

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062816\
 Data File : BF088487.D
 Acq On : 28 Jun 2016 14:19
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 16:40:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 16:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	109498	20.00	ng	-0.01
21) Naphthalene-d8	9.63	136	461482	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	214869	20.00	ng	0.00
63) Phenanthrene-d10	14.87	188	395147	20.00	ng	0.00
75) Chrysene-d12	18.56	240	317395	20.00	ng	0.00
86) Perylene-d12	20.22	264	281219	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	237136	37.02	ng	0.00
7) Phenol-d6	7.13	99	293029	37.75	ng	-0.01
23) Nitrobenzene-d5	8.51	82	277134	35.07	ng	-0.01
41) 2,4,6-Tribromophenol	13.76	330	71503	31.52	ng	-0.01
44) 2-Fluorobiphenyl	11.40	172	589004	36.51	ng	-0.01
78) Terphenyl-d14	17.21	244	509844	36.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.93	88	62153	19.97	ng	# 50
3) Pyridine	2.56	79	118451	16.12	ng	91
4) n-Nitrosodimethylamine	2.51	42	46560	14.96	ng	96
6) Aniline	7.10	93	198534	17.97	ng	98
8) 2-Chlorophenol	7.28	128	154864	20.43	ng	89
9) Benzaldehyde	6.92	77	38755	7.67	ng	94
10) Phenol	7.15	94	169984	18.65	ng	93
11) bis(2-Chloroethyl)ether	7.23	93	138525	20.35	ng	88
12) 1,3-Dichlorobenzene	7.50	146	161455	19.85	ng	99
13) 1,4-Dichlorobenzene	7.63	146	159045	19.41	ng	97
14) 1,2-Dichlorobenzene	7.86	146	160042	21.48	ng	96
15) Benzyl Alcohol	7.88	79	102291	16.84	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.09	45	149368	16.24	ng	# 20
17) 2-Methylphenol	8.10	107	111850	18.19	ng	# 91
18) Hexachloroethane	8.38	117	59413	20.43	ng	90
19) n-Nitroso-di-n-propylamine	8.31	70	97945	19.72	ng	# 86
20) 3+4-Methylphenols	8.35	107	141854	19.77	ng	# 77
22) Acetophenone	8.28	105	183545	17.80	ng	# 95
24) Nitrobenzene	8.55	77	139251	18.19	ng	98
25) Isophorone	8.94	82	265672	18.15	ng	99
26) 2-Nitrophenol	9.05	139	74910	18.27	ng	# 84
27) 2,4-Dimethylphenol	9.18	122	133306	17.66	ng	94
28) bis(2-Chloroethoxy)methane	9.31	93	167799	18.48	ng	# 96
29) 2,4-Dichlorophenol	9.46	162	119797	19.00	ng	96
30) 1,2,4-Trichlorobenzene	9.55	180	130413	19.00	ng	99
31) Naphthalene	9.67	128	447949	19.61	ng	98
32) Benzoic acid	9.47	122	33674	8.10	ng	88
33) 4-Chloroaniline	9.80	127	177799	17.44	ng	# 93
34) Hexachlorobutadiene	9.87	225	71064	19.63	ng	98
35) Caprolactam	10.41	113	19850	9.51	ng	# 77
36) 4-Chloro-3-methylphenol	10.66	107	127007	18.84	ng	93
37) 2-Methylnaphthalene	10.79	142	282202	18.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.07	216	122068	19.49	ng	# 1
40) Hexachlorocyclopentadiene	11.04	237	25152	7.26	ng	100

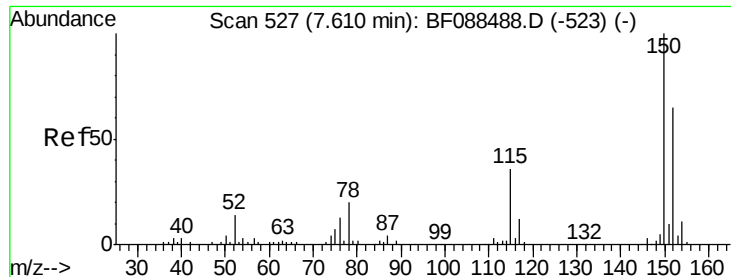
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.29	196	68835	16.02	nq	98
43) 2,4,5-Trichlorophenol	11.37	196	71622	16.02	nq #	95
45) 1,1'-Biphenyl	11.56	154	348509	20.12	nq	97
46) 2-Chloronaphthalene	11.58	162	271966	19.56	nq	98
47) 2-Nitroaniline	11.79	65	71115	17.34	nq #	68
48) Acenaphthylene	12.24	152	436908	19.75	nq	98
49) Dimethylphthalate	12.11	163	315327	20.26	nq	98
50) 2,6-Dinitrotoluene	12.20	165	68222	19.14	nq #	91
51) Acenaphthene	12.51	154	254115	18.42	nq	98
52) 3-Nitroaniline	12.47	138	73364	17.84	nq #	93
53) 2,4-Dinitrophenol	12.70	184	25353	19.33	nq	96
54) Dibenzofuran	12.81	168	386952	20.36	nq	96
55) 4-Nitrophenol	12.87	139	44926	14.07	nq #	79
56) 2,4-Dinitrotoluene	12.87	165	88104	19.23	nq #	80
57) Fluorene	13.36	166	309793	20.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.04	232	61461	17.49	nq #	54
59) Diethylphthalate	13.26	149	309775	19.66	nq	99
60) 4-Chlorophenyl-phenylether	13.38	204	135349	21.42	nq	97
61) 4-Nitroaniline	13.47	138	70628	18.10	nq	98
62) Azobenzene	13.65	77	302775	19.43	nq	95
64) 4,6-Dinitro-2-methylphenol	13.54	198	41088	19.33	nq #	77
65) n-Nitrosodiphenylamine	13.60	169	258743	19.73	nq	99
66) 4-Bromophenyl-phenylether	14.17	248	80341	18.95	nq #	86
67) Hexachlorobenzene	14.24	284	83483	18.95	nq	97
68) Atrazine	14.51	200	76321	19.22	nq	94
69) Pentachlorophenol	14.61	266	28871	12.43	nq	96
70) Phenanthrene	14.90	178	407253	19.64	nq	99
71) Anthracene	14.99	178	440373	21.05	nq	98
72) Carbazole	15.28	167	398882	20.38	nq	98
73) Di-n-butylphthalate	15.84	149	490885	19.81	nq	99
74) Fluoranthene	16.66	202	424984	19.42	nq	95
76) Benzidine	16.89	184	123809	14.09	nq	98
77) Pyrene	16.96	202	416413	17.68	nq	99
79) Butylbenzylphthalate	17.86	149	196315	18.85	nq #	87
80) Benzo(a)anthracene	18.54	228	341391	18.87	nq	100
81) 3,3'-Dichlorobenzidine	18.53	252	113498	23.33	nq #	97
82) Chrysene	18.58	228	344746	20.26	nq	97
83) Bis(2-ethylhexyl)phthalate	18.61	149	271286	21.40	nq	99
84) Di-n-octyl phthalate	19.38	149	451382	21.91	nq #	100
85) Indeno(1,2,3-cd)pyrene	21.50	276	271280	17.16	nq #	100
87) Benzo(b)fluoranthene	19.82	252	616141	31.43	nq	98
88) Benzo(k)fluoranthene	19.82	252	617659	41.77	nq #	95
89) Benzo(a)pyrene	20.17	252	282362	17.81	nq #	95
90) Dibenzo(a,h)anthracene	21.50	278	226775	15.40	nq	99
91) Benzo(g,h,i)perylene	21.86	276	216561	14.29	nq	98

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

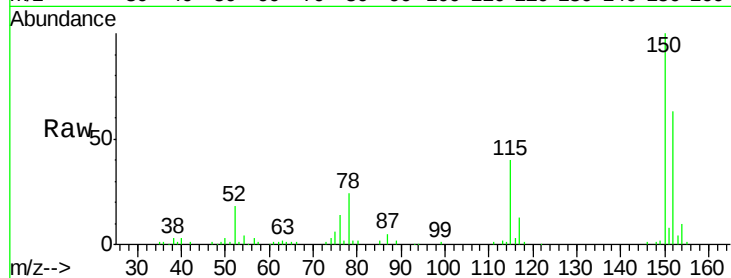


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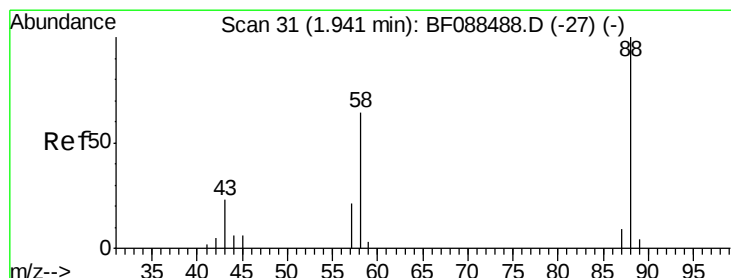
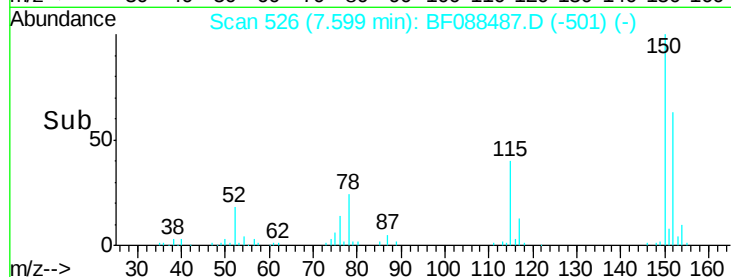
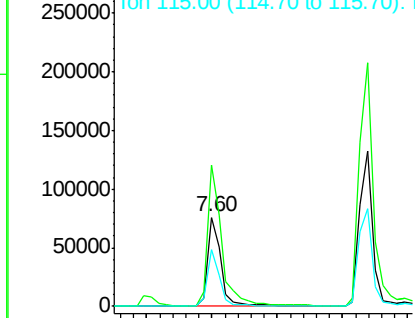
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 109498
Ion Ratio Lower Upper
152 100
150 158.8 123.8 185.6
115 63.4 39.6 59.4#



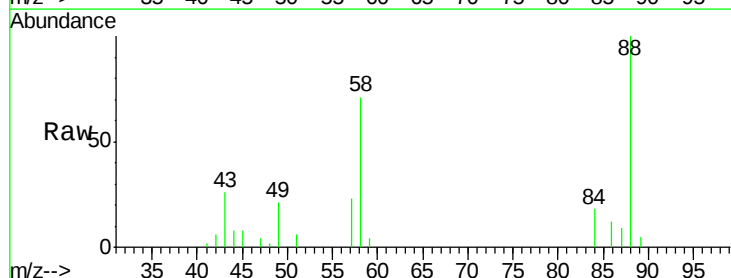
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



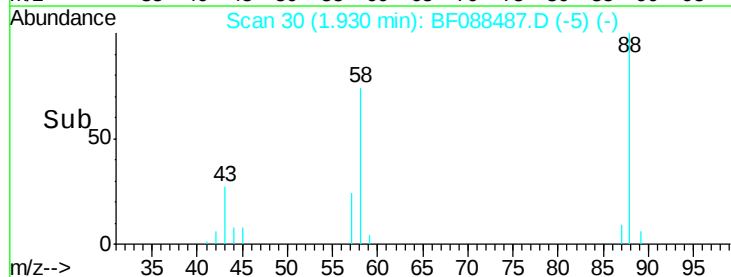
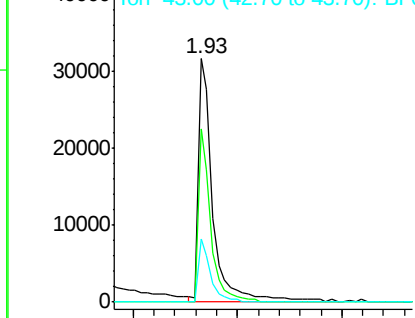
#2

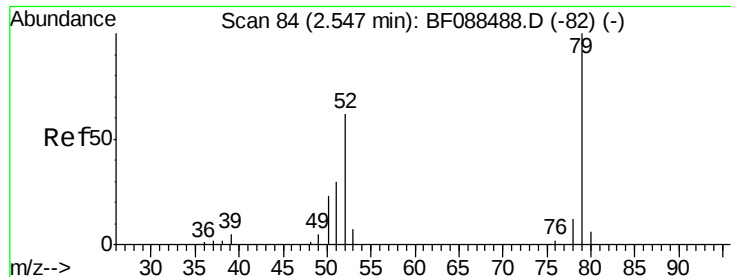
1,4-Dioxane
Concen: 19.97 ng
RT: 1.93 min Scan# 30
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Tgt Ion: 88 Resp: 62153
Ion Ratio Lower Upper
88 100
58 59.2 0.0 0.0#
43 20.9 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 16.12 ng

RT: 2.56 min Scan# 85

Delta R.T. 0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

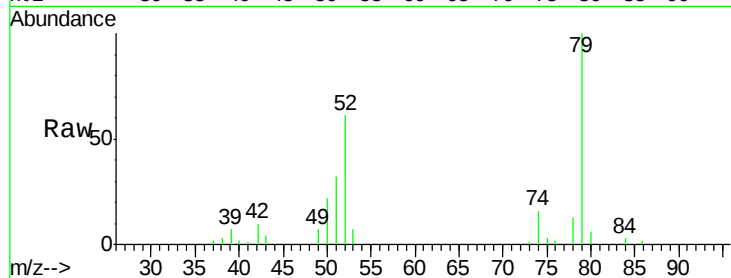
Tot Ion: 79 Resp: 118451

Ion Ratio Lower Upper

79 100

52 61.0 56.3 84.5

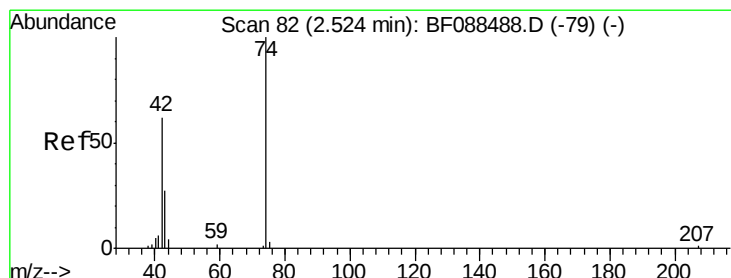
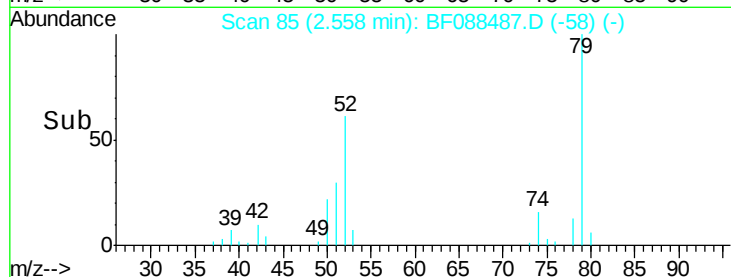
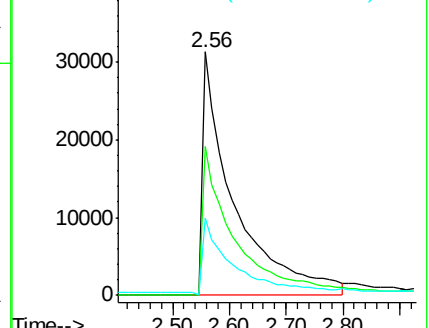
51 31.6 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 14.96 ng

RT: 2.51 min Scan# 81

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

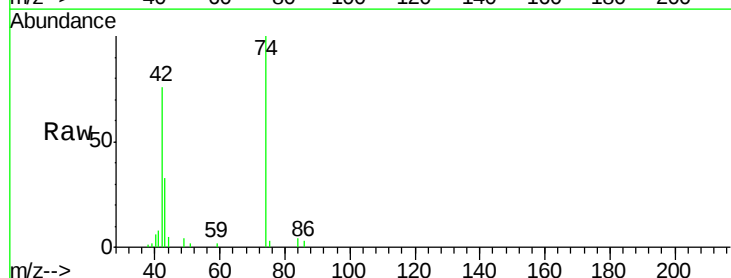
Tgt Ion: 42 Resp: 46560

Ion Ratio Lower Upper

42 100

74 131.4 108.6 163.0

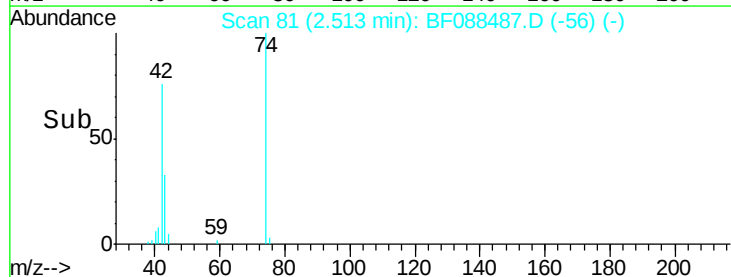
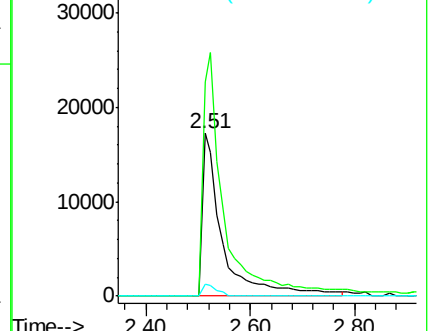
44 7.2 5.5 8.3

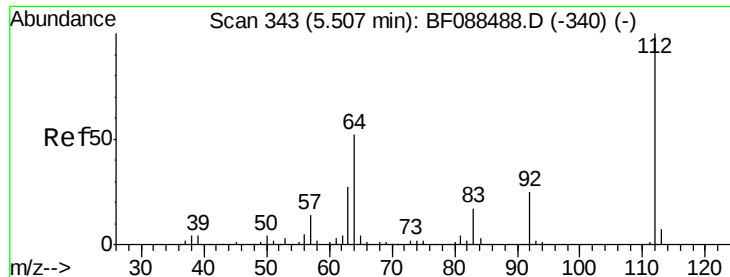


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 37.02 ng

RT: 5.51 min Scan# 343

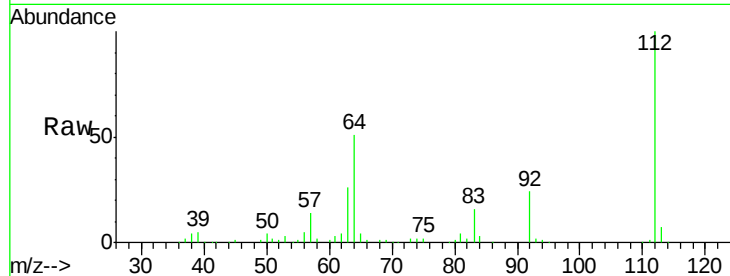
Delta R.T. 0.00 min

Lab File: BF088487.D

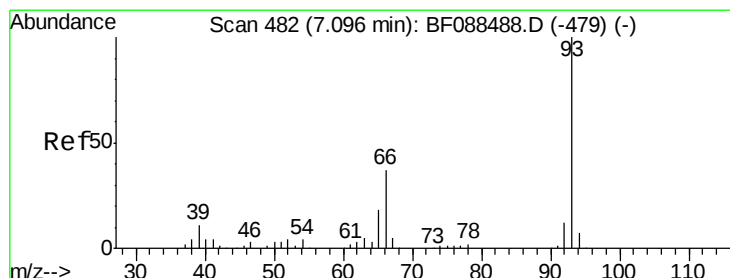
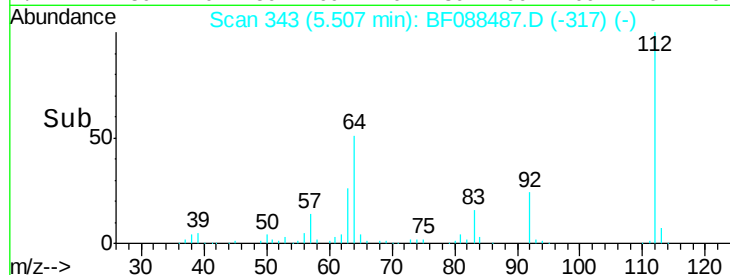
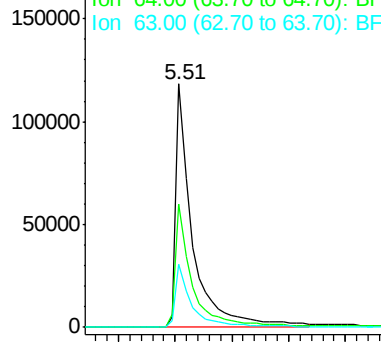
Acq: 28 Jun 2016 14:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	237136
Ion	Ratio	Lower	Upper
112	100		
64	50.9	42.2	63.2
63	26.0	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 17.97 ng

