

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084447.D
 Acq On : 13 Jan 2016 17:54
 Operator : SJ/UM
 Sample : PB87794BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87794BS

Quant Time: Jan 14 11:11:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	285832	20.00	ng	-0.07
21) Naphthalene-d8	8.12	136	1251749	20.00	ng	-0.07
38) Acenaphthene-d10	9.87	164	579612	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	1077633	20.00	ng	-0.07
75) Chrysene-d12	14.00	240	912001	20.00	ng	-0.07
86) Perylene-d12	15.41	264	691279	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1695704	95.96	ng	-0.04
7) Phenol-d6	6.48	99	2245212	101.16	ng	-0.06
23) Nitrobenzene-d5	7.40	82	1374650	61.12	ng	-0.07
41) 2,4,6-Tribromophenol	10.67	330	571098	97.60	ng	-0.07
44) 2-Fluorobiphenyl	9.20	172	2172091	64.39	ng	-0.07
78) Terphenyl-d14	12.95	244	2167586	53.05	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	264927	31.65	ng	# 78
3) Pyridine	3.23	79	752978	32.26	ng	# 78
4) n-Nitrosodimethylamine	3.17	42	353592	29.51	ng	# 90
6) Aniline	6.50	93	469052	14.45	ng	# 43
8) 2-Chlorophenol	6.62	128	737339	36.78	ng	97
9) Benzaldehyde	6.37	77	157008	10.86	ng	91
10) Phenol	6.50	94	829748	32.88	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	716664	36.66	ng	97
12) 1,3-Dichlorobenzene	6.85	146	750319	36.28	ng	98
13) 1,4-Dichlorobenzene	6.85	146	750319	36.18	ng	93
14) 1,2-Dichlorobenzene	7.00	146	640359	32.24	ng	97
15) Benzyl Alcohol	6.98	79	564753	30.25	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1103891	31.01	ng	86
17) 2-Methylphenol	7.10	107	628717	37.42	ng	96
18) Hexachloroethane	7.34	117	279759	33.73	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	484595	32.25	ng	# 76
20) 3+4-Methylphenols	7.25	107	707375	35.81	ng	# 71
22) Acetophenone	7.24	105	942427	31.31	ng	96
24) Nitrobenzene	7.42	77	748640	32.82	ng	# 85
25) Isophorone	7.66	82	1405485	32.67	ng	96
26) 2-Nitrophenol	7.73	139	361533	34.82	ng	# 81
27) 2,4-Dimethylphenol	7.78	122	661290	31.47	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	853699	32.49	ng	98
29) 2,4-Dichlorophenol	7.98	162	623312	35.61	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	619405	34.27	ng	# 95
31) Naphthalene	8.14	128	2038822	35.90	ng	99
32) Benzoic acid	7.90	122	341332	28.21	ng	95
33) 4-Chloroaniline	8.19	127	283335	10.88	ng	98
34) Hexachlorobutadiene	8.26	225	328587	31.63	ng	98
35) Caprolactam	8.57	113	144523	24.49	ng	# 72
36) 4-Chloro-3-methylphenol	8.69	107	690715	35.23	ng	92
37) 2-Methylnaphthalene	8.83	142	1321454	32.41	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	563757	33.83	ng	99
40) Hexachlorocyclopentadiene	8.99	237	566362	56.30	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	420537	33.73	nq	94
43) 2,4,5-Trichlorophenol	9.16	196	420479	35.18	nq	# 92
45) 1,1'-Biphenyl	9.30	154	1600159	34.74	nq	99
46) 2-Chloronaphthalene	9.32	162	1205838	33.33	nq	94
47) 2-Nitroaniline	9.42	65	461178	38.62	nq	# 75
48) Acenaphthylene	9.73	152	1819340	34.03	nq	97
49) Dimethylphthalate	9.61	163	1548362	37.37	nq	# 91
50) 2,6-Dinitrotoluene	9.66	165	342230	37.66	nq	# 73
51) Acenaphthene	9.90	154	1332206	37.15	nq	98
52) 3-Nitroaniline	9.82	138	177772	15.79	nq	97
53) 2,4-Dinitrophenol	9.94	184	310018	80.08	nq	# 87
54) Dibenzofuran	10.08	168	1660297	35.10	nq	92
55) 4-Nitrophenol	10.01	139	494157	60.45	nq	# 77
56) 2,4-Dinitrotoluene	10.06	165	407434	35.42	nq	# 88
57) Fluorene	10.42	166	1208237	33.01	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	360971	35.38	nq	90
59) Diethylphthalate	10.30	149	1465457	35.87	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	610923	39.32	nq	95
61) 4-Nitroaniline	10.44	138	342897	34.16	nq	90
62) Azobenzene	10.58	77	1621615	36.19	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	231919	35.33	nq	86
65) n-Nitrosodiphenylamine	10.53	169	1127361	32.72	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	406494	35.05	nq	96
67) Hexachlorobenzene	10.97	284	417748	32.00	nq	# 87
68) Atrazine	11.07	200	391989	34.77	nq	95
69) Pentachlorophenol	11.16	266	420046	62.05	nq	97
70) Phenanthrene	11.38	178	1917388	34.02	nq	97
71) Anthracene	11.44	178	2034123	36.81	nq	97
72) Carbazole	11.60	167	1905892	35.28	nq	98
73) Di-n-butylphthalate	11.93	149	2216281	36.75	nq	# 96
74) Fluoranthene	12.57	202	1943858	33.01	nq	98
76) Benzidine	12.69	184	421037	12.88	nq	99
77) Pyrene	12.80	202	1991552	27.83	nq	98
79) Butylbenzylphthalate	13.43	149	998558	32.24	nq	# 89
80) Benzo(a)anthracene	13.99	228	1694619	31.65	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	406097	21.73	nq	# 96
82) Chrysene	14.02	228	1414407	27.49	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	1165228	29.78	nq	# 94
84) Di-n-octyl phthalate	14.59	149	1936713	29.32	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.80	276	1198717	29.39	nq	98
87) Benzo(b)fluoranthene	15.04	252	2865919	63.38	nq	# 95
88) Benzo(k)fluoranthene	15.04	252	2868179	77.55	nq	99
89) Benzo(a)pyrene	15.36	252	1315129	34.29	nq	97
90) Dibenzo(a,h)anthracene	16.81	278	977463	29.62	nq	97
91) Benzo(g,h,i)perylene	17.21	276	1009936	29.55	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.07 min

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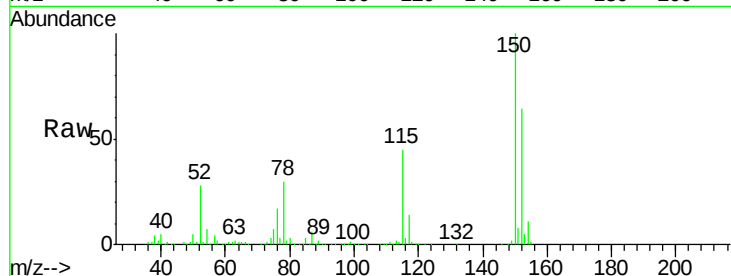
Tot Ion:152 Resp: 285832

Ion Ratio Lower Upper

152 100

150 156.6 123.0 184.4

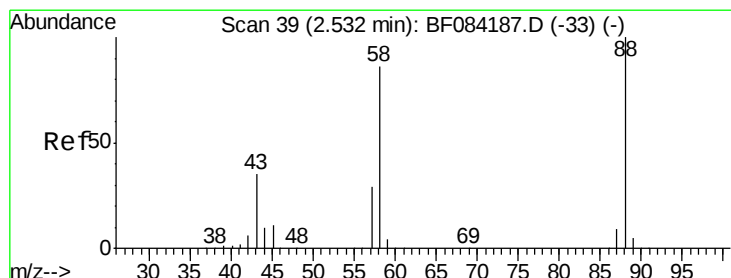
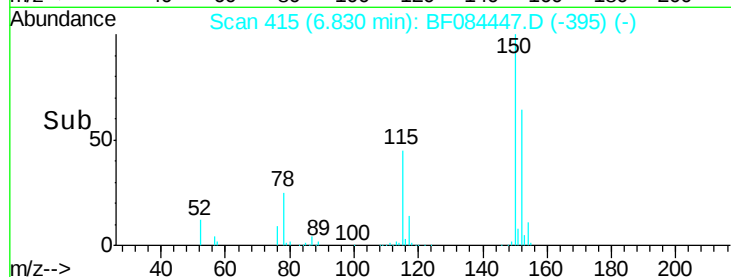
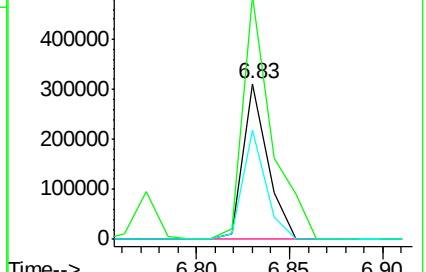
115 70.3 51.4 77.2



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: 31.65 ng

RT: 2.51 min Scan# 37

Delta R.T. -0.02 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

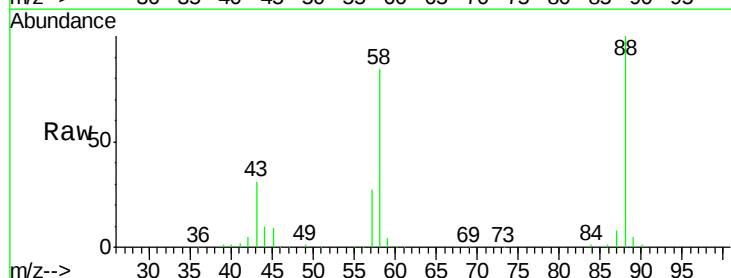
Tgt Ion: 88 Resp: 264927

Ion Ratio Lower Upper

88 100

58 83.6 51.2 76.8#

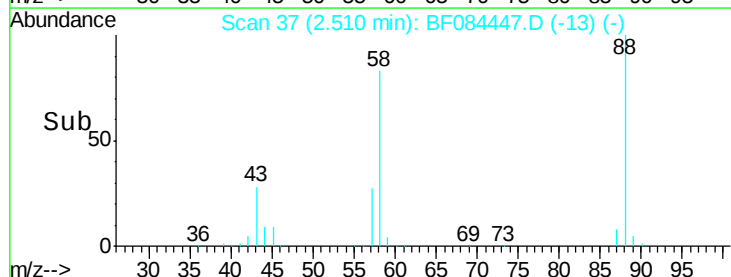
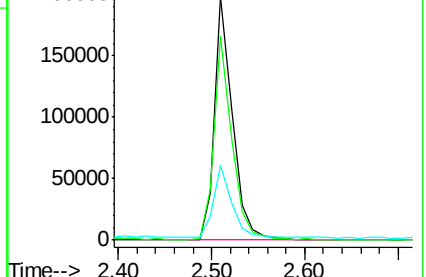
43 32.1 19.5 29.3#

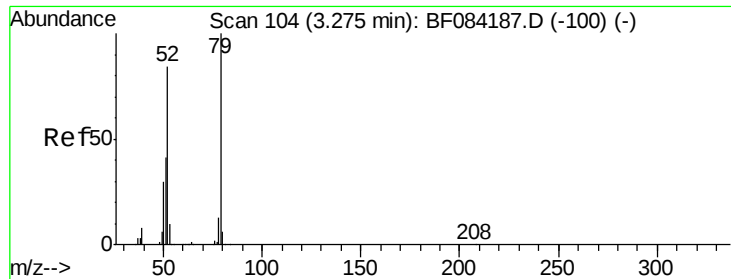


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.26 ng

RT: 3.23 min Scan# 100

Delta R.T. -0.05 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

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ClientSampleId :

PB87794BS

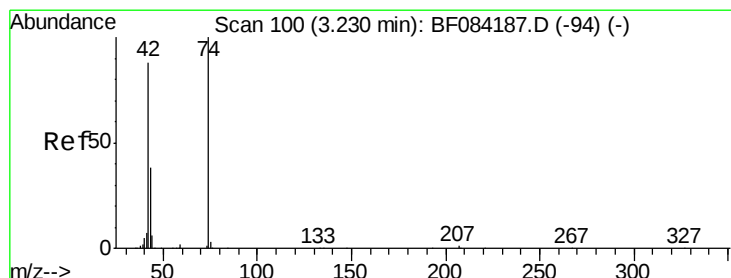
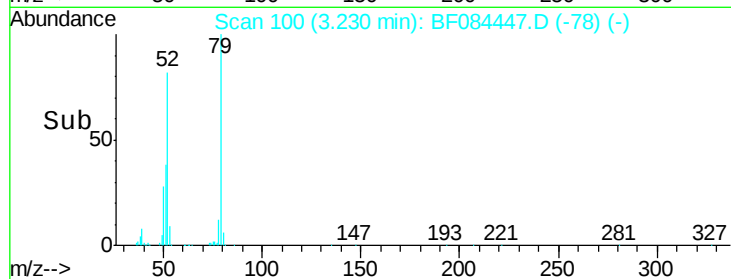
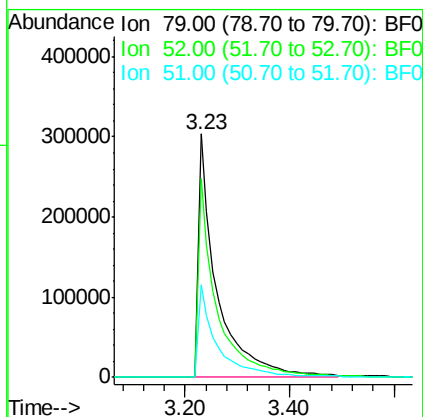
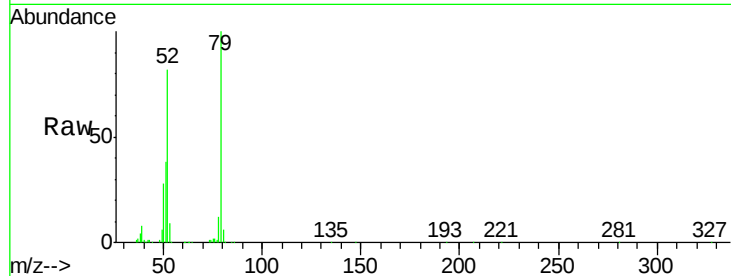
Tot Ion: 79 Resp: 752978

Ion Ratio Lower Upper

79 100

52 81.8 49.0 73.4#

51 38.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 29.51 ng

RT: 3.17 min Scan# 95

Delta R.T. -0.06 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

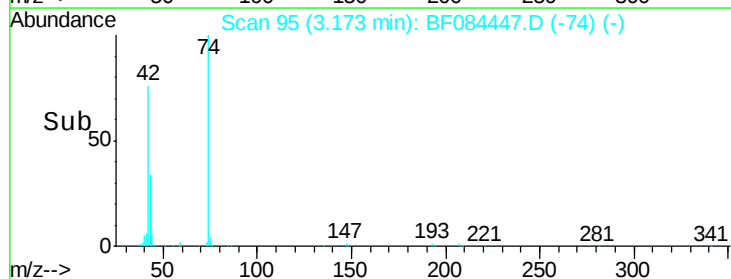
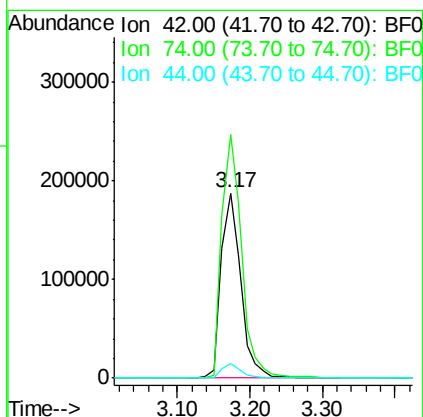
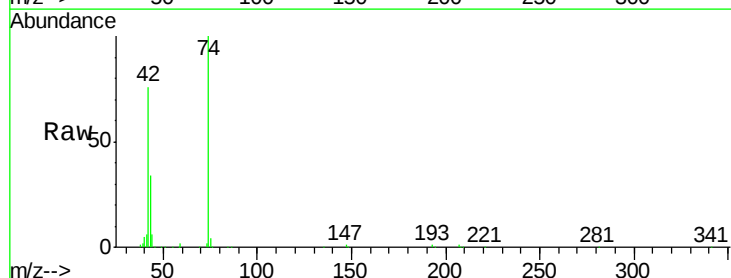
Tgt Ion: 42 Resp: 353592

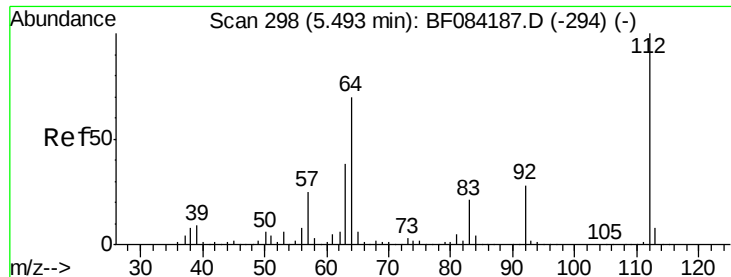
Ion Ratio Lower Upper

42 100

74 131.6 115.7 173.5

44 7.7 5.1 7.7#





#5

2-Fluorophenol

Concen: 95.96 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

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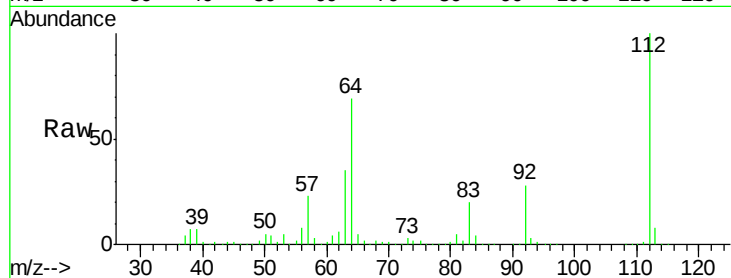
Tot Ion:112 Resp: 1695704

Ion Ratio Lower Upper

112 100

64 68.8 36.6 55.0#

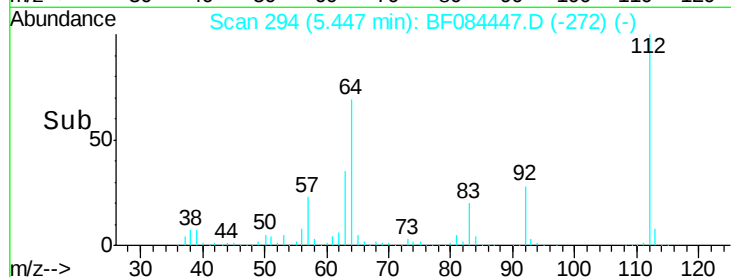
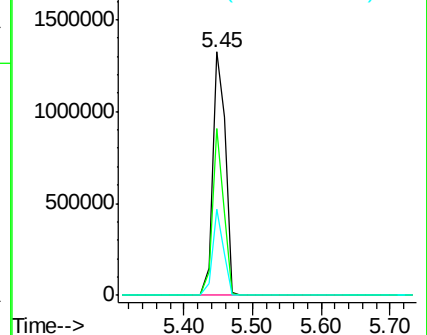
63 35.4 19.4 29.0#



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: 14.45 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

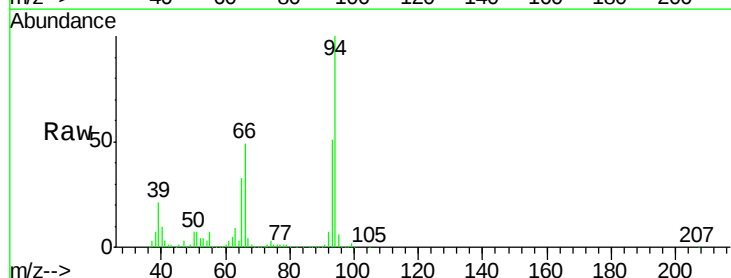
Tgt Ion: 93 Resp: 469052

Ion Ratio Lower Upper

93 100

66 95.7 44.9 67.3#

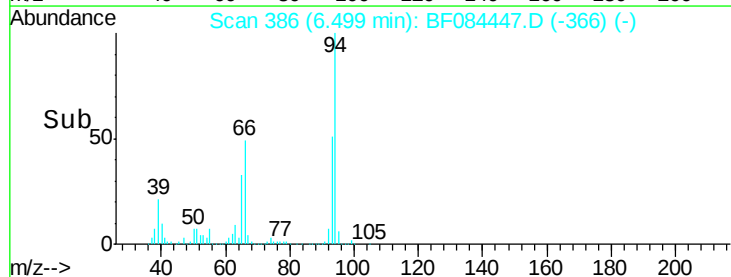
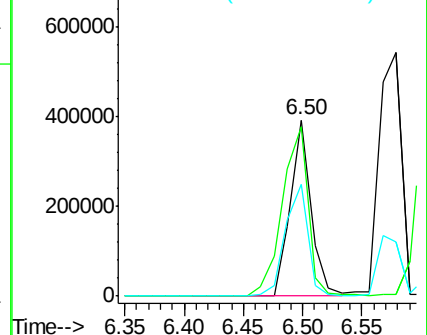
65 63.3 23.7 35.5#

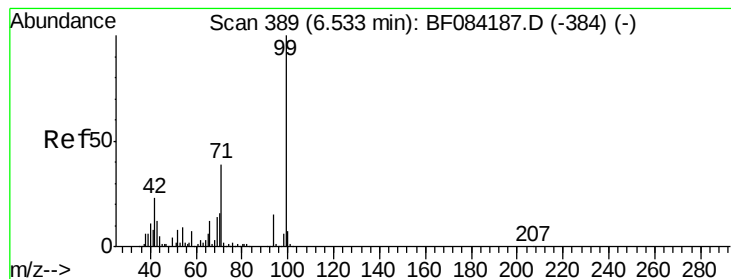


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.16 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

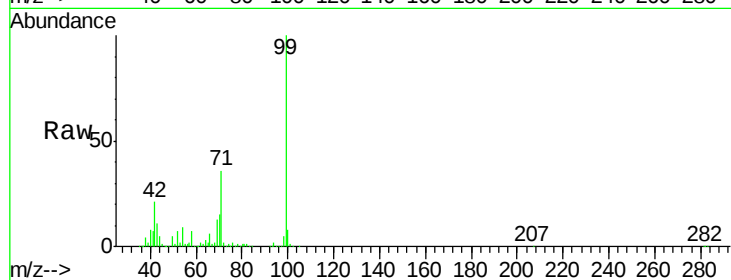
BNA_F

ClientSampleId :

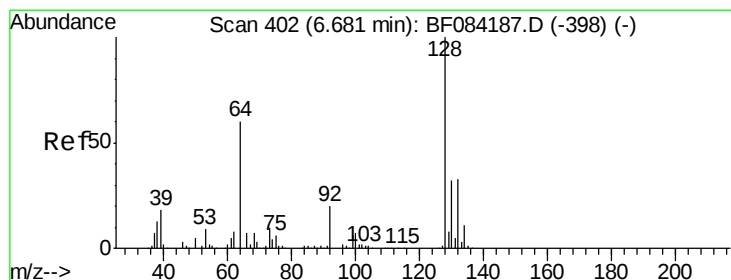
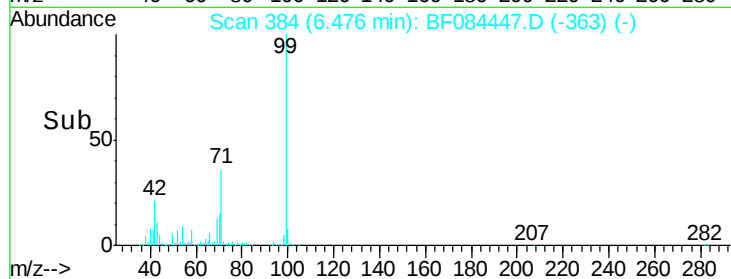
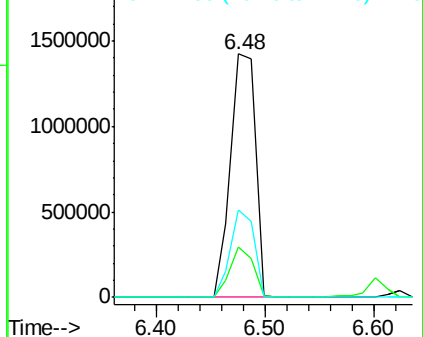
PB87794BS

Tot Ion: 99 Resp: 2245212

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.8	19.2#
71	36.1	30.9	46.3



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



#8

2-Chlorophenol

Concen: 36.78 ng

RT: 6.62 min Scan# 397

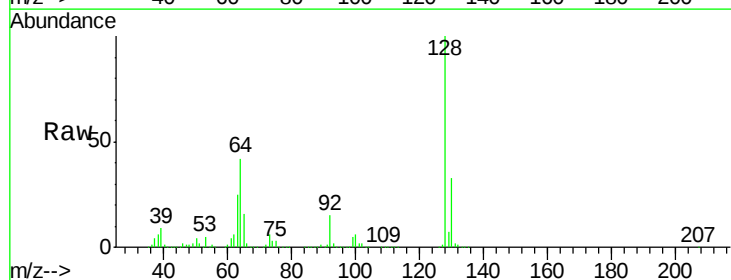
Delta R.T. -0.06 min

Lab File: BF084447.D

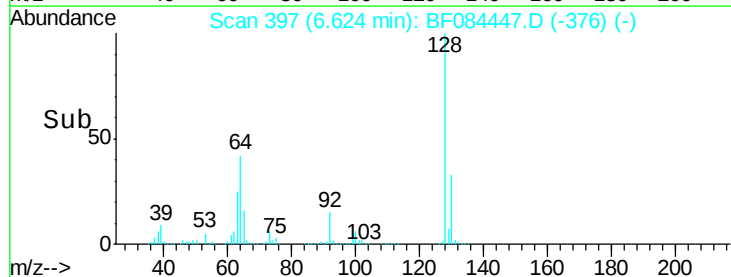
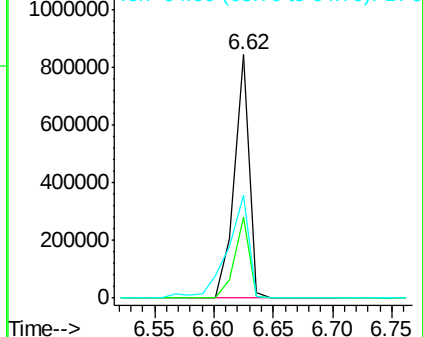
Acq: 13 Jan 2016 17:54

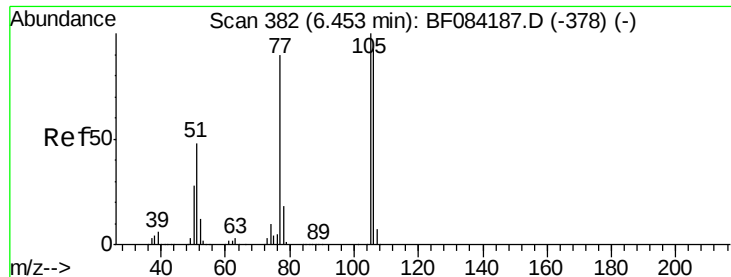
Tgt Ion: 128 Resp: 737339

Ion	Ratio	Lower	Upper
128	100		
130	33.4	11.6	51.6
64	42.1	23.8	63.8



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





#9

Benzaldehyde

Concen: 10.86 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.08 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

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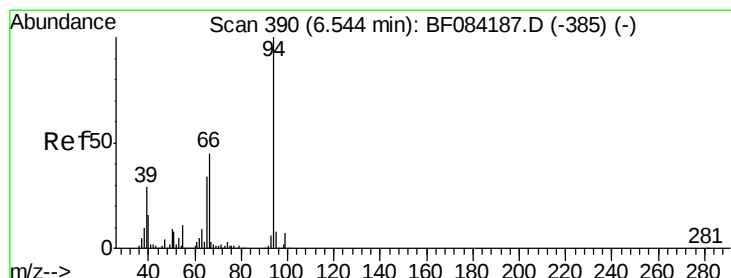
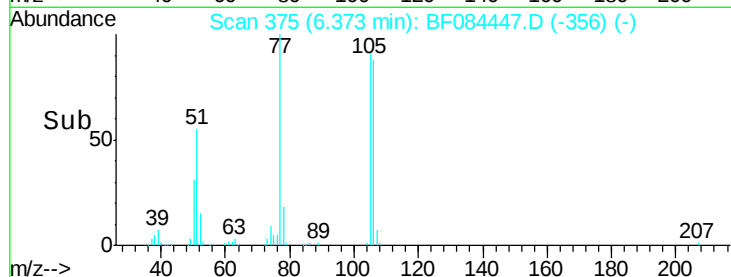
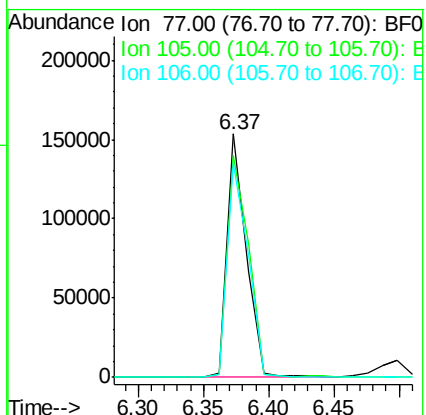
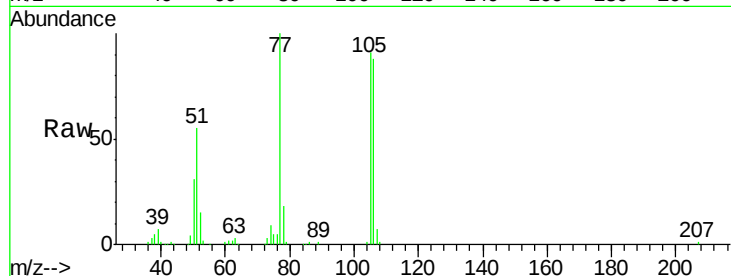
Tot Ion: 77 Resp: 157008

