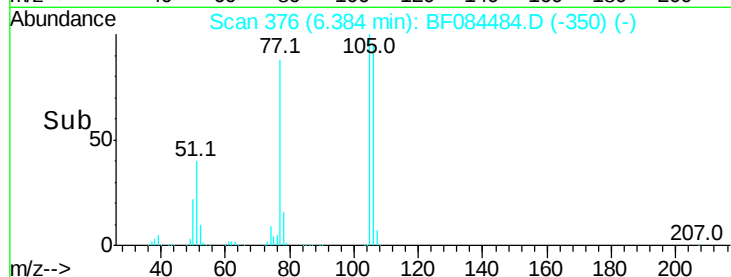
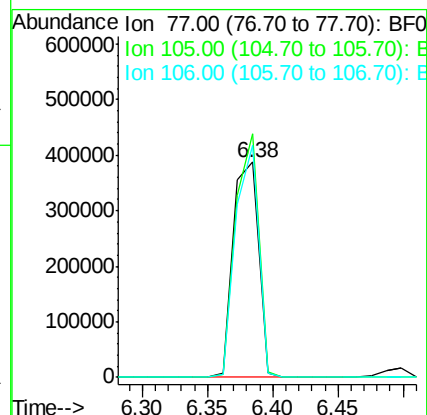
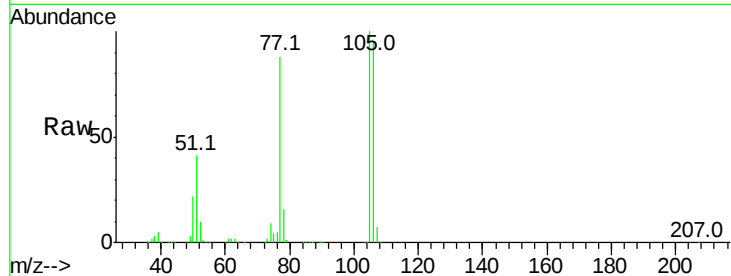
Tot Ion: 77 Resp: 522025

Ion Ratio Lower Upper

77 100

105 113.3 83.0 123.0

106 108.1 74.6 114.6



#10

Phenol

Concen: 36.12 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

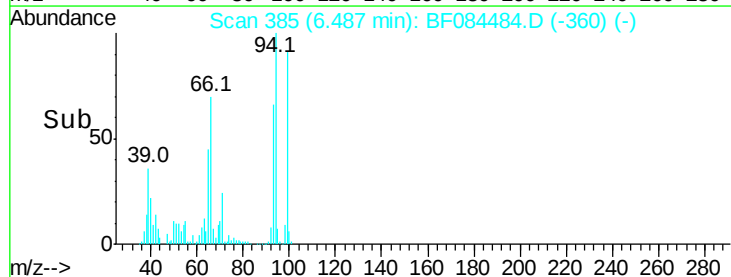
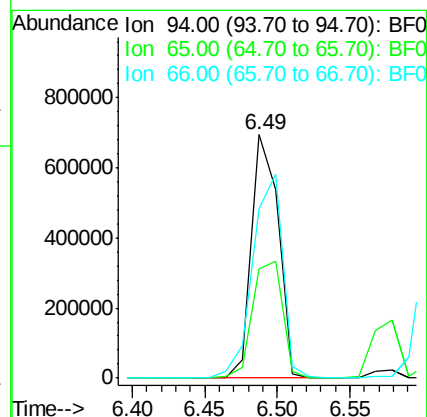
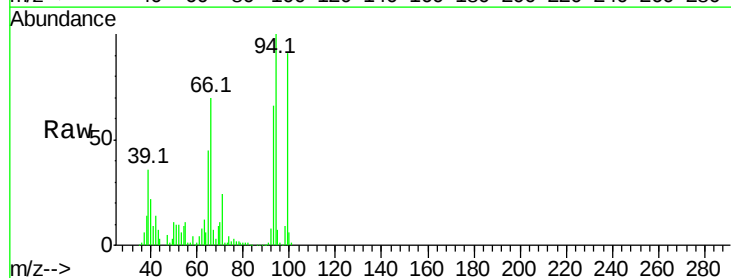
Tgt Ion: 94 Resp: 893796

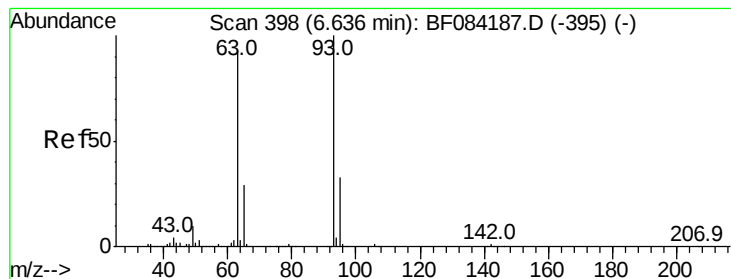
Ion Ratio Lower Upper

94 100

65 44.9 12.9 52.9

66 69.7 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 42.29 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

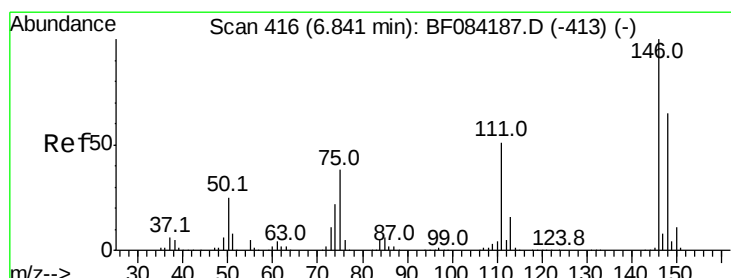
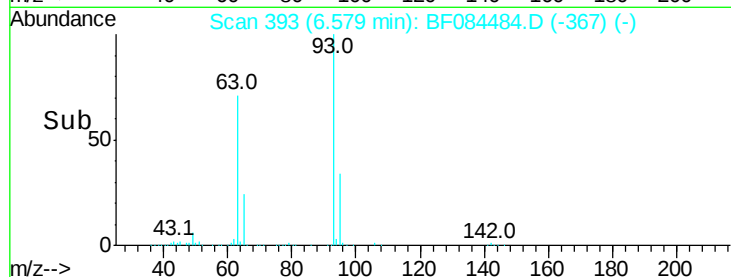
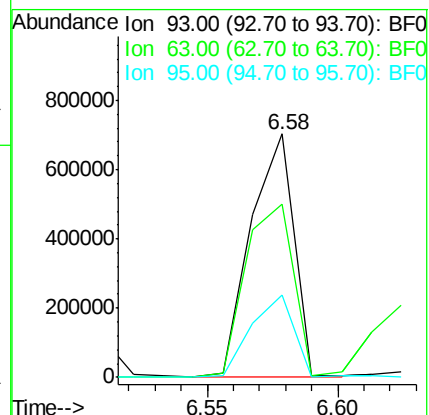
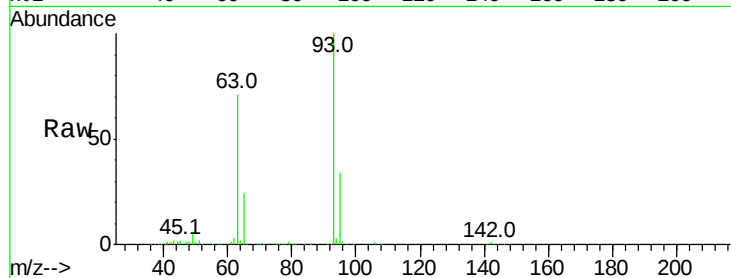
Tot Ion: 93 Resp: 810516

Ion Ratio Lower Upper

93 100

63 71.3 45.9 85.9

95 33.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 40.92 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

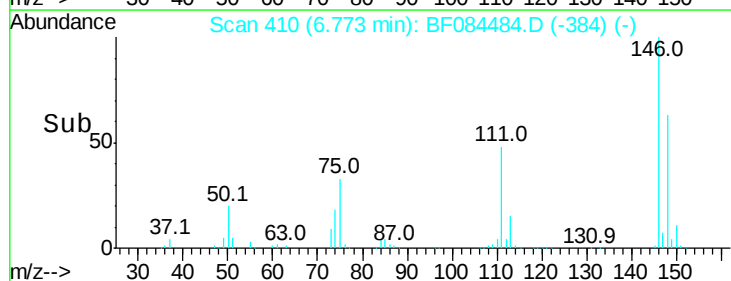
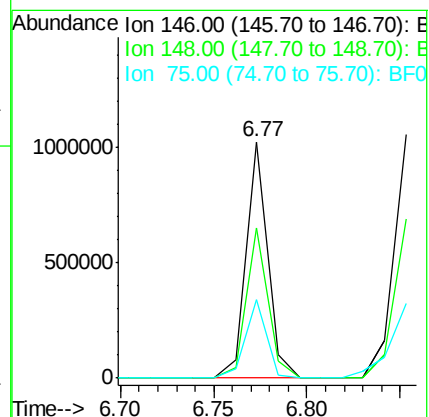
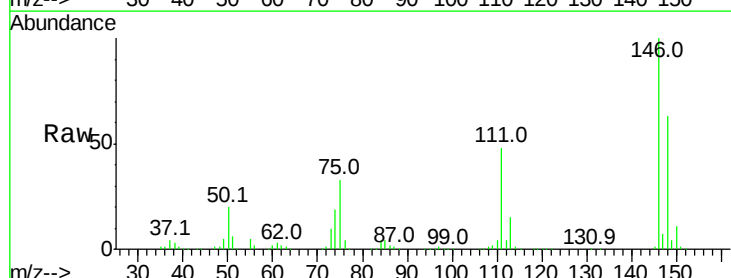
Tgt Ion: 146 Resp: 829882

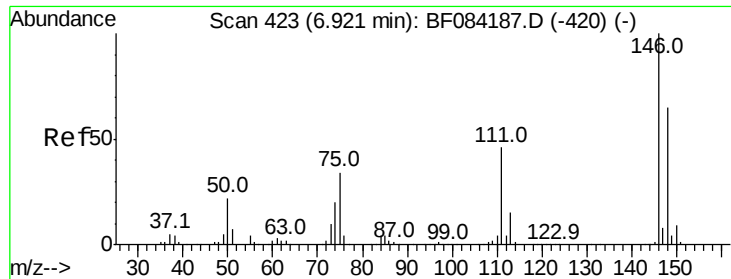
Ion Ratio Lower Upper

146 100

148 63.4 51.9 77.9

75 33.1 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 42.51 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

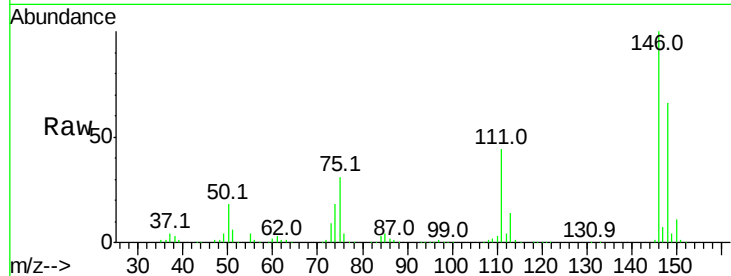
Tot Ion:146 Resp: 864562

Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

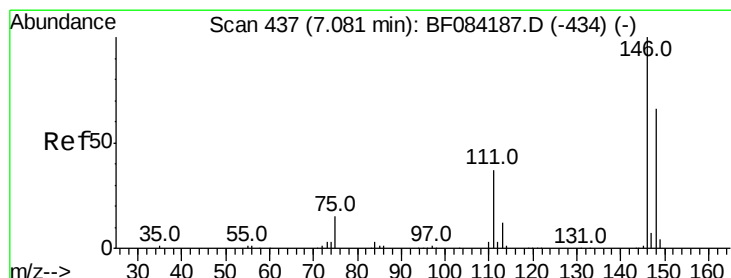
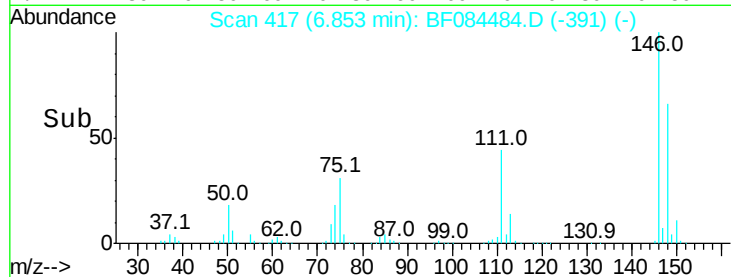
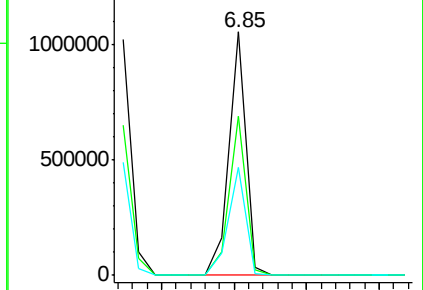
111 44.3 41.6 62.4



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: 37.24 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

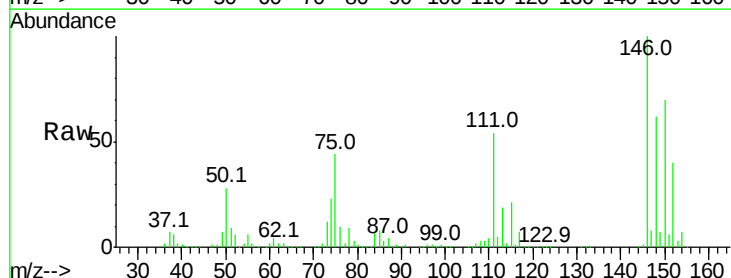
Tgt Ion:146 Resp: 725311

Ion Ratio Lower Upper

146 100

148 62.3 51.6 77.4

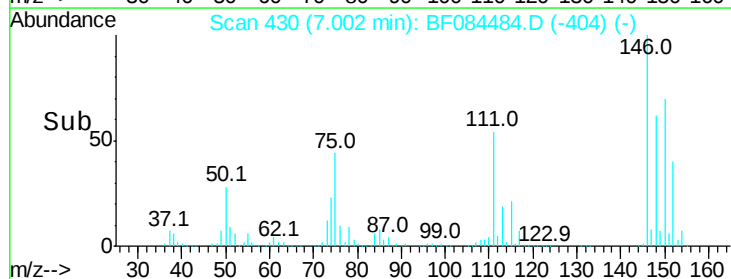
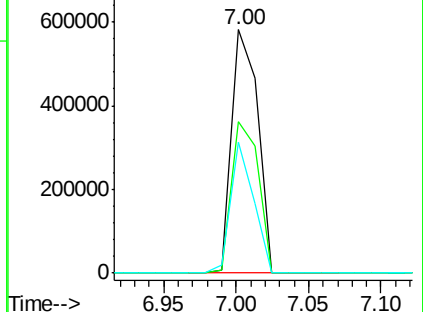
111 54.0 38.0 57.0

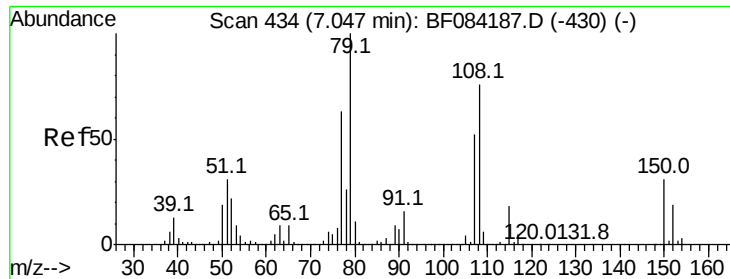


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

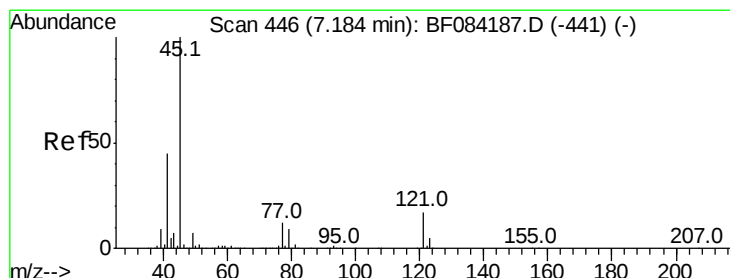
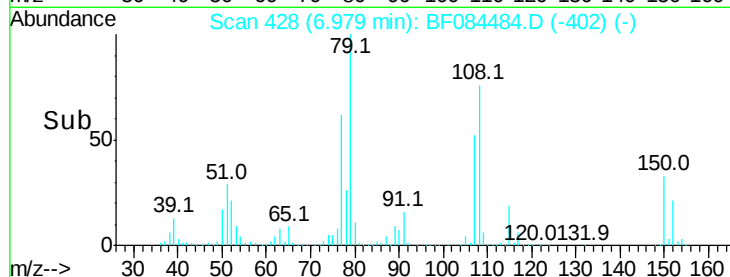
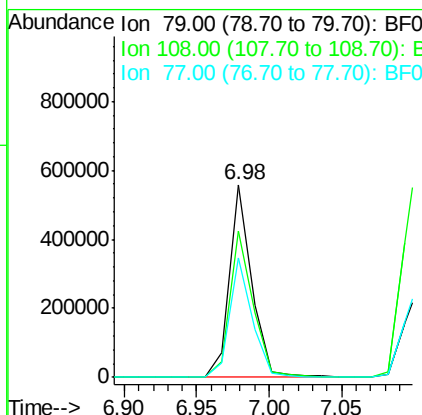
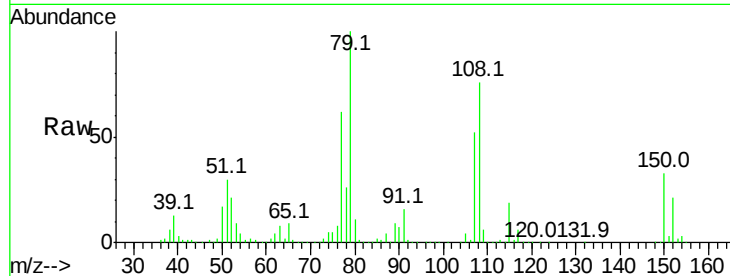




#15
Benzyl Alcohol
Concen: 32.77 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

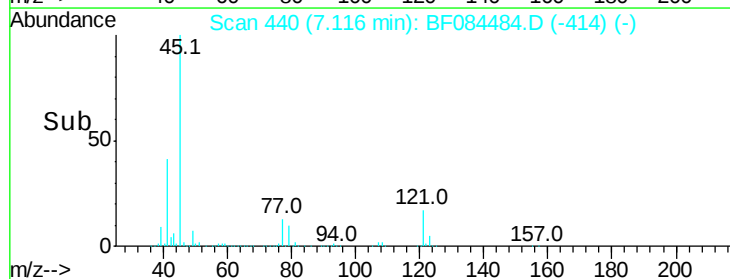
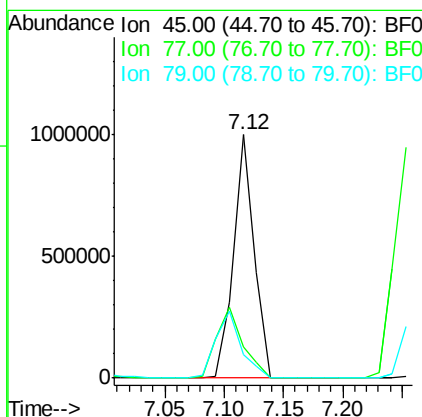
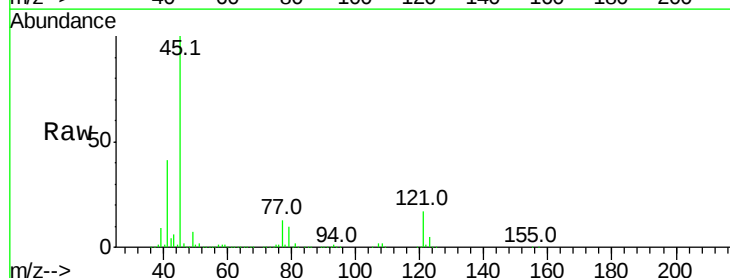
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

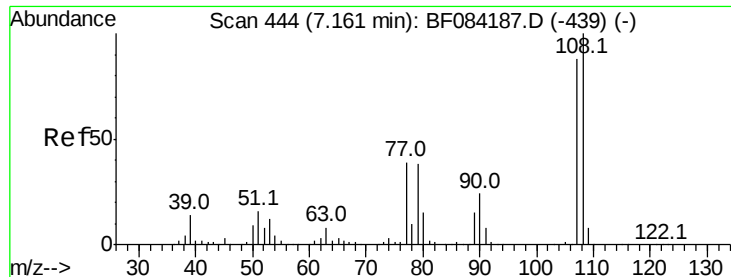
Tot Ion: 79 Resp: 599892
Ion Ratio Lower Upper
79 100
108 76.0 69.0 103.4
77 61.7 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.45 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Tgt Ion: 45 Resp: 1202577
Ion Ratio Lower Upper
45 100
77 12.7 0.0 39.6
79 9.7 0.0 35.0





#17

2-Methylphenol

Concen: 41.28 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 680148

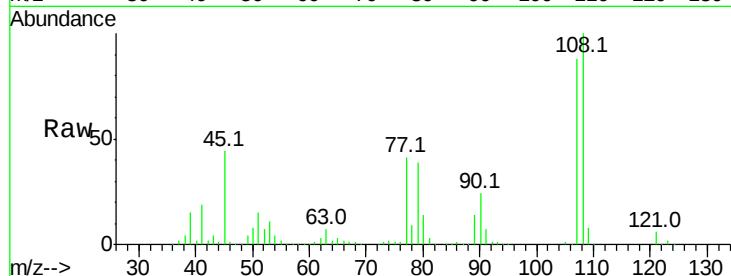
Ion Ratio Lower Upper

107 100

108 113.8 89.8 134.6

77 46.8 35.7 53.5

79 44.6 35.7 53.5

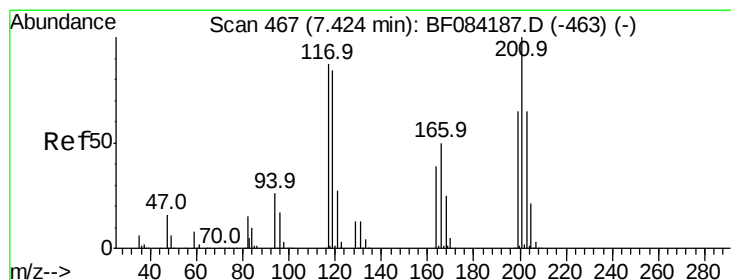
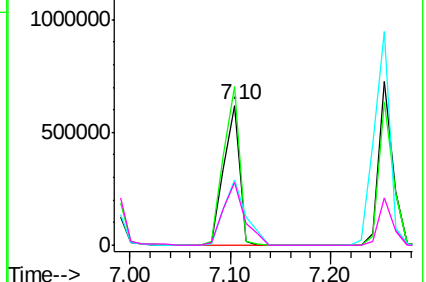
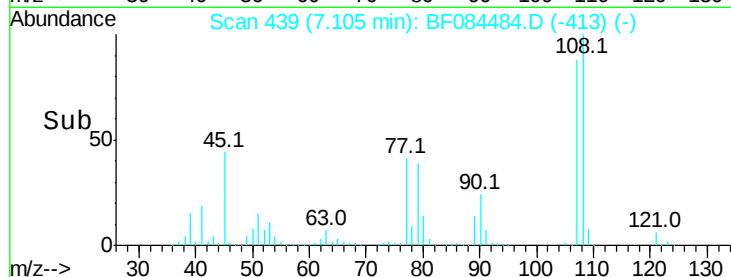


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.68 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

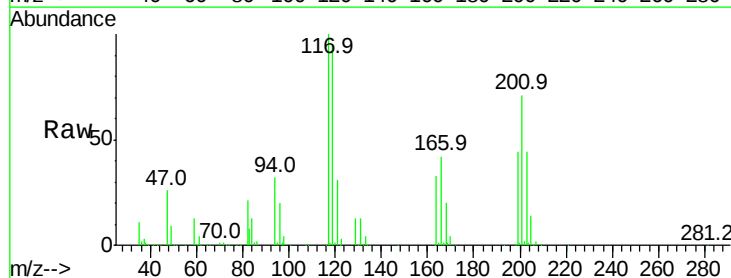
Tgt Ion:117 Resp: 290204

Ion Ratio Lower Upper

117 100

119 95.4 77.4 116.0

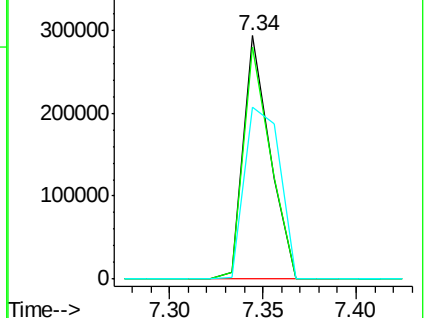
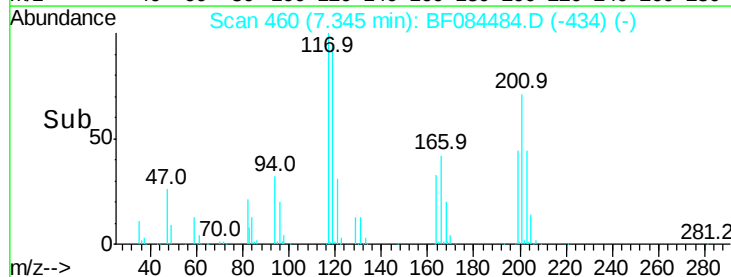
201 70.6 68.6 103.0

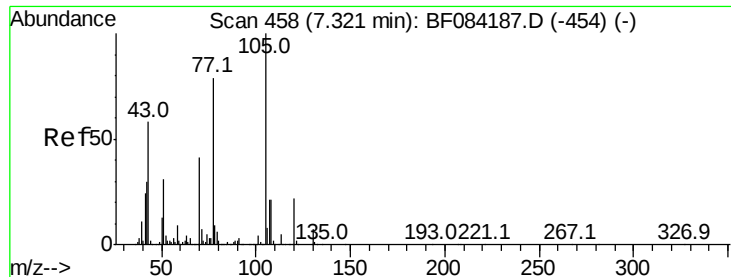


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

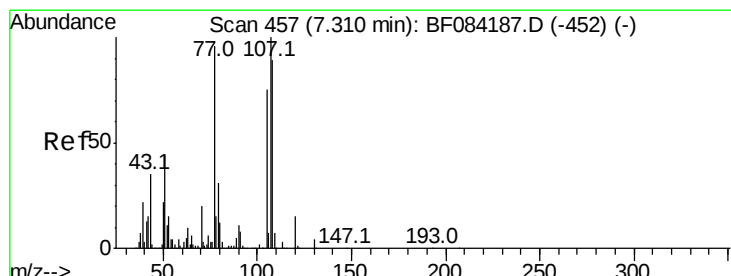
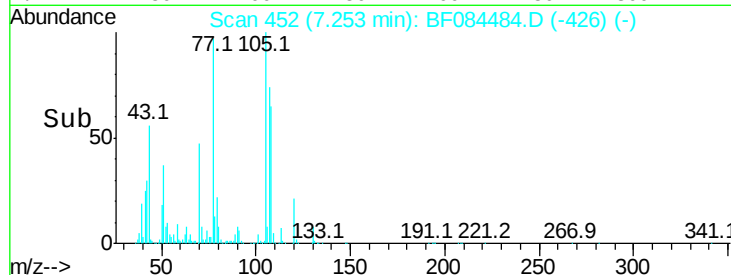
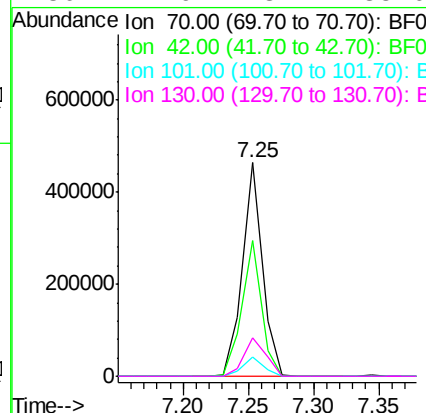
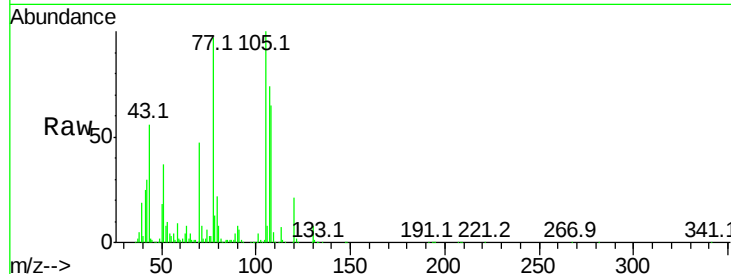