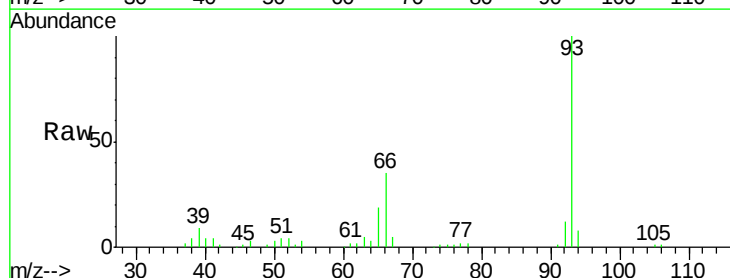
RT: 7.10 min Scan# 482

Delta R.T. 0.00 min

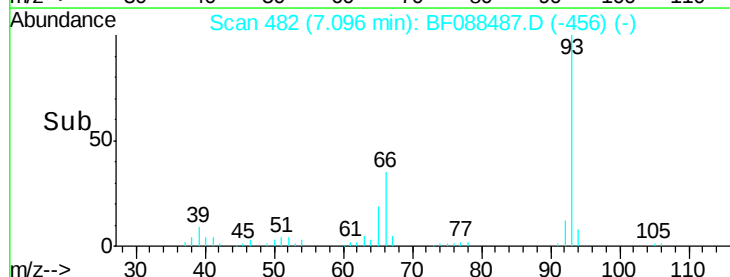
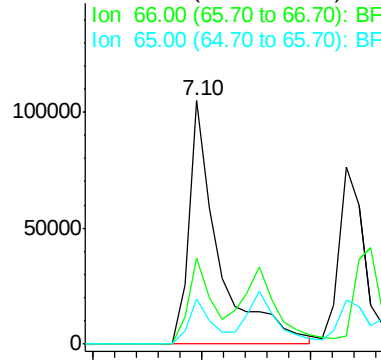
Lab File: BF088487.D

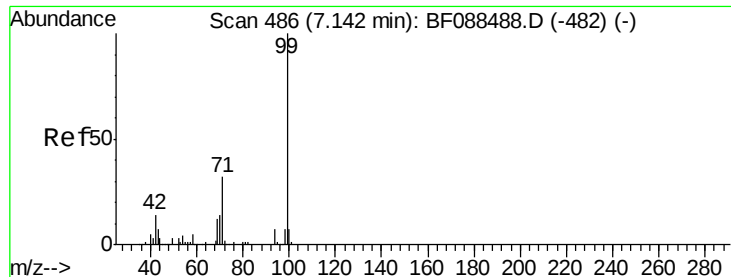
Acq: 28 Jun 2016 14:19

Tgt Ion:	93	Resp:	198534
Ion	Ratio	Lower	Upper
93	100		
66	35.2	29.8	44.8
65	18.6	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 37.75 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

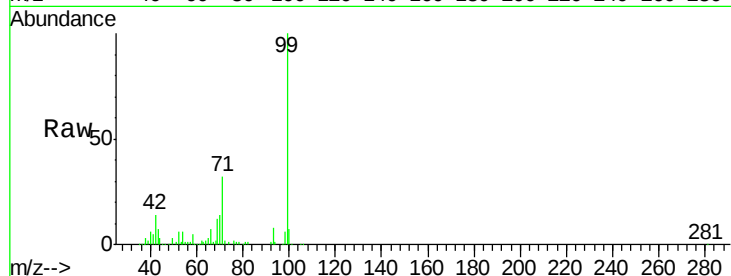
Tot Ion: 99 Resp: 293029

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.2

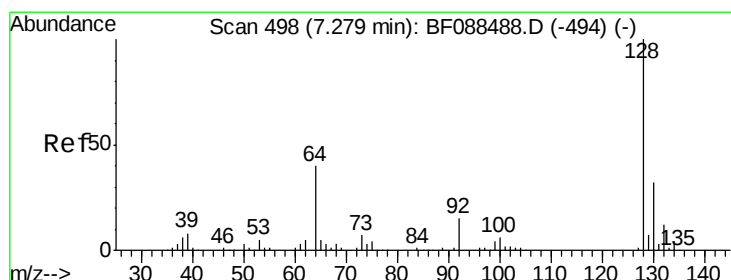
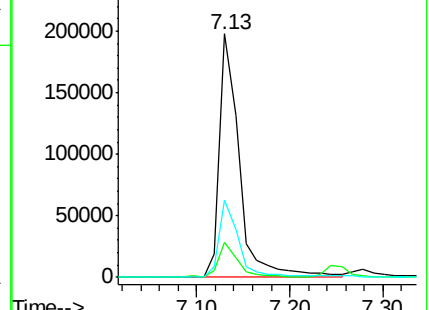
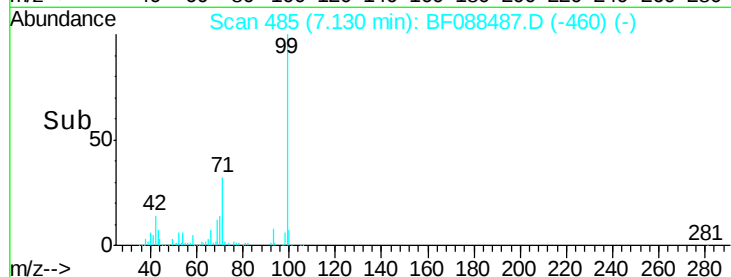
71 32.0 23.4 35.0



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: 20.43 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

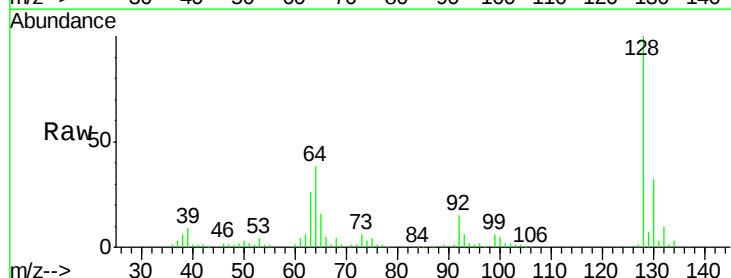
Tgt Ion: 128 Resp: 154864

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

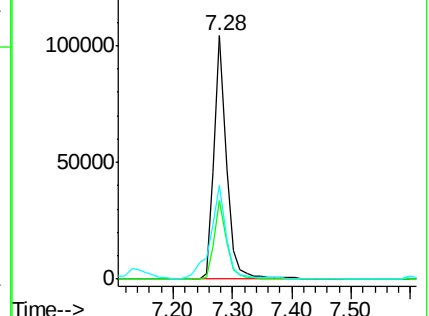
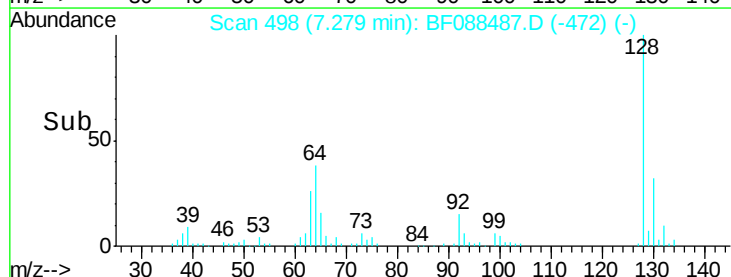
64 38.4 30.8 70.8

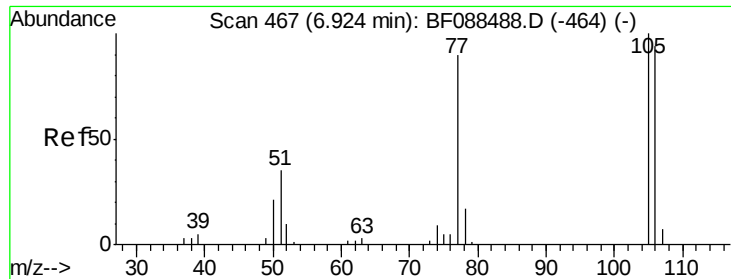


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

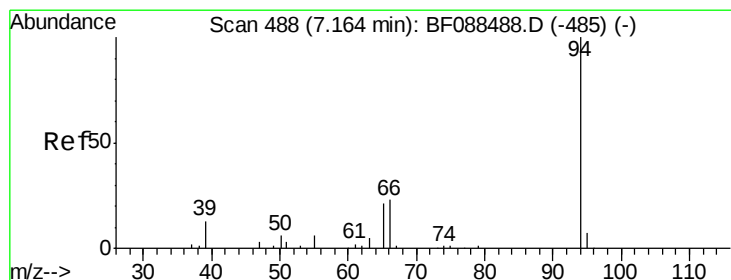
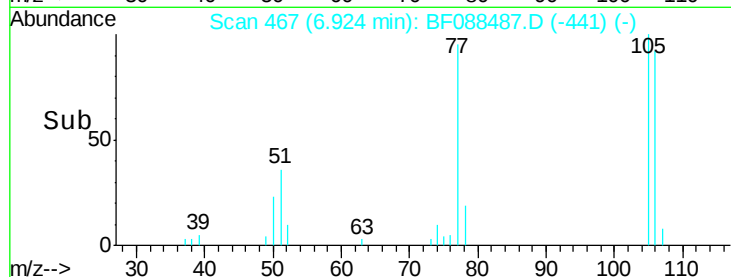
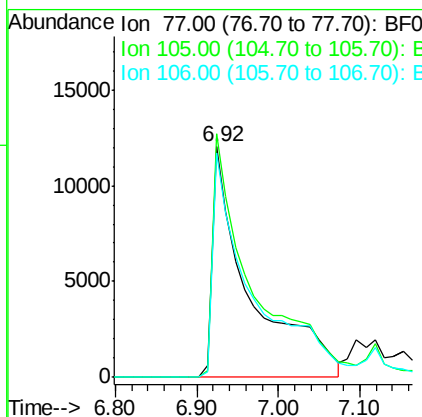
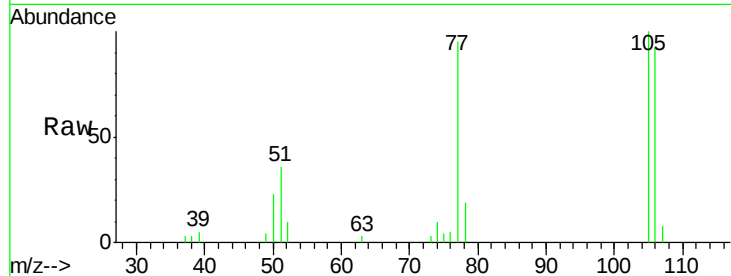




#9
Benzaldehyde
Concen: 7.67 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

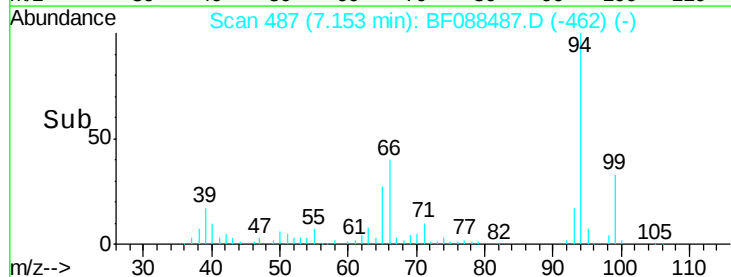
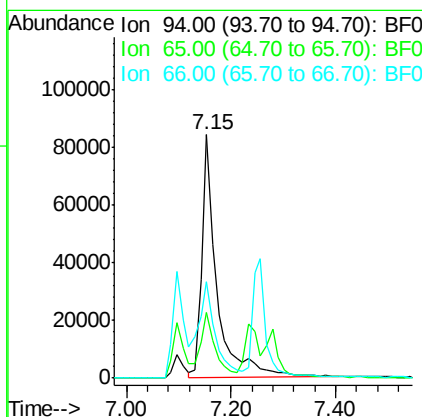
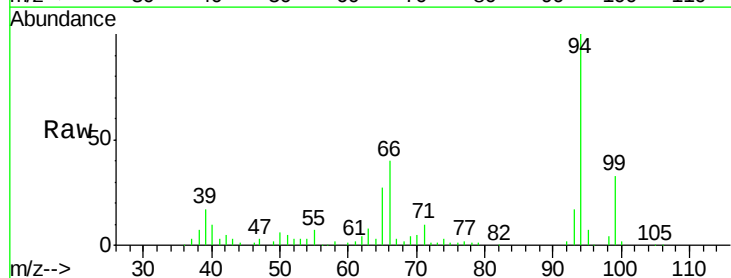
Instrument :
BNA_F
ClientSampleId :

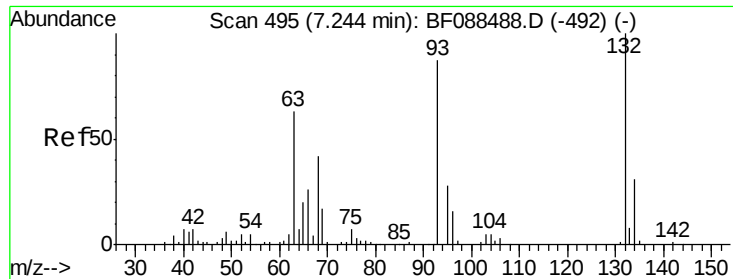
Tot Ion: 77 Resp: 38755
Ion Ratio Lower Upper
77 100
105 105.5 90.6 130.6
106 97.4 85.3 125.3



#10
Phenol
Concen: 18.65 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Tgt Ion: 94 Resp: 169984
Ion Ratio Lower Upper
94 100
65 27.0 5.9 45.9
66 39.6 14.0 54.0

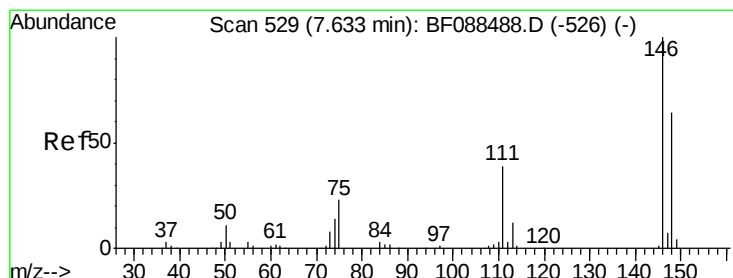
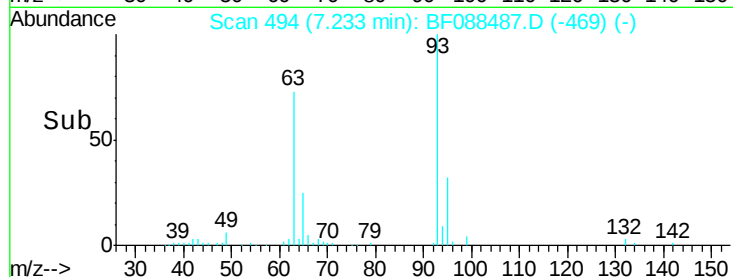
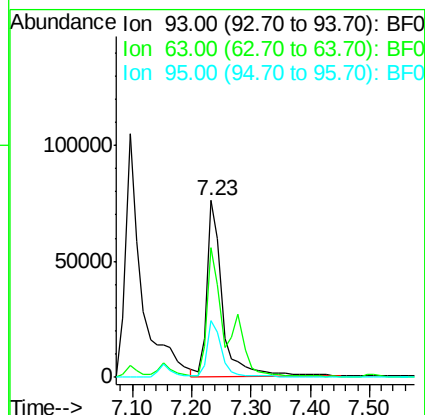
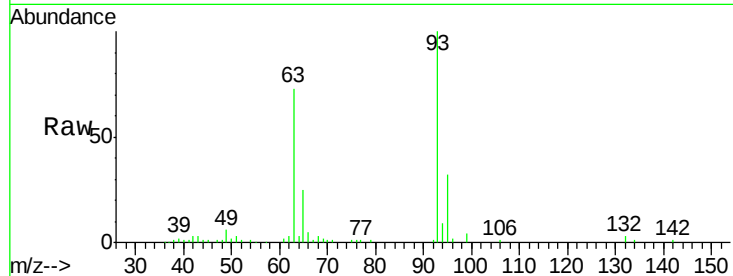




#11
bis(2-Chloroethyl)ether
Concen: 20.35 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

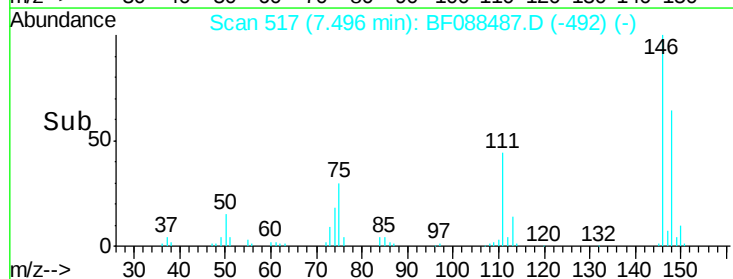
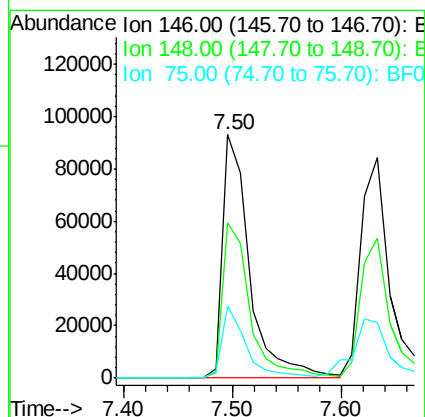
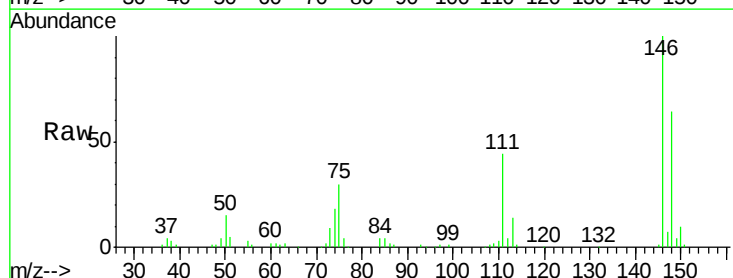
Instrument :
BNA_F
ClientSampleId :

