

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084190.D
 Acq On : 31 Dec 2015 12:06
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Dec 31 12:30:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 11:53:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	327988	20.00	ng	0.01
21) Naphthalene-d8	8.19	136	1270771	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	610015	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	1103134	20.00	ng	0.01
75) Chrysene-d12	14.07	240	578793	20.00	ng	0.00
86) Perylene-d12	15.51	264	567593	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	2822701	67.79	ng	0.01
7) Phenol-d6	6.54	99	3474196	65.94	ng	0.01
23) Nitrobenzene-d5	7.48	82	3416265	74.25	ng	0.01
41) 2,4,6-Tribromophenol	10.74	330	759440	58.25	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	4279846	51.53	ng	0.01
78) Terphenyl-d14	13.03	244	4289435	82.95	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	737663	76.17	ng	# 74
3) Pyridine	3.26	79	2129411	79.72	ng	# 67
4) n-Nitrosodimethylamine	3.24	42	1073195	78.24	ng	# 77
6) Aniline	6.58	93	2645749	68.69	ng	# 82
8) 2-Chlorophenol	6.69	128	1535631	64.46	ng	88
9) Benzaldehyde	6.45	77	996976	54.60	ng	98
10) Phenol	6.56	94	1898856	63.40	ng	88
11) bis(2-Chloroethyl)ether	6.65	93	1467867	63.46	ng	# 81
12) 1,3-Dichlorobenzene	6.85	146	1680915	67.95	ng	97
13) 1,4-Dichlorobenzene	6.92	146	1563934	62.23	ng	99
14) 1,2-Dichlorobenzene	7.08	146	1538215	64.77	ng	96
15) Benzyl Alcohol	7.06	79	1544200	69.34	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.20	45	2954220	69.92	ng	88
17) 2-Methylphenol	7.16	107	1432761	72.18	ng	96
18) Hexachloroethane	7.42	117	715365	74.24	ng	94
19) n-Nitroso-di-n-propylamine	7.34	70	1273490	71.86	ng	# 75
20) 3+4-Methylphenols	7.32	107	1394215	58.37	ng	# 84
22) Acetophenone	7.32	105	2293078	72.22	ng	# 81
24) Nitrobenzene	7.49	77	1735524	72.60	ng	93
25) Isophorone	7.74	82	3423522	77.57	ng	98
26) 2-Nitrophenol	7.81	139	956625	94.38	ng	93
27) 2,4-Dimethylphenol	7.85	122	1553809	70.26	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	1975828	73.14	ng	96
29) 2,4-Dichlorophenol	8.05	162	1315436	73.34	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	1307533	68.95	ng	97
31) Naphthalene	8.21	128	4035394	66.44	ng	95
32) Benzoic acid	8.01	122	1214324	123.69	ng	93
33) 4-Chloroaniline	8.27	127	2103561	78.37	ng	93
34) Hexachlorobutadiene	8.34	225	827771	78.25	ng	97
35) Caprolactam	8.67	113	438234	73.16	ng	# 43
36) 4-Chloro-3-methylphenol	8.75	107	1416183	70.46	ng	93
37) 2-Methylnaphthalene	9.01	142	2653147	62.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	1138509	61.15	ng	98
40) Hexachlorocyclopentadiene	9.06	237	829758	77.78	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	924789	67.95	nq	95
43) 2,4,5-Trichlorophenol	9.23	196	935642	72.72	nq	96
45) 1,1'-Biphenyl	9.38	154	3521537	66.58	nq	94
46) 2-Chloronaphthalene	9.40	162	2686412	68.06	nq	93
47) 2-Nitroaniline	9.49	65	998556	81.74	nq	97
48) Acenaphthylene	9.81	152	3443636	53.98	nq	# 91
49) Dimethylphthalate	9.69	163	3219849	70.86	nq	# 90
50) 2,6-Dinitrotoluene	9.74	165	771760	78.96	nq	98
51) Acenaphthene	9.98	154	2472658	58.88	nq	98
52) 3-Nitroaniline	9.90	138	852198	69.74	nq	96
53) 2,4-Dinitrophenol	10.01	184	381958	133.41	nq	# 83
54) Dibenzofuran	10.16	168	2977145	52.07	nq	# 85
55) 4-Nitrophenol	10.06	139	729555	84.59	nq	# 85
56) 2,4-Dinitrotoluene	10.14	165	1026743	84.44	nq	# 92
57) Fluorene	10.50	166	2376151	54.07	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	699866	62.63	nq	# 98
59) Diethylphthalate	10.38	149	3102160	65.17	nq	94
60) 4-Chlorophenyl-phenylether	10.49	204	1165808	59.73	nq	# 88
61) 4-Nitroaniline	10.53	138	868483	83.06	nq	86
62) Azobenzene	10.65	77	3182691	64.12	nq	85
64) 4,6-Dinitro-2-methylphenol	10.54	198	466467	89.57	nq	# 56
65) n-Nitrosodiphenylamine	10.61	169	2214926	59.87	nq	98
66) 4-Bromophenyl-phenylether	10.98	248	778057	62.18	nq	# 75
67) Hexachlorobenzene	11.05	284	951105	68.97	nq	97
68) Atrazine	11.14	200	686181	55.59	nq	98
69) Pentachlorophenol	11.23	266	528032	84.17	nq	98
70) Phenanthrene	11.52	178	4125783	62.70	nq	94
71) Anthracene	11.52	178	4125783	66.63	nq	94
72) Carbazole	11.66	167	3354227	57.03	nq	94
73) Di-n-butylphthalate	12.00	149	3963020	57.82	nq	# 92
74) Fluoranthene	12.65	202	3971223	62.66	nq	93
76) Benzidine	12.76	184	1413150	65.01	nq	98
77) Pyrene	12.88	202	3943455	88.75	nq	93
79) Butylbenzylphthalate	13.49	149	1623467	83.52	nq	87
80) Benzo(a)anthracene	14.05	228	2653155	76.73	nq	96
81) 3,3'-Dichlorobenzidine	14.02	252	1007829	85.77	nq	# 95
82) Chrysene	14.10	228	2707239	83.98	nq	96
83) Bis(2-ethylhexyl)phthalate	14.05	149	1938234	76.77	nq	98
84) Di-n-octyl phthalate	14.67	149	3332770	79.11	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.93	276	2868263	114.14	nq	100
87) Benzo(b)fluoranthene	15.09	252	2493699	64.25	nq	# 96
88) Benzo(k)fluoranthene	15.09	252	2493699	81.16	nq	99
89) Benzo(a)pyrene	15.45	252	2310537	71.80	nq	# 95
90) Dibenzo(a,h)anthracene	16.96	278	2296167	86.40	nq	99
91) Benzo(g,h,i)perylene	17.38	276	2460919	90.91	nq	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.01 min

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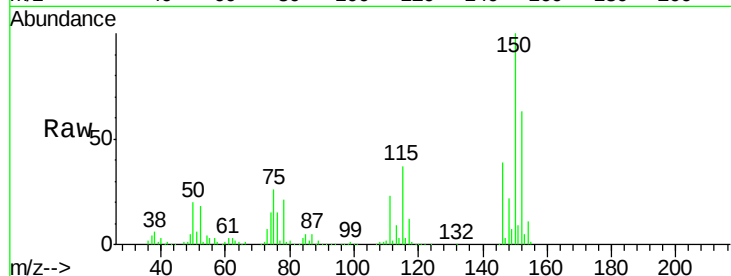
Tot Ion:152 Resp: 327988

Ion Ratio Lower Upper

152 100

150 158.2 123.0 184.4

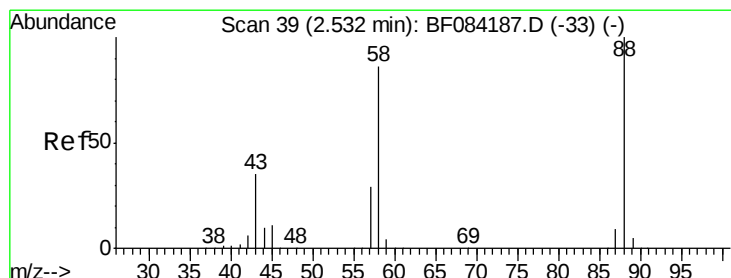
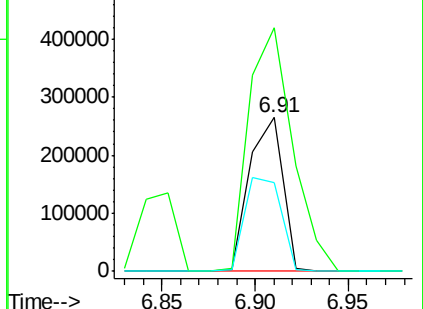
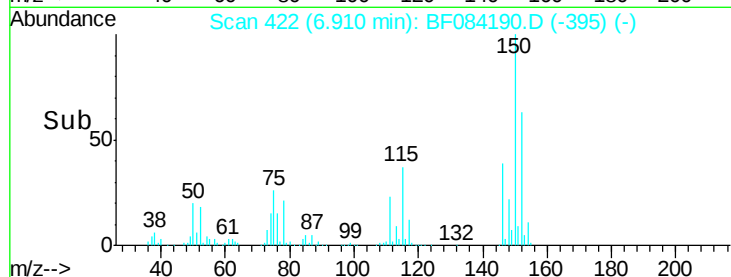
115 58.1 51.4 77.2



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: 76.17 ng

RT: 2.52 min Scan# 38

Delta R.T. -0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

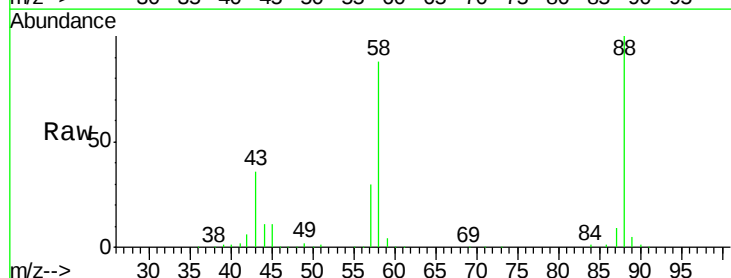
Tgt Ion: 88 Resp: 737663

Ion Ratio Lower Upper

88 100

58 85.8 51.2 76.8#

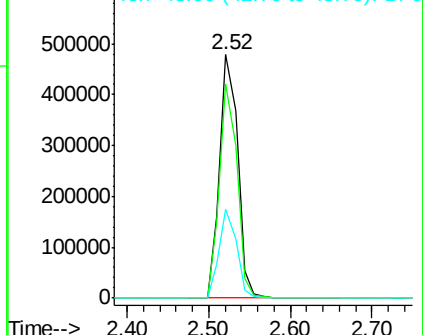
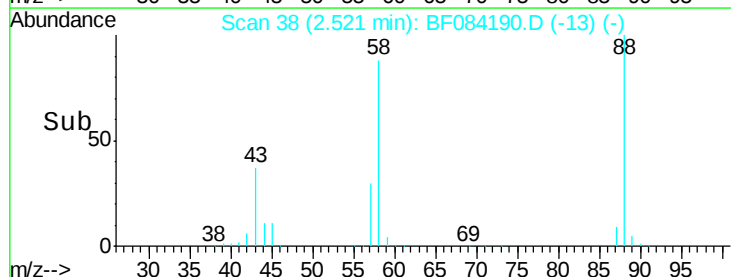
43 35.4 19.5 29.3#

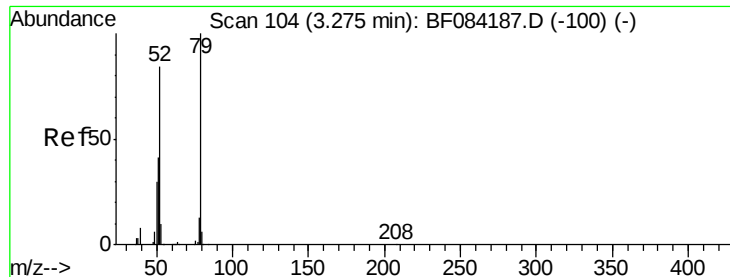


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 79.72 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

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ClientSampleId :

SSTDICC080

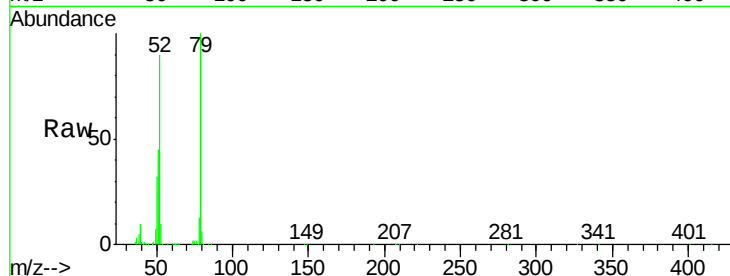
Tot Ion: 79 Resp: 2129411

Ion Ratio Lower Upper

79 100

52 89.8 49.0 73.4#

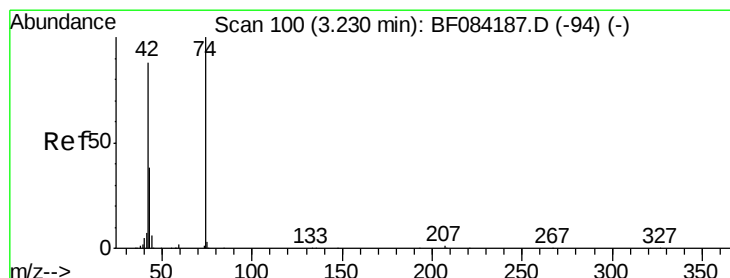
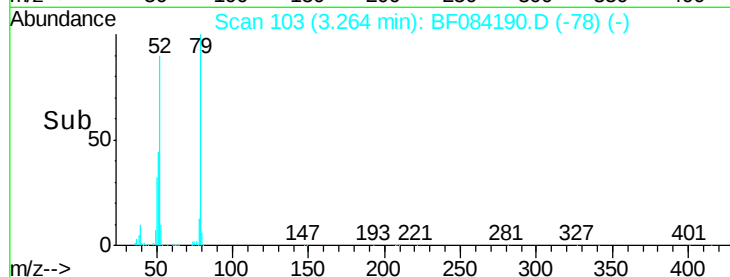
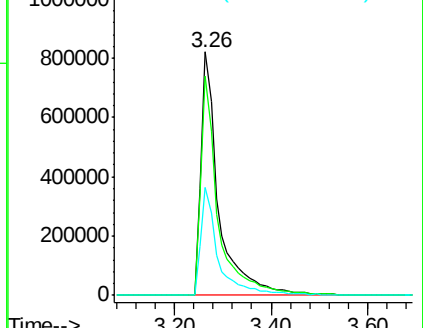
51 44.5 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 78.24 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

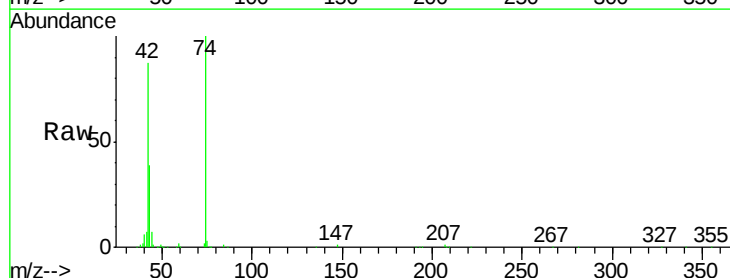
Tgt Ion: 42 Resp: 1073195

Ion Ratio Lower Upper

42 100

74 114.7 115.7 173.5#

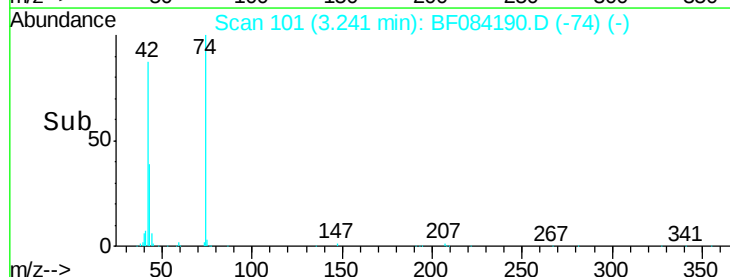
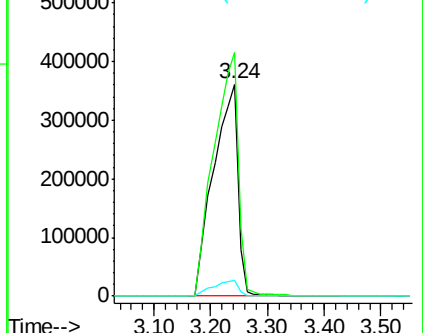
44 7.6 5.1 7.7

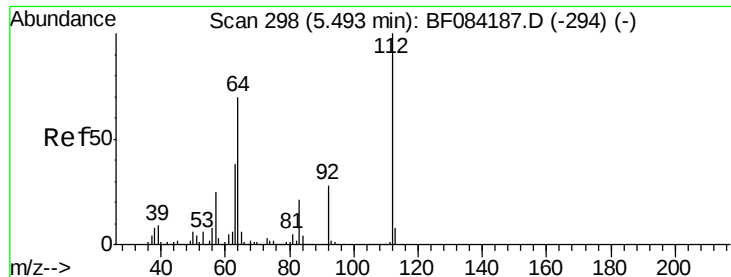


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 67.79 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084190.D

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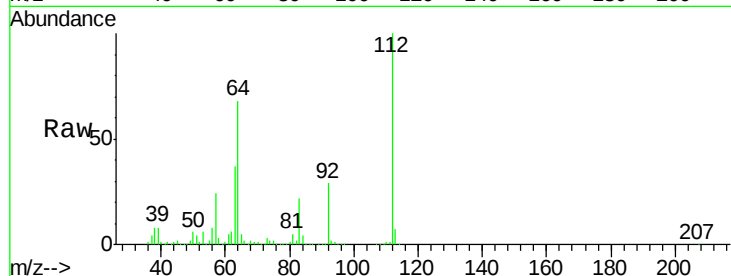
Tot Ion:112 Resp: 2822701

Ion Ratio Lower Upper

112 100

64 67.6 36.6 55.0#

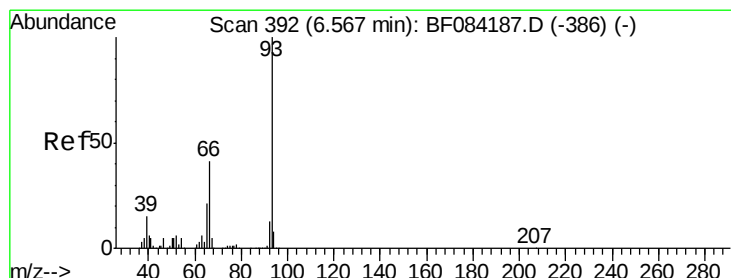
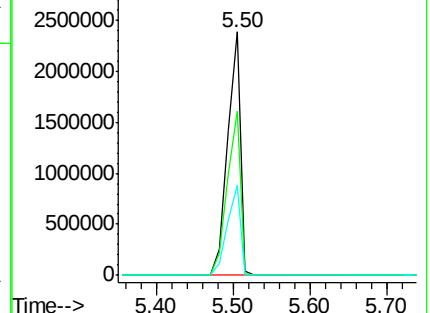
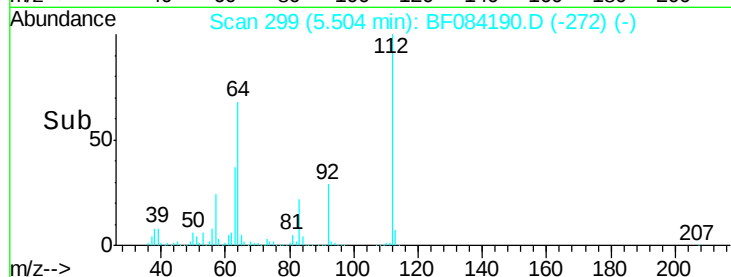
63 37.1 19.4 29.0#



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: 68.69 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

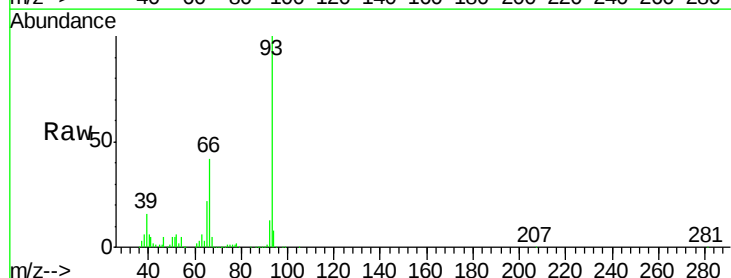
Tgt Ion: 93 Resp: 2645749

Ion Ratio Lower Upper

93 100

66 41.7 44.9 67.3#

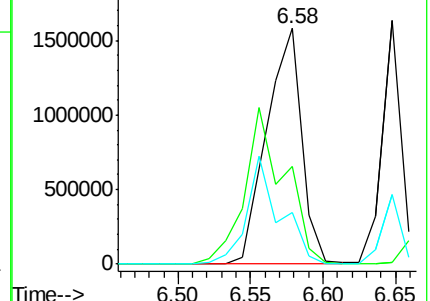
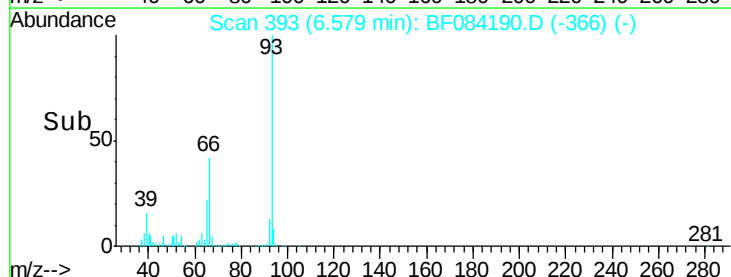
65 22.0 23.7 35.5#

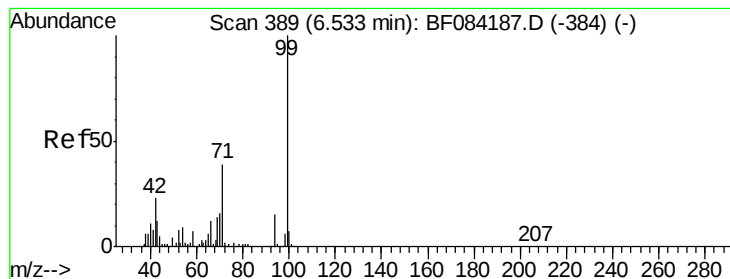


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 65.94 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

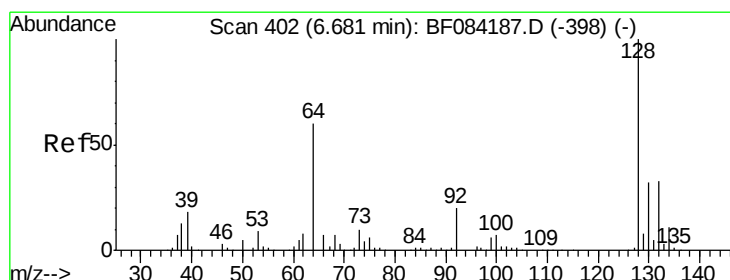
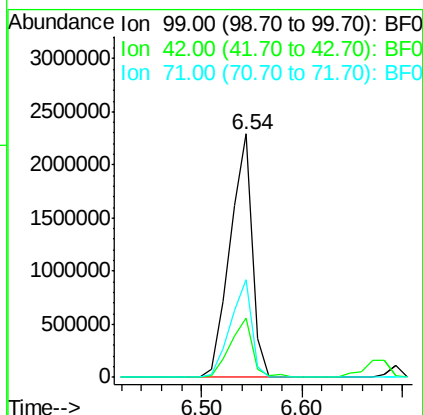
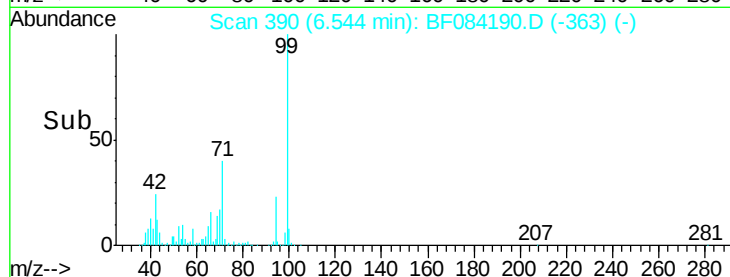
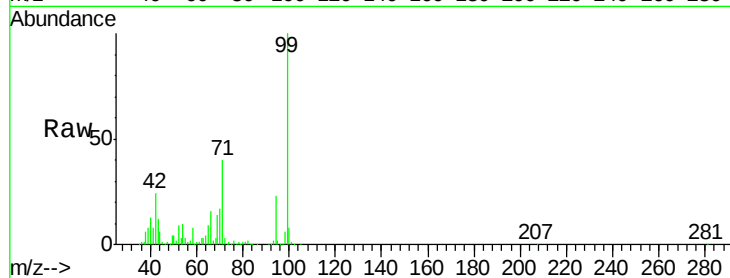
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Tot Ion: 99 Resp: 3474196

Ion	Ratio	Lower	Upper
99	100		
42	24.2	12.8	19.2#
71	40.1	30.9	46.3



#8

2-Chlorophenol

Concen: 64.46 ng

RT: 6.69 min Scan# 403

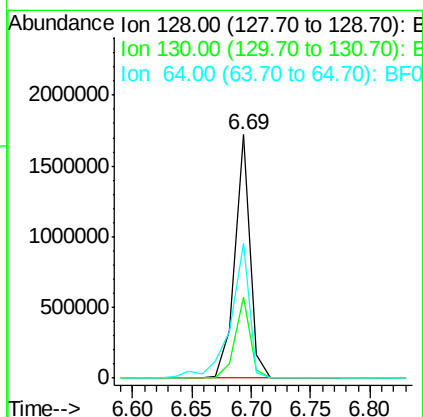
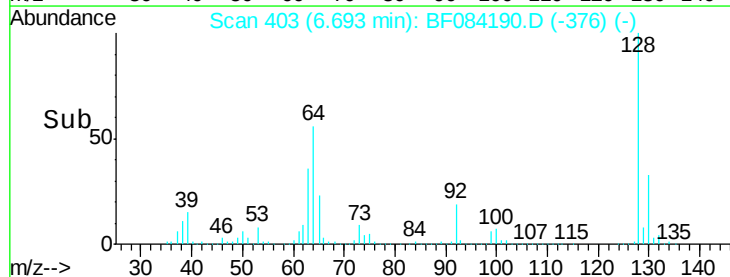
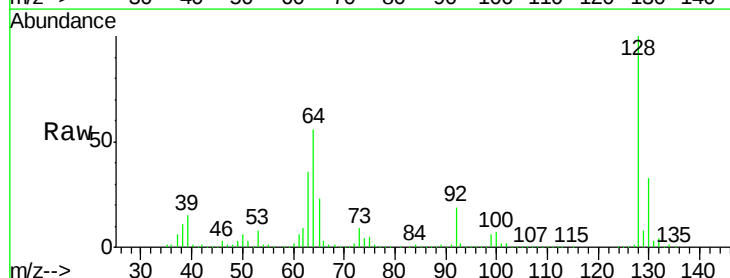
Delta R.T. 0.01 min

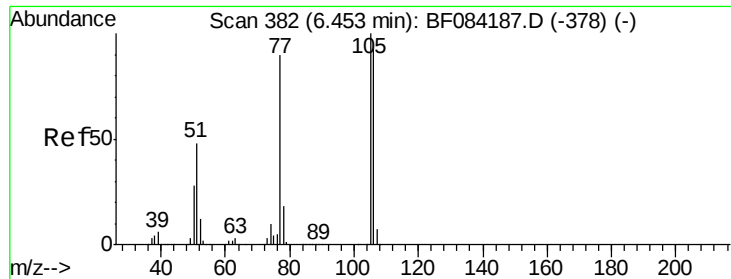
Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Tgt Ion: 128 Resp: 1535631

Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.6	51.6
64	55.5	23.8	63.8





#9

Benzaldehyde

Concen: 54.60 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

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SSTDICC080

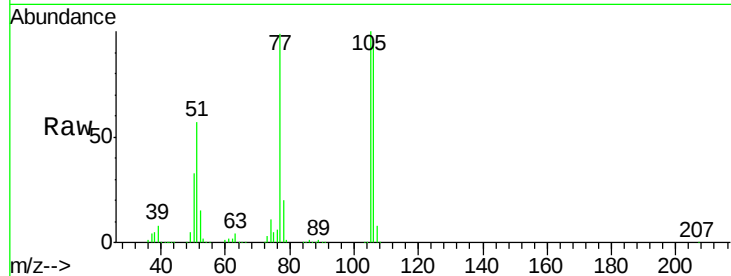
Tot Ion: 77 Resp: 996976

Ion Ratio Lower Upper

77 100

105 100.5 83.0 123.0

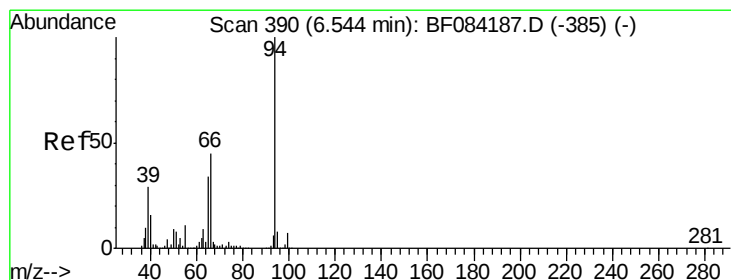
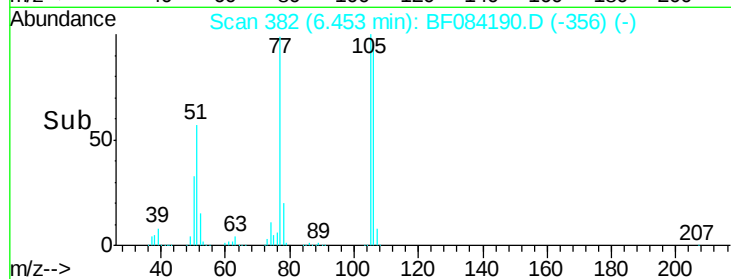
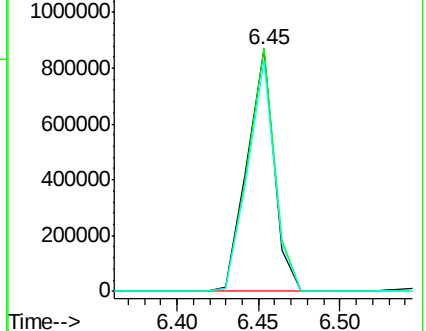
106 95.4 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 63.40 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