#19
n-Nitroso-di-n-propylamine
Concen: 33.30 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

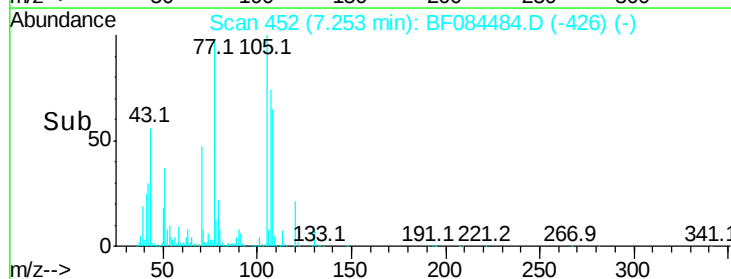
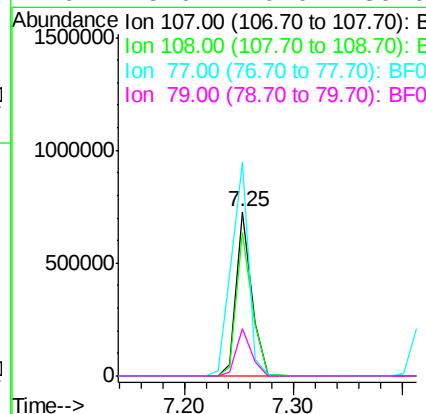
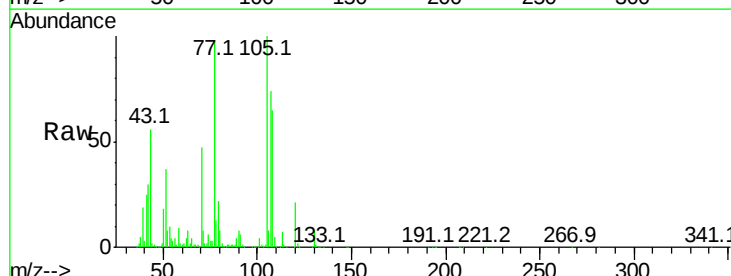
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

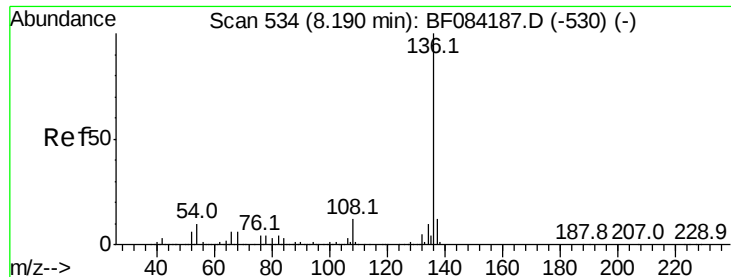
Tot Ion: 70 Resp: 490623
Ion Ratio Lower Upper
70 100
42 63.3 33.3 49.9#
101 9.2 9.3 13.9#
130 17.9 23.4 35.0#



#20
3+4-Methylphenols
Concen: 36.23 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Tgt Ion: 107 Resp: 701627
Ion Ratio Lower Upper
107 100
108 87.2 74.6 114.6
77 129.8 0.7 40.7#
79 28.9 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

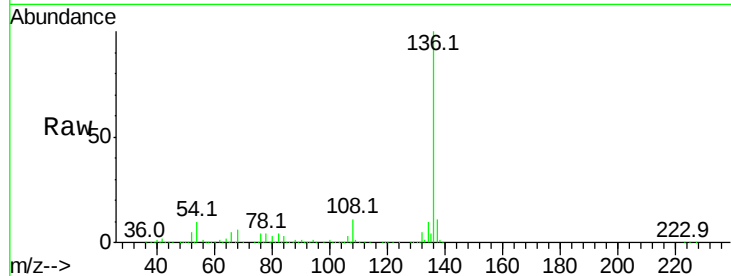
ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 1138599

Ion Ratio Lower Upper

136	100		
137	11.4	8.7	13.1
54	9.7	5.8	8.8#
68	6.0	4.2	6.2



Abundance Ion 136.00 (135.70 to 136.70): E

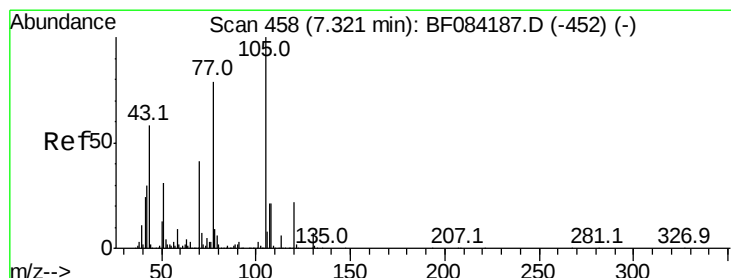
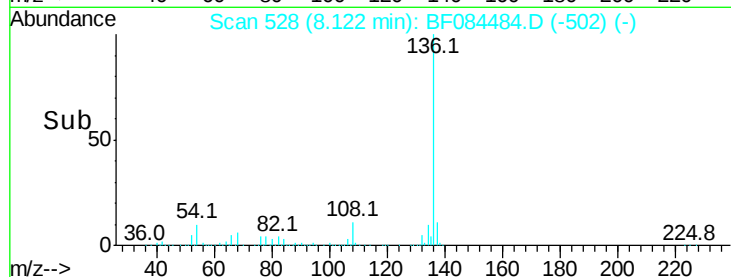
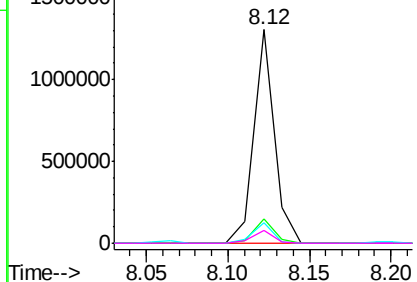
2000000 Ion 137.00 (136.70 to 137.70): E

1500000 Ion 54.00 (53.70 to 54.70): BF0

1000000 Ion 68.00 (67.70 to 68.70): BF0

500000

0



#22

Acetophenone

Concen: 39.31 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Tgt Ion:105 Resp: 1076345

Ion Ratio Lower Upper

105	100		
71	8.1	3.7	5.5#
51	37.4	25.1	37.7
120	21.5	16.6	25.0

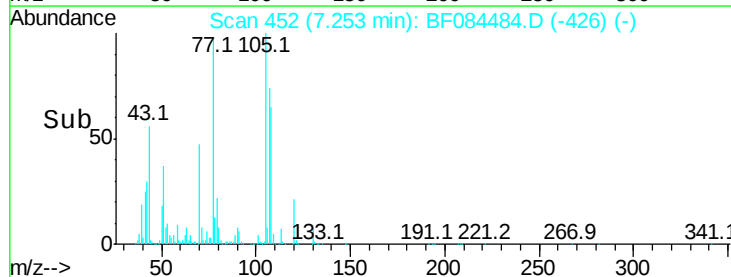
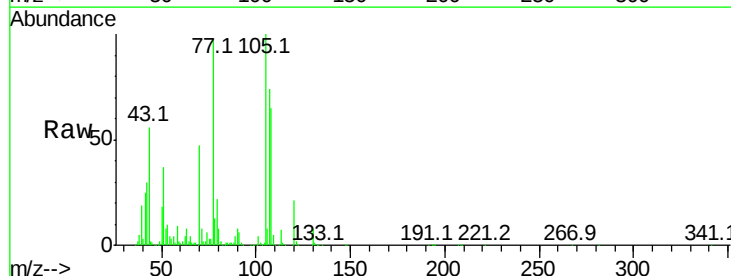
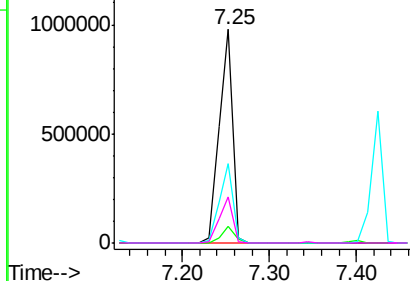
Abundance Ion 105.00 (104.70 to 105.70): E

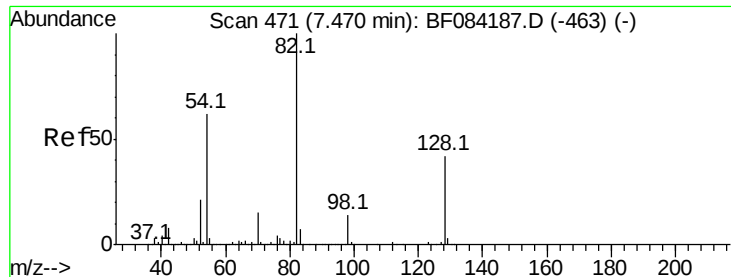
1500000 Ion 71.00 (70.70 to 71.70): BF0

1000000 Ion 51.00 (50.70 to 51.70): BF0

500000 Ion 120.00 (119.70 to 120.70): E

0

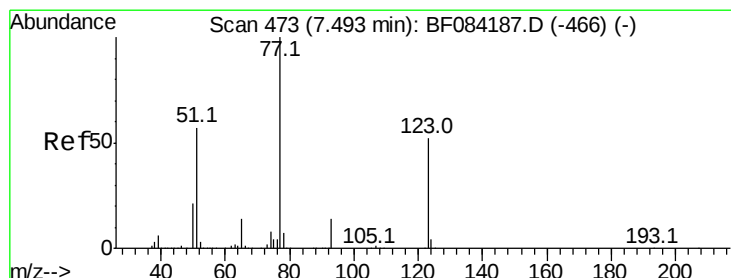
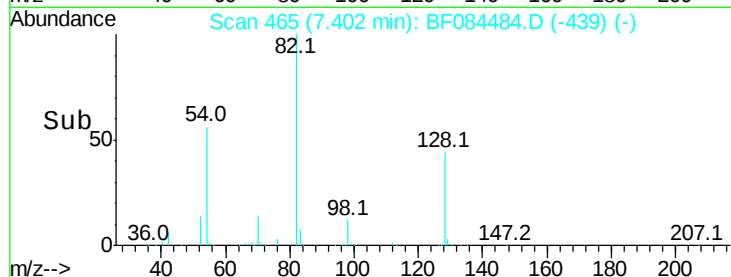
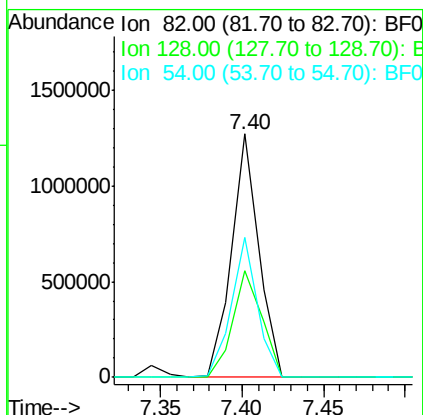
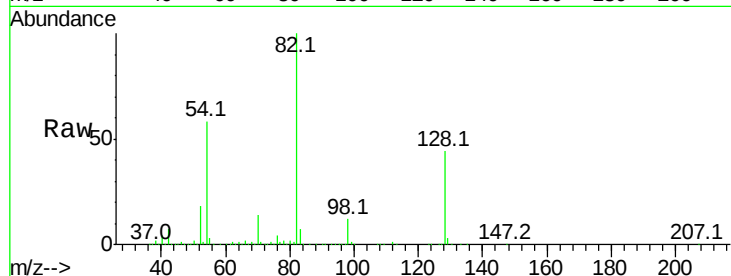




#23
Nitrobenzene-d5
Concen: 71.48 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

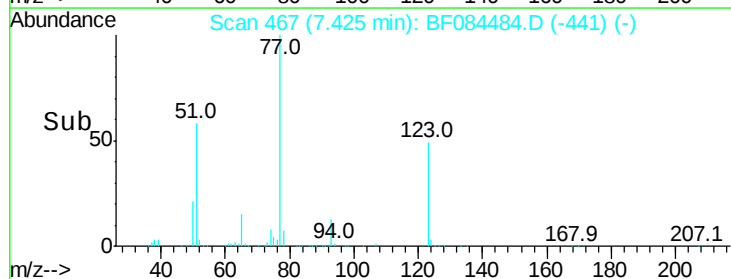
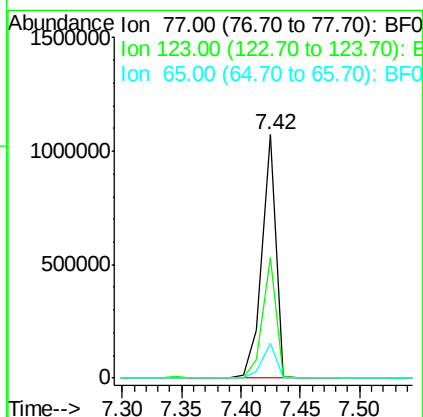
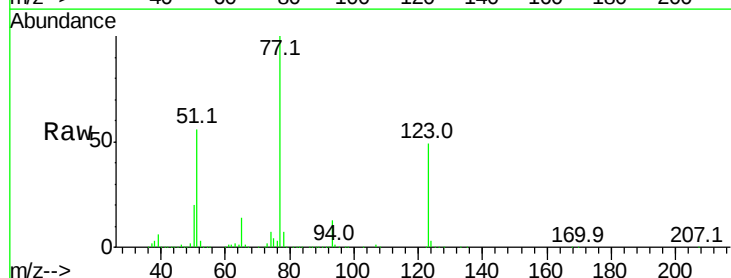
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

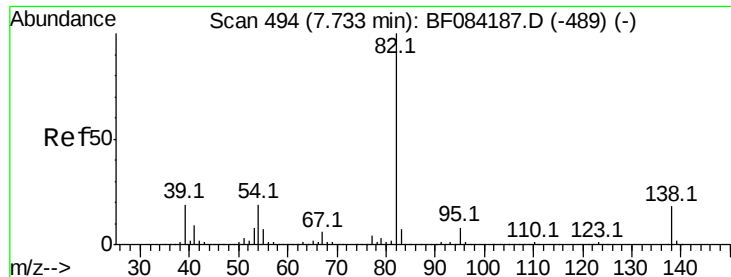
Tot Ion: 82 Resp: 1462296
Ion Ratio Lower Upper
82 100
128 43.8 34.6 51.8
54 57.6 38.4 57.6



#24
Nitrobenzene
Concen: 43.17 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Tgt Ion: 77 Resp: 895756
Ion Ratio Lower Upper
77 100
123 49.4 37.4 56.2
65 14.3 10.9 16.3





#25

Isophorone

Concen: 38.77 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

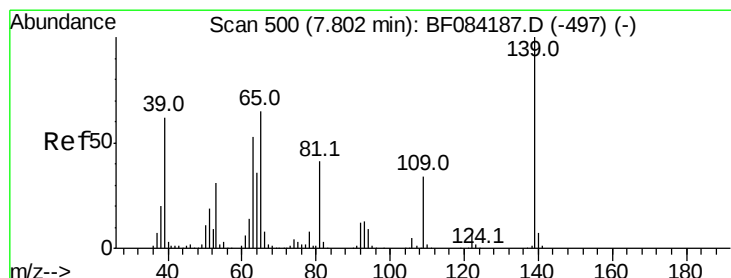
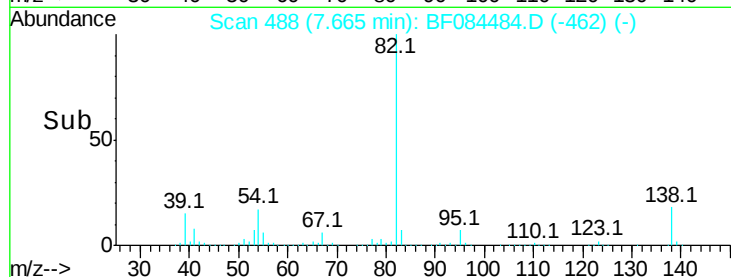
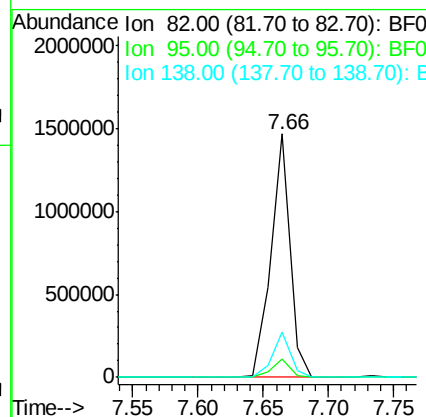
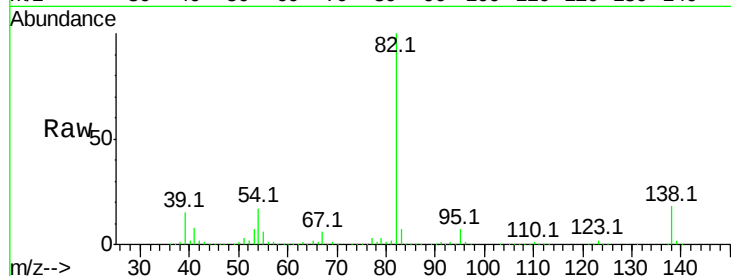
Tot Ion: 82 Resp: 1517092

Ion Ratio Lower Upper

82 100

95 7.5 6.6 10.0

138 18.4 13.6 20.4



#26

2-Nitrophenol

Concen: 39.82 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

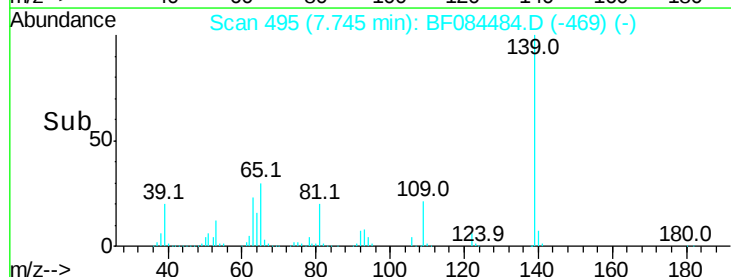
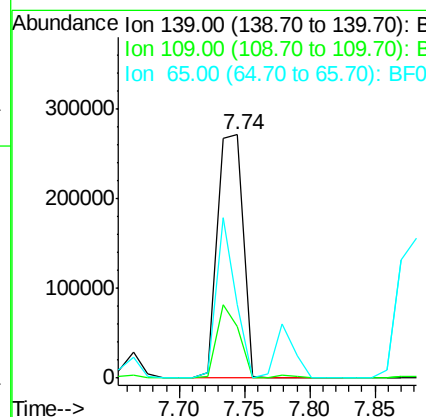
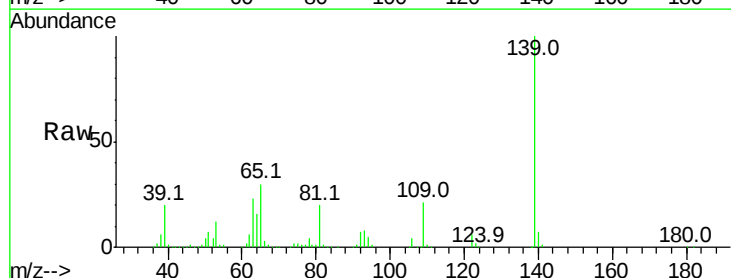
Tgt Ion: 139 Resp: 376067

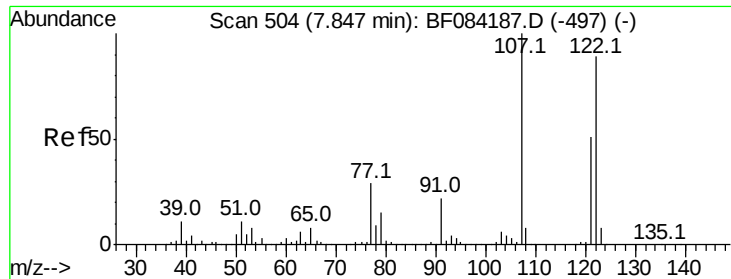
Ion Ratio Lower Upper

139 100

109 21.3 25.4 38.2#

65 29.9 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 36.45 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

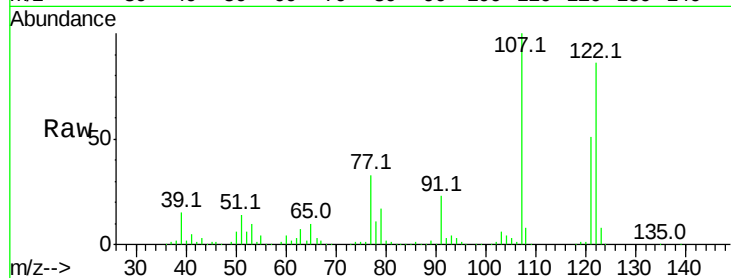
Tot Ion:122 Resp: 696751

Ion Ratio Lower Upper

122 100

107 115.6 99.1 148.7

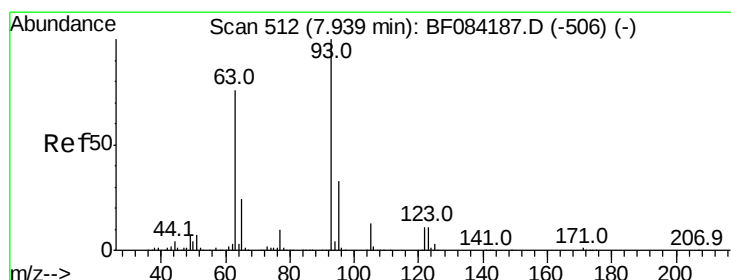
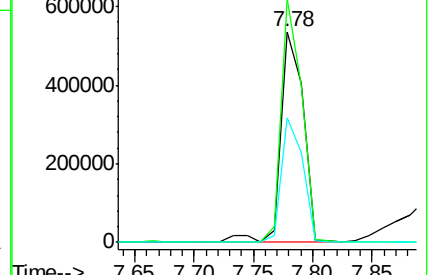
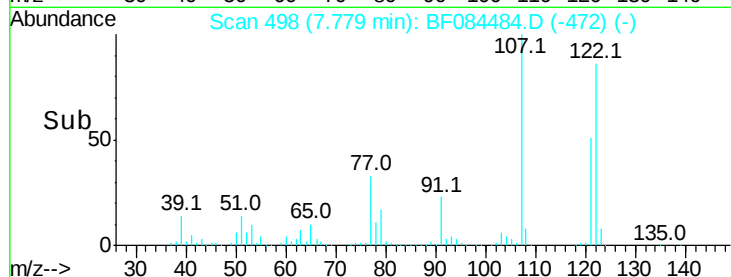
121 59.0 47.9 71.9



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: 40.32 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

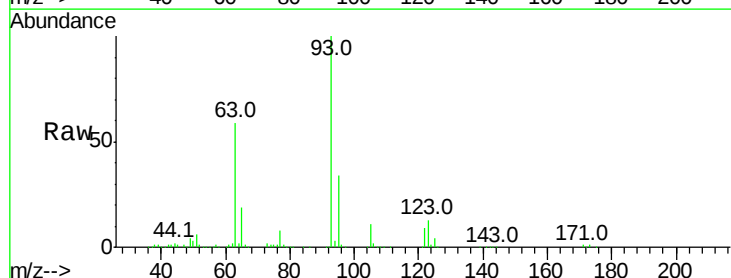
Tgt Ion: 93 Resp: 963635

Ion Ratio Lower Upper

93 100

95 34.0 25.8 38.6

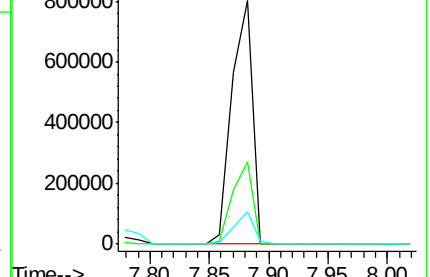
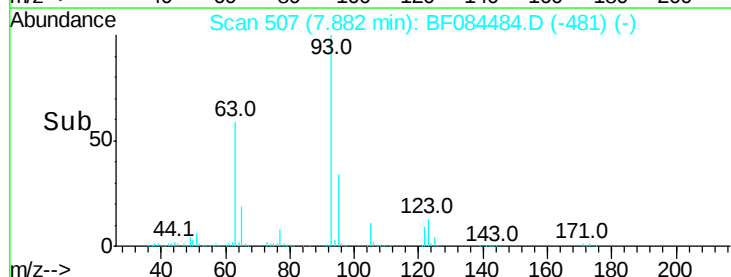
123 13.1 8.6 12.8#

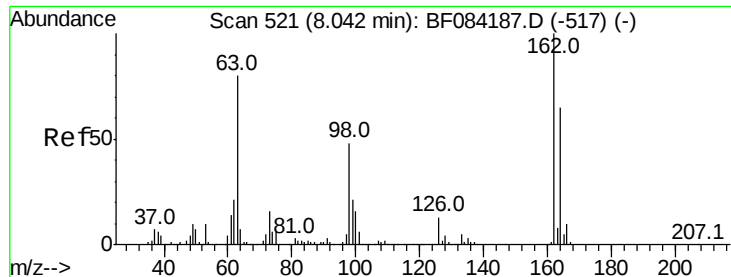


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.28 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