Ion Ratio Lower Upper

77 100

105 91.3 83.0 123.0

106 88.1 74.6 114.6



#10

Phenol

Concen: 32.88 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

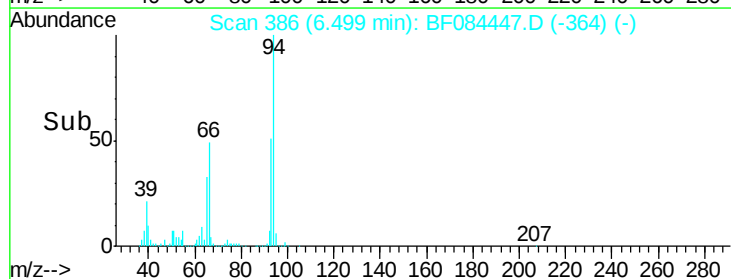
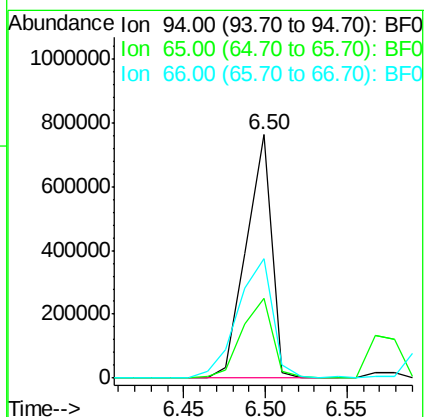
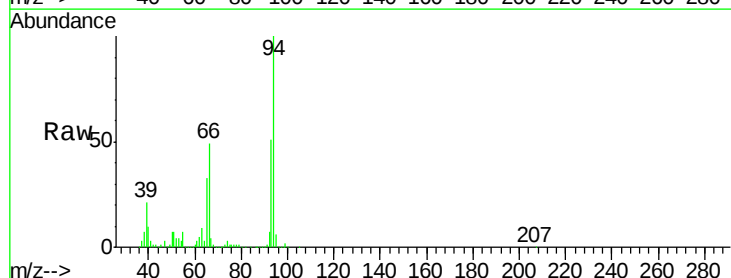
Tgt Ion: 94 Resp: 829748

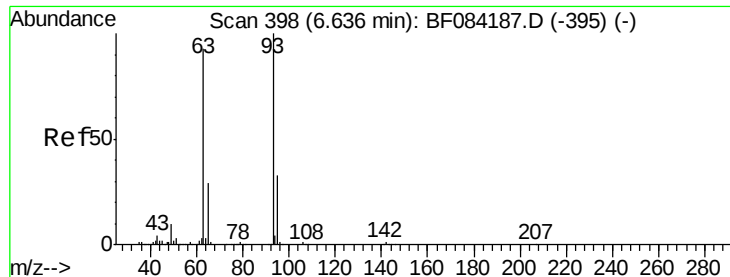
Ion Ratio Lower Upper

94 100

65 32.6 12.9 52.9

66 49.3 32.7 72.7

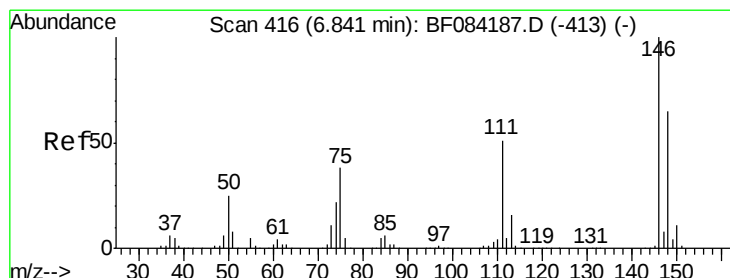
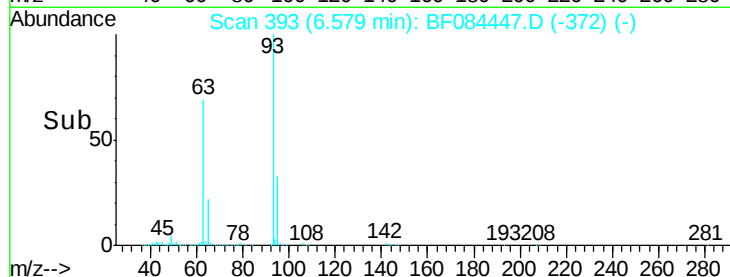
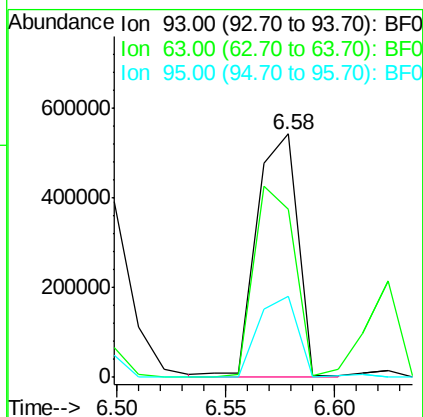
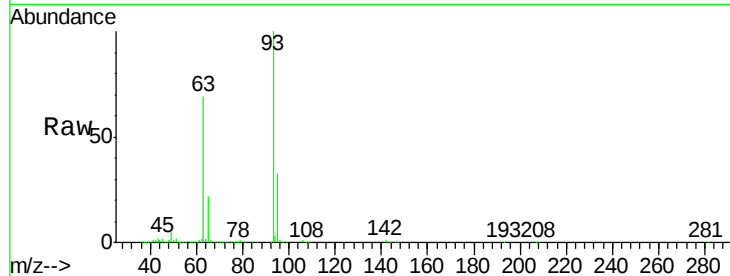




#11
bis(2-Chloroethyl)ether
Concen: 36.66 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

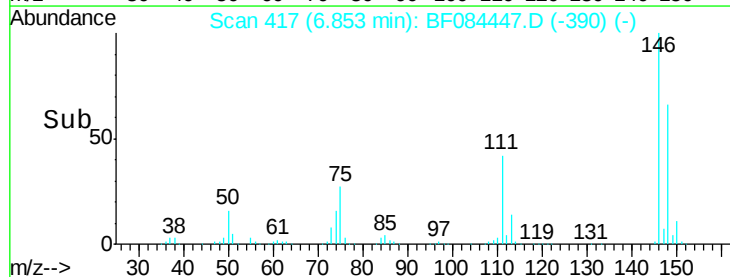
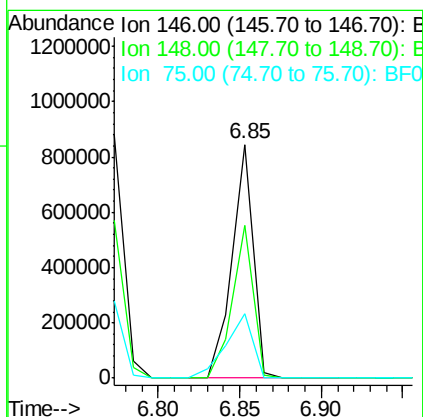
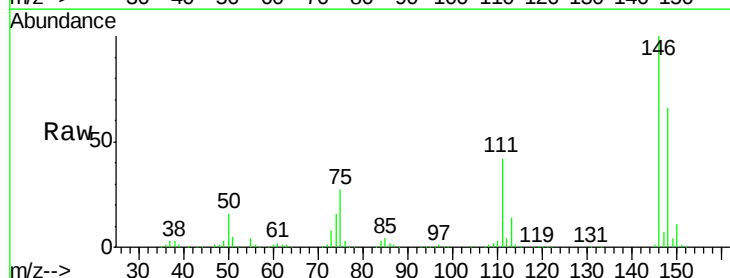
Instrument :
BNA_F
ClientSampleId :
PB87794BS

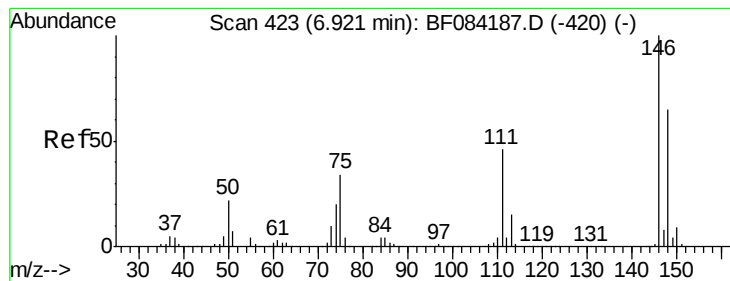
Tot Ion:	93	Resp:	716664
Ion	Ratio	Lower	Upper
93	100		
63	69.0	45.9	85.9
95	33.0	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 36.28 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

Tgt Ion:	146	Resp:	750319
Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
75	27.4	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 36.18 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampled :

PB87794BS

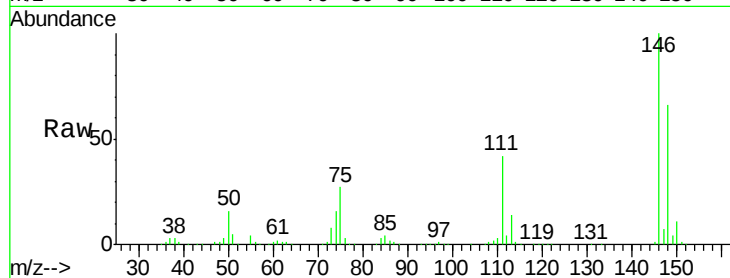
Tot Ion:146 Resp: 750319

Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

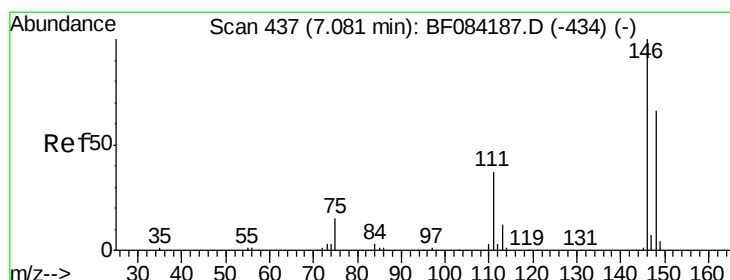
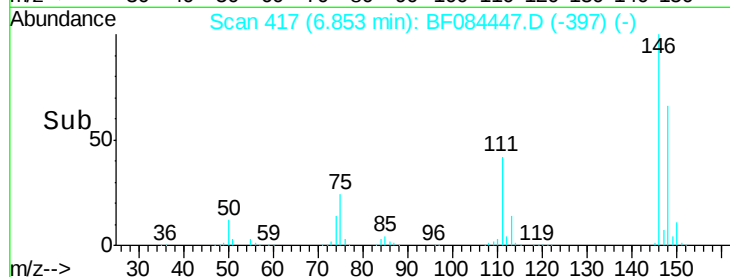
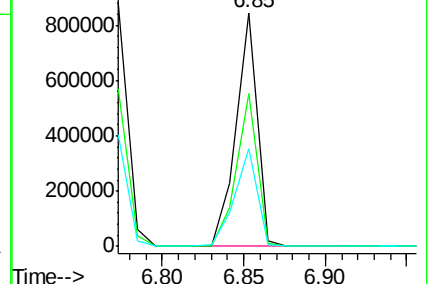
111 41.8 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.24 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.08 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

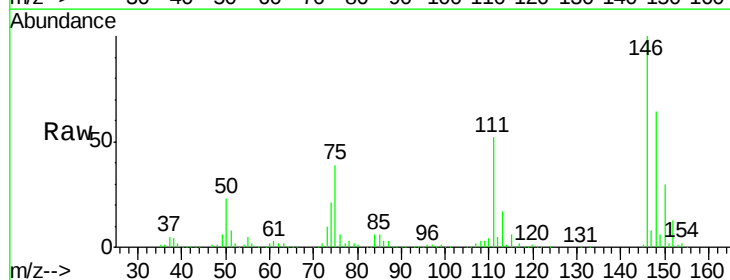
Tgt Ion:146 Resp: 640359

Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

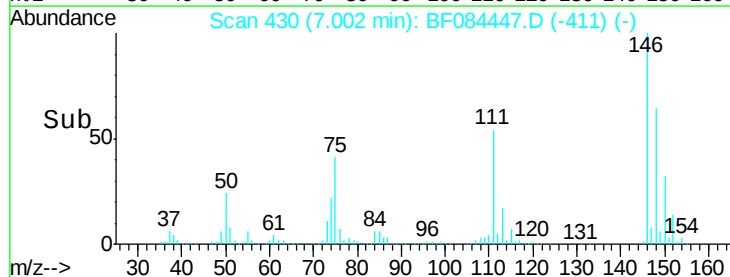
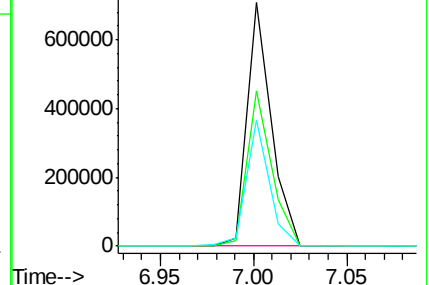
111 51.9 38.0 57.0

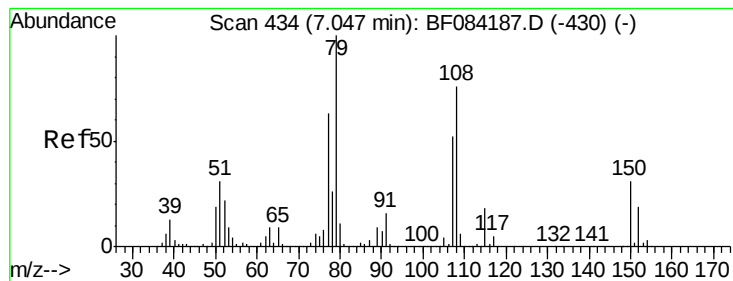


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.25 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

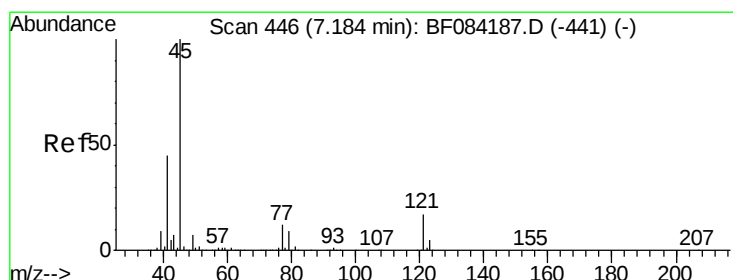
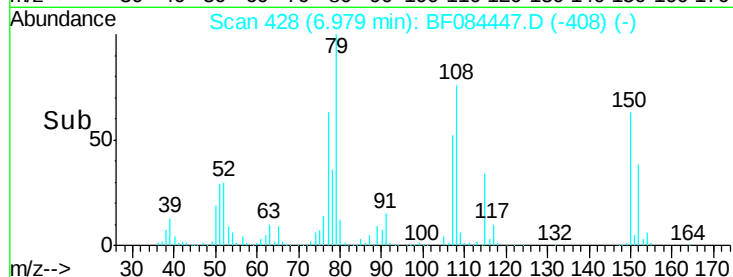
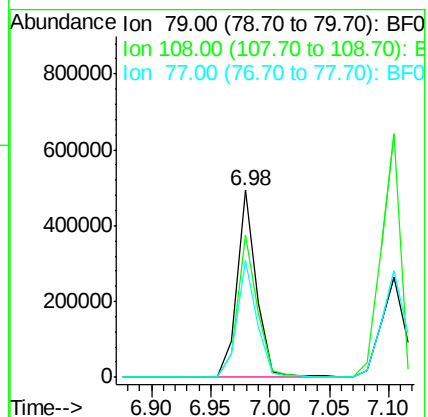
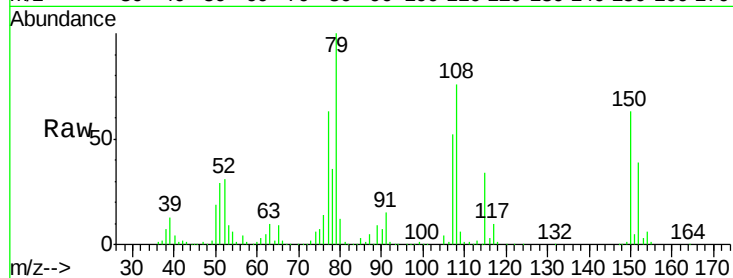
Tot Ion: 79 Resp: 564753

Ion Ratio Lower Upper

79 100

108 76.5 69.0 103.4

77 62.6 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.01 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

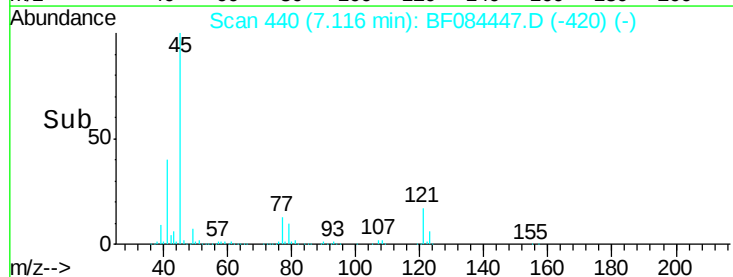
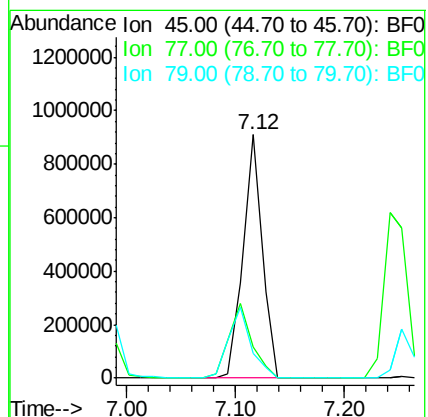
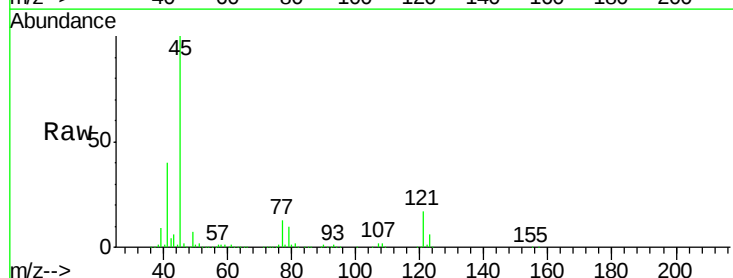
Tgt Ion: 45 Resp: 1103891

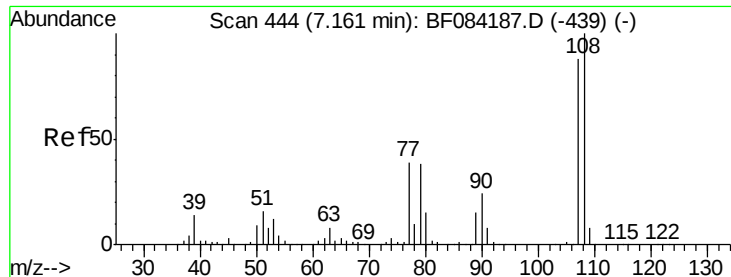
Ion Ratio Lower Upper

45 100

77 12.7 0.0 39.6

79 10.2 0.0 35.0

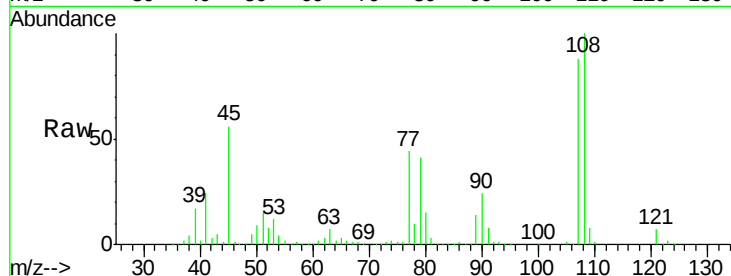




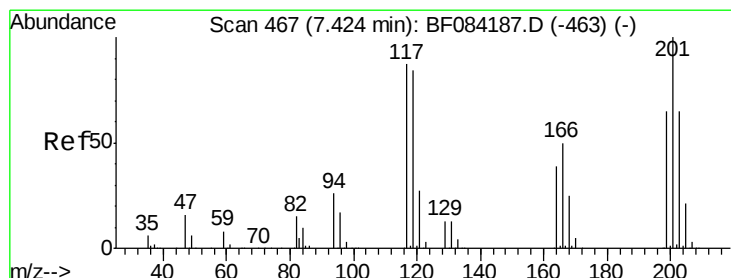
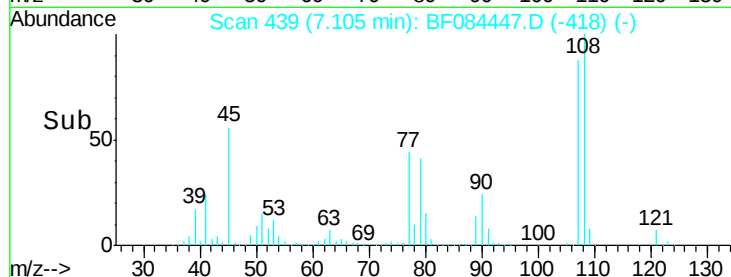
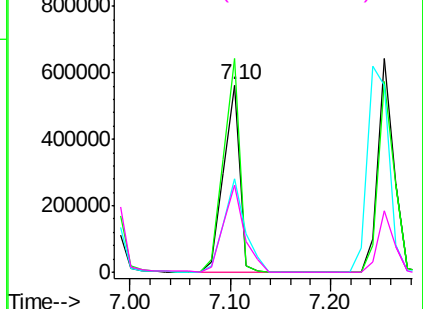
#17
2-Methylphenol
Concen: 37.42 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.06 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

Instrument :
BNA_F
ClientSampleID :
PB87794BS

Tot Ion:107 Resp: 628717
Ion Ratio Lower Upper
107 100
108 114.1 89.8 134.6
77 49.8 35.7 53.5
79 46.9 35.7 53.5

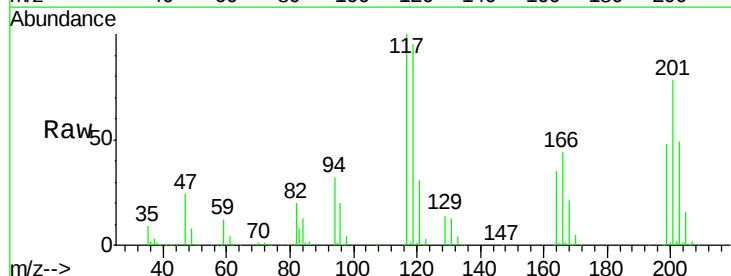


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

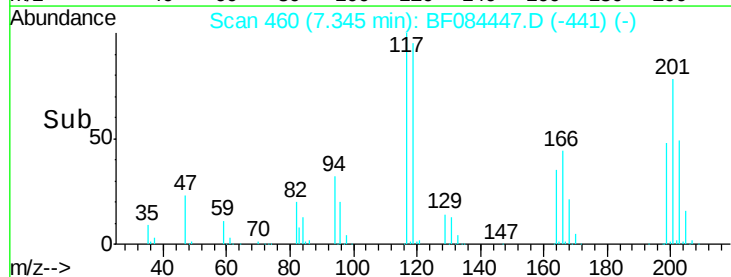
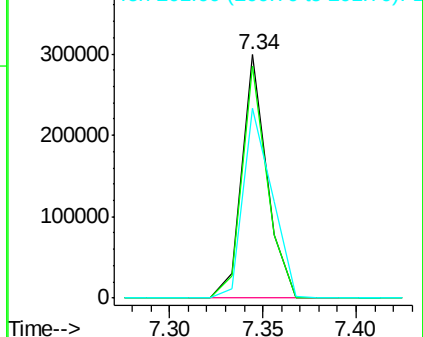


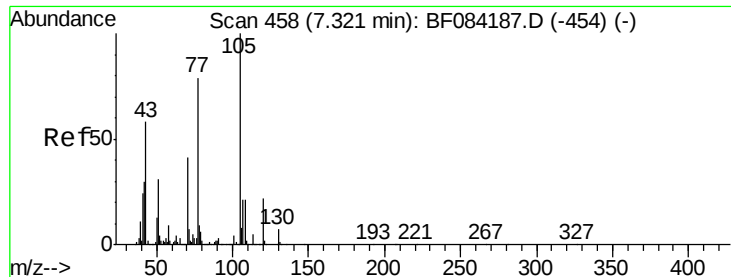
#18
Hexachloroethane
Concen: 33.73 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.08 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

Tgt Ion:117 Resp: 279759
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.0
201 77.8 68.6 103.0



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

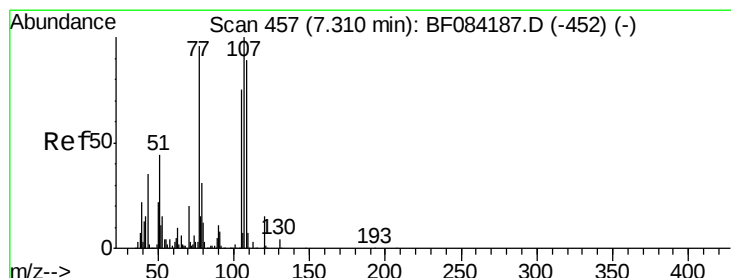
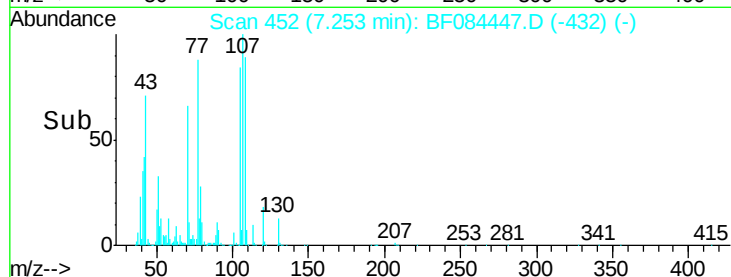
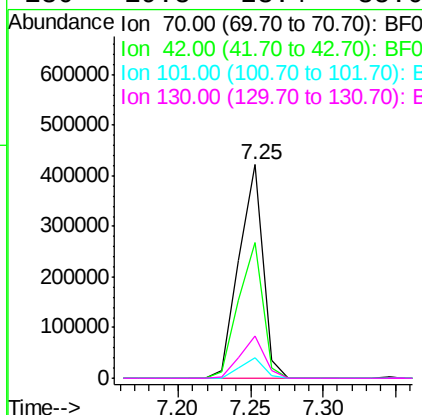
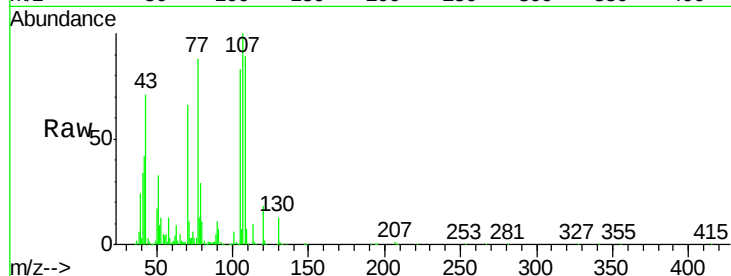




#19
n-Nitroso-di-n-propylamine
Concen: 32.25 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.07 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

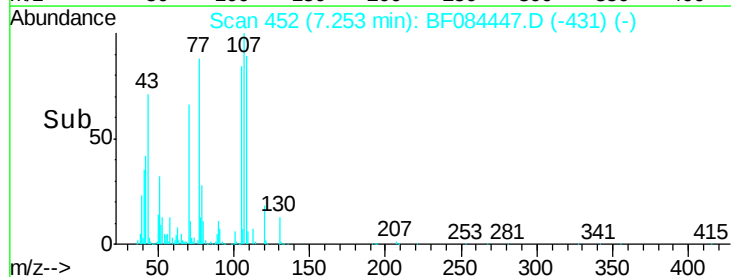
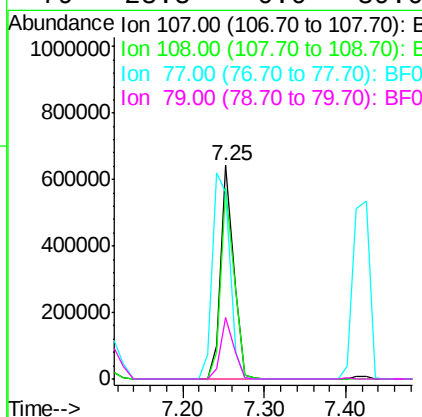
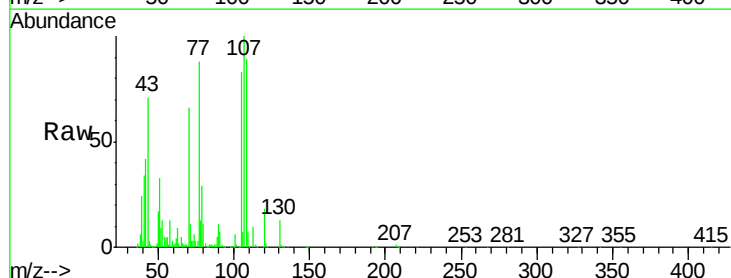
Instrument :
BNA_F
ClientSampleId :
PB87794BS

Tot Ion: 70 Resp: 484595
Ion Ratio Lower Upper
70 100
42 63.3 33.3 49.9#
101 9.5 9.3 13.9
130 19.8 23.4 35.0#



#20
3+4-Methylphenols
Concen: 35.81 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.06 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