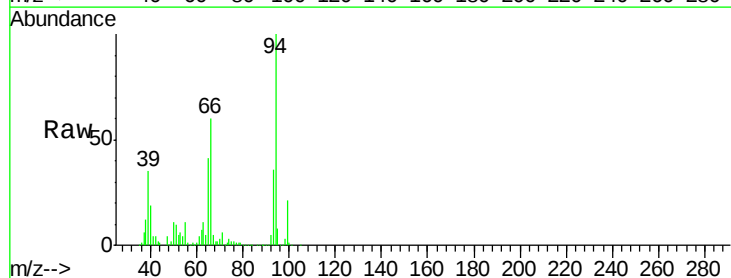
Tgt Ion: 94 Resp: 1898856

Ion Ratio Lower Upper

94 100

65 41.4 12.9 52.9

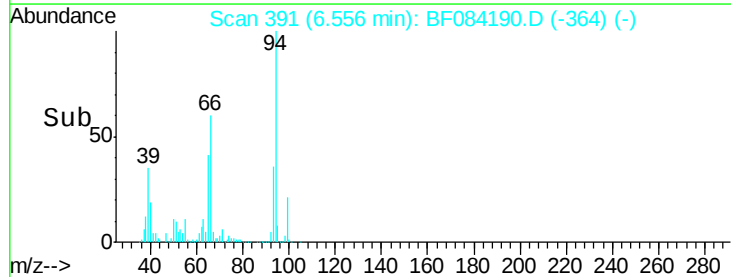
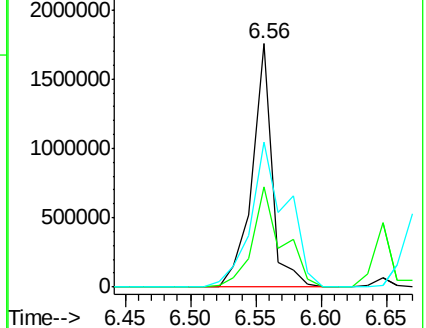
66 59.8 32.7 72.7

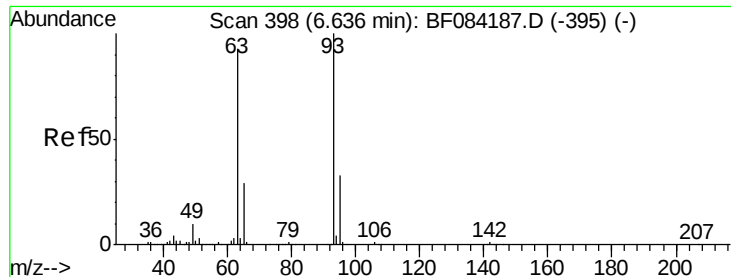


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 63.46 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

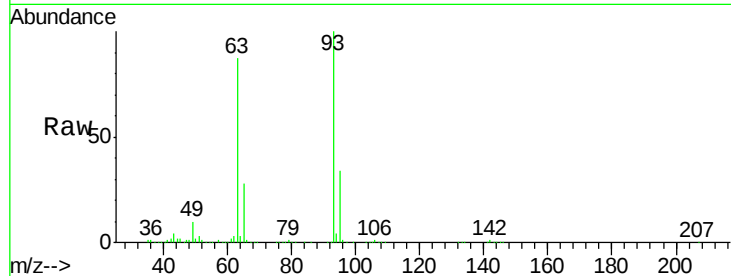
Tot Ion: 93 Resp: 1467867

Ion Ratio Lower Upper

93 100

63 87.0 45.9 85.9#

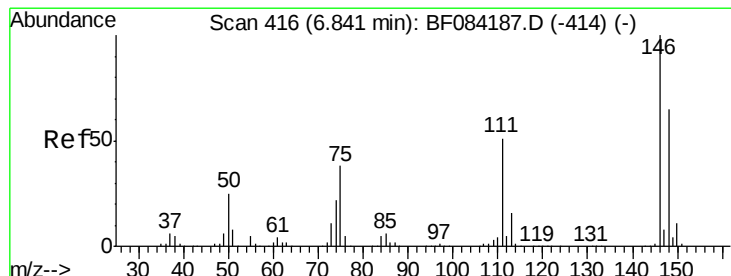
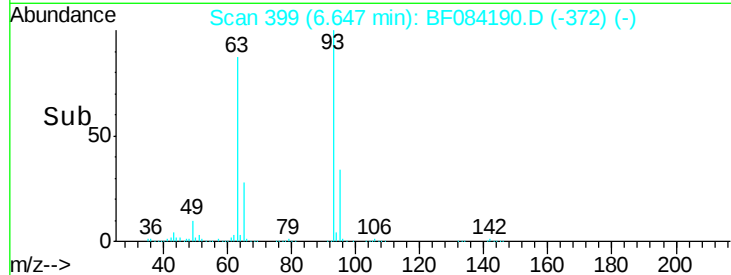
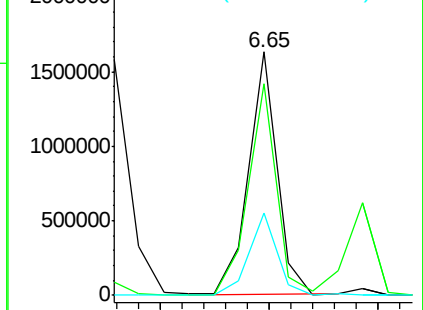
95 34.1 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 67.95 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

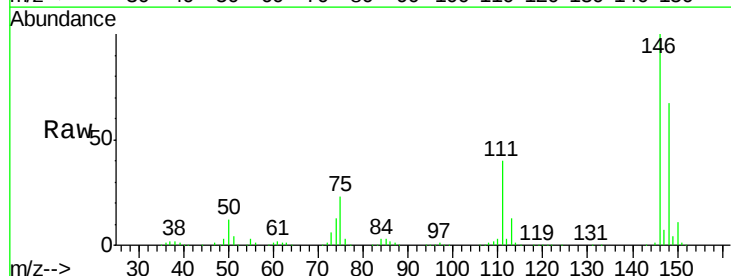
Tgt Ion: 146 Resp: 1680915

Ion Ratio Lower Upper

146 100

148 66.6 51.9 77.9

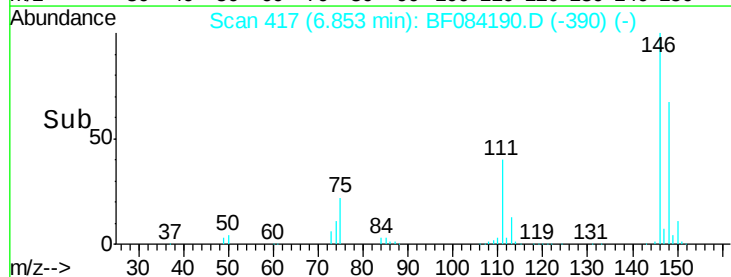
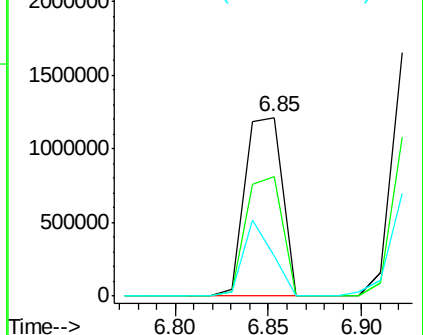
75 22.7 20.5 30.7

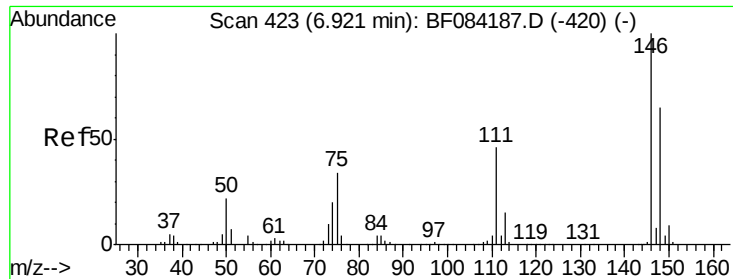


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

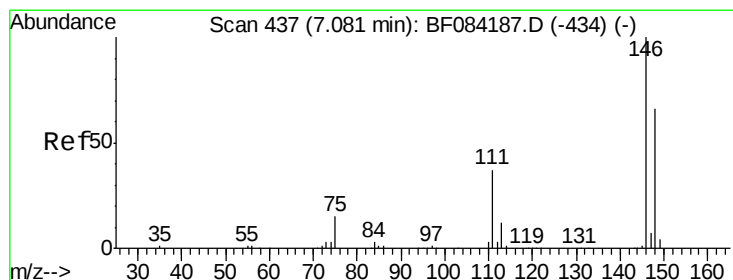
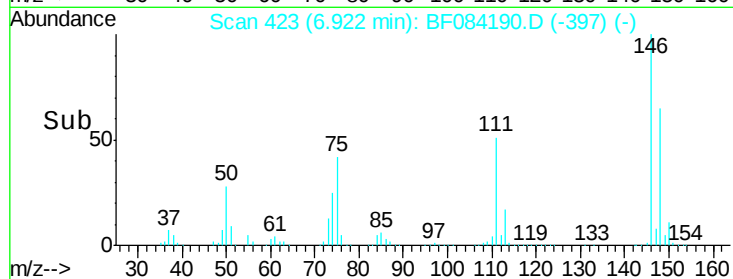
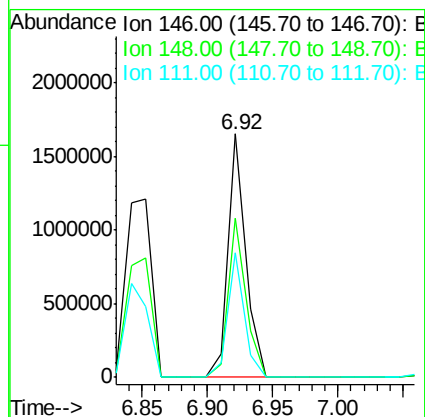
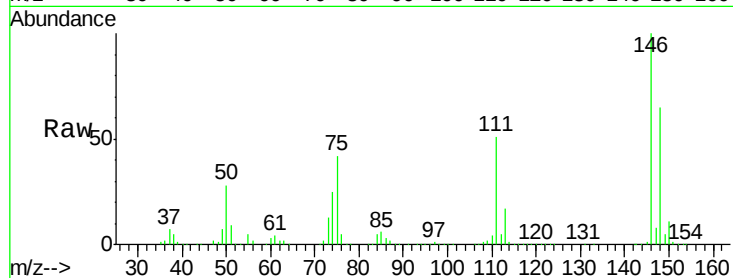




#13
 1,4-Dichlorobenzene
 Concen: 62.23 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

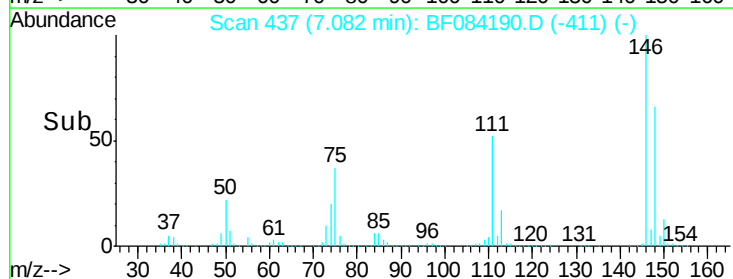
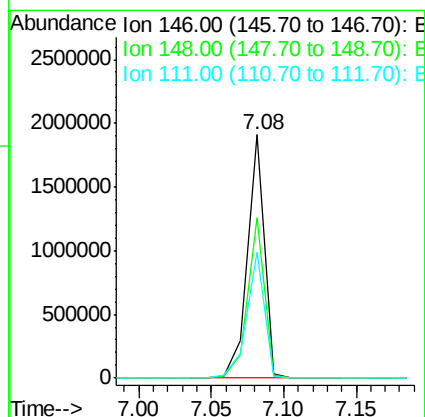
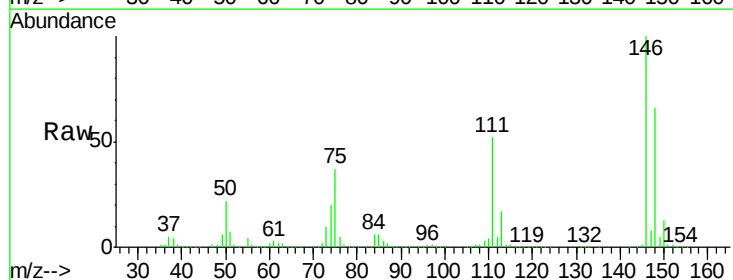
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

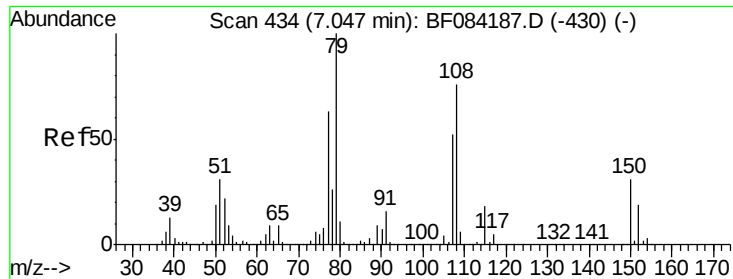
Tot Ion:146 Resp: 1563934
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.9 77.9
 111 51.1 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 64.77 ng
 RT: 7.08 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

Tgt Ion:146 Resp: 1538215
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.6 77.4
 111 51.7 38.0 57.0





#15

Benzyl Alcohol

Concen: 69.34 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

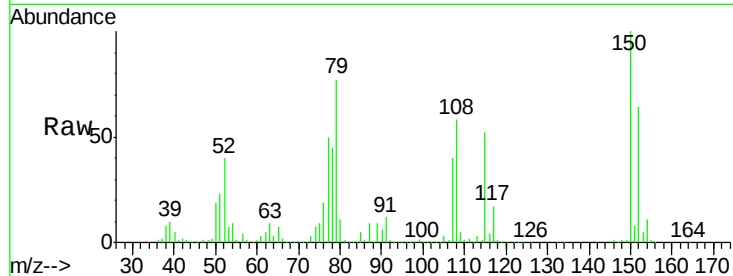
Tot Ion: 79 Resp: 1544200

Ion Ratio Lower Upper

79 100

108 76.0 69.0 103.4

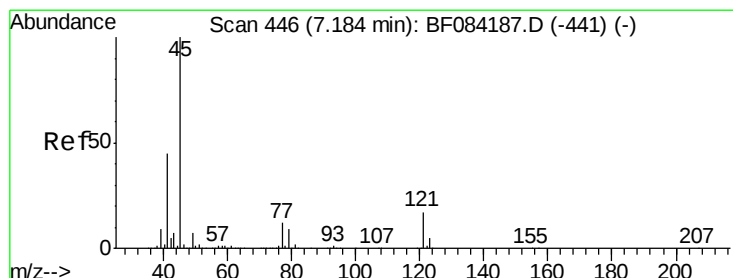
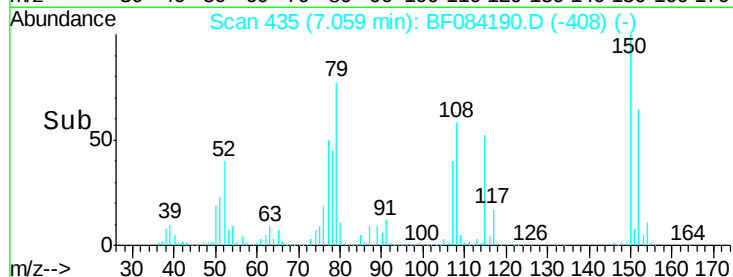
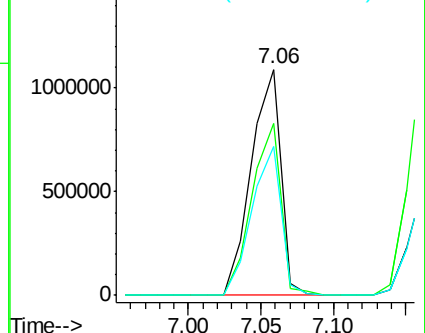
77 65.8 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 69.92 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

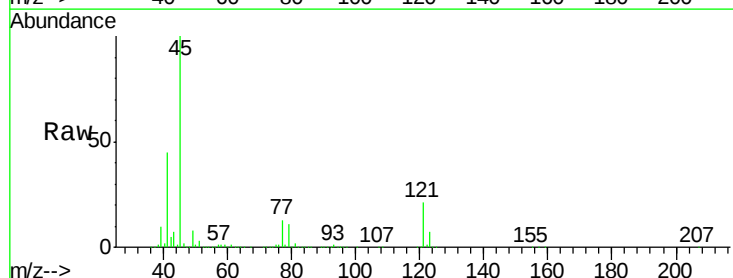
Tgt Ion: 45 Resp: 2954220

Ion Ratio Lower Upper

45 100

77 13.2 0.0 39.6

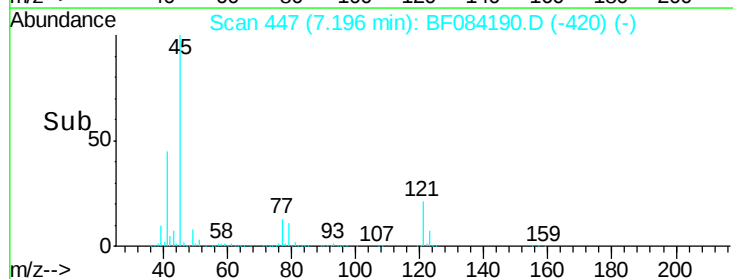
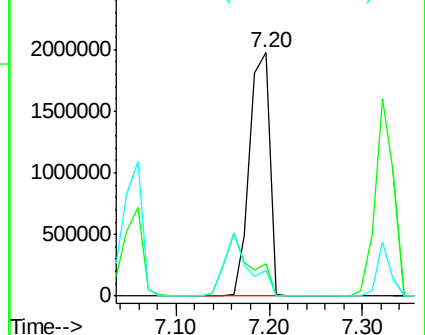
79 10.6 0.0 35.0

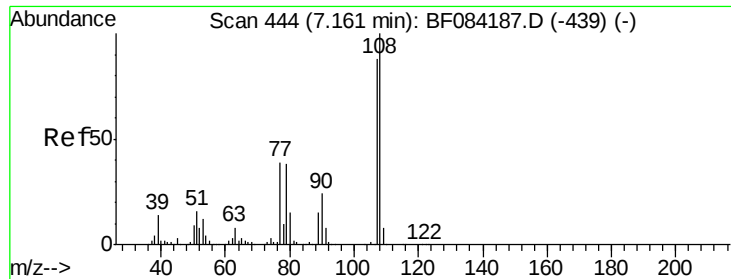


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 72.18 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:107 Resp: 1432761

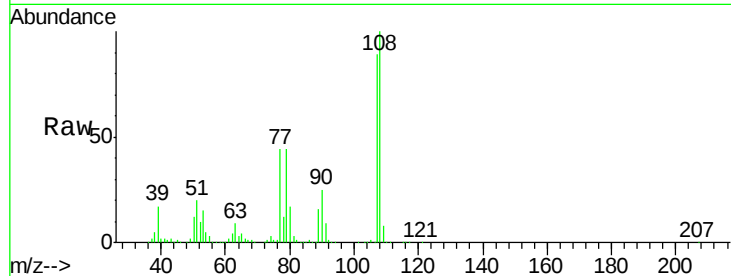
Ion Ratio Lower Upper

107 100

108 112.9 89.8 134.6

77 49.7 35.7 53.5

79 49.3 35.7 53.5

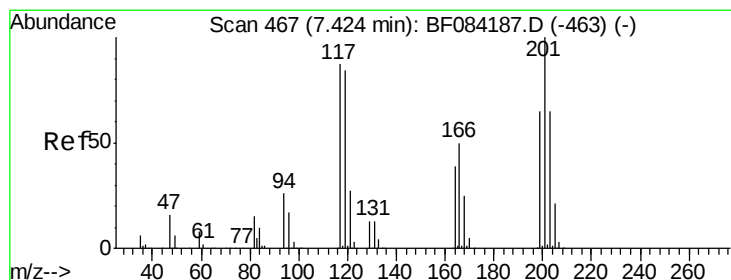
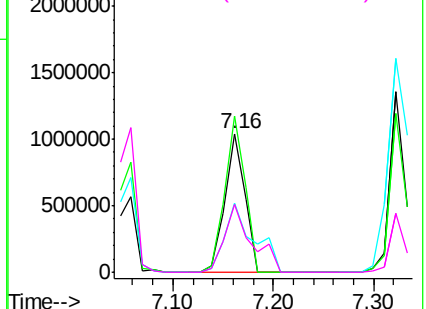
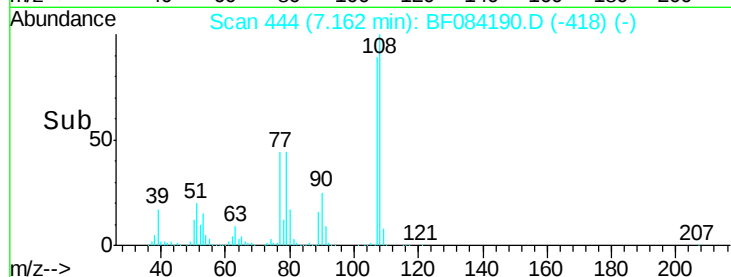


Abundance Ion 107.00 (106.70 to 107.70): E

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: 74.24 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

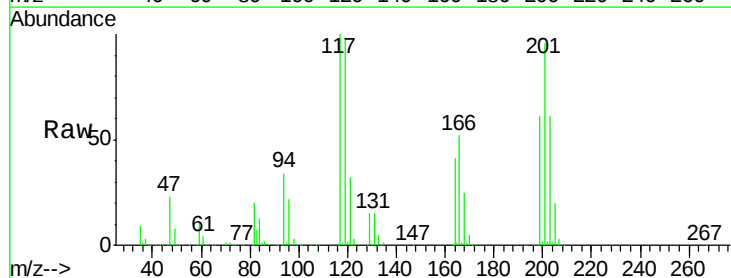
Tgt Ion:117 Resp: 715365

Ion Ratio Lower Upper

117 100

119 97.7 77.4 116.0

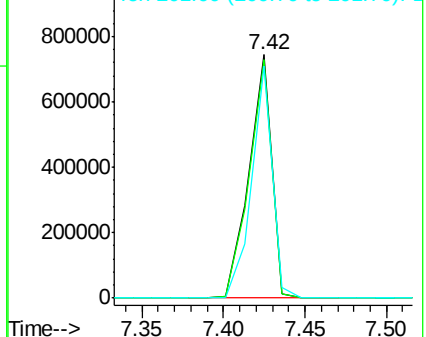
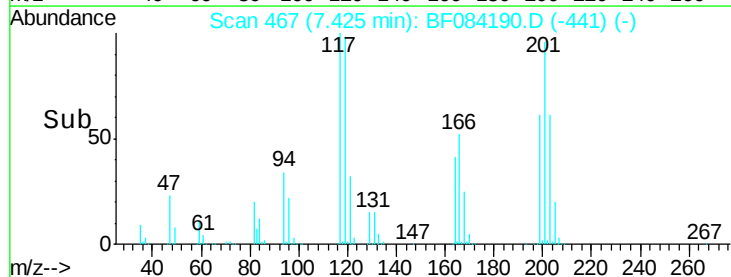
201 95.5 68.6 103.0

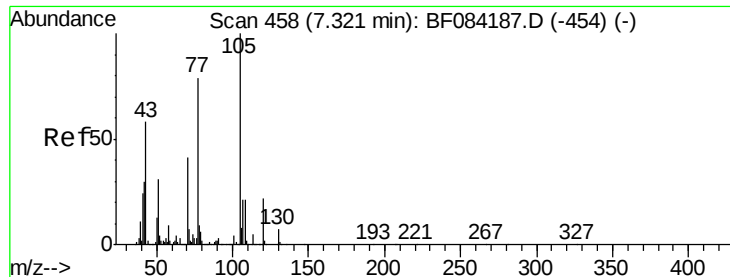


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

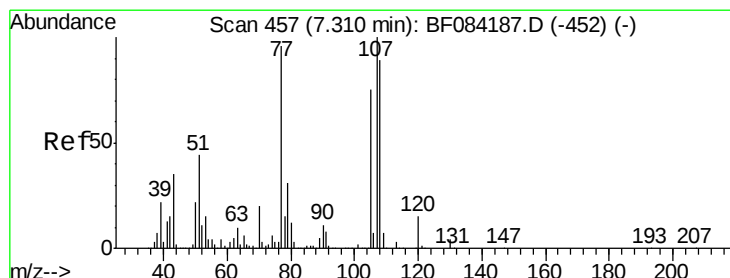
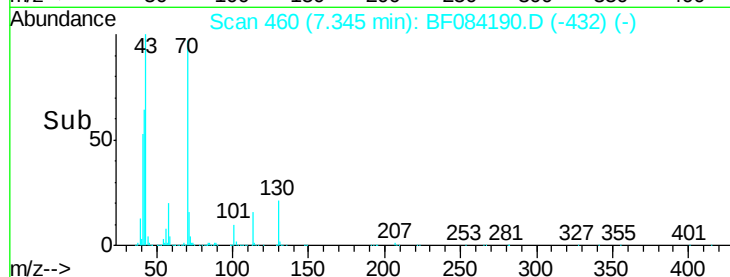
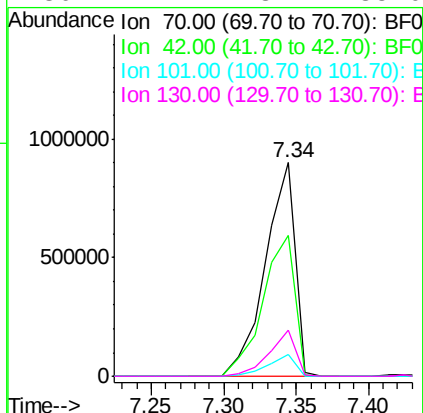
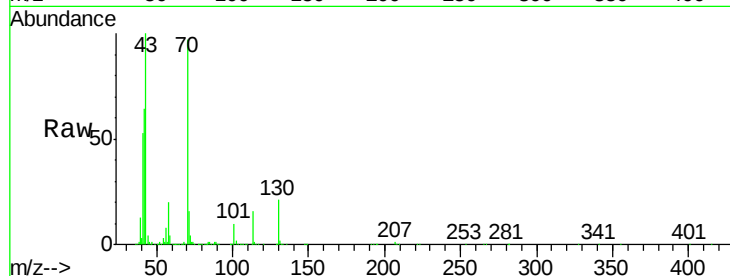




#19
n-Nitroso-di-n-propylamine
Concen: 71.86 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.02 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

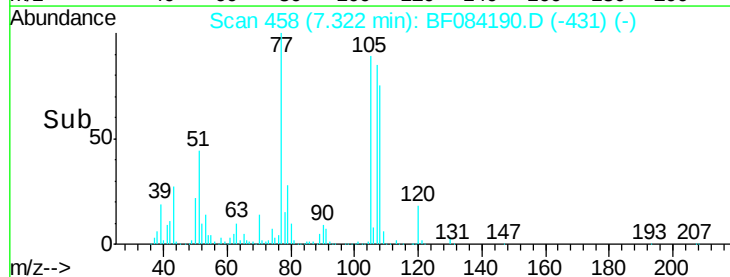
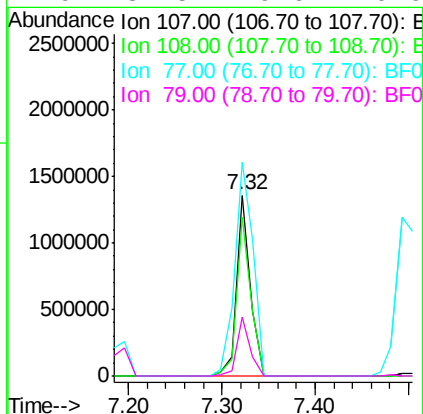
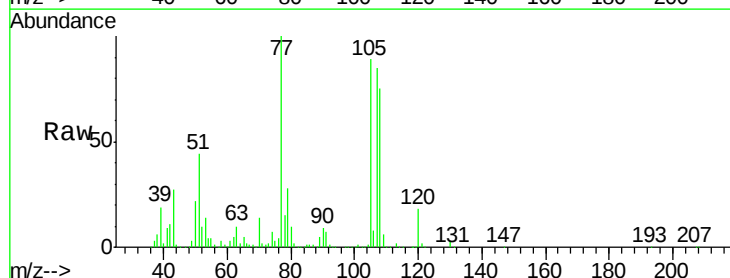
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

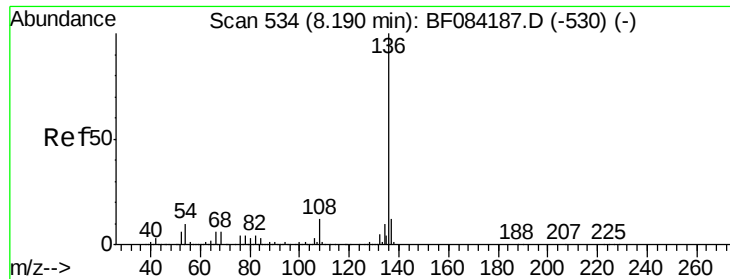
Tot Ion: 70 Resp: 1273490
Ion Ratio Lower Upper
70 100
42 65.7 33.3 49.9#
101 10.5 9.3 13.9
130 21.4 23.4 35.0#



#20
3+4-Methylphenols
Concen: 58.37 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion:107 Resp: 1394215
Ion Ratio Lower Upper
107 100
108 87.9 64.1 104.1
77 118.0 128.9 168.9#
79 32.5 9.6 49.6