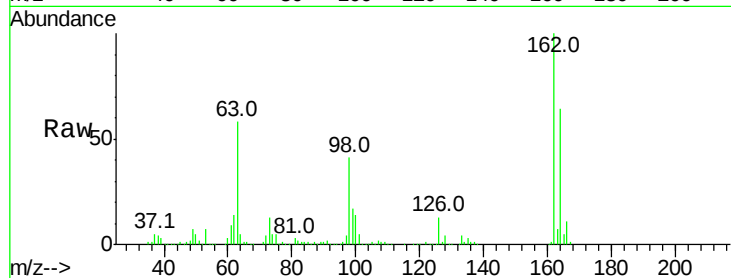
Tot Ion:162 Resp: 625500

Ion Ratio Lower Upper

162 100

164 63.7 44.1 84.1

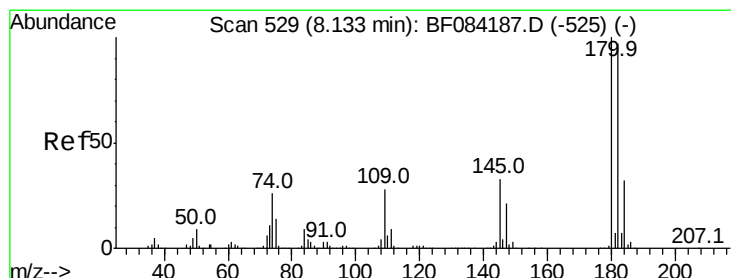
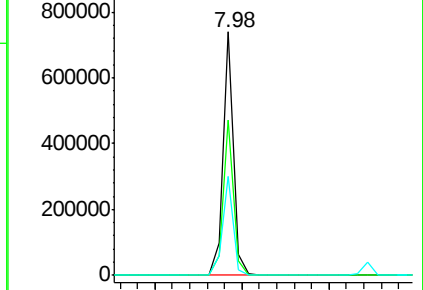
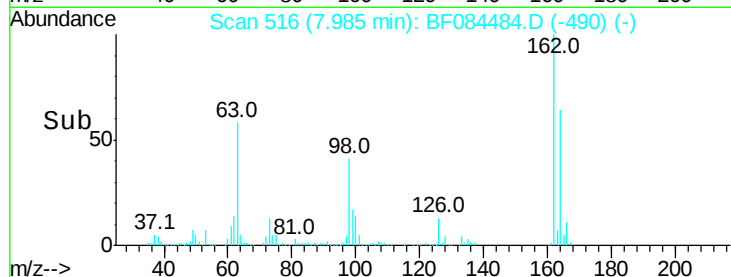
98 40.7 20.2 60.2



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: 39.69 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

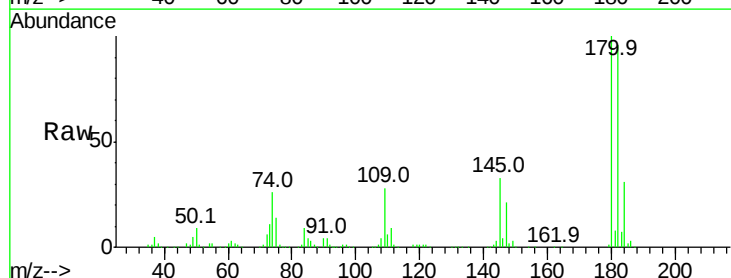
Tgt Ion:180 Resp: 652503

Ion Ratio Lower Upper

180 100

182 96.3 76.4 114.6

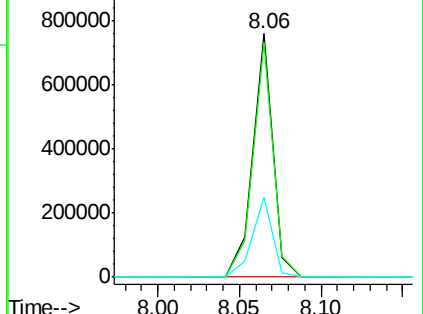
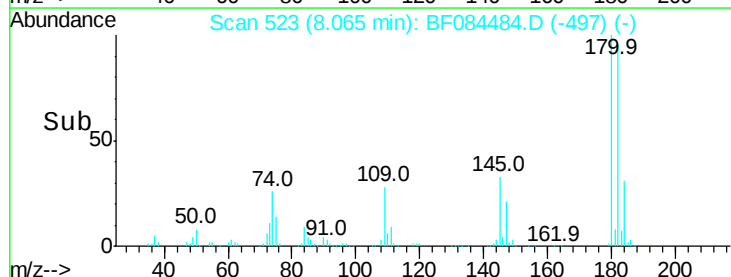
145 32.8 31.6 47.4

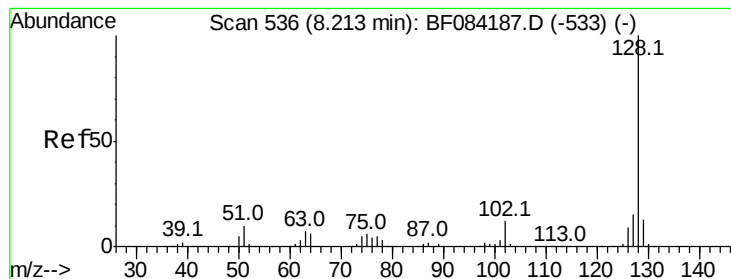


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.16 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

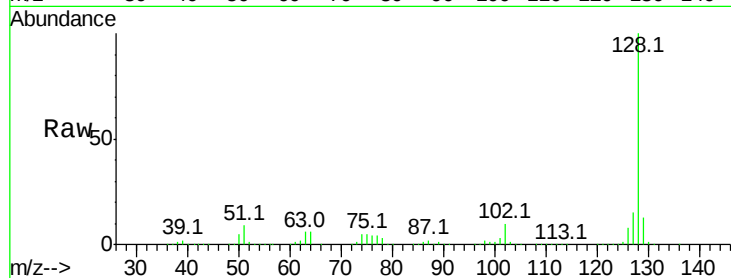
Tot Ion:128 Resp: 2023145

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

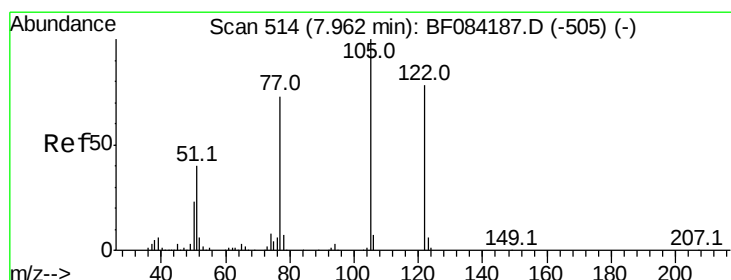
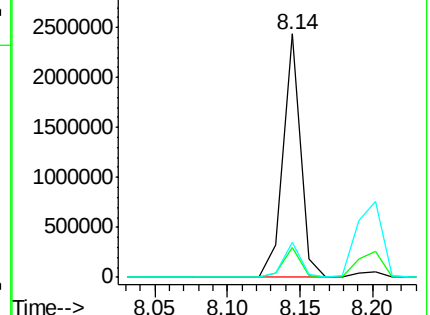
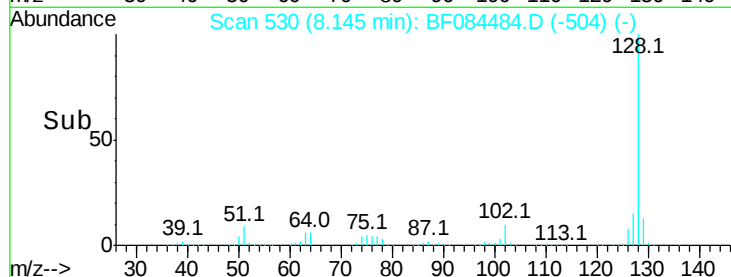
127 14.6 11.1 16.7



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: 22.62 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

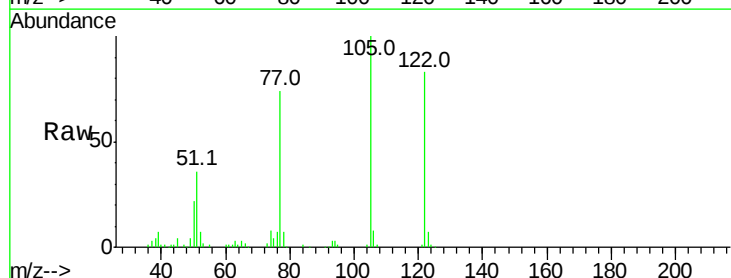
Tgt Ion:122 Resp: 231419

Ion Ratio Lower Upper

122 100

105 121.1 100.3 140.3

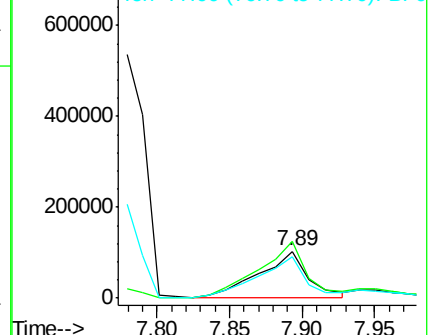
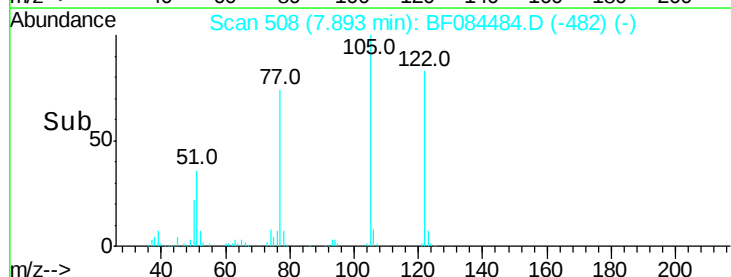
77 89.4 63.5 103.5

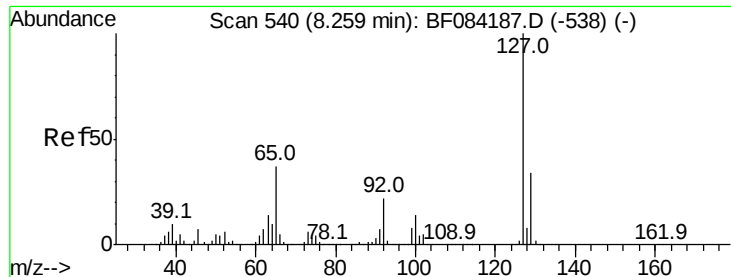


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

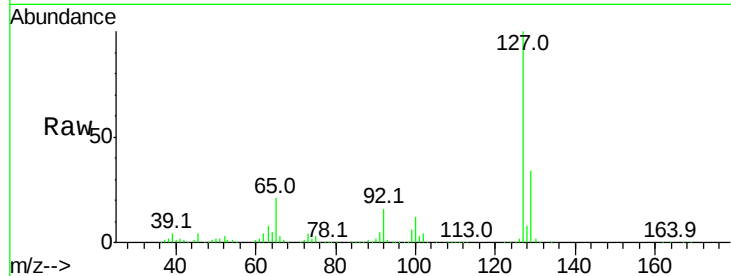




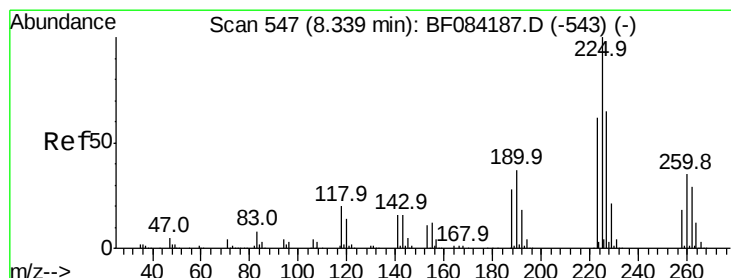
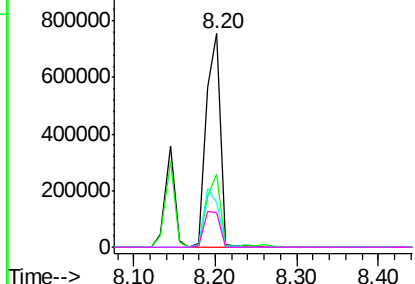
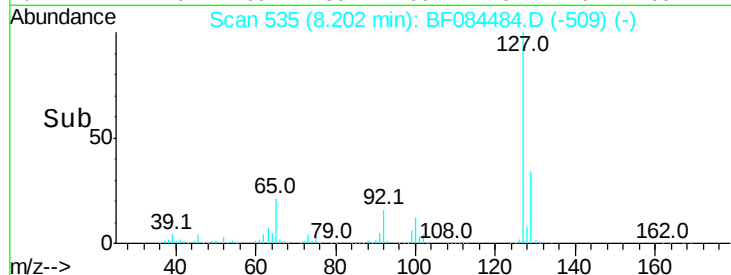
#33
4-Chloroaniline
Concen: 39.40 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	933020
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.5	39.7
65	21.2	27.2	40.8#
92	16.5	17.7	26.5#

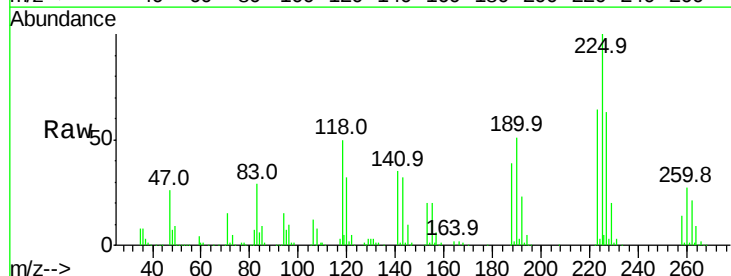


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

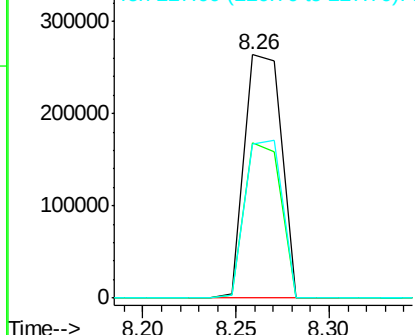
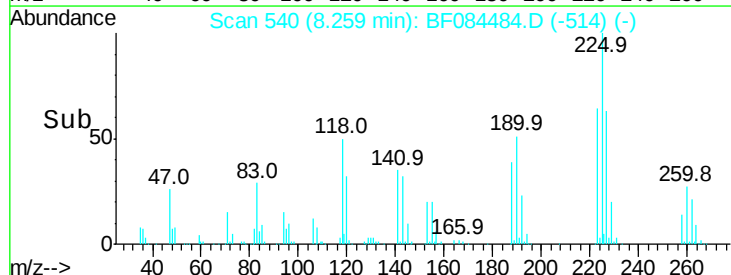


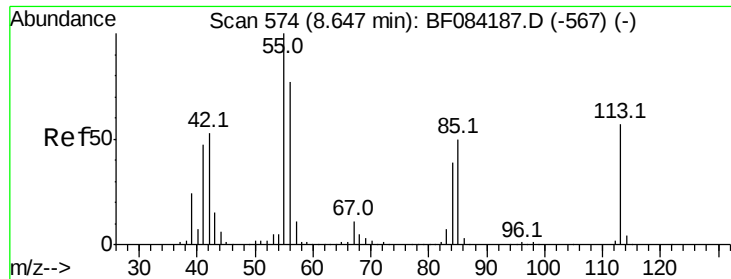
#34
Hexachlorobutadiene
Concen: 38.17 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Tgt Ion:	225	Resp:	360667
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.4	74.0
227	63.3	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: 34.07 ng

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

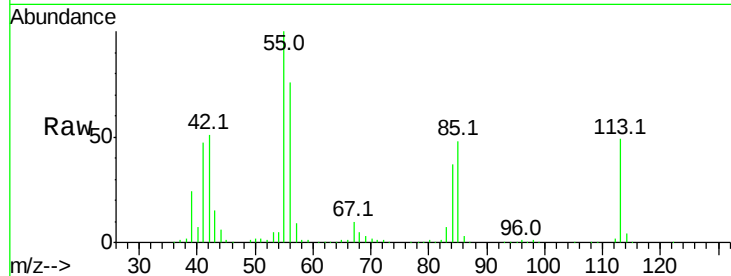
Tot Ion:113 Resp: 182898

Ion Ratio Lower Upper

113 100

55 204.3 116.9 156.9#

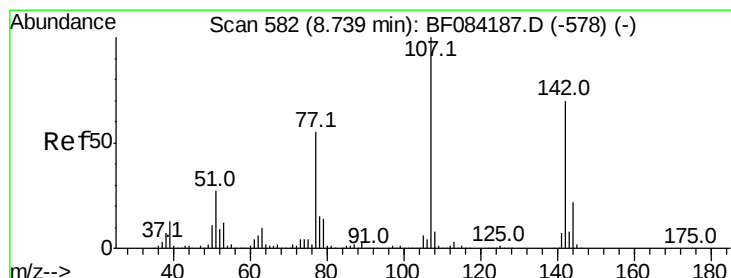
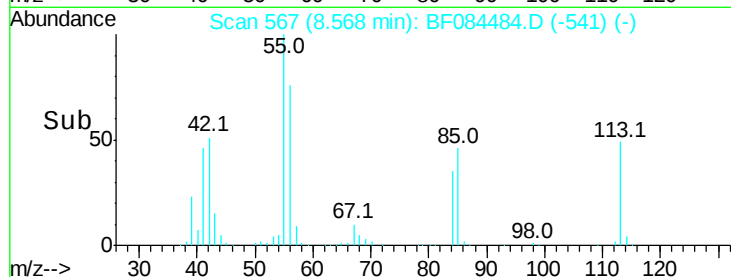
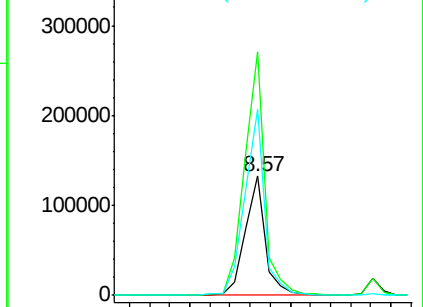
56 155.6 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.82 ng

RT: 8.68 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

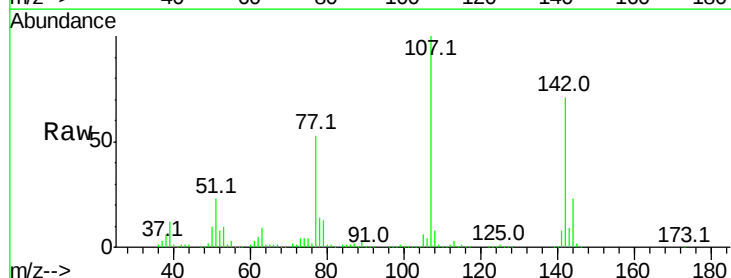
Tgt Ion:107 Resp: 621099

Ion Ratio Lower Upper

107 100

144 23.1 19.7 29.5

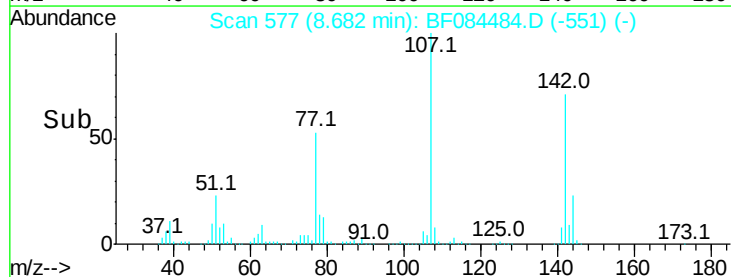
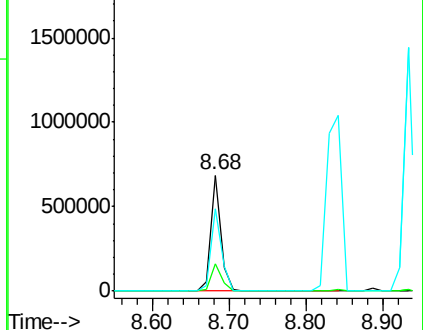
142 71.4 61.8 92.6

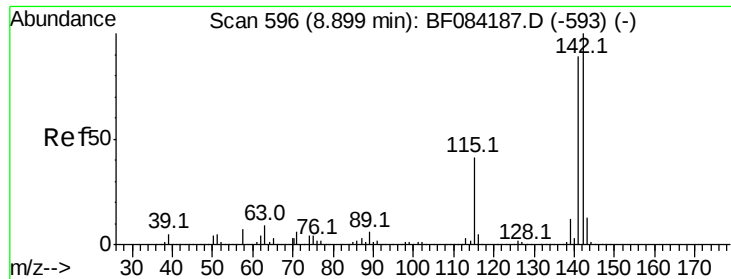


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.31 ng

RT: 8.84 min Scan# 591

Delta R.T. 0.01 min

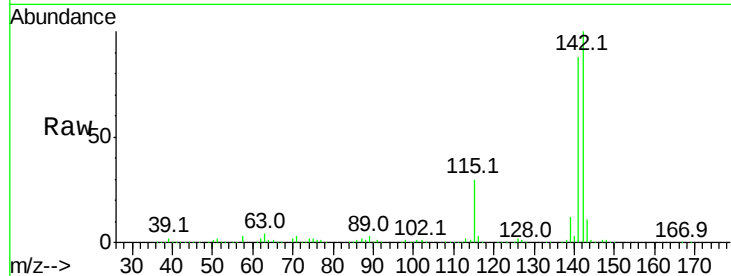
Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:142 Resp: 1383646

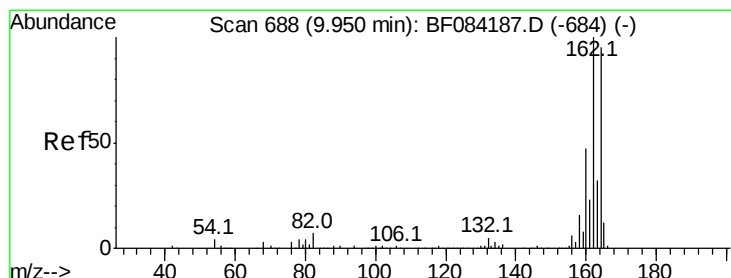
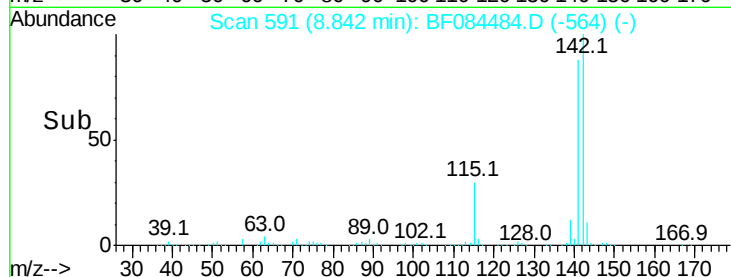
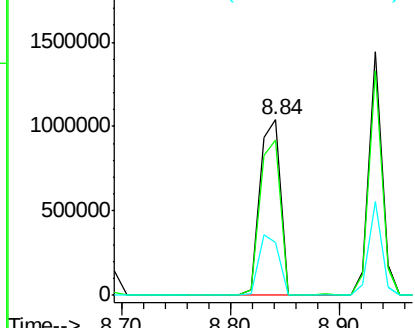
Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.4	108.6
115	30.2	27.9	41.9



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: 9.87 min Scan# 681

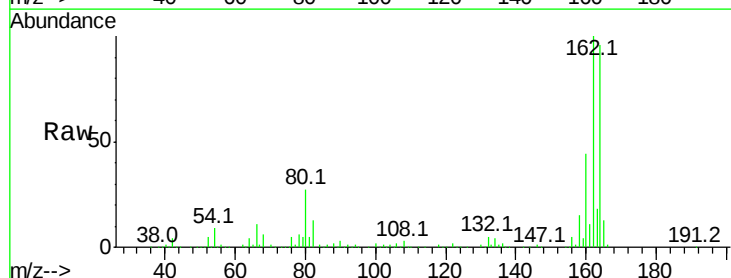
Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Tgt Ion:164 Resp: 469234

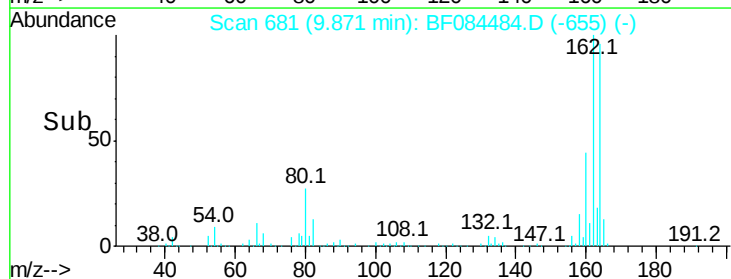
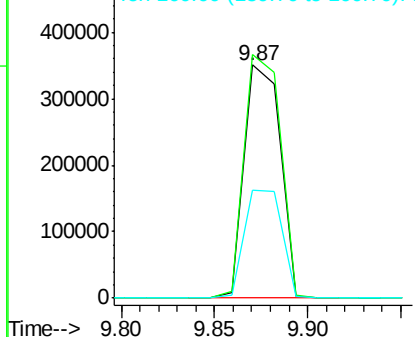
Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.1	127.7
160	46.2	37.5	56.3

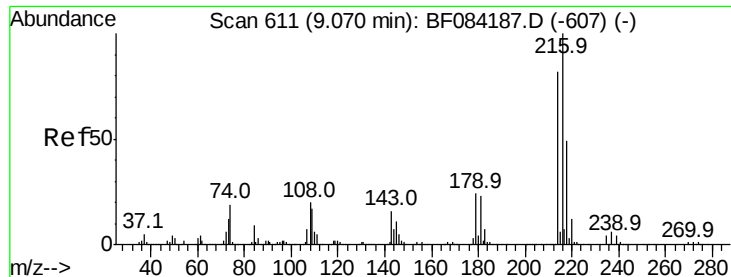


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.36 ng

RT: 9.00 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 611906

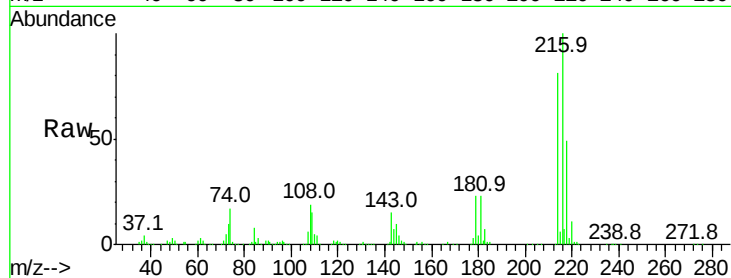
Ion Ratio Lower Upper

216 100

214 80.6 64.2 96.2

179 23.4 18.7 28.1

108 20.9 16.8 25.2

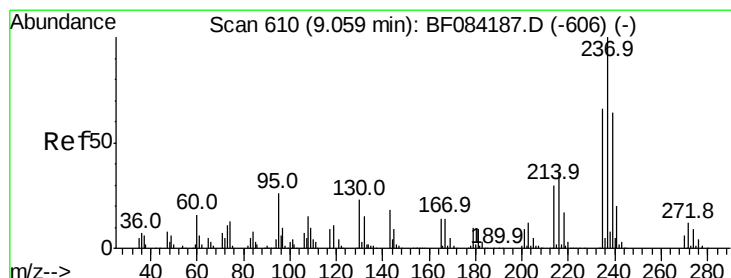
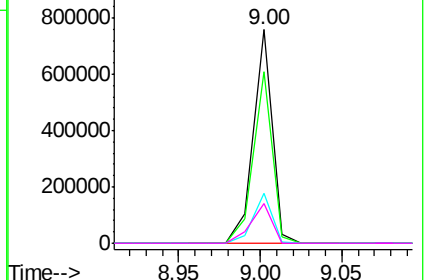
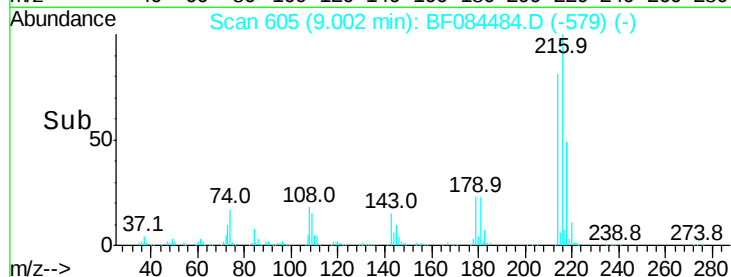


Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.54 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