Tgt Ion: 107 Resp: 707375
Ion Ratio Lower Upper
107 100
108 89.4 74.6 114.6
77 87.7 0.7 40.7#
79 28.8 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

Tot Ion:136 Resp: 1251749

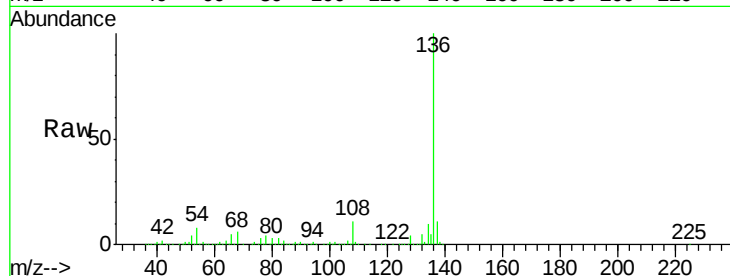
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.5 5.8 8.8

68 5.5 4.2 6.2

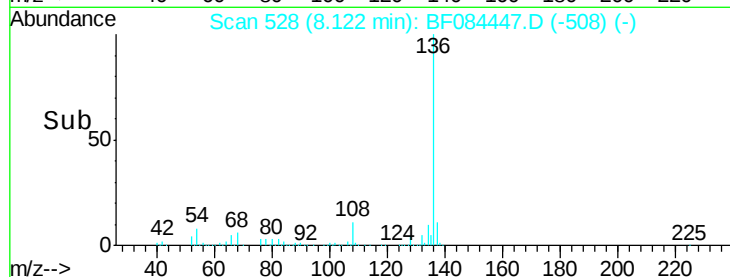
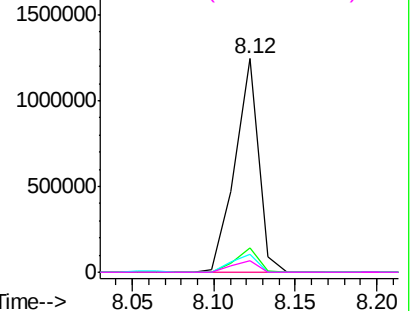


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 31.31 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.08 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Tgt Ion:105 Resp: 942427

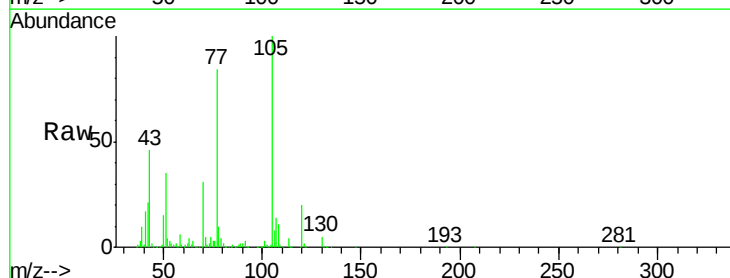
Ion Ratio Lower Upper

105 100

71 5.3 3.7 5.5

51 34.6 25.1 37.7

120 20.1 16.6 25.0

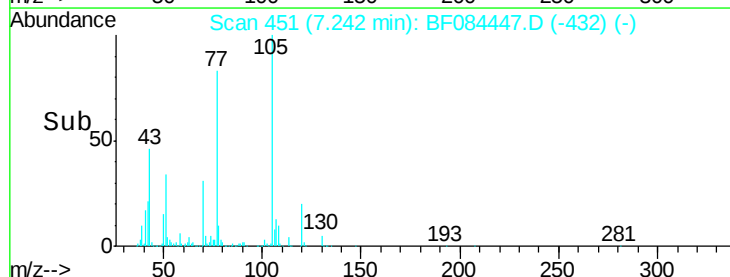
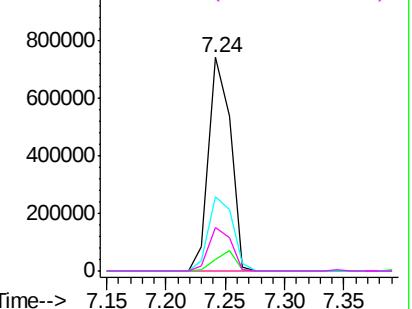


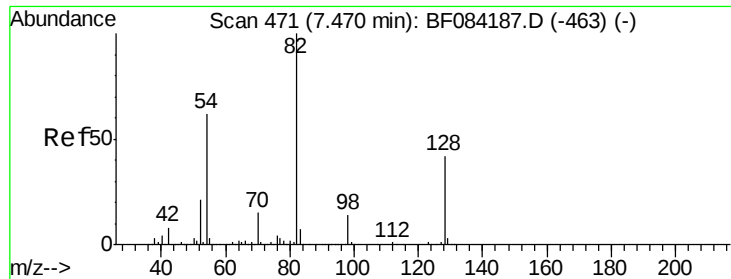
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

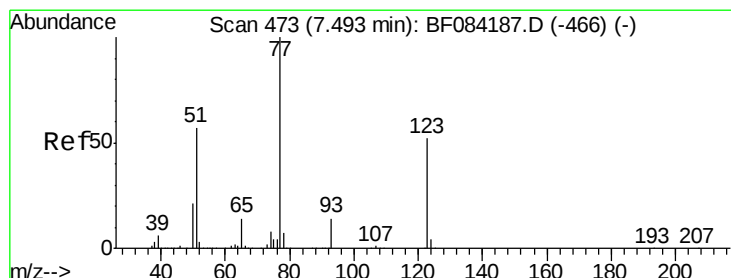
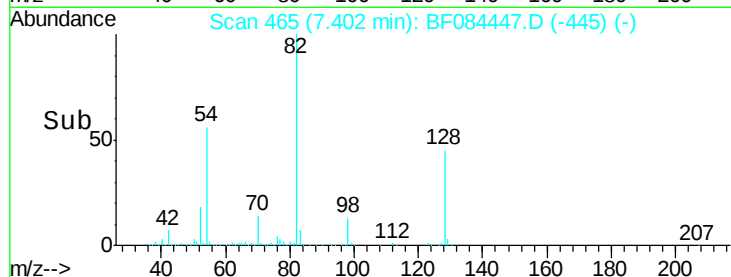
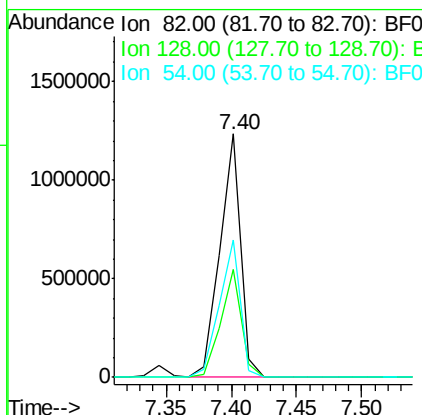
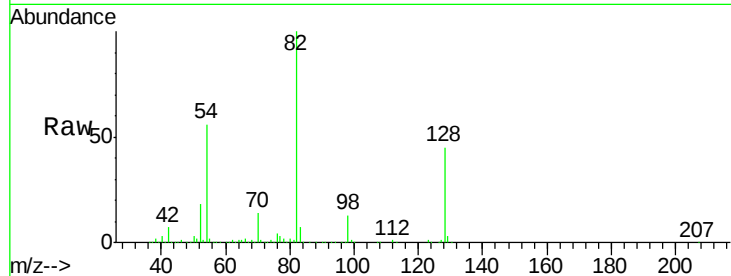




#23
 Nitrobenzene-d5
 Concen: 61.12 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF084447.D
 Acq: 13 Jan 2016 17:54

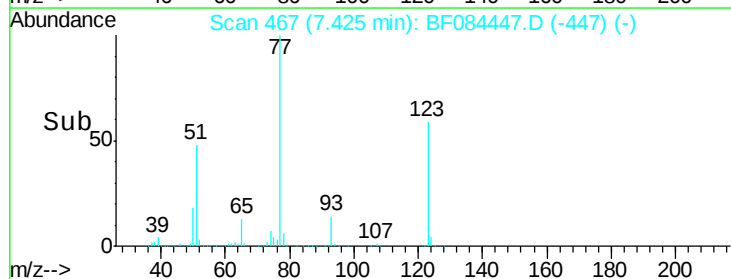
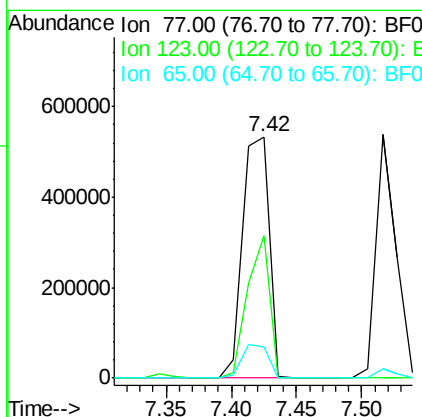
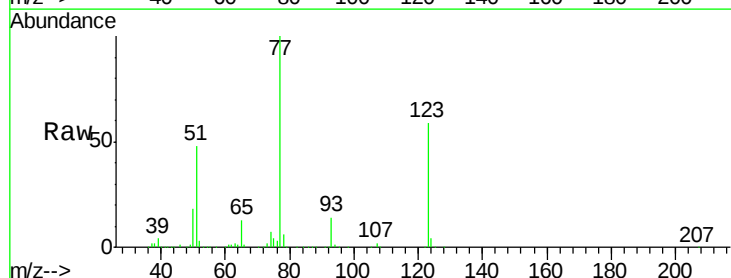
Instrument :
 BNA_F
 ClientSampleId :
 PB87794BS

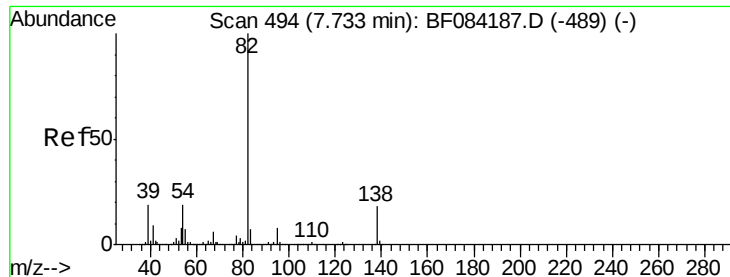
Tot Ion: 82 Resp: 1374650
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.6 51.8
 54 56.3 38.4 57.6



#24
 Nitrobenzene
 Concen: 32.82 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.07 min
 Lab File: BF084447.D
 Acq: 13 Jan 2016 17:54

Tgt Ion: 77 Resp: 748640
 Ion Ratio Lower Upper
 77 100
 123 59.3 37.4 56.2#
 65 12.9 10.9 16.3





#25

Isophorone

Concen: 32.67 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

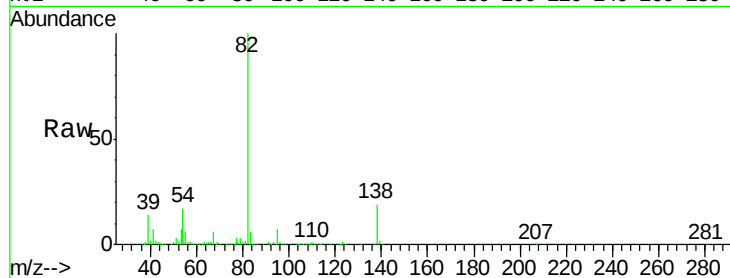
Tot Ion: 82 Resp: 1405485

Ion Ratio Lower Upper

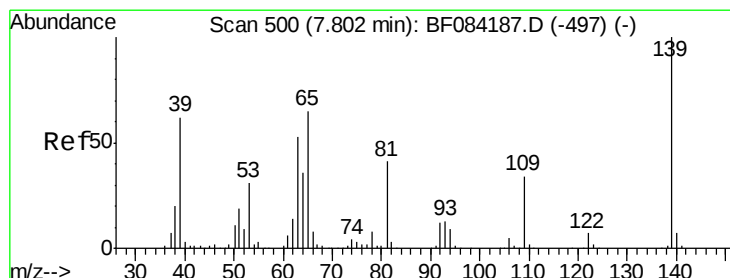
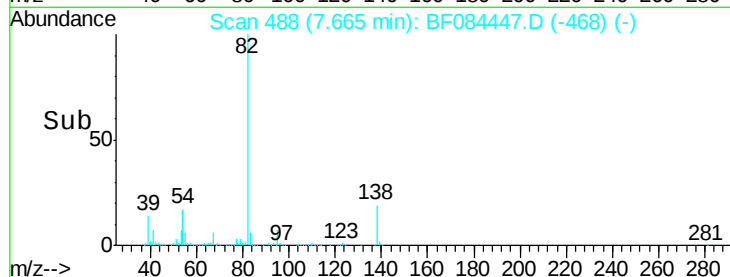
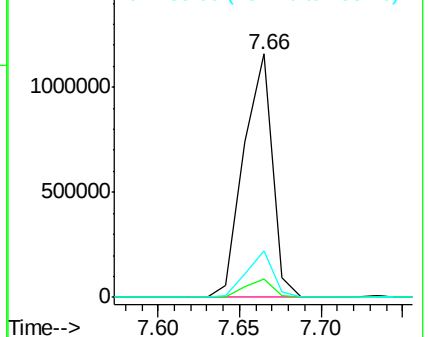
82 100

95 7.4 6.6 10.0

138 18.9 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: 34.82 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

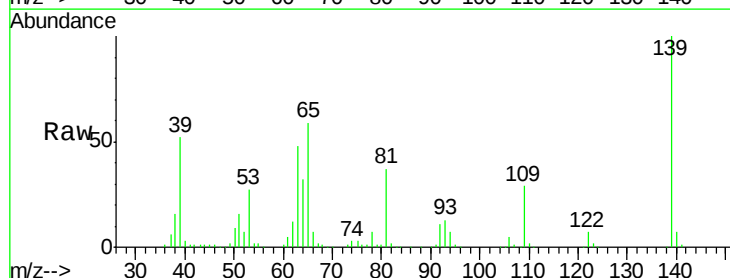
Tgt Ion: 139 Resp: 361533

Ion Ratio Lower Upper

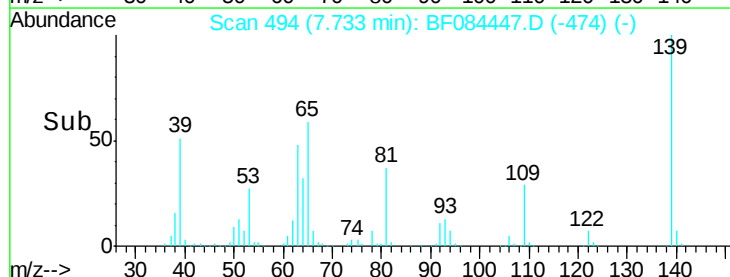
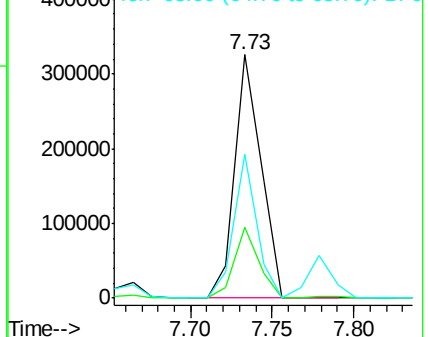
139 100

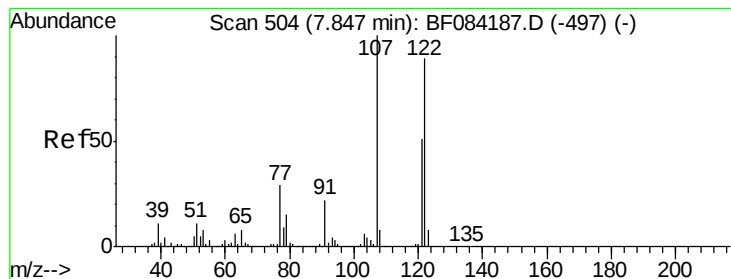
109 29.0 25.4 38.2

65 59.2 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: 31.47 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

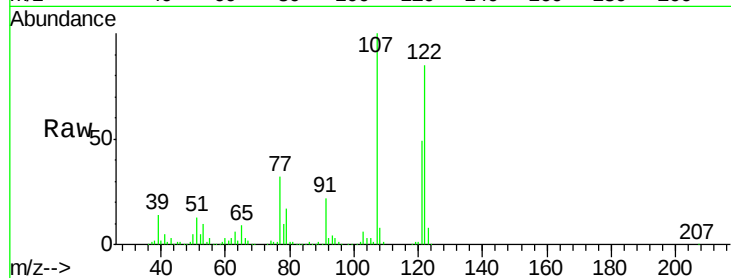
Tot Ion:122 Resp: 661290

Ion Ratio Lower Upper

122 100

107 118.2 99.1 148.7

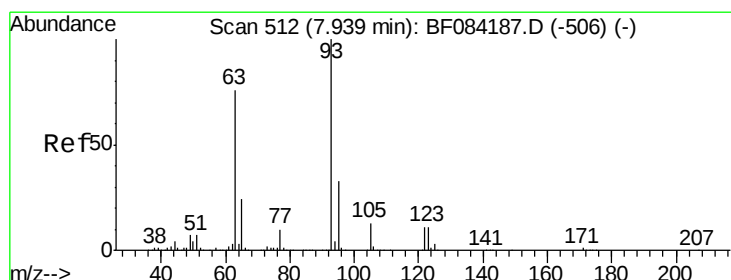
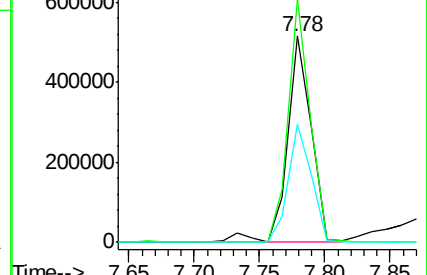
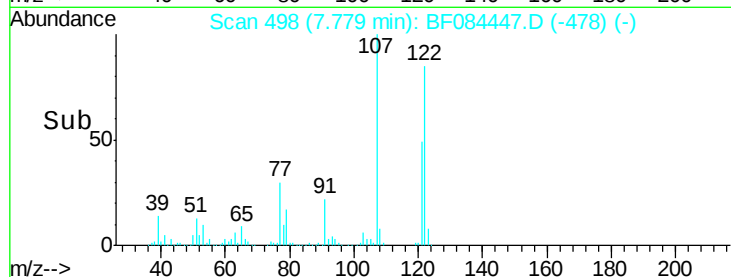
121 57.7 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.49 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

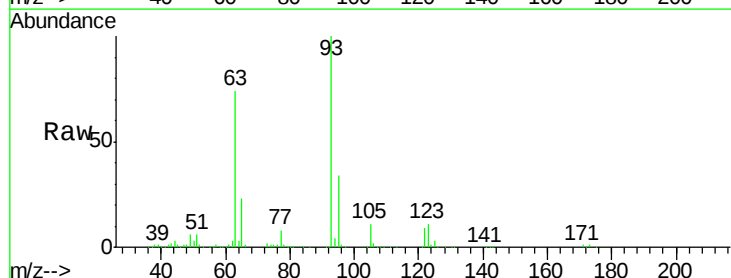
Tgt Ion: 93 Resp: 853699

Ion Ratio Lower Upper

93 100

95 33.7 25.8 38.6

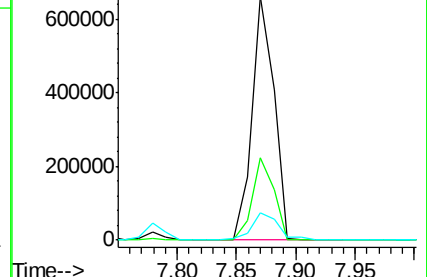
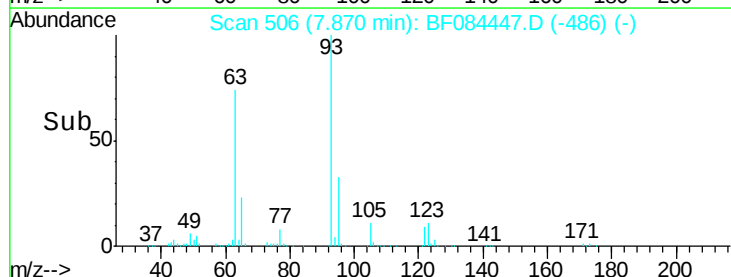
123 11.0 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 35.61 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.06 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

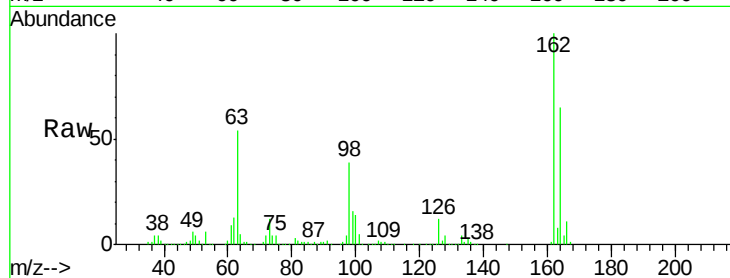
Tot Ion:162 Resp: 623312

Ion Ratio Lower Upper

162 100

164 64.5 44.1 84.1

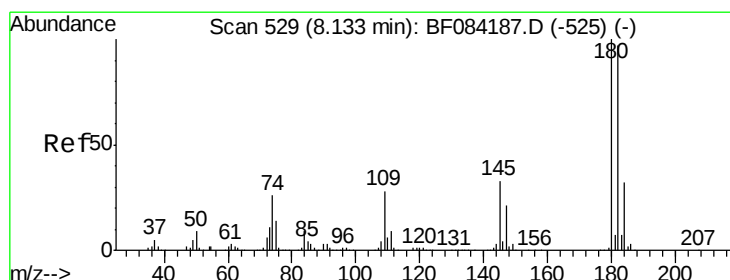
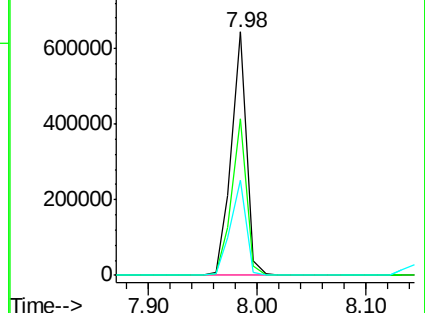
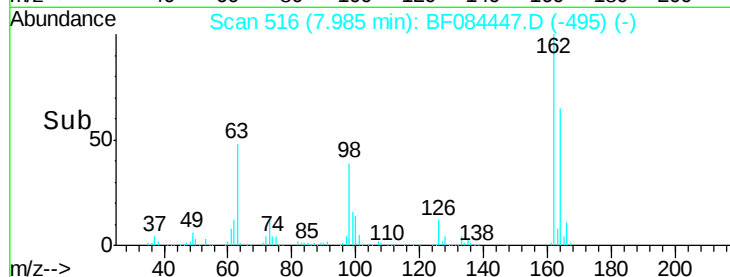
98 38.9 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 34.27 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

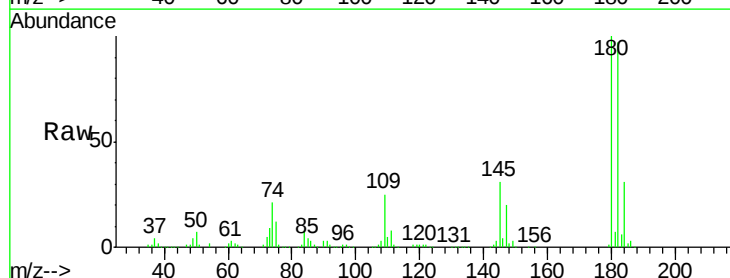
Tgt Ion:180 Resp: 619405

Ion Ratio Lower Upper

180 100

182 96.5 76.4 114.6

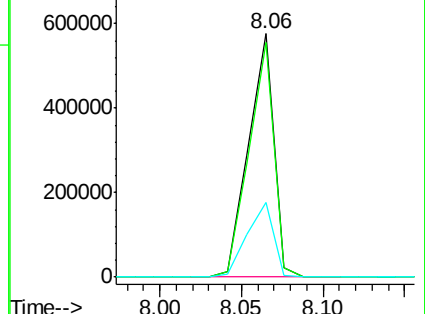
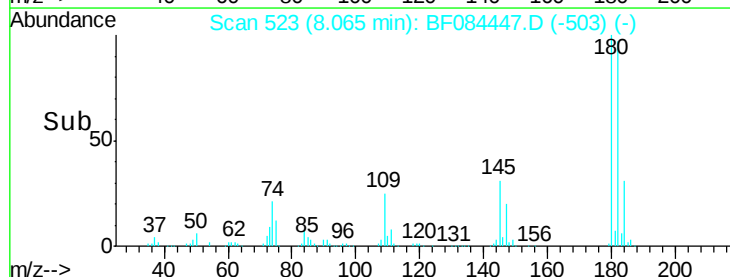
145 30.7 31.6 47.4#

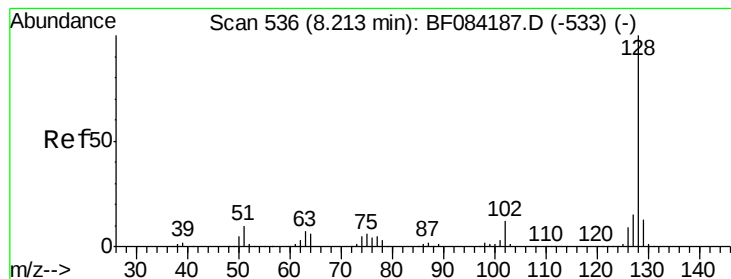


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.90 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

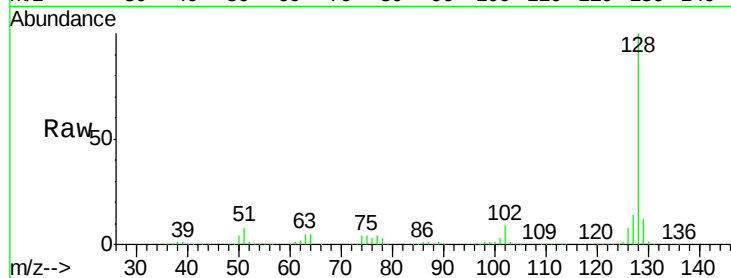
Tot Ion:128 Resp: 2038822

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

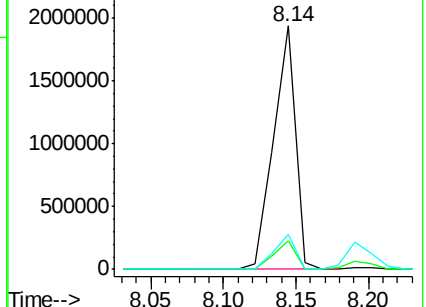
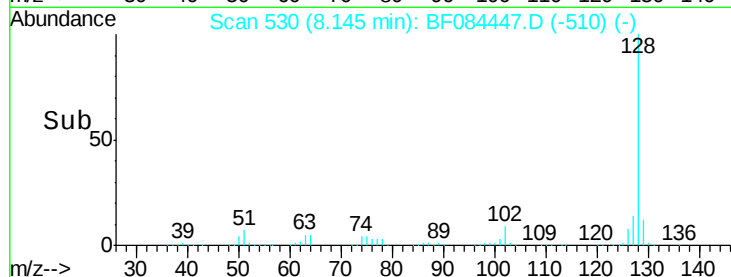
127 14.2 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.21 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.06 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

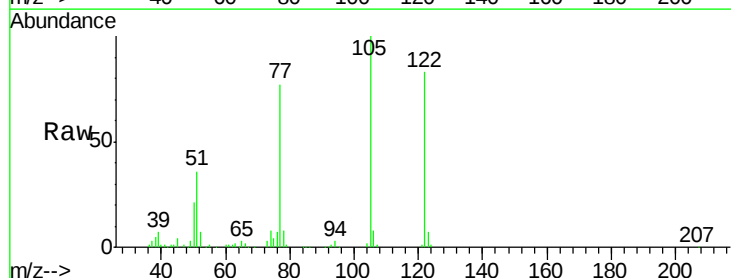
Tgt Ion:122 Resp: 341332

Ion Ratio Lower Upper

122 100

105 121.1 100.3 140.3

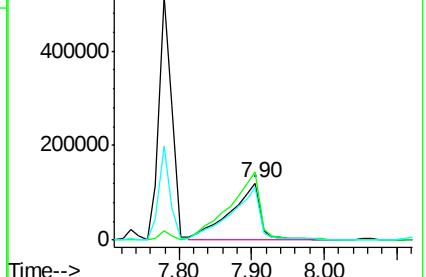
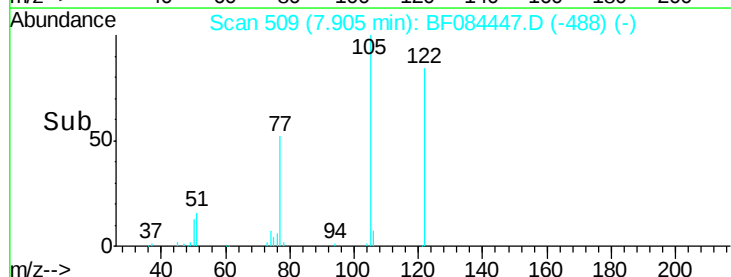
77 93.3 63.5 103.5

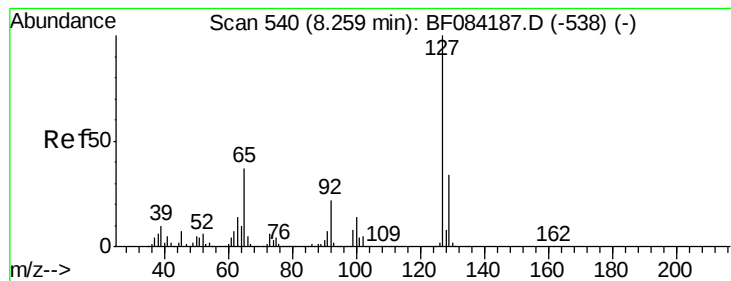


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.88 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