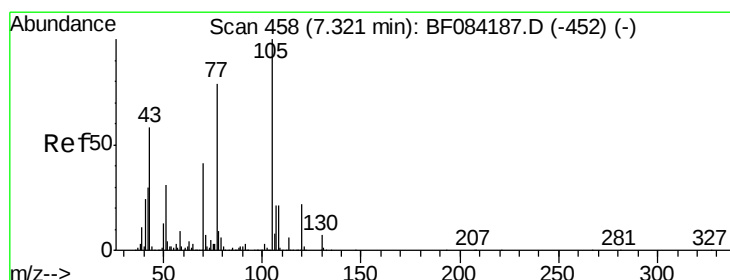
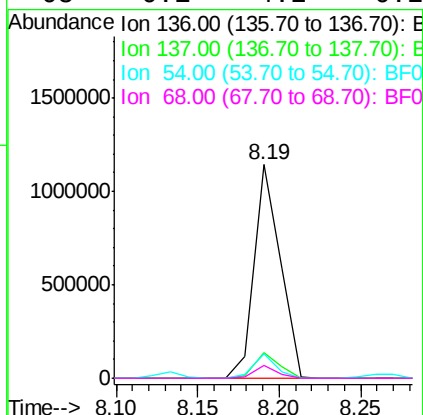
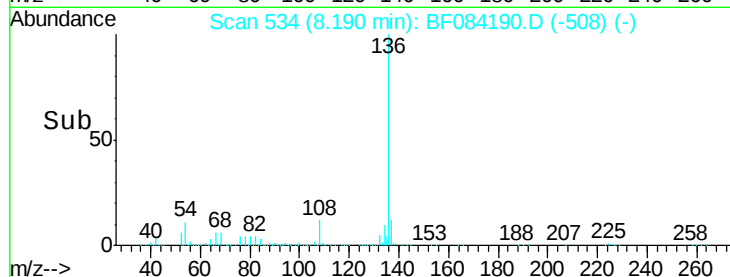
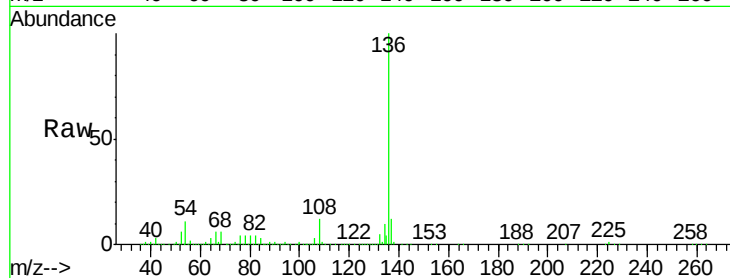




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

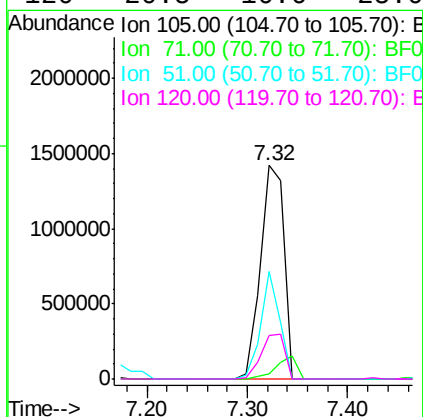
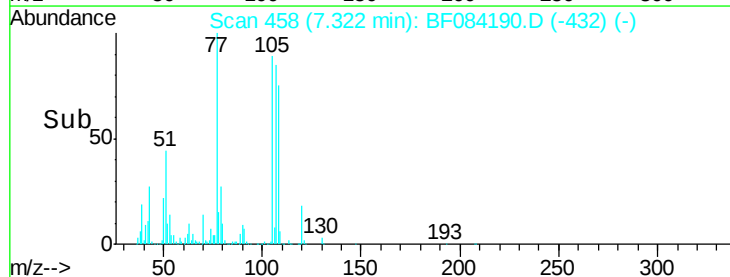
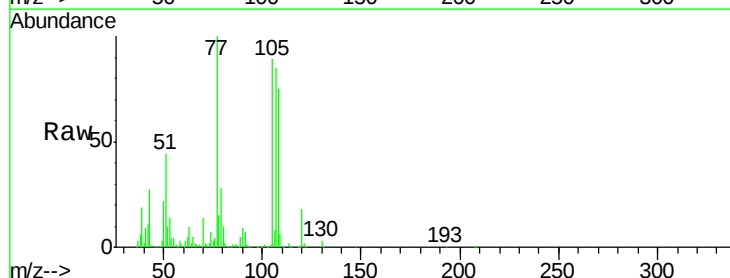
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

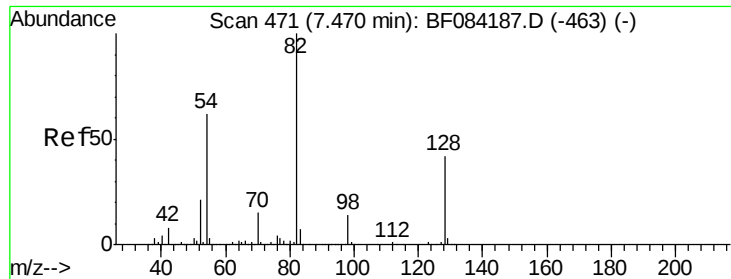
Tot Ion:136	Resp: 1270771
Ion Ratio	Lower Upper
136 100	
137 11.8	8.7 13.1
54 11.2	5.8 8.8#
68 6.1	4.2 6.2



#22
Acetophenone
Concen: 72.22 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt	Ion:105	Resp:	2293078
Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.7	5.5#
51	50.2	25.1	37.7#
120	20.5	16.6	25.0

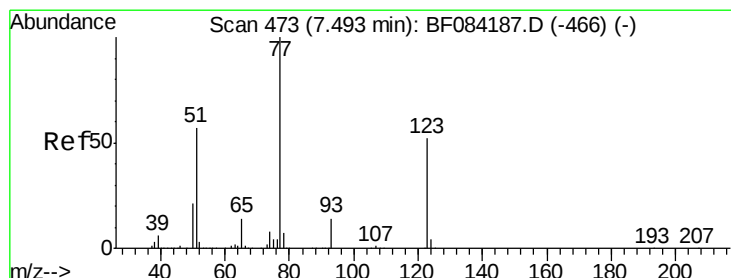
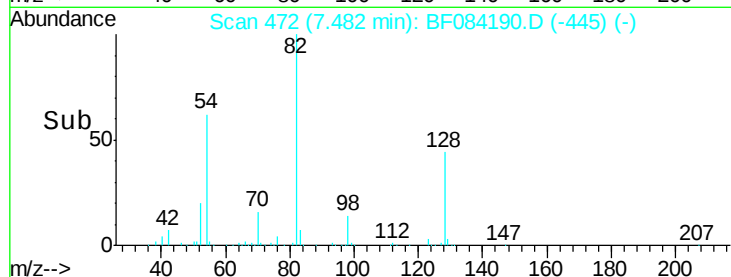
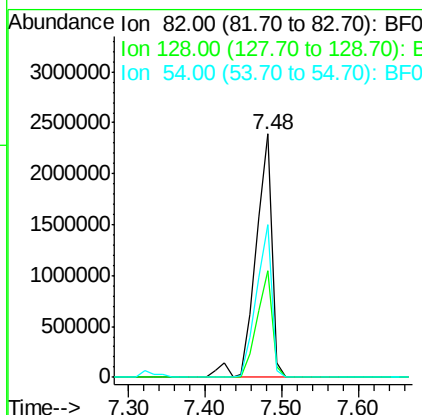
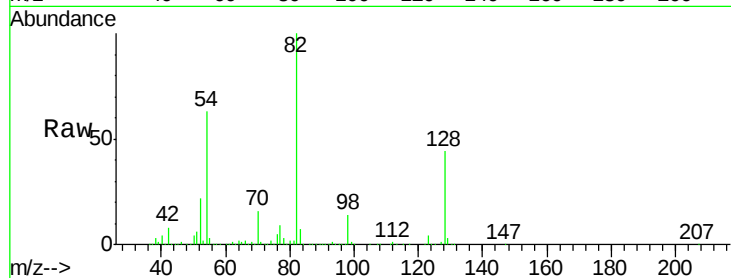




#23
 Nitrobenzene-d5
 Concen: 74.25 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.01 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

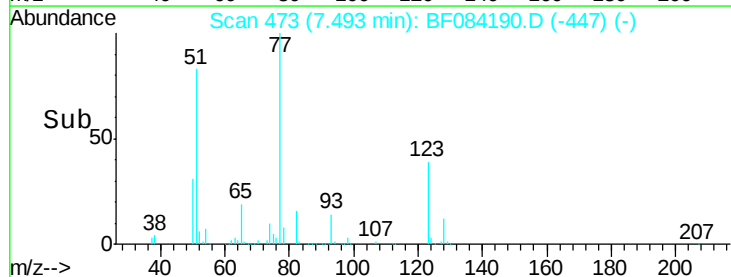
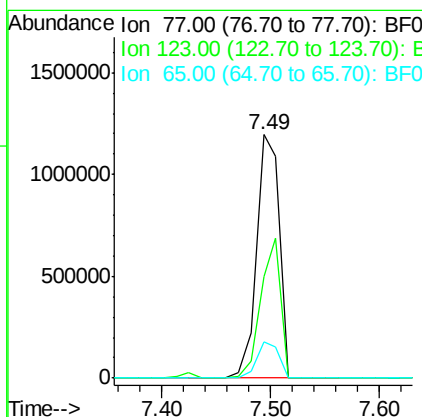
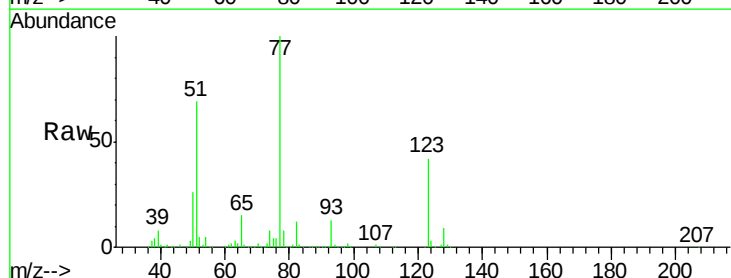
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

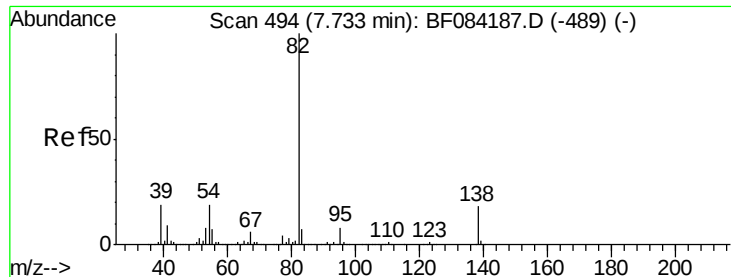
Tot Ion: 82 Resp: 3416265
 Ion Ratio Lower Upper
 82 100
 128 44.0 34.6 51.8
 54 62.8 38.4 57.6#



#24
 Nitrobenzene
 Concen: 72.60 ng
 RT: 7.49 min Scan# 473
 Delta R.T. 0.00 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

Tgt Ion: 77 Resp: 1735524
 Ion Ratio Lower Upper
 77 100
 123 41.5 37.4 56.2
 65 15.1 10.9 16.3





#25

Isophorone

Concen: 77.57 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampled :

SSTDICC080

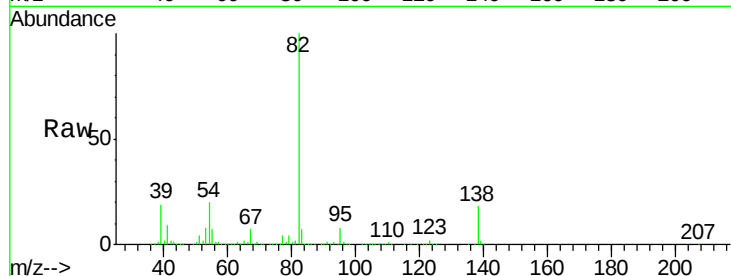
Tot Ion: 82 Resp: 3423522

Ion Ratio Lower Upper

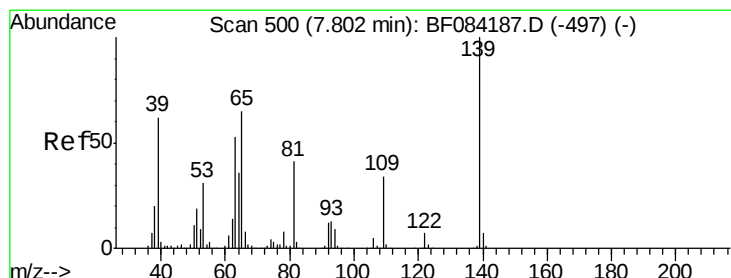
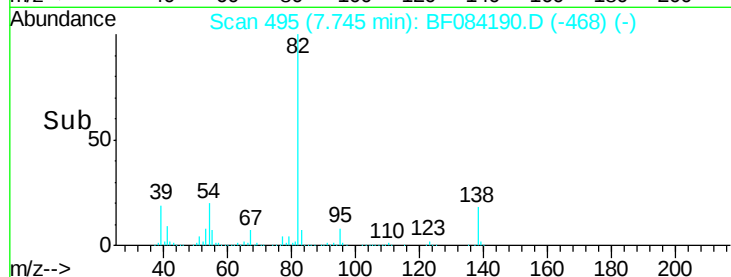
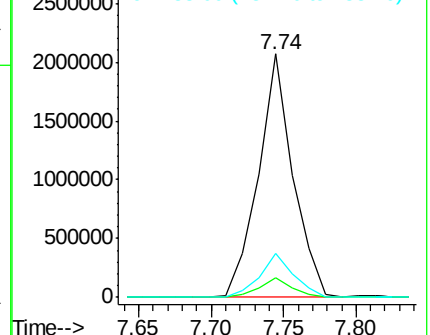
82 100

95 8.3 6.6 10.0

138 18.1 13.6 20.4



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



#26

2-Nitrophenol

Concen: 94.38 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

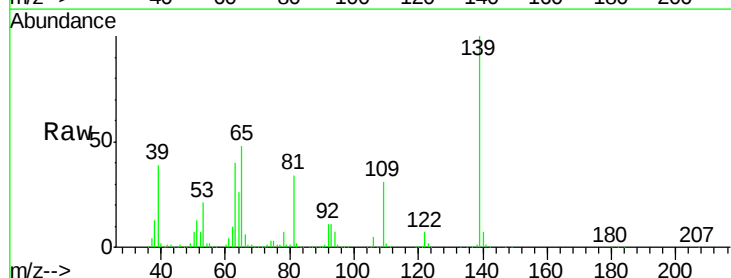
Tgt Ion: 139 Resp: 956625

Ion Ratio Lower Upper

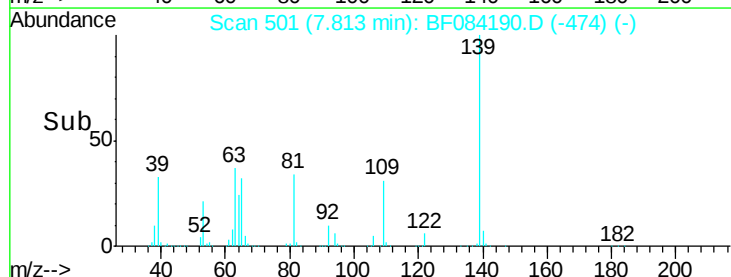
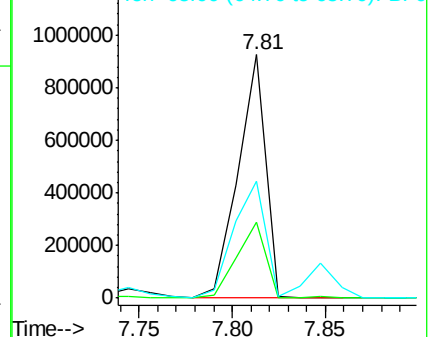
139 100

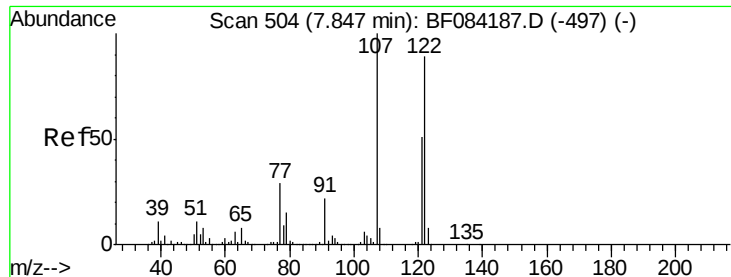
109 31.4 25.4 38.2

65 47.8 32.3 48.5



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

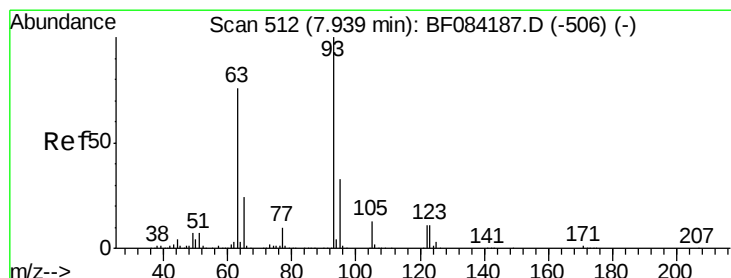
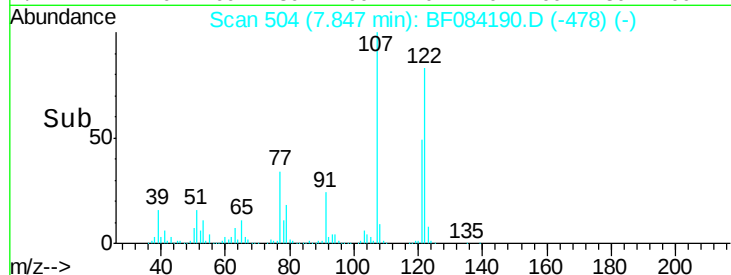
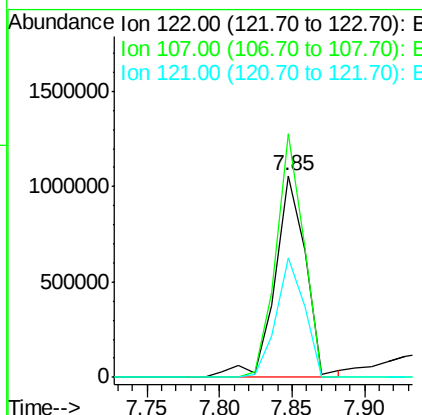
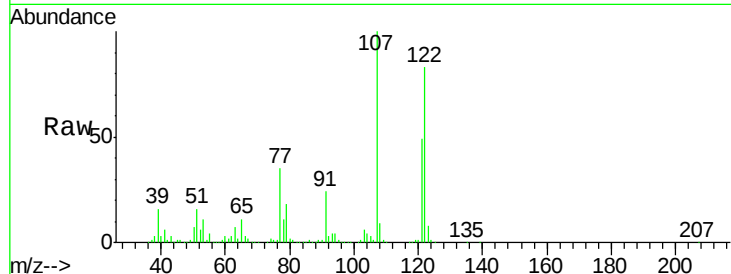




#27
 2,4-Dimethylphenol
 Concen: 70.26 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

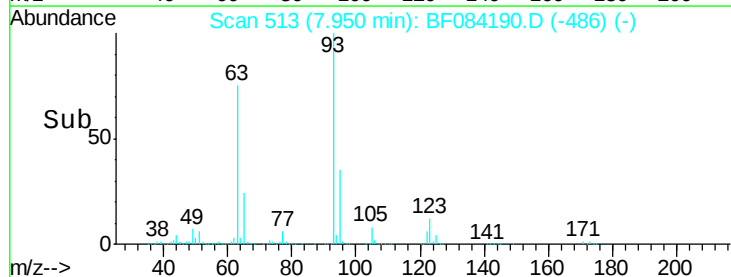
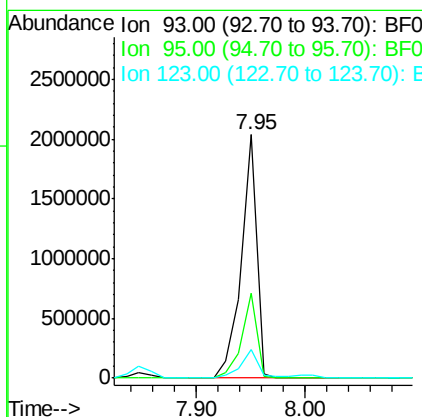
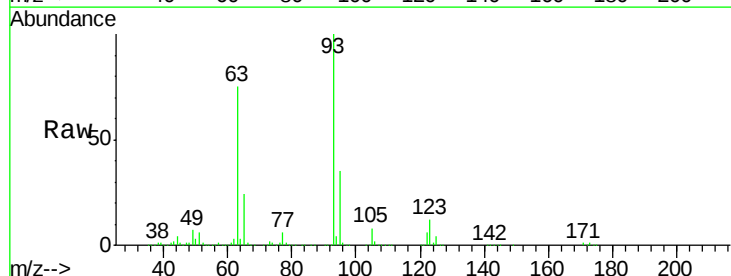
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:122 Resp: 1553809
 Ion Ratio Lower Upper
 122 100
 107 120.7 99.1 148.7
 121 59.4 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 73.14 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.01 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

Tgt Ion: 93 Resp: 1975828
 Ion Ratio Lower Upper
 93 100
 95 35.0 25.8 38.6
 123 11.8 8.6 12.8

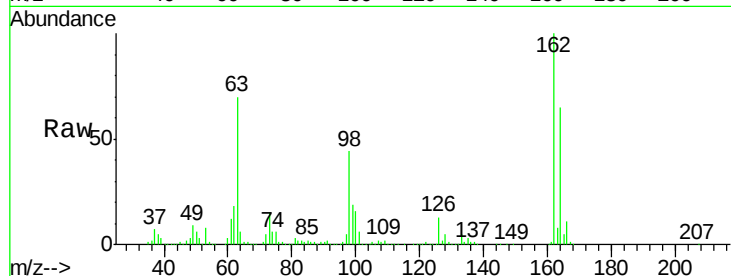




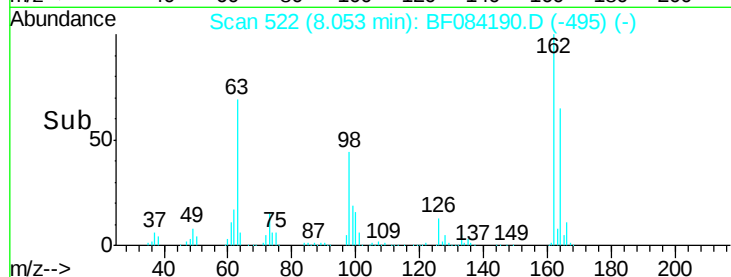
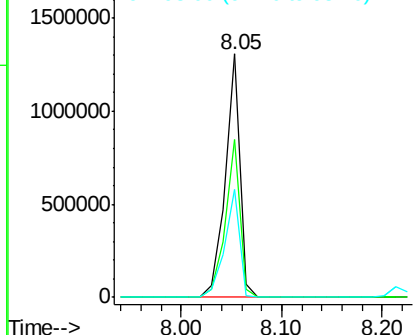
#29
2,4-Dichlorophenol
Concen: 73.34 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:162 Resp: 1315436
Ion Ratio Lower Upper
162 100
164 64.6 44.1 84.1
98 44.4 20.2 60.2

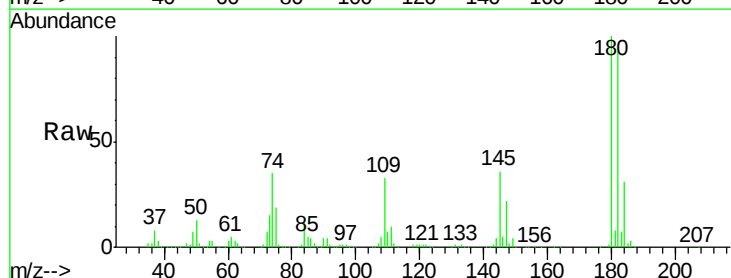


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

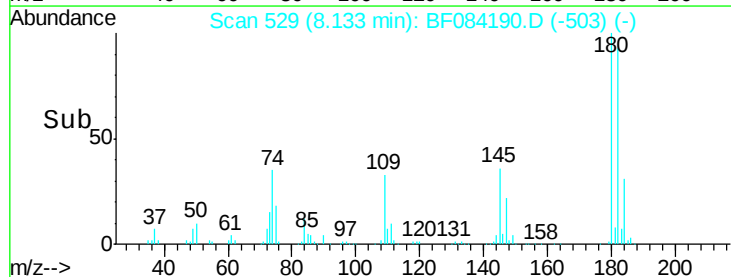
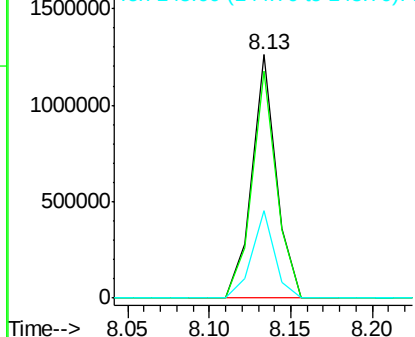


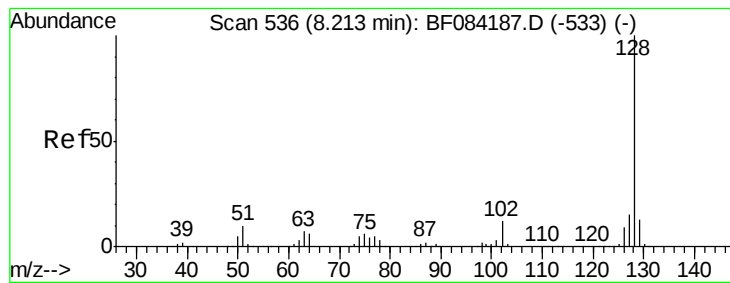
#30
1,2,4-Trichlorobenzene
Concen: 68.95 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion:180 Resp: 1307533
Ion Ratio Lower Upper
180 100
182 93.3 76.4 114.6
145 35.8 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: 66.44 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

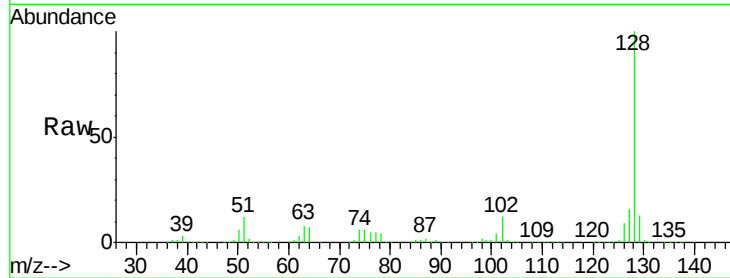
Tot Ion:128 Resp: 4035394

Ion Ratio Lower Upper

128 100

129 13.4 9.1 13.7

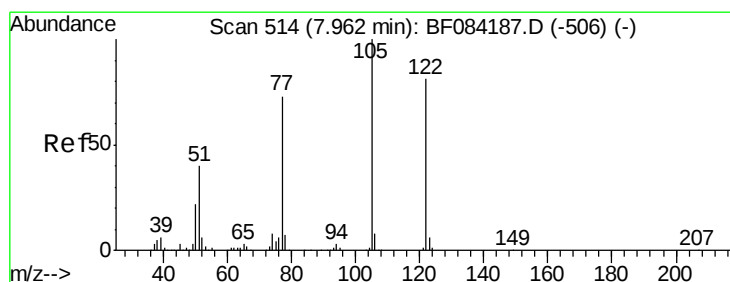
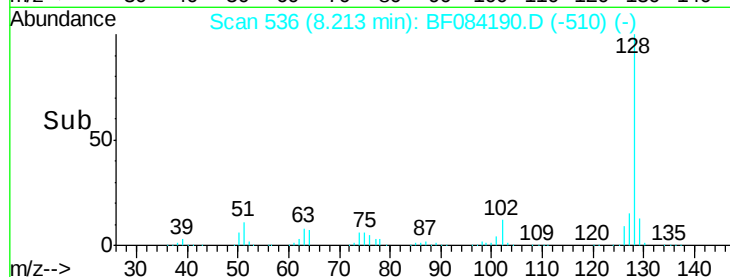
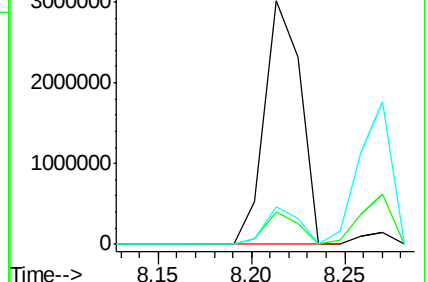
127 15.5 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 123.69 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.05 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

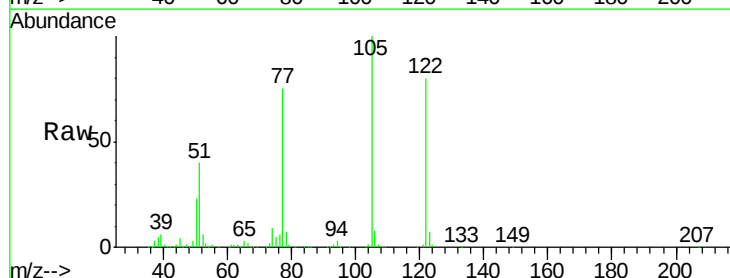
Tgt Ion:122 Resp: 1214324

Ion Ratio Lower Upper

122 100

105 124.6 100.3 140.3

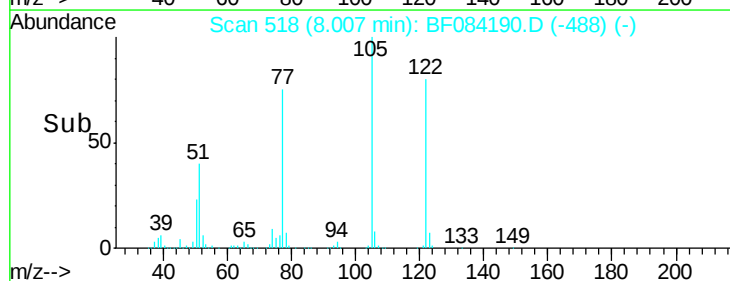
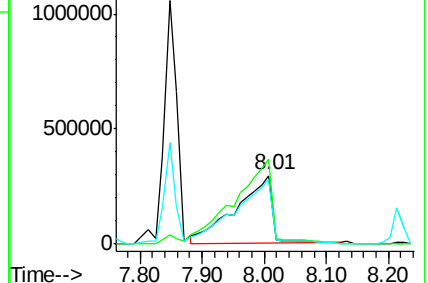
77 93.2 63.5 103.5