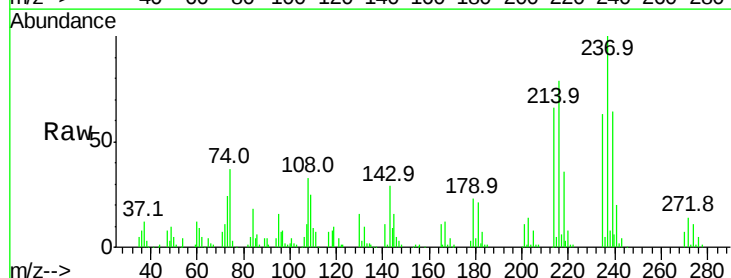
Tgt Ion:237 Resp: 102149

Ion Ratio Lower Upper

237 100

235 63.3 43.1 83.1

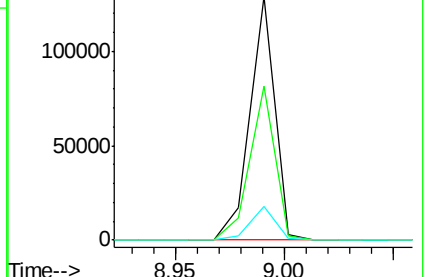
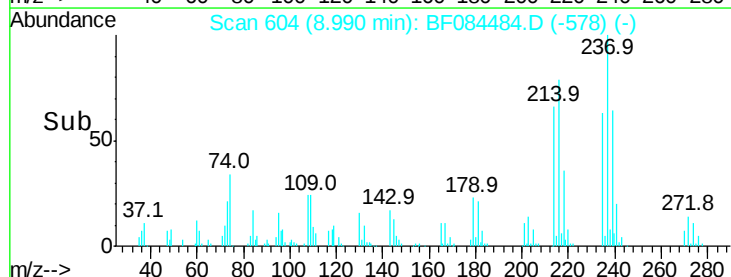
272 14.1 0.0 35.1

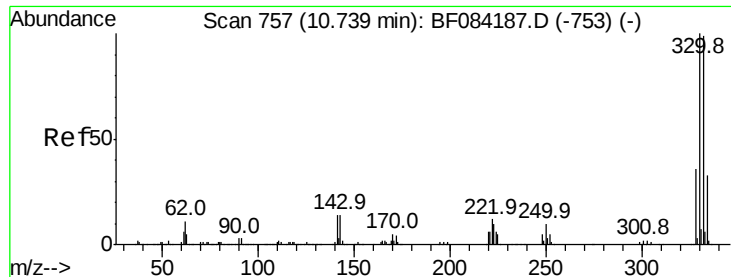


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

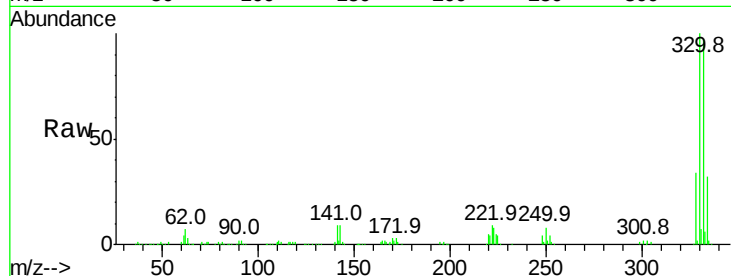




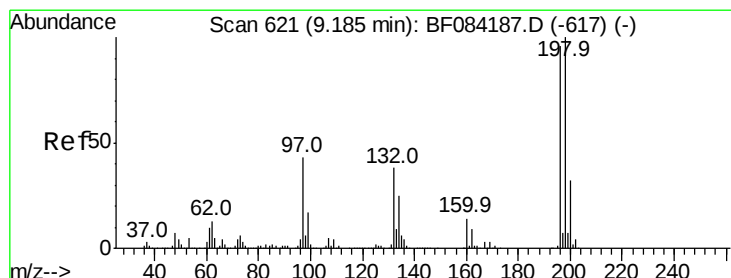
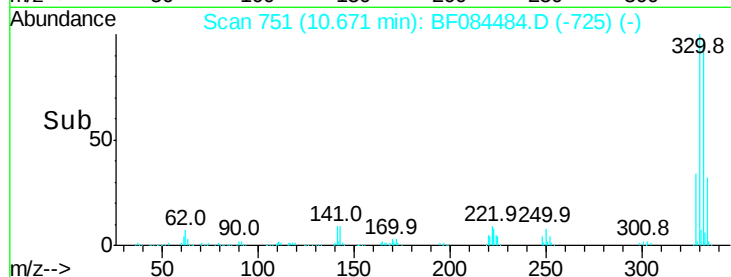
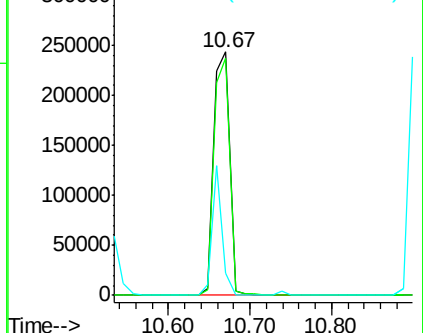
#41
 2,4,6-Tribromophenol
 Concen: 70.35 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF084484.D
 Acq: 14 Jan 2016 11:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 333266
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 33.9 27.8 41.6

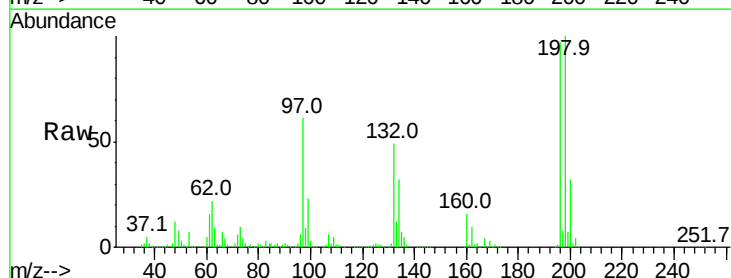


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

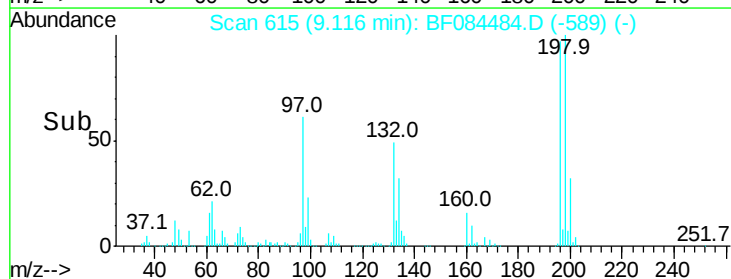
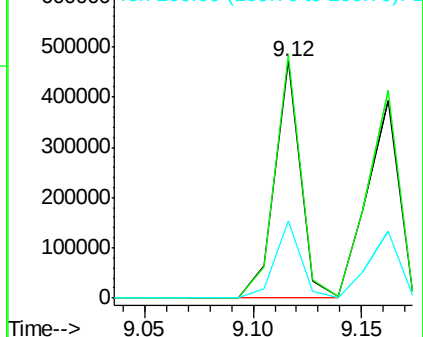


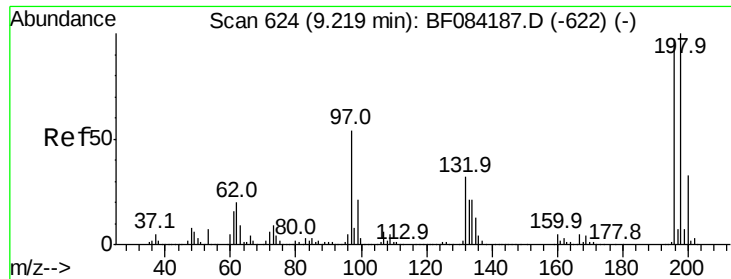
#42
 2,4,6-Trichlorophenol
 Concen: 38.97 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF084484.D
 Acq: 14 Jan 2016 11:59

Tgt Ion:196 Resp: 393260
 Ion Ratio Lower Upper
 196 100
 198 102.9 77.7 116.5
 200 32.6 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

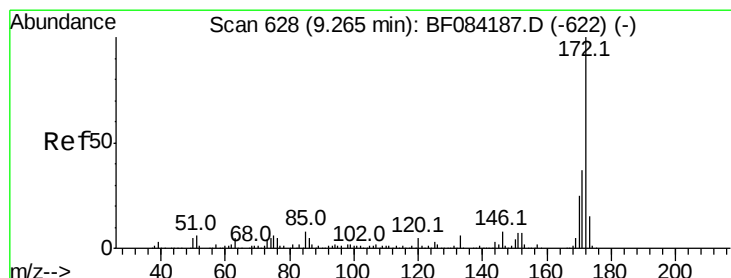
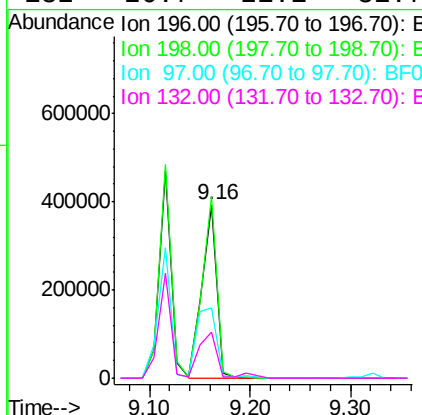
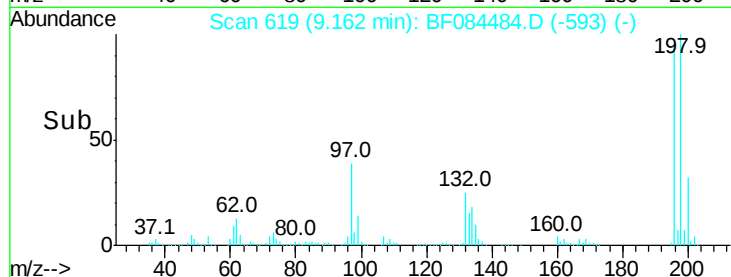
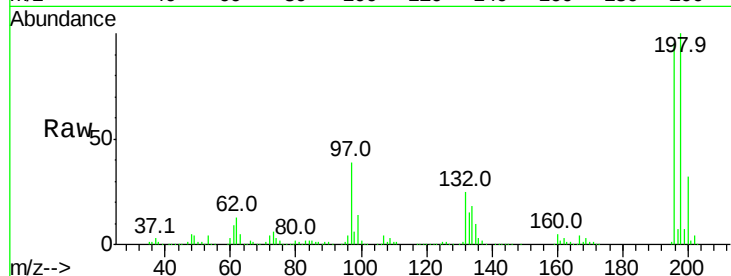




#43
 2,4,5-Trichlorophenol
 Concen: 41.69 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084484.D
 Acq: 14 Jan 2016 11:59

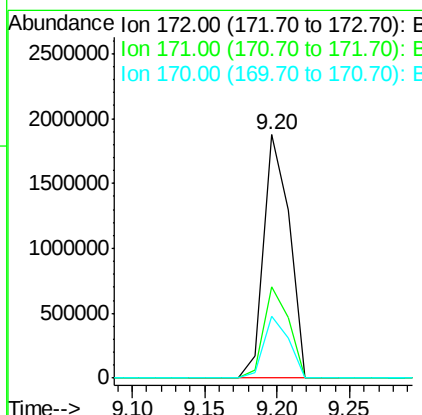
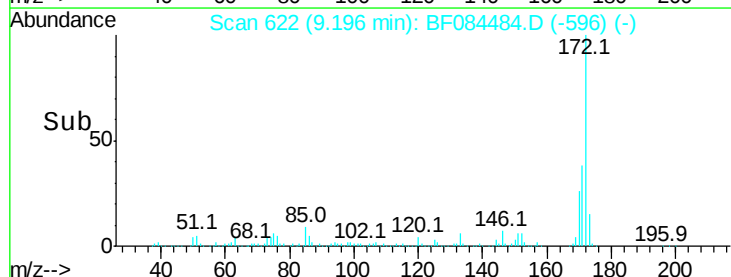
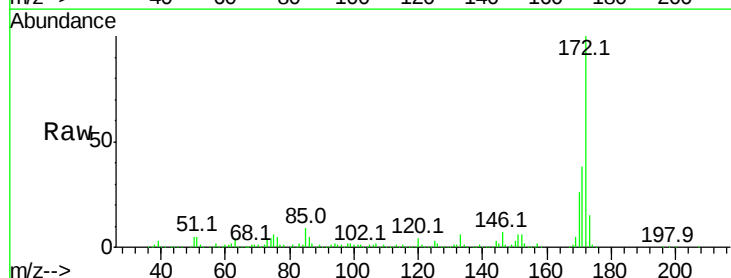
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

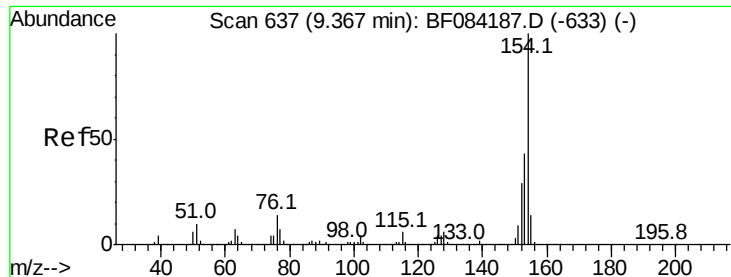
Tot Ion:196	Resp: 403380
Ion Ratio	Lower Upper
196 100	
198 105.0	79.0 118.6
97 41.0	33.0 49.6
132 26.7	21.1 31.7



#44
 2-Fluorobiphenyl
 Concen: 86.28 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084484.D
 Acq: 14 Jan 2016 11:59

Tgt Ion	172	Resp: 2298964	
	Ratio	Lower	Upper
172	100		
171	37.6	28.9	43.3
170	25.5	18.6	27.8





#45

1,1'-Biphenyl

Concen: 41.32 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

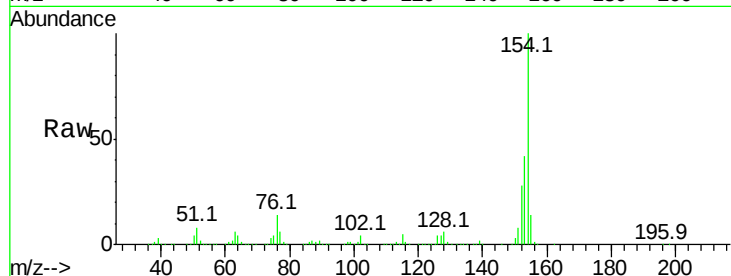
Tot Ion:154 Resp: 1540986

Ion Ratio Lower Upper

154 100

153 41.7 21.6 61.6

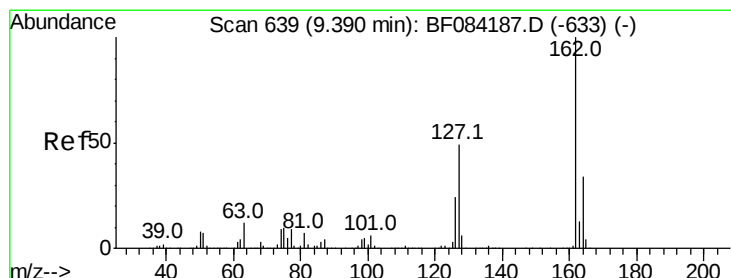
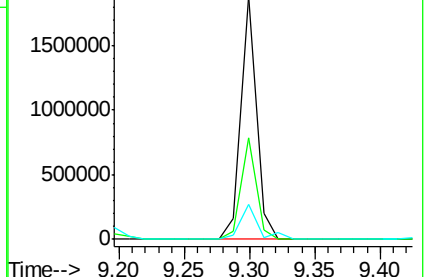
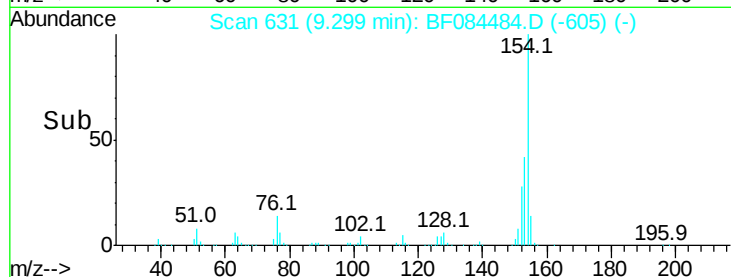
76 14.2 0.0 32.7



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: 38.71 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

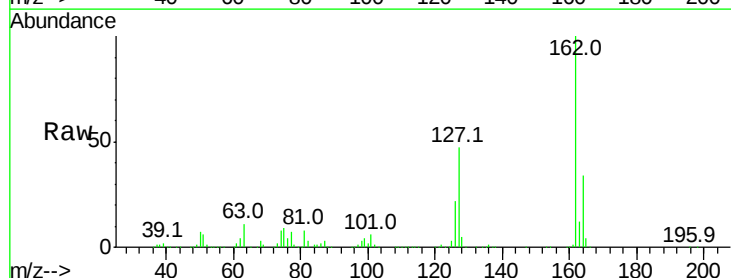
Tgt Ion:162 Resp: 1134045

Ion Ratio Lower Upper

162 100

127 46.7 40.2 60.4

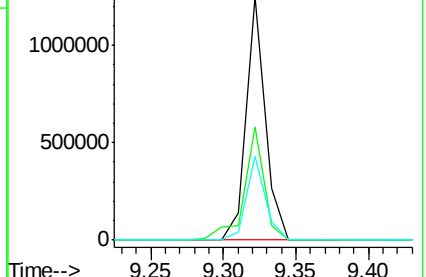
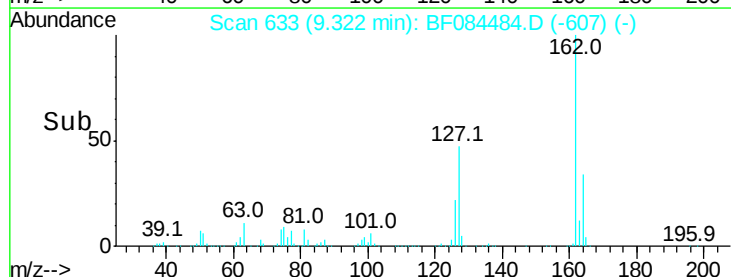
164 34.2 25.7 38.5

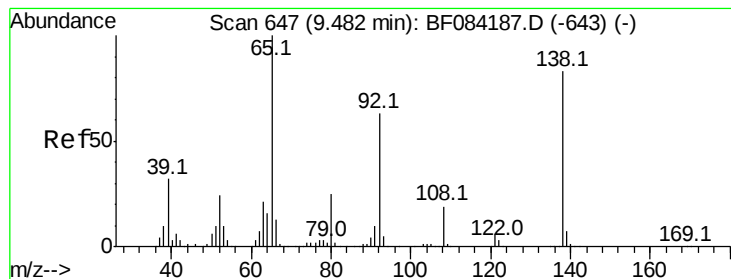


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.90 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

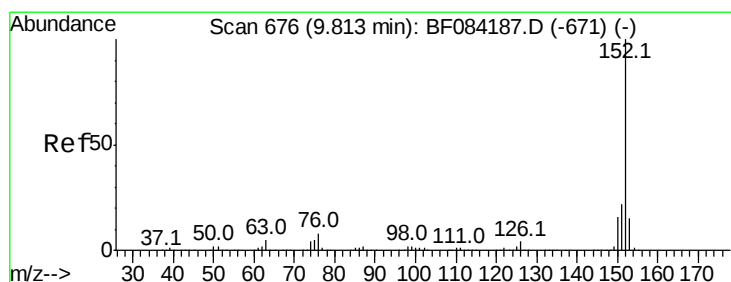
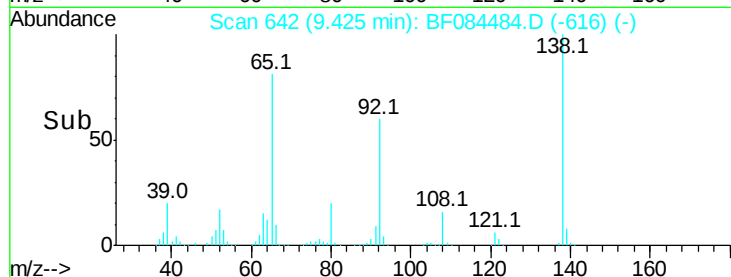
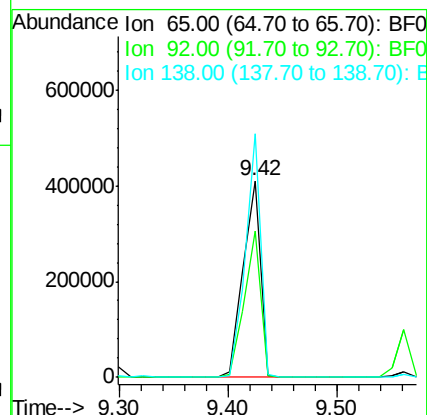
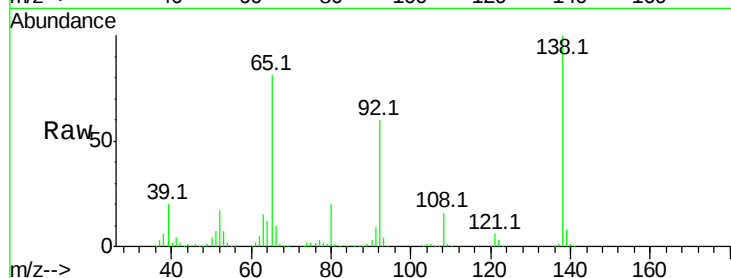
Tot Ion: 65 Resp: 443815

Ion Ratio Lower Upper

65 100

92 74.7 53.4 80.2

138 124.0 71.1 106.7#



#48

Acenaphthylene

Concen: 40.57 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

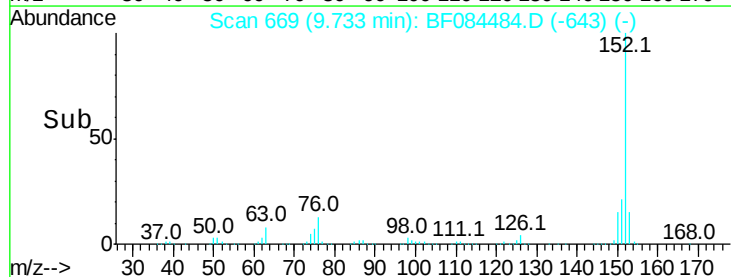
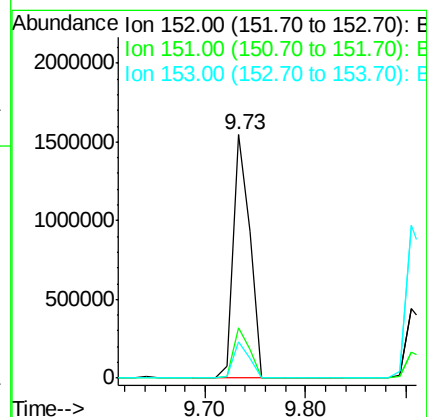
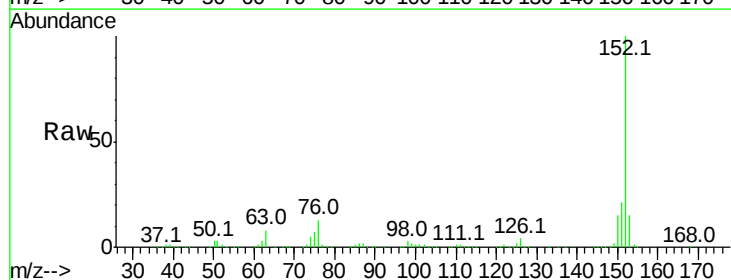
Tgt Ion:152 Resp: 1755915

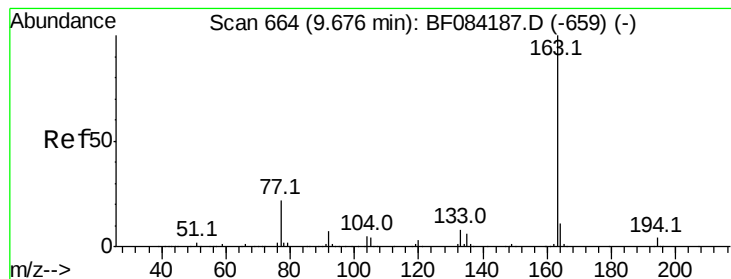
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 15.1 10.4 15.6





#49

Dimethylphthalate

Concen: 44.63 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

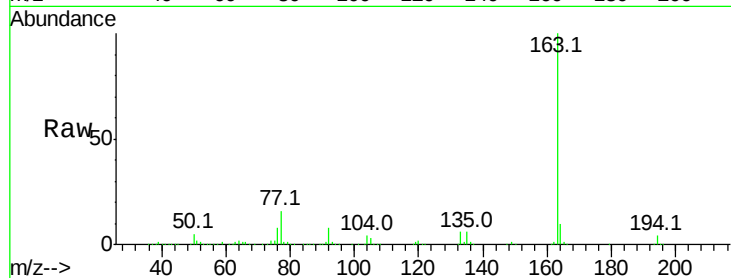
Tot Ion:163 Resp: 1497242

Ion Ratio Lower Upper

163 100

194 3.7 8.0 12.0#

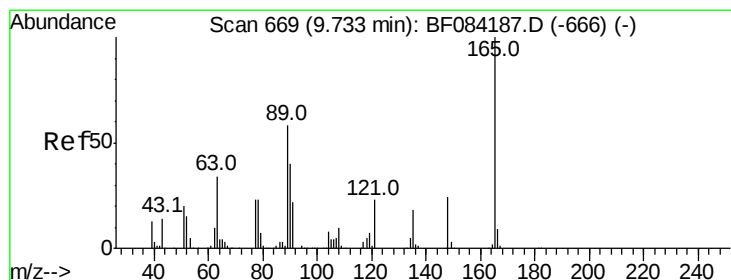
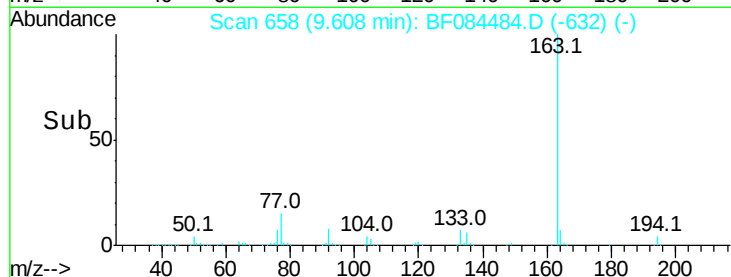
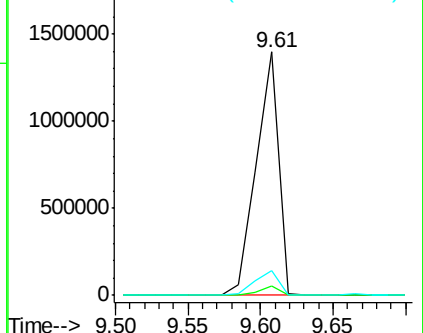
164 10.1 8.0 12.0



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: 42.71 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