Tot Ion:127 Resp: 283335

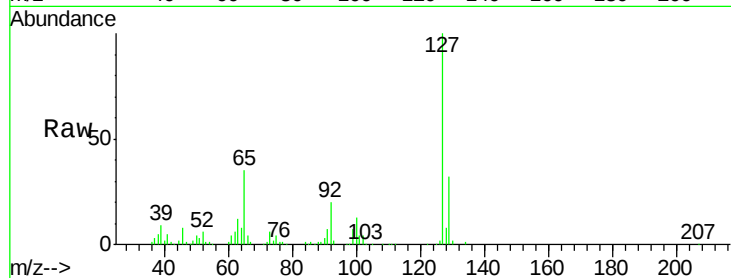
Ion Ratio Lower Upper

127 100

129 32.0 26.5 39.7

65 35.2 27.2 40.8

92 20.3 17.7 26.5

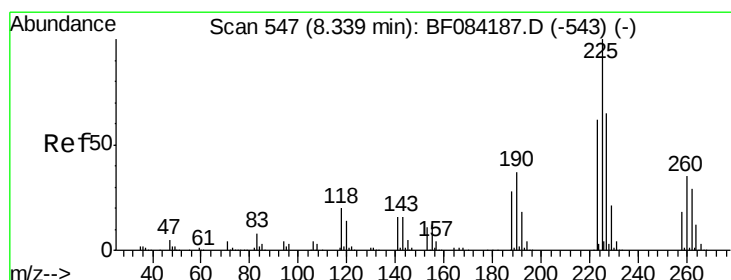
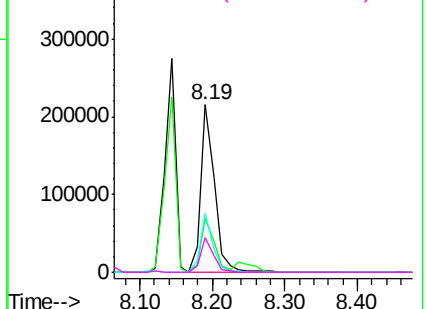
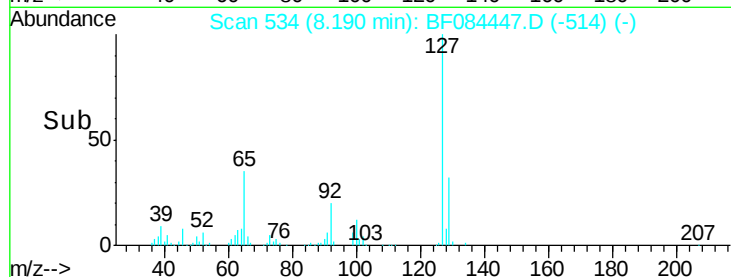


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 31.63 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.08 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

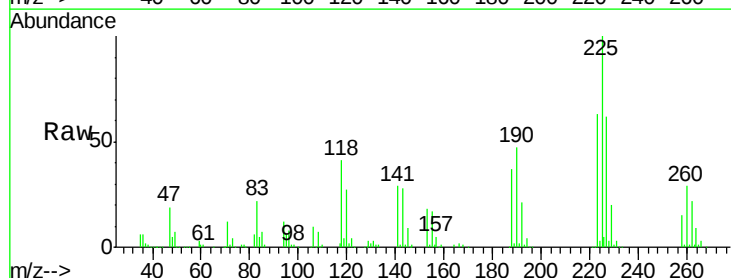
Tgt Ion:225 Resp: 328587

Ion Ratio Lower Upper

225 100

223 62.7 49.4 74.0

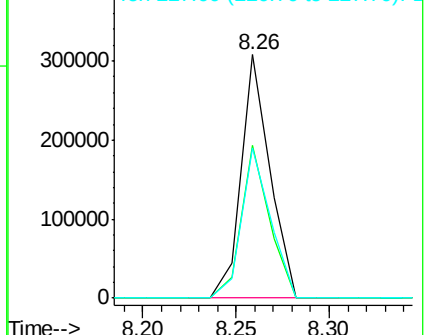
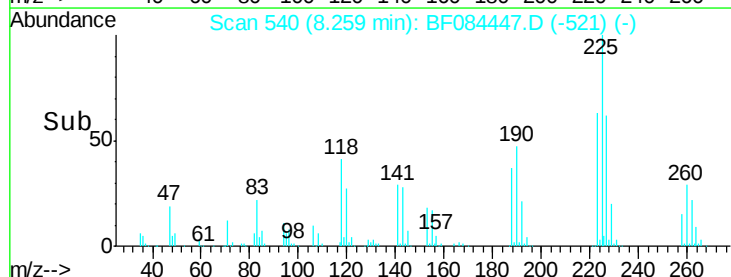
227 61.8 50.8 76.2

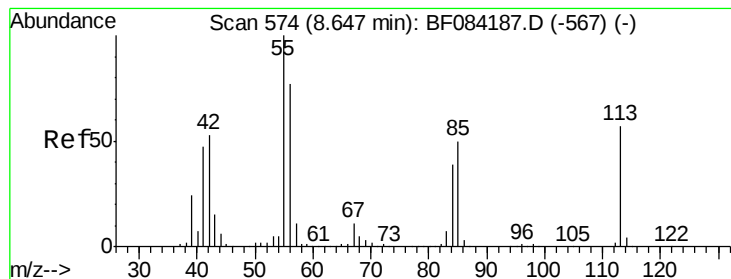


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.49 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.08 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampled :

PB87794BS

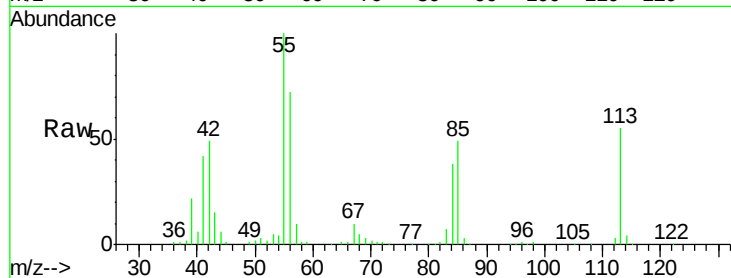
Tot Ion:113 Resp: 144523

Ion Ratio Lower Upper

113 100

55 182.9 116.9 156.9#

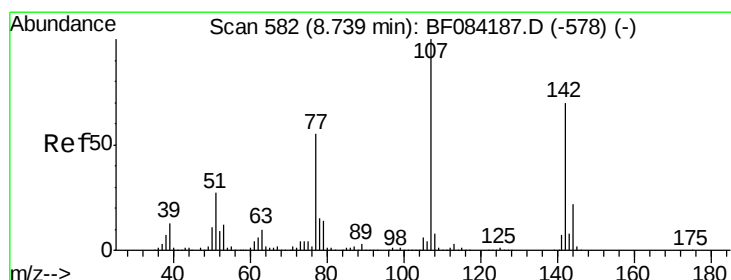
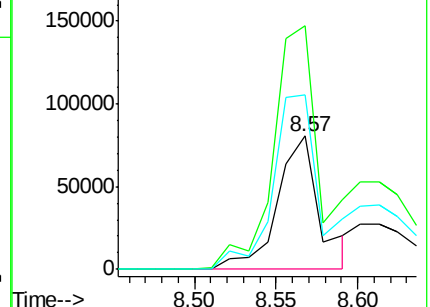
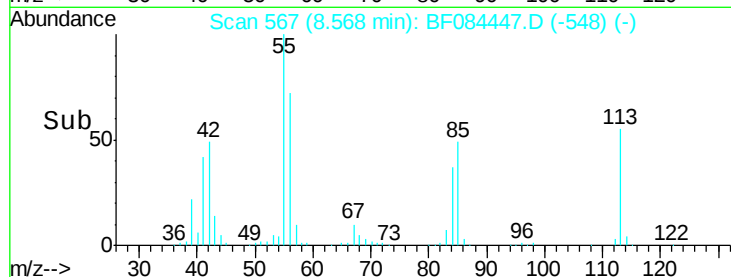
56 131.5 93.8 133.8



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: 35.23 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.05 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

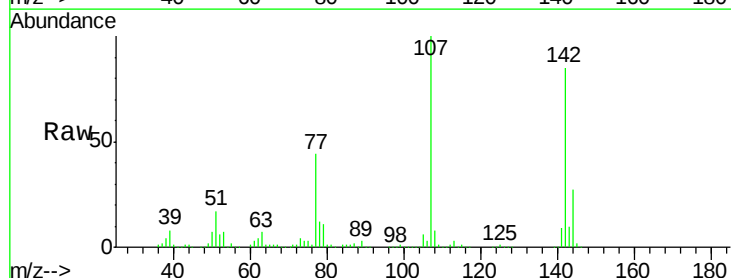
Tgt Ion:107 Resp: 690715

Ion Ratio Lower Upper

107 100

144 27.2 19.7 29.5

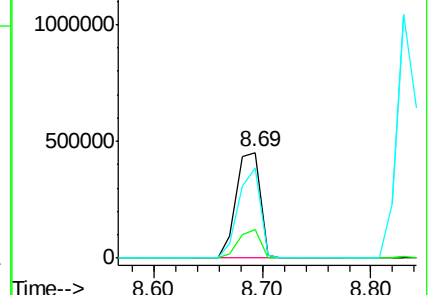
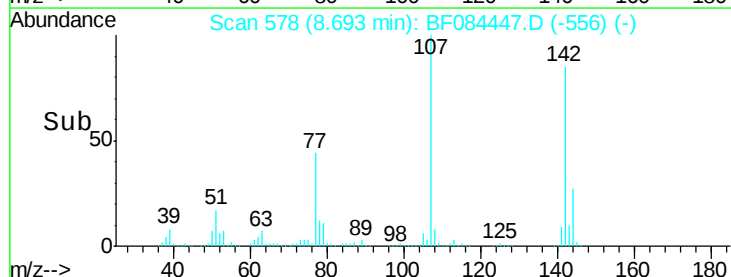
142 85.2 61.8 92.6

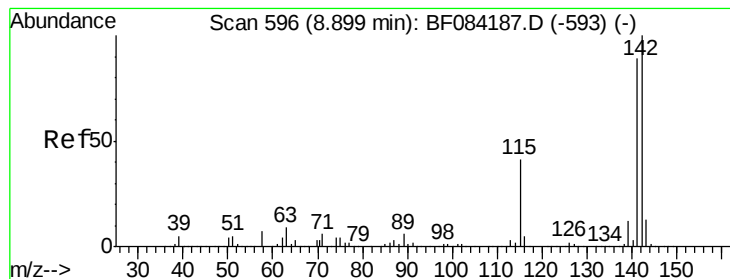


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

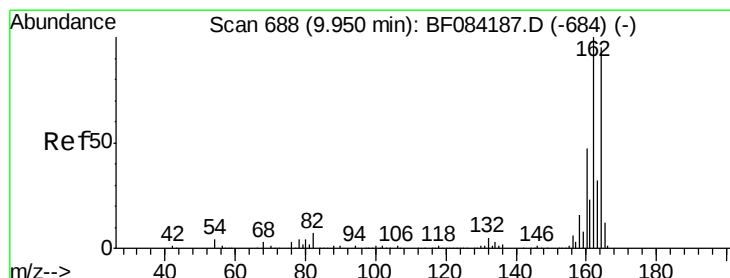
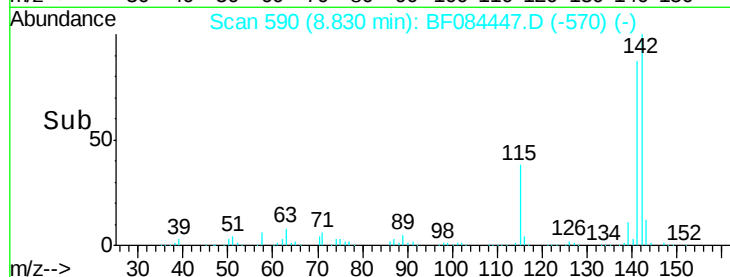
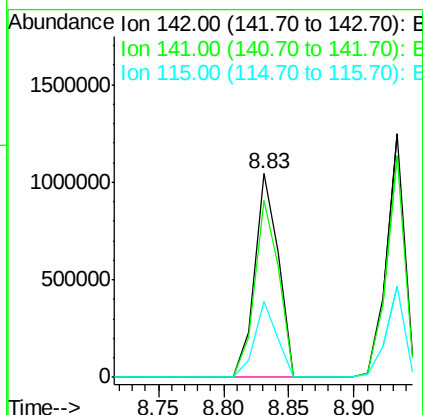
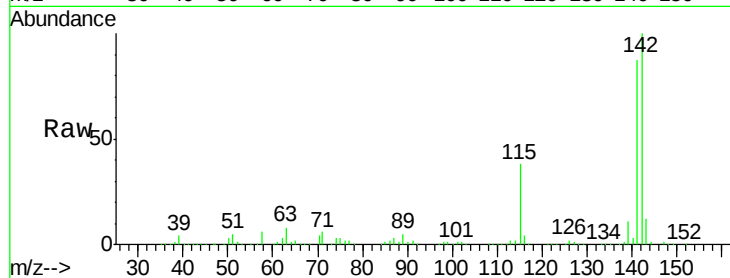




#37
2-Methylnaphthalene
Concen: 32.41 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.07 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

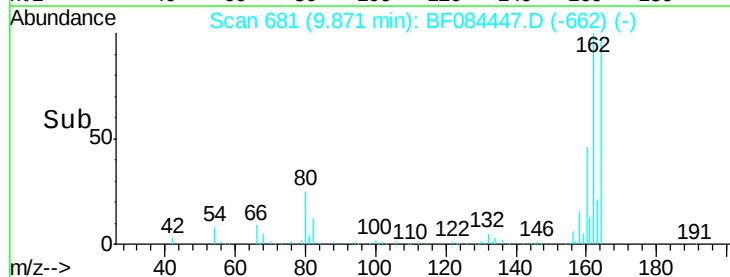
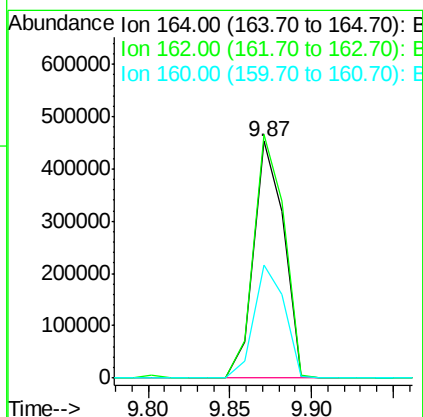
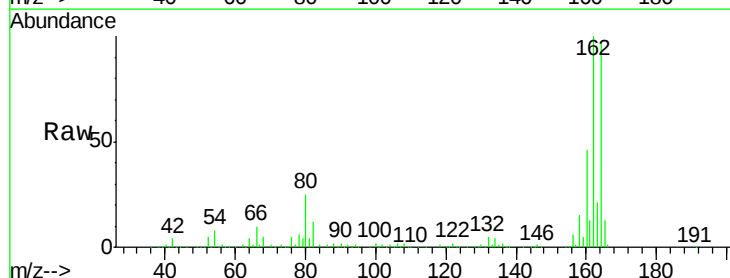
Instrument :
BNA_F
ClientSampleId :
PB87794BS

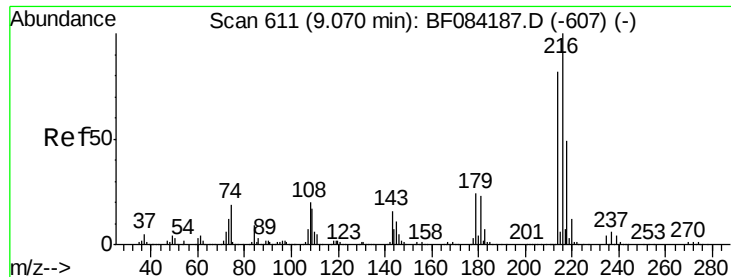
Tot Ion:142 Resp: 1321454
Ion Ratio Lower Upper
142 100
141 87.3 72.4 108.6
115 37.6 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.08 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

Tgt Ion:164 Resp: 579612
Ion Ratio Lower Upper
164 100
162 102.8 85.1 127.7
160 47.5 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.83 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

Tot Ion:216 Resp: 563757

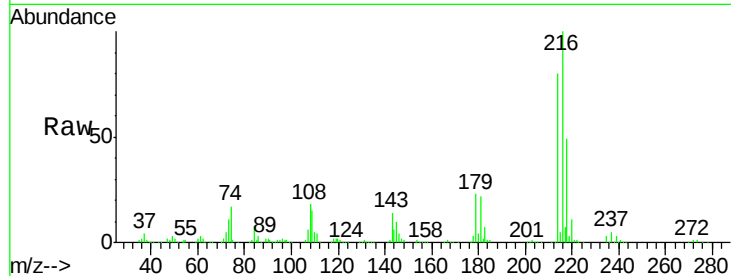
Ion Ratio Lower Upper

216 100

214 80.4 64.2 96.2

179 23.2 18.7 28.1

108 23.9 16.8 25.2

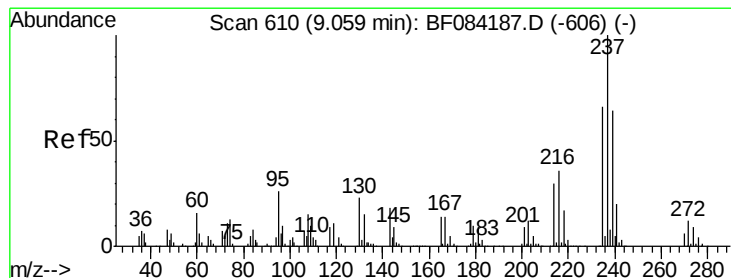
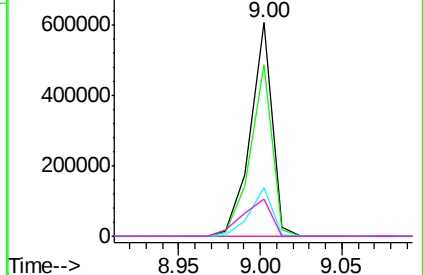
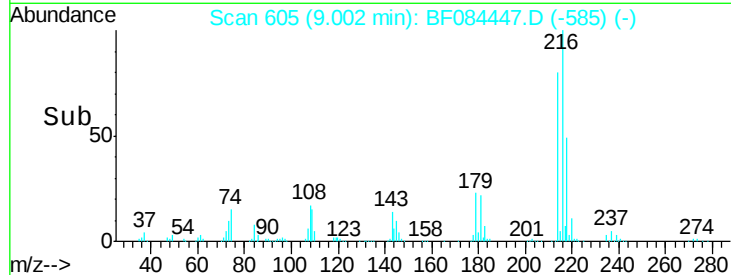


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 56.30 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

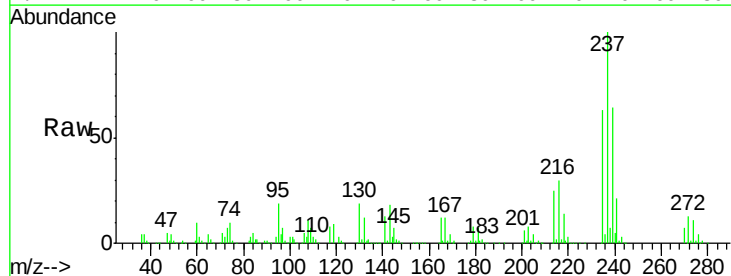
Tgt Ion:237 Resp: 566362

Ion Ratio Lower Upper

237 100

235 63.2 43.1 83.1

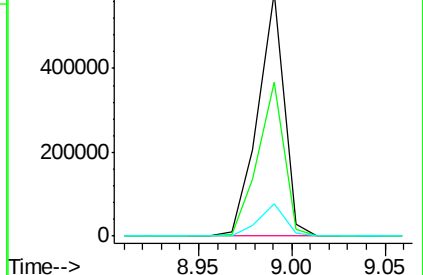
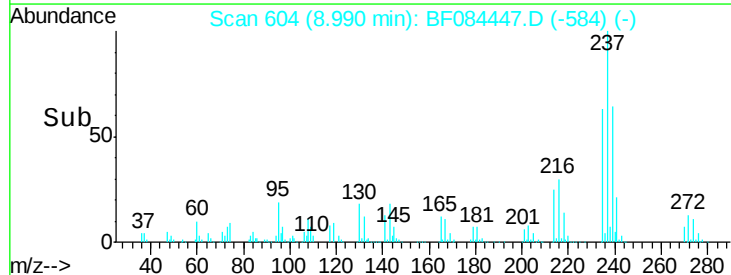
272 13.2 0.0 35.1

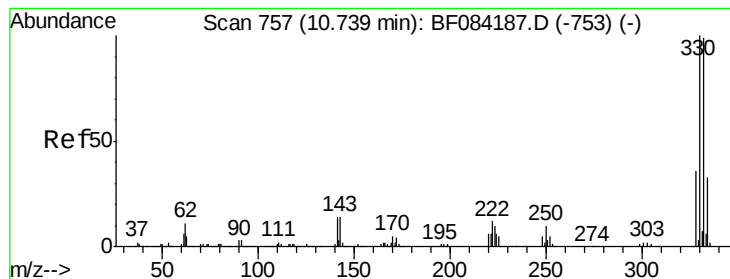


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 97.60 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

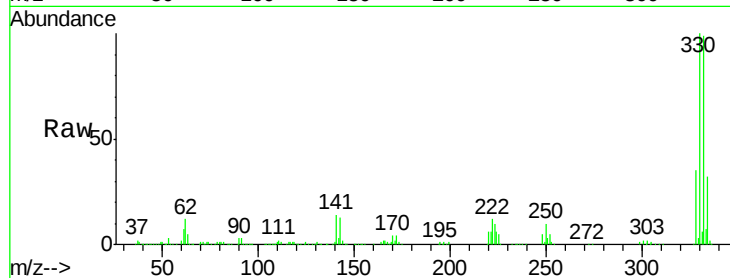
Tot Ion:330 Resp: 571098

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

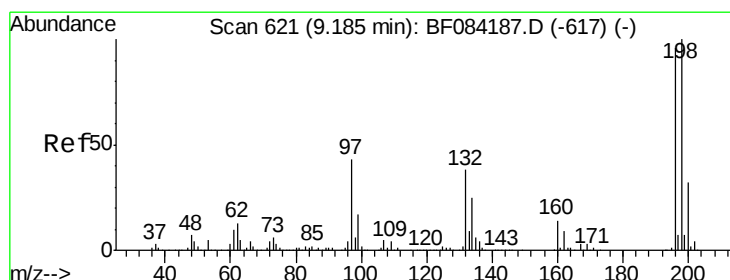
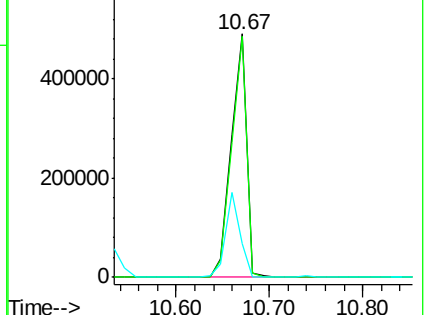
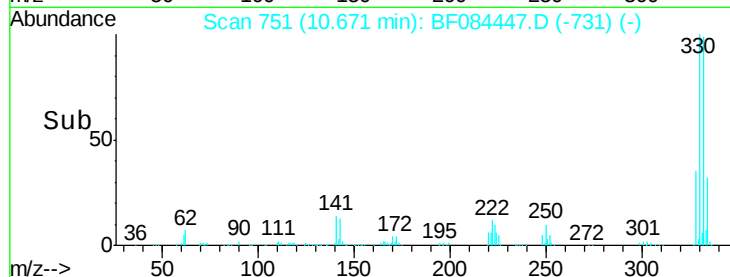
141 32.7 27.8 41.6



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: 33.73 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

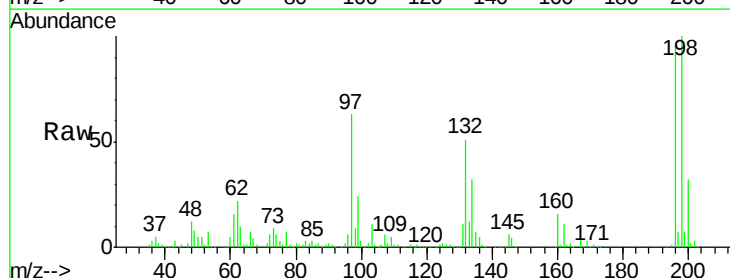
Tgt Ion:196 Resp: 420537

Ion Ratio Lower Upper

196 100

198 103.7 77.7 116.5

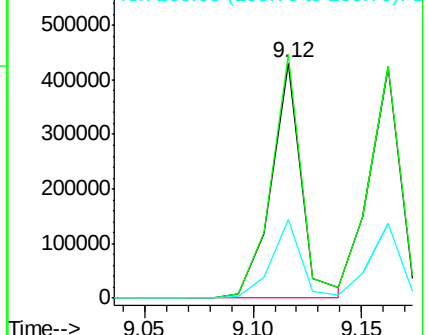
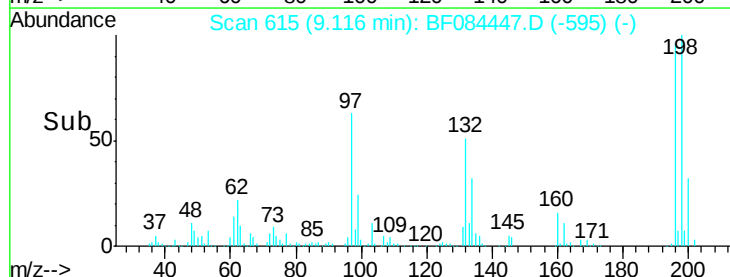
200 33.4 24.6 37.0



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

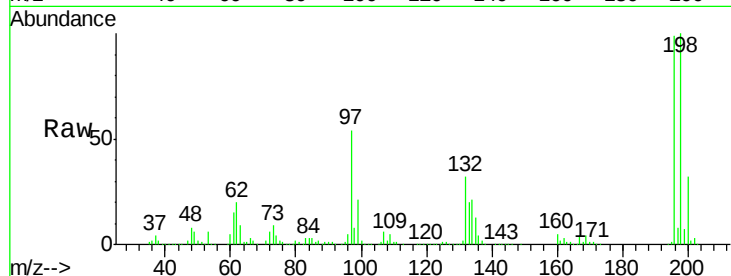




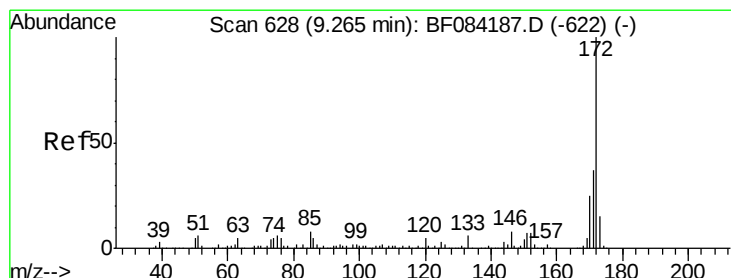
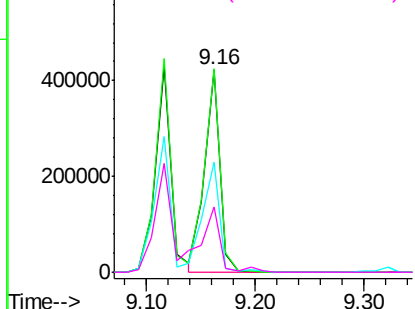
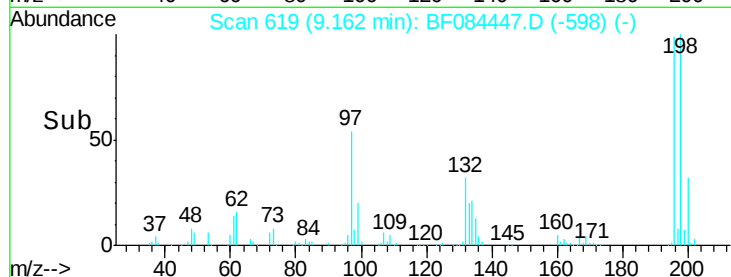
#43
 2,4,5-Trichlorophenol
 Concen: 35.18 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF084447.D
 Acq: 13 Jan 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB87794BS

Tot Ion:196 Resp: 420479
 Ion Ratio Lower Upper
 196 100
 198 100.5 79.0 118.6
 97 54.5 33.0 49.6#
 132 32.0 21.1 31.7#

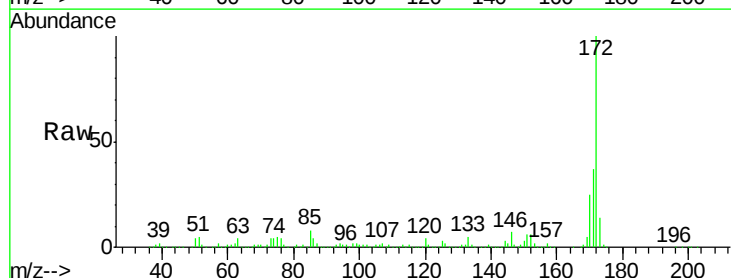


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

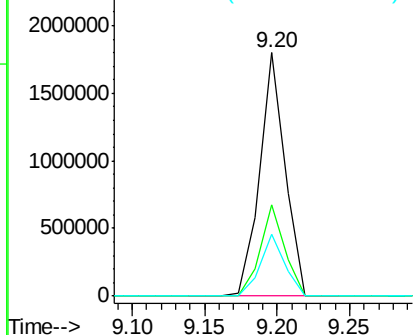
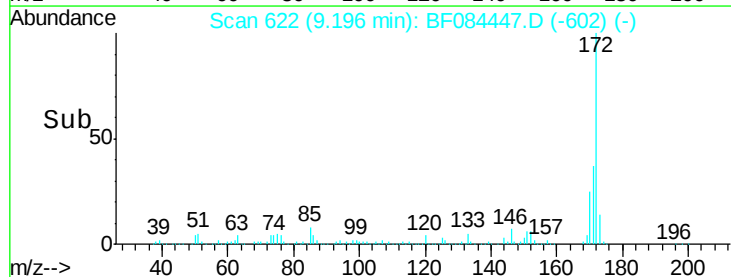