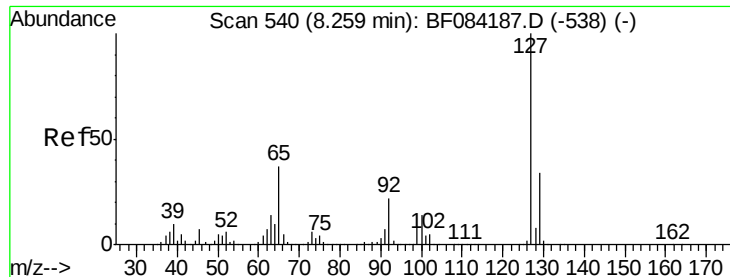


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

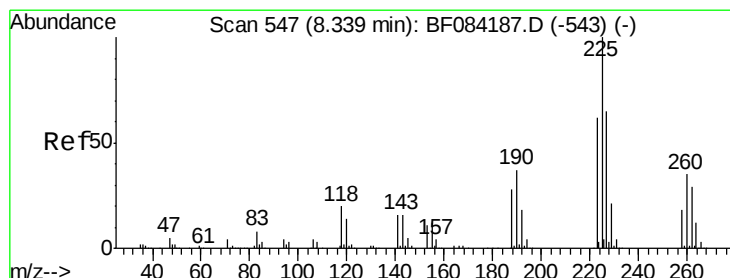
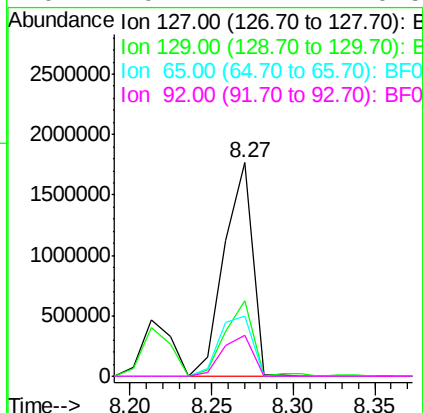
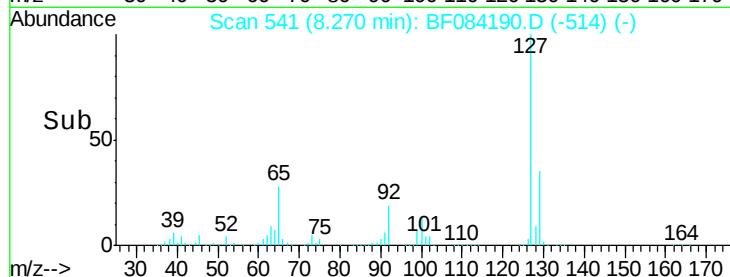
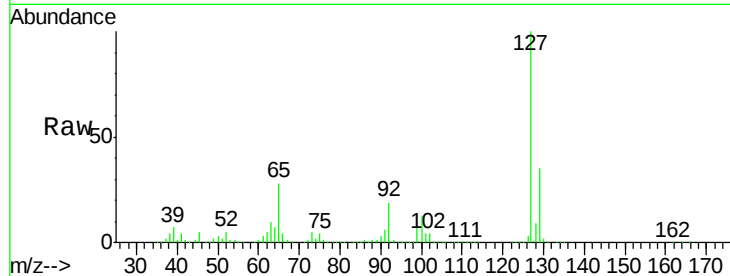




#33
4-Chloroaniline
Concen: 78.37 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

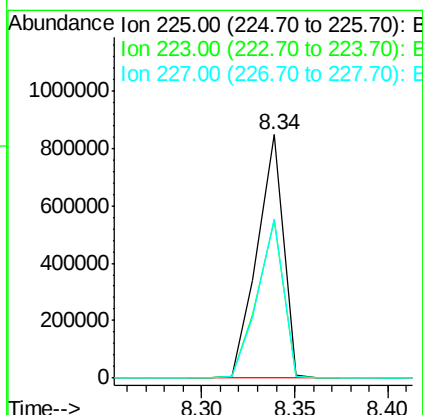
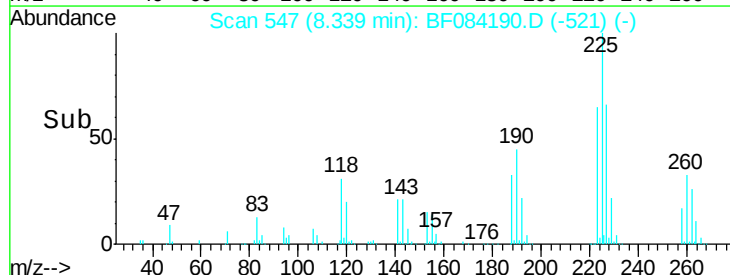
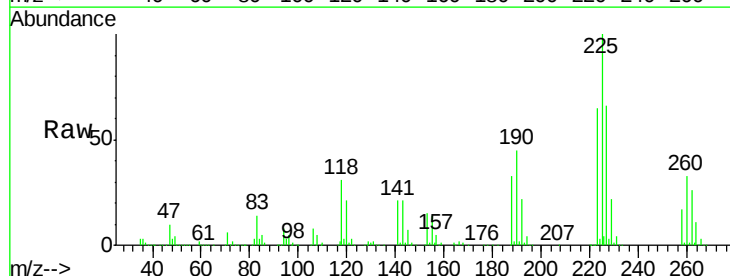
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

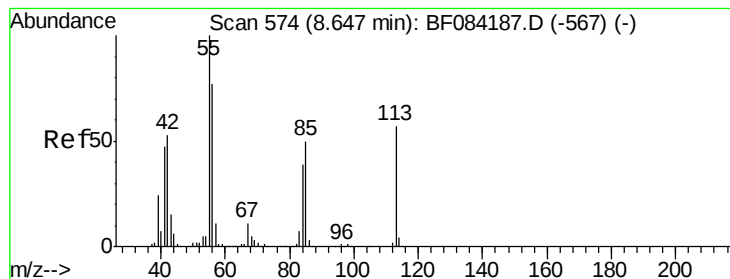
Tot Ion:127	Resp: 2103561
Ion Ratio	Lower Upper
127 100	
129 35.2	26.5 39.7
65 28.3	27.2 40.8
92 19.2	17.7 26.5



#34
Hexachlorobutadiene
Concen: 78.25 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion	225	Resp: Lower	827771 Upper
	Ratio		
225	100		
223	64.9	49.4	74.0
227	65.6	50.8	76.2





#35

Caprolactam

Concen: 73.16 ng

RT: 8.67 min Scan# 576

Delta R.T. 0.02 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

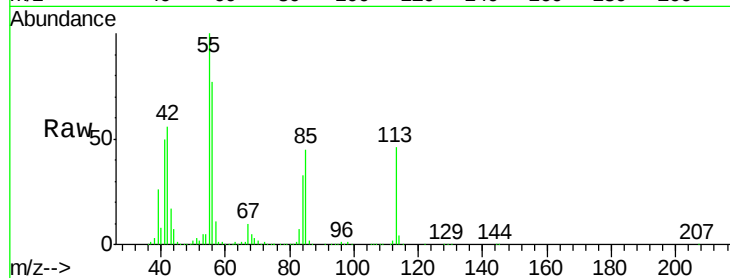
Tot Ion:113 Resp: 438234

Ion Ratio Lower Upper

113 100

55 215.6 116.9 156.9#

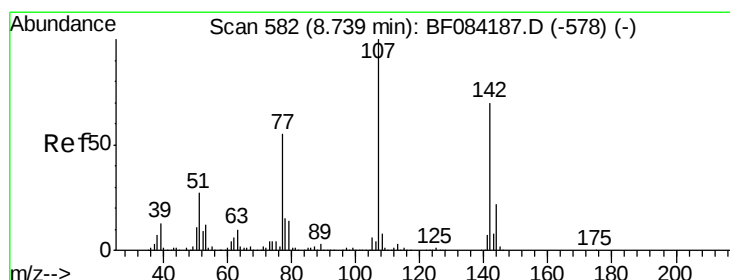
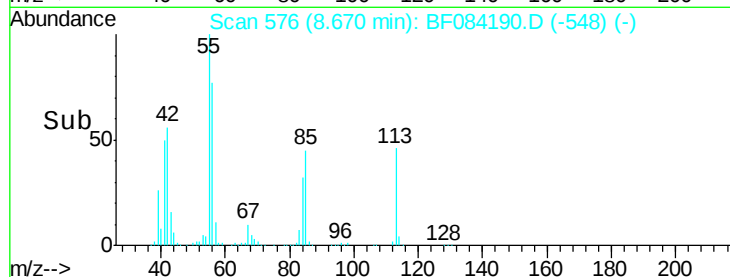
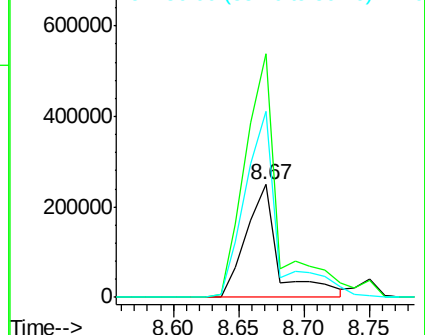
56 165.1 93.8 133.8#



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: 70.46 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

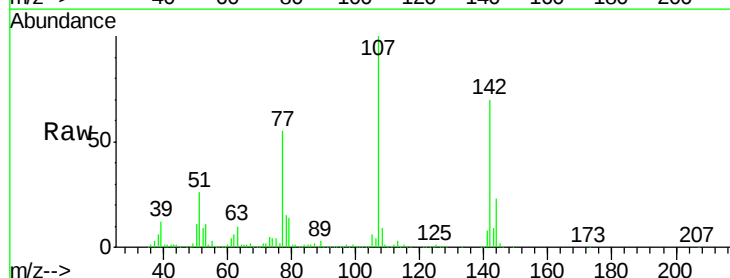
Tgt Ion:107 Resp: 1416183

Ion Ratio Lower Upper

107 100

144 23.4 19.7 29.5

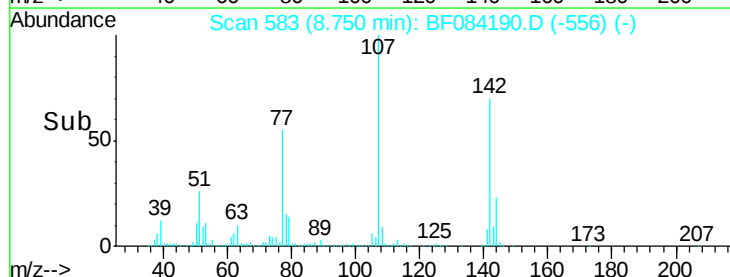
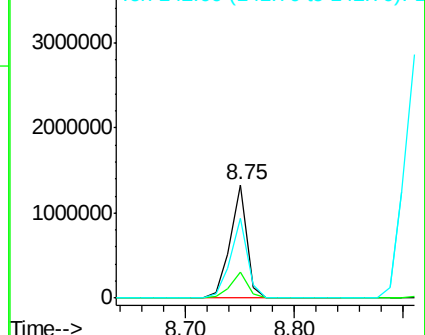
142 69.9 61.8 92.6

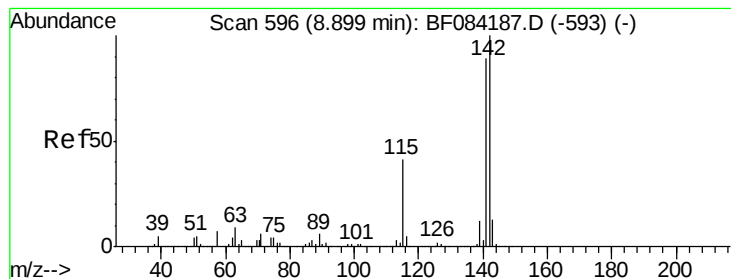


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

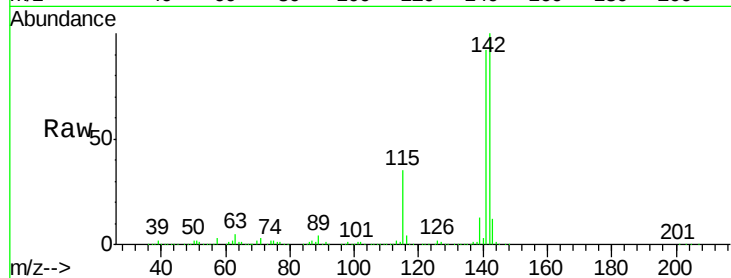




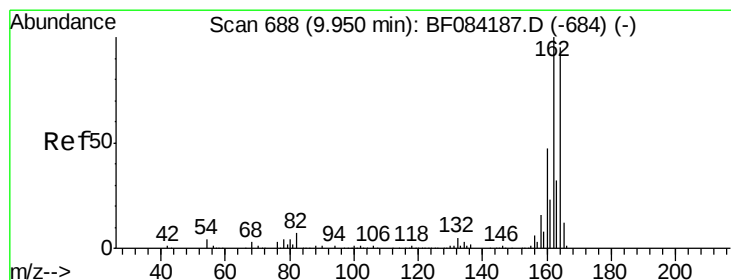
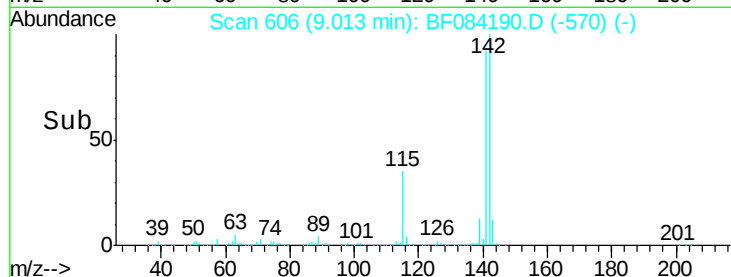
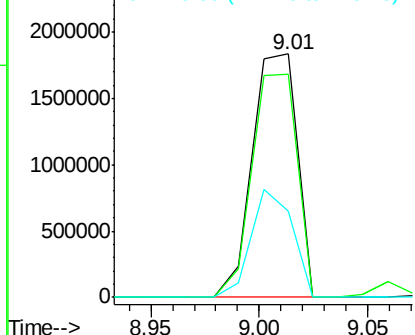
#37
2-Methylnaphthalene
Concen: 62.13 ng
RT: 9.01 min Scan# 606
Delta R.T. 0.11 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:142 Resp: 2653147
Ion Ratio Lower Upper
142 100
141 91.7 72.4 108.6
115 35.3 27.9 41.9

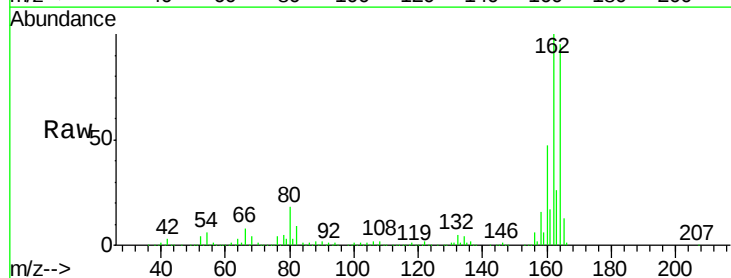


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

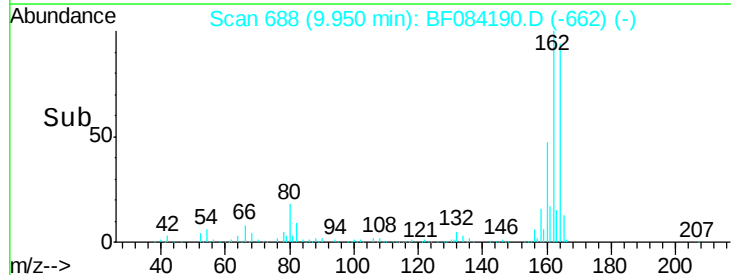
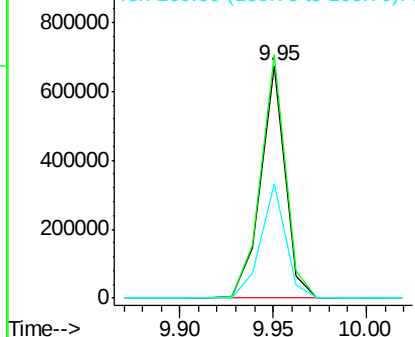


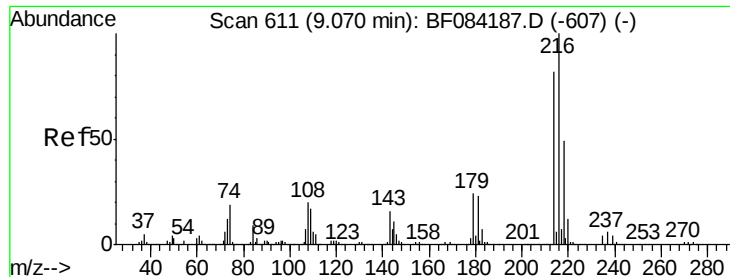
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion:164 Resp: 610015
Ion Ratio Lower Upper
164 100
162 104.8 85.1 127.7
160 49.3 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 61.15 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:216 Resp: 1138509

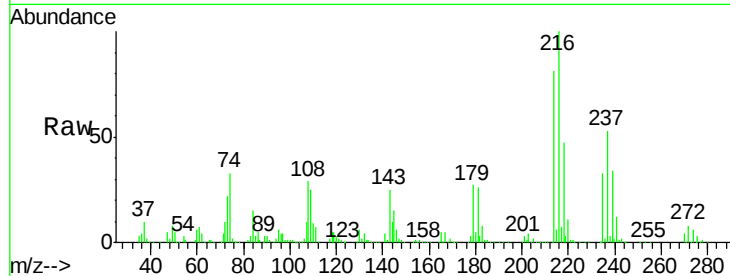
Ion Ratio Lower Upper

216 100

214 78.9 64.2 96.2

179 23.4 18.7 28.1

108 23.3 16.8 25.2

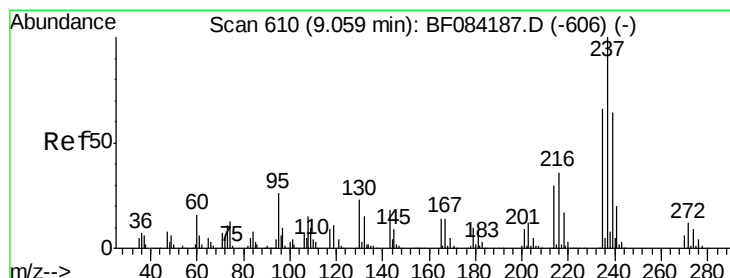
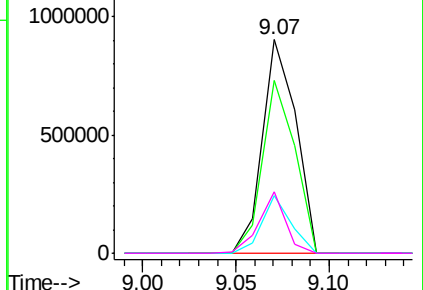
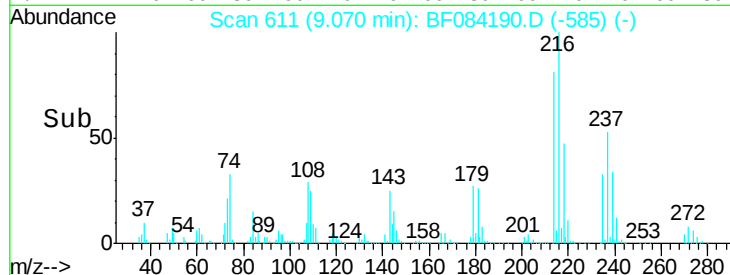


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.78 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

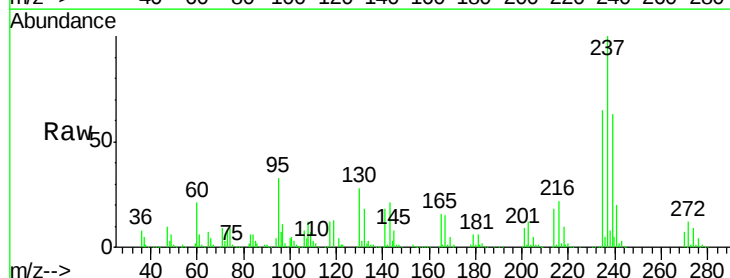
Tgt Ion:237 Resp: 829758

Ion Ratio Lower Upper

237 100

235 64.7 43.1 83.1

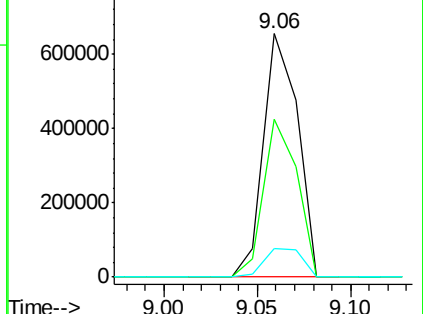
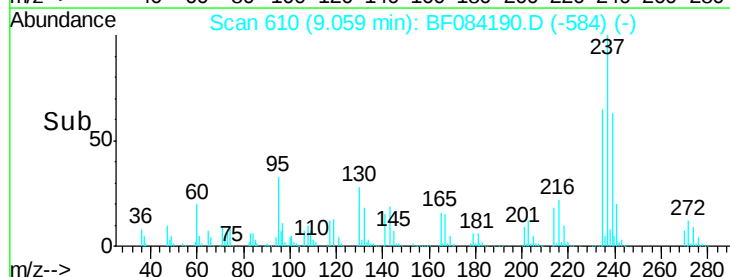
272 11.7 0.0 35.1

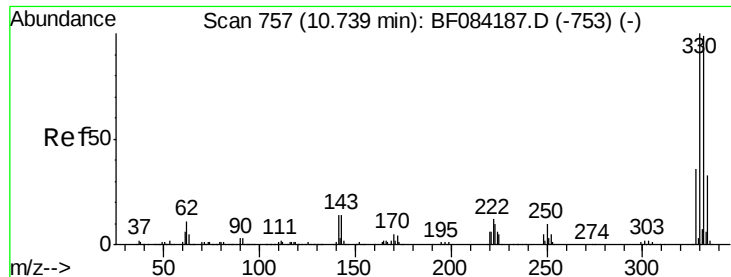


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

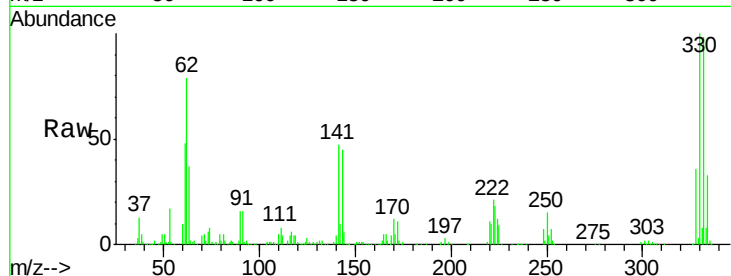




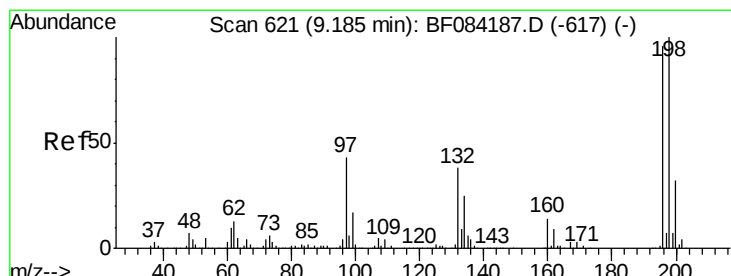
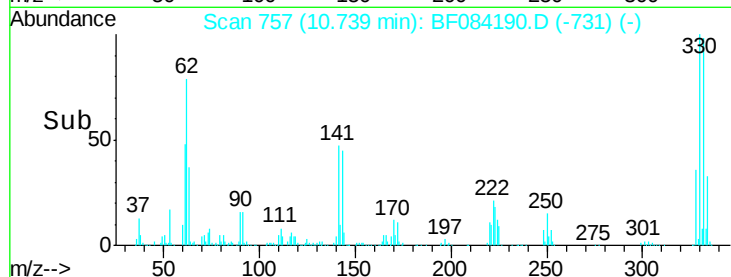
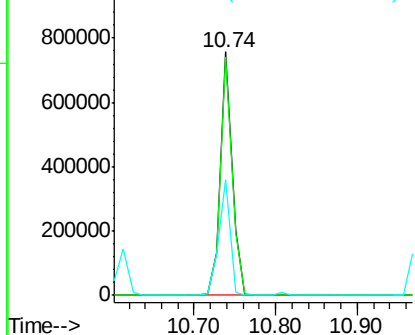
#41
 2,4,6-Tribromophenol
 Concen: 58.25 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:330 Resp: 759440
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 45.6 27.8 41.6#

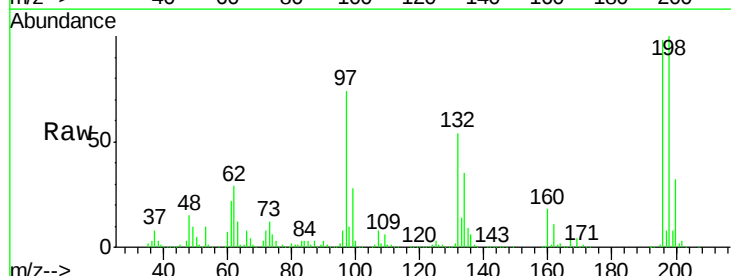


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

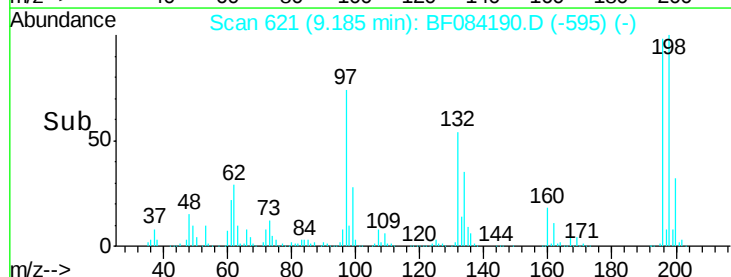
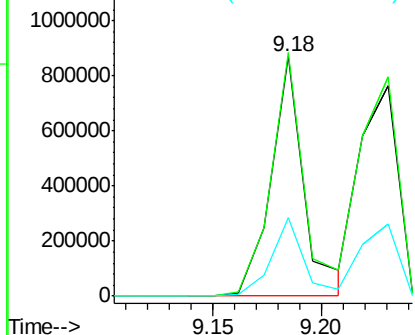


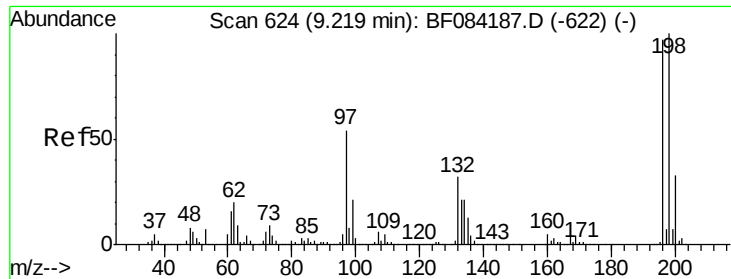
#42
 2,4,6-Trichlorophenol
 Concen: 67.95 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

Tgt Ion:196 Resp: 924789
 Ion Ratio Lower Upper
 196 100
 198 101.8 77.7 116.5
 200 32.8 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

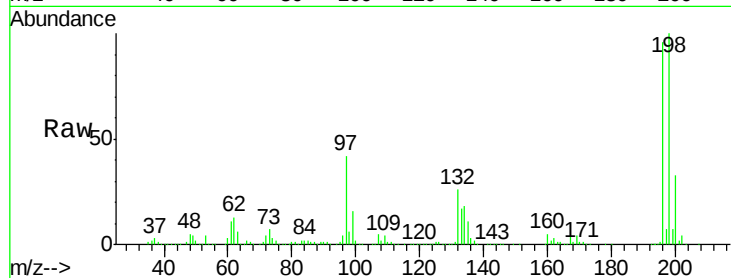




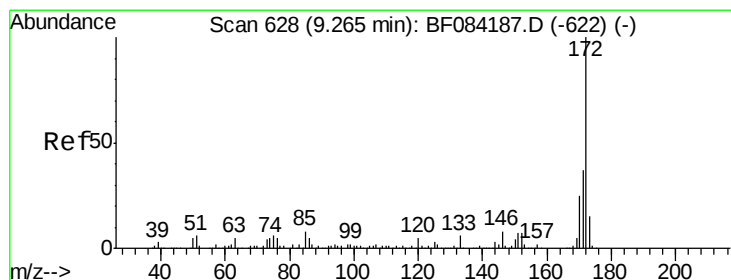
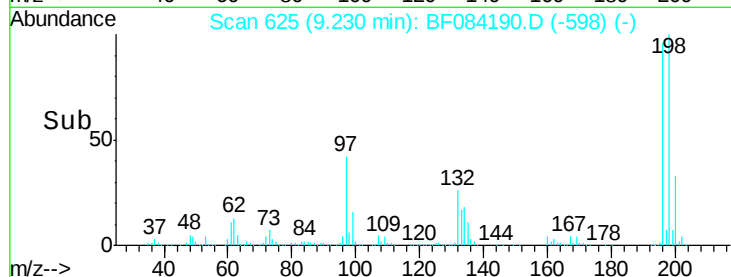
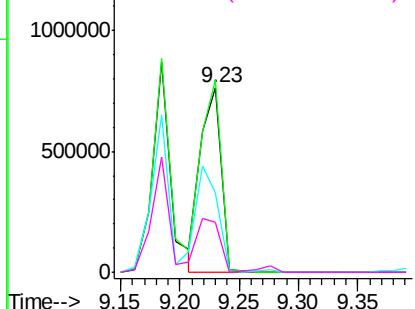
#43
 2,4,5-Trichlorophenol
 Concen: 72.72 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:196 Resp: 935642
 Ion Ratio Lower Upper
 196 100
 198 103.9 79.0 118.6
 97 43.3 33.0 49.6
 132 27.0 21.1 31.7

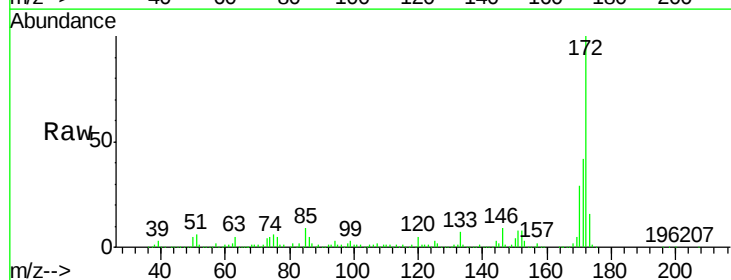


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

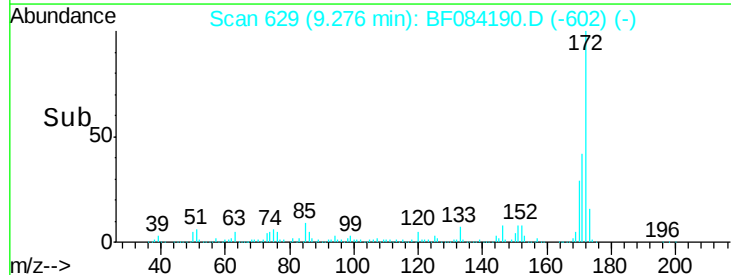
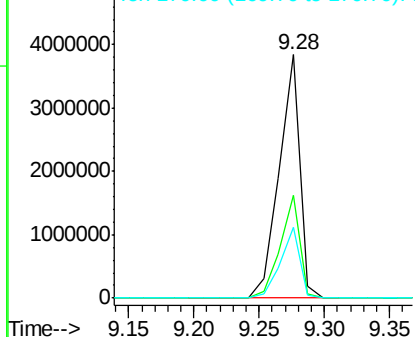