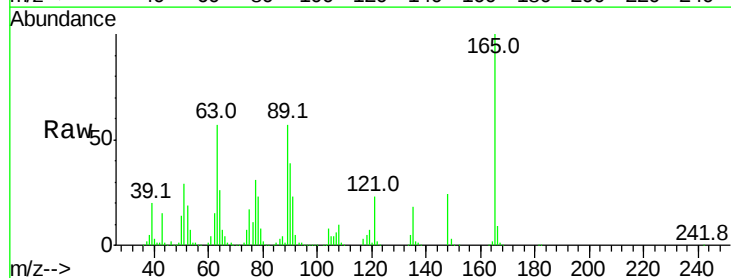
Tgt Ion:165 Resp: 314241

Ion Ratio Lower Upper

165 100

63 57.3 28.8 43.2#

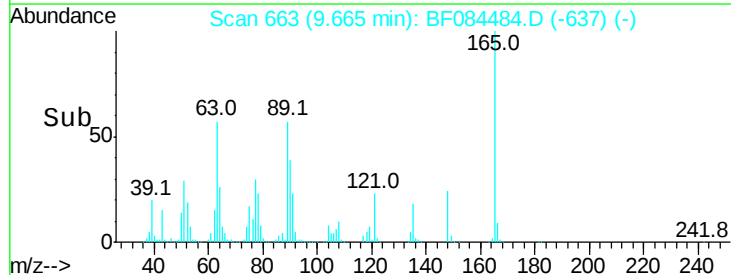
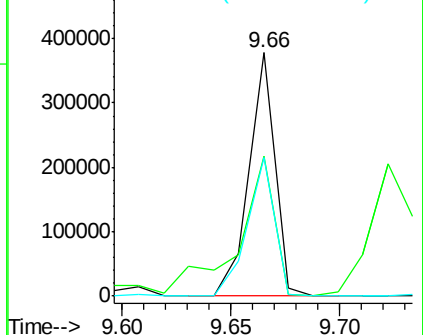
89 56.9 35.1 52.7#

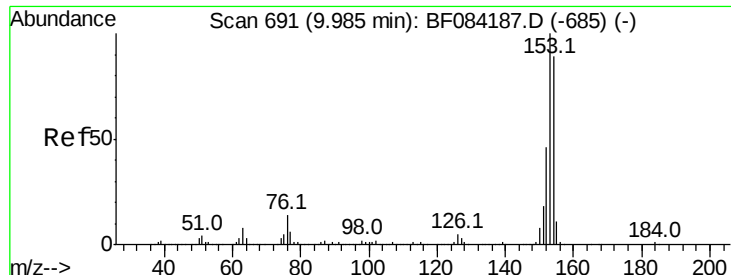


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.13 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

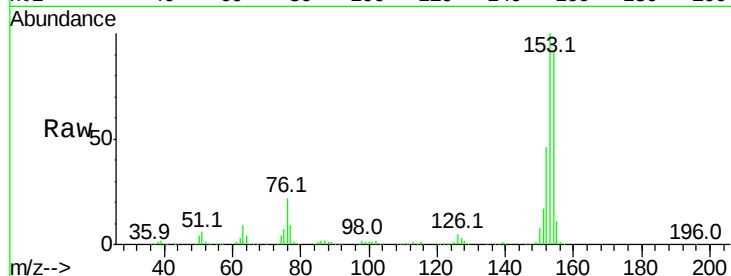
Tot Ion:154 Resp: 1135847

Ion Ratio Lower Upper

154 100

153 110.5 91.5 137.3

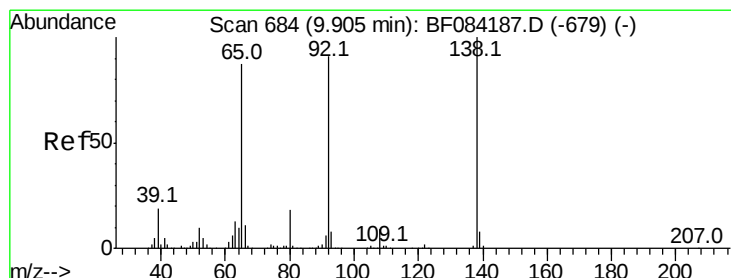
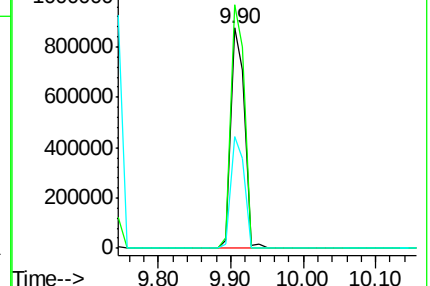
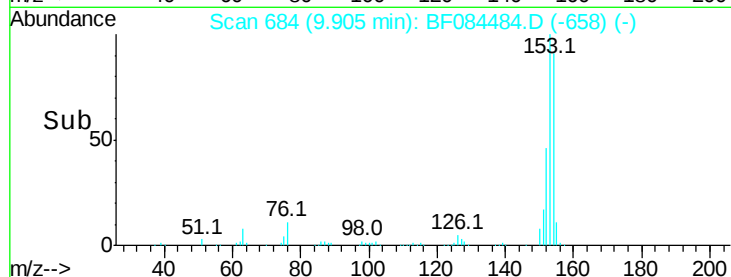
152 50.5 43.0 64.6



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: 45.82 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

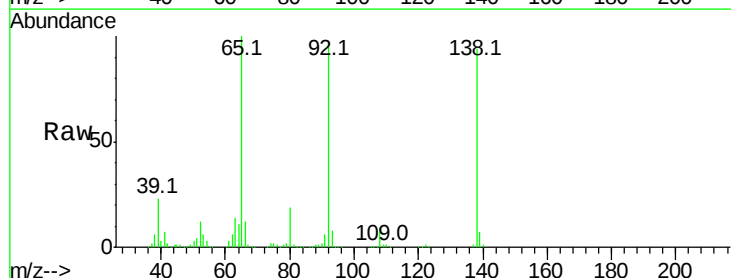
Tgt Ion:138 Resp: 417686

Ion Ratio Lower Upper

138 100

108 10.1 10.5 15.7#

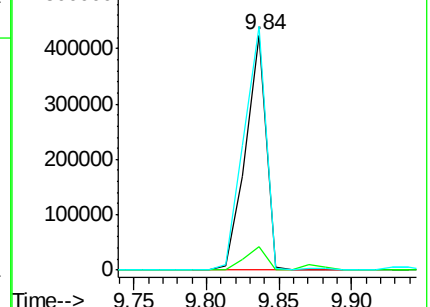
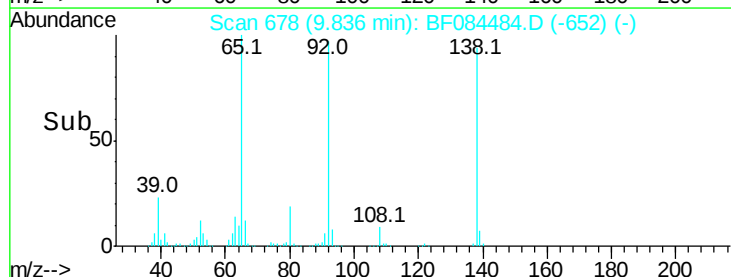
92 103.7 103.9 155.9#

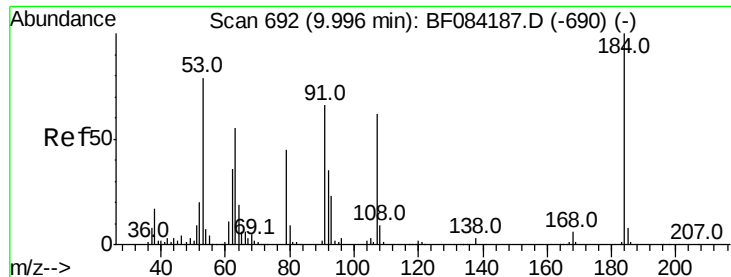


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

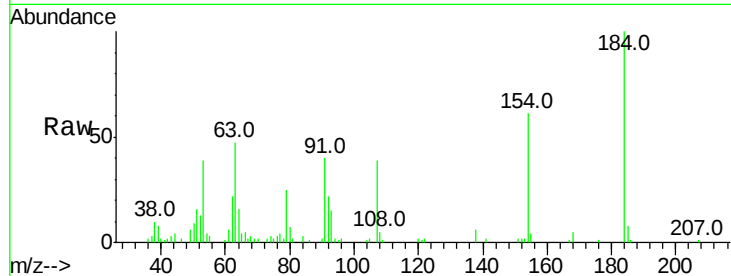




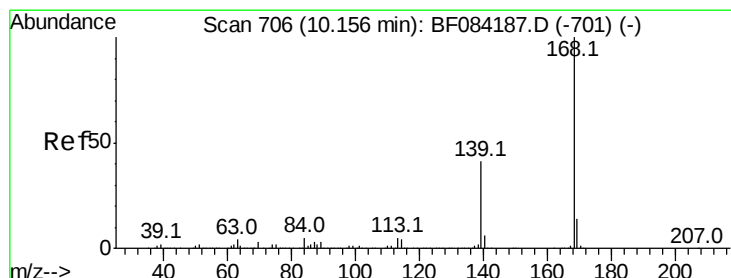
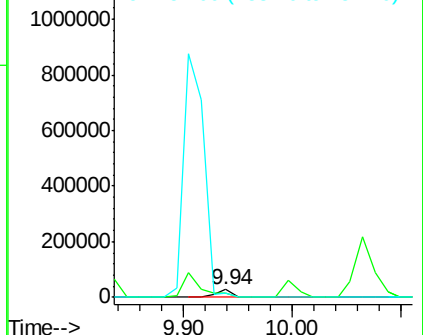
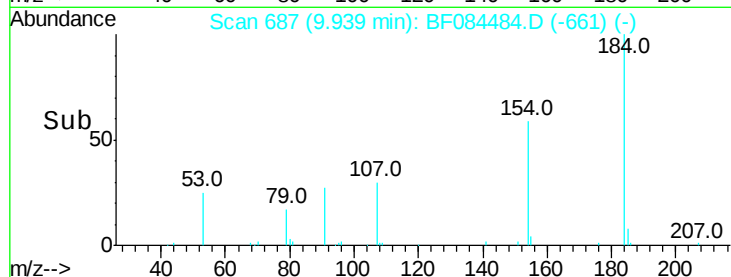
#53
2,4-Dinitrophenol
Concen: 13.14 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 31443
Ion Ratio Lower Upper
184 100
63 47.0 43.1 64.7
154 60.9 60.5 90.7

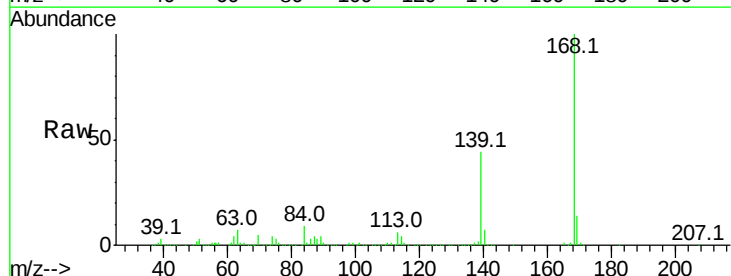


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

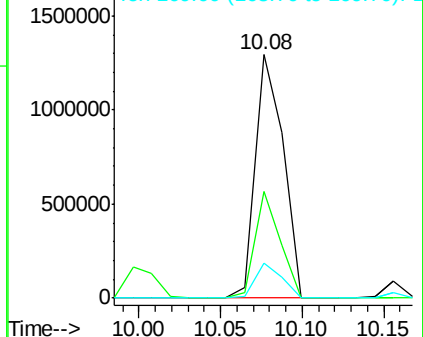
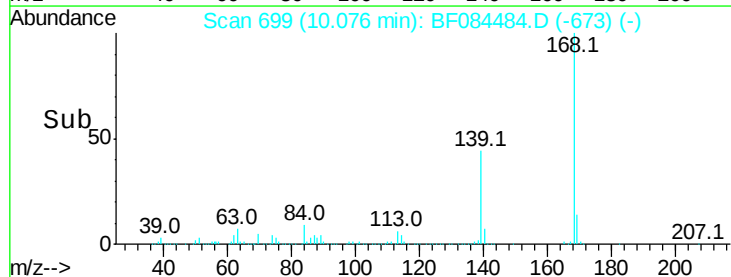


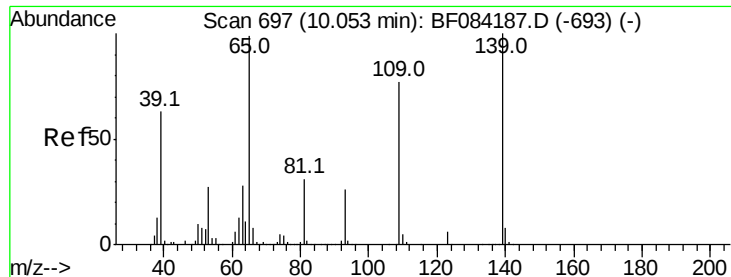
#54
Dibenzofuran
Concen: 40.39 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Tgt Ion:168 Resp: 1530012
Ion Ratio Lower Upper
168 100
139 43.7 30.5 45.7
169 14.4 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 32.30 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

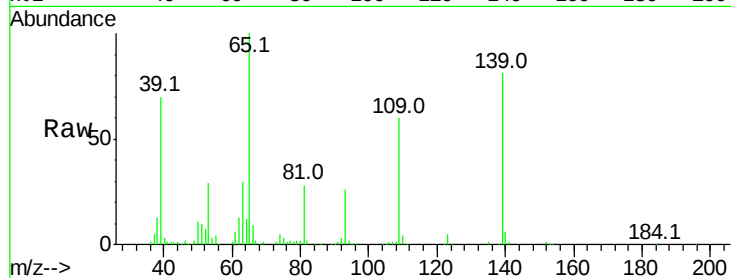
Tot Ion:139 Resp: 213736

Ion Ratio Lower Upper

139 100

109 74.4 58.5 98.5

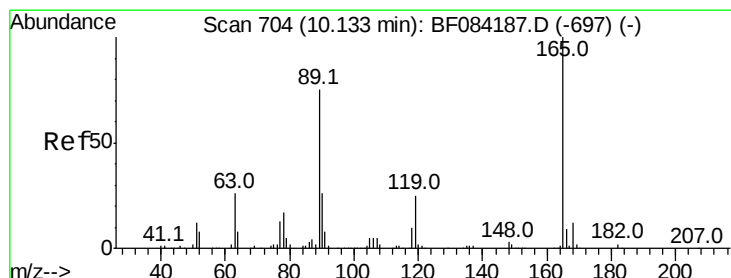
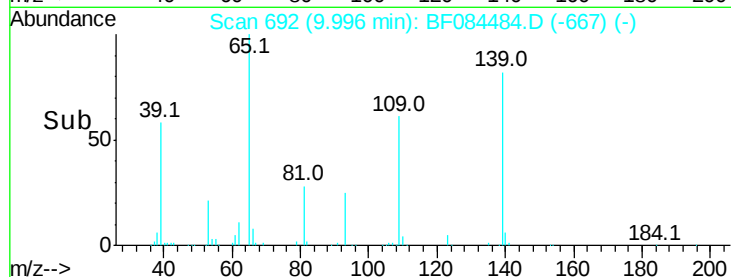
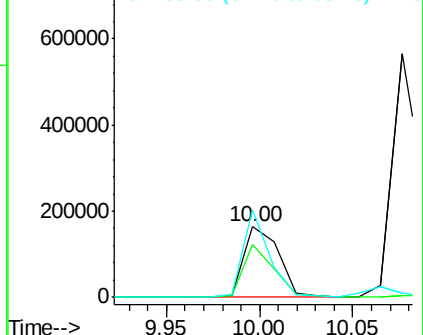
65 123.8 57.6 97.6#



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: 41.38 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Tgt Ion:165 Resp: 385339

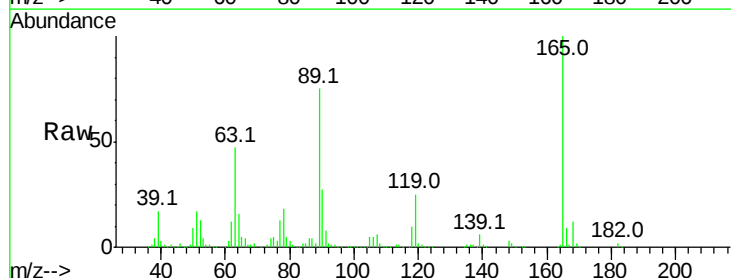
Ion Ratio Lower Upper

165 100

63 46.9 36.7 55.1

89 75.0 61.9 92.9

182 2.2 2.0 3.0

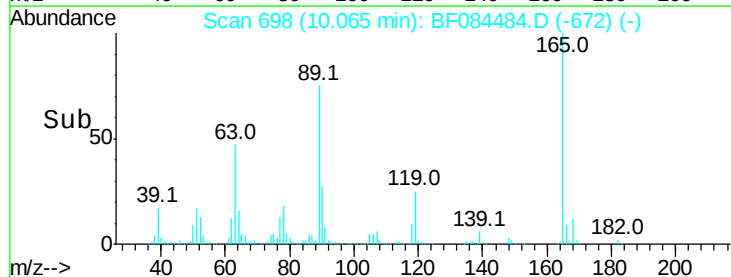
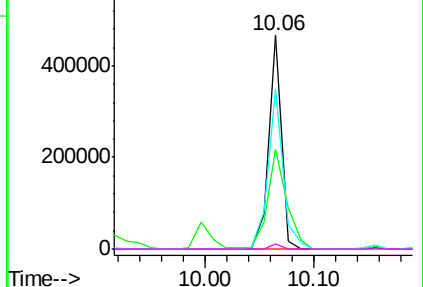


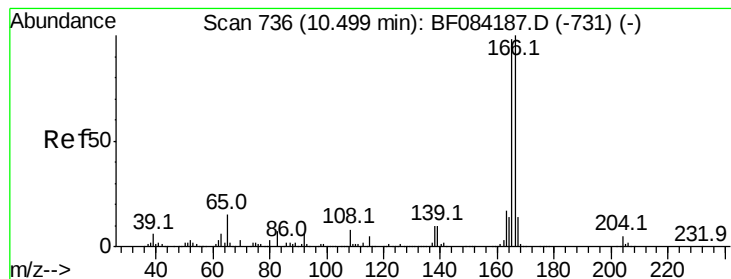
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.01 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

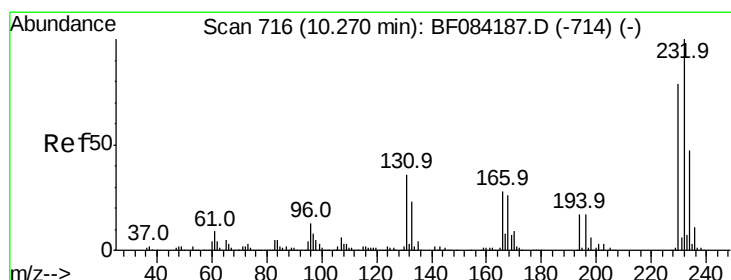
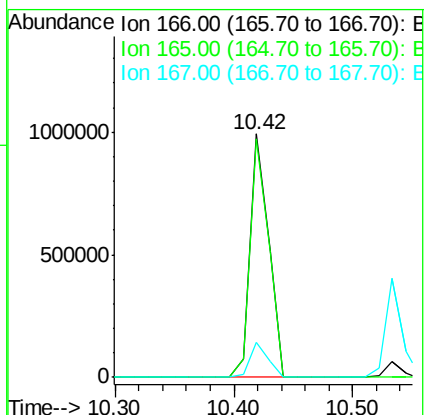
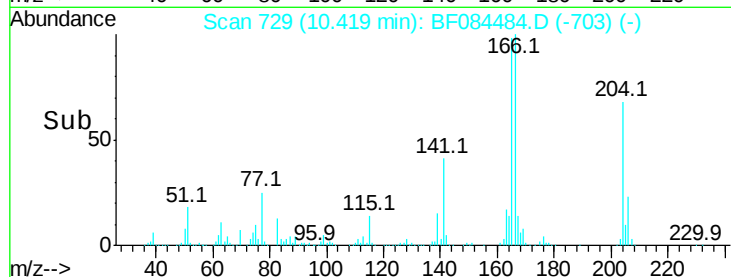
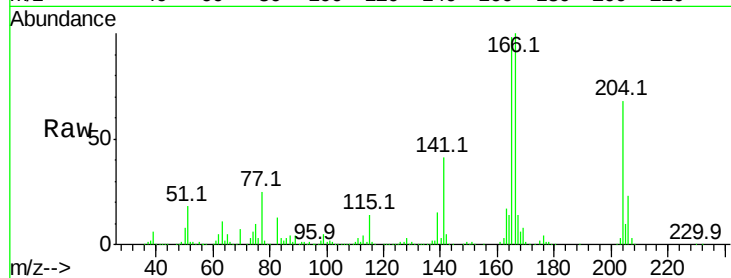
Tot Ion:166 Resp: 1088294

Ion Ratio Lower Upper

166 100

165 97.9 79.1 118.7

167 14.1 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.29 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Tgt Ion:232 Resp: 308042

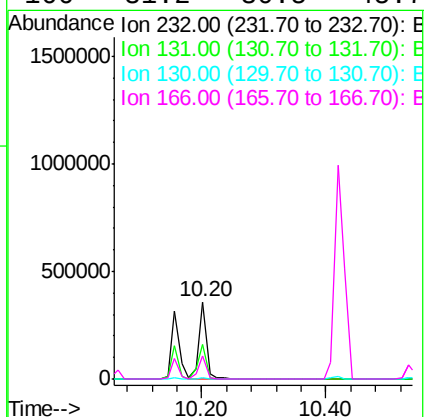
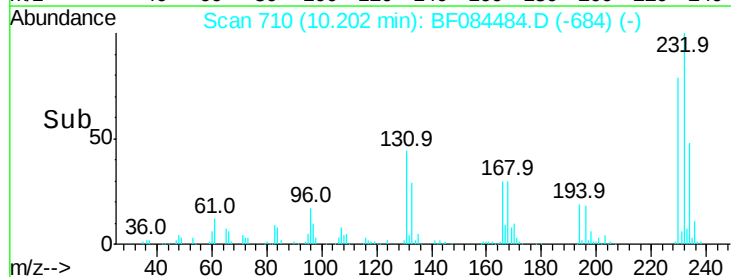
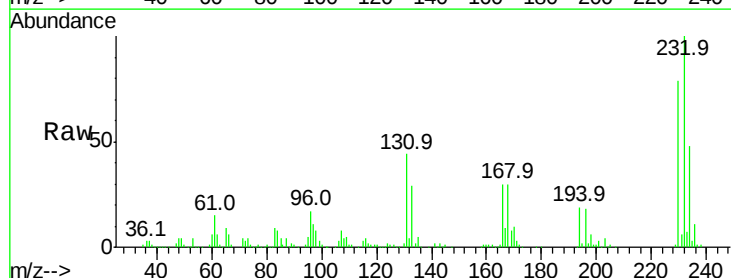
Ion Ratio Lower Upper

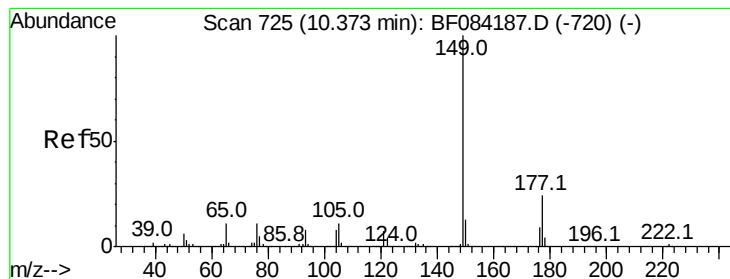
232 100

131 47.7 47.0 70.6

130 2.3 2.0 3.0

166 31.2 30.5 45.7





#59

Diethylphthalate

Concen: 41.54 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

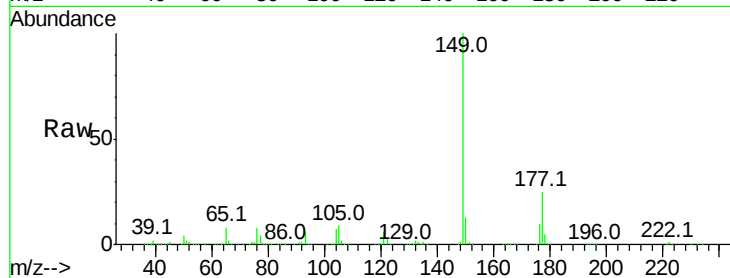
Tot Ion:149 Resp: 1373988

Ion Ratio Lower Upper

149 100

177 25.0 17.3 25.9

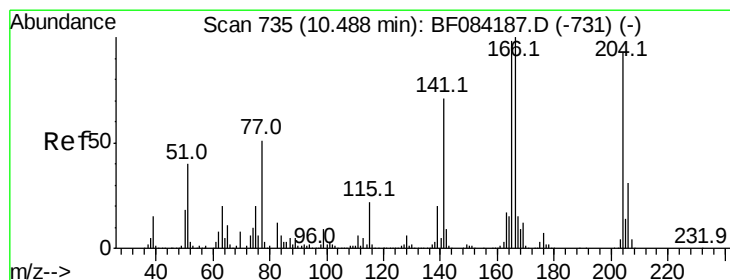
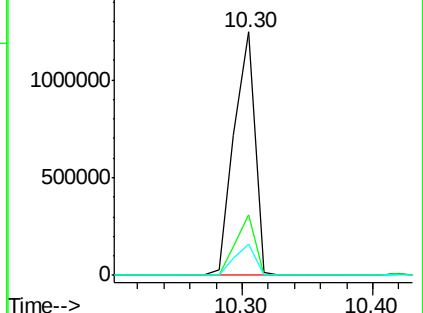
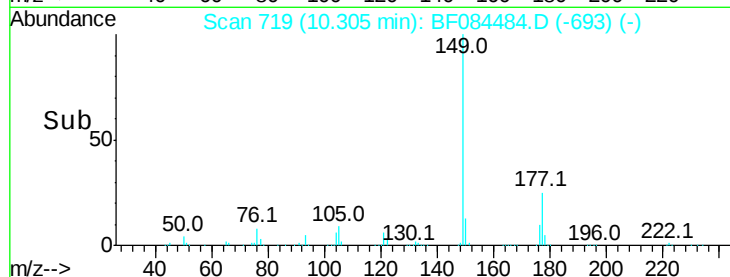
150 12.9 9.8 14.8



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: 47.77 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

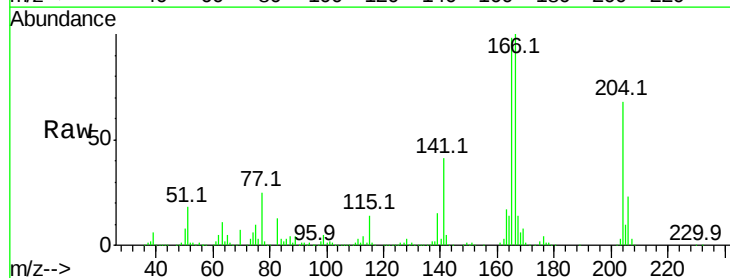
Tgt Ion:204 Resp: 579978

Ion Ratio Lower Upper

204 100

206 33.4 25.7 38.5

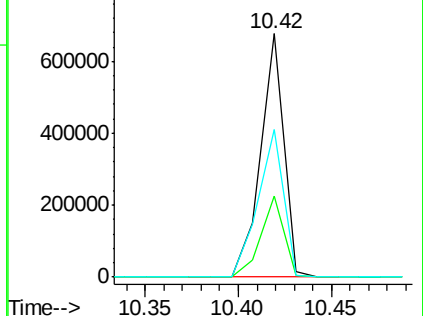
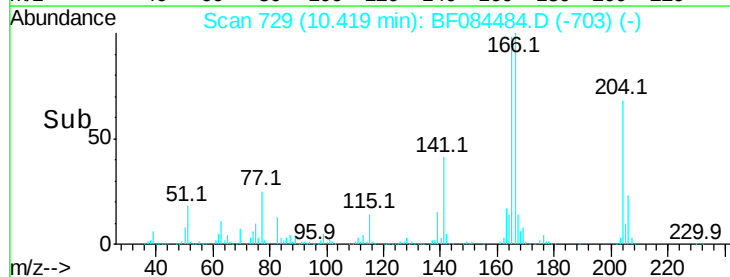
141 60.8 55.1 82.7