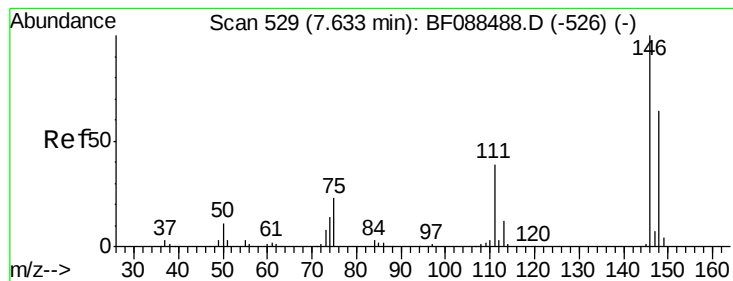
Tot Ion: 93 Resp: 138525
Ion Ratio Lower Upper
93 100
63 73.0 67.6 107.6
95 31.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 19.85 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Tgt Ion: 146 Resp: 161455
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
75 29.8 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 19.41 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

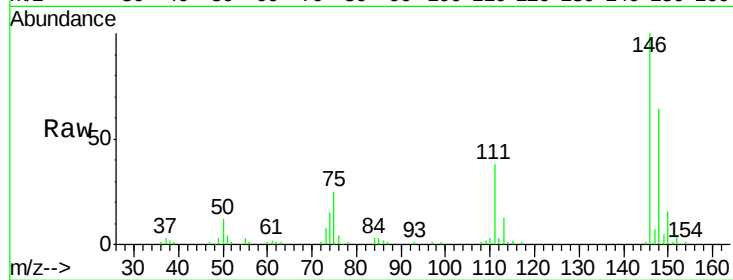
Tot Ion:146 Resp: 159045

Ion Ratio Lower Upper

146 100

148 63.8 52.0 78.0

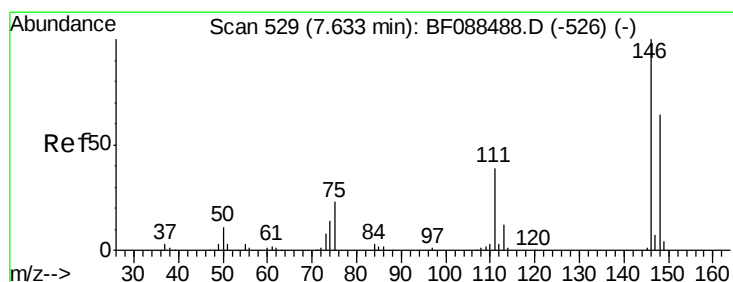
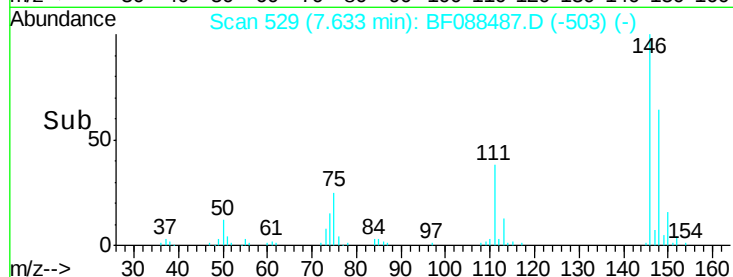
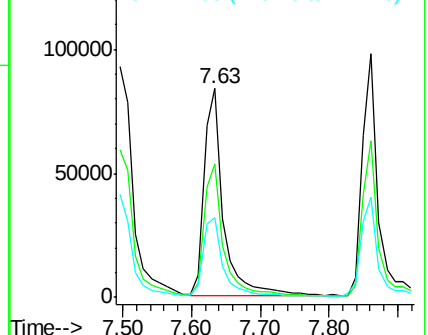
111 38.2 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 21.48 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

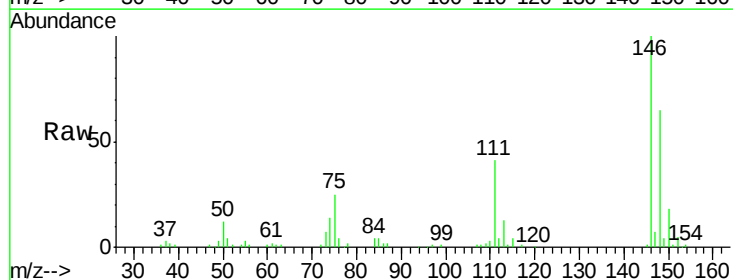
Tgt Ion:146 Resp: 160042

Ion Ratio Lower Upper

146 100

148 64.5 52.3 78.5

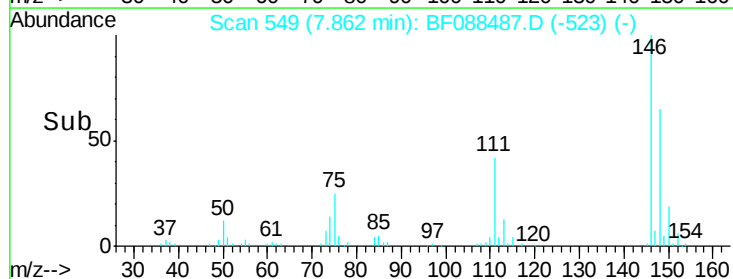
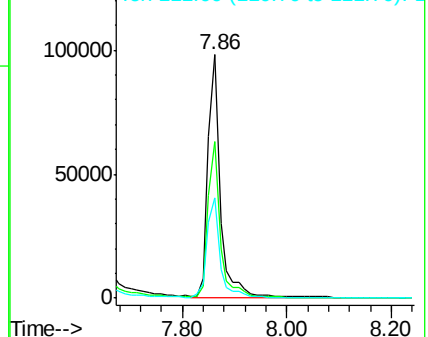
111 41.4 28.7 43.1

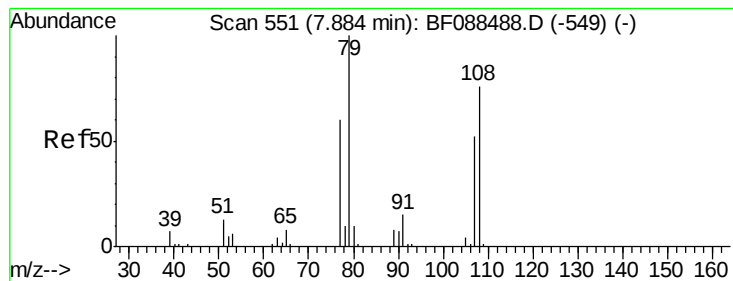


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 16.84 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

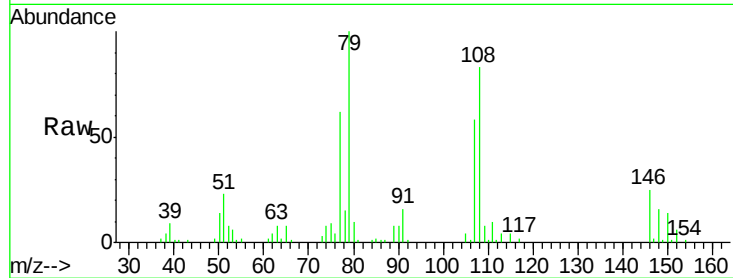
Tot Ion: 79 Resp: 102291

Ion Ratio Lower Upper

79 100

108 82.5 65.0 97.6

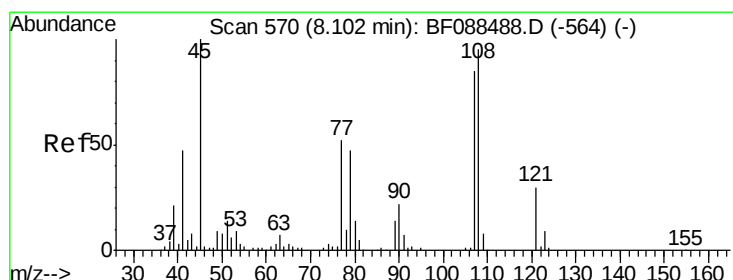
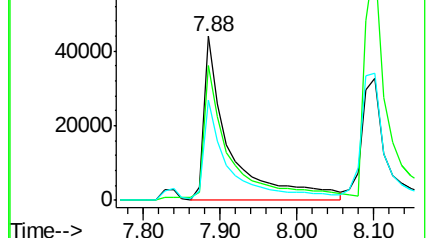
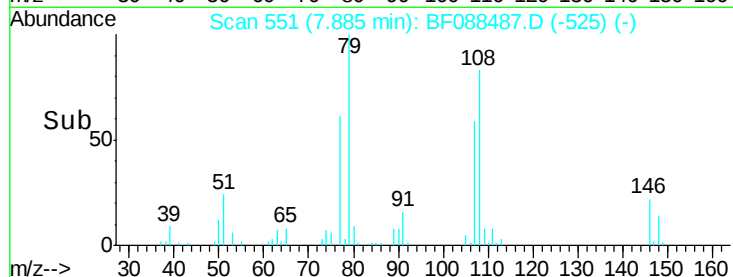
77 61.6 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 16.24 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

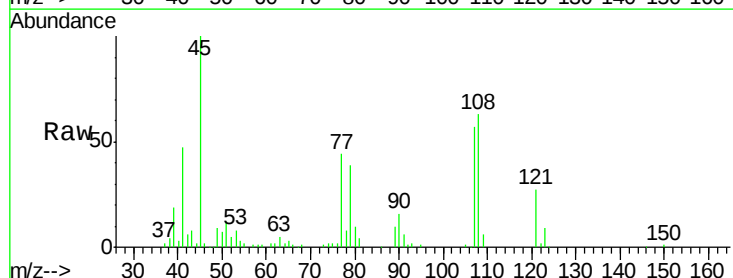
Tgt Ion: 45 Resp: 149368

Ion Ratio Lower Upper

45 100

77 43.9 0.0 32.5#

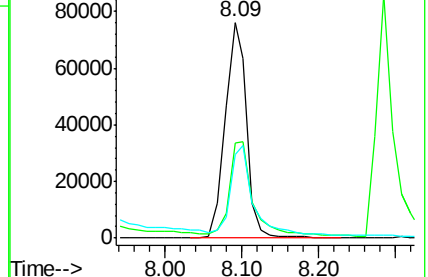
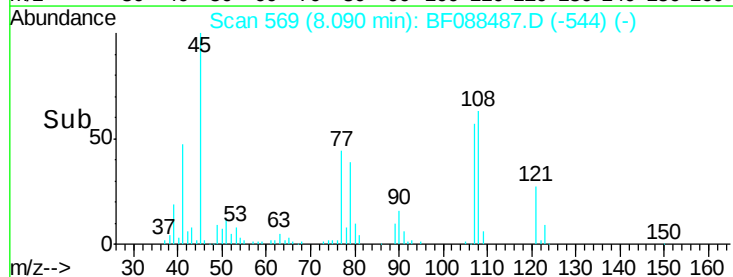
79 38.9 0.0 29.5#

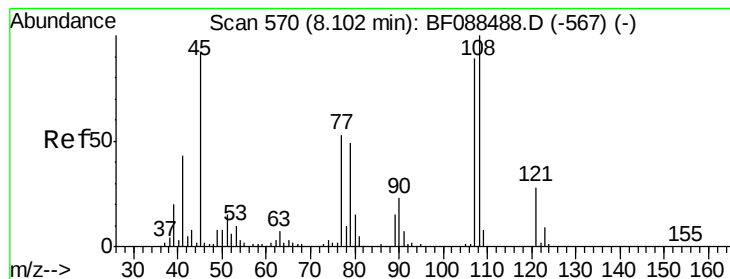


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 18.19 ng

RT: 8.10 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 111850

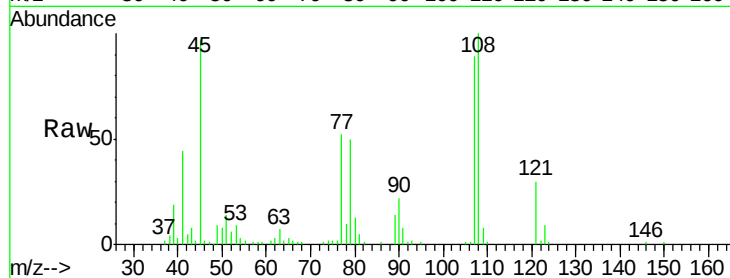
Ion Ratio Lower Upper

107 100

108 113.0 90.9 136.3

77 59.2 36.6 55.0#

79 56.6 36.5 54.7#

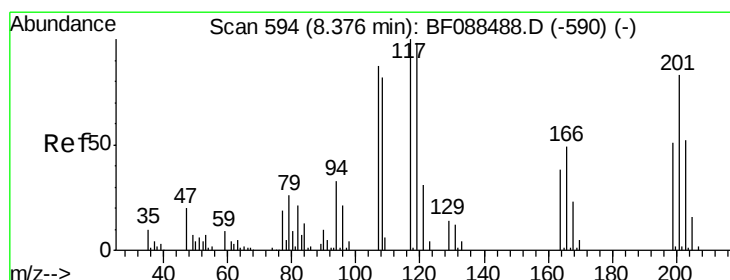
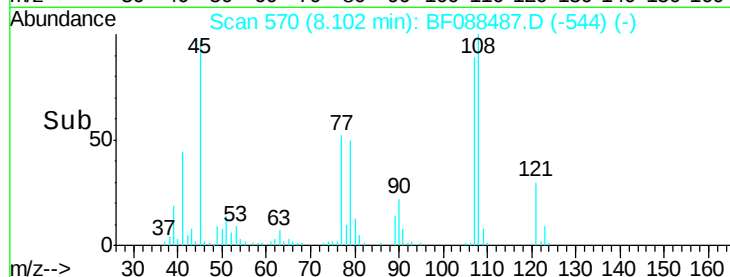
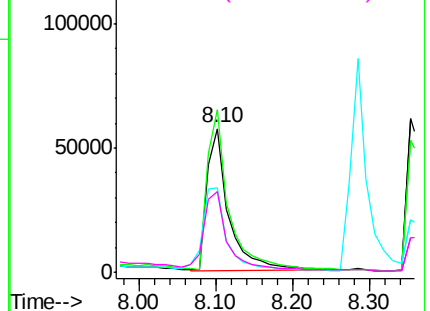


Abundance Ion 107.00 (106.70 to 107.70): E

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: 20.43 ng

RT: 8.38 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

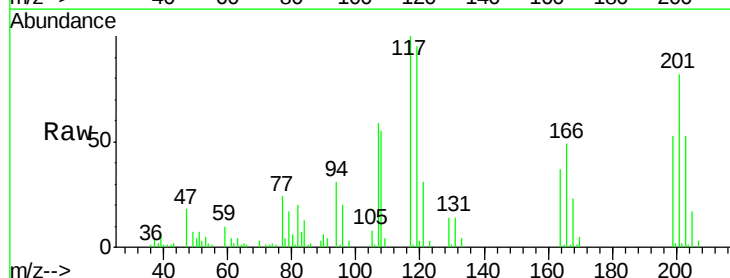
Tgt Ion:117 Resp: 59413

Ion Ratio Lower Upper

117 100

119 95.0 77.4 116.2

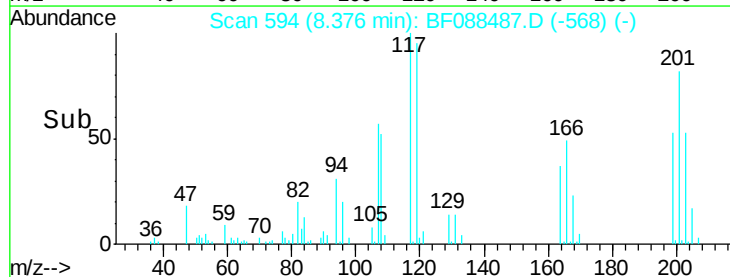
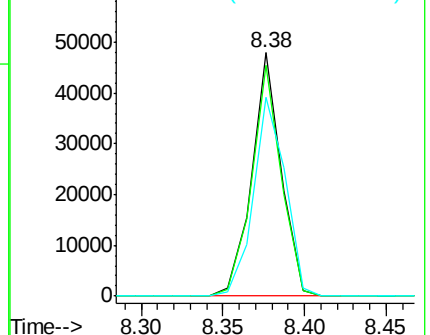
201 81.8 80.4 120.6

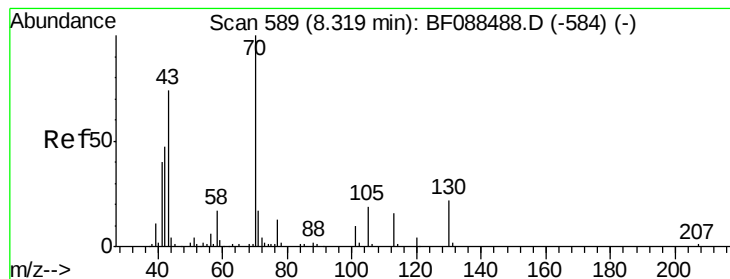


Abundance Ion 117.00 (116.70 to 117.70): E

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: 19.72 ng

RT: 8.31 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 97945

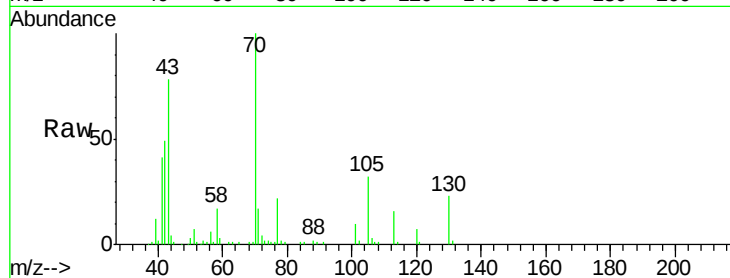
Ion Ratio Lower Upper

70 100

42 48.7 49.6 74.4#

101 9.9 7.1 10.7

130 22.7 15.4 23.2

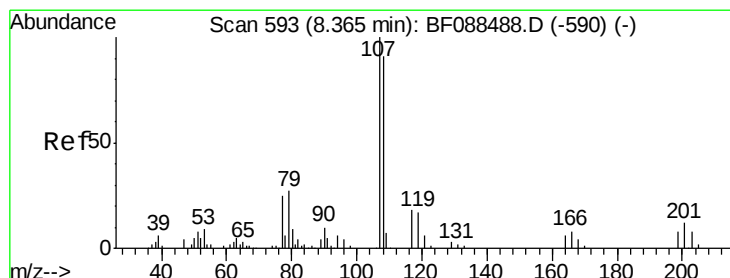
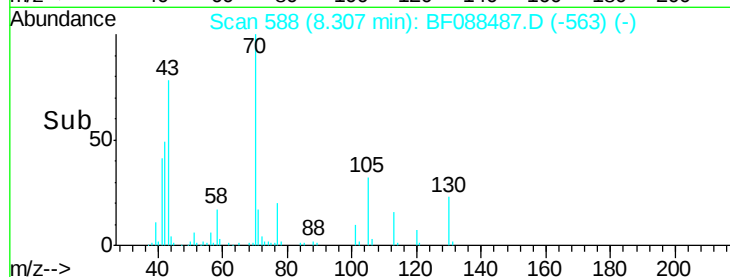
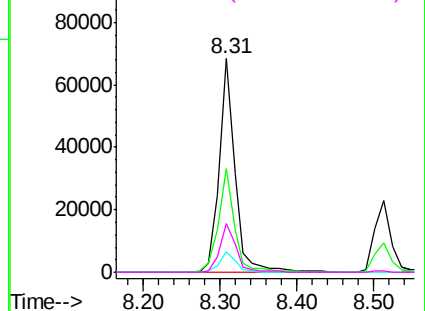


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 19.77 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Tgt Ion: 107 Resp: 141854