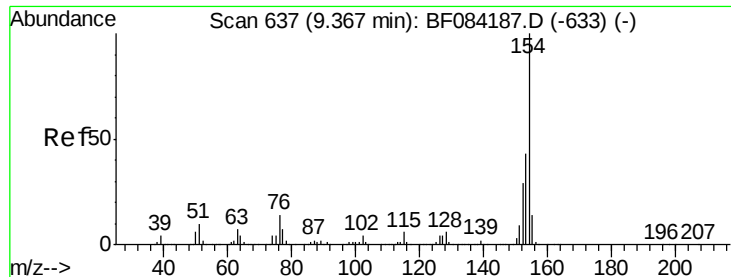
#44
 2-Fluorobiphenyl
 Concen: 51.53 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

Tgt Ion:172 Resp: 4279846
 Ion Ratio Lower Upper
 172 100
 171 42.1 28.9 43.3
 170 29.3 18.6 27.8#



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





#45

1,1'-Biphenyl

Concen: 66.58 ng

RT: 9.38 min Scan# 638

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

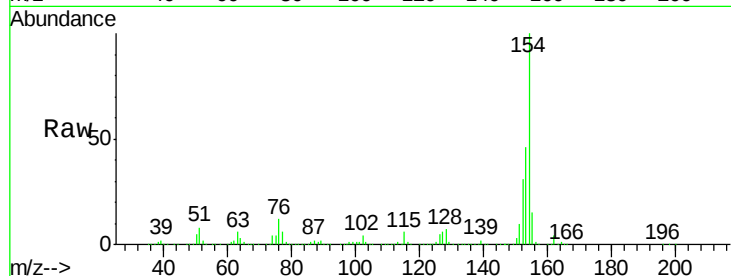
Tot Ion:154 Resp: 3521537

Ion Ratio Lower Upper

154 100

153 46.2 21.6 61.6

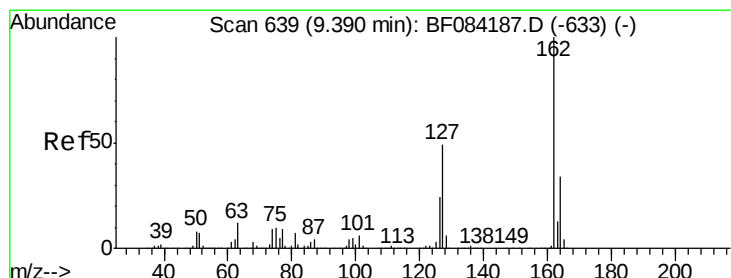
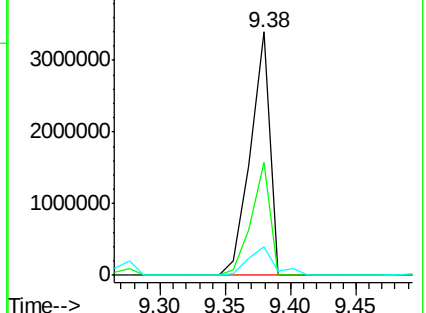
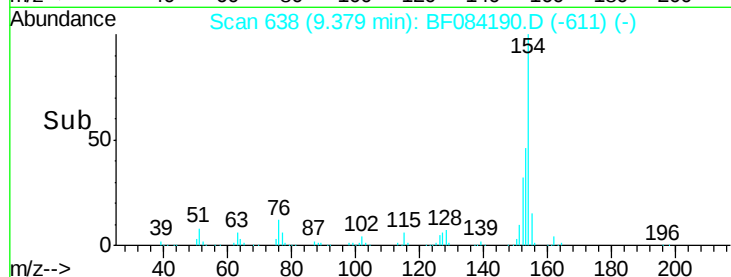
76 11.8 0.0 32.7



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: 68.06 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

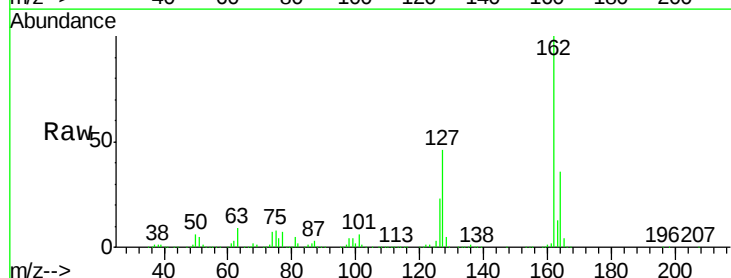
Tgt Ion:162 Resp: 2686412

Ion Ratio Lower Upper

162 100

127 46.3 40.2 60.4

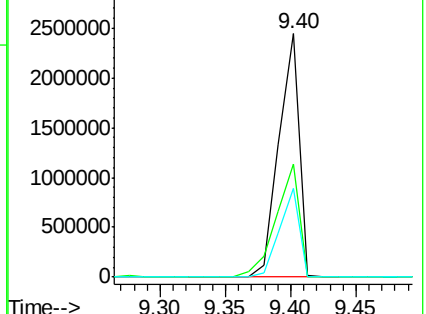
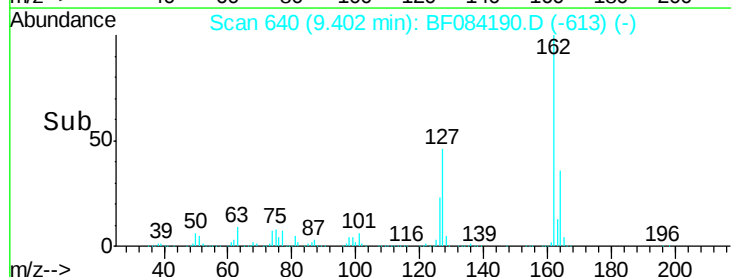
164 36.4 25.7 38.5

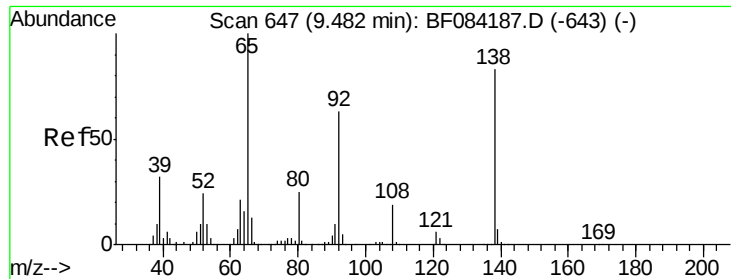


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

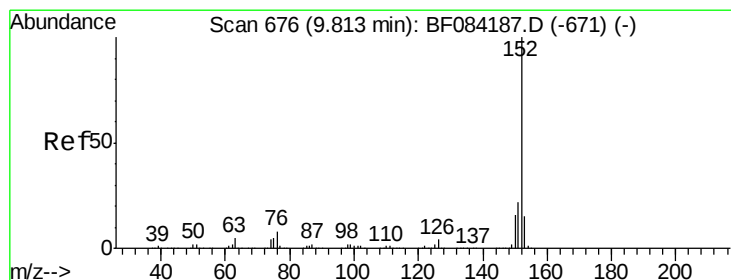
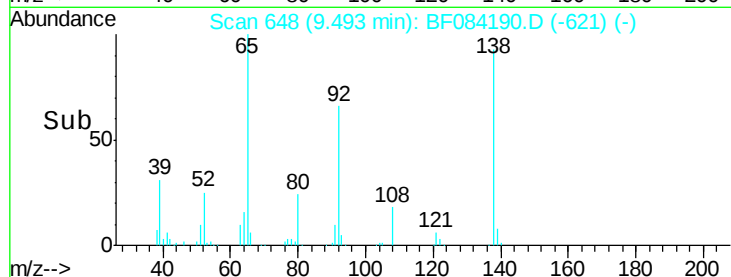
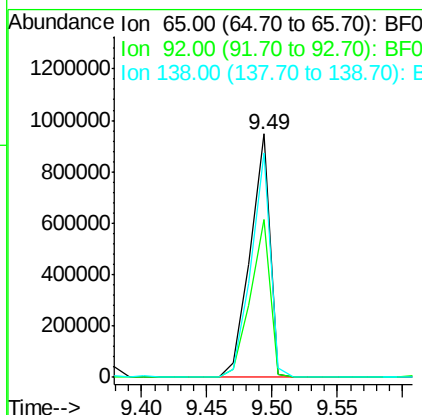
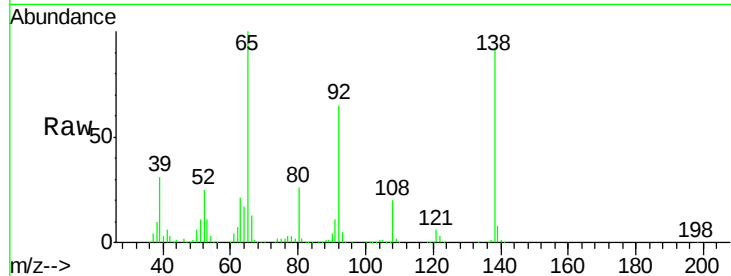




#47
2-Nitroaniline
Concen: 81.74 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

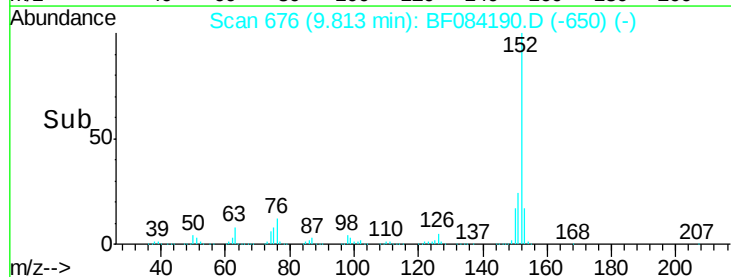
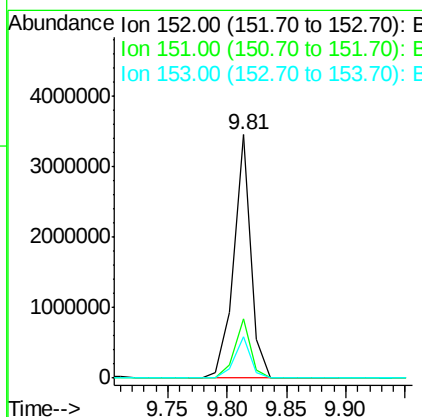
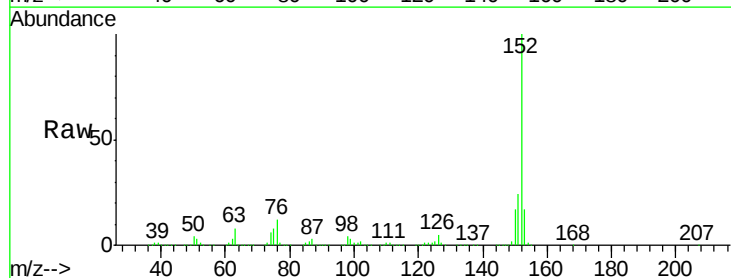
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

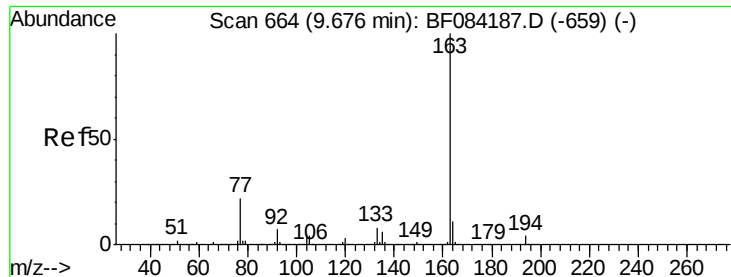
Tot Ion: 65 Resp: 998556
Ion Ratio Lower Upper
65 100
92 64.9 53.4 80.2
138 92.0 71.1 106.7



#48
Acenaphthylene
Concen: 53.98 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion: 152 Resp: 3443636
Ion Ratio Lower Upper
152 100
151 24.4 16.3 24.5
153 17.0 10.4 15.6#

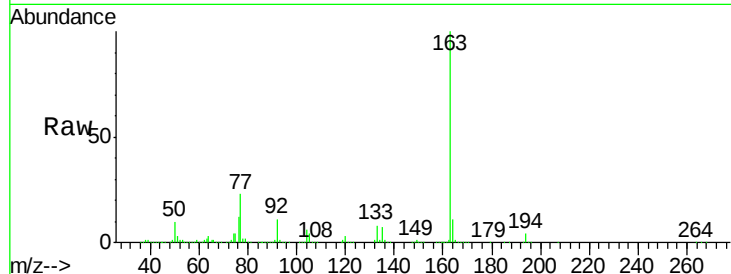




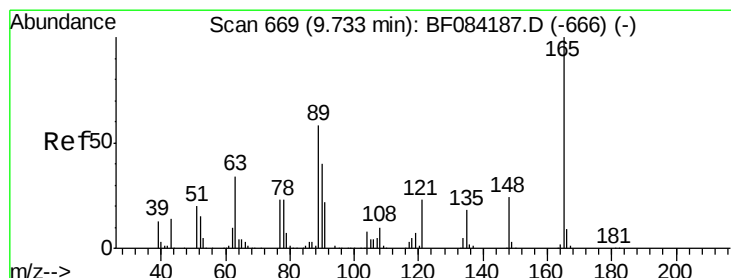
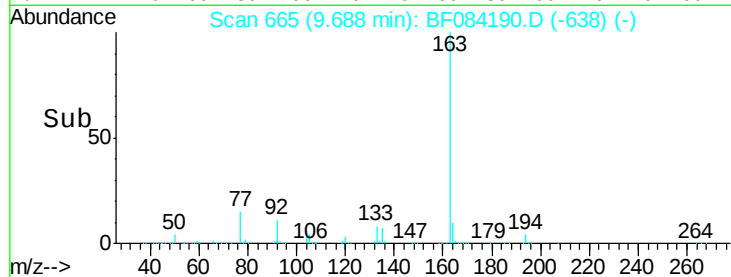
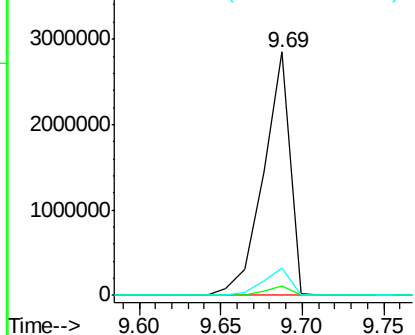
#49
Dimethylphthalate
Concen: 70.86 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:163 Resp: 3219849
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 11.2 8.0 12.0

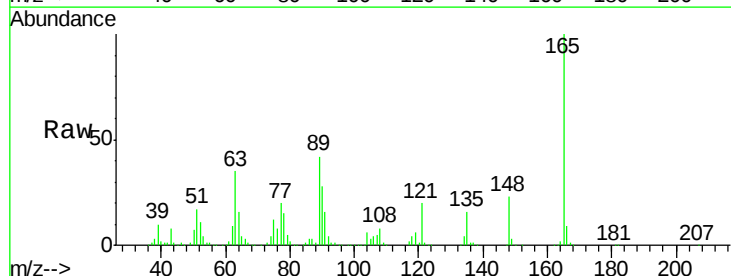


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

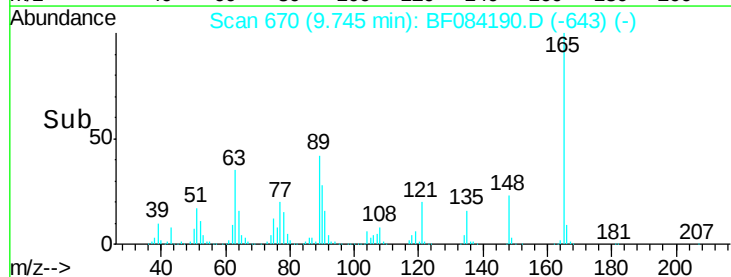
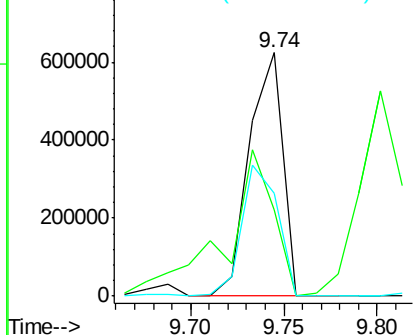


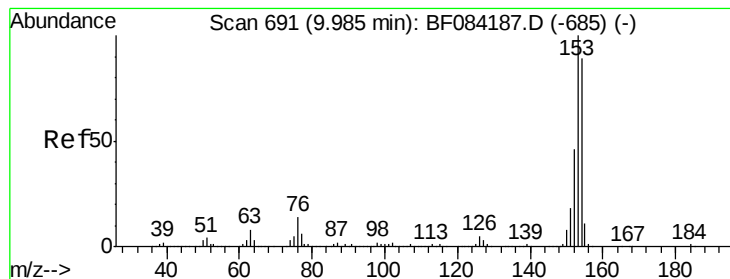
#50
2,6-Dinitrotoluene
Concen: 78.96 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion:165 Resp: 771760
Ion Ratio Lower Upper
165 100
63 35.3 28.8 43.2
89 42.1 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: 58.88 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

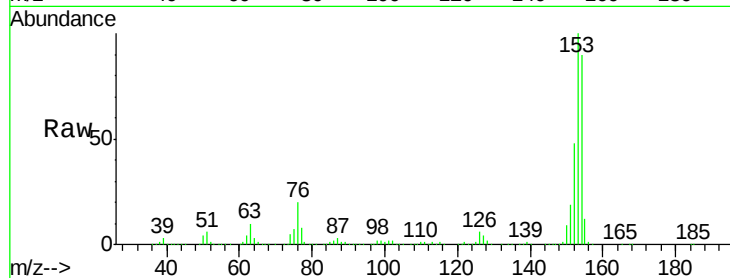
Tot Ion:154 Resp: 2472658

Ion Ratio Lower Upper

154 100

153 111.3 91.5 137.3

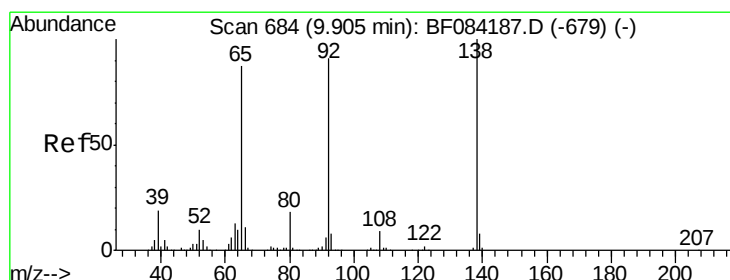
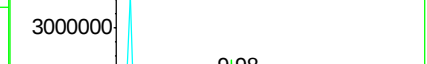
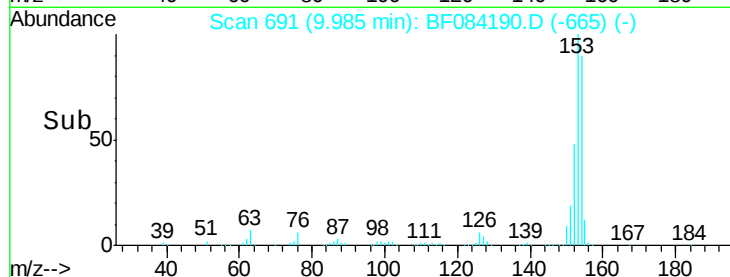
152 53.9 43.0 64.6



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: 69.74 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

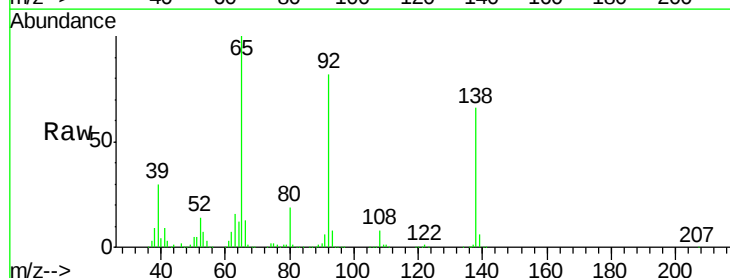
Tgt Ion:138 Resp: 852198

Ion Ratio Lower Upper

138 100

108 11.4 10.5 15.7

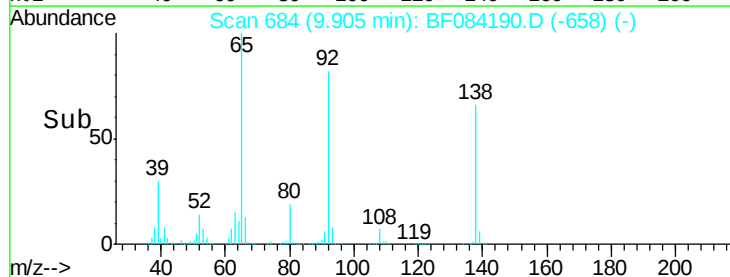
92 125.3 103.9 155.9

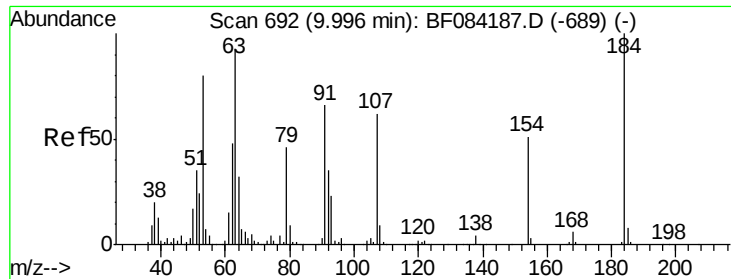


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

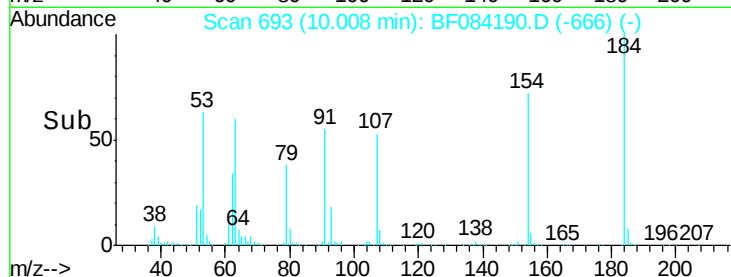
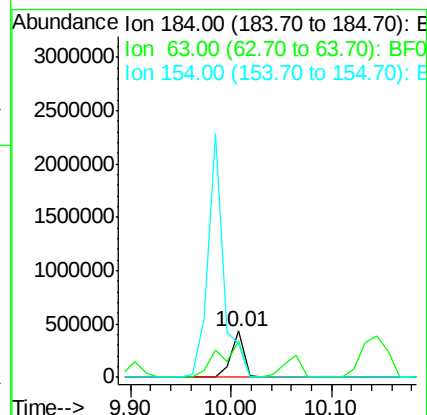
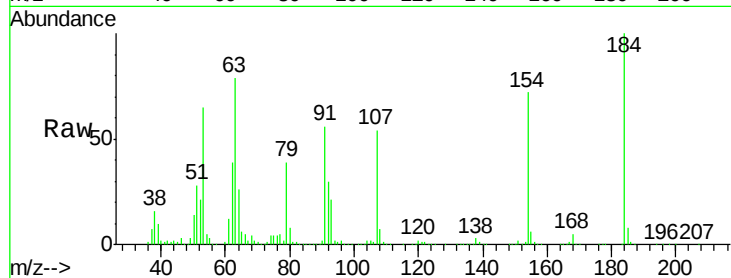




#53
2,4-Dinitrophenol
Concen: 133.41 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

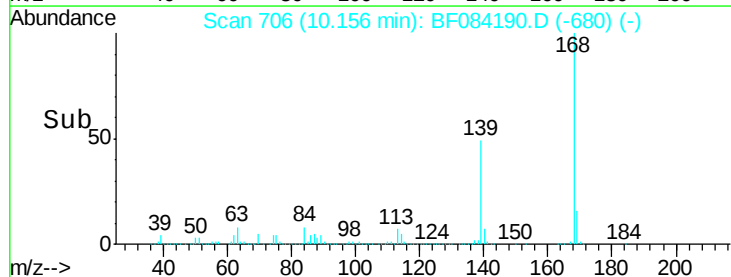
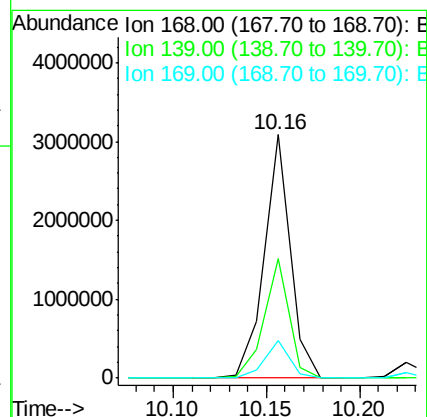
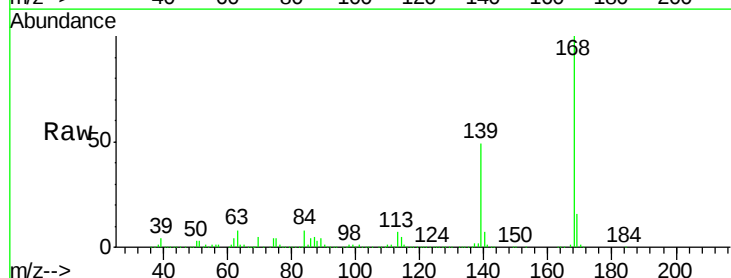
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

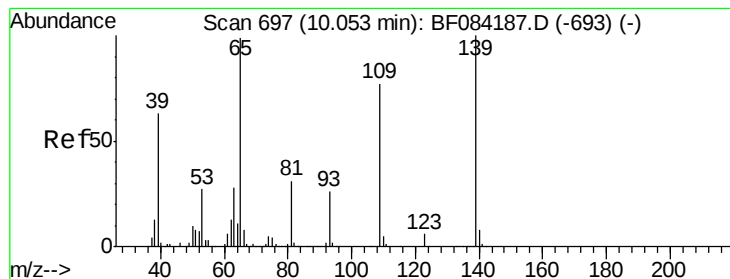
Tot Ion:184 Resp: 381958
Ion Ratio Lower Upper
184 100
63 78.9 43.1 64.7#
154 71.7 60.5 90.7



#54
Dibenzofuran
Concen: 52.07 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion:168 Resp: 2977145
Ion Ratio Lower Upper
168 100
139 49.0 30.5 45.7#
169 15.7 10.4 15.6#





#55

4-Nitrophenol

Concen: 84.59 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

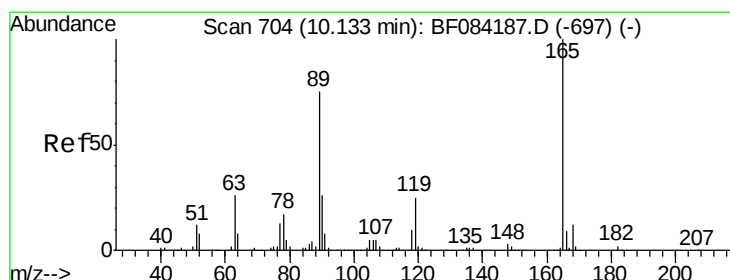
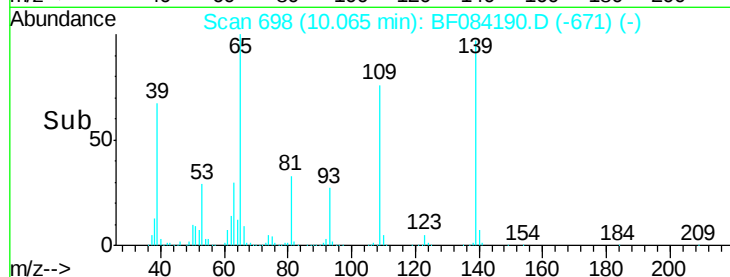
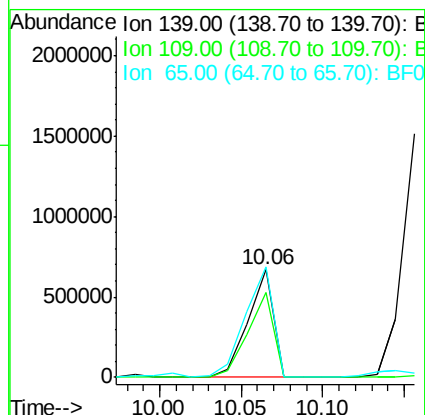
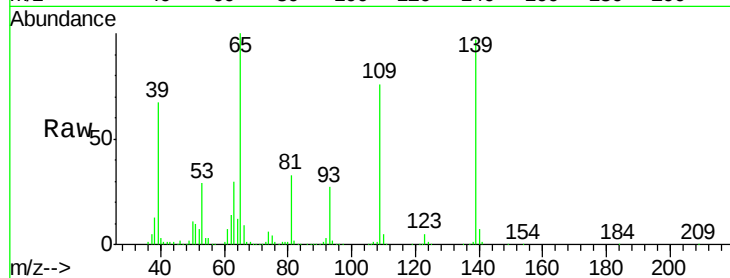
Tot Ion:139 Resp: 729555

Ion Ratio Lower Upper

139 100

109 78.8 58.5 98.5

65 103.4 57.6 97.6#



#56

2,4-Dinitrotoluene

Concen: 84.44 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Tgt Ion:165 Resp: 1026743