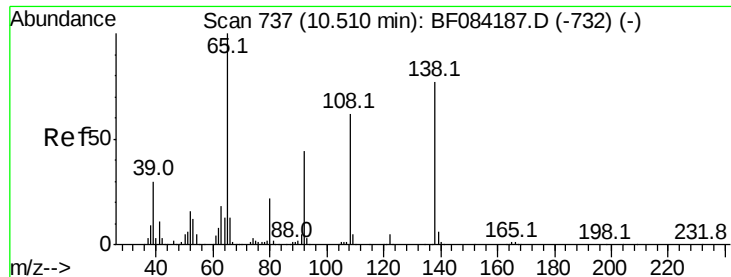


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

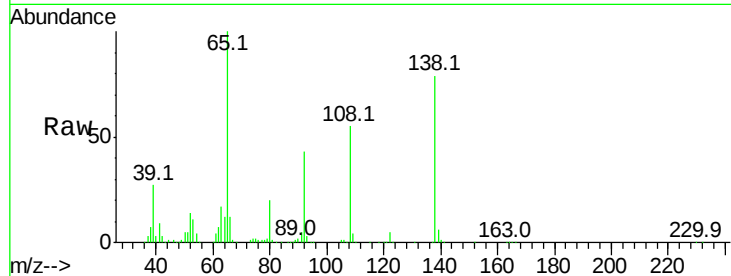




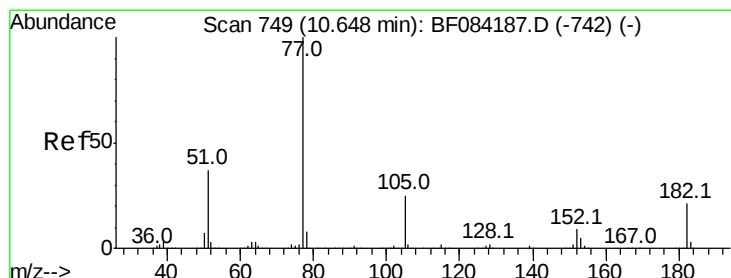
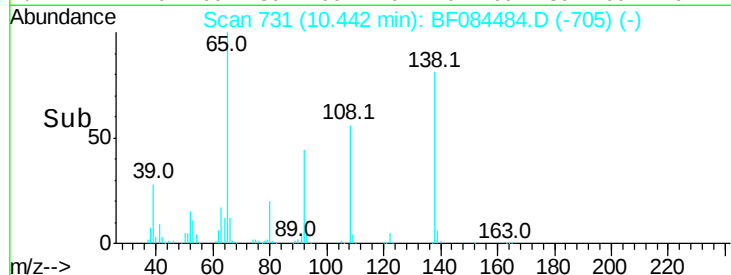
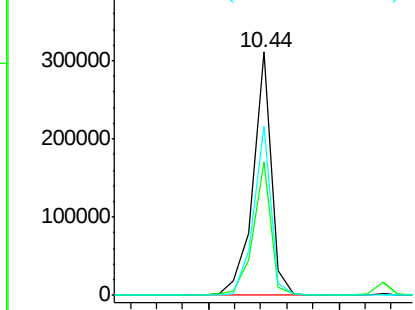
#61
4-Nitroaniline
Concen: 37.47 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 304550
Ion Ratio Lower Upper
138 100
92 54.9 32.6 72.6
108 69.7 68.6 108.6

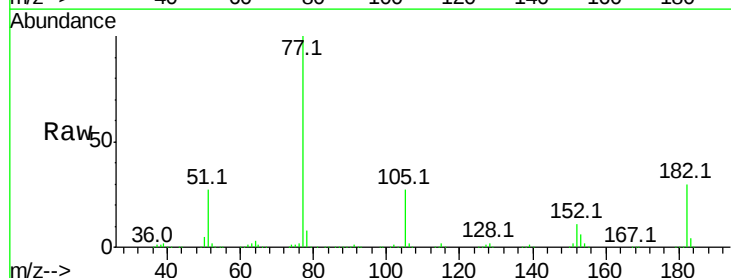


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

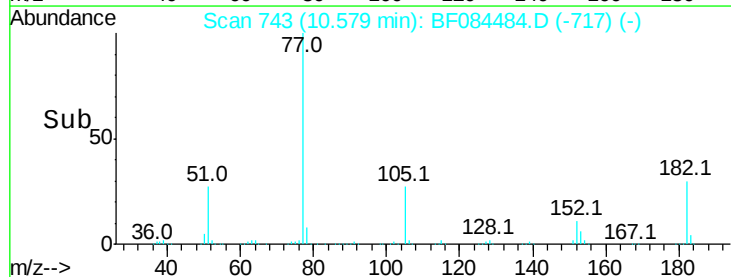
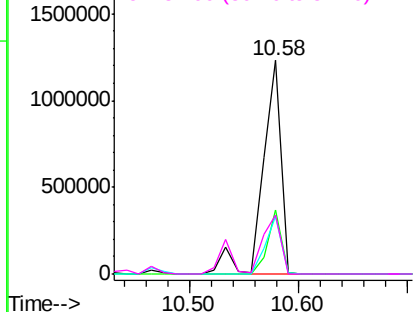


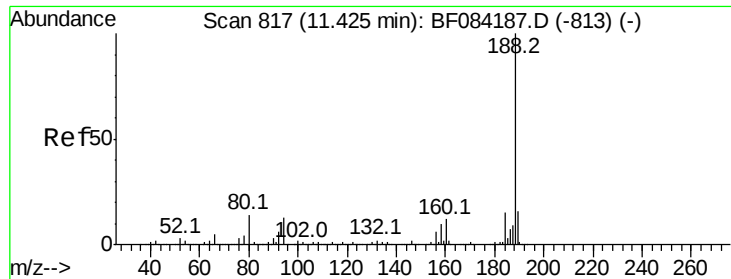
#62
Azobenzene
Concen: 39.90 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Tgt Ion: 77 Resp: 1447482
Ion Ratio Lower Upper
77 100
182 30.0 8.3 48.3
105 27.1 4.6 44.6
51 27.4 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

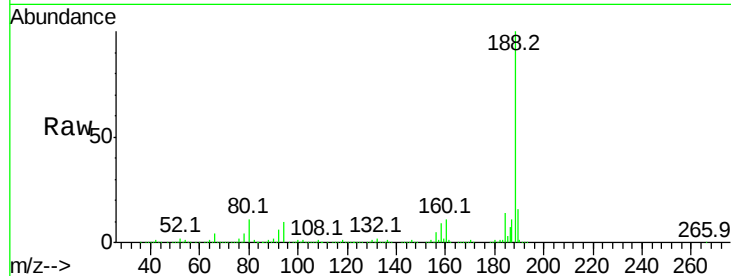




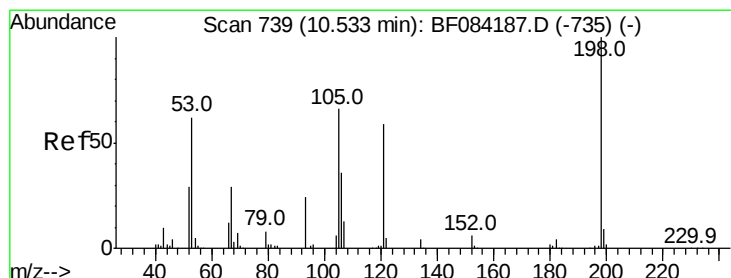
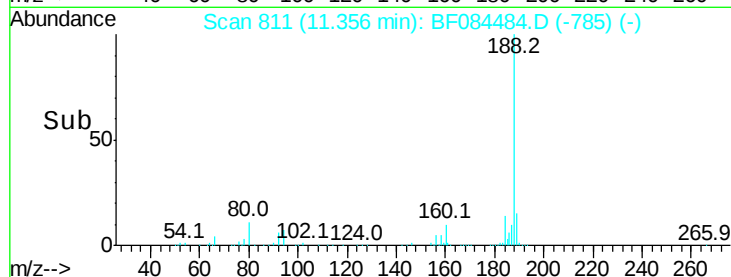
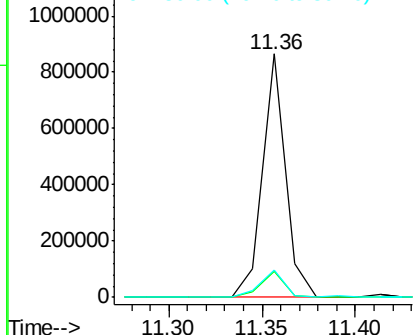
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:188 Resp: 748727
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 11.1 9.6 14.4

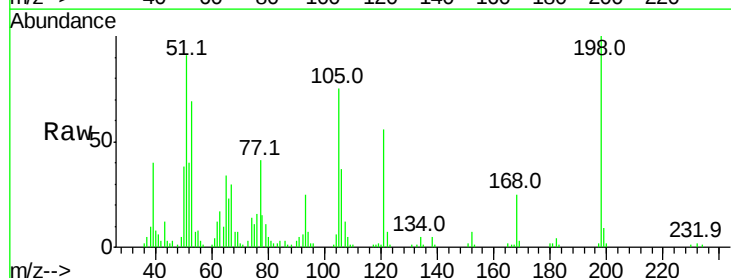


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

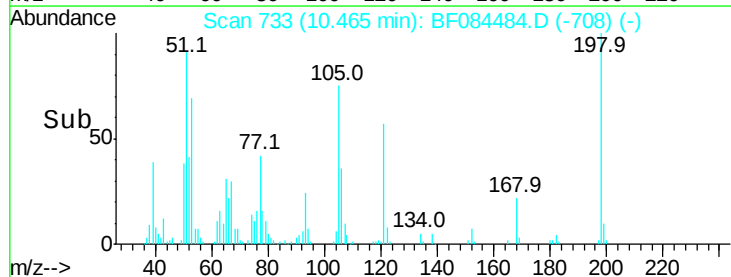
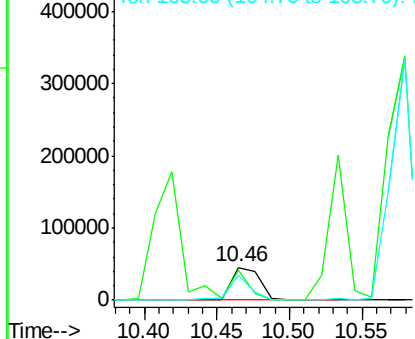


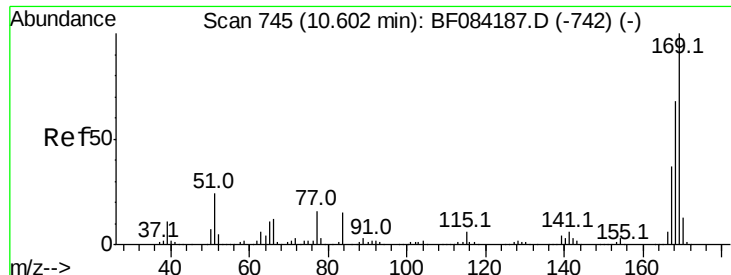
#64
4,6-Dinitro-2-methylphenol
Concen: 16.42 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Tgt Ion:198 Resp: 60750
Ion Ratio Lower Upper
198 100
51 91.3 18.9 58.9#
105 75.2 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

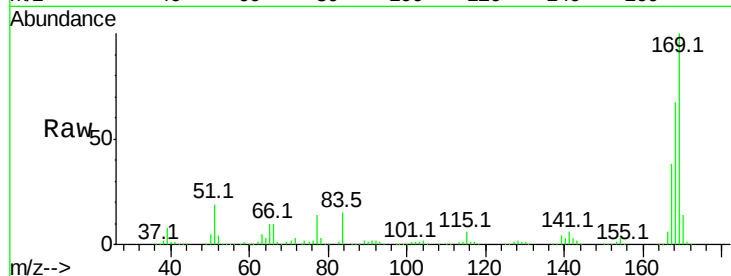




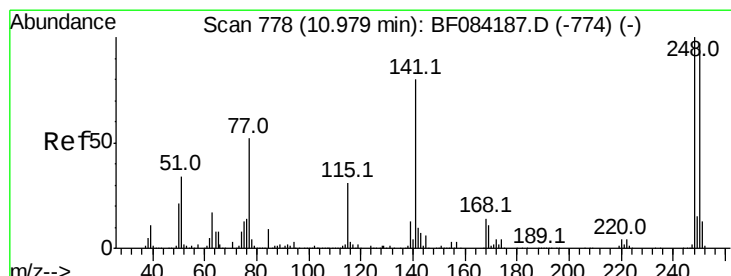
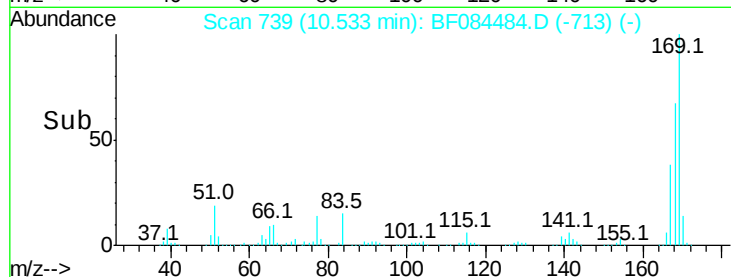
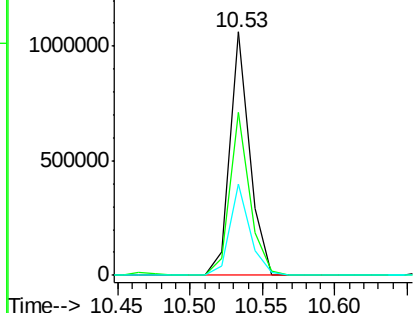
#65
n-Nitrosodiphenylamine
Concen: 42.07 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:169 Resp: 1007058
Ion Ratio Lower Upper
169 100
168 67.2 55.1 82.7
167 37.8 30.0 45.0

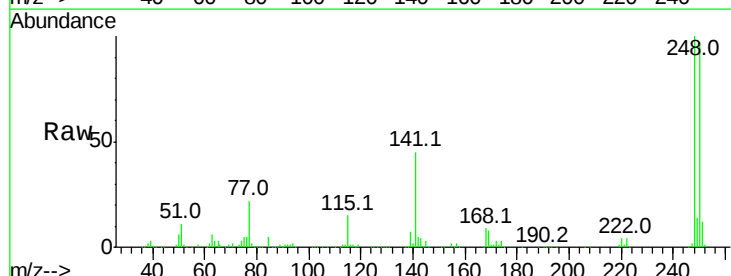


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

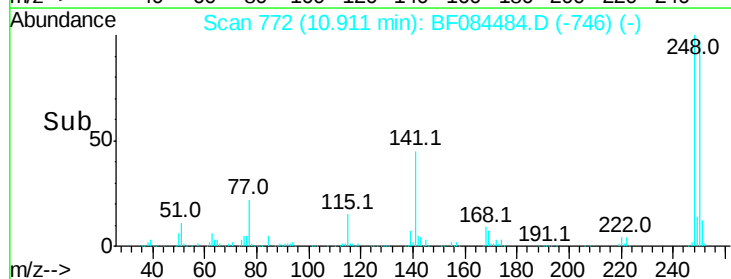
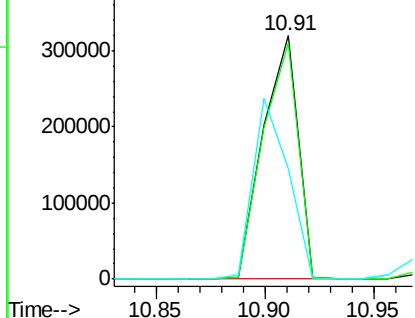


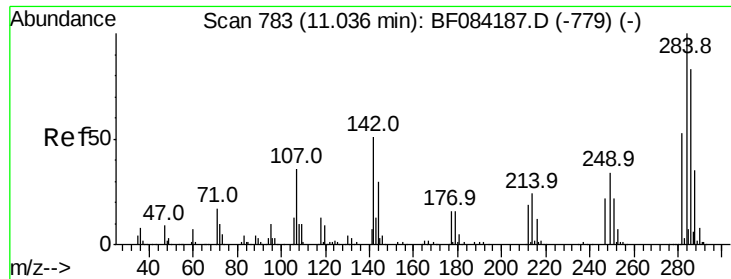
#66
4-Bromophenyl-phenylether
Concen: 44.77 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Tgt Ion:248 Resp: 360757
Ion Ratio Lower Upper
248 100
250 96.9 78.4 117.6
141 45.4 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

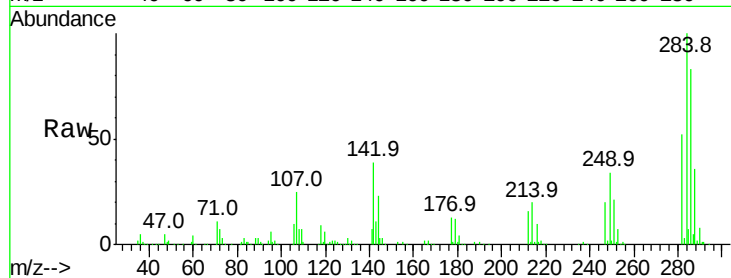




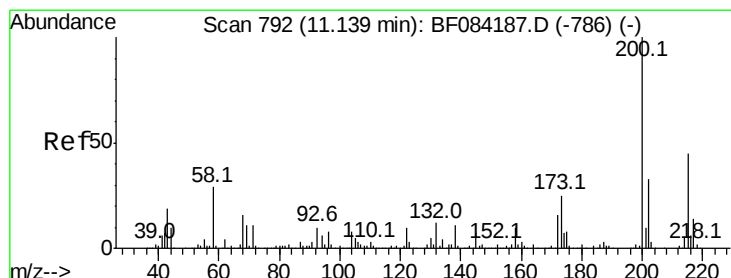
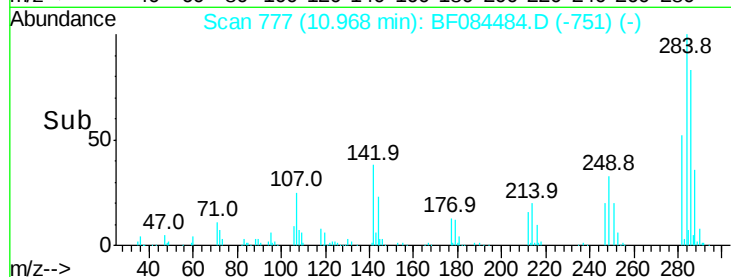
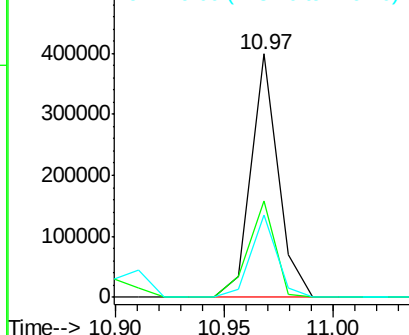
#67
Hexachlorobenzene
Concen: 38.09 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 345521
Ion Ratio Lower Upper
284 100
142 39.4 22.2 33.4#
249 33.6 24.6 37.0

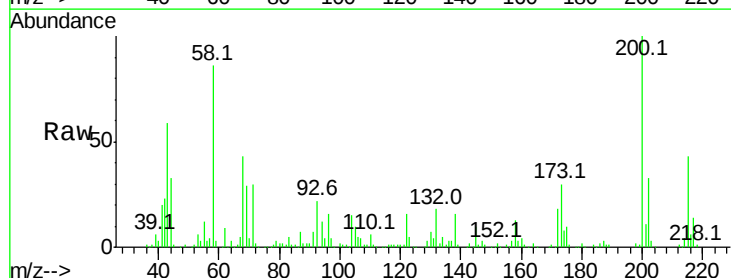


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

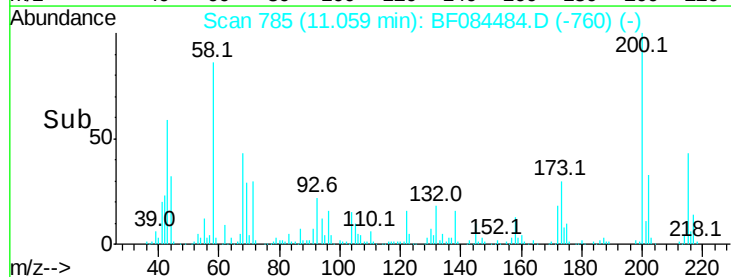
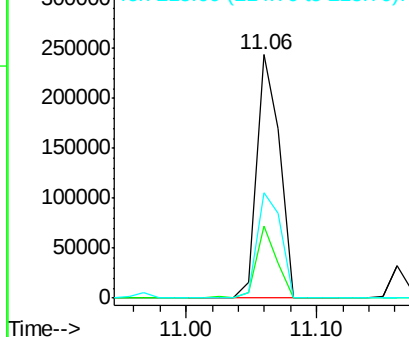


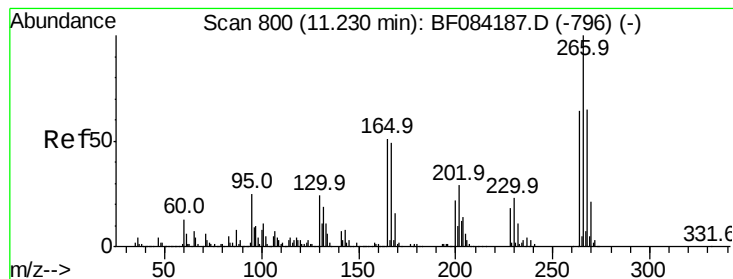
#68
Atrazine
Concen: 37.79 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Tgt Ion:200 Resp: 296023
Ion Ratio Lower Upper
200 100
173 29.6 9.5 49.5
215 43.2 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: 30.71 ng

RT: 11.16 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

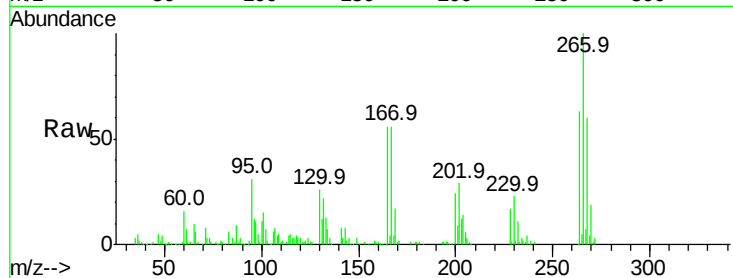
Tot Ion:266 Resp: 144440

Ion Ratio Lower Upper

266 100

268 60.0 52.4 78.6

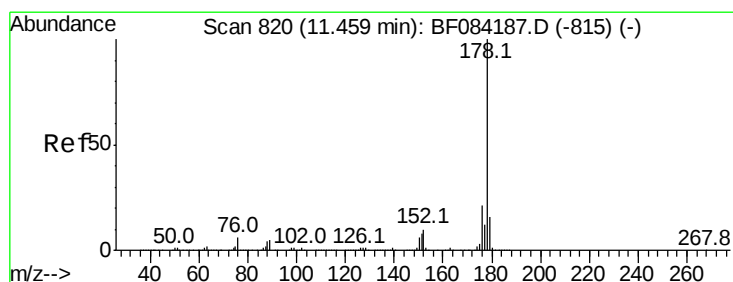
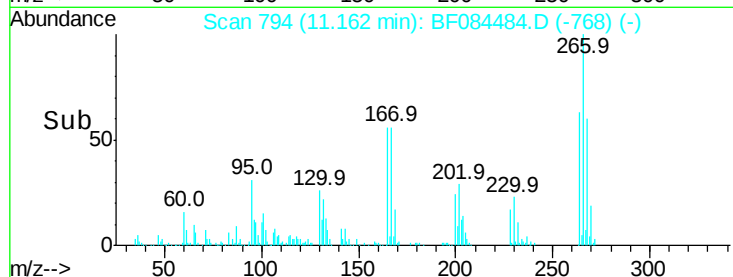
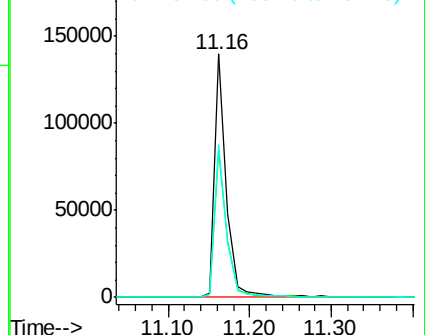
264 62.7 50.2 75.2



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: 38.84 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

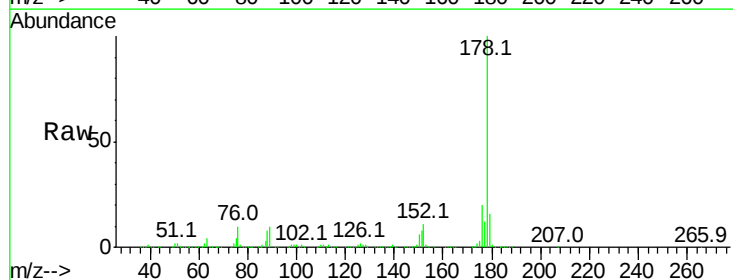
Tgt Ion:178 Resp: 1520979

Ion Ratio Lower Upper

178 100

176 20.2 15.3 22.9

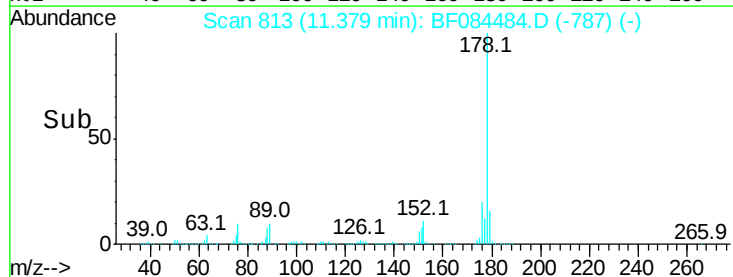
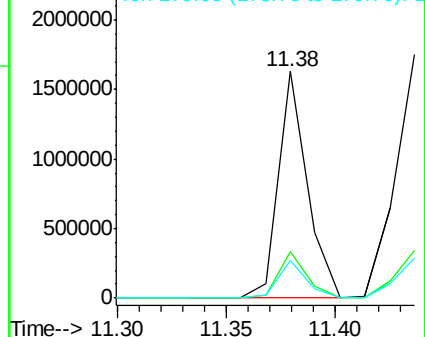
179 16.3 12.0 18.0

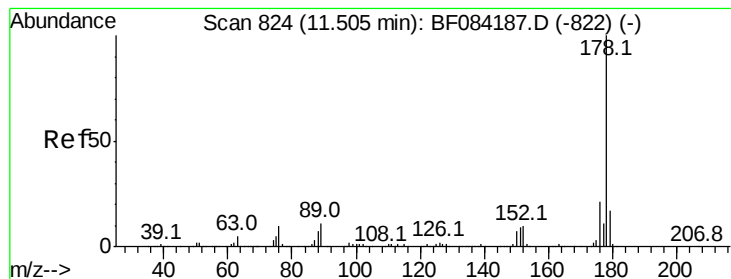


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.71 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