#44
 2-Fluorobiphenyl
 Concen: 64.39 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.07 min
 Lab File: BF084447.D
 Acq: 13 Jan 2016 17:54

Tgt Ion:172 Resp: 2172091
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 25.5 18.6 27.8



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





#45

1,1'-Biphenyl

Concen: 34.74 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

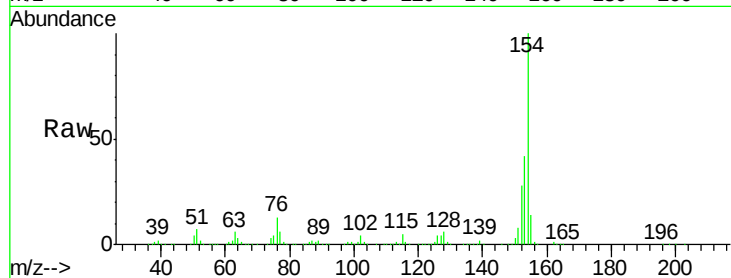
Tot Ion:154 Resp: 1600159

Ion Ratio Lower Upper

154 100

153 42.1 21.6 61.6

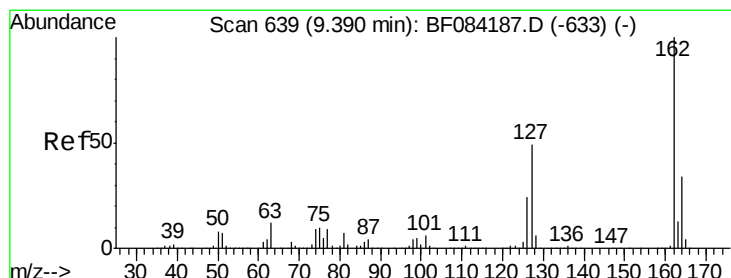
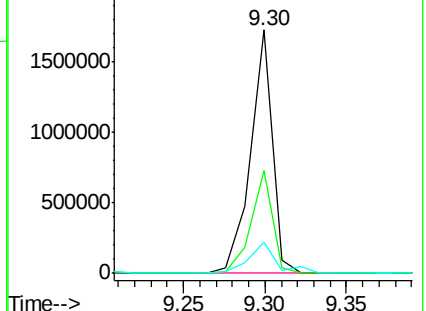
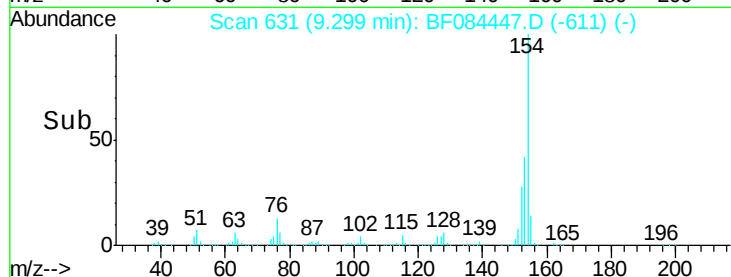
76 12.8 0.0 32.7



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: 33.33 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

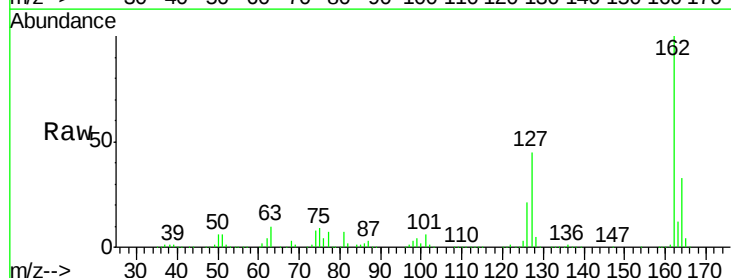
Tgt Ion:162 Resp: 1205838

Ion Ratio Lower Upper

162 100

127 45.0 40.2 60.4

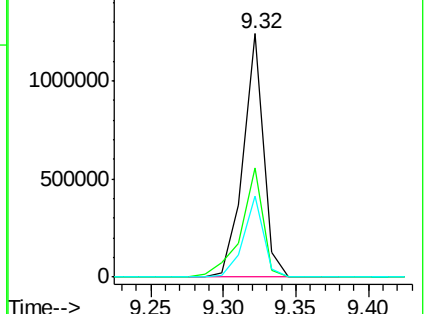
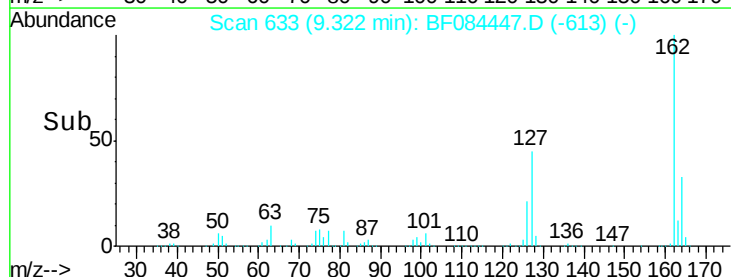
164 33.3 25.7 38.5

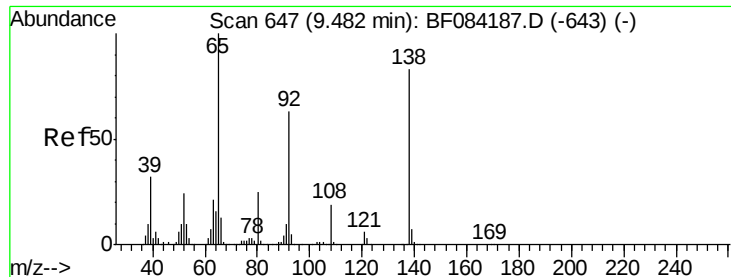


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

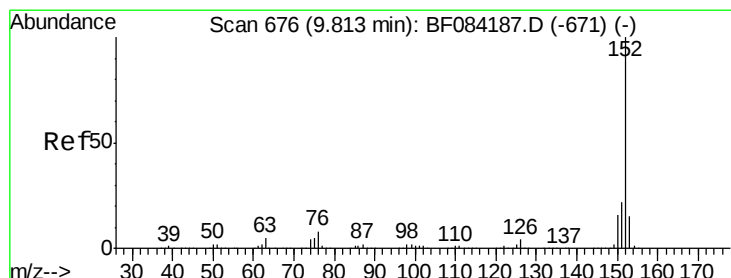
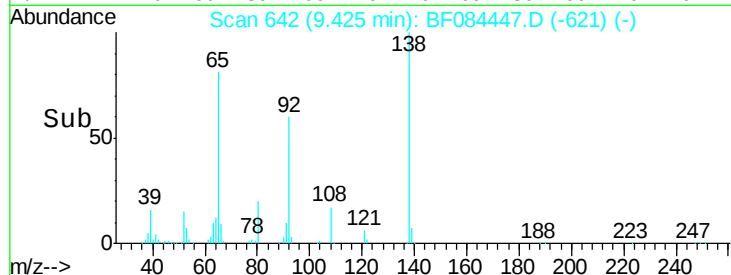
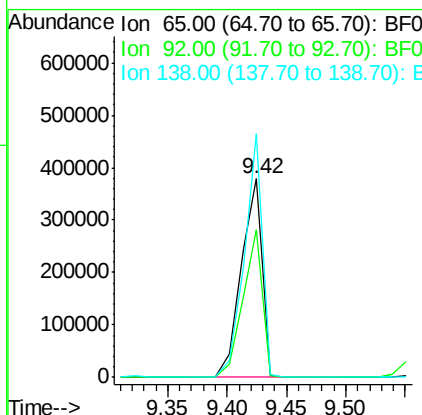
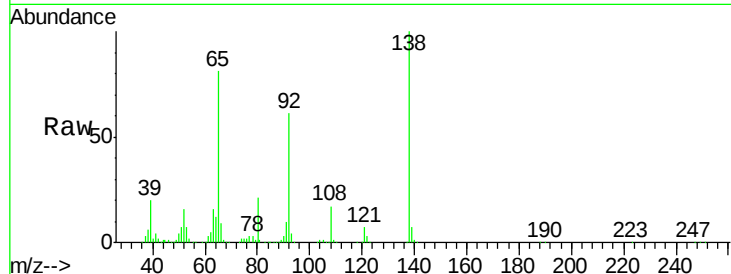




#47
2-Nitroaniline
Concen: 38.62 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.06 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

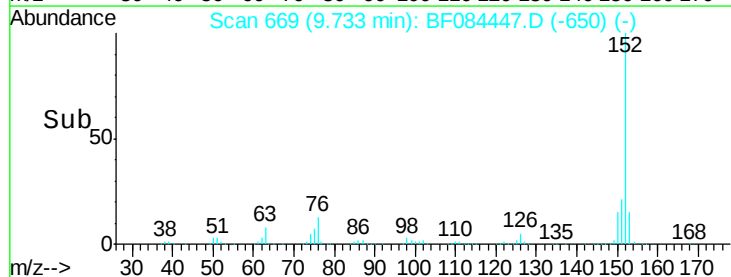
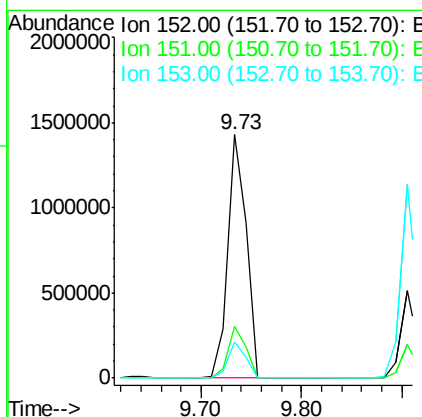
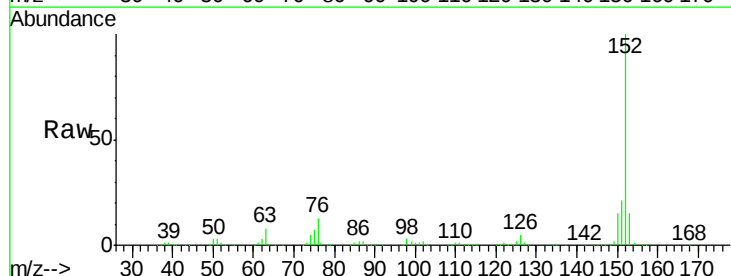
Instrument :
BNA_F
ClientSampleId :
PB87794BS

Tot Ion: 65 Resp: 461178
Ion Ratio Lower Upper
65 100
92 74.3 53.4 80.2
138 122.8 71.1 106.7#



#48
Acenaphthylene
Concen: 34.03 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.08 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

Tgt Ion: 152 Resp: 1819340
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 15.0 10.4 15.6





#49

Dimethylphthalate

Concen: 37.37 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

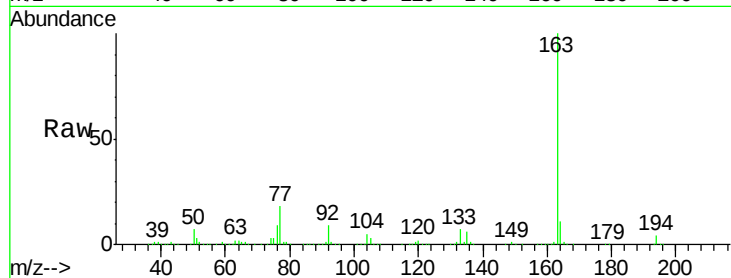
Tot Ion:163 Resp: 1548362

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

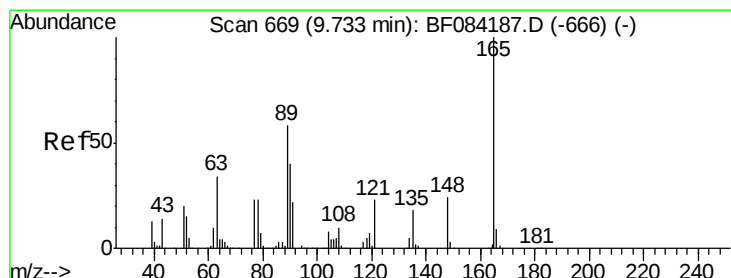
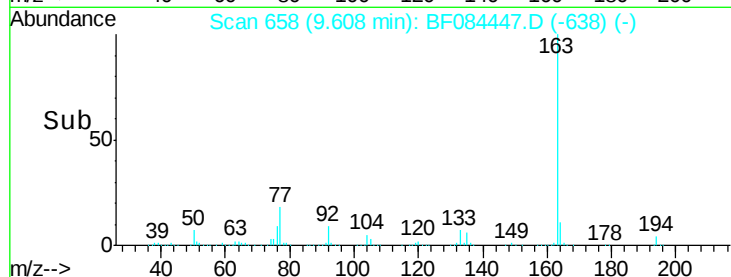
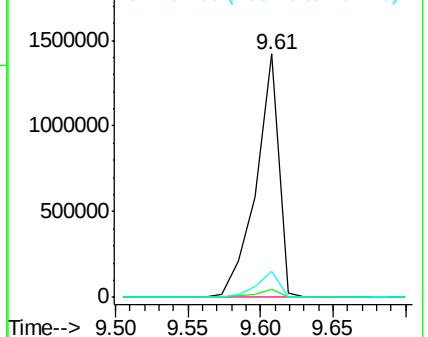
164 10.5 8.0 12.0



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: 37.66 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

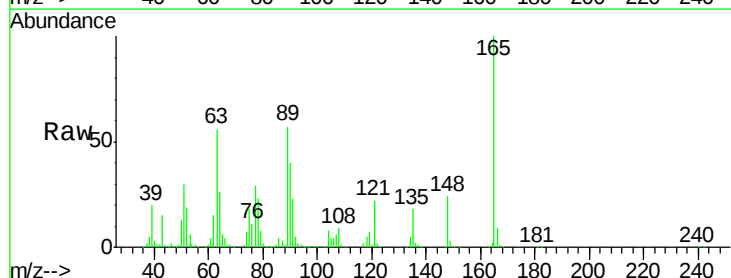
Tgt Ion:165 Resp: 342230

Ion Ratio Lower Upper

165 100

63 56.0 28.8 43.2#

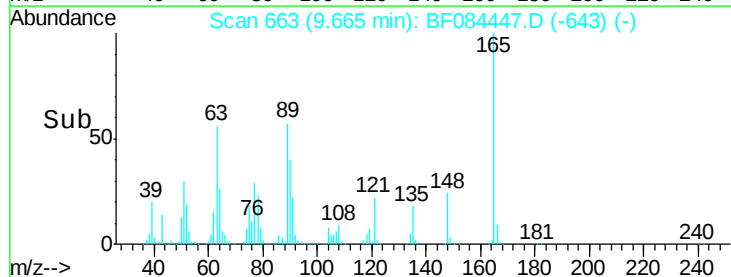
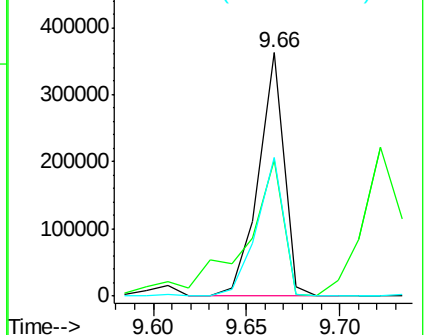
89 57.1 35.1 52.7#

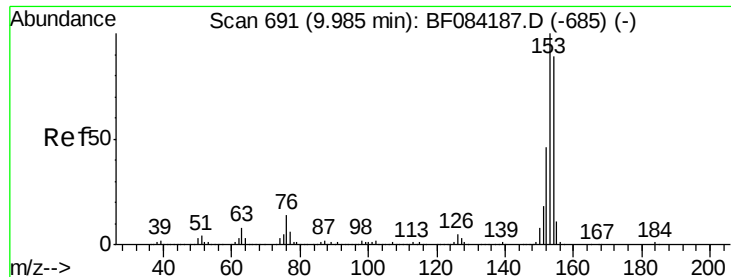


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.15 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.08 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

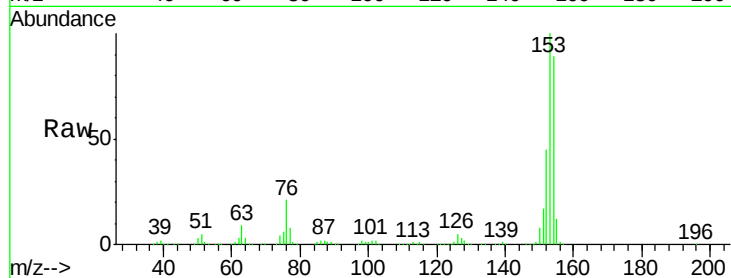
Tot Ion:154 Resp: 1332206

Ion Ratio Lower Upper

154 100

153 112.8 91.5 137.3

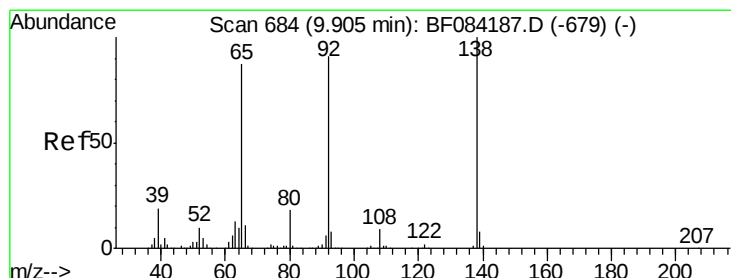
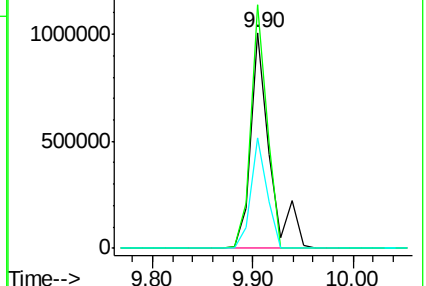
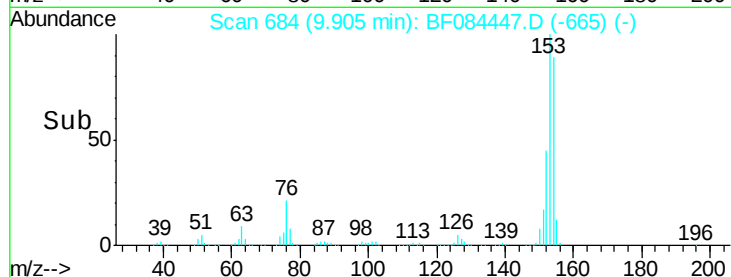
152 51.2 43.0 64.6



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: 15.79 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.08 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

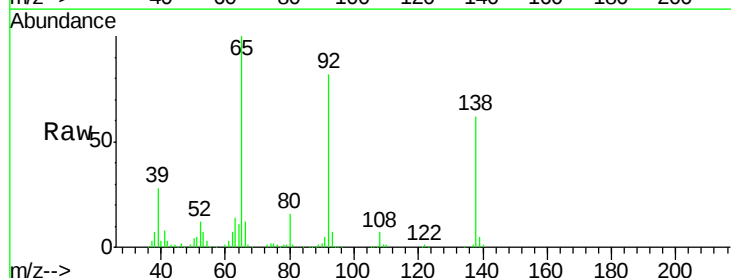
Tgt Ion:138 Resp: 177772

Ion Ratio Lower Upper

138 100

108 10.7 10.5 15.7

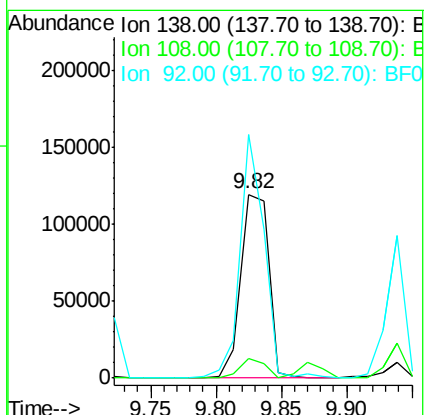
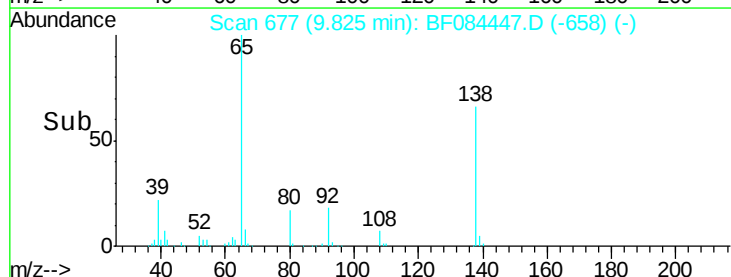
92 132.5 103.9 155.9



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

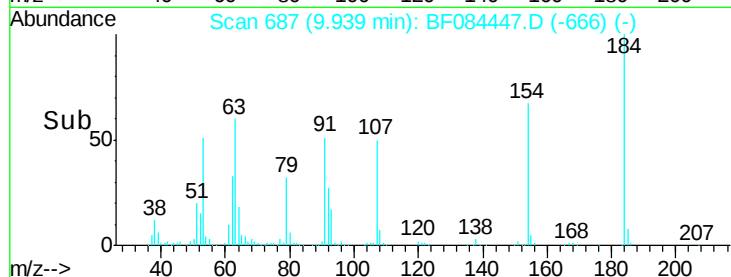
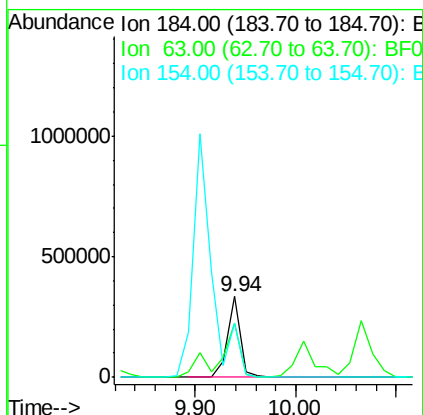
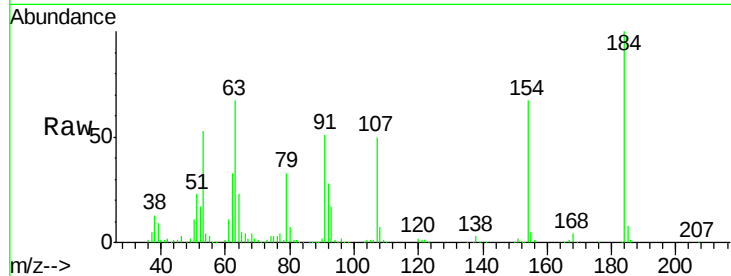




#53
2,4-Dinitrophenol
Concen: 80.08 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.06 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

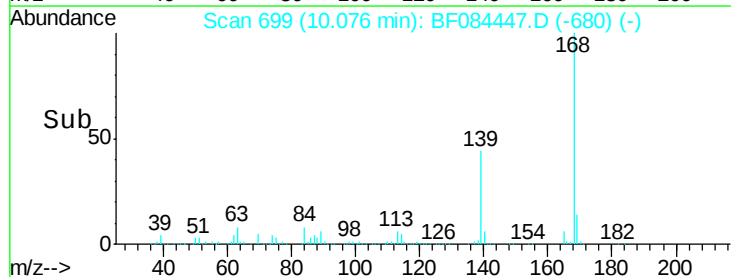
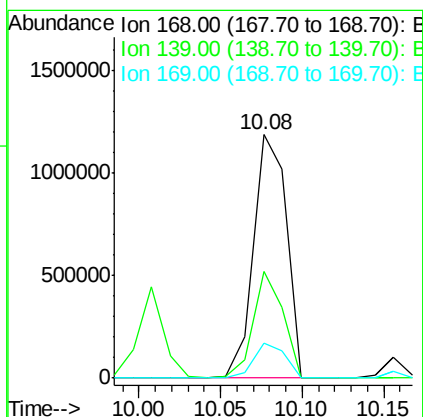
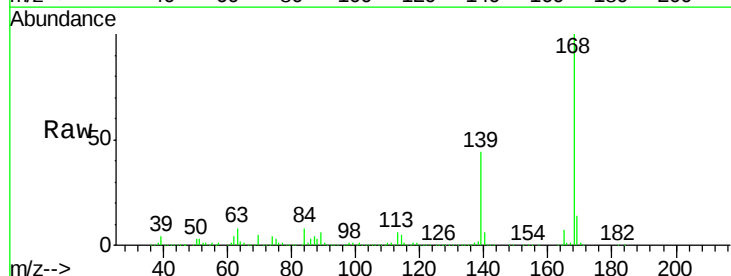
Instrument :
BNA_F
ClientSampleId :
PB87794BS

Tot Ion:184 Resp: 310018
Ion Ratio Lower Upper
184 100
63 66.8 43.1 64.7#
154 67.5 60.5 90.7



#54
Dibenzofuran
Concen: 35.10 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.08 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

Tgt Ion:168 Resp: 1660297
Ion Ratio Lower Upper
168 100
139 44.1 30.5 45.7
169 14.2 10.4 15.6

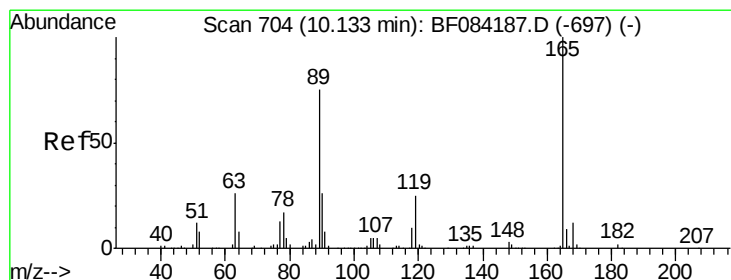
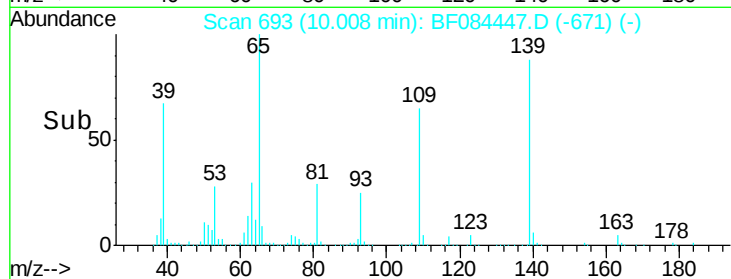
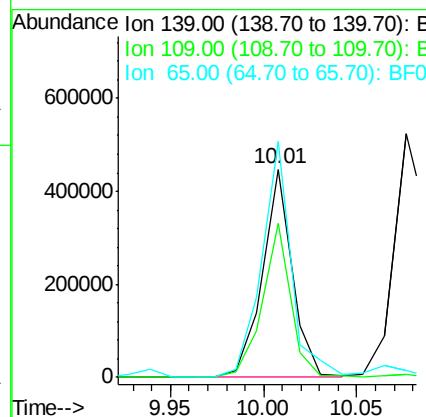
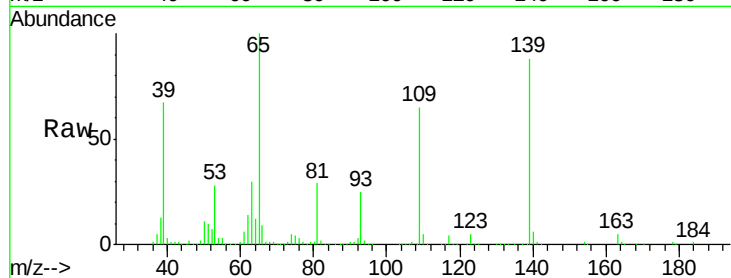




#55
4-Nitrophenol
Concen: 60.45 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

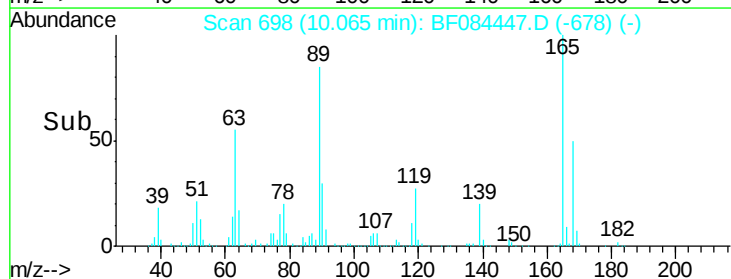
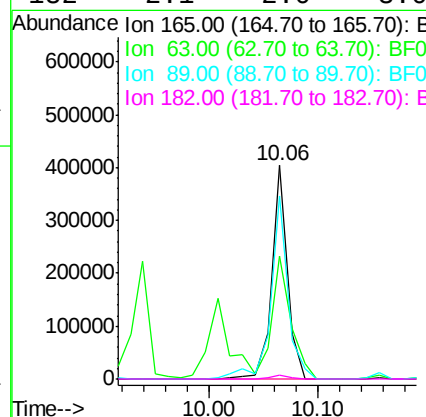
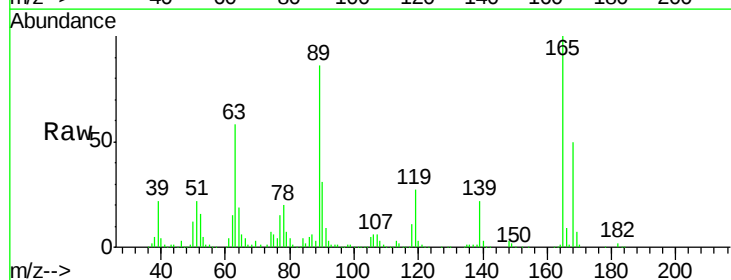
Instrument :
BNA_F
ClientSampleId :
PB87794BS