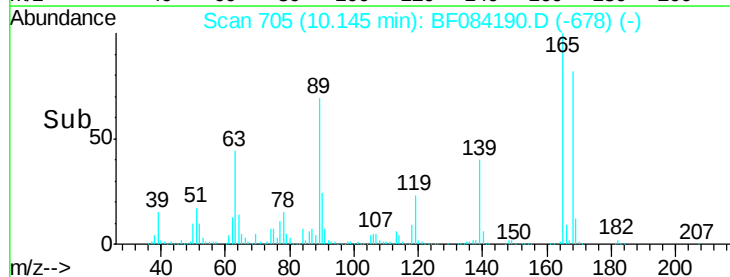
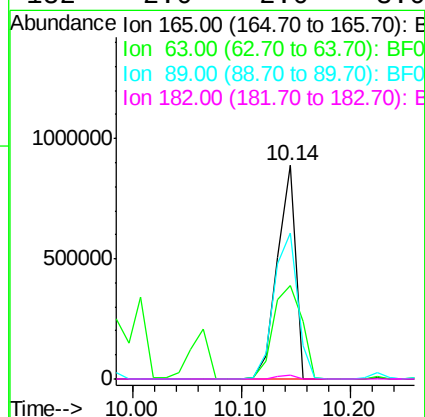
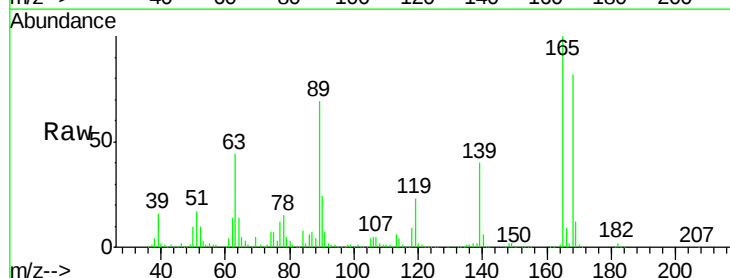
Ion Ratio Lower Upper

165 100

63 43.6 36.7 55.1

89 68.5 61.9 92.9

182 2.0 2.0 3.0#





#57

Fluorene

Concen: 54.07 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

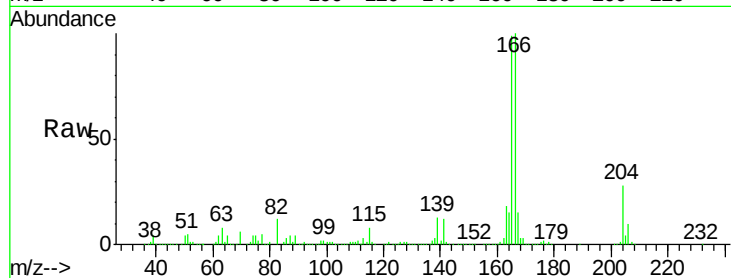
Tot Ion:166 Resp: 2376151

Ion Ratio Lower Upper

166 100

165 99.3 79.1 118.7

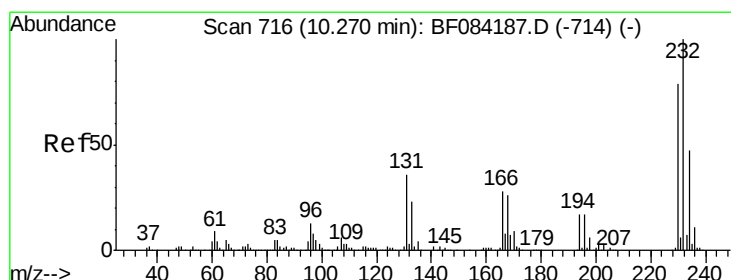
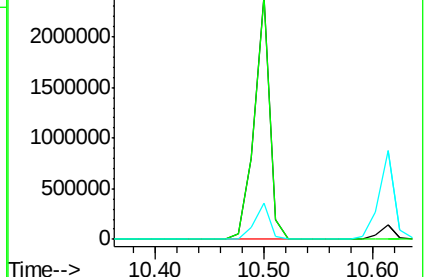
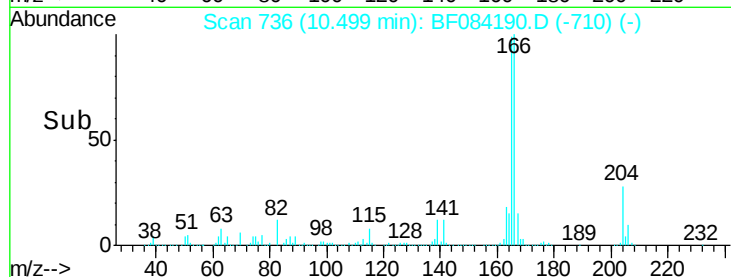
167 14.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 62.63 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Tgt Ion:232 Resp: 699866

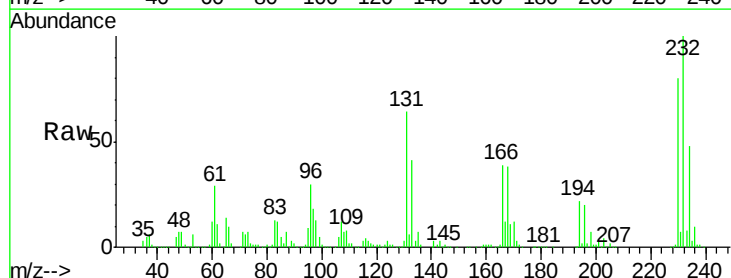
Ion Ratio Lower Upper

232 100

131 60.2 47.0 70.6

130 3.0 2.0 3.0#

166 37.1 30.5 45.7

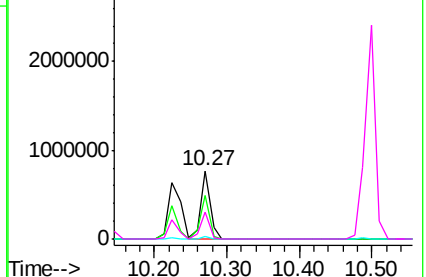
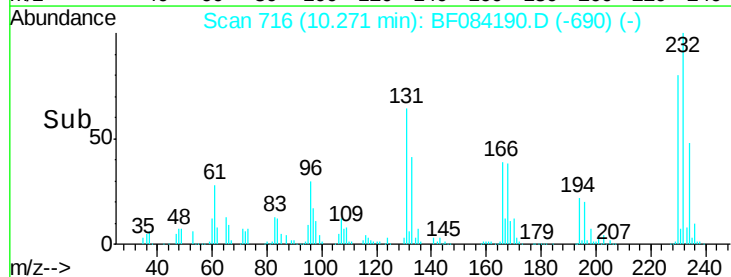


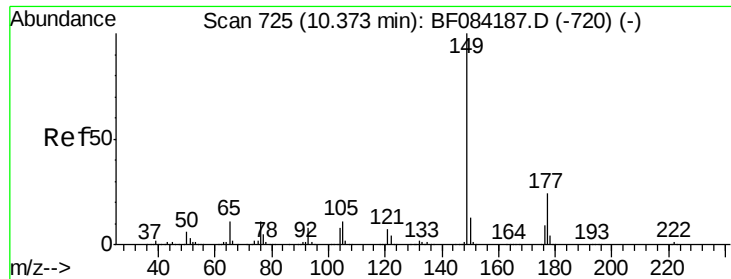
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

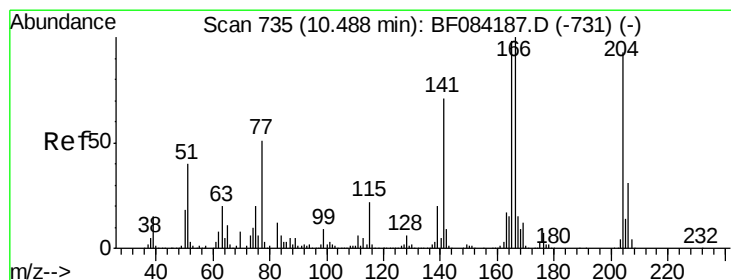
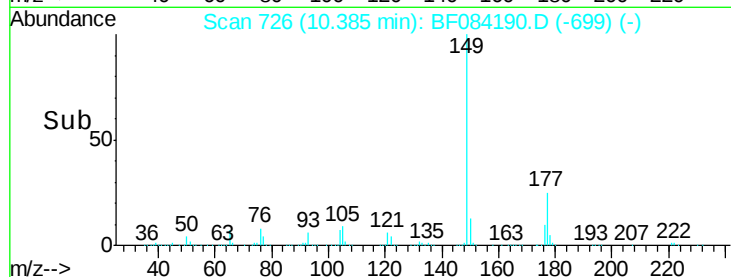
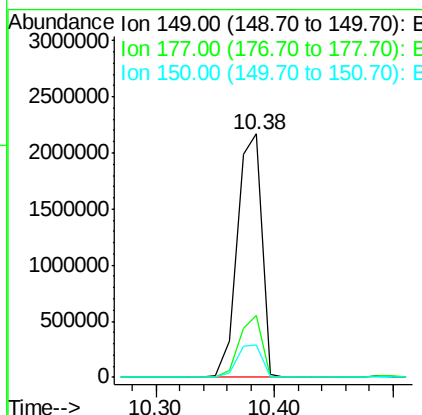
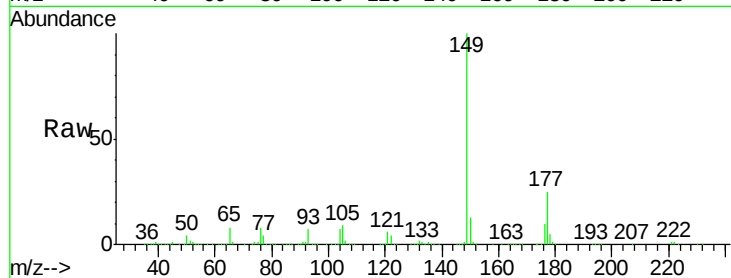




#59
Diethylphthalate
Concen: 65.17 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

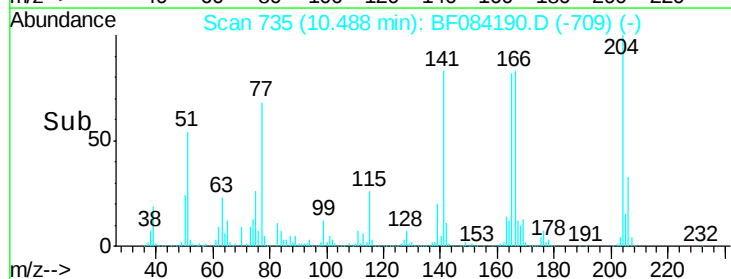
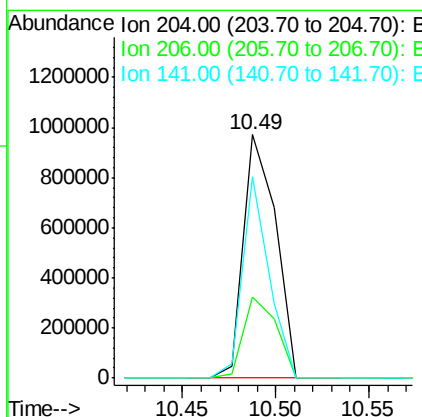
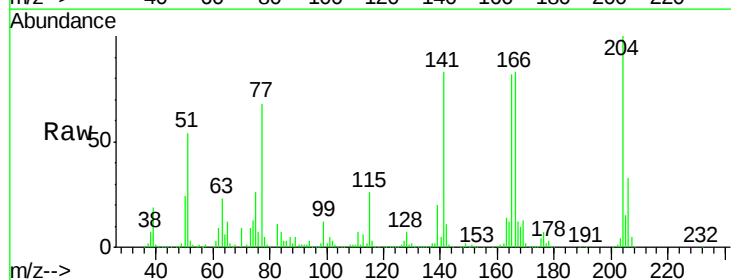
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

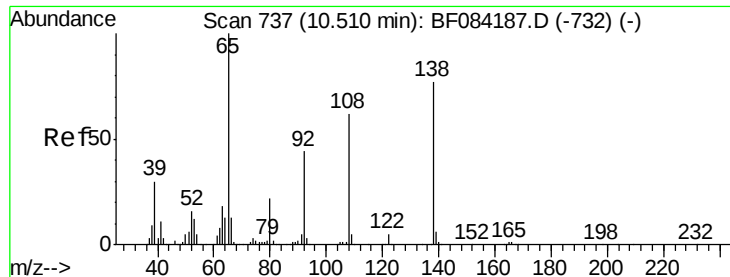
Tot Ion:149 Resp: 3102160
Ion Ratio Lower Upper
149 100
177 25.5 17.3 25.9
150 13.3 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 59.73 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion:204 Resp: 1165808
Ion Ratio Lower Upper
204 100
206 33.4 25.7 38.5
141 82.7 55.1 82.7#

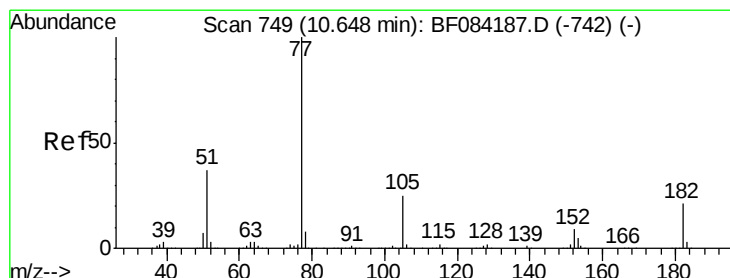
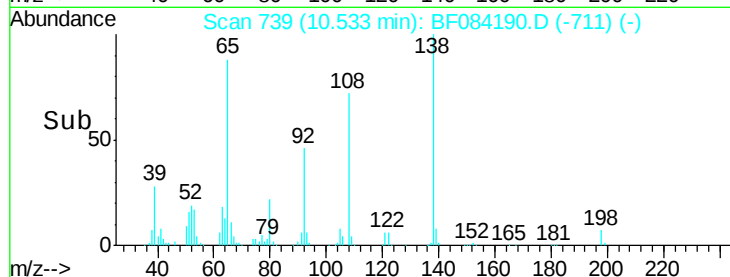
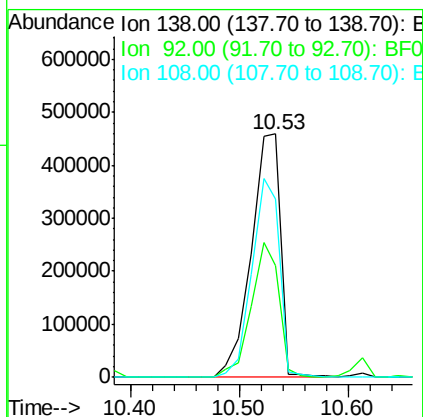
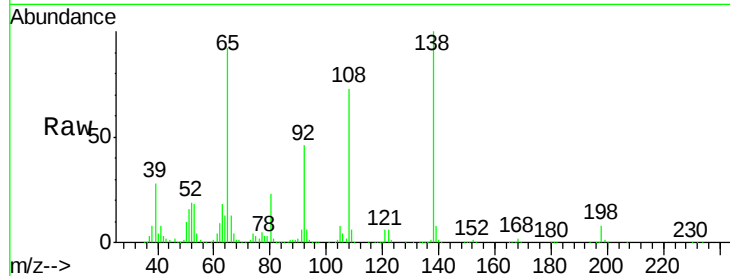




#61
4-Nitroaniline
Concen: 83.06 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.02 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

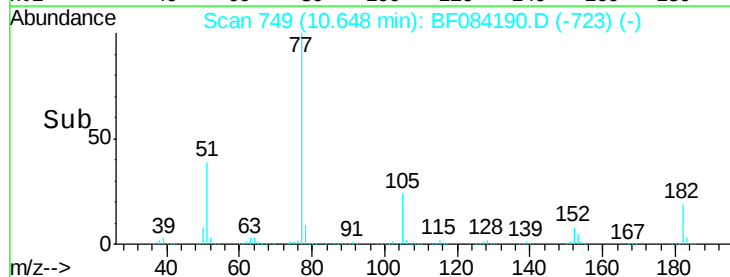
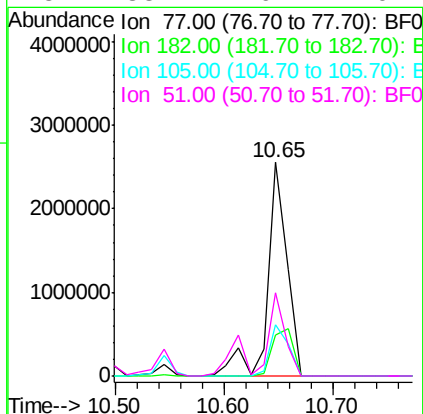
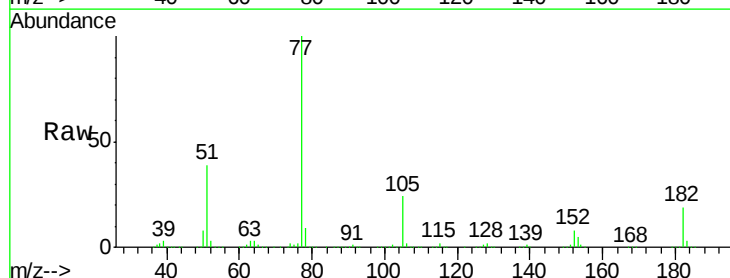
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

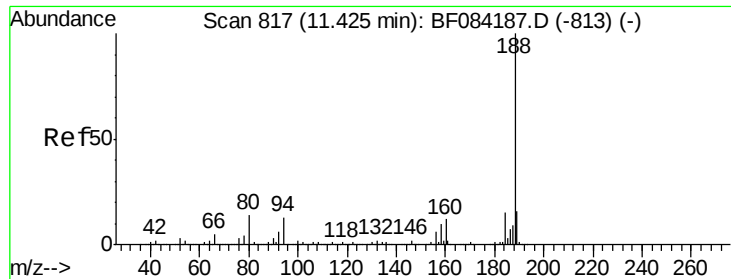
Tot Ion:138 Resp: 868483
Ion Ratio Lower Upper
138 100
92 45.8 32.6 72.6
108 73.2 68.6 108.6



#62
Azobenzene
Concen: 64.12 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion: 77 Resp: 3182691
Ion Ratio Lower Upper
77 100
182 19.2 8.3 48.3
105 23.9 4.6 44.6
51 38.7 6.2 46.2

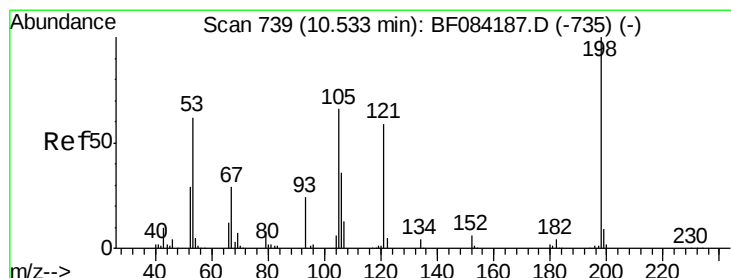
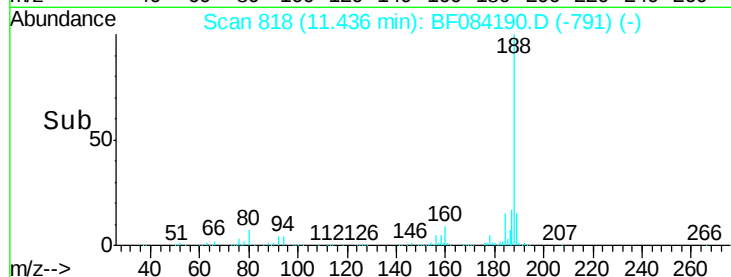
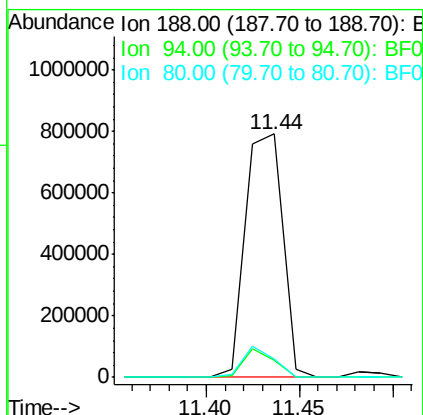
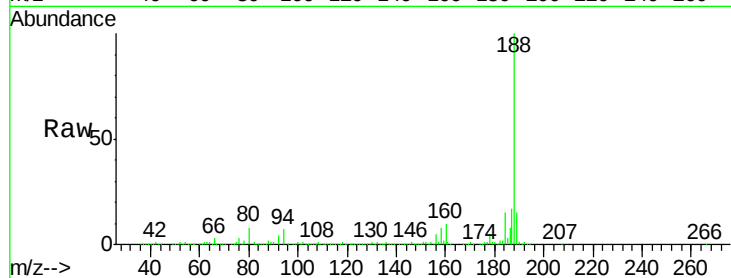




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

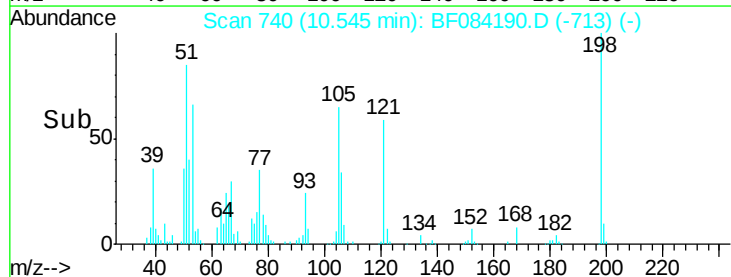
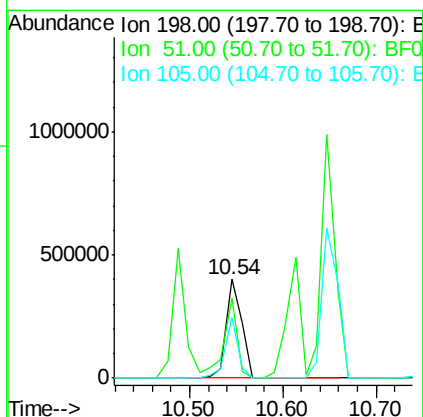
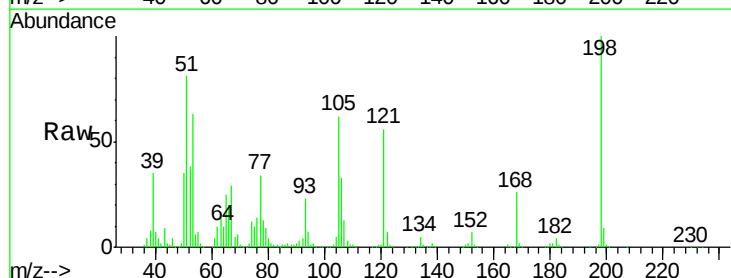
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

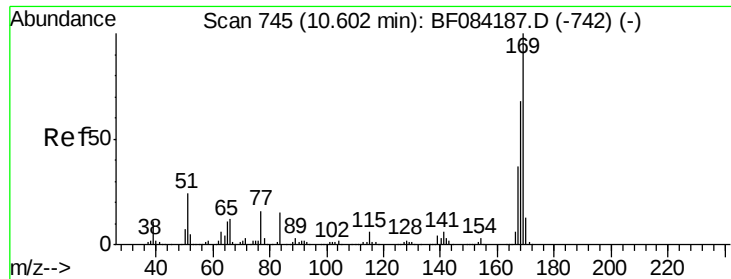
Tot Ion:188 Resp: 1103134
Ion Ratio Lower Upper
188 100
94 7.1 9.0 13.4#
80 7.5 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 89.57 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion:198 Resp: 466467
Ion Ratio Lower Upper
198 100
51 80.8 18.9 58.9#
105 62.0 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 59.87 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

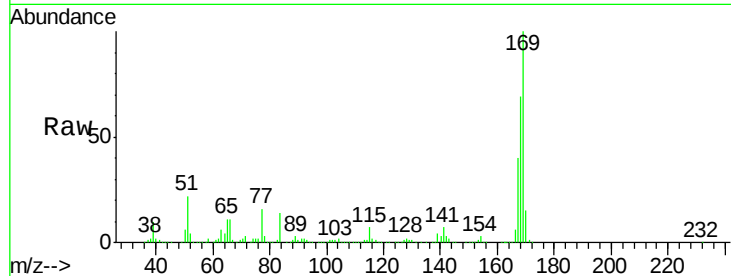
Tot Ion:169 Resp: 2214926

Ion Ratio Lower Upper

169 100

168 69.1 55.1 82.7

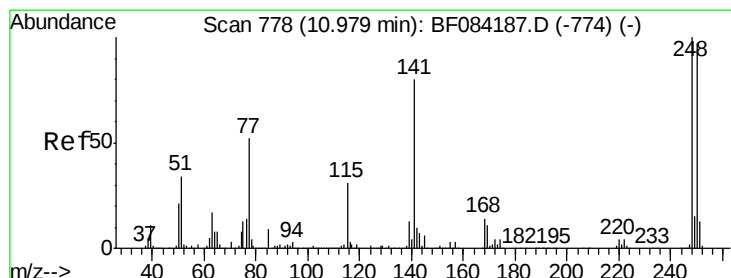
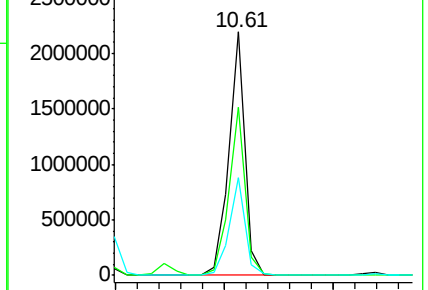
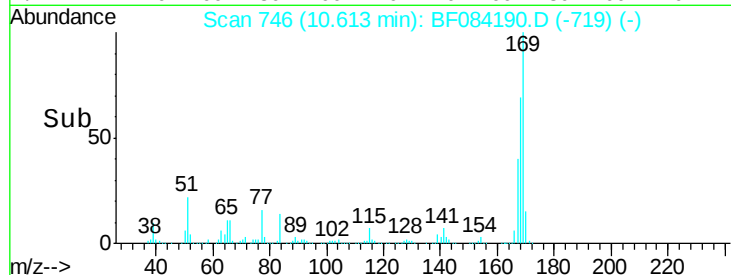
167 40.0 30.0 45.0



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: 62.18 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

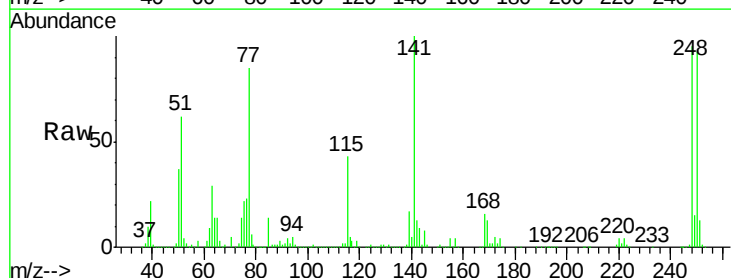
Tgt Ion:248 Resp: 778057

Ion Ratio Lower Upper

248 100

250 98.1 78.4 117.6

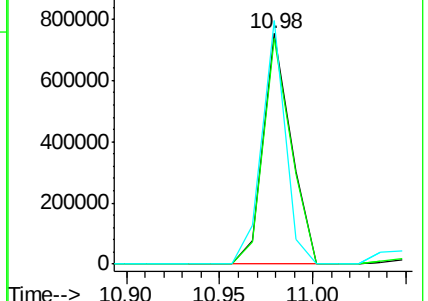
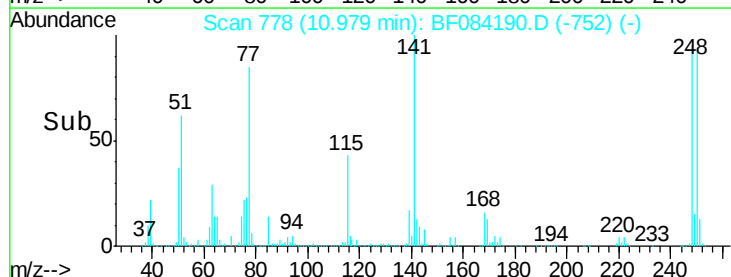
141 105.6 44.0 66.0#

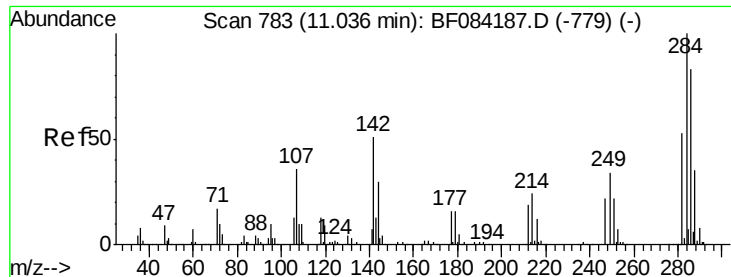


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

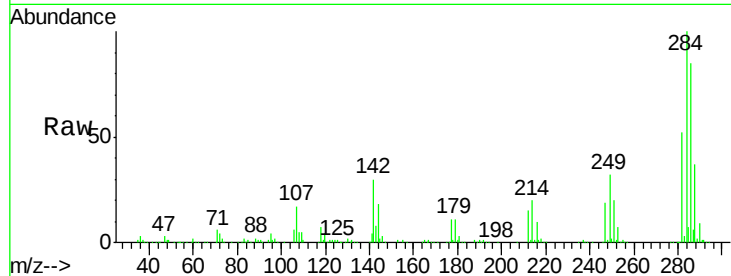




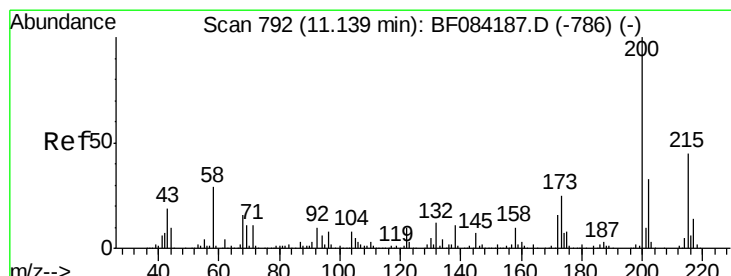
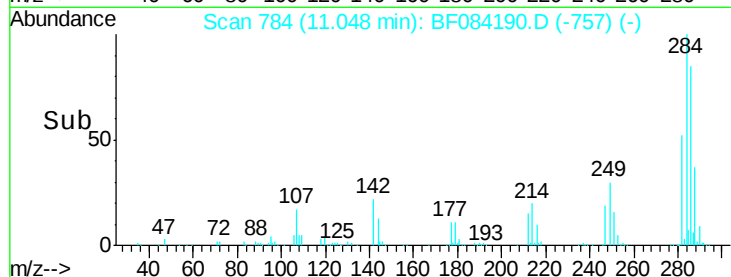
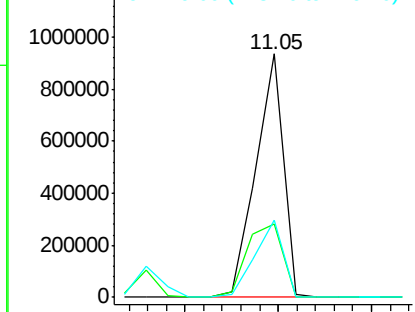
#67
Hexachlorobenzene
Concen: 68.97 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:284 Resp: 951105
Ion Ratio Lower Upper
284 100
142 29.9 22.2 33.4
249 31.7 24.6 37.0