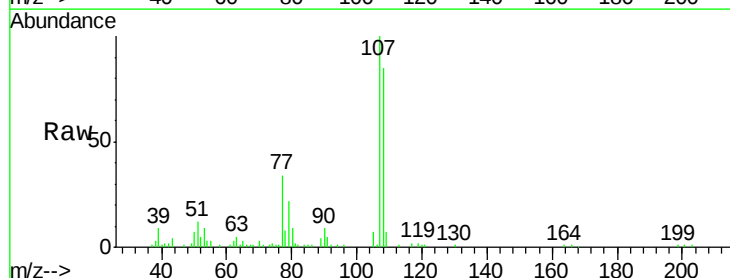
Ion Ratio Lower Upper

107 100

108 85.3 67.8 107.8

77 34.2 59.3 99.3#

79 22.3 7.0 47.0

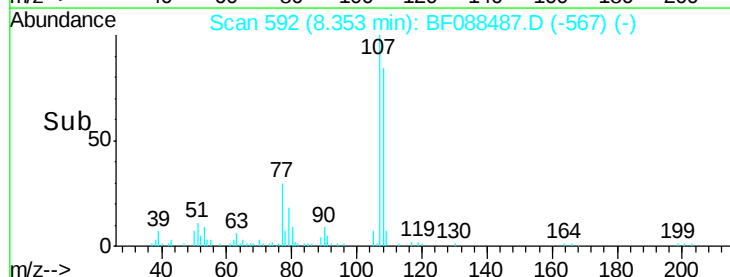
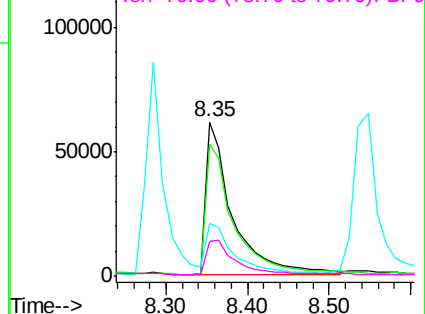


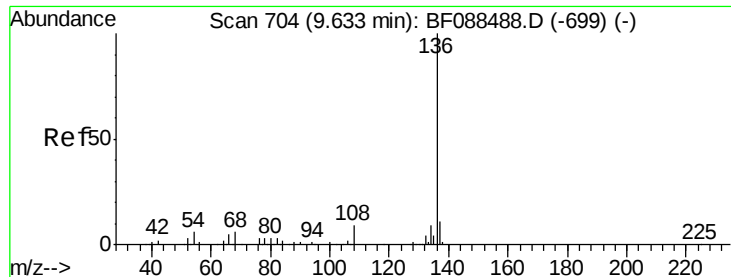
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

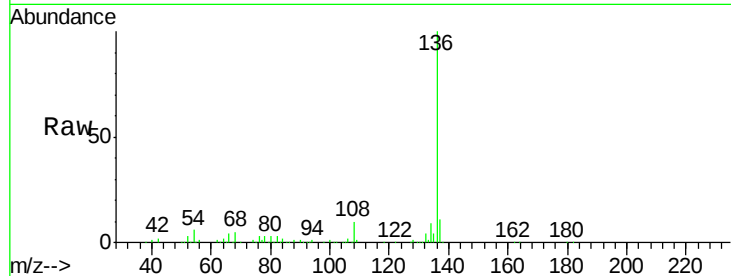




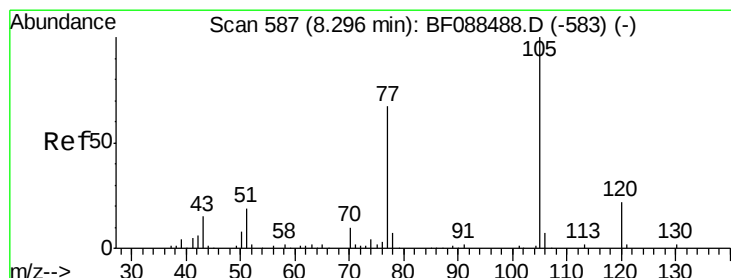
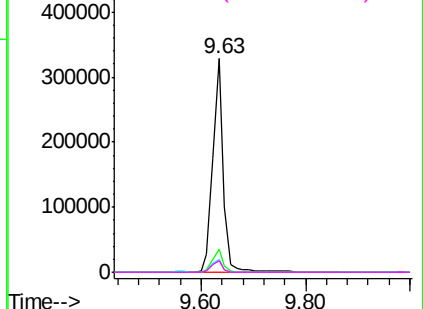
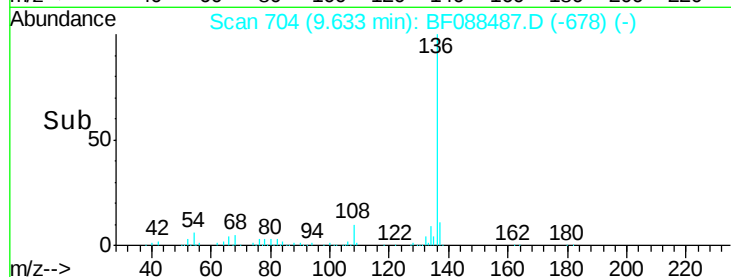
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	461482
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	6.1	6.6 10.0#
68	5.2	5.1 7.7

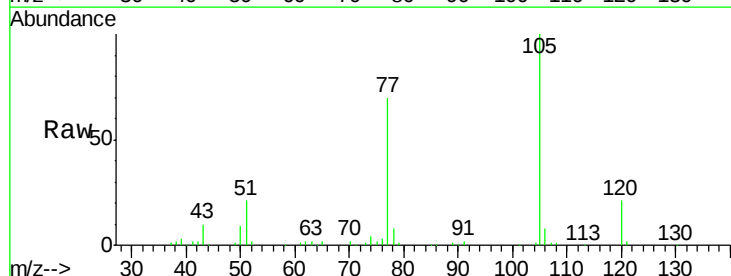


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

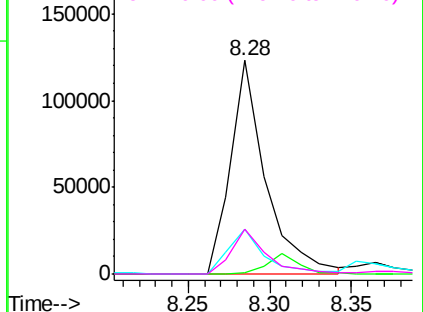
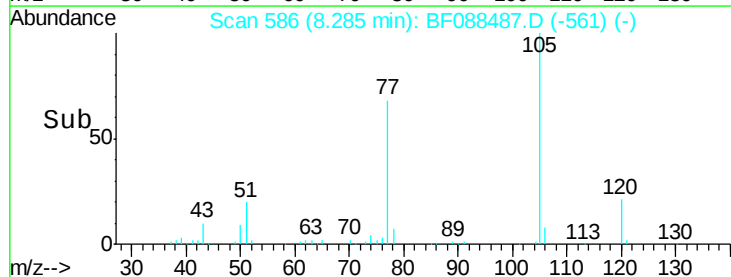


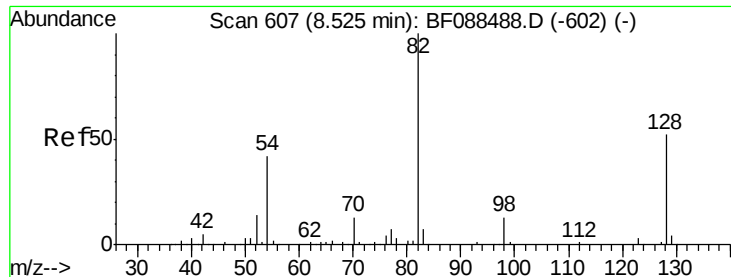
#22
Acetophenone
Concen: 17.80 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Tgt Ion:105	Resp:	183545
Ion Ratio	Lower	Upper
105	100	
71	0.5	5.3 7.9#
51	20.9	18.2 27.4
120	21.2	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

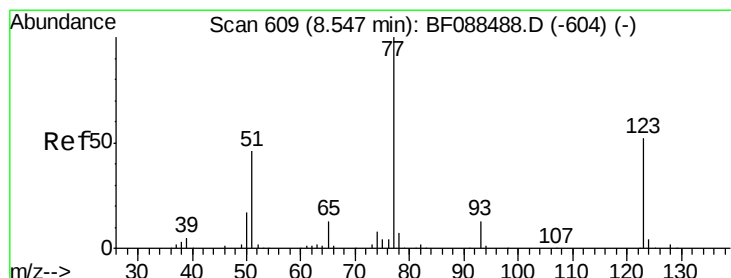
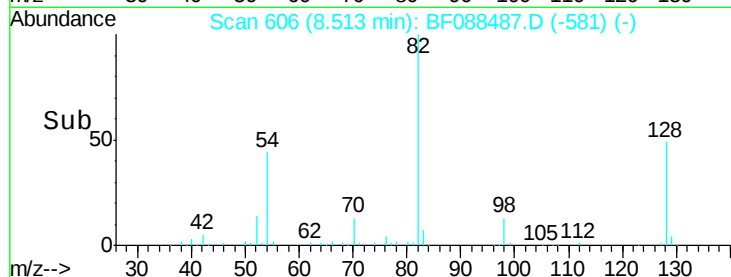
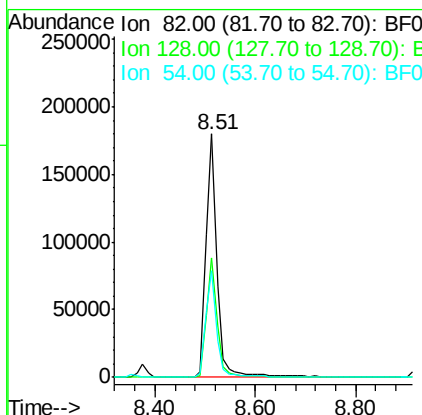
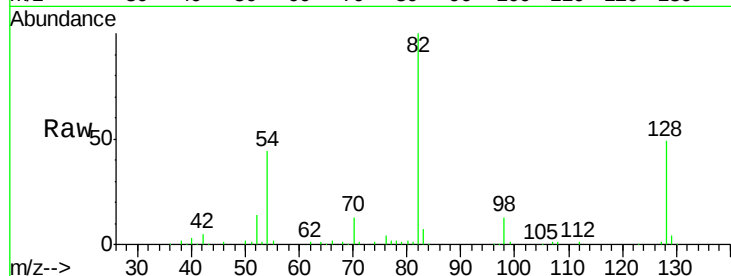




#23
 Nitrobenzene-d5
 Concen: 35.07 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

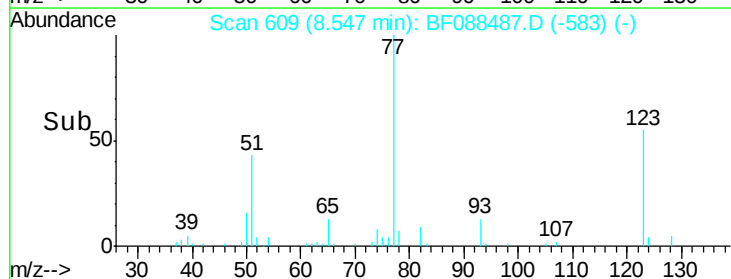
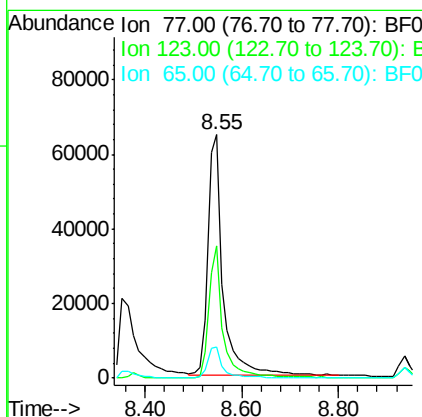
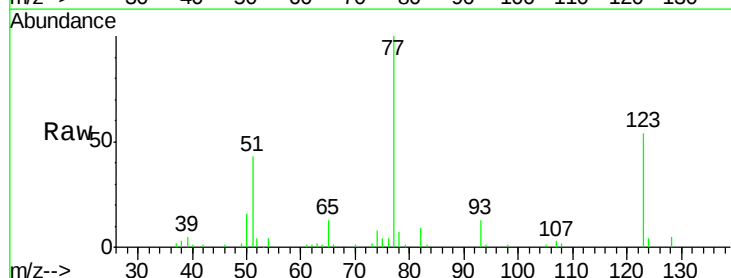
Instrument :
 BNA_F
 ClientSampled :

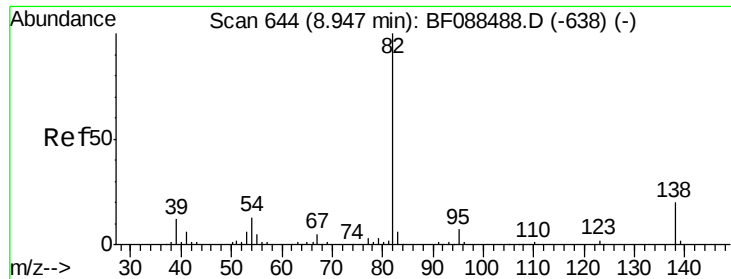
Tot Ion: 82 Resp: 277134
 Ion Ratio Lower Upper
 82 100
 128 49.2 35.9 53.9
 54 44.1 40.9 61.3



#24
 Nitrobenzene
 Concen: 18.19 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion: 77 Resp: 139251
 Ion Ratio Lower Upper
 77 100
 123 54.3 45.0 67.4
 65 12.6 10.2 15.2





#25

Isophorone

Concen: 18.15 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

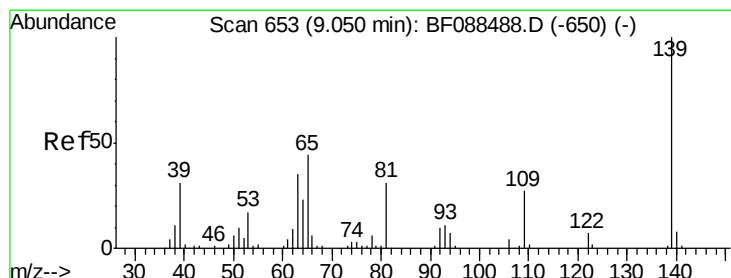
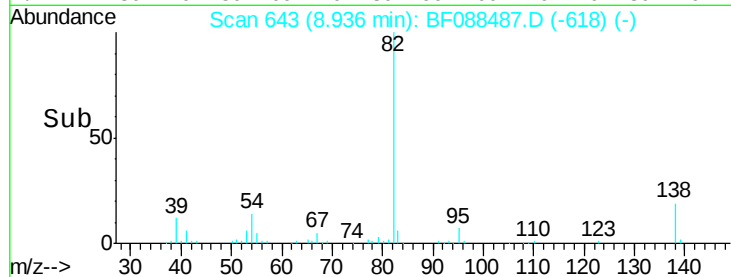
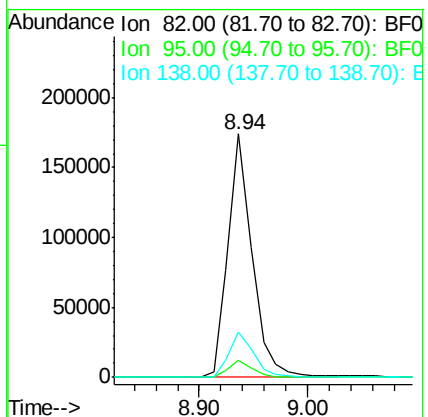
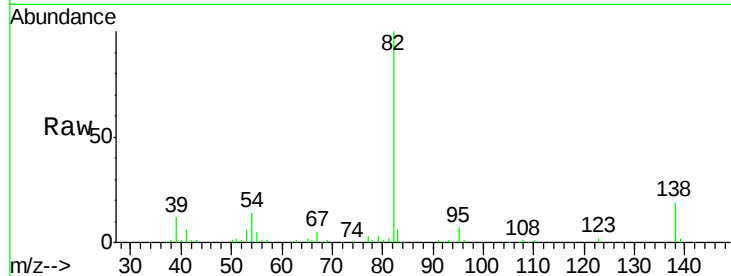
Tot Ion: 82 Resp: 265672

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 18.7 14.6 21.8



#26

2-Nitrophenol

Concen: 18.27 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

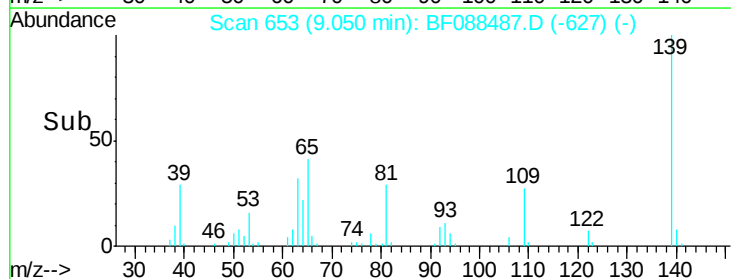
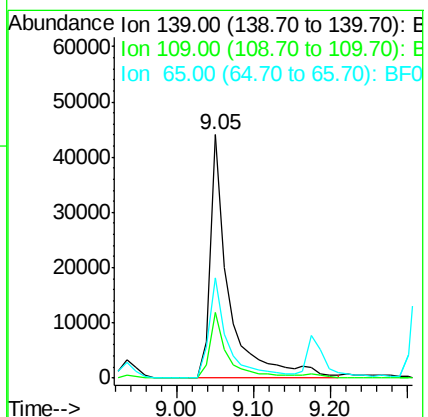
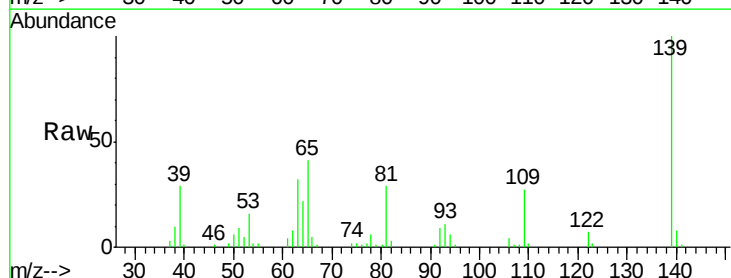
Tgt Ion: 139 Resp: 74910

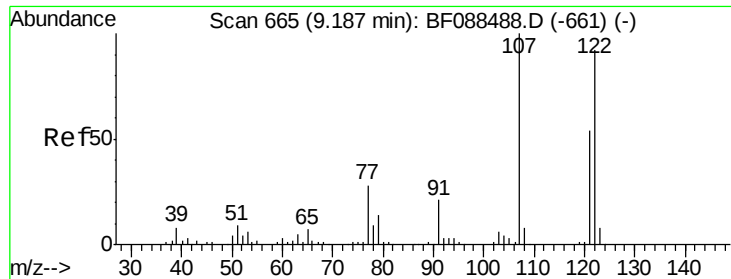
Ion Ratio Lower Upper

139 100

109 26.8 23.0 34.4

65 41.1 45.8 68.8#

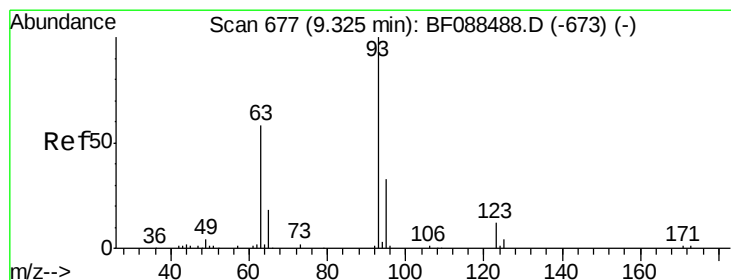
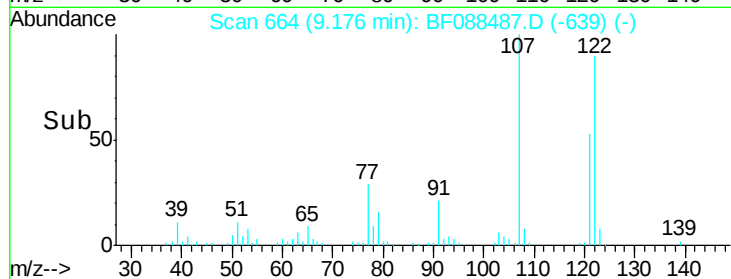
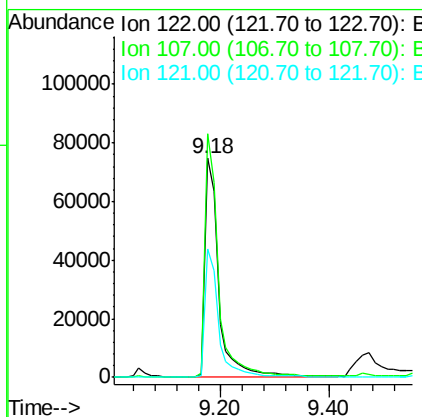
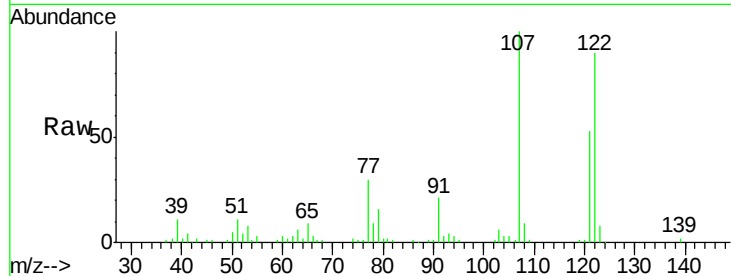