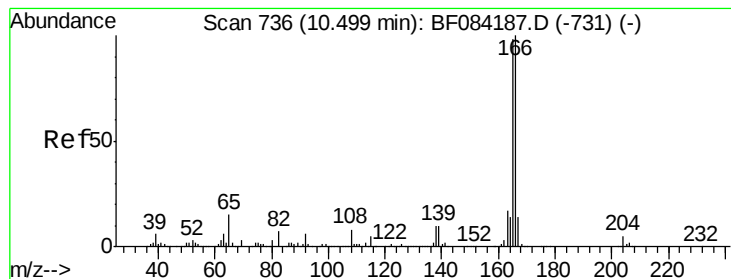
Tot Ion:139 Resp: 494157
Ion Ratio Lower Upper
139 100
109 74.2 58.5 98.5
65 113.4 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 35.42 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.07 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

Tgt Ion:165 Resp: 407434
Ion Ratio Lower Upper
165 100
63 57.8 36.7 55.1#
89 85.6 61.9 92.9
182 2.1 2.0 3.0





#57

Fluorene

Concen: 33.01 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.08 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

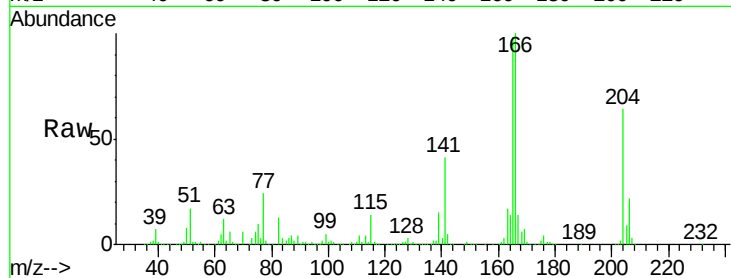
Tot Ion:166 Resp: 1208237

Ion Ratio Lower Upper

166 100

165 97.8 79.1 118.7

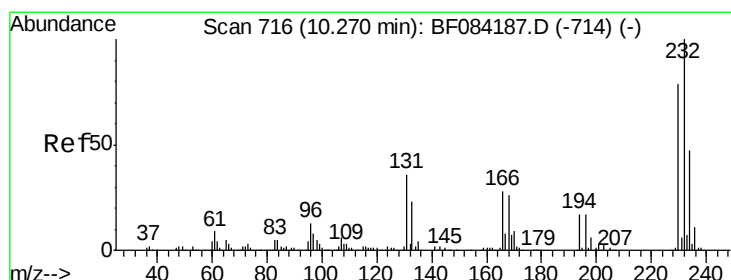
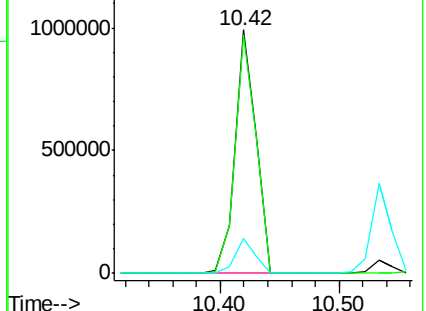
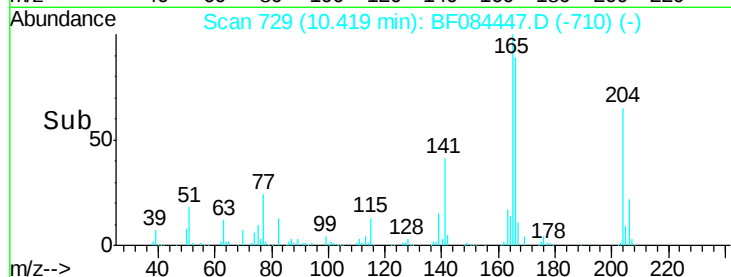
167 14.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.38 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Tgt Ion:232 Resp: 360971

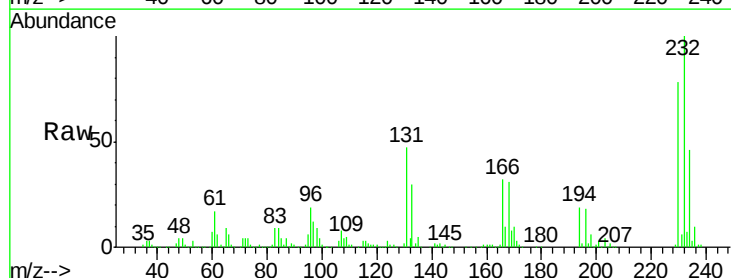
Ion Ratio Lower Upper

232 100

131 50.0 47.0 70.6

130 2.4 2.0 3.0

166 33.4 30.5 45.7

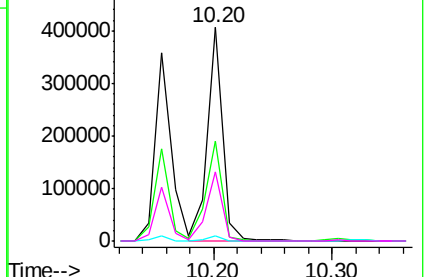
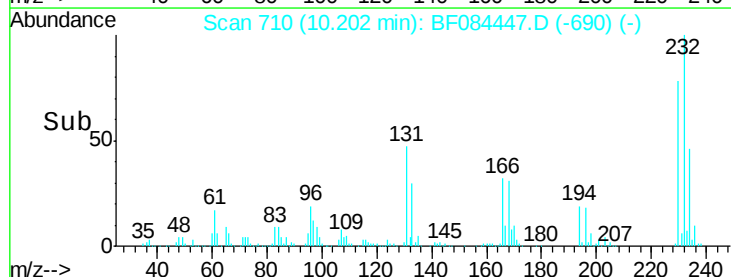


Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.87 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

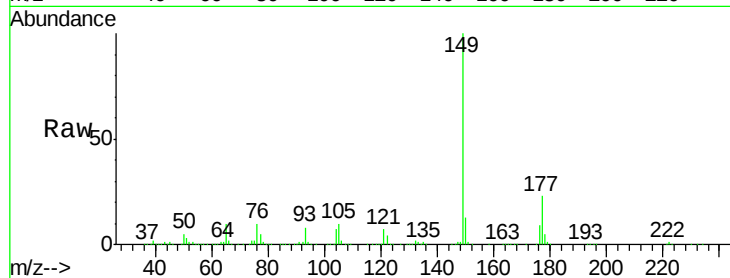
Tot Ion:149 Resp: 1465457

Ion Ratio Lower Upper

149 100

177 22.7 17.3 25.9

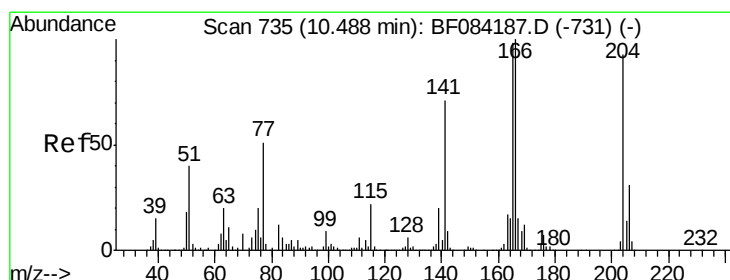
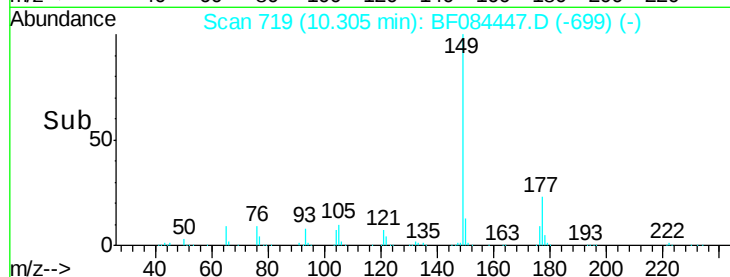
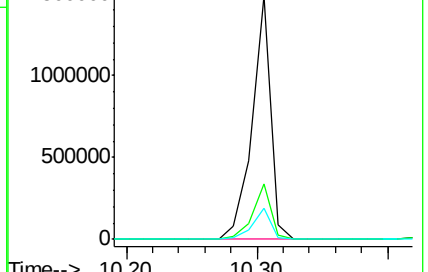
150 13.0 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.32 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

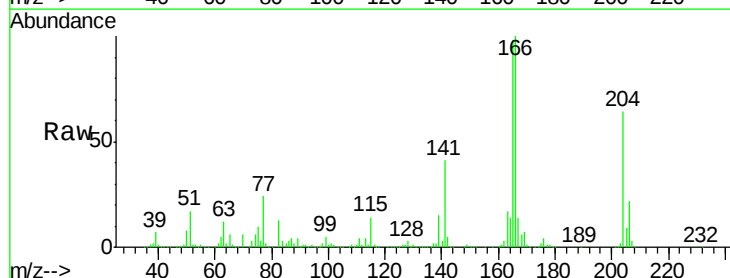
Tgt Ion:204 Resp: 610923

Ion Ratio Lower Upper

204 100

206 33.9 25.7 38.5

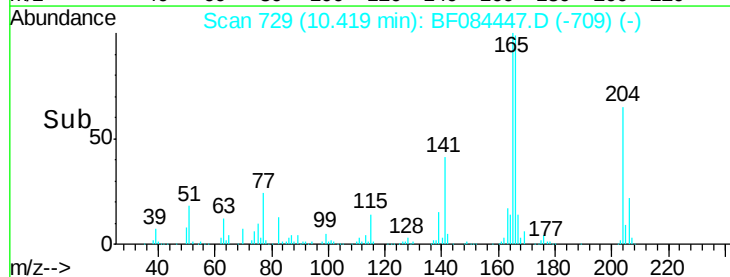
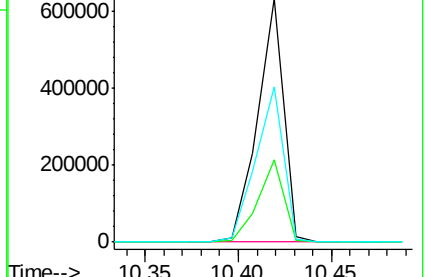
141 64.0 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.16 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

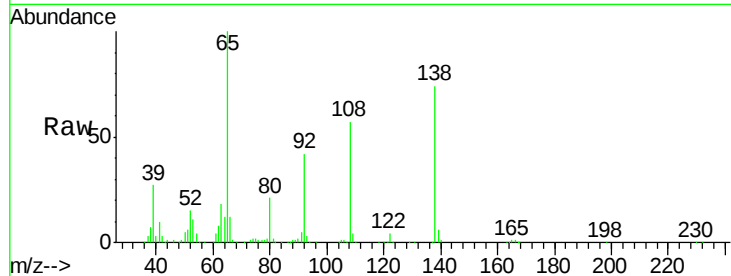
Tot Ion:138 Resp: 342897

Ion Ratio Lower Upper

138 100

92 56.4 32.6 72.6

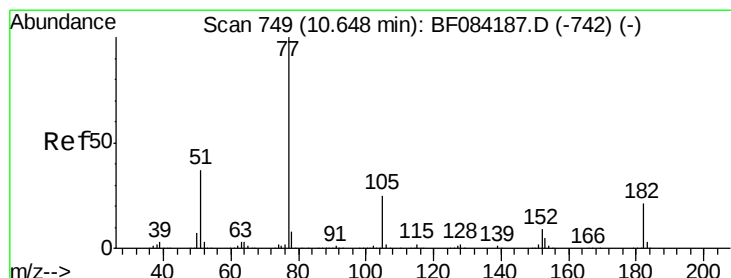
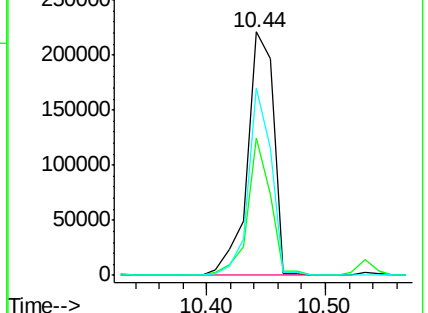
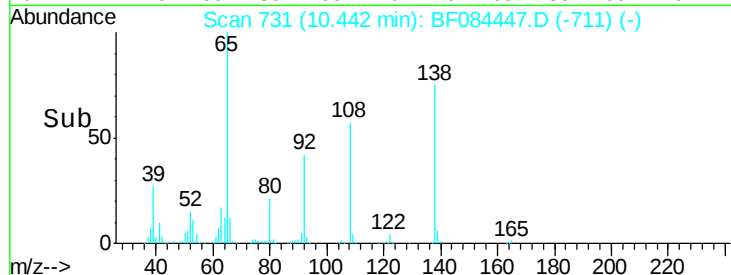
108 76.7 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.19 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Tgt Ion: 77 Resp: 1621615

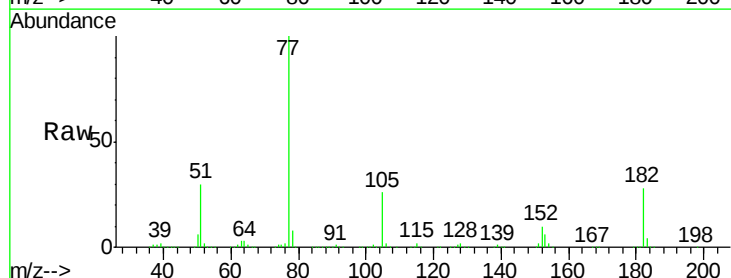
Ion Ratio Lower Upper

77 100

182 28.4 8.3 48.3

105 26.1 4.6 44.6

51 29.6 6.2 46.2

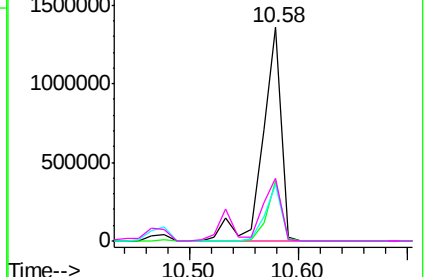
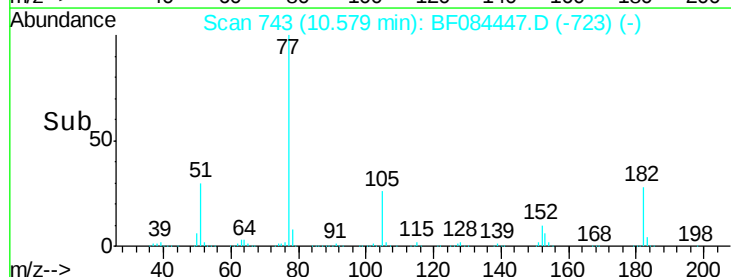


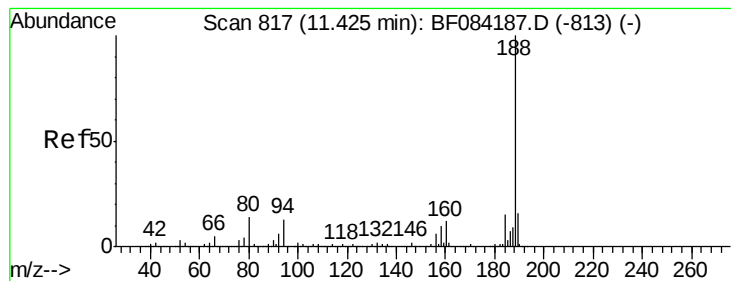
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

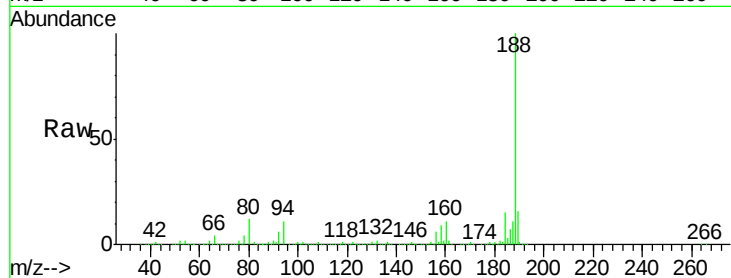
Tot Ion:188 Resp: 1077633

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.4

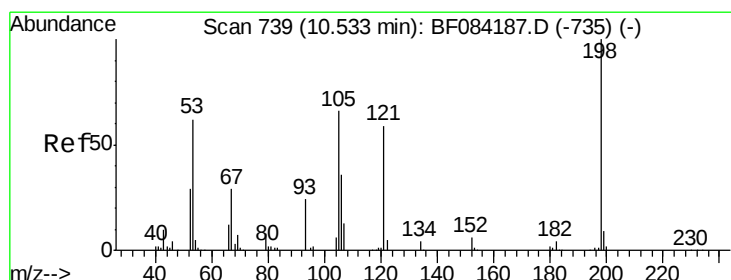
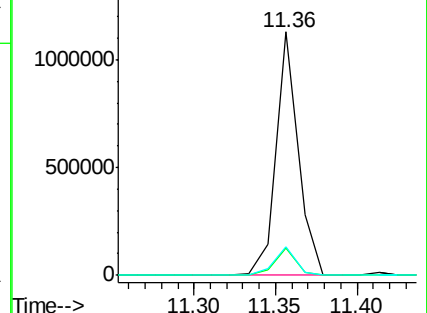
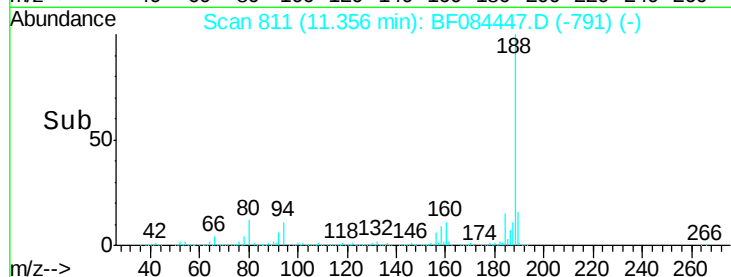
80 12.0 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.33 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

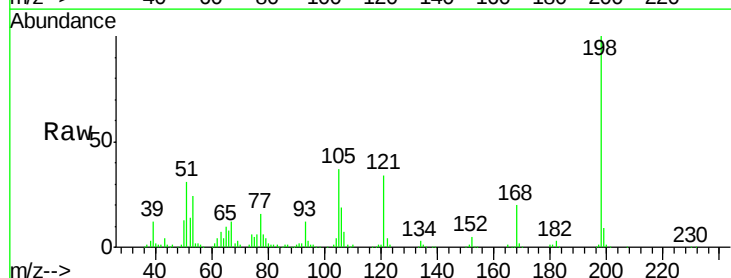
Tgt Ion:198 Resp: 231919

Ion Ratio Lower Upper

198 100

51 31.0 18.9 58.9

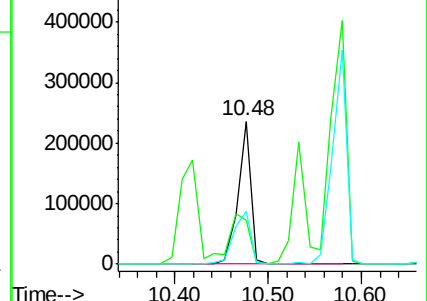
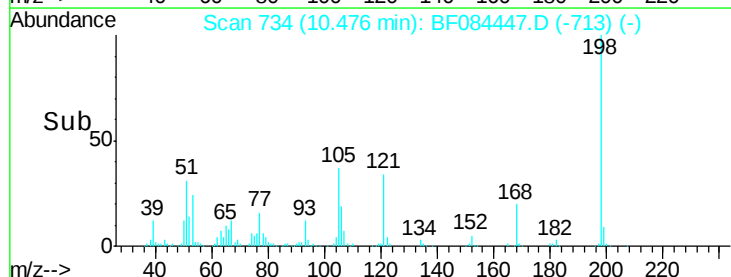
105 36.6 26.4 66.4

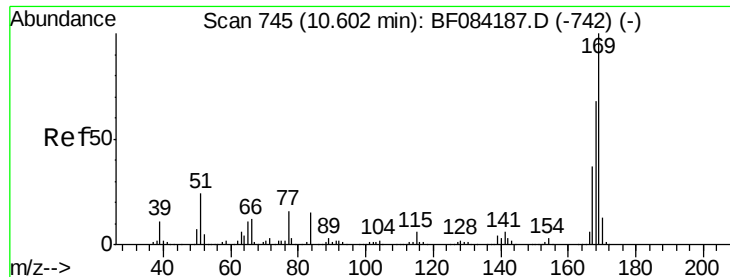


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 32.72 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

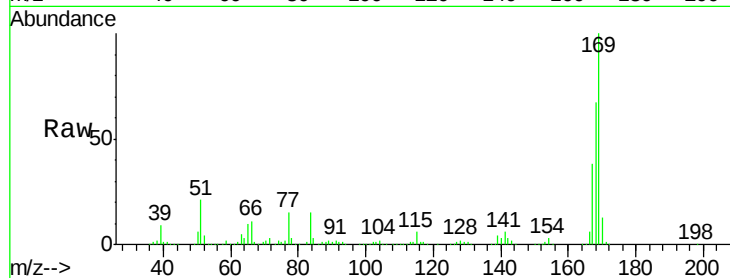
Tot Ion:169 Resp: 1127361

Ion Ratio Lower Upper

169 100

168 67.3 55.1 82.7

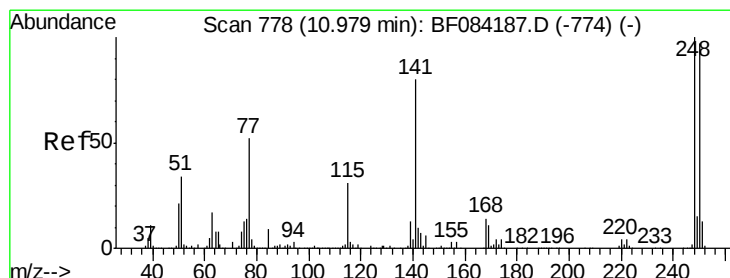
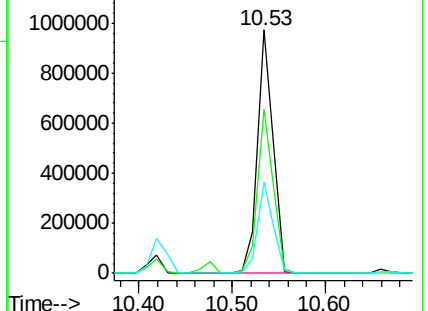
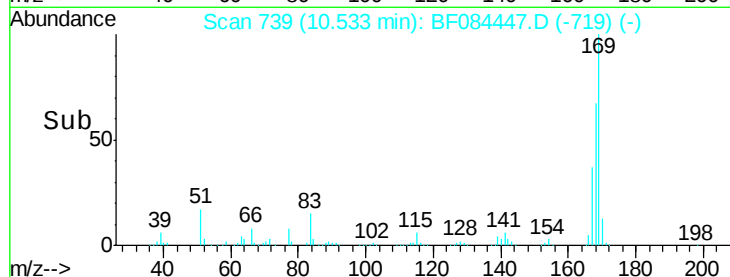
167 37.5 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.05 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

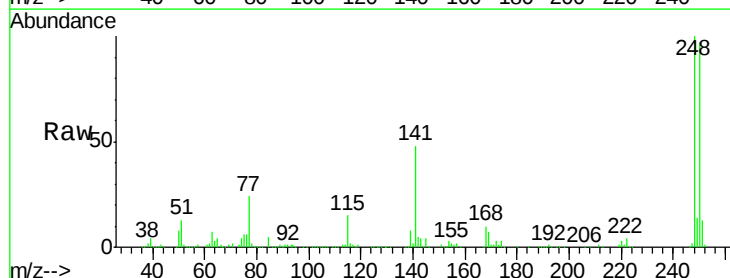
Tgt Ion:248 Resp: 406494

Ion Ratio Lower Upper

248 100

250 96.9 78.4 117.6

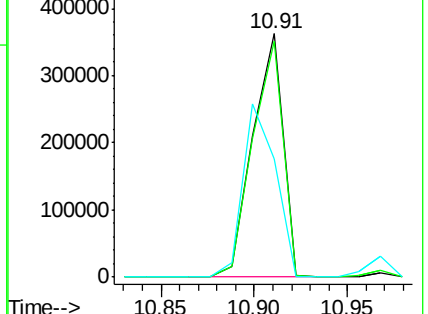
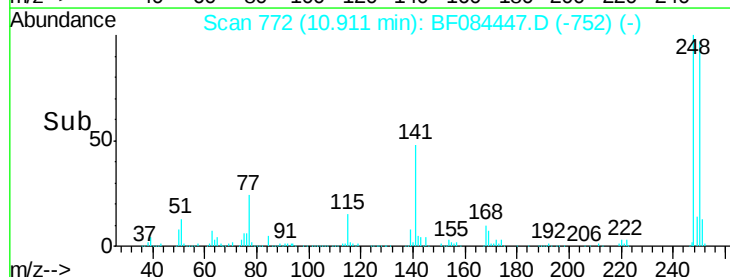
141 48.4 44.0 66.0

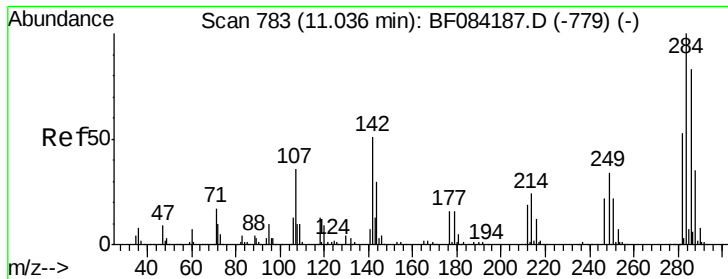


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

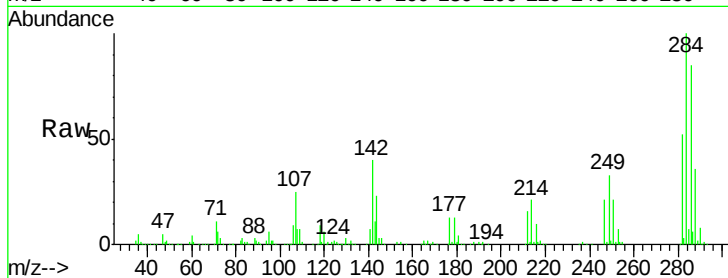




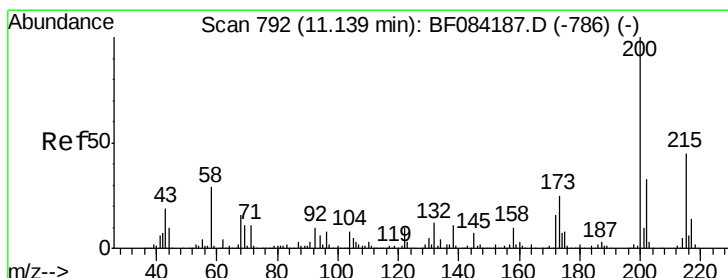
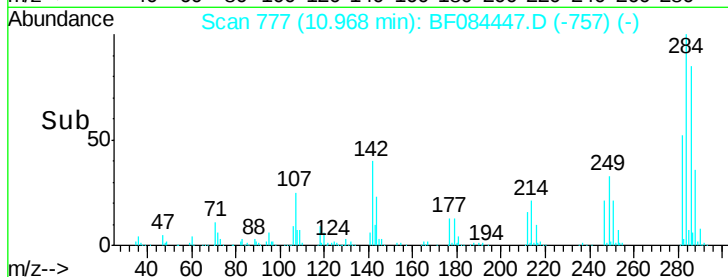
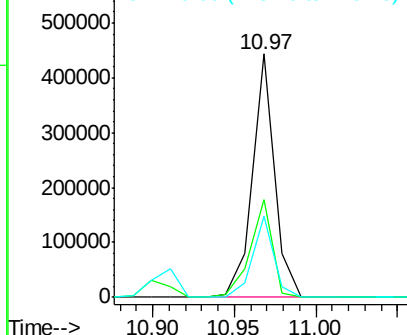
#67
Hexachlorobenzene
Concen: 32.00 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.07 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB87794BS

Tot Ion:284 Resp: 417748
Ion Ratio Lower Upper
284 100
142 39.9 22.2 33.4#
249 33.3 24.6 37.0

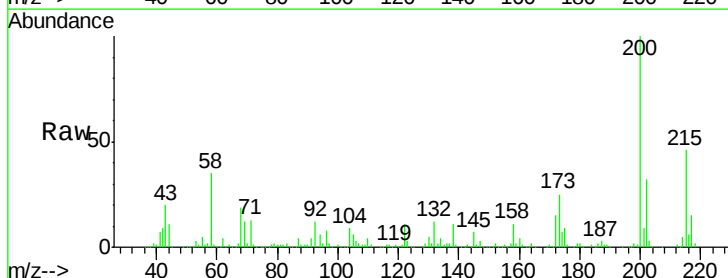


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

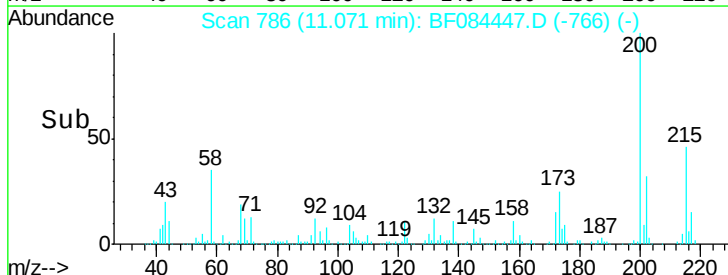
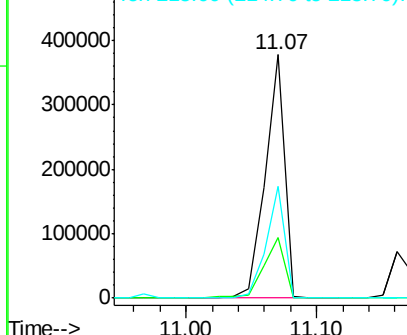