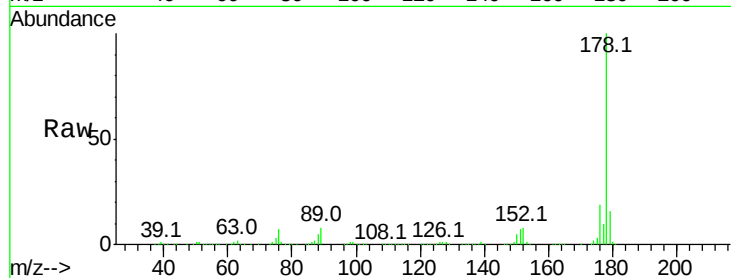
Tot Ion:178 Resp: 1678099

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

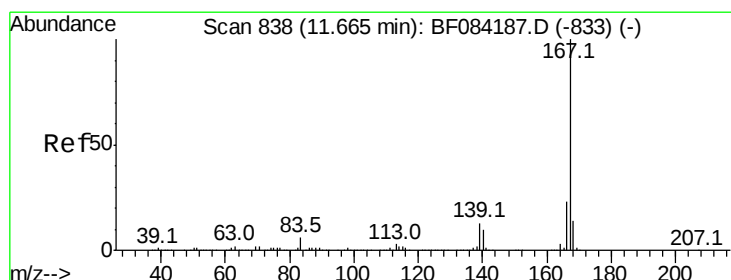
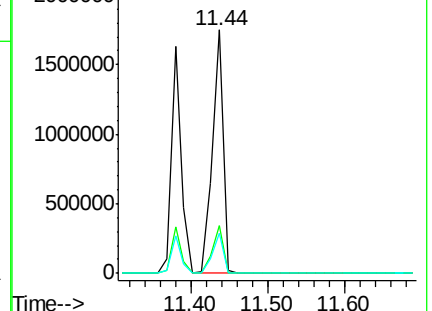
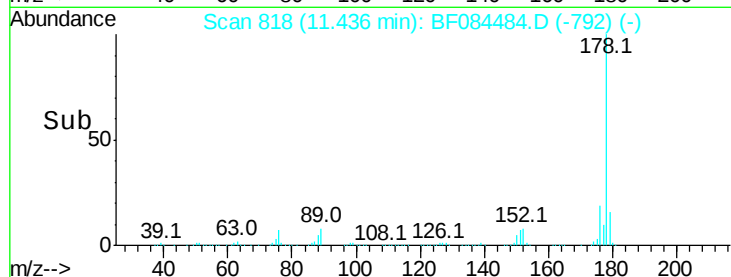
179 16.3 12.5 18.7



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: 37.09 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

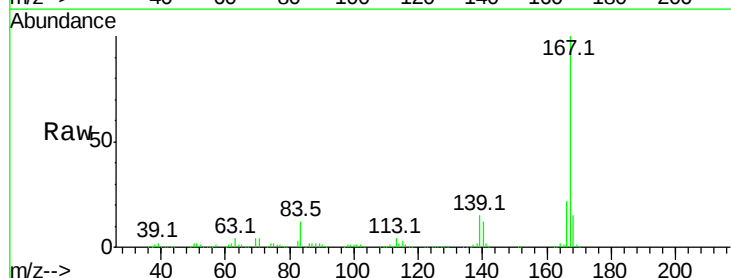
Tgt Ion:167 Resp: 1392226

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

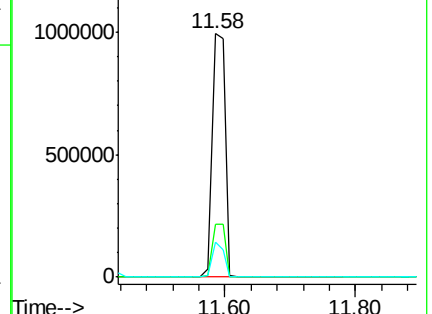
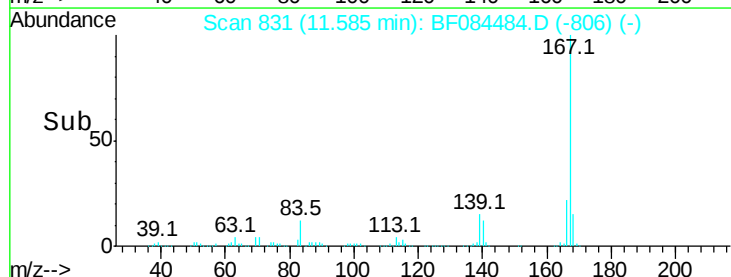
139 14.6 11.8 17.8

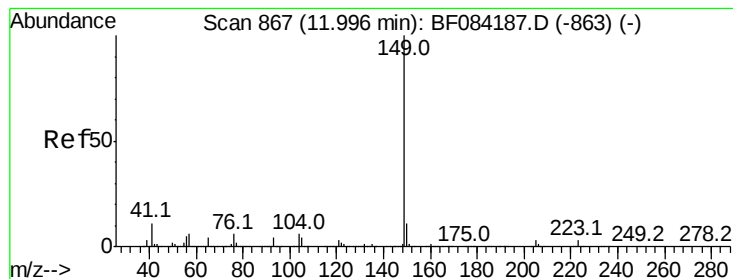


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.30 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

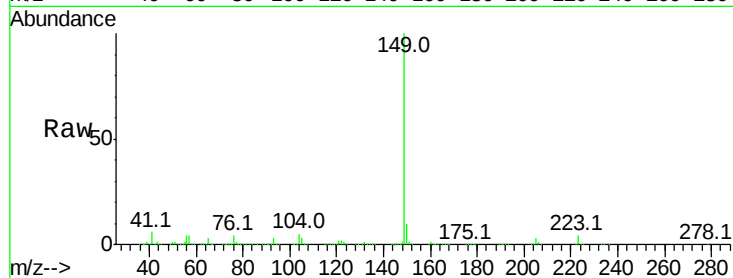
Tot Ion:149 Resp: 1919987

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

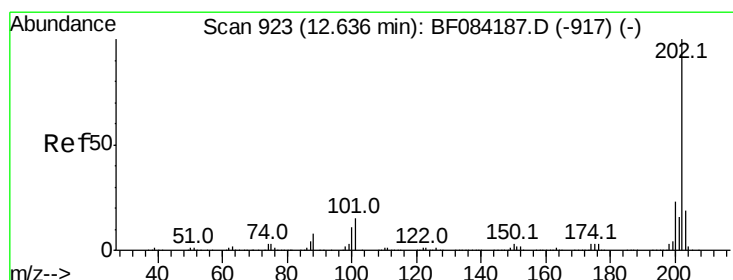
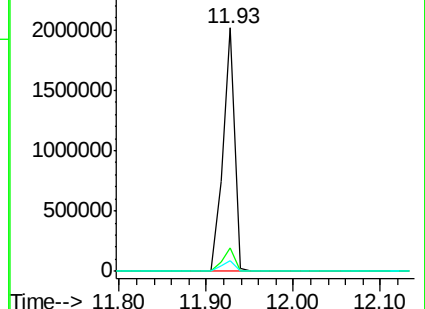
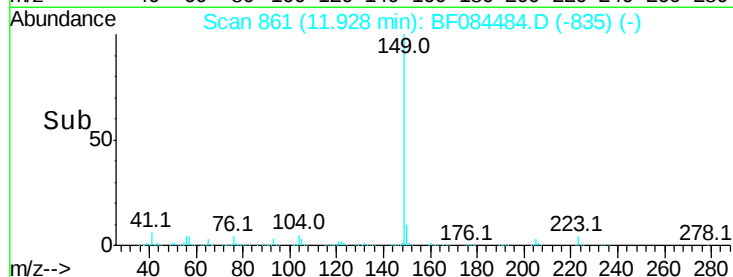
104 4.6 3.2 4.8



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: 35.34 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

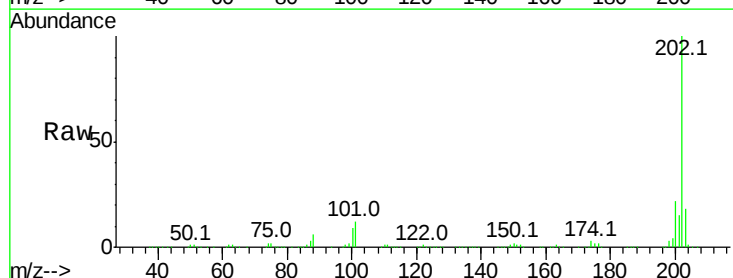
Tgt Ion:202 Resp: 1446044

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.8

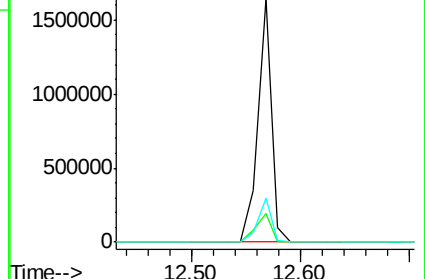
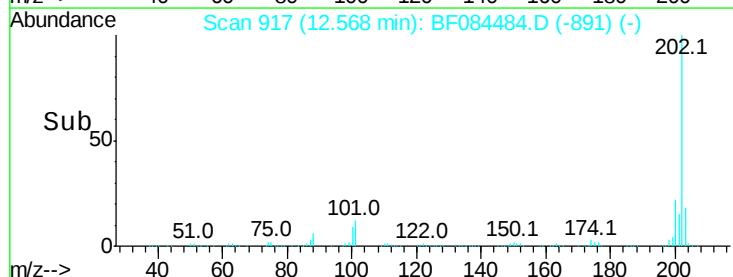
203 17.9 0.0 37.9

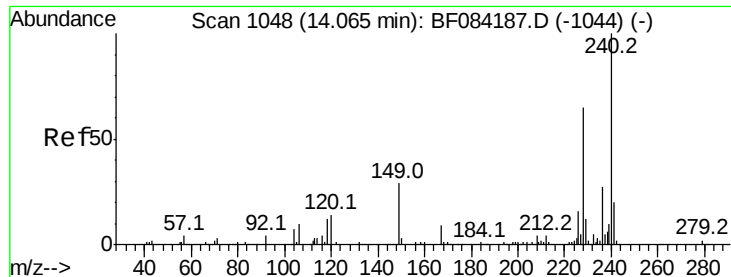


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

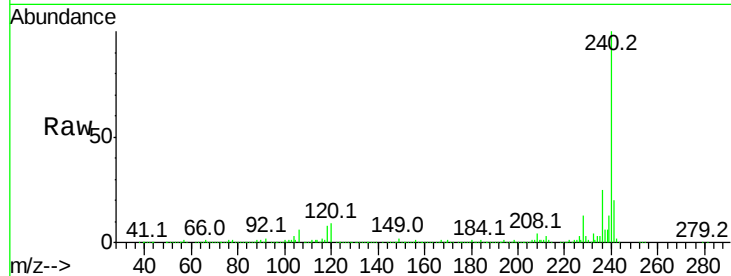
Tot Ion:240 Resp: 584000

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

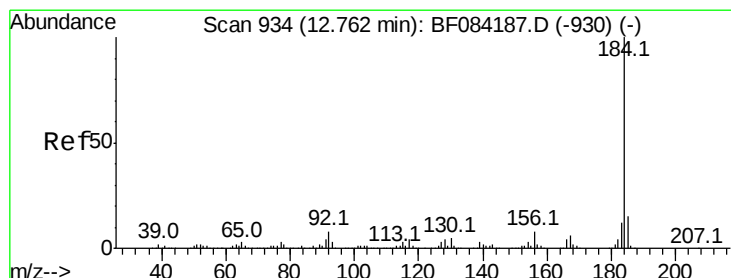
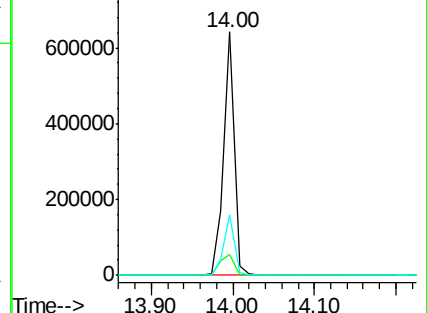
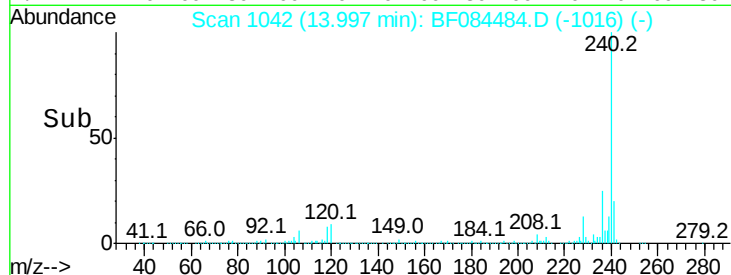
236 25.0 20.6 31.0



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: 35.12 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

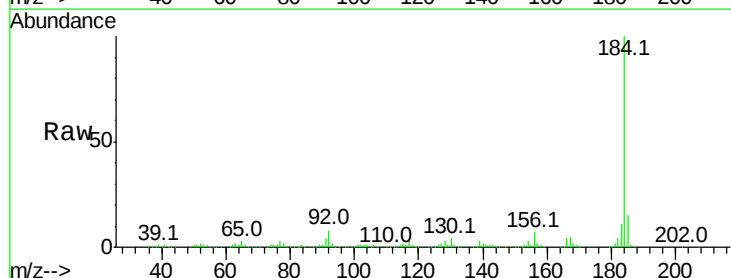
Tgt Ion:184 Resp: 735338

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

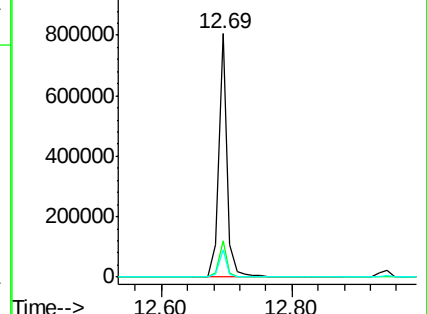
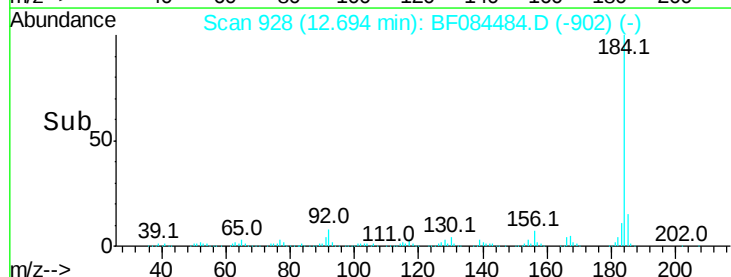
183 11.3 9.8 14.8

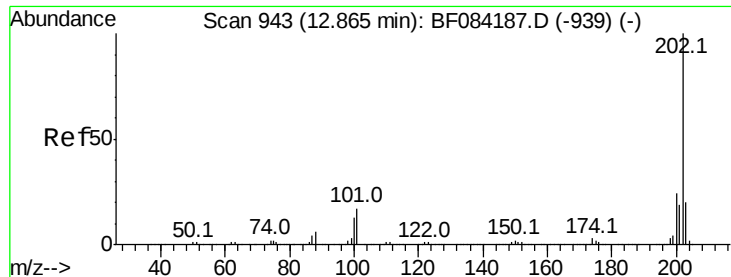


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

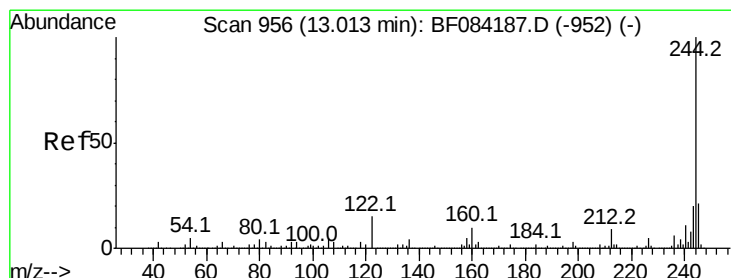
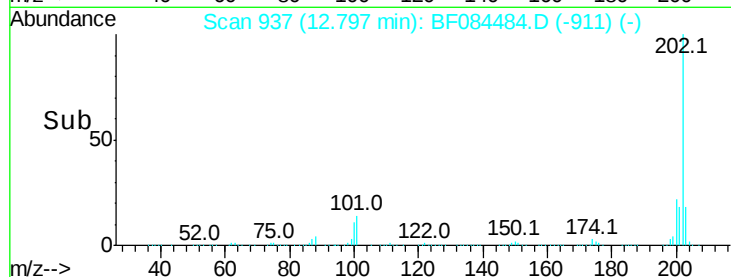
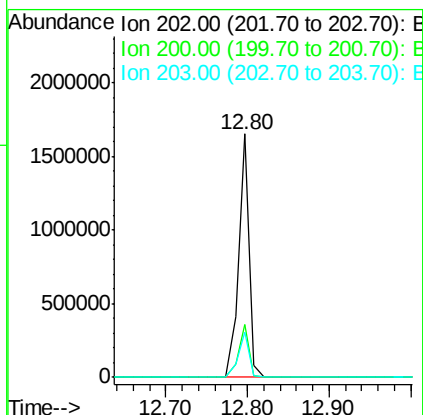
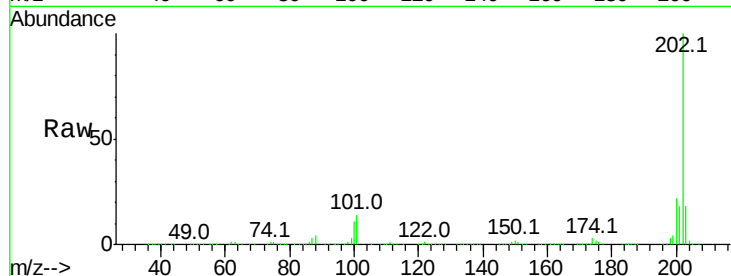




#77
Pvrene
Concen: 32.38 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

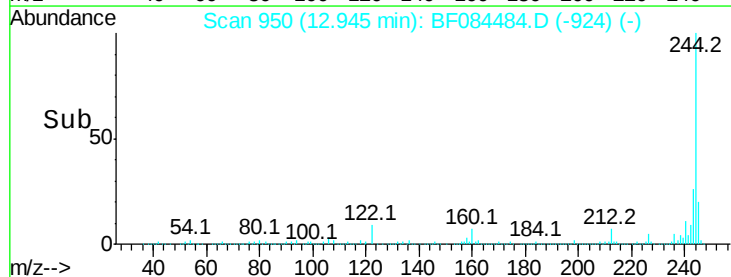
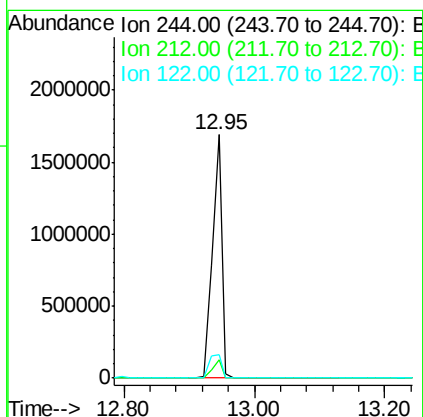
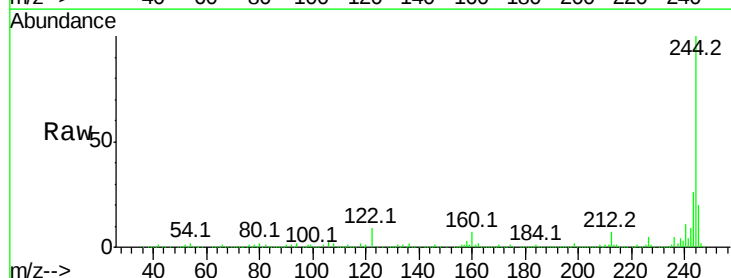
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

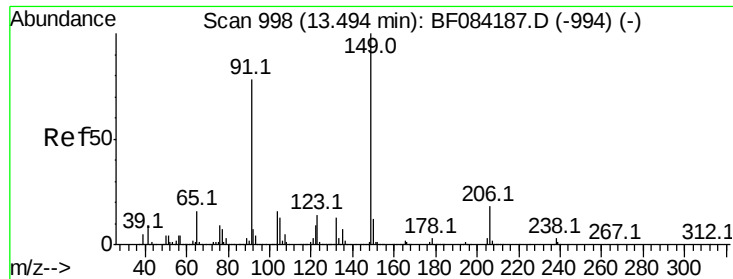
Tot Ion:202 Resp: 1484029
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 18.4 14.3 21.5



#78
Terphenyl-d14
Concen: 66.30 ng
RT: 12.95 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Tgt Ion:244 Resp: 1734558
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 9.4 7.4 11.0

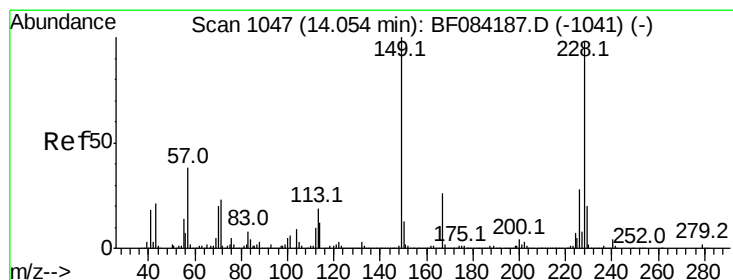
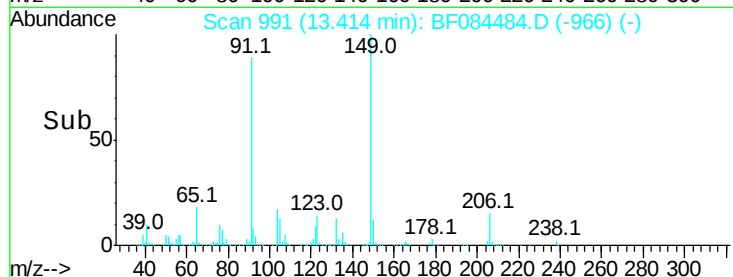
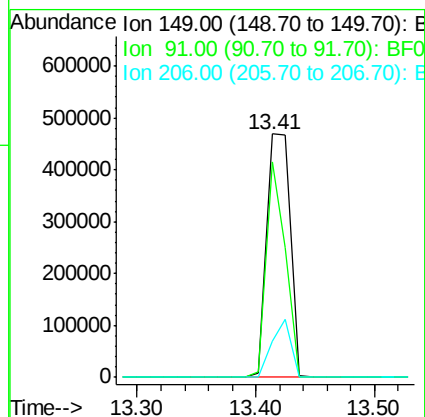
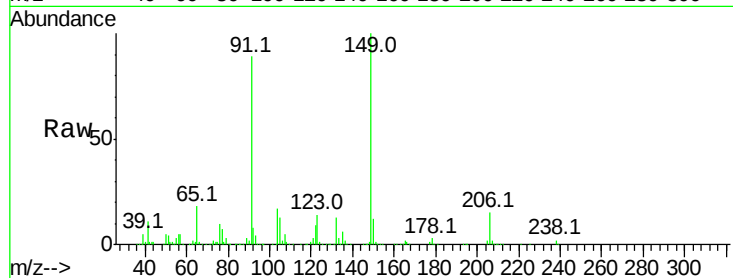




#79
Butylbenzylphthalate
Concen: 32.84 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

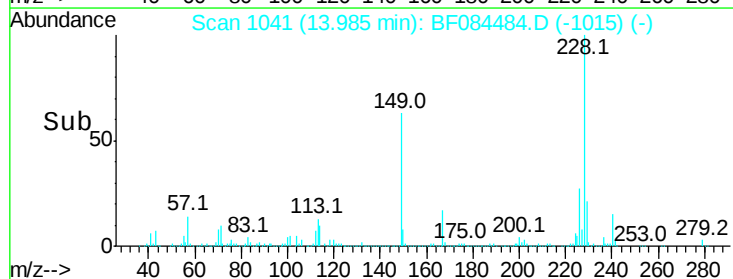
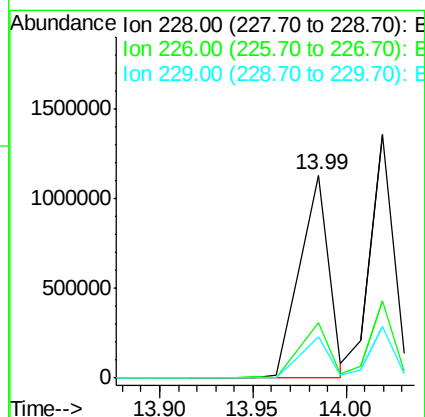
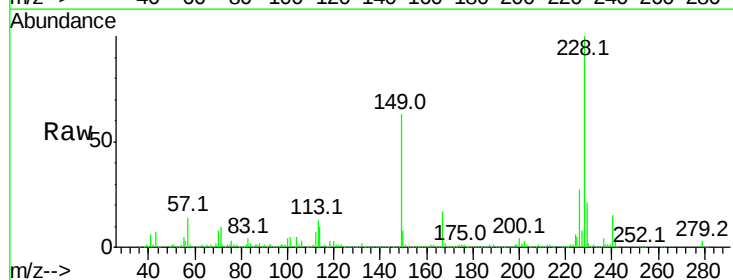
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

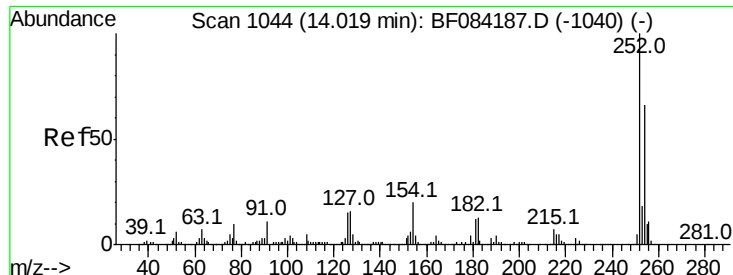
Tot Ion:149 Resp: 651181
Ion Ratio Lower Upper
149 100
91 88.7 57.6 86.4#
206 15.0 13.2 19.8



#80
Benzo(a)anthracene
Concen: 36.26 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Tgt Ion:228 Resp: 1243500
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.6 15.8 23.8

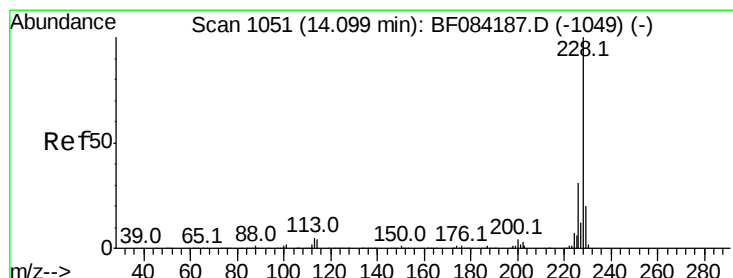
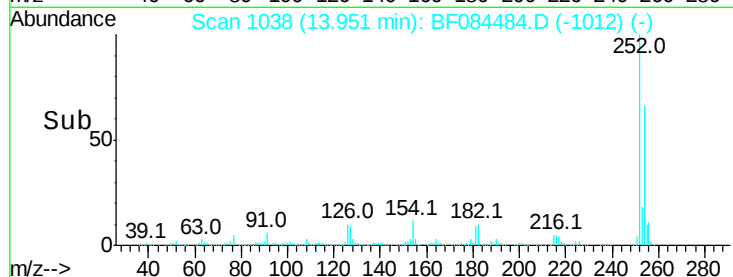
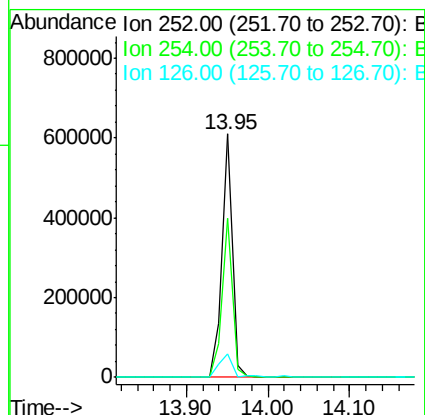
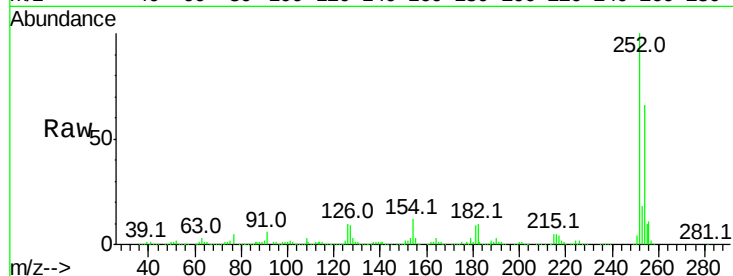