#27
 2,4-Dimethylphenol
 Concen: 17.66 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

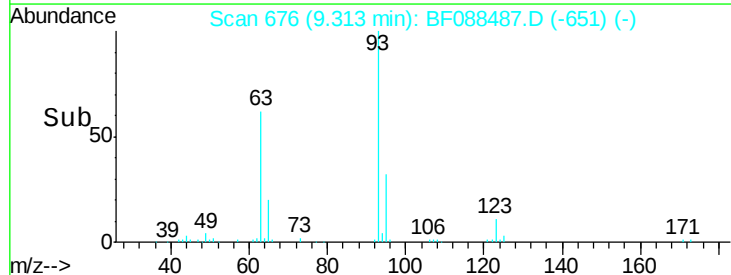
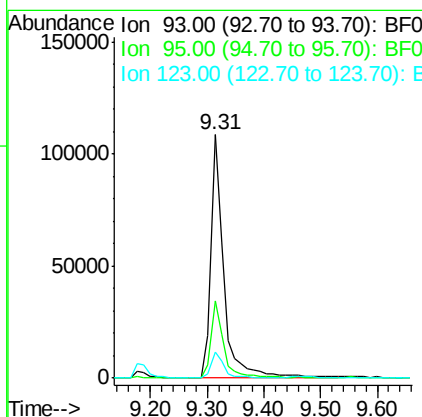
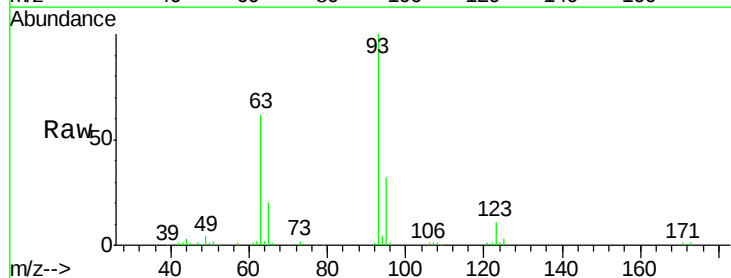
Instrument :
 BNA_F
 ClientSampleId :

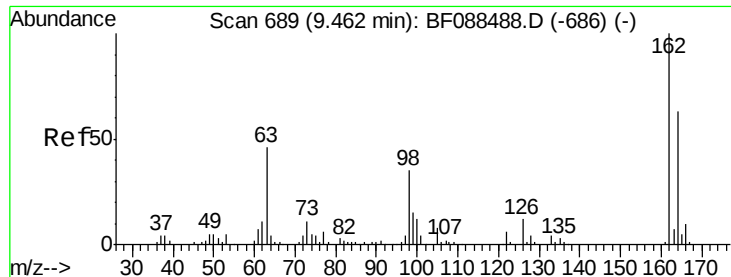
Tot Ion:122 Resp: 133306
 Ion Ratio Lower Upper
 122 100
 107 111.2 82.4 123.6
 121 58.8 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 18.48 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion: 93 Resp: 167799
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.5 39.7
 123 10.8 11.6 17.4#

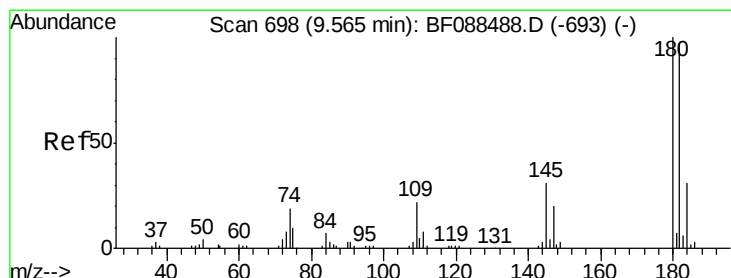
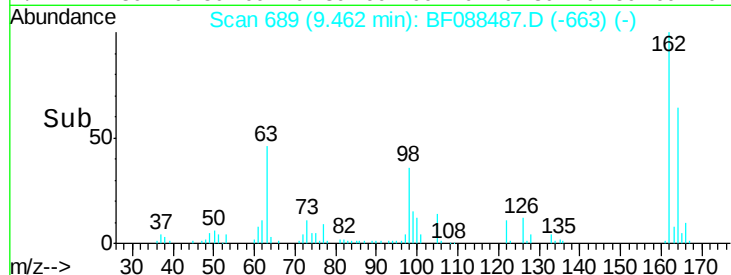
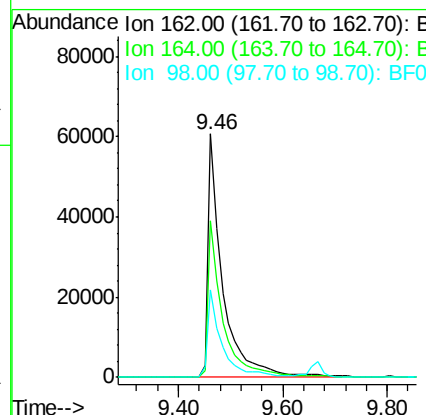
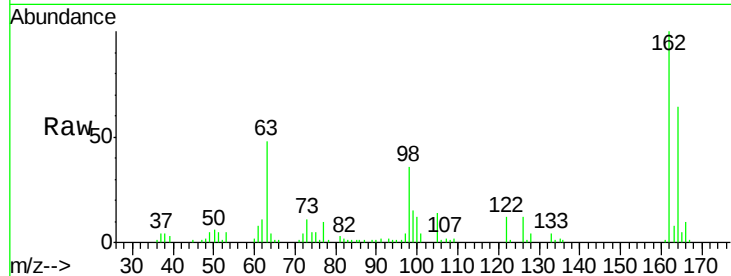




#29
 2,4-Dichlorophenol
 Concen: 19.00 ng
 RT: 9.46 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

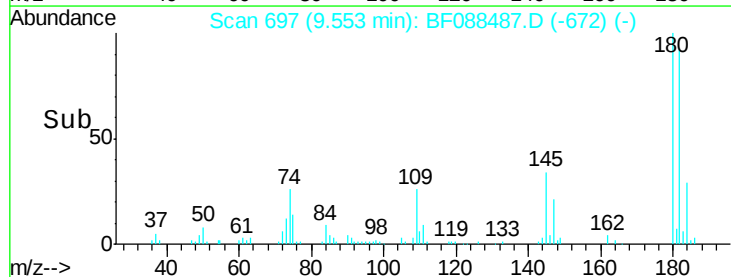
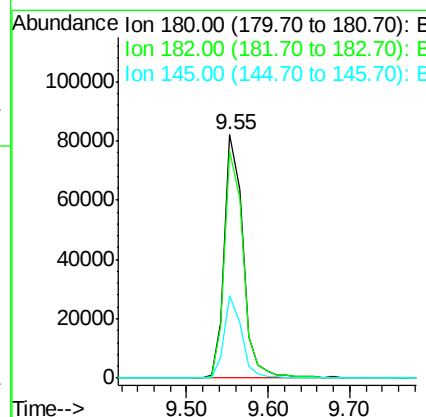
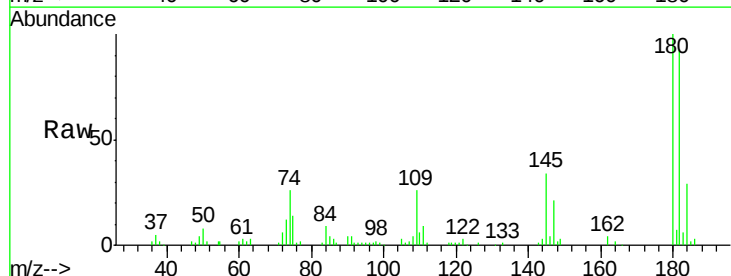
Instrument :
 BNA_F
 ClientSampleId :

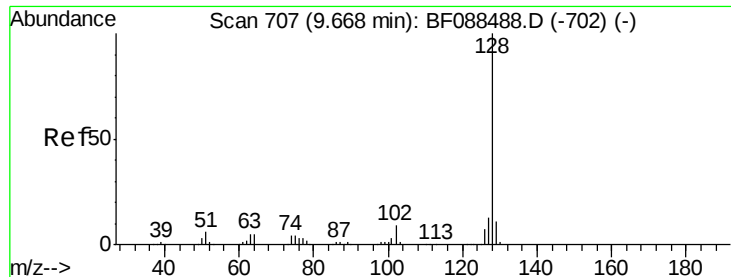
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.8	83.8
98	35.8	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 19.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.0	114.0
145	33.7	26.5	39.7

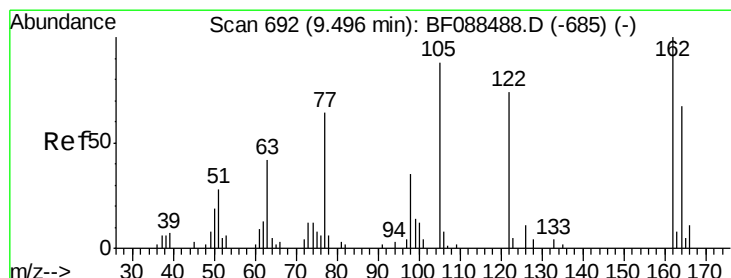
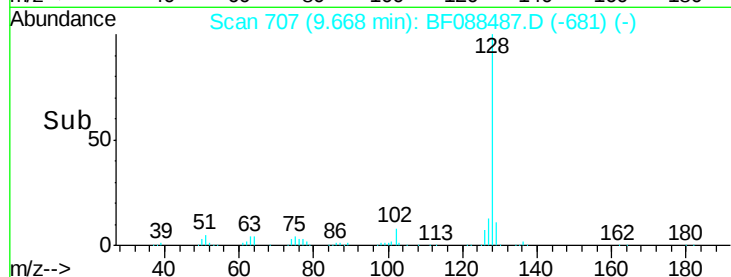
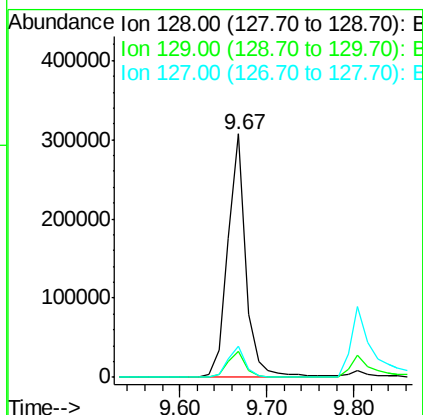
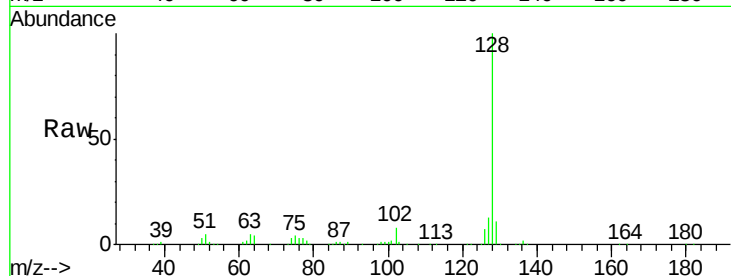




#31
Naphthalene
Concen: 19.61 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

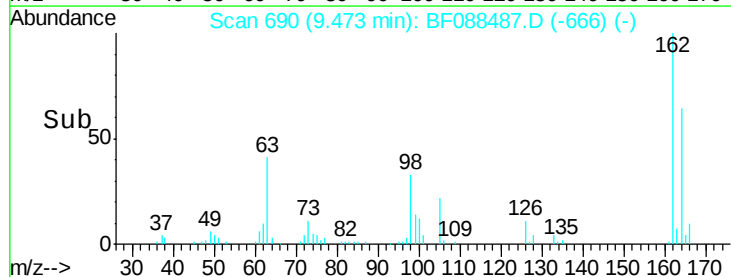
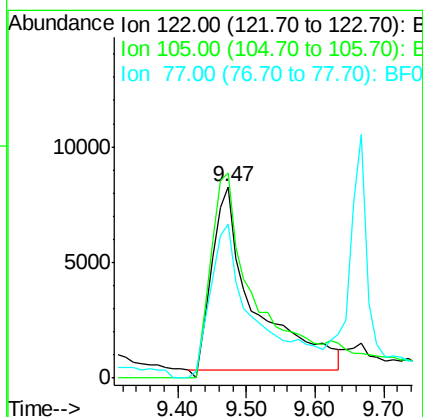
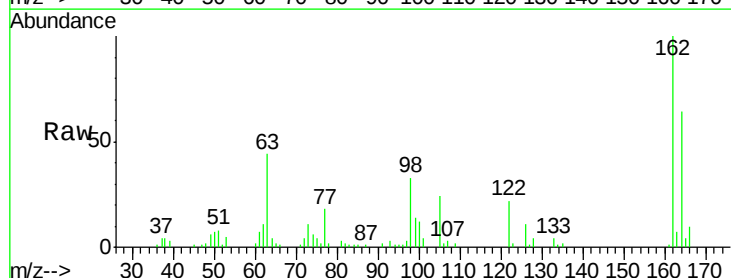
Instrument :
BNA_F
ClientSampleId :

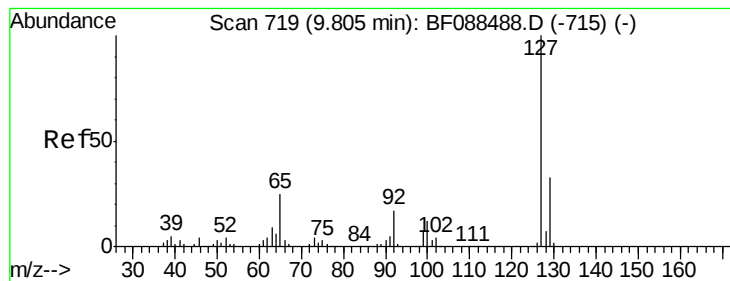
Tot Ion:128 Resp: 447949
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 13.0 10.9 16.3



#32
Benzoic acid
Concen: 8.10 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Tgt Ion:122 Resp: 33674
Ion Ratio Lower Upper
122 100
105 107.5 101.6 141.6
77 80.4 70.6 110.6

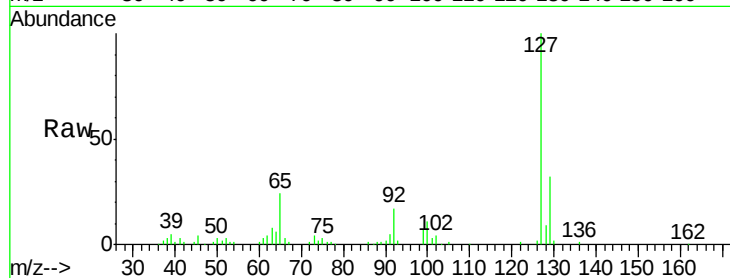




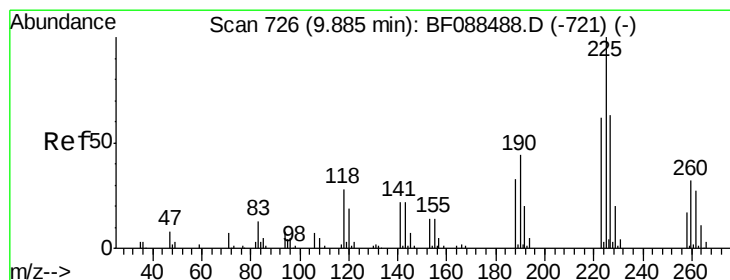
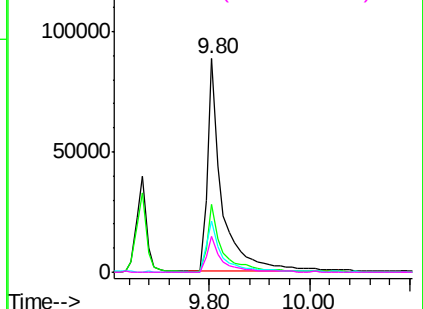
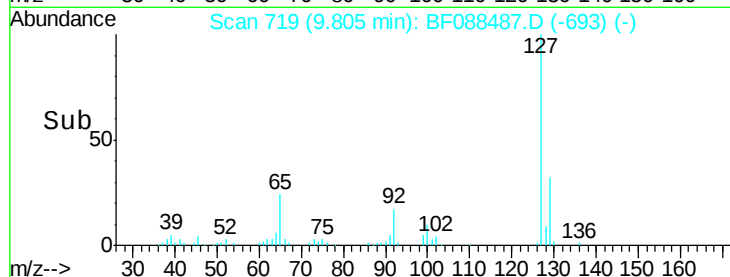
#33
 4-Chloroaniline
 Concen: 17.44 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:127	Resp:	177799
Ion	Ratio	Lower Upper
127	100	
129	31.8	26.3 39.5
65	23.9	24.7 37.1#
92	16.8	15.4 23.0

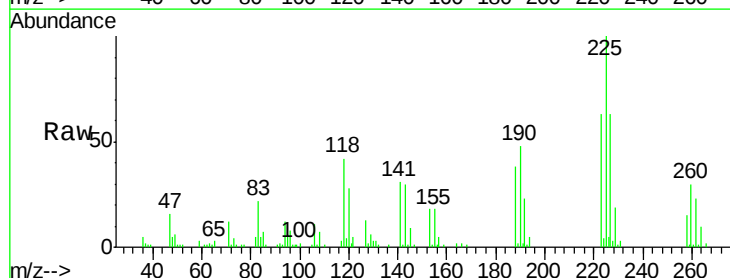


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

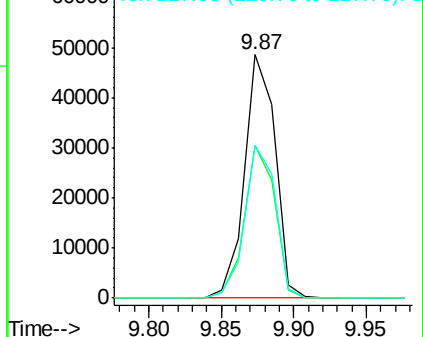
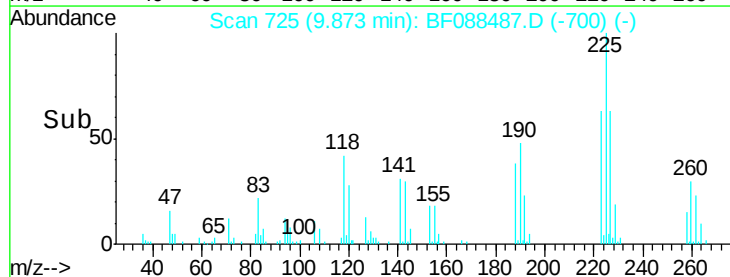