#68
Atrazine
Concen: 34.77 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.07 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

Tgt Ion:200 Resp: 391989
Ion Ratio Lower Upper
200 100
173 25.1 9.5 49.5
215 45.7 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

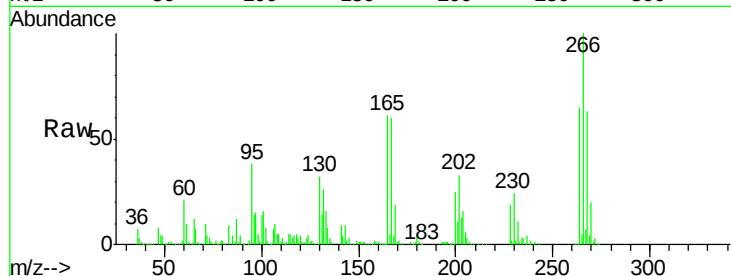




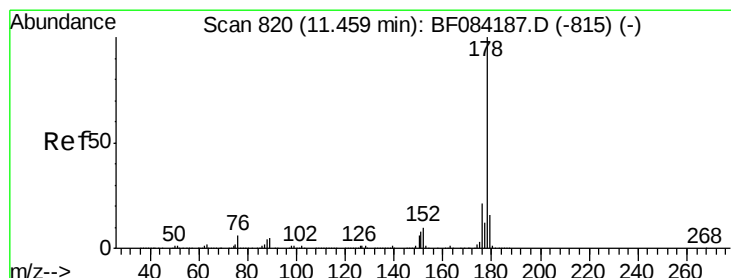
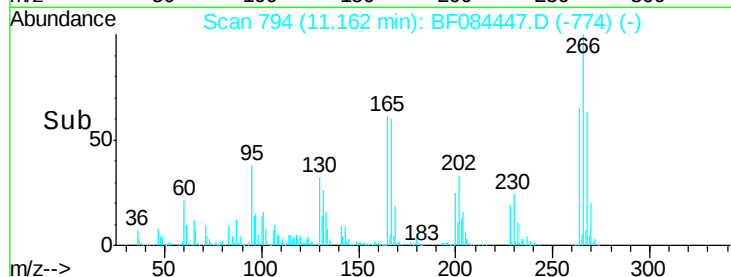
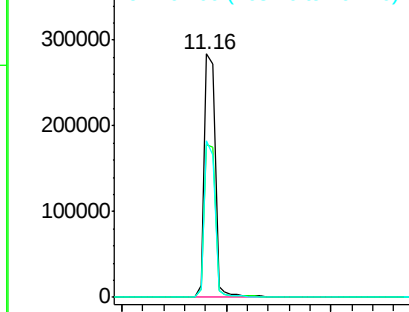
#69
 Pentachlorophenol
 Concen: 62.05 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.07 min
 Lab File: BF084447.D
 Acq: 13 Jan 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB87794BS

Tot Ion:266 Resp: 420046
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.4 78.6
 264 64.6 50.2 75.2

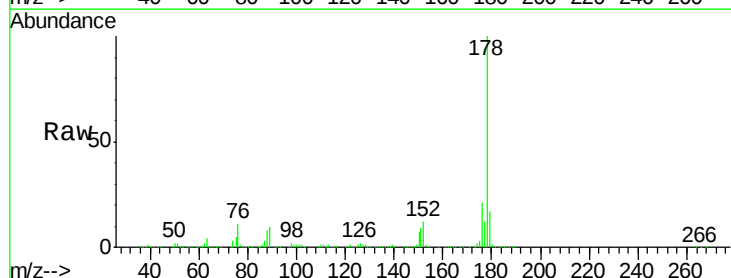


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

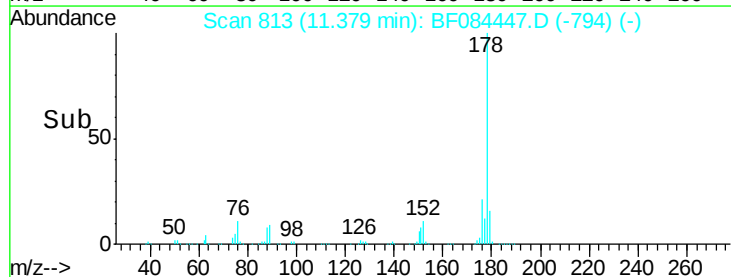
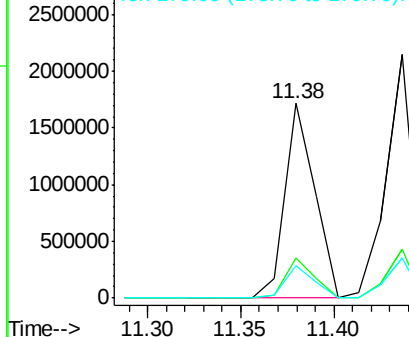


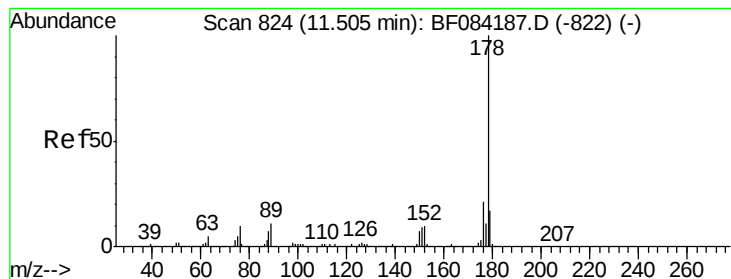
#70
 Phenanthrene
 Concen: 34.02 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.08 min
 Lab File: BF084447.D
 Acq: 13 Jan 2016 17:54

Tgt Ion:178 Resp: 1917388
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.3 22.9
 179 16.6 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: 36.81 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

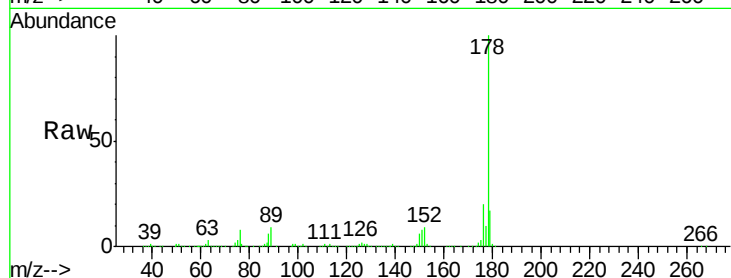
Tot Ion:178 Resp: 2034123

Ion Ratio Lower Upper

178 100

176 20.3 15.4 23.0

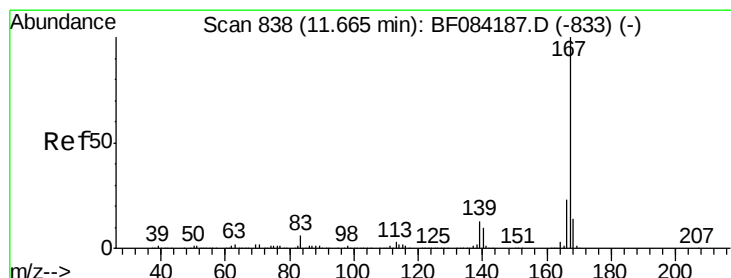
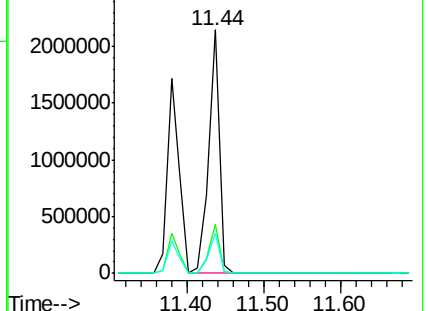
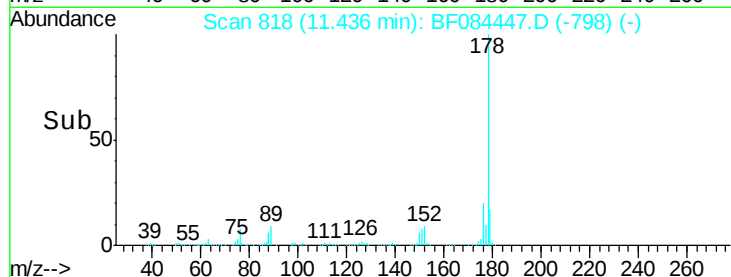
179 16.7 12.5 18.7



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: 35.28 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

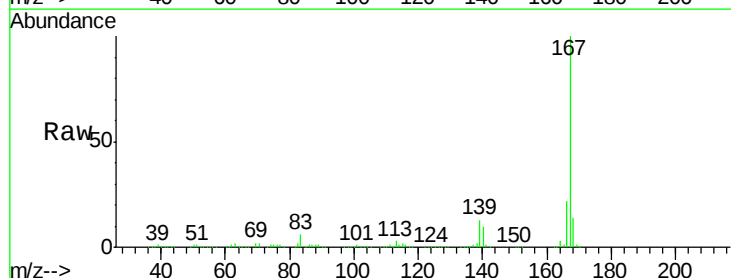
Tgt Ion:167 Resp: 1905892

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

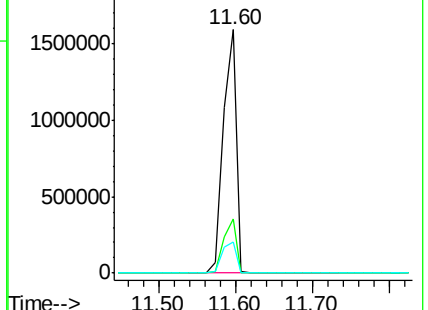
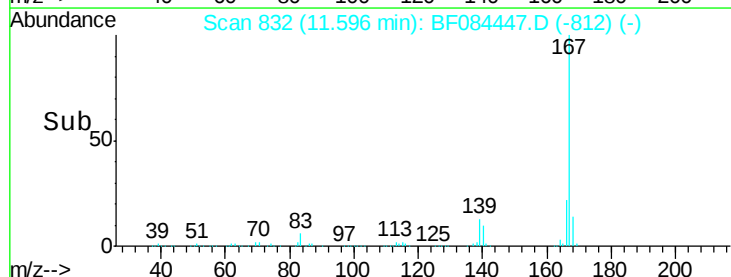
139 12.7 11.8 17.8

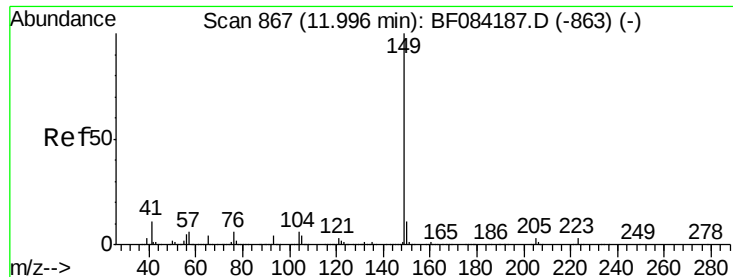


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.75 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

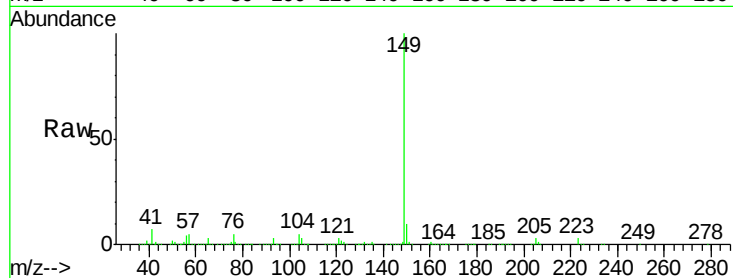
Tot Ion:149 Resp: 2216281

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

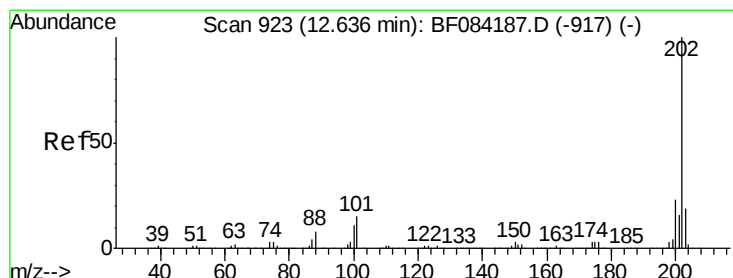
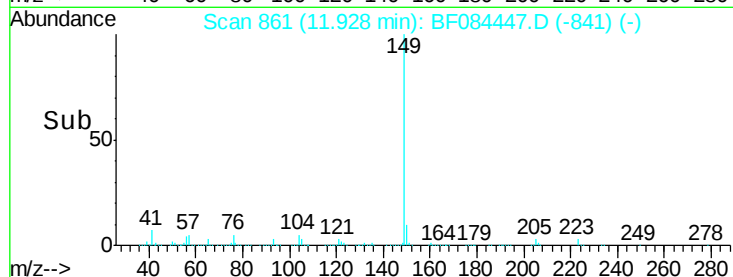
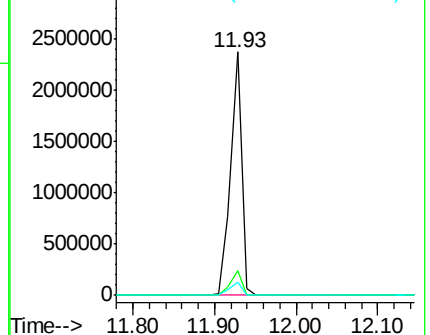
104 5.4 3.2 4.8#



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: 33.01 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

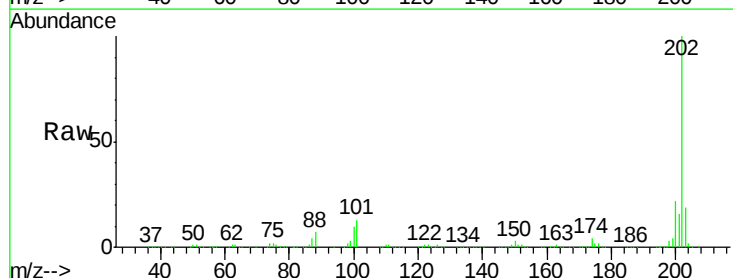
Tgt Ion:202 Resp: 1943858

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.8

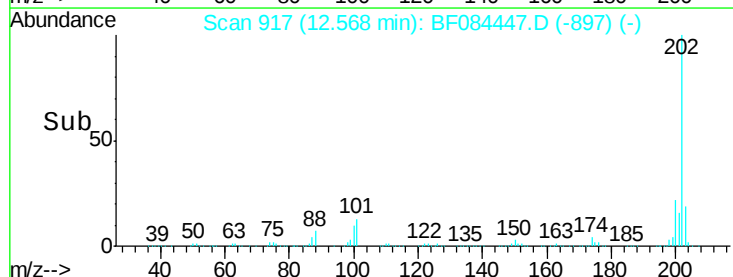
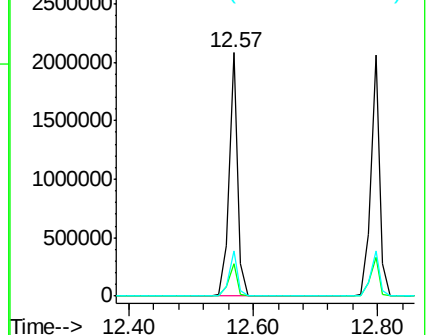
203 18.8 0.0 37.9

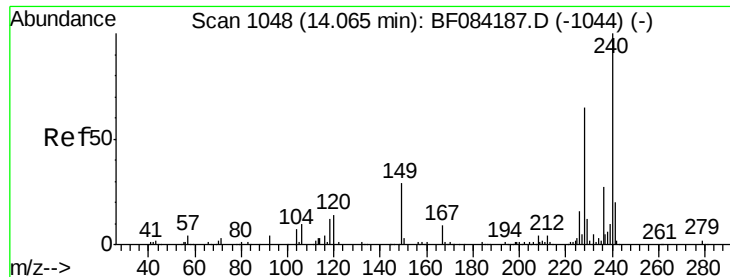


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampled :

PB87794BS

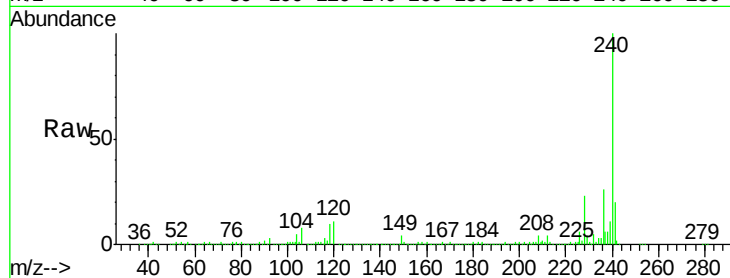
Tot Ion:240 Resp: 912001

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

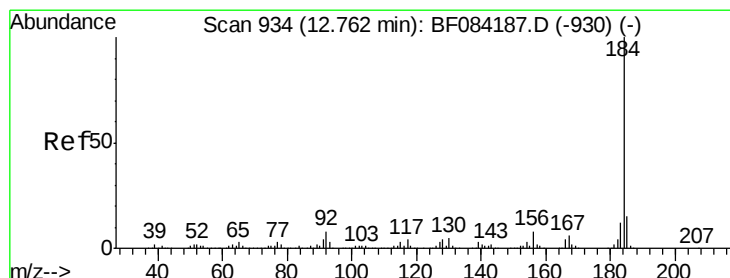
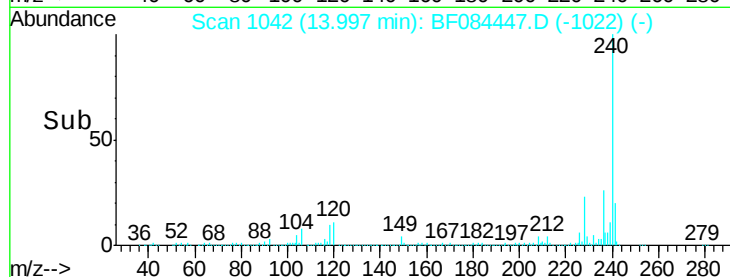
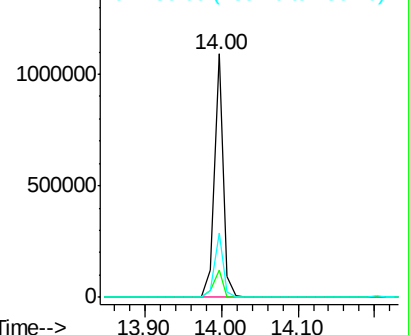
236 26.4 20.6 31.0



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: 12.88 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

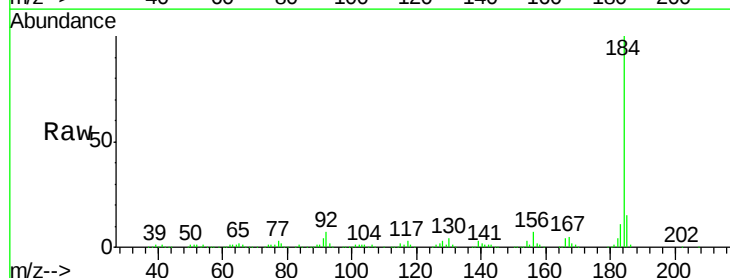
Tgt Ion:184 Resp: 421037

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

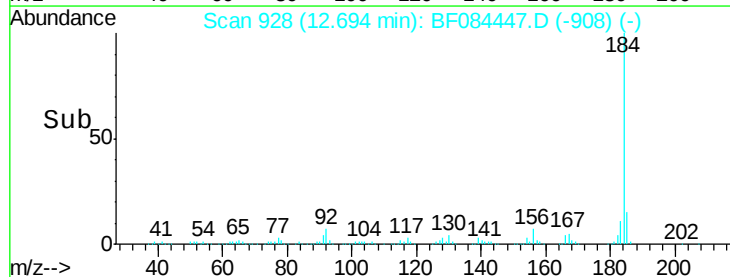
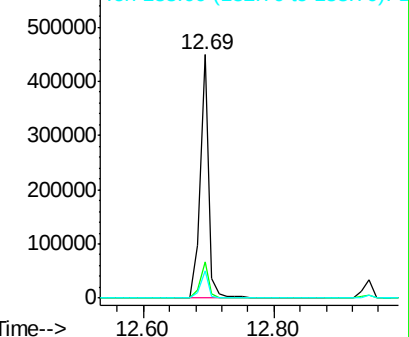
183 11.4 9.8 14.8

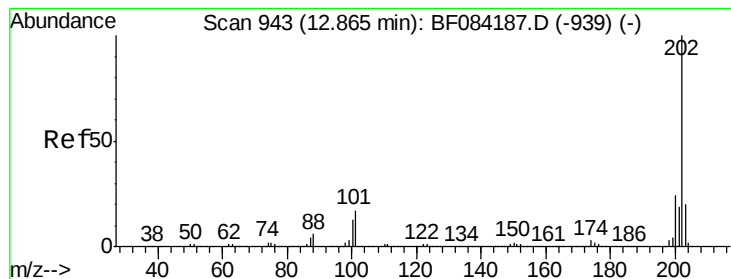


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 27.83 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampled :

PB87794BS

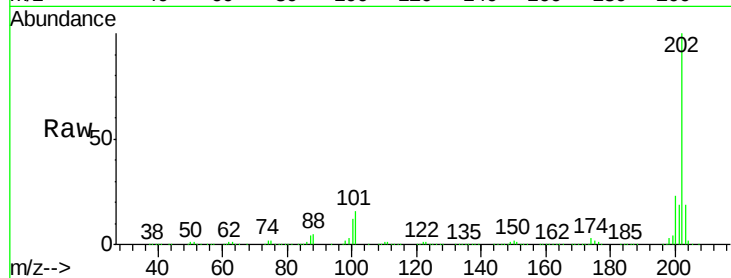
Tot Ion:202 Resp: 1991552

Ion Ratio Lower Upper

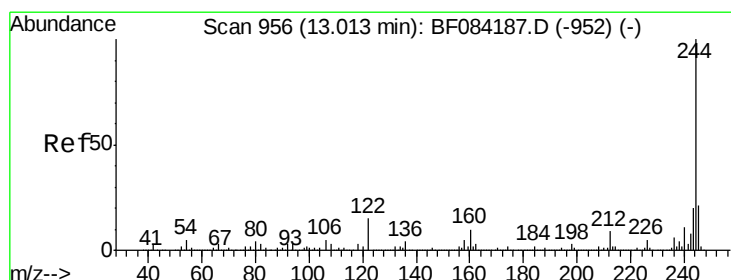
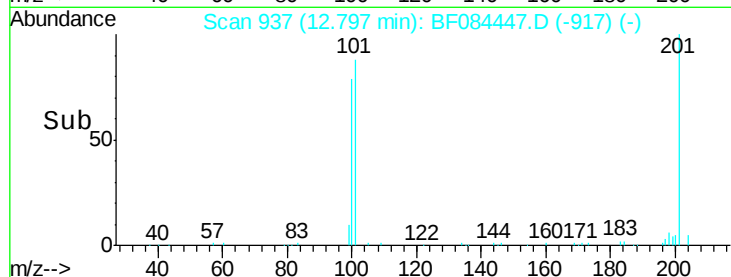
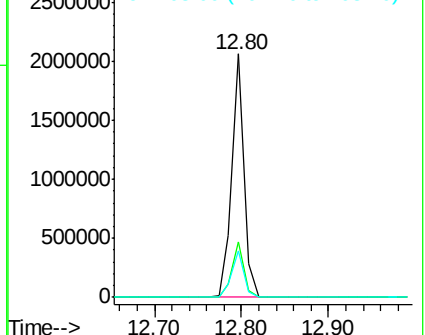
202 100

200 22.8 17.2 25.8

203 18.9 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: 53.05 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

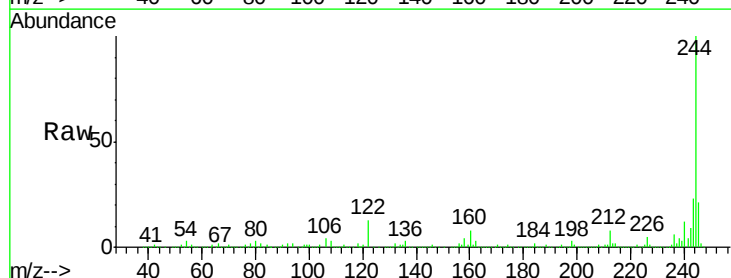
Tgt Ion:244 Resp: 2167586

Ion Ratio Lower Upper

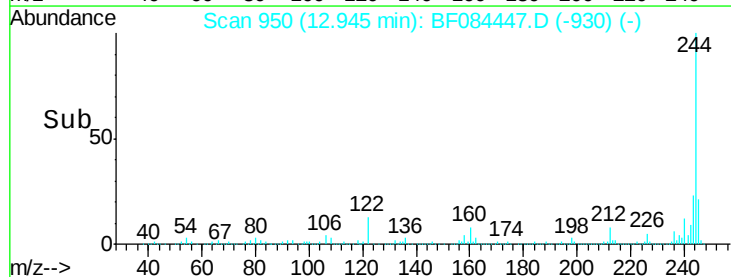
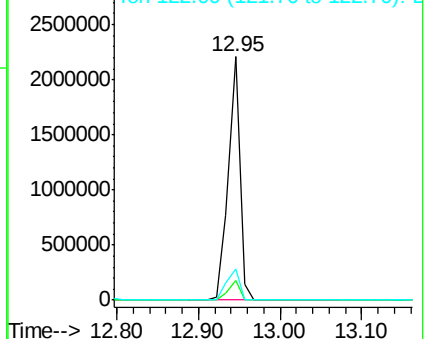
244 100

212 8.0 5.7 8.5

122 12.7 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: 32.24 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

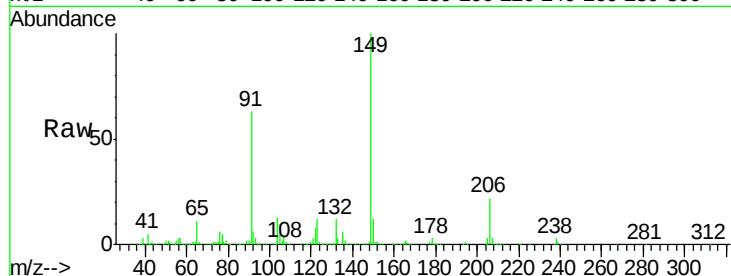
Tot Ion:149 Resp: 998558

Ion Ratio Lower Upper

149 100

91 63.3 57.6 86.4

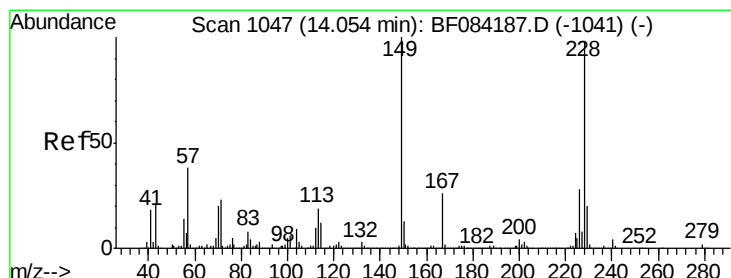
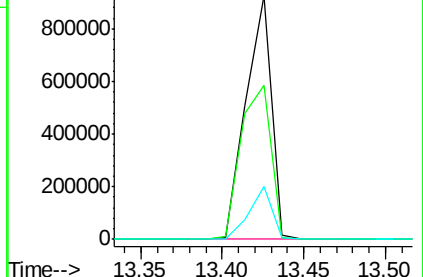
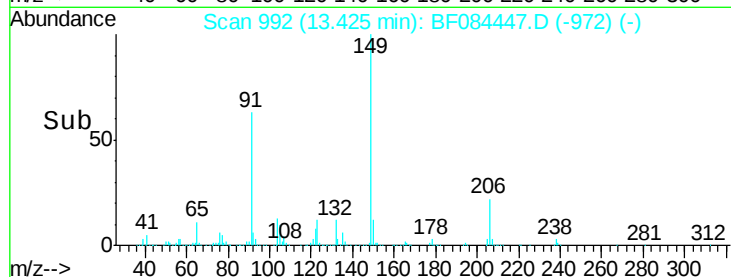
206 21.5 13.2 19.8#



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: 31.65 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