#81
 3,3'-Dichlorobenzidine
 Concen: 45.24 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF084484.D
 Acq: 14 Jan 2016 11:59

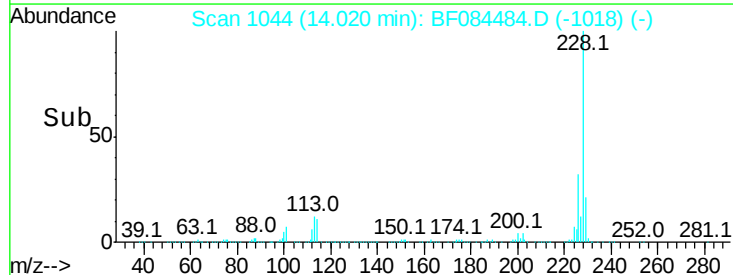
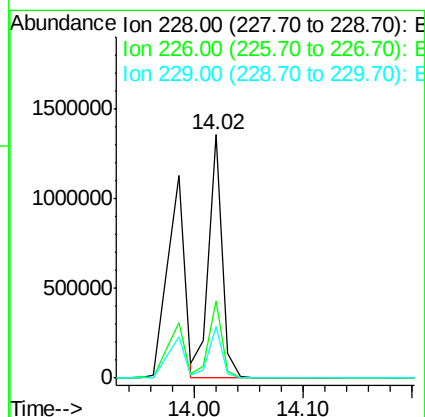
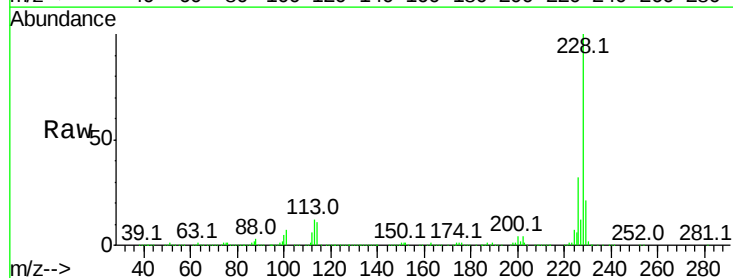
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

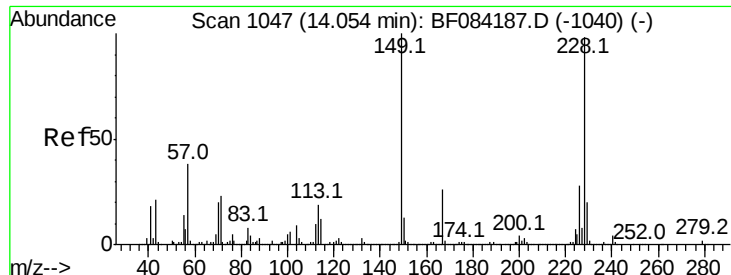
Tot Ion:252 Resp: 541437
 Ion Ratio Lower Upper
 252 100
 254 65.5 53.5 80.3
 126 9.7 4.9 7.3#



#82
 Chrysene
 Concen: 36.04 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084484.D
 Acq: 14 Jan 2016 11:59

Tgt Ion:228 Resp: 1187587
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.3 36.5
 229 21.4 16.1 24.1

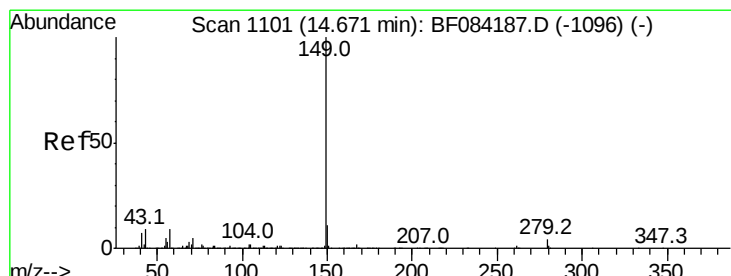
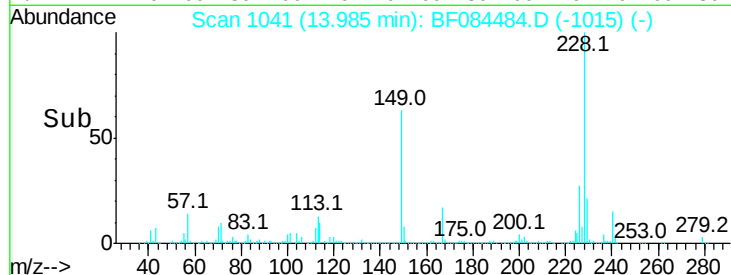
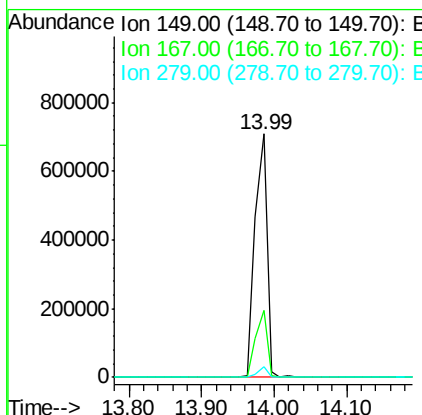
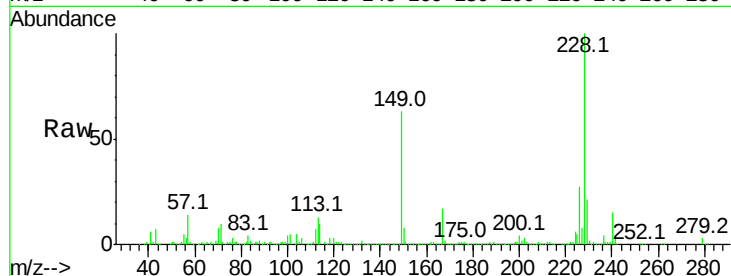




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.22 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084484.D
 Acq: 14 Jan 2016 11:59

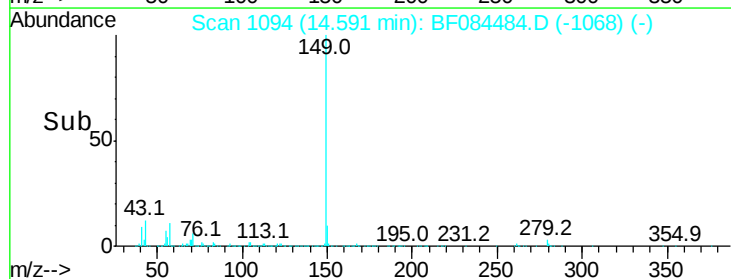
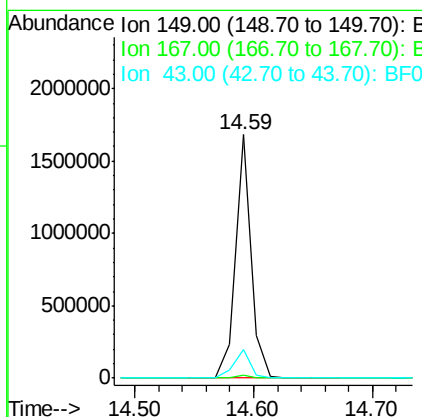
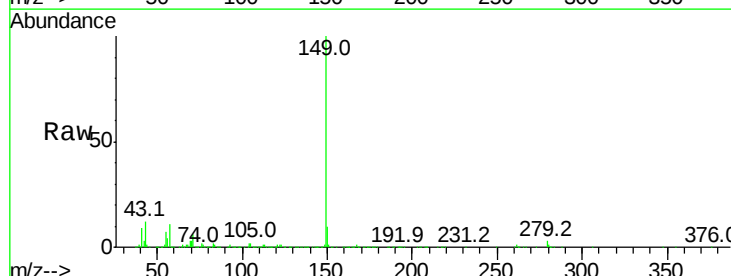
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

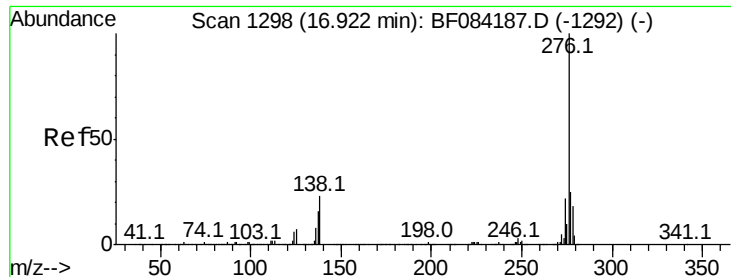
Tot Ion:149 Resp: 832229
 Ion Ratio Lower Upper
 149 100
 167 27.8 19.7 29.5
 279 4.2 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 36.17 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF084484.D
 Acq: 14 Jan 2016 11:59

Tgt Ion:149 Resp: 1529785
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.0 5.6 8.4#

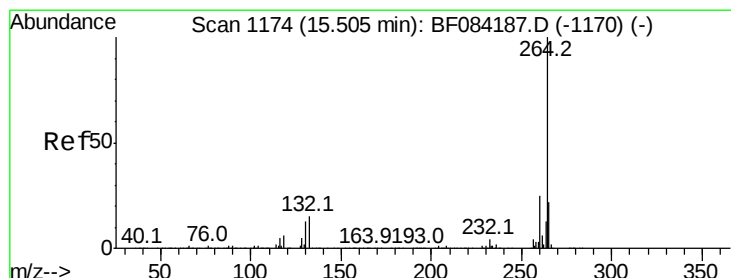
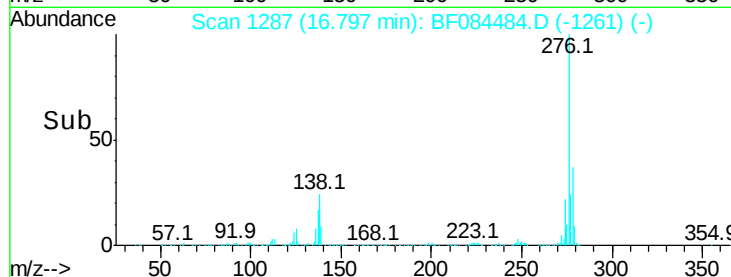
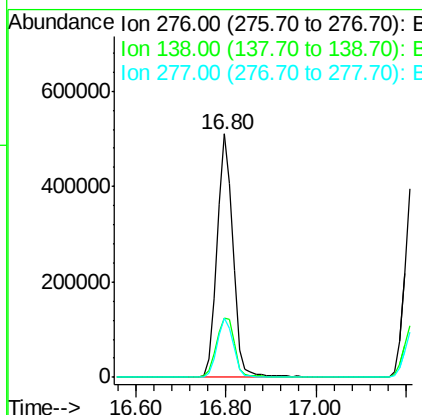
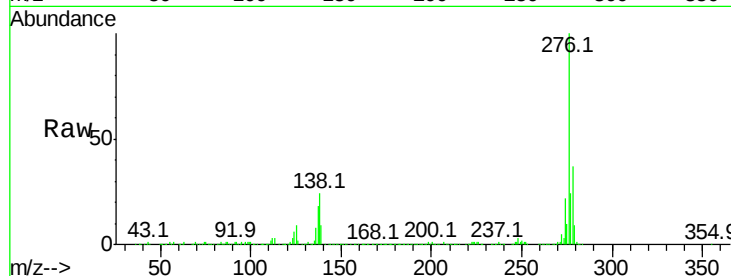




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.25 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF084484.D
 Acq: 14 Jan 2016 11:59

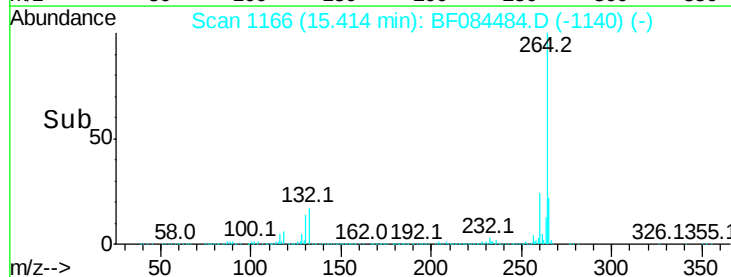
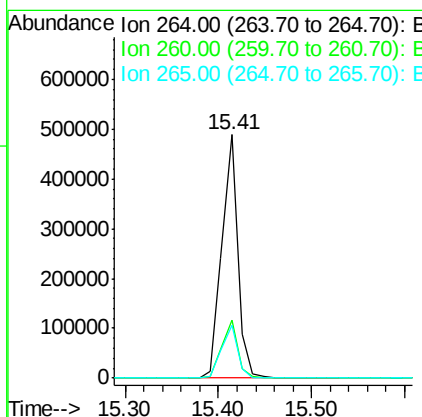
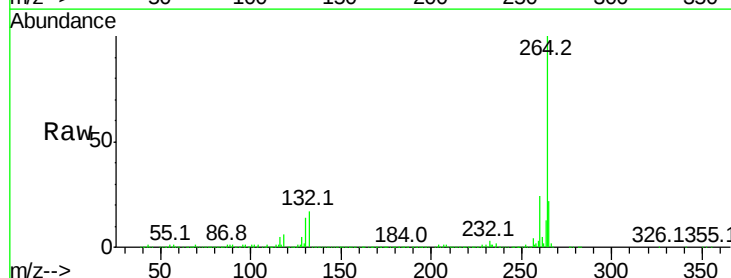
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

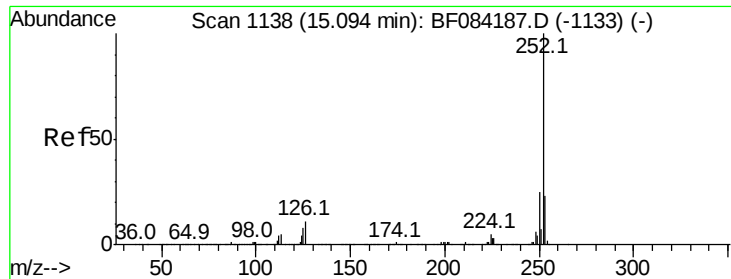
Tot Ion:276 Resp: 1260380
 Ion Ratio Lower Upper
 276 100
 138 28.3 20.6 30.8
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF084484.D
 Acq: 14 Jan 2016 11:59

Tgt Ion:264 Resp: 582931
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 22.0 17.8 26.6

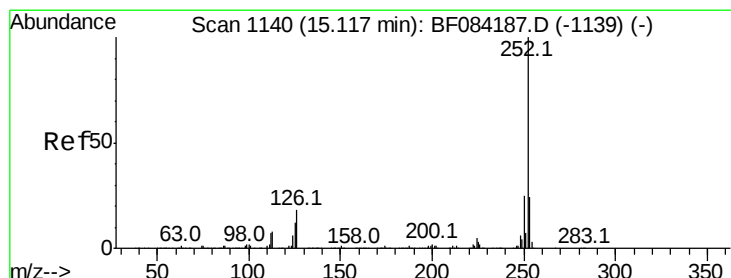
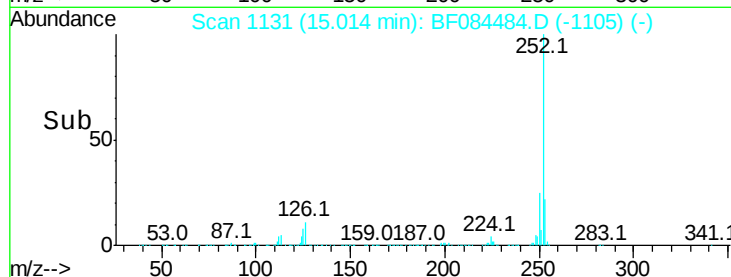
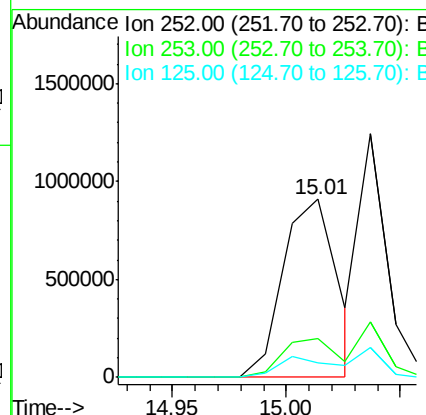
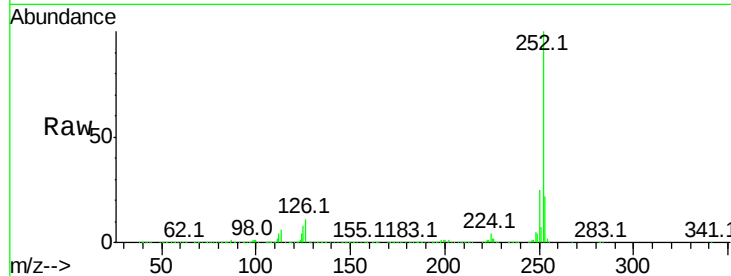




#87
Benzo(b)fluoranthene
Concen: 39.22 ng m
RT: 15.01 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

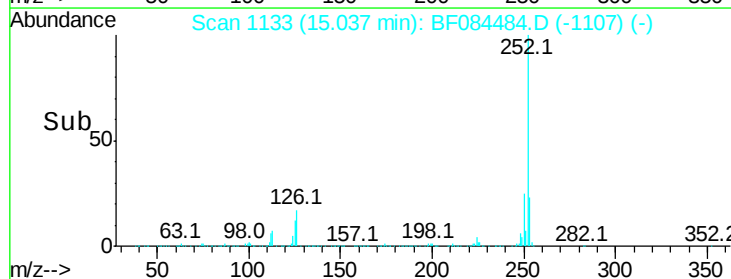
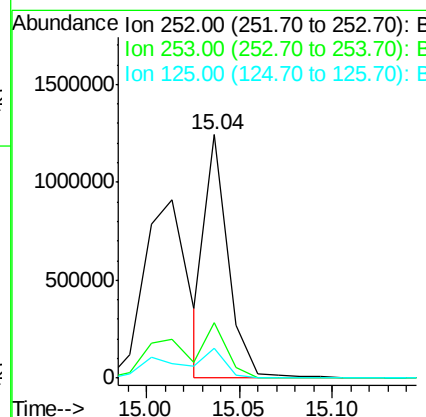
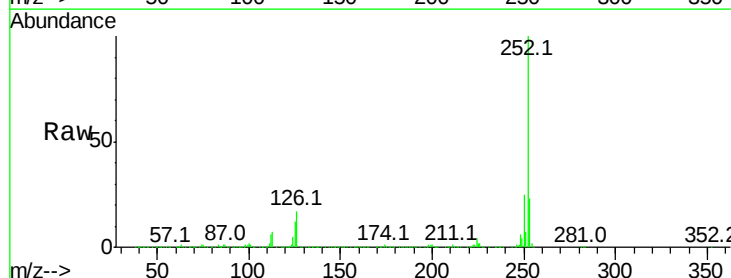
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

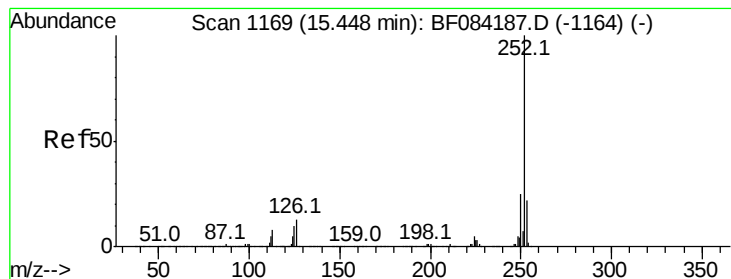
Tot Ion:252 Resp: 1495410
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 8.2 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 34.46 ng m
RT: 15.04 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF084484.D
Acq: 14 Jan 2016 11:59

Tgt Ion:252 Resp: 1074590
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 12.0 9.0 13.6





#89

Benzo(a)pyrene

Concen: 39.36 ng

RT: 15.36 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

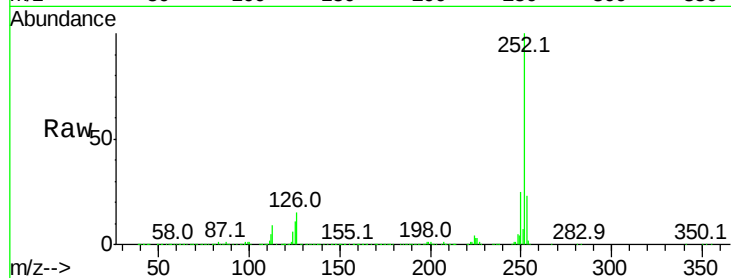
Tot Ion:252 Resp: 1273031

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

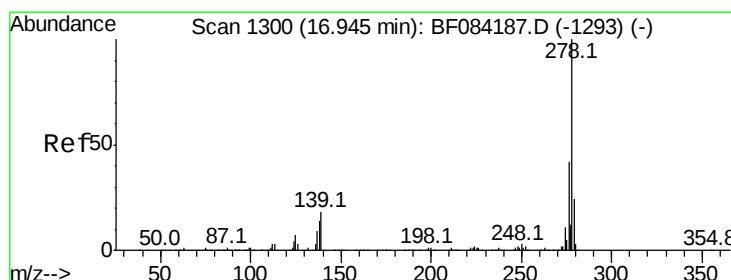
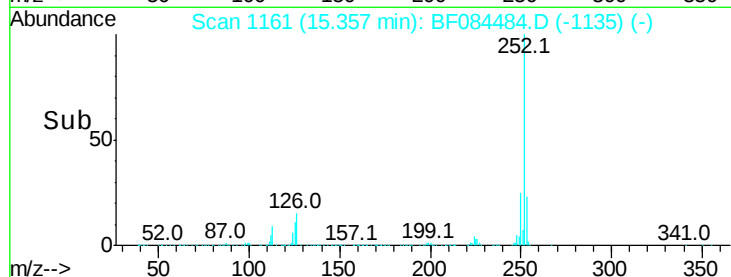
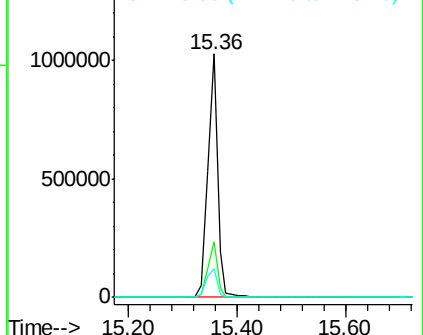
125 11.5 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.55 ng

RT: 16.82 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

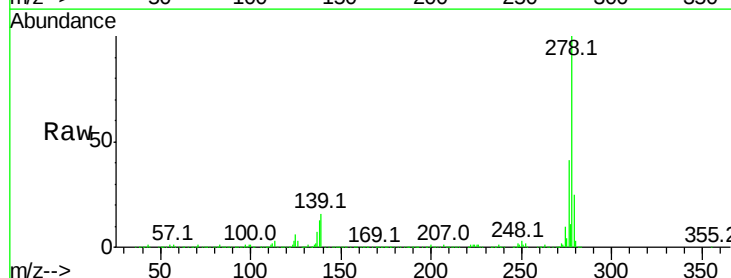
Tgt Ion:278 Resp: 1044967

Ion Ratio Lower Upper

278 100

139 15.7 15.0 22.4

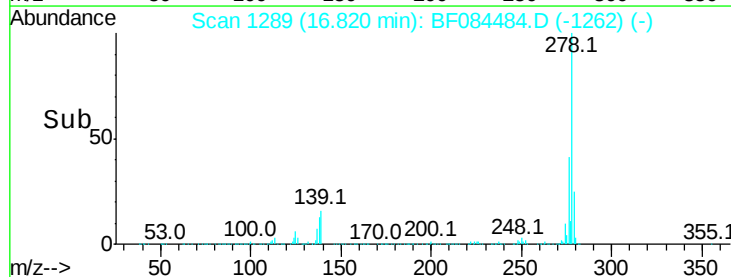
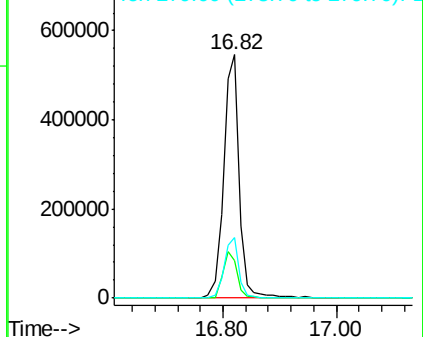
279 24.7 18.9 28.3

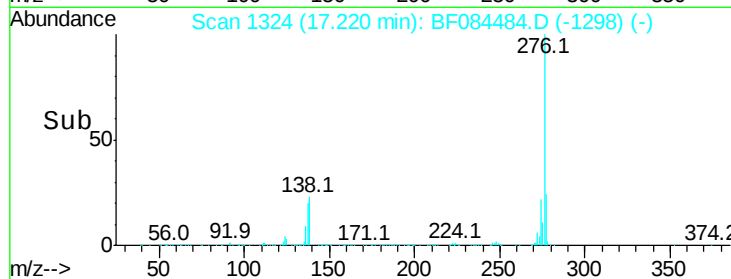
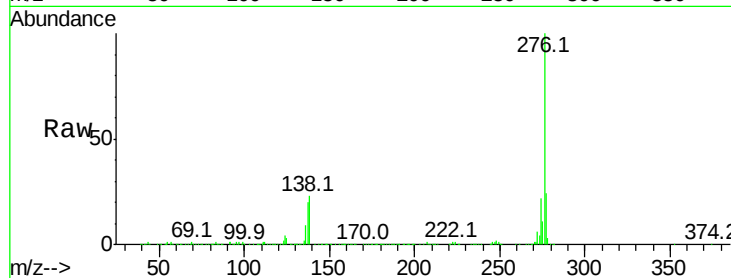
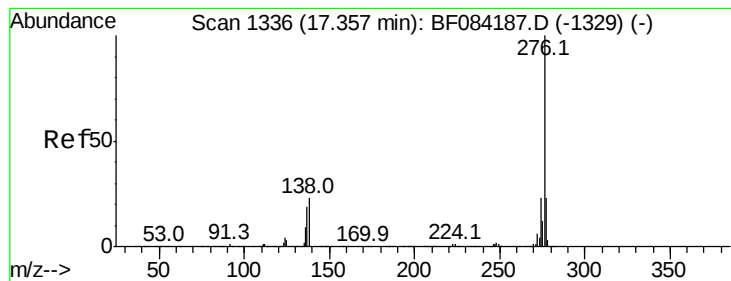


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.05 ng

RT: 17.22 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF084484.D

Acq: 14 Jan 2016 11:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 1010297

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 23.3 17.8 26.6