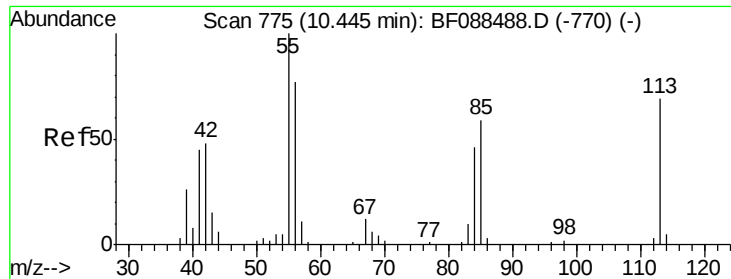
#34
 Hexachlorobutadiene
 Concen: 19.63 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion:225	Resp:	71064
Ion	Ratio	Lower Upper
225	100	
223	62.5	50.9 76.3
227	62.6	51.9 77.9



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

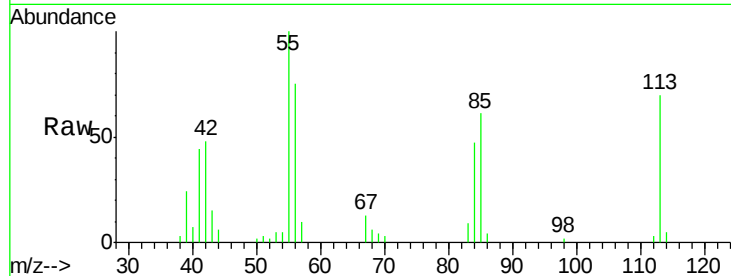




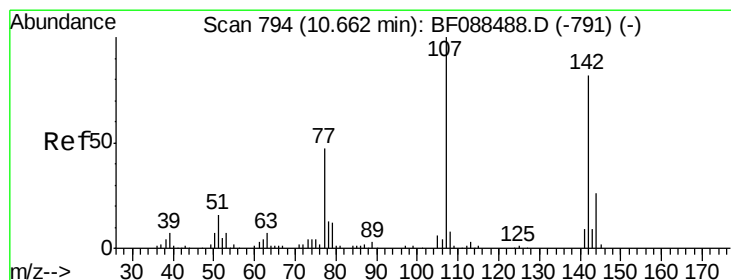
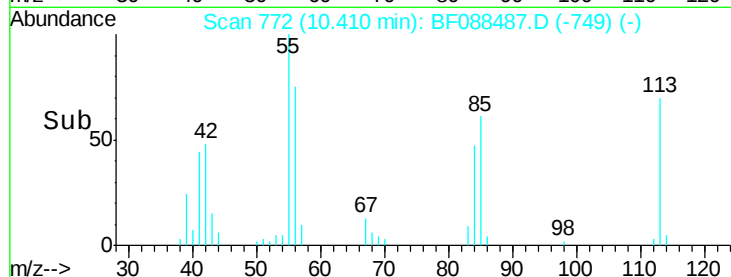
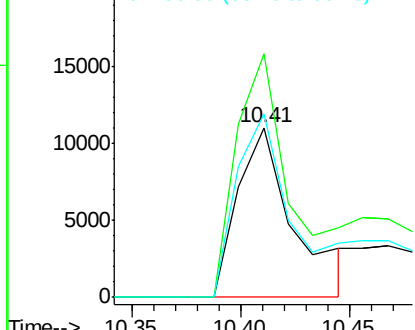
#35
 Caprolactam
 Concen: 9.51 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 19850
 Ion Ratio Lower Upper
 113 100
 55 143.4 158.6 198.6#
 56 108.0 110.6 150.6#

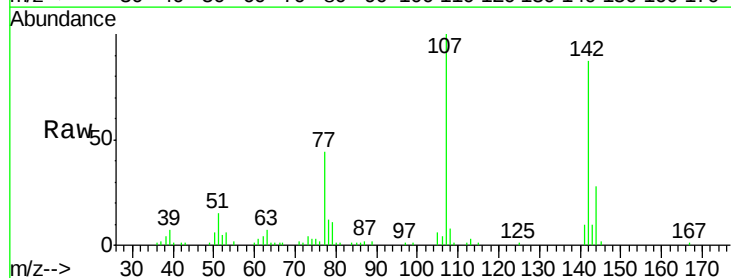


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

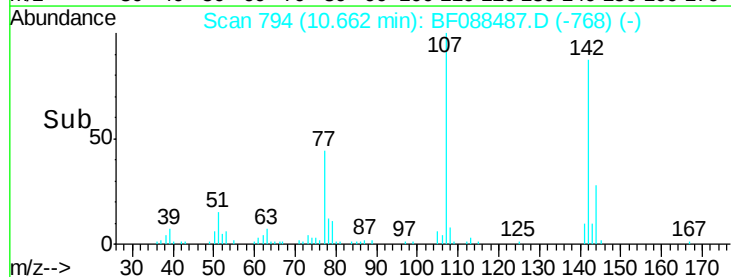
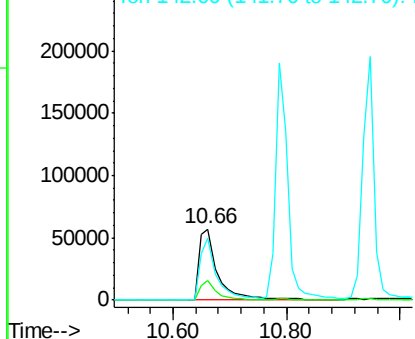


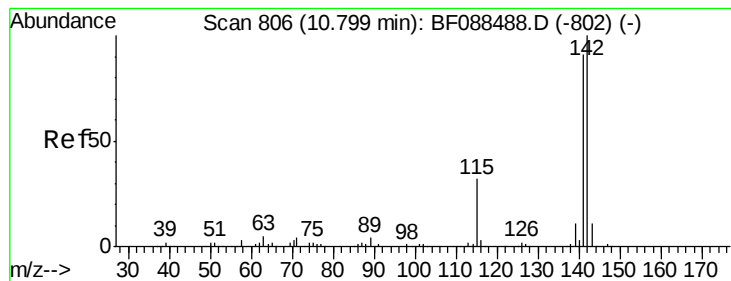
#36
 4-Chloro-3-methylphenol
 Concen: 18.84 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion:107 Resp: 127007
 Ion Ratio Lower Upper
 107 100
 144 27.6 20.8 31.2
 142 86.9 63.4 95.2



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: 18.75 ng

RT: 10.79 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

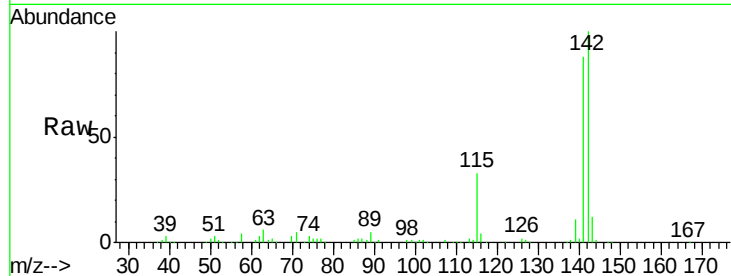
Tot Ion:142 Resp: 282202

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6

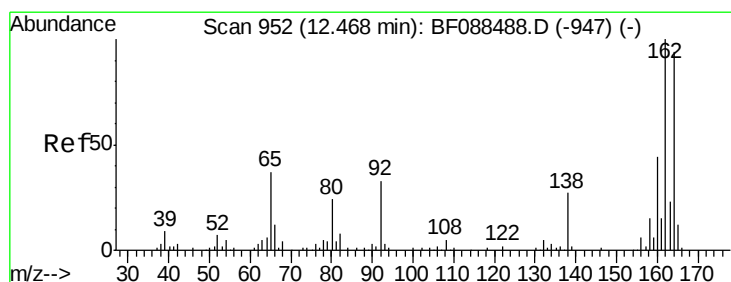
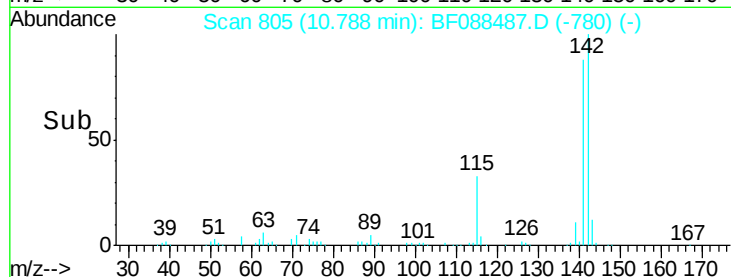
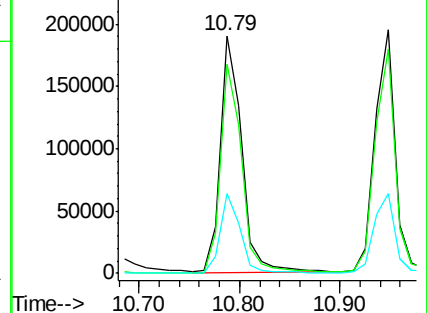
115 33.4 22.6 33.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

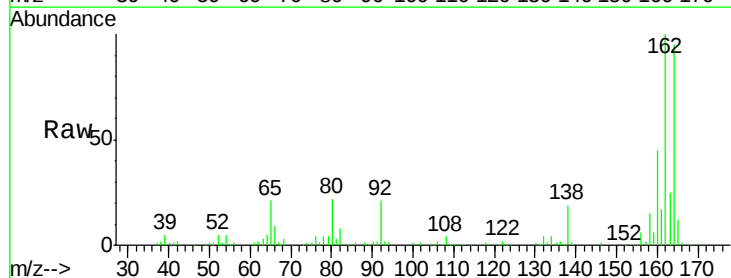
Tgt Ion:164 Resp: 214869

Ion Ratio Lower Upper

164 100

162 105.2 85.4 128.2

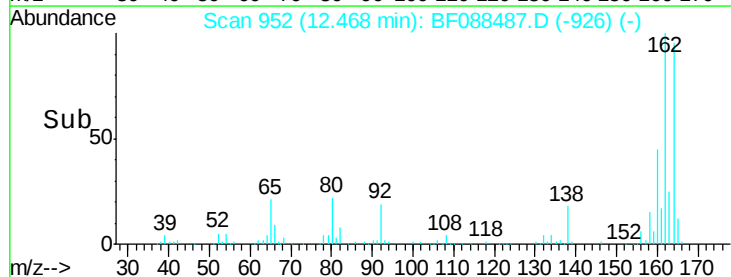
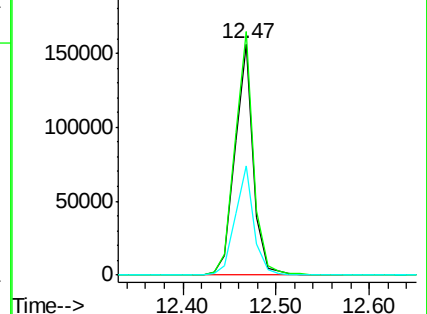
160 47.4 39.5 59.3

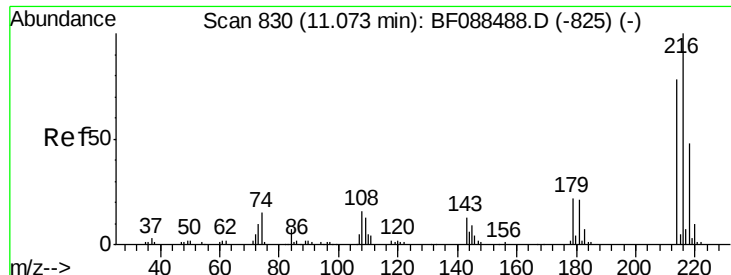


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

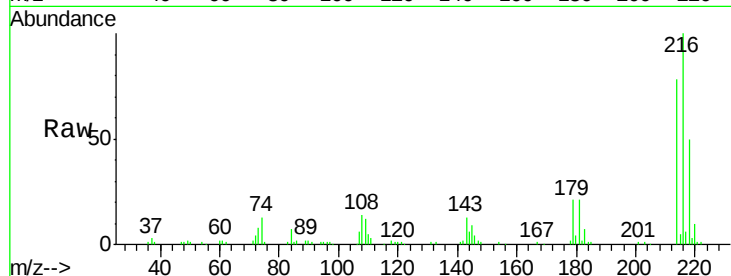




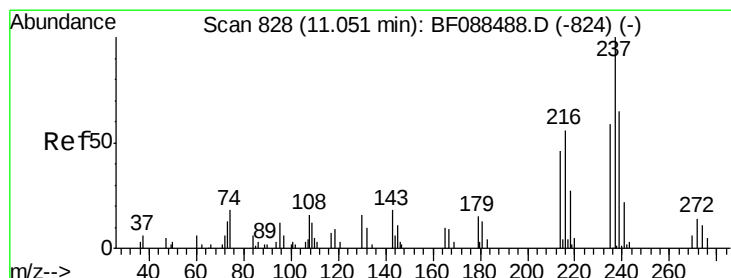
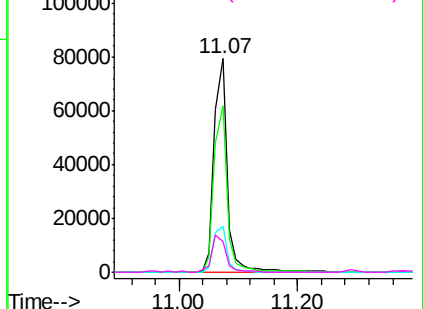
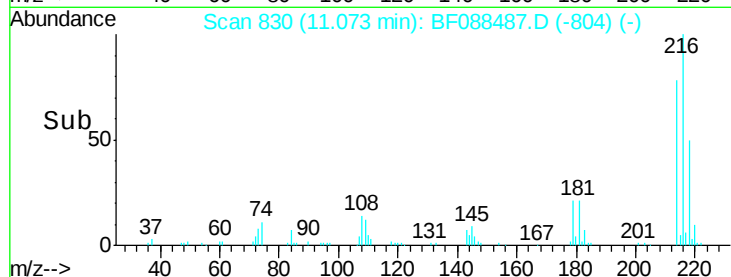
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.49 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 122068
 Ion Ratio Lower Upper
 216 100
 214 78.1 2.9 4.3#
 179 21.7 0.0 0.0#
 108 18.5 0.5 0.7#

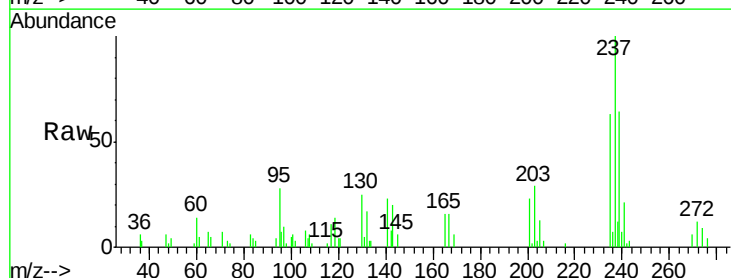


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

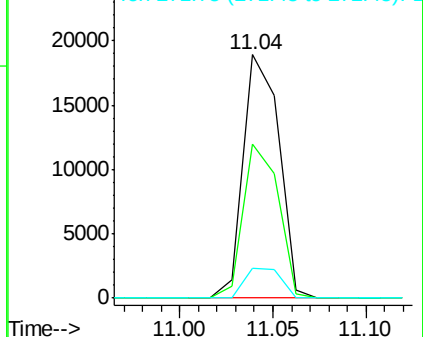
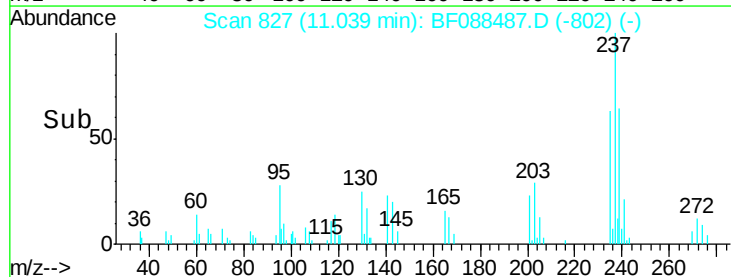


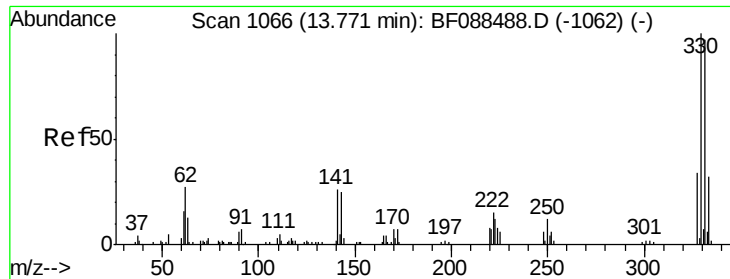
#40
 Hexachlorocyclopentadiene
 Concen: 7.26 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion:237 Resp: 25152
 Ion Ratio Lower Upper
 237 100
 235 63.2 43.4 83.4
 272 12.0 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

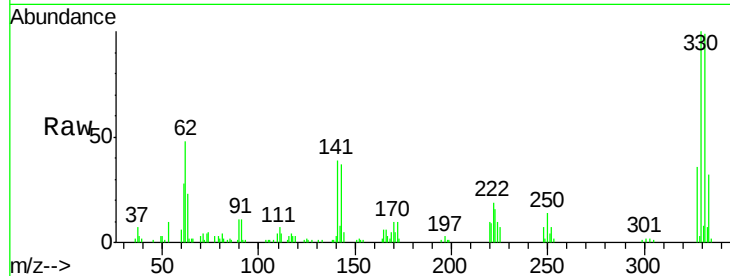




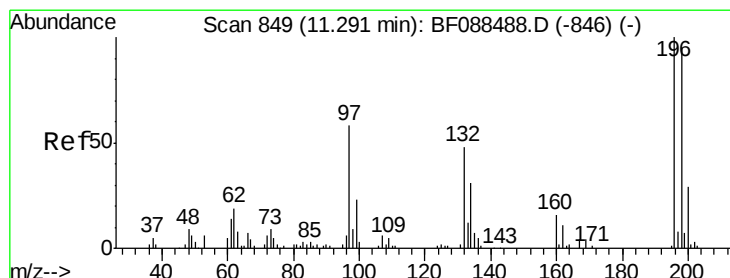
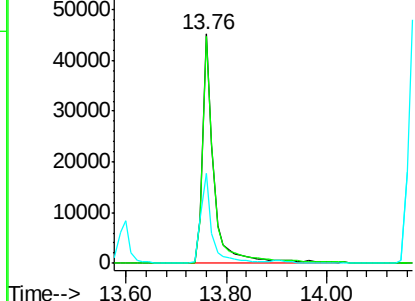
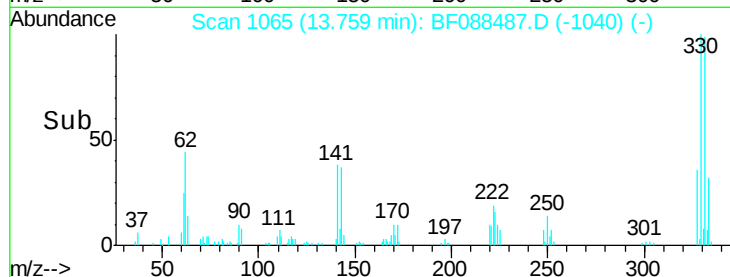
#41
 2,4,6-Tribromophenol
 Concen: 31.52 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 71503
 Ion Ratio Lower Upper
 330 100
 332 98.9 0.0 0.0#
 141 38.9 0.0 0.0#