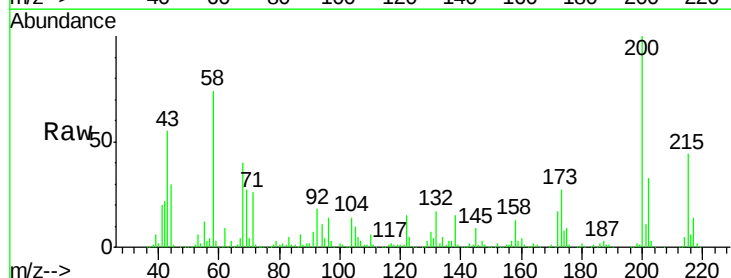


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

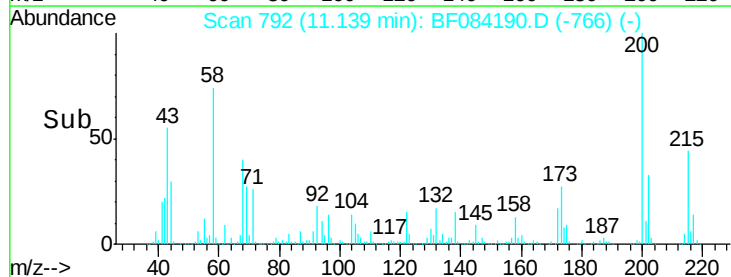
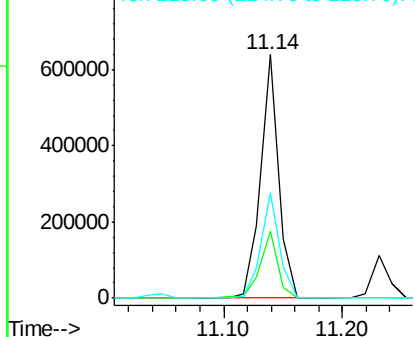


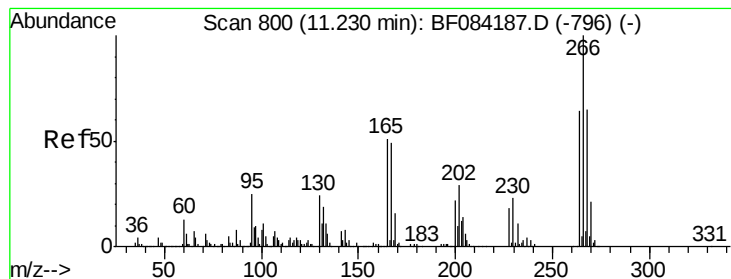
#68
Atrazine
Concen: 55.59 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion:200 Resp: 686181
Ion Ratio Lower Upper
200 100
173 27.4 9.5 49.5
215 43.5 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: 84.17 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

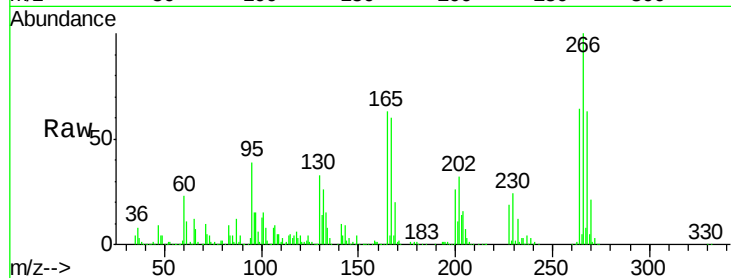
Tot Ion:266 Resp: 528032

Ion Ratio Lower Upper

266 100

268 63.1 52.4 78.6

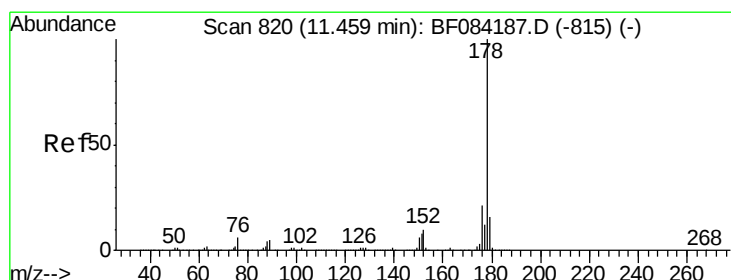
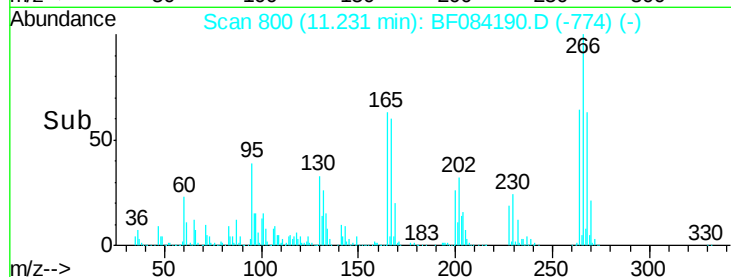
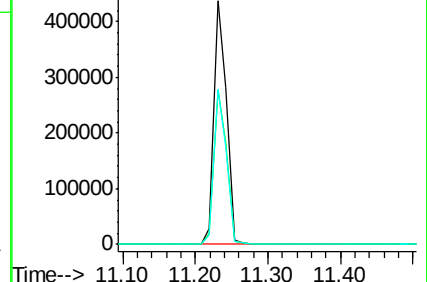
264 63.8 50.2 75.2



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: 62.70 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.06 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

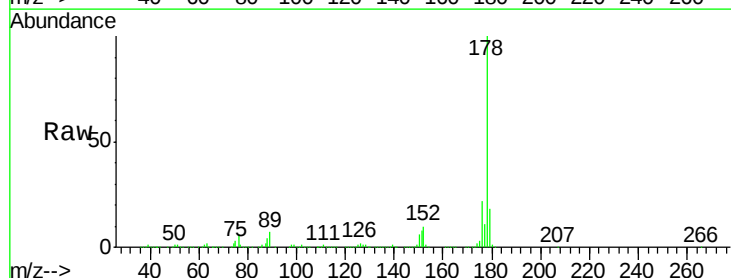
Tgt Ion:178 Resp: 4125783

Ion Ratio Lower Upper

178 100

176 21.9 15.3 22.9

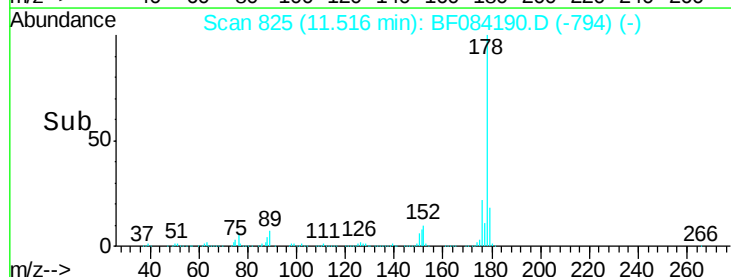
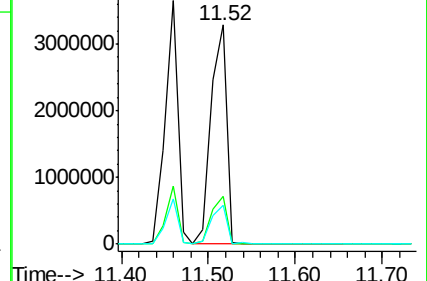
179 17.7 12.0 18.0

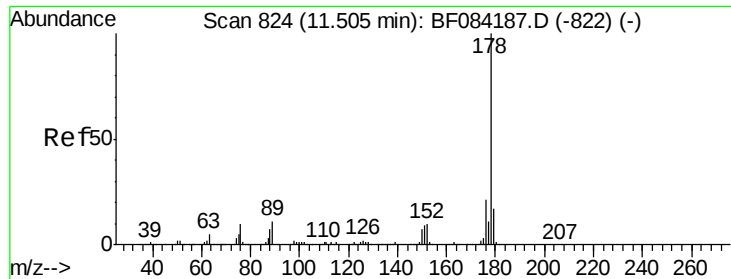


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

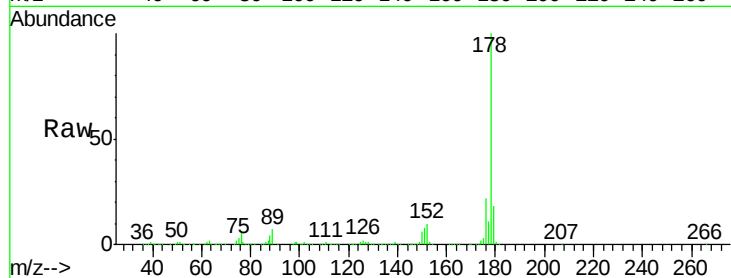




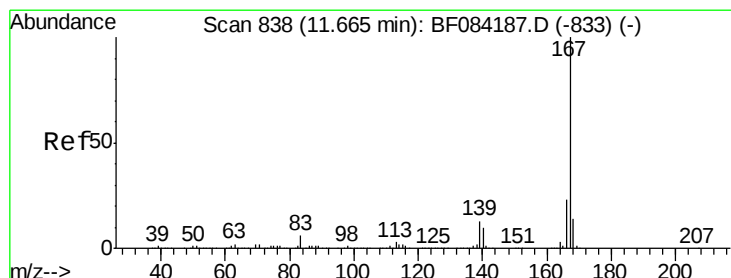
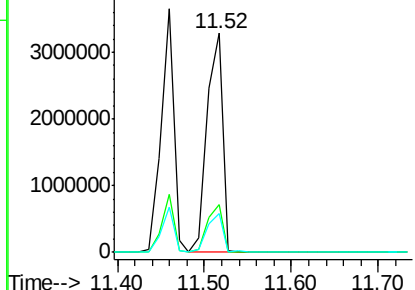
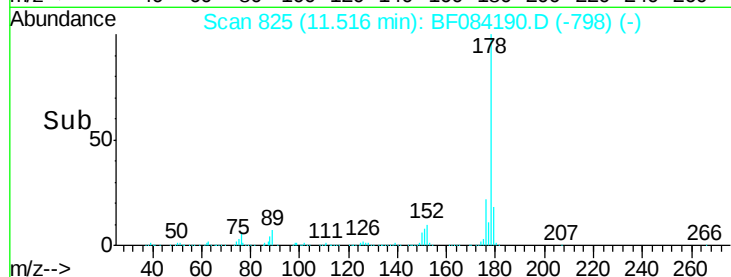
#71
 Anthracene
 Concen: 66.63 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:178 Resp: 4125783
 Ion Ratio Lower Upper
 178 100
 176 21.9 15.4 23.0
 179 17.7 12.5 18.7

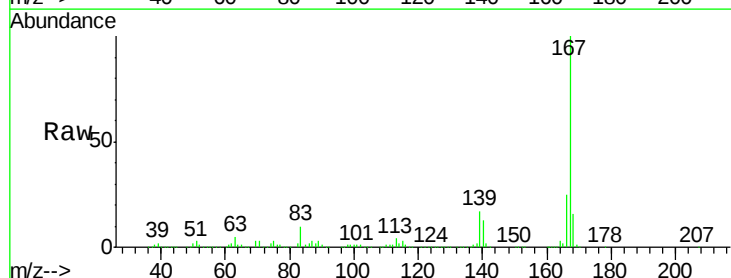


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

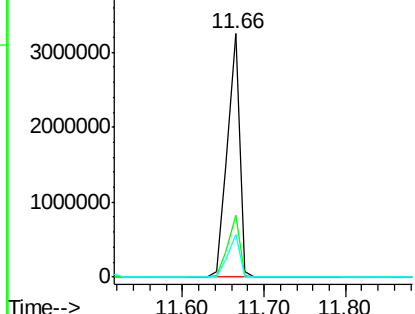
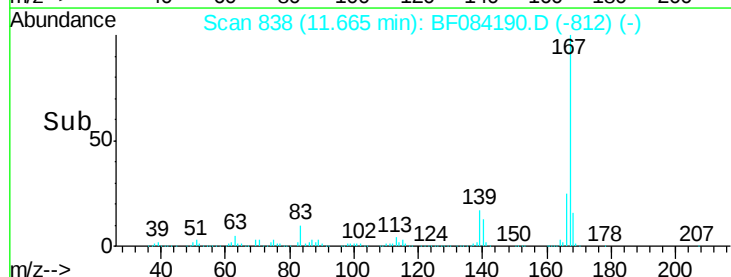


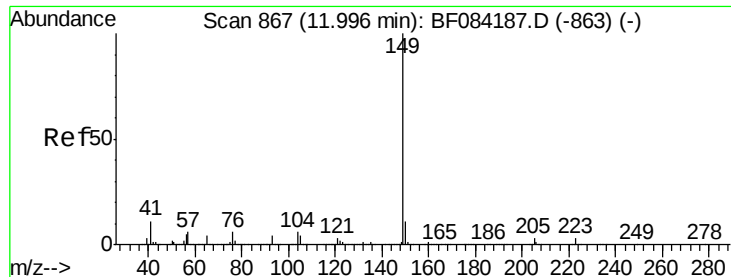
#72
 Carbazole
 Concen: 57.03 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

Tgt Ion:167 Resp: 3354227
 Ion Ratio Lower Upper
 167 100
 166 25.2 17.6 26.4
 139 17.3 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: 57.82 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

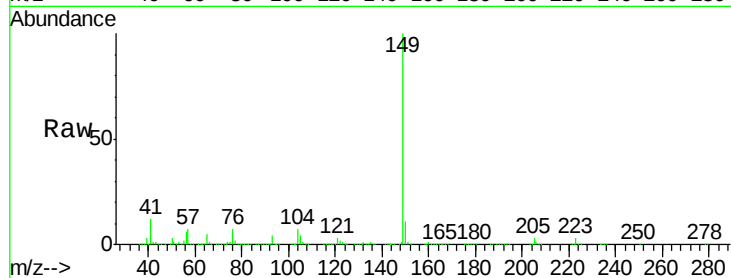
Tot Ion:149 Resp: 3963020

Ion Ratio Lower Upper

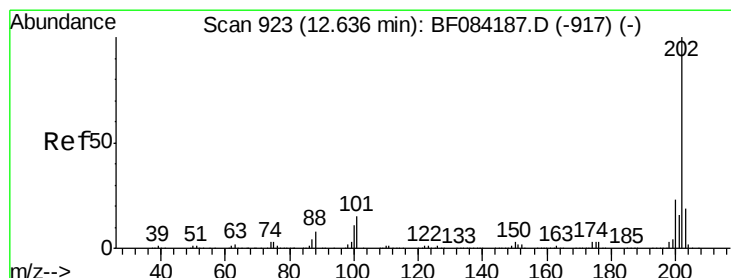
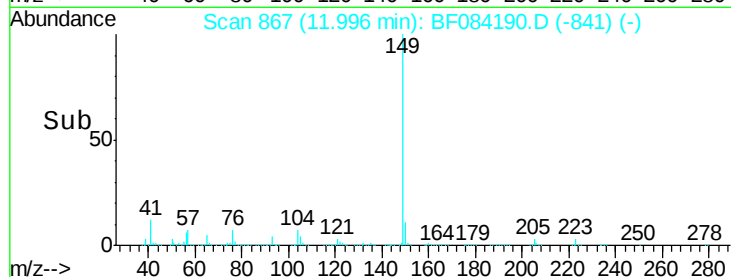
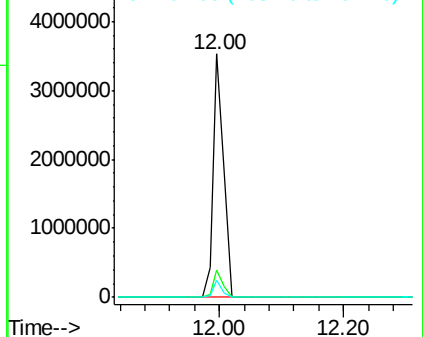
149 100

150 11.4 7.1 10.7#

104 7.1 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: 62.66 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

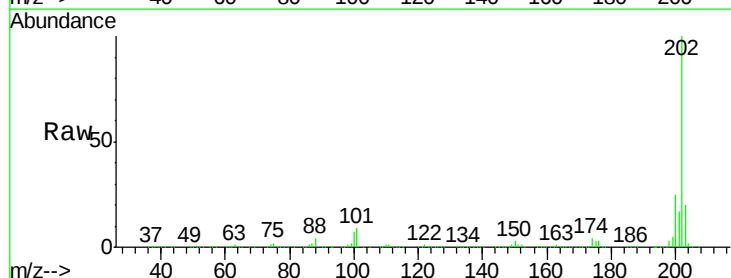
Tgt Ion:202 Resp: 3971223

Ion Ratio Lower Upper

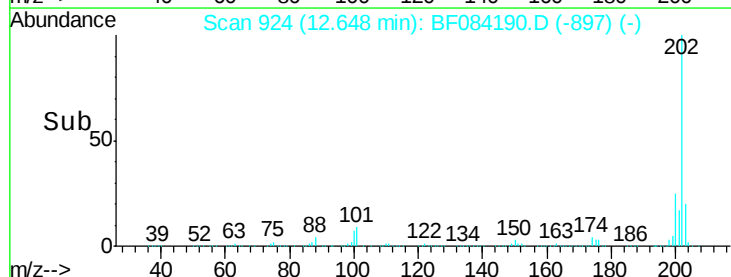
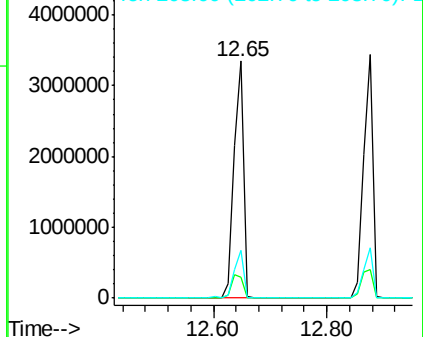
202 100

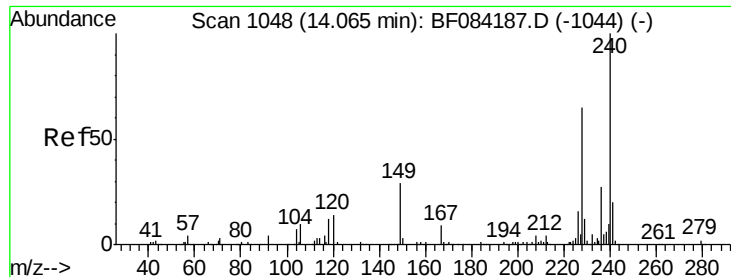
101 9.1 0.0 32.8

203 20.1 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: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

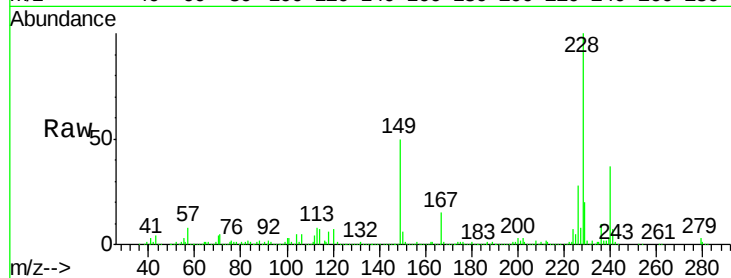
Tot Ion:240 Resp: 578793

Ion Ratio Lower Upper

240 100

120 17.8 9.5 14.3#

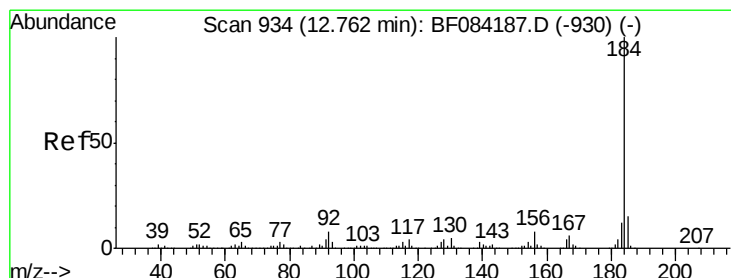
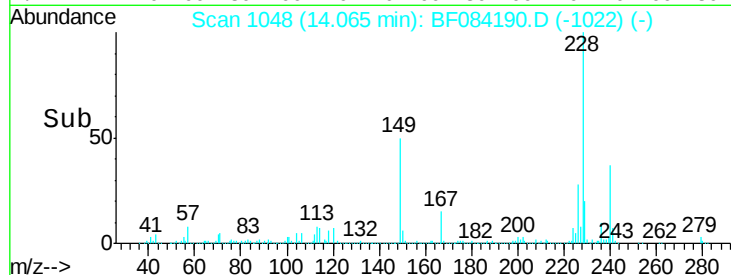
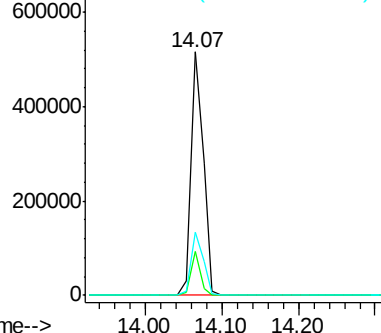
236 26.1 20.6 31.0



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: 65.01 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

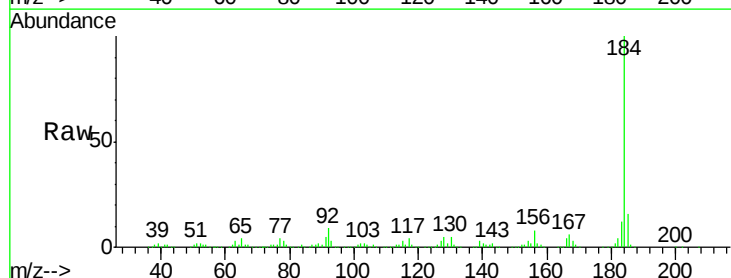
Tgt Ion:184 Resp: 1413150

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.2

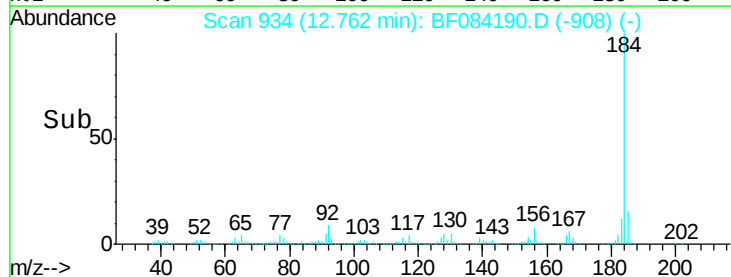
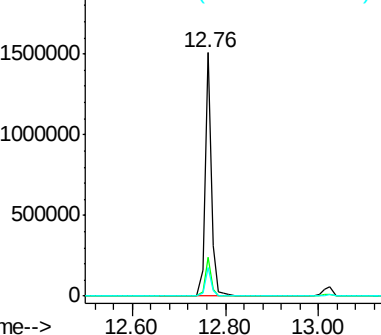
183 11.9 9.8 14.8

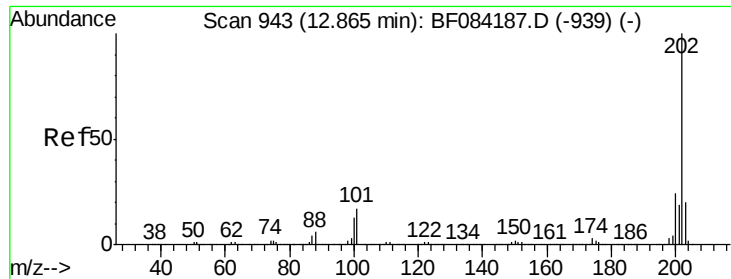


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

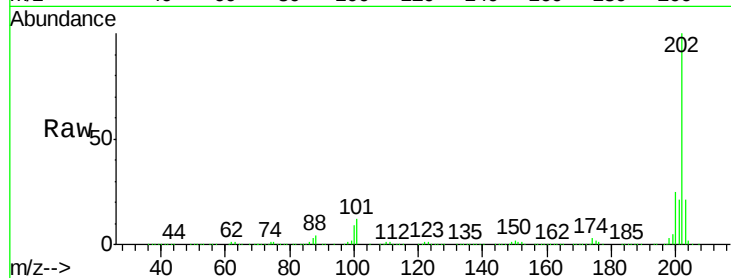




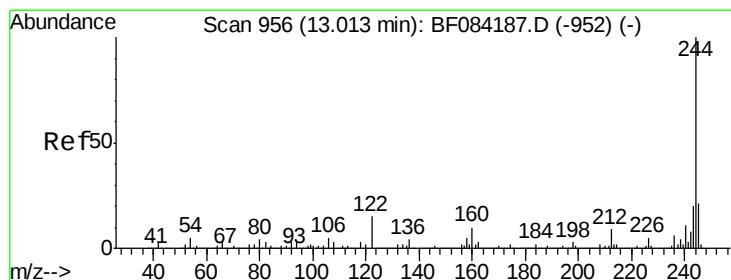
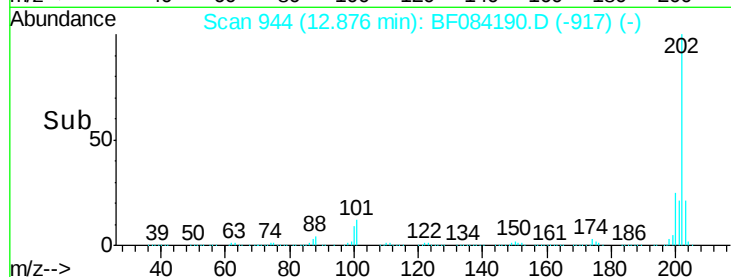
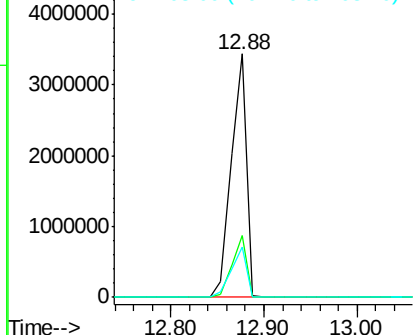
#77
Pvrene
Concen: 88.75 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:202 Resp: 3943455
Ion Ratio Lower Upper
202 100
200 25.4 17.2 25.8
203 20.7 14.3 21.5

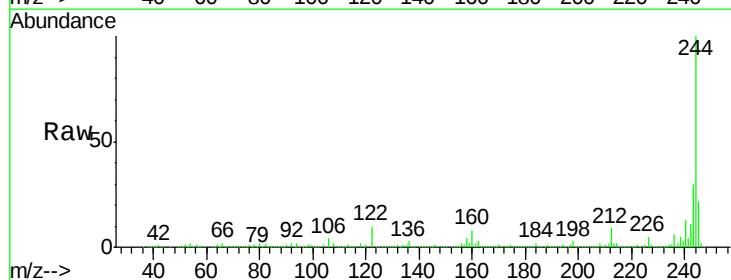


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

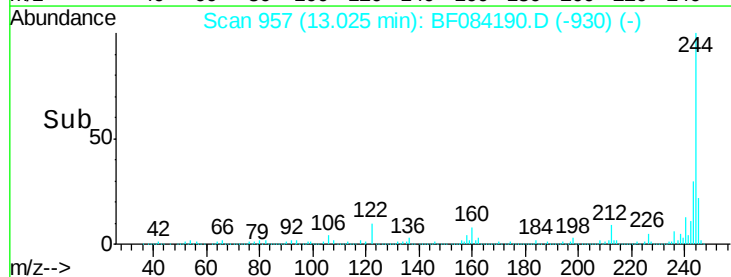
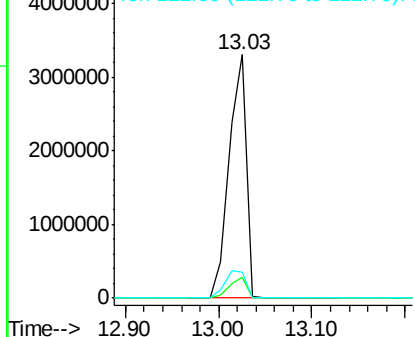


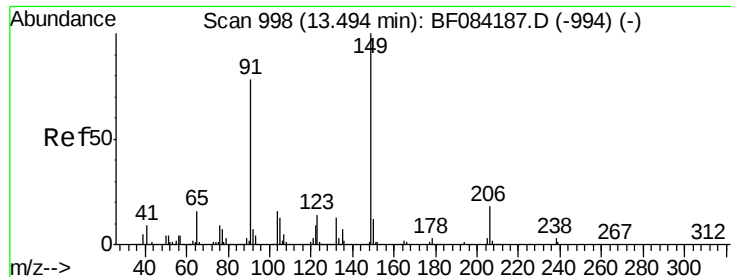
#78
Terphenyl-d14
Concen: 82.95 ng
RT: 13.03 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion:244 Resp: 4289435
Ion Ratio Lower Upper
244 100
212 8.7 5.7 8.5#
122 10.5 7.4 11.0



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

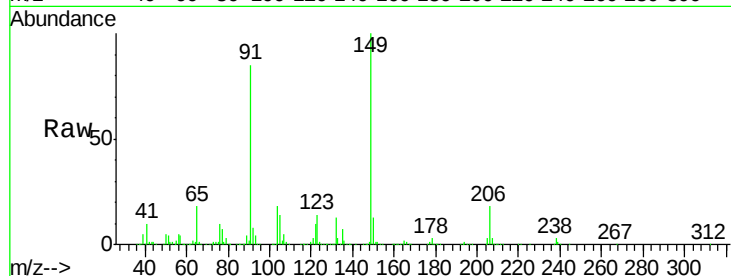




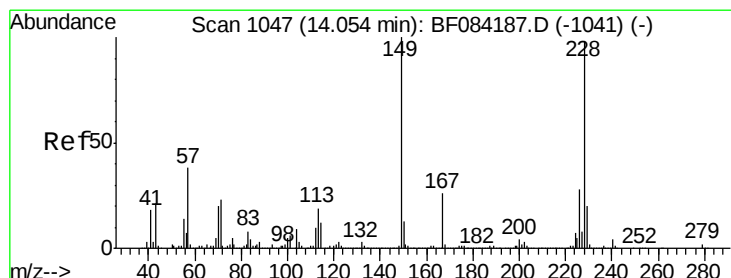
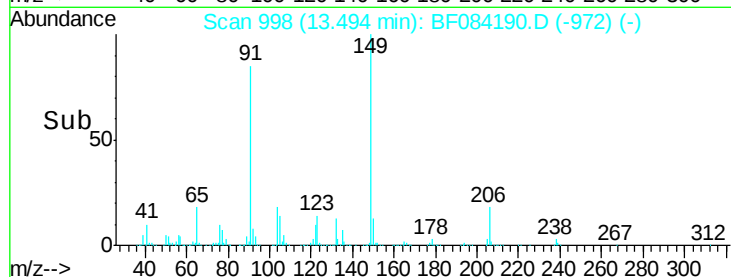
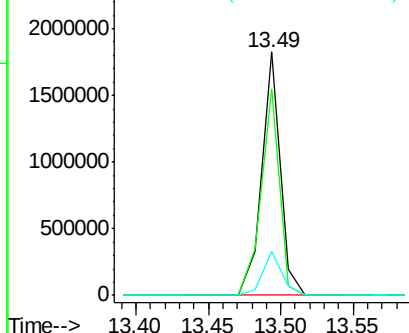
#79
Butylbenzylphthalate
Concen: 83.52 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 1623467
Ion Ratio Lower Upper
149 100
91 84.9 57.6 86.4
206 17.9 13.2 19.8