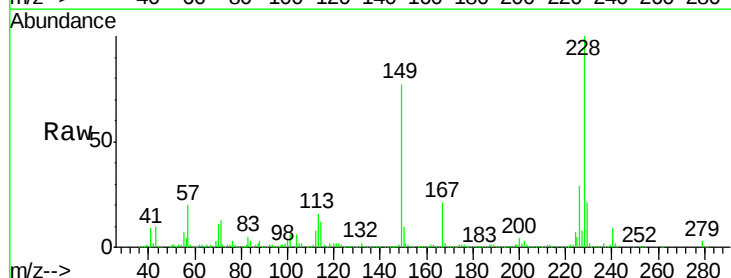
Tgt Ion:228 Resp: 1694619

Ion Ratio Lower Upper

228 100

226 28.6 21.8 32.6

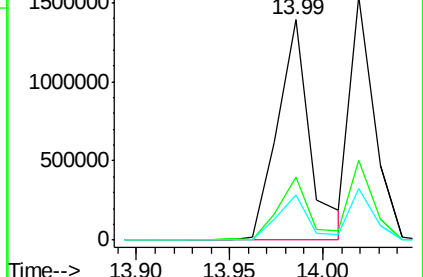
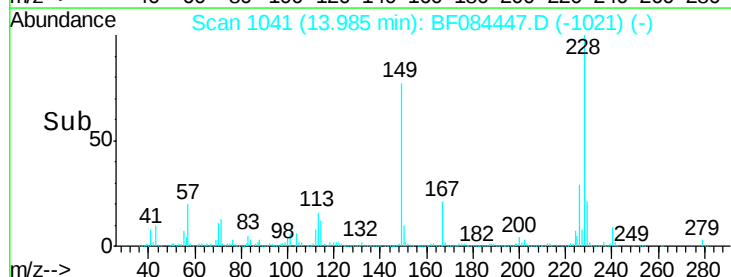
229 20.7 15.8 23.8

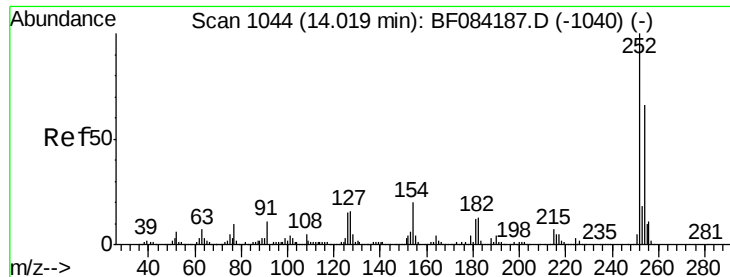


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

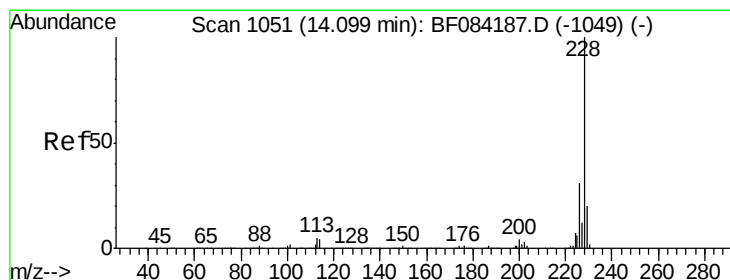
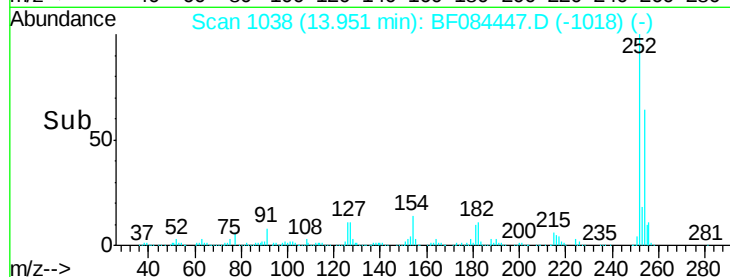
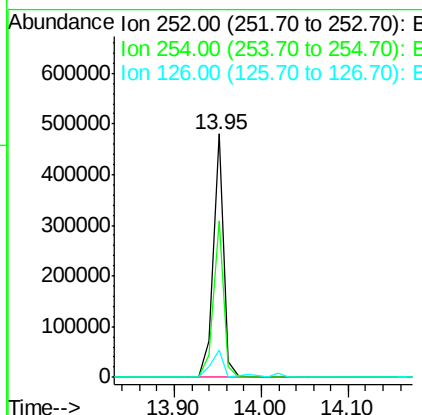
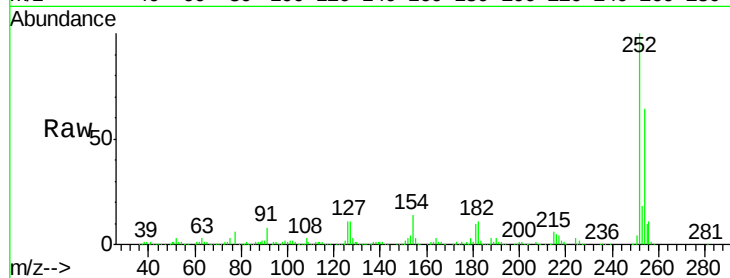




#81
 3,3'-Dichlorobenzidine
 Concen: 21.73 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.07 min
 Lab File: BF084447.D
 Acq: 13 Jan 2016 17:54

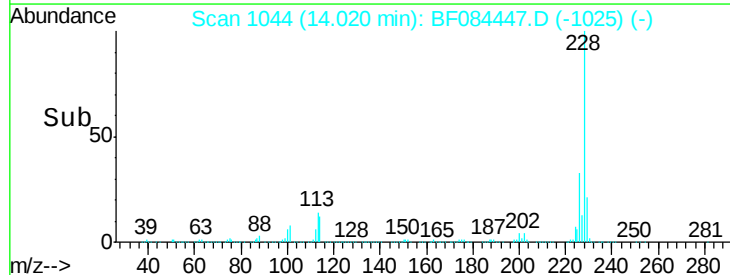
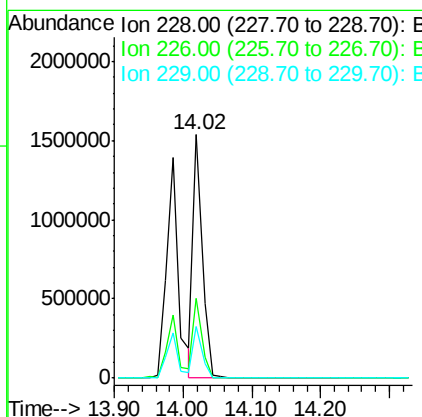
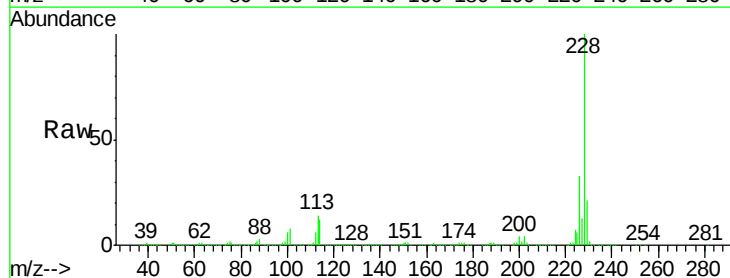
Instrument :
 BNA_F
 ClientSampleId :
 PB87794BS

Tot Ion:252 Resp: 406097
 Ion Ratio Lower Upper
 252 100
 254 64.2 53.5 80.3
 126 11.1 4.9 7.3#



#82
 Chrysene
 Concen: 27.49 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.08 min
 Lab File: BF084447.D
 Acq: 13 Jan 2016 17:54

Tgt Ion:228 Resp: 1414407
 Ion Ratio Lower Upper
 228 100
 226 32.6 24.3 36.5
 229 21.1 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.78 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.07 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

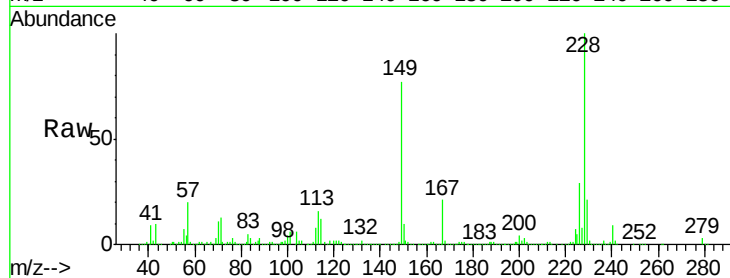
Tot Ion:149 Resp: 1165228

Ion Ratio Lower Upper

149 100

167 27.8 19.7 29.5

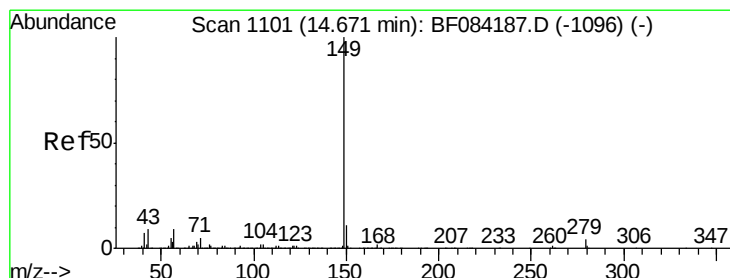
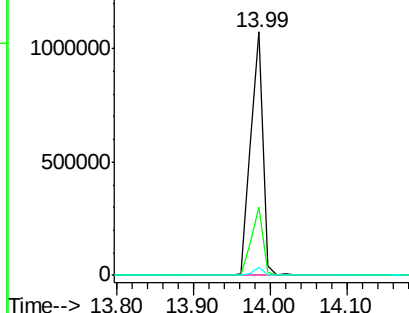
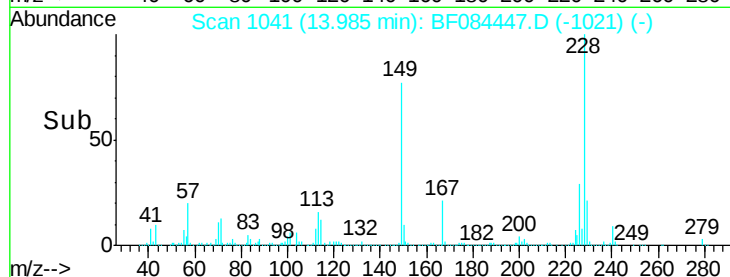
279 3.4 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 29.32 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.08 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

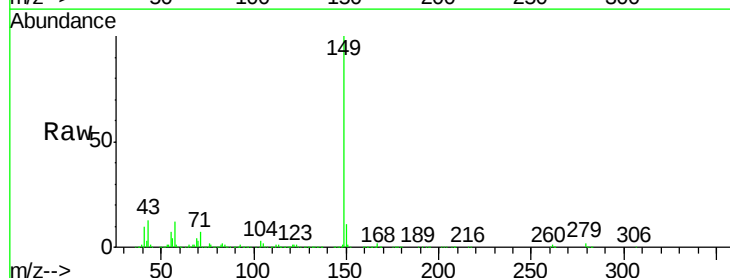
Tgt Ion:149 Resp: 1936713

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

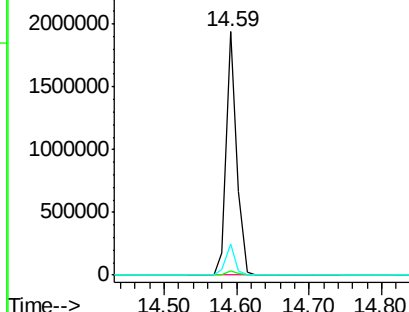
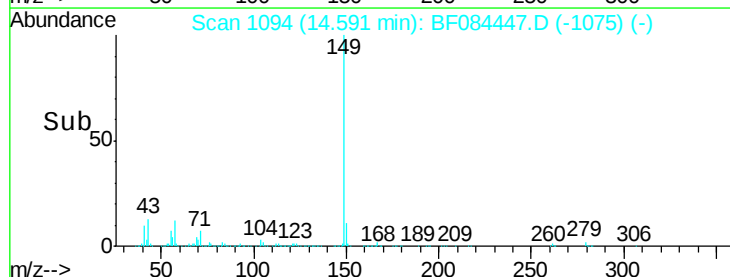
43 12.1 5.6 8.4#

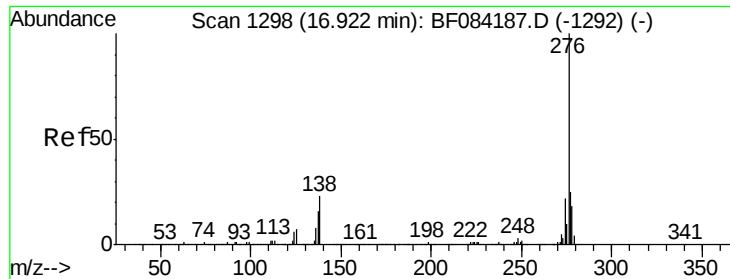


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



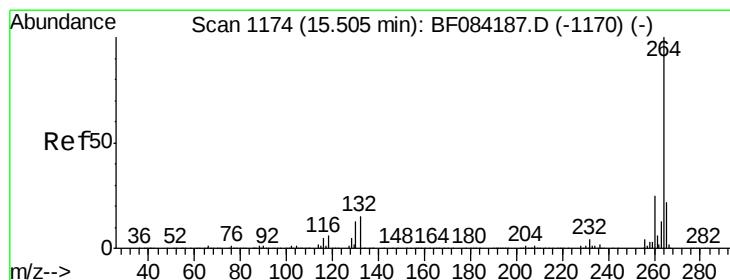
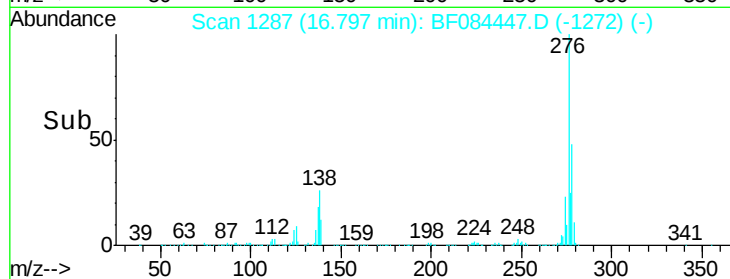
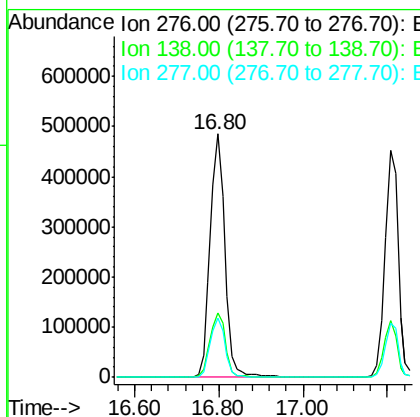
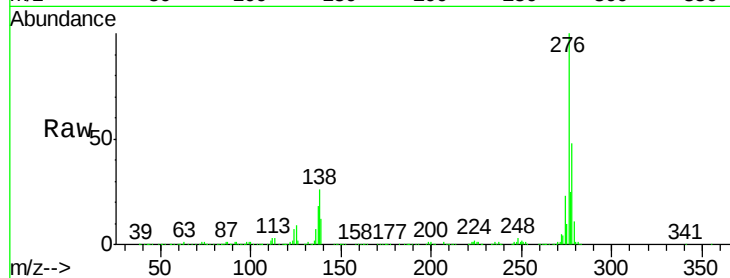


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.39 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. -0.13 min
 Lab File: BF084447.D
 Acq: 13 Jan 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 PB87794BS

Tot Ion:276 Resp: 1198717

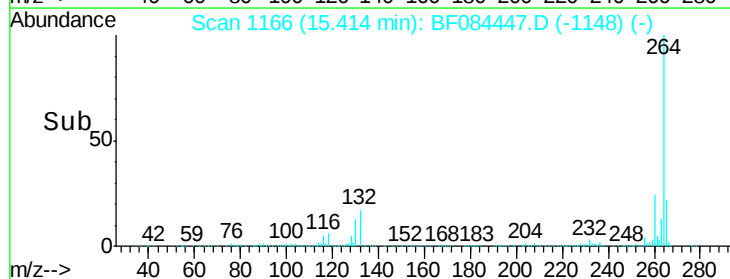
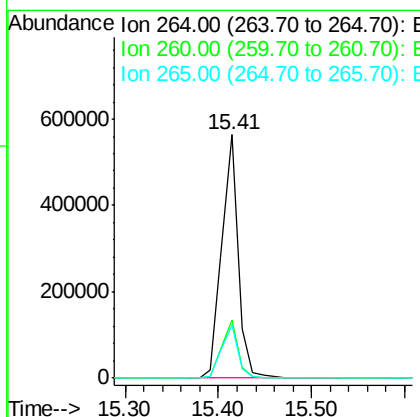
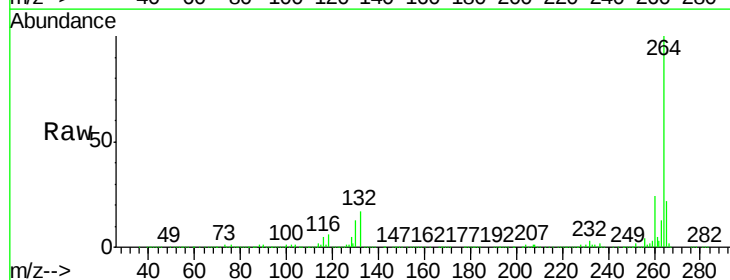
Ion	Ratio	Lower	Upper
276	100		
138	27.8	20.6	30.8
277	24.8	20.1	30.1

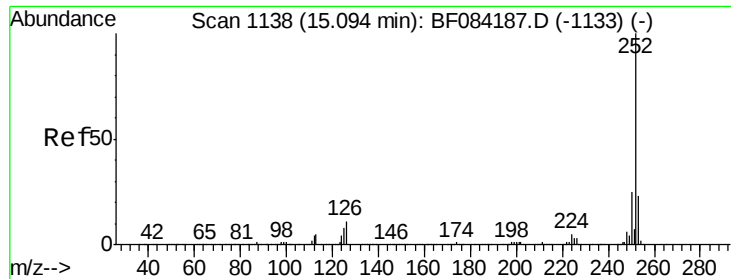


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.09 min
 Lab File: BF084447.D
 Acq: 13 Jan 2016 17:54

Tgt Ion:264 Resp: 691279

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.8	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 63.38 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.06 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

Tot Ion:252 Resp: 2865919

Ion Ratio Lower Upper

252 100

253 22.9

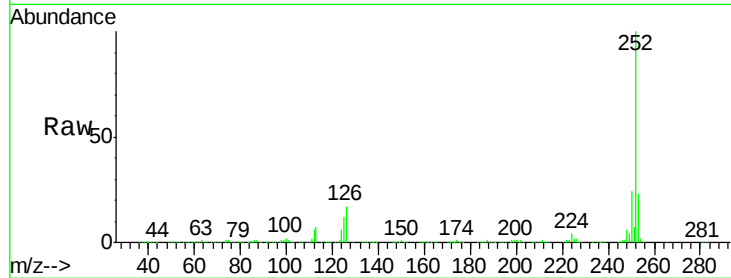
17.3

25.9

125 11.7

6.5

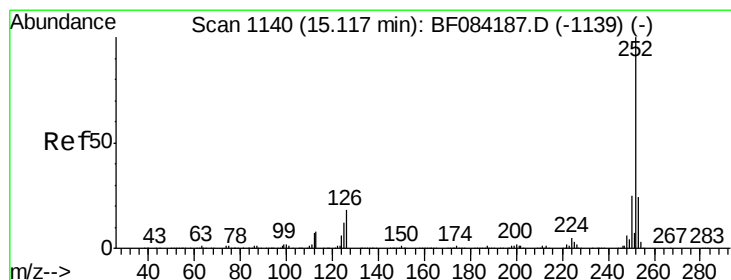
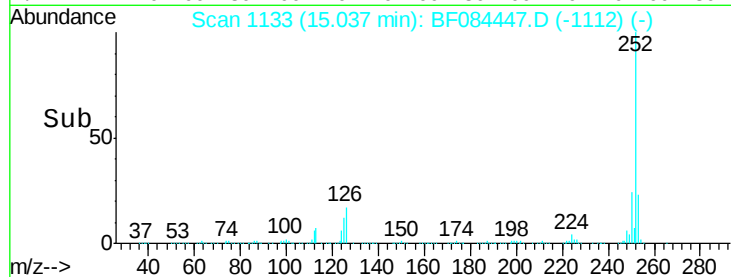
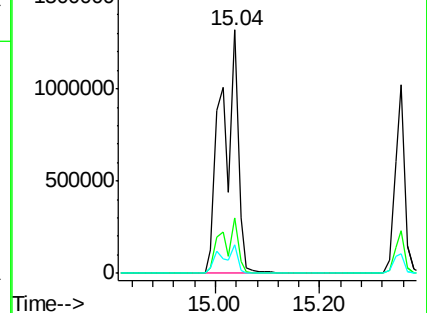
9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 77.55 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.08 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Tgt Ion:252 Resp: 2868179

Ion Ratio Lower Upper

252 100

253 22.9

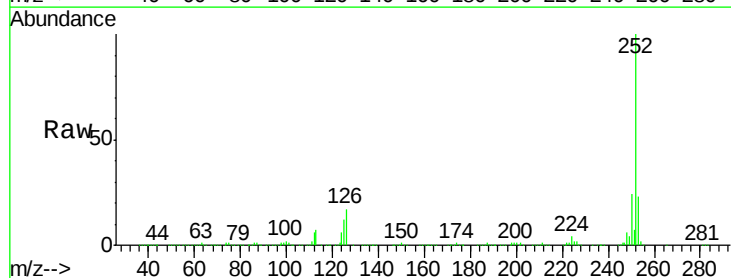
18.1

27.1

125 11.7

9.0

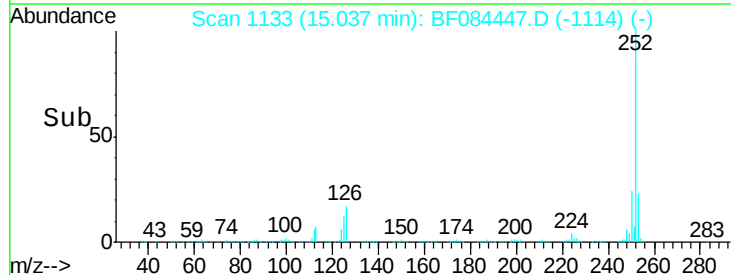
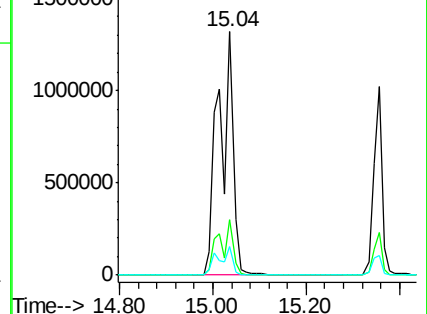
13.6

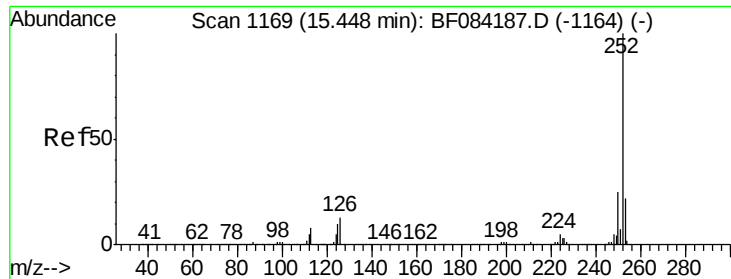


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

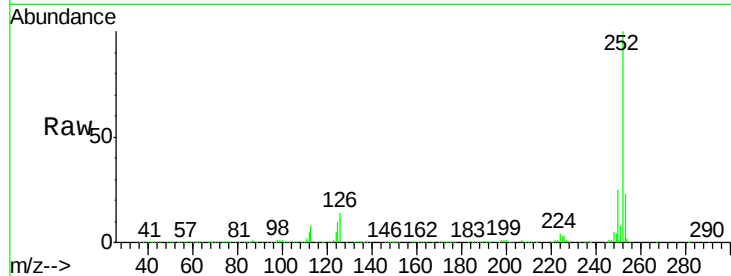




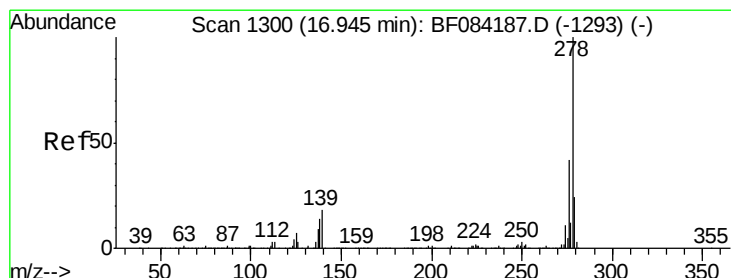
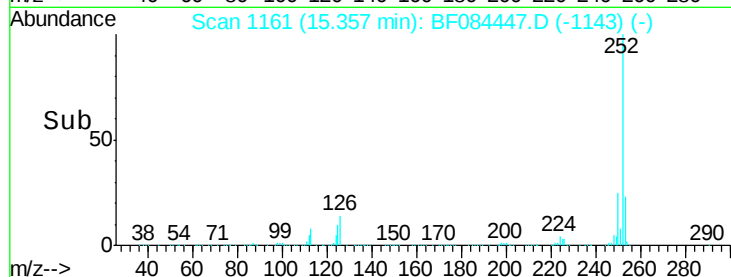
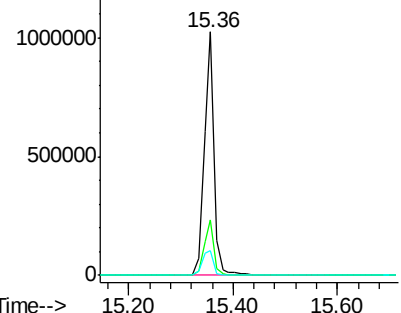
#89
Benzo(a)pyrene
Concen: 34.29 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.09 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

Instrument :
BNA_F
ClientSampleId :
PB87794BS

Tot Ion:252 Resp: 1315129
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 10.4 7.0 10.4

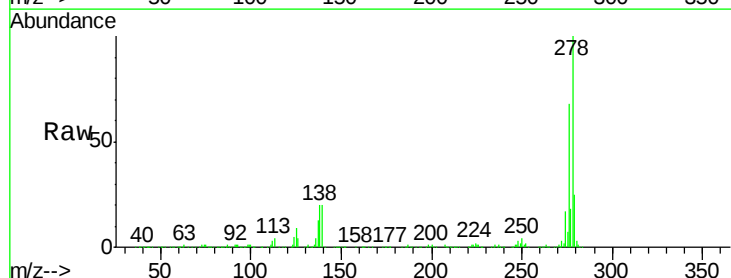


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

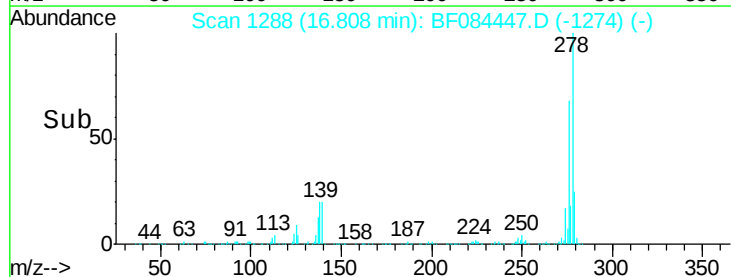
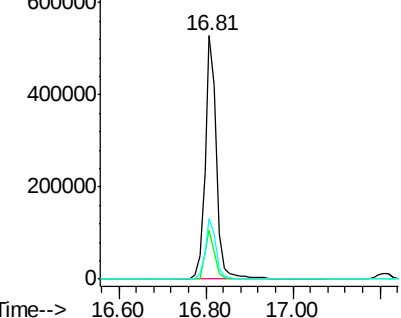


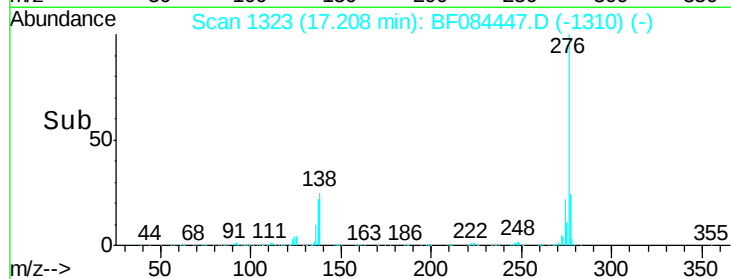
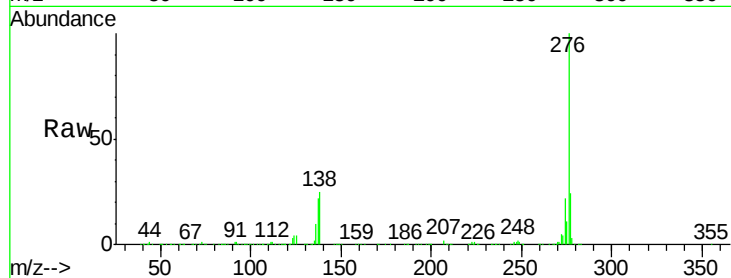
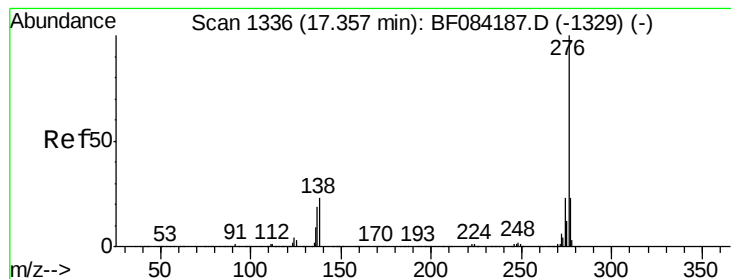
#90
Dibenzo(a,h)anthracene
Concen: 29.62 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.14 min
Lab File: BF084447.D
Acq: 13 Jan 2016 17:54

Tgt Ion:278 Resp: 977463
Ion Ratio Lower Upper
278 100
139 20.4 15.0 22.4
279 24.6 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: 29.55 ng

RT: 17.21 min Scan# 1323

Delta R.T. -0.15 min

Lab File: BF084447.D

Acq: 13 Jan 2016 17:54

Instrument :

BNA_F

ClientSampleId :

PB87794BS

Tot Ion:276 Resp: 1009936

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 25.0 17.8 26.6