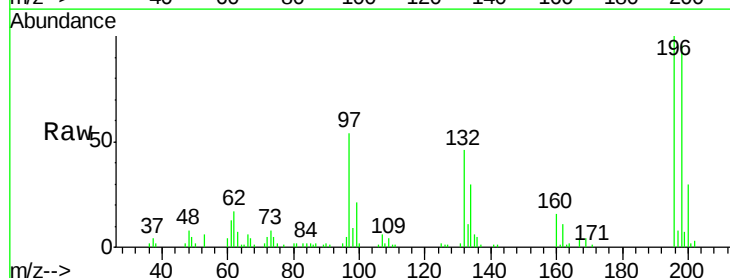


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

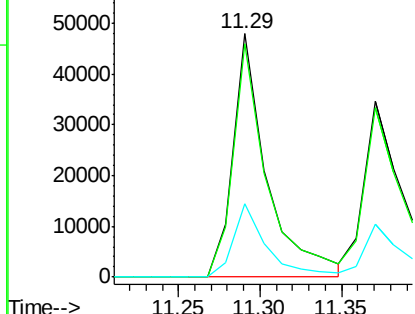
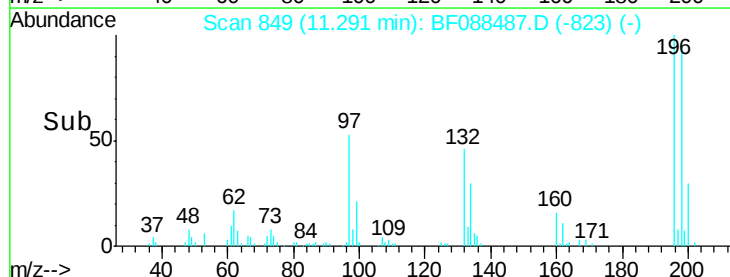


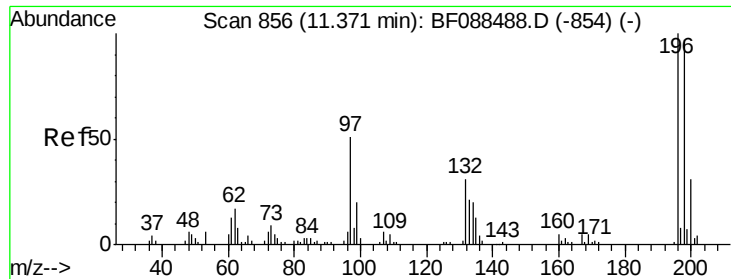
#42
 2,4,6-Trichlorophenol
 Concen: 16.02 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion:196 Resp: 68835
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.0 117.0
 200 30.1 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

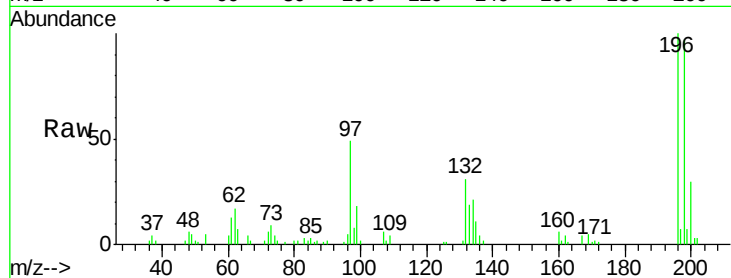




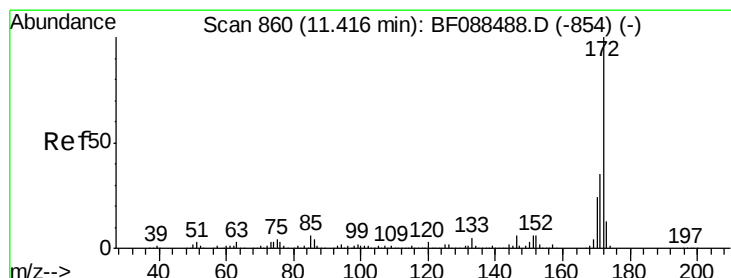
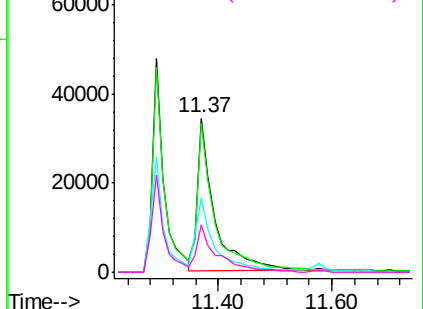
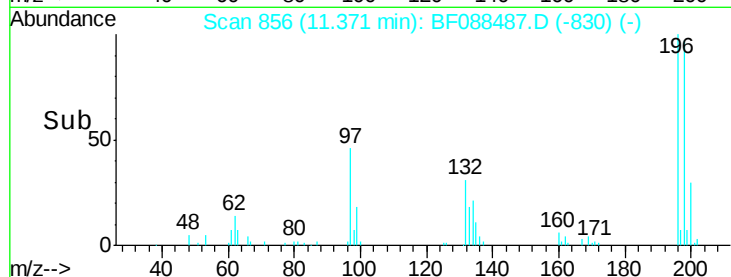
#43
 2,4,5-Trichlorophenol
 Concen: 16.02 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 71622
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.5 116.3
 97 48.5 32.0 48.0#
 132 31.2 20.9 31.3

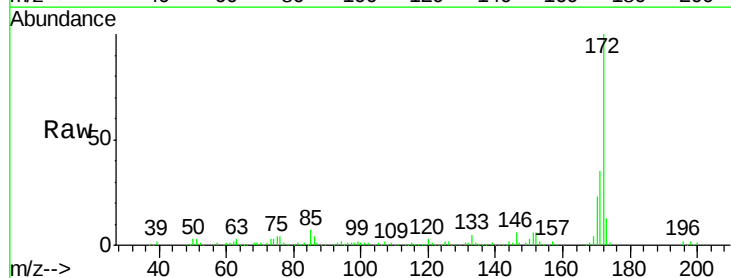


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

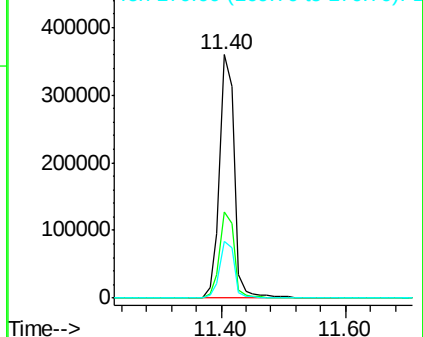
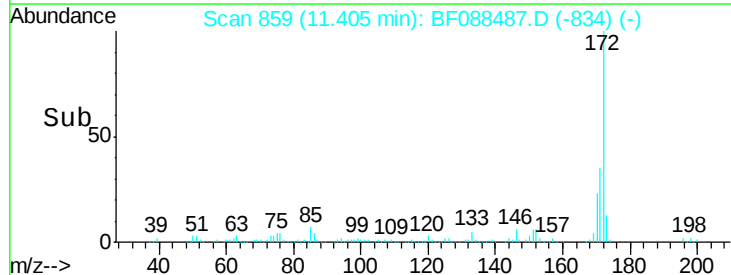


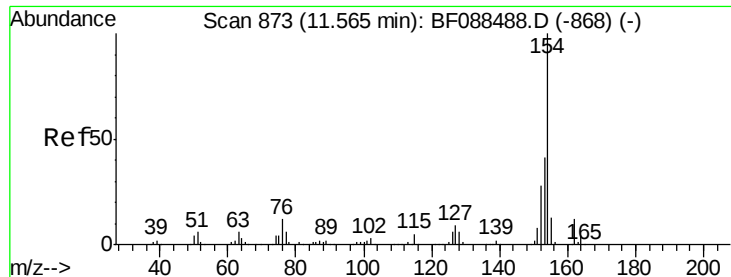
#44
 2-Fluorobiphenyl
 Concen: 36.51 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion:172 Resp: 589004
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.3 19.2 28.8



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

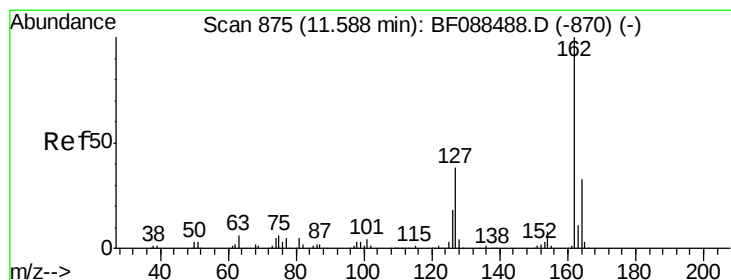
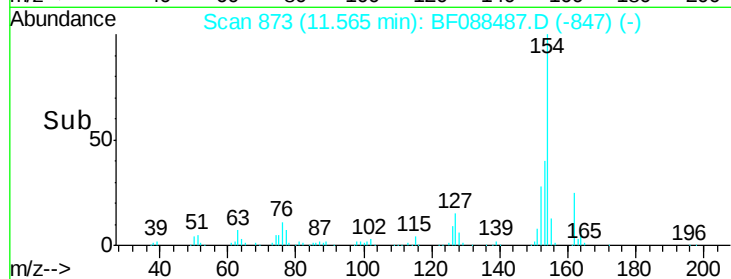
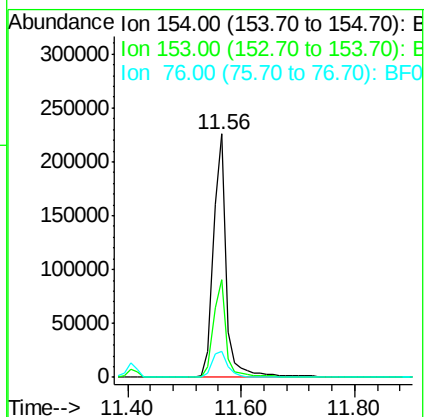
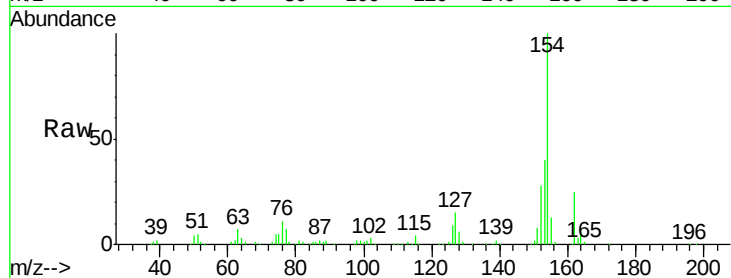




#45
 1,1'-Biphenyl
 Concen: 20.12 ng
 RT: 11.56 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

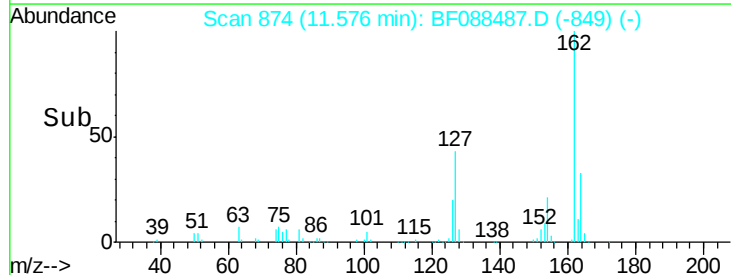
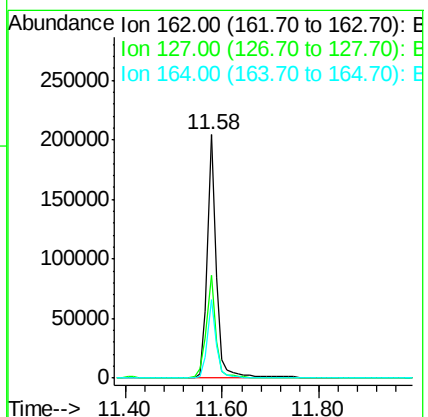
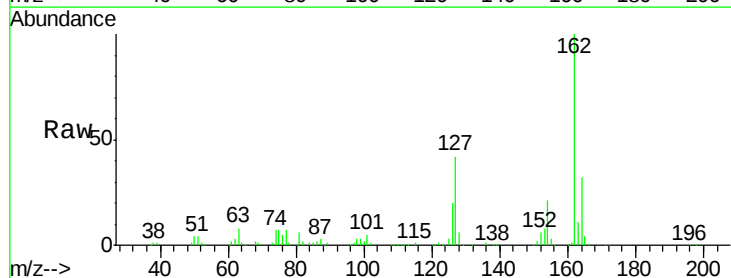
Instrument :
 BNA_F
 ClientSampleId :

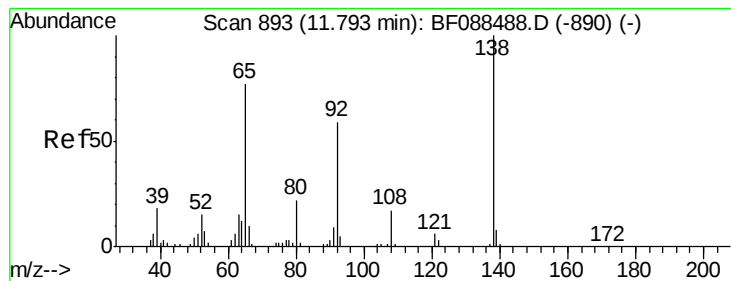
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	10.9	0.0	35.1



#46
 2-Chloronaphthalene
 Concen: 19.56 ng
 RT: 11.58 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	35.2	52.8
164	32.5	26.6	39.8





#47

2-Nitroaniline

Concen: 17.34 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampled :

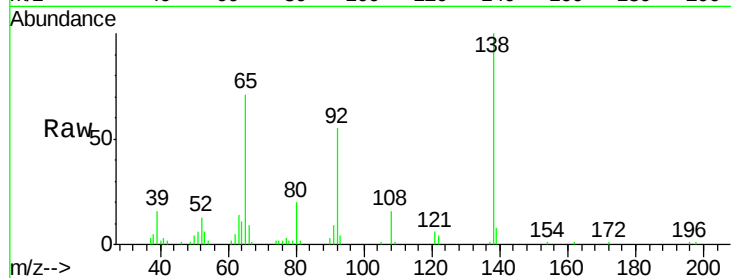
Tot Ion: 65 Resp: 71115

Ion Ratio Lower Upper

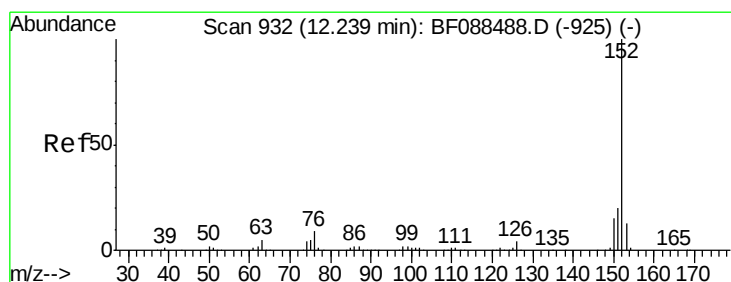
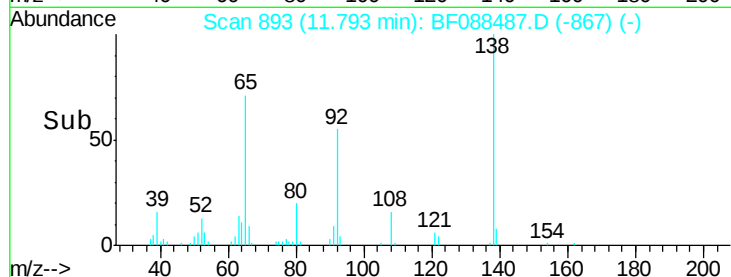
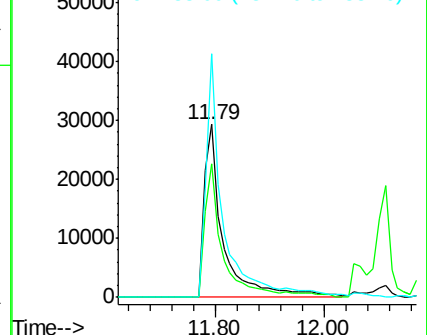
65 100

92 77.6 54.6 82.0

138 141.0 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 19.75 ng

RT: 12.24 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

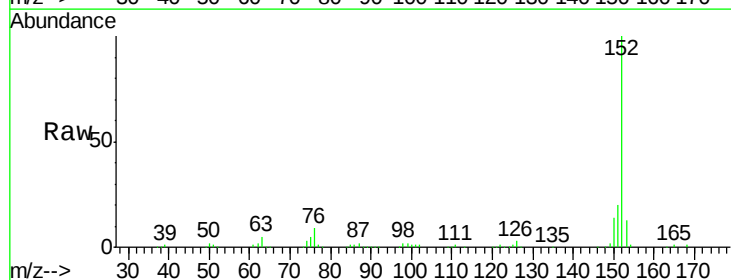
Tgt Ion:152 Resp: 436908

Ion Ratio Lower Upper

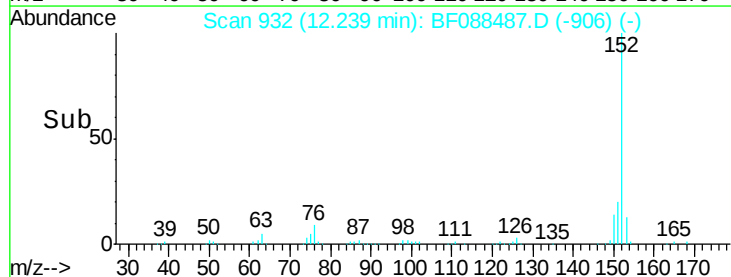
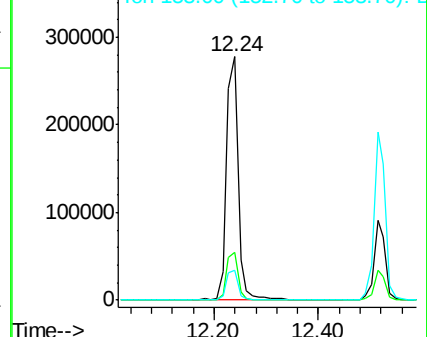
152 100

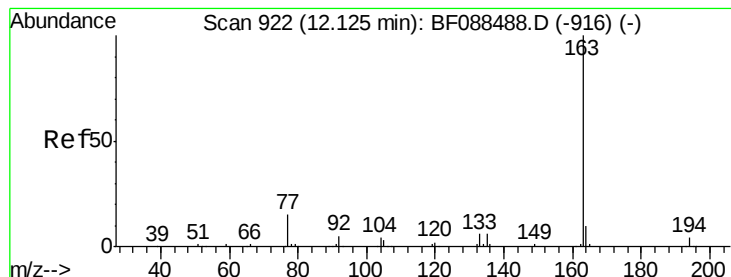
151 19.7 16.2 24.4

153 12.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 20.26 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