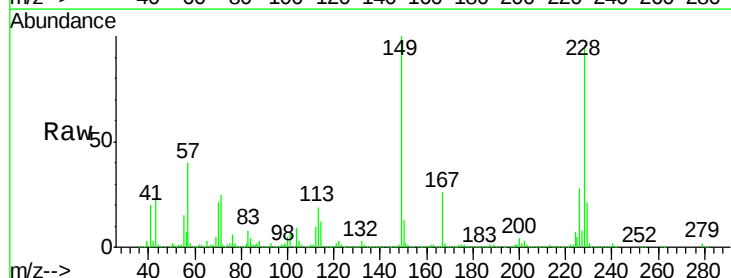


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

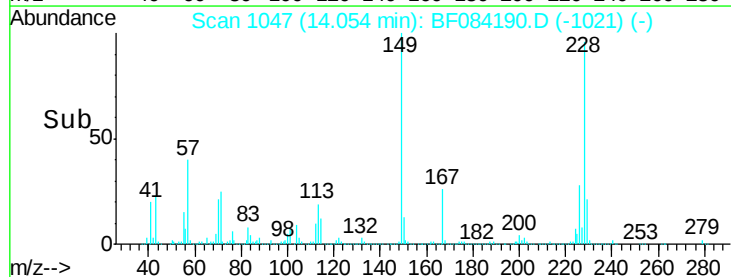
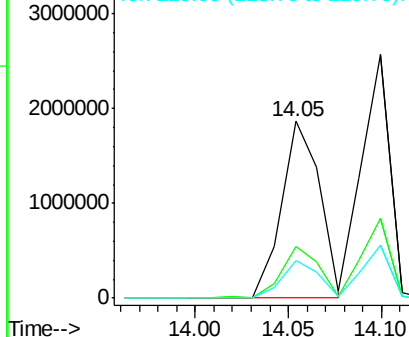


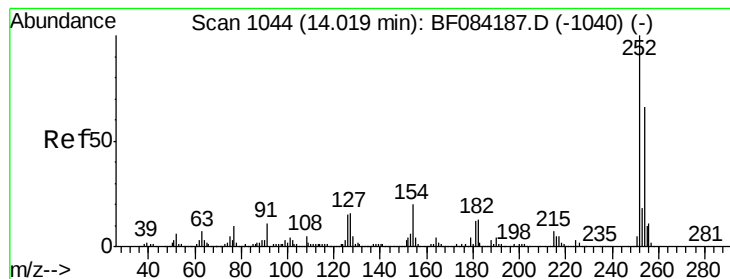
#80
Benzo(a)anthracene
Concen: 76.73 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion:228 Resp: 2653155
Ion Ratio Lower Upper
228 100
226 29.2 21.8 32.6
229 21.3 15.8 23.8



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

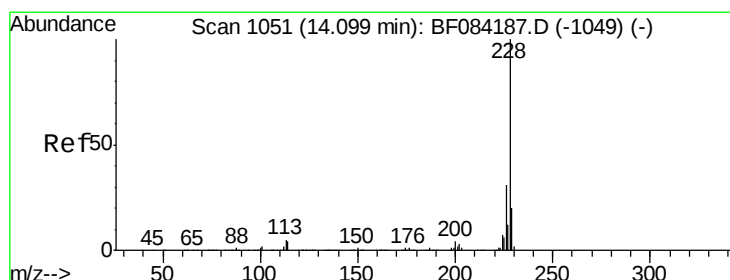
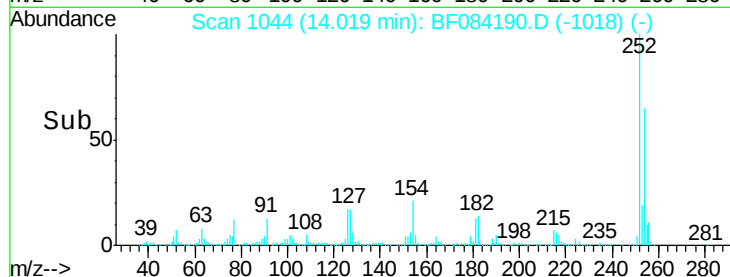
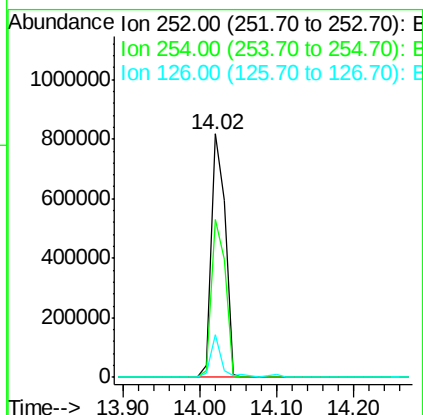
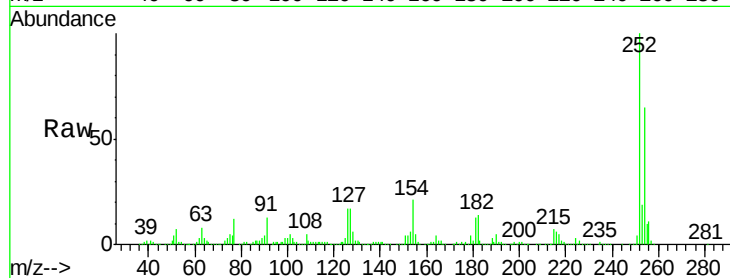




#81
 3,3'-Dichlorobenzidine
 Concen: 85.77 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

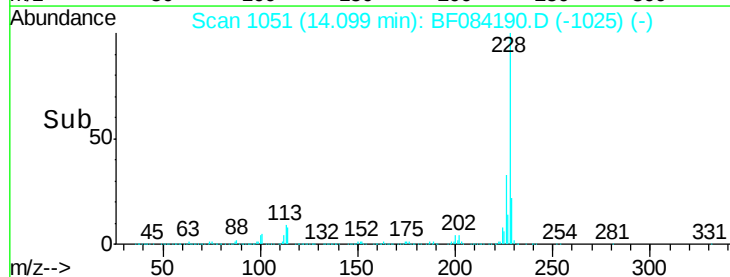
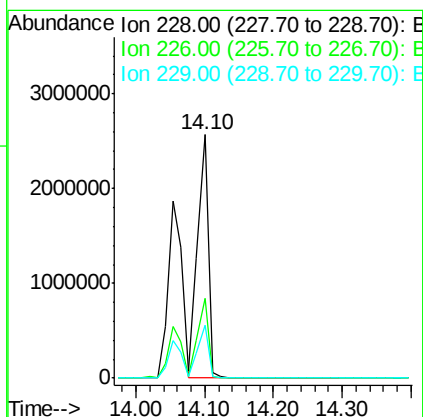
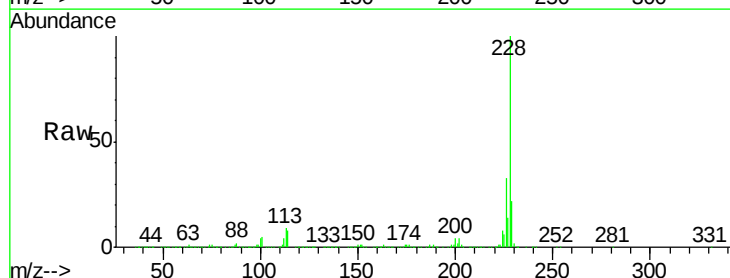
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

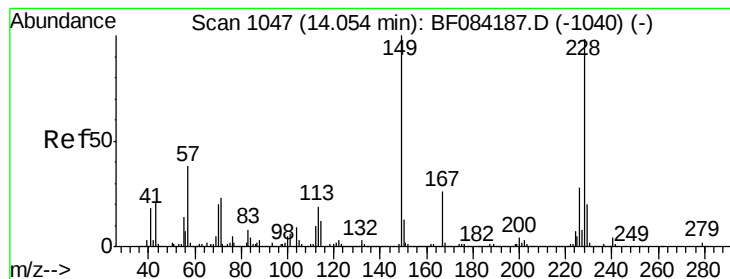
Tot Ion:252 Resp: 1007829
 Ion Ratio Lower Upper
 252 100
 254 64.9 53.5 80.3
 126 17.3 4.9 7.3#



#82
 Chrysene
 Concen: 83.98 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF084190.D
 Acq: 31 Dec 2015 12:06

Tgt Ion:228 Resp: 2707239
 Ion Ratio Lower Upper
 228 100
 226 32.7 24.3 36.5
 229 21.8 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 76.77 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

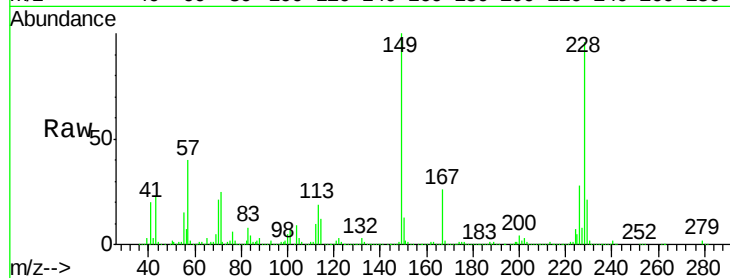
Tot Ion:149 Resp: 1938234

Ion Ratio Lower Upper

149 100

167 25.9 19.7 29.5

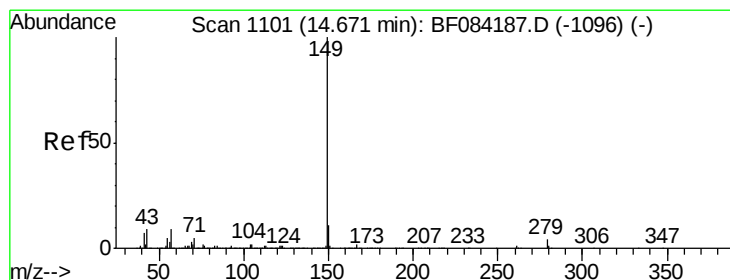
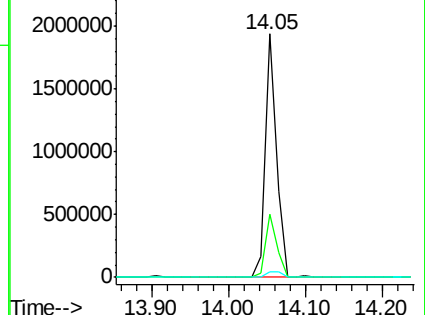
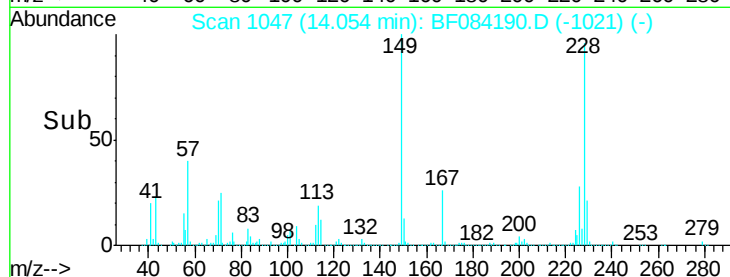
279 2.1 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 79.11 ng

RT: 14.67 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

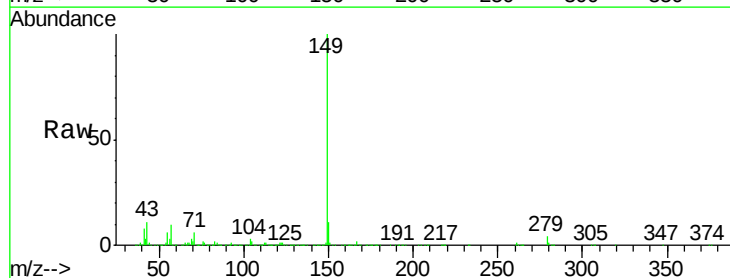
Tgt Ion:149 Resp: 3332770

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

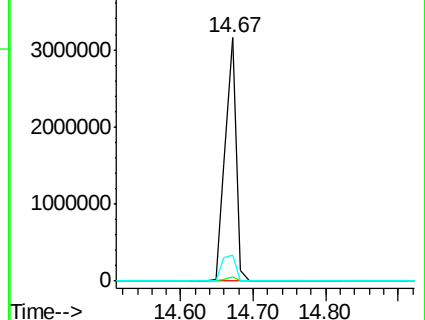
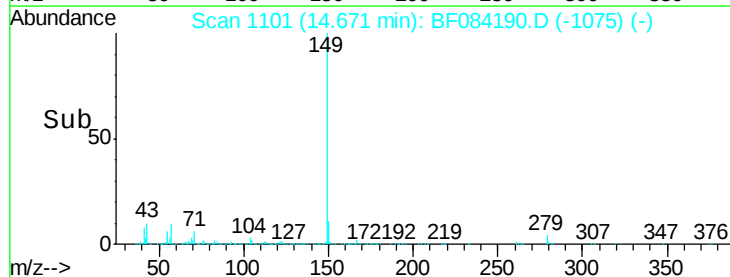
43 13.4 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 114.14 ng

RT: 16.93 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

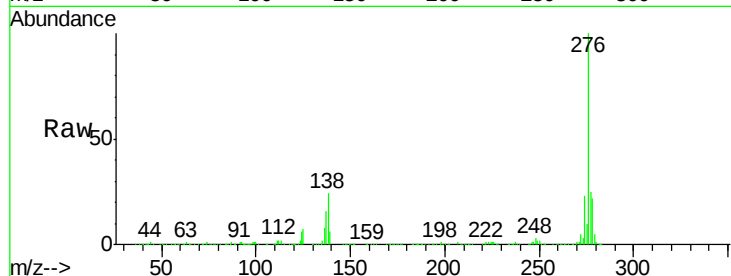
Tot Ion:276 Resp: 2868263

Ion Ratio Lower Upper

276 100

138 25.9 20.6 30.8

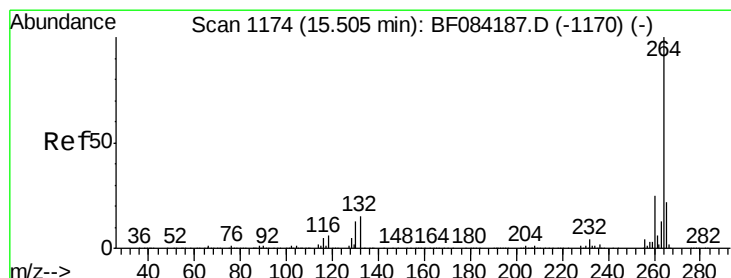
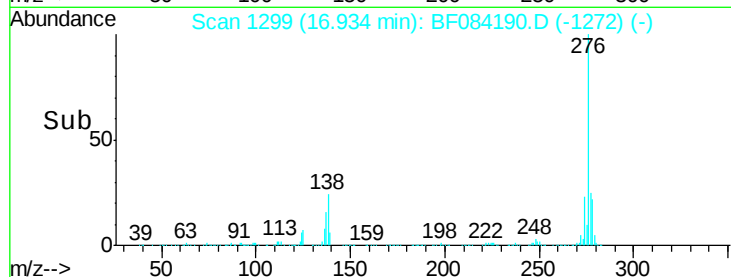
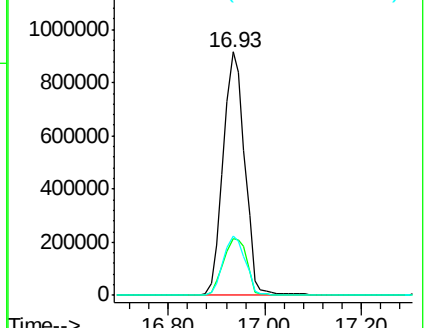
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

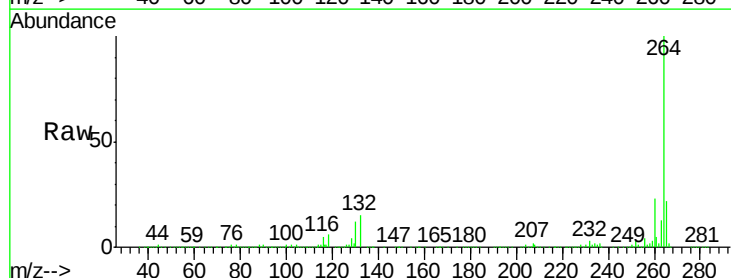
Tgt Ion:264 Resp: 567593

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

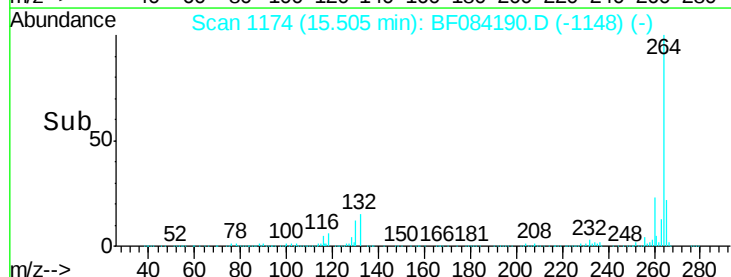
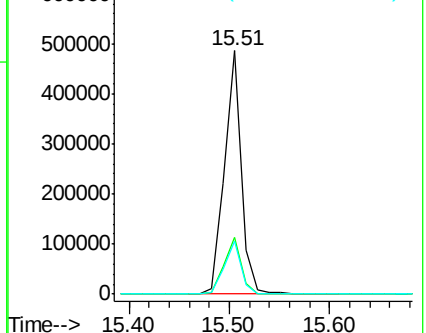
265 21.7 17.8 26.6

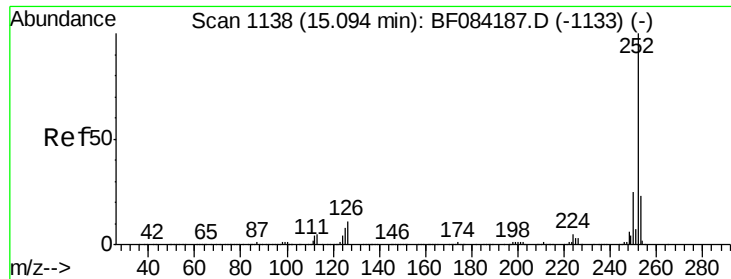


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

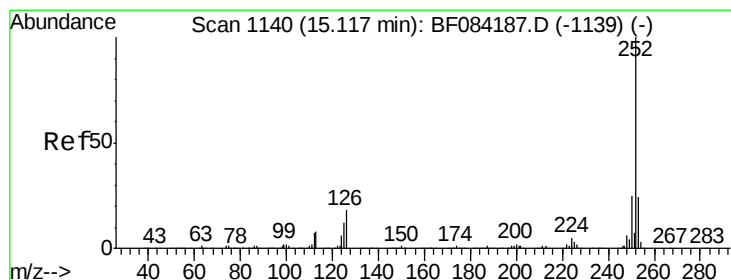
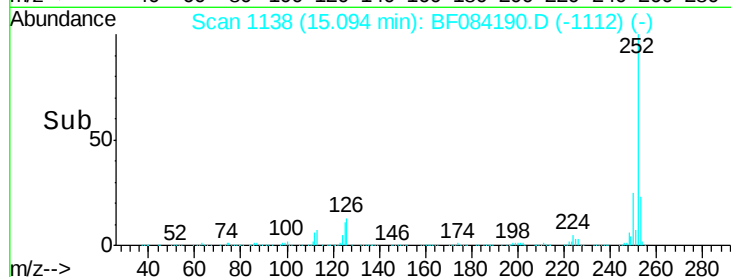
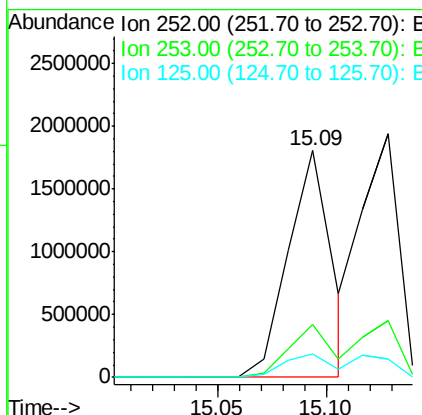
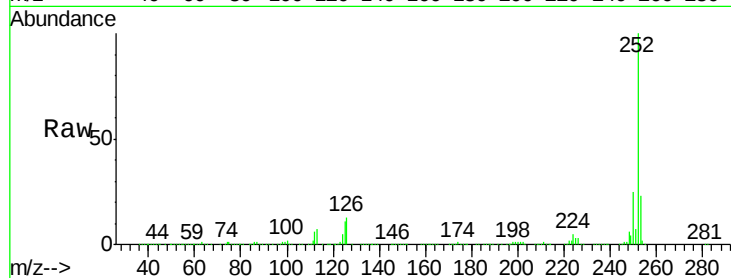




#87
Benzo(b)fluoranthene
Concen: 64.25 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

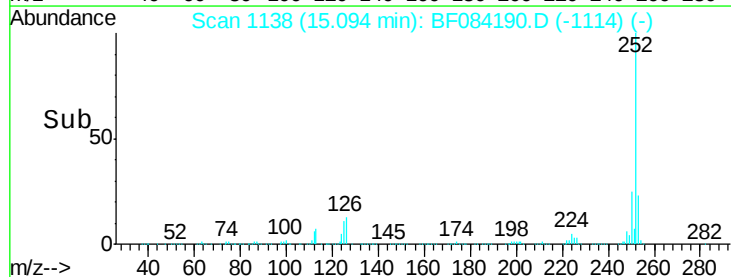
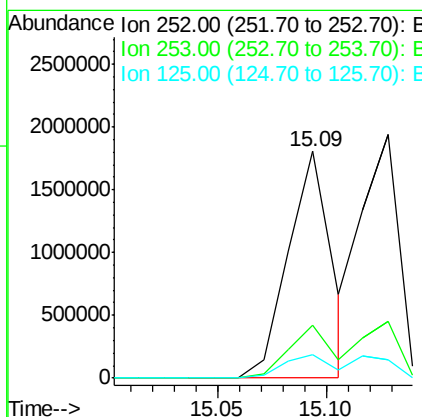
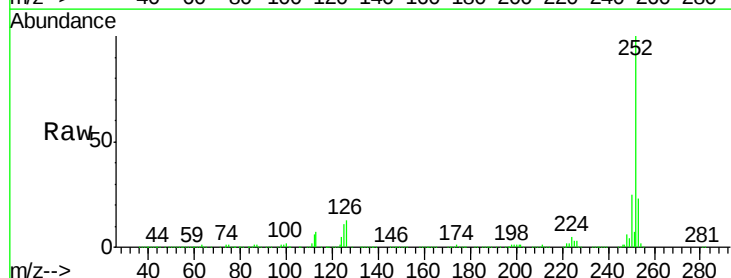
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

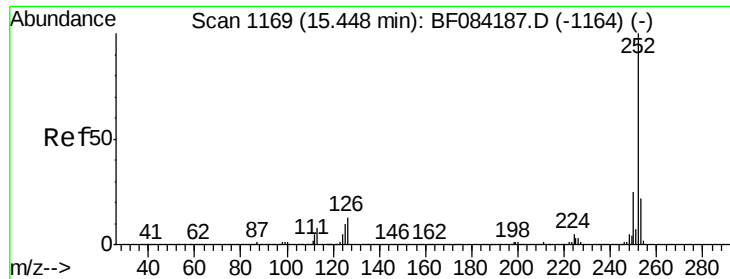
Tot Ion:252 Resp: 2493699
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 10.5 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 81.16 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF084190.D
Acq: 31 Dec 2015 12:06

Tgt Ion:252 Resp: 2493699
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 10.5 9.0 13.6





#89

Benzo(a)pyrene

Concen: 71.80 ng

RT: 15.45 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

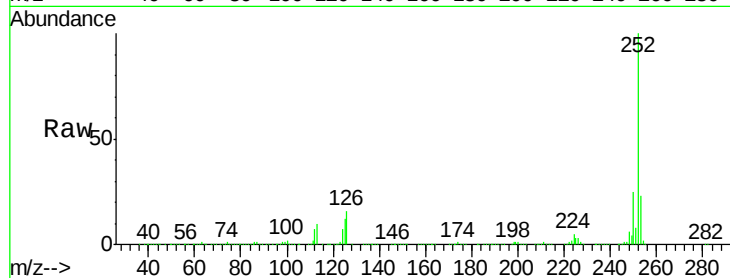
Tot Ion:252 Resp: 2310537

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

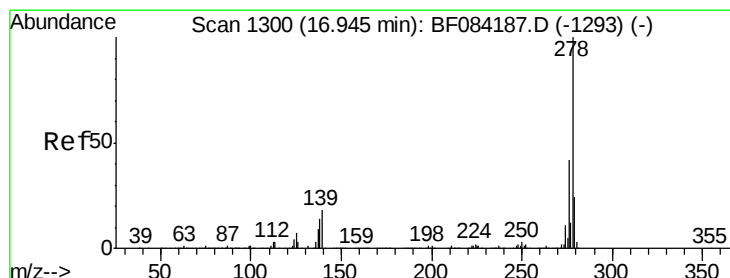
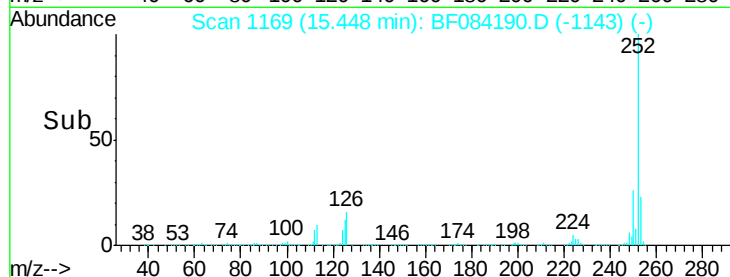
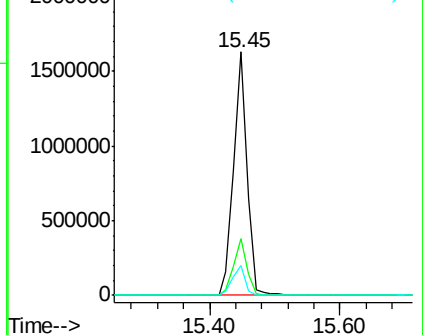
125 12.3 7.0 10.4#



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: 86.40 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

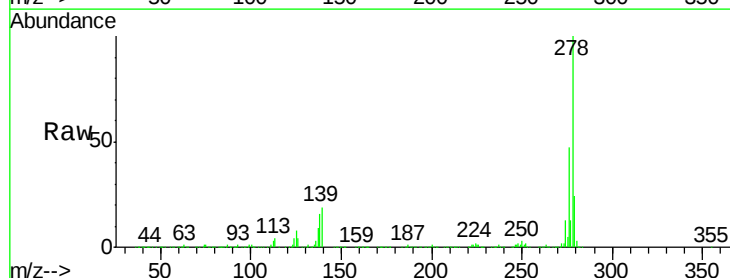
Tgt Ion:278 Resp: 2296167

Ion Ratio Lower Upper

278 100

139 18.5 15.0 22.4

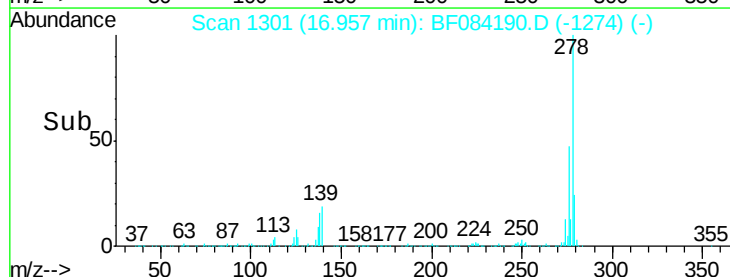
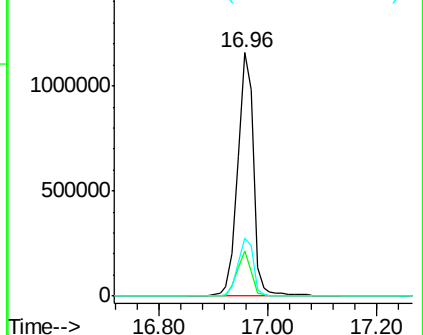
279 23.9 18.9 28.3

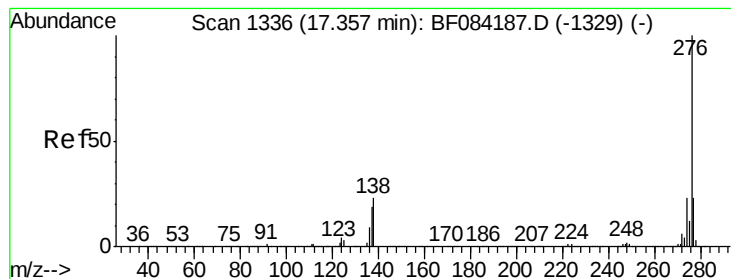


Abundance Ion 278.00 (277.70 to 278.70): E

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: 90.91 ng

RT: 17.38 min Scan# 1338

Delta R.T. 0.02 min

Lab File: BF084190.D

Acq: 31 Dec 2015 12:06

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

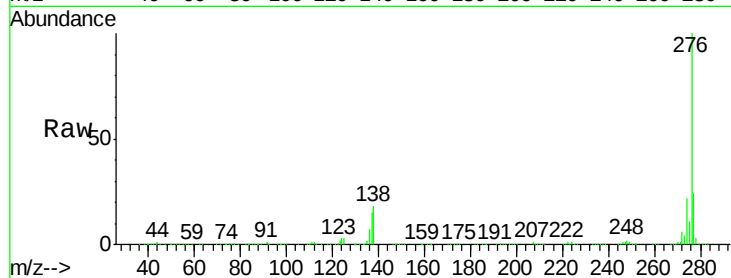
Tot Ion:276 Resp: 2460919

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 17.8 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