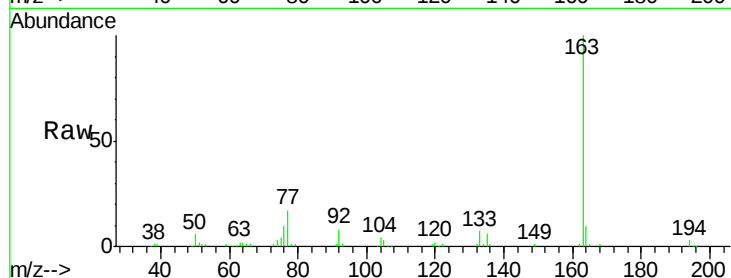
Tot Ion:163 Resp: 315327

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

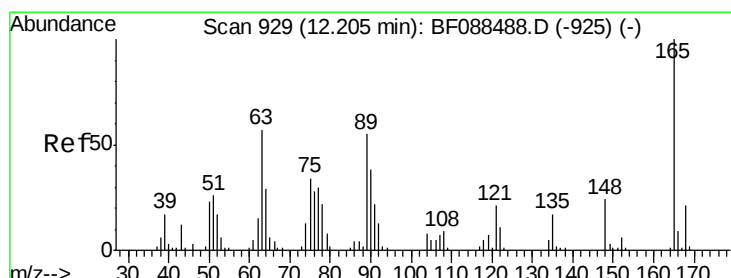
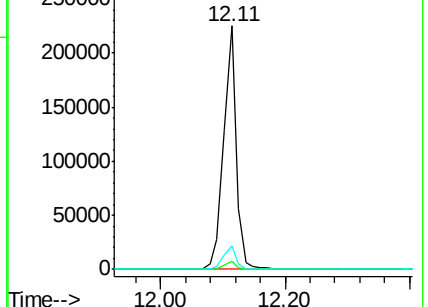
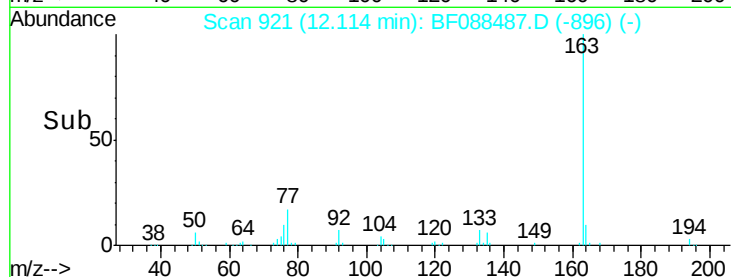
164 9.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 19.14 ng

RT: 12.20 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

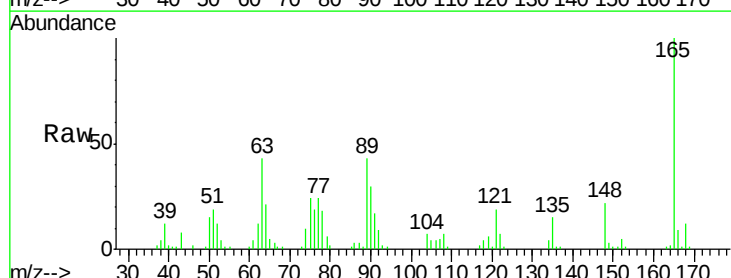
Tgt Ion:165 Resp: 68222

Ion Ratio Lower Upper

165 100

63 42.8 28.1 42.1#

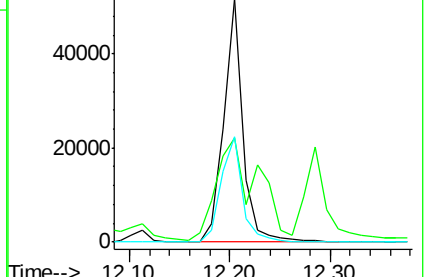
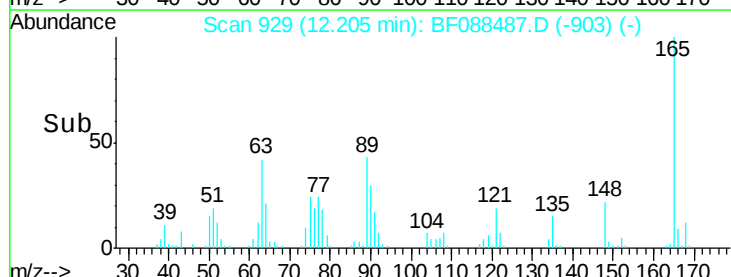
89 43.4 32.2 48.2

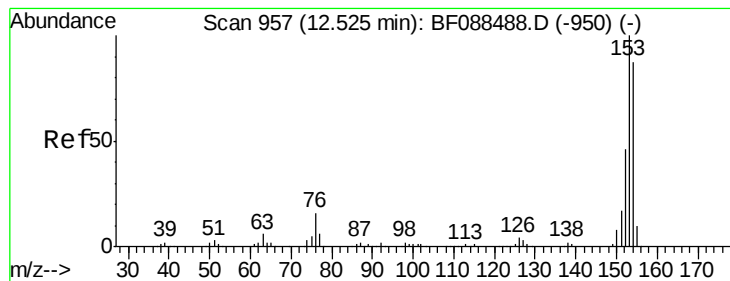


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 18.42 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

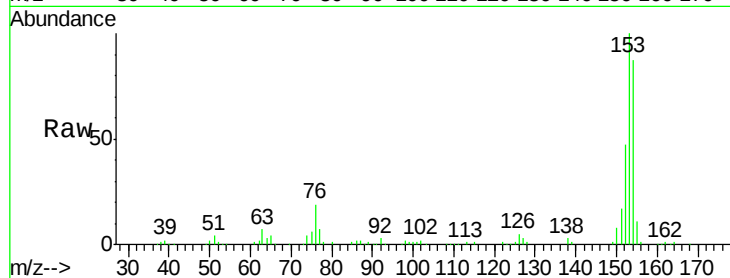
Tot Ion:154 Resp: 254115

Ion Ratio Lower Upper

154 100

153 114.7 89.5 134.3

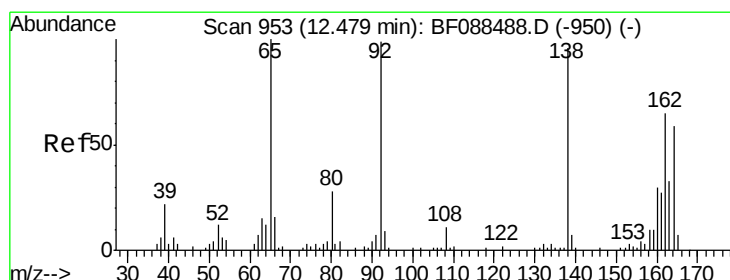
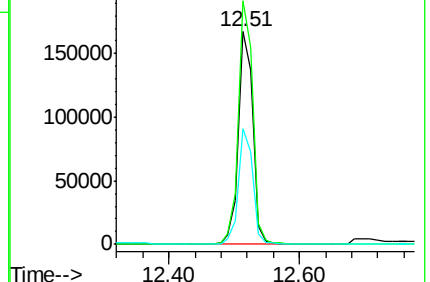
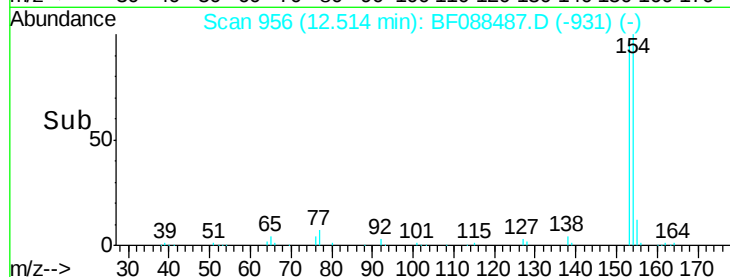
152 54.5 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.84 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

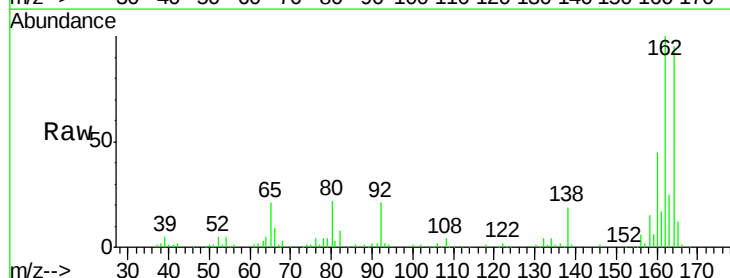
Tgt Ion:138 Resp: 73364

Ion Ratio Lower Upper

138 100

108 20.6 8.5 12.7#

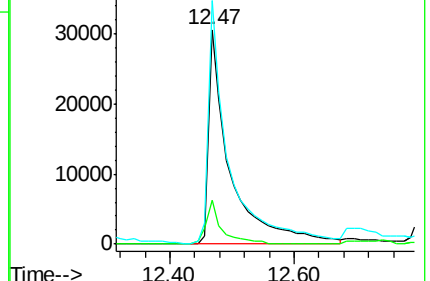
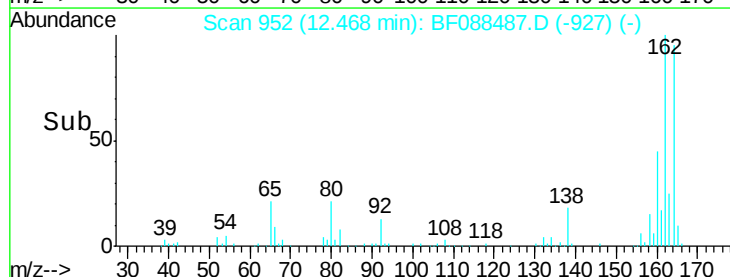
92 113.6 95.7 143.5

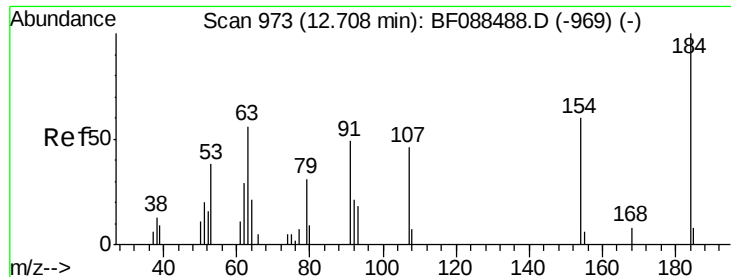


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

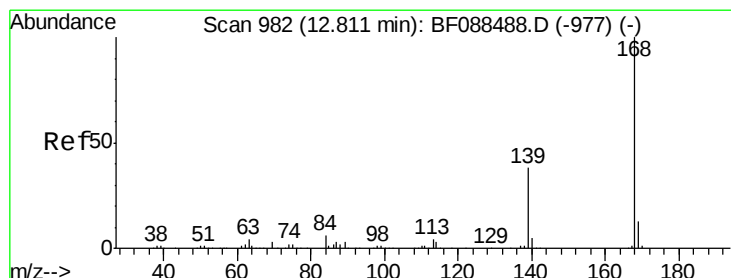
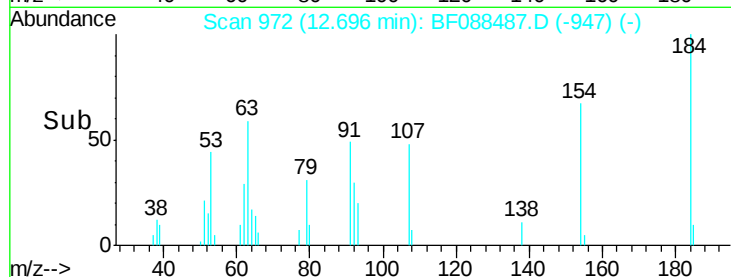
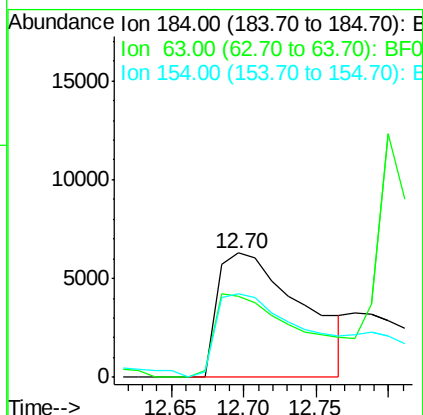
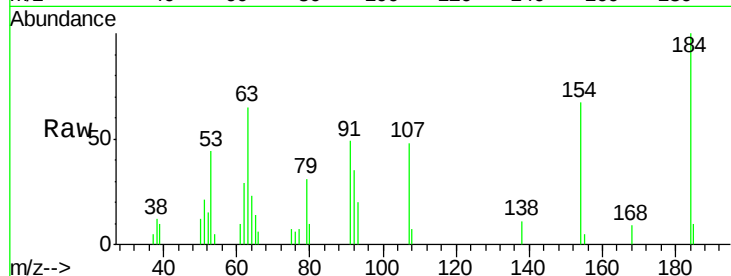




#53
 2,4-Dinitrophenol
 Concen: 19.33 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

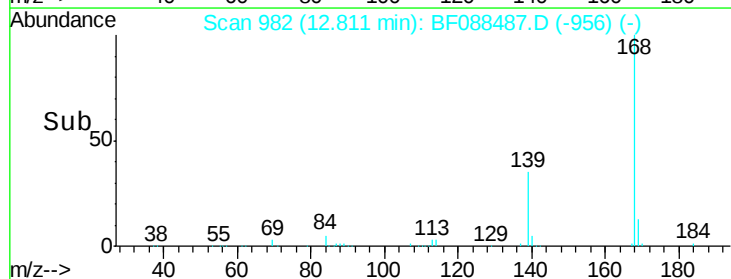
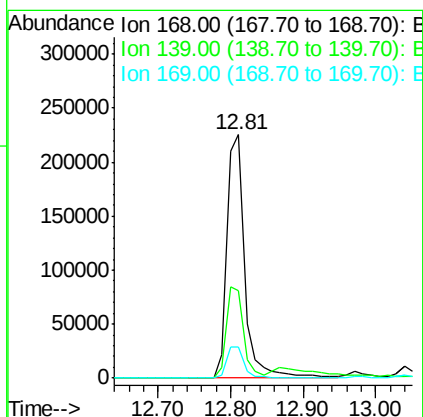
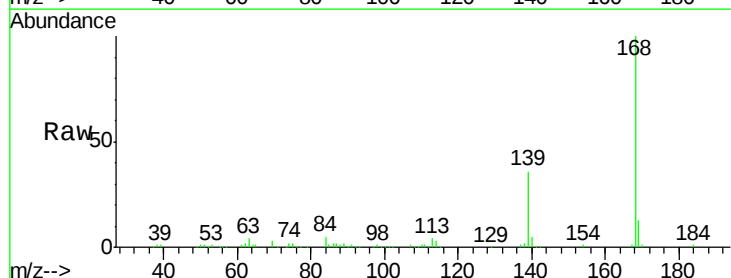
Instrument :
 BNA_F
 ClientSampleId :

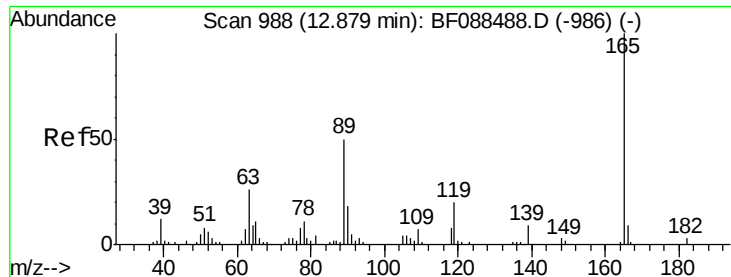
Tot Ion:184 Resp: 25353
 Ion Ratio Lower Upper
 184 100
 63 65.3 57.6 86.4
 154 67.3 53.5 80.3



#54
 Dibenzofuran
 Concen: 20.36 ng
 RT: 12.81 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion:168 Resp: 386952
 Ion Ratio Lower Upper
 168 100
 139 36.0 26.4 39.6
 169 13.0 10.4 15.6

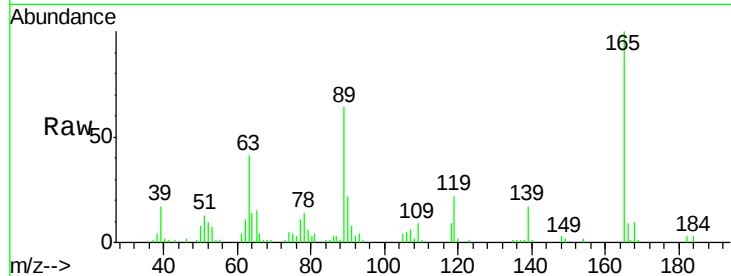




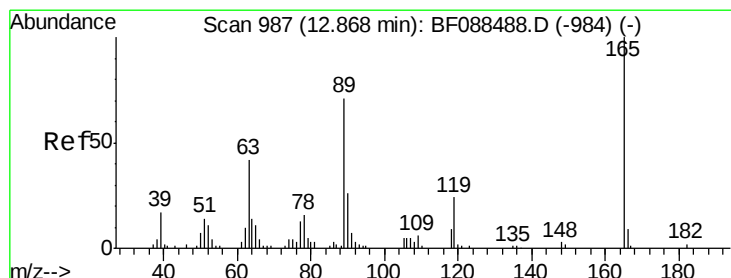
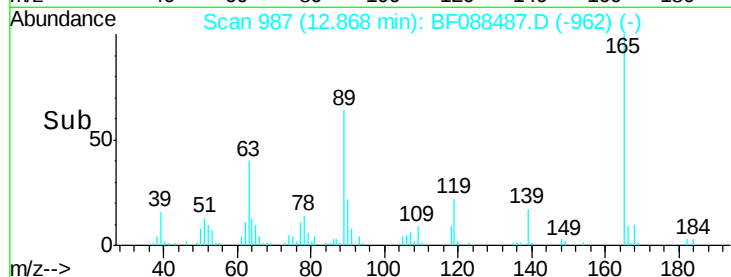
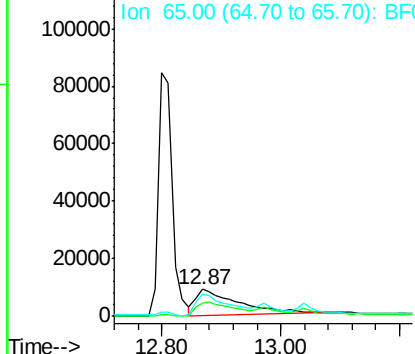
#55
4-Nitrophenol
Concen: 14.07 ng
RT: 12.87 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 44926
Ion Ratio Lower Upper
139 100
109 49.9 48.9 88.9
65 84.4 84.9 124.9#



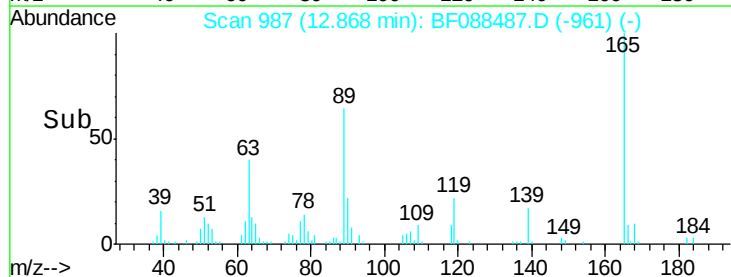
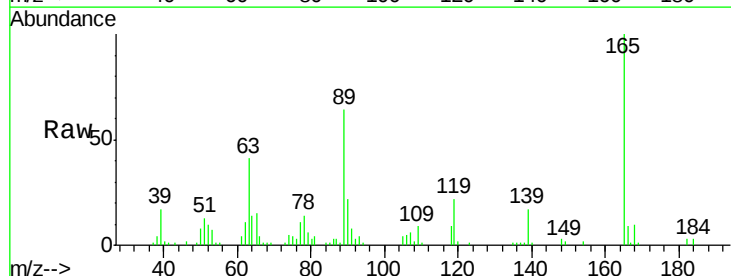
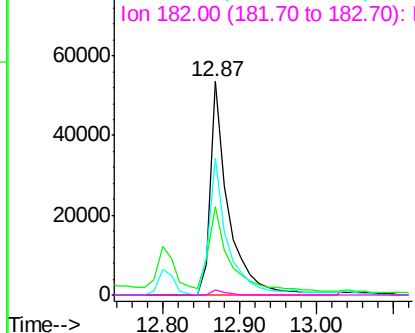
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

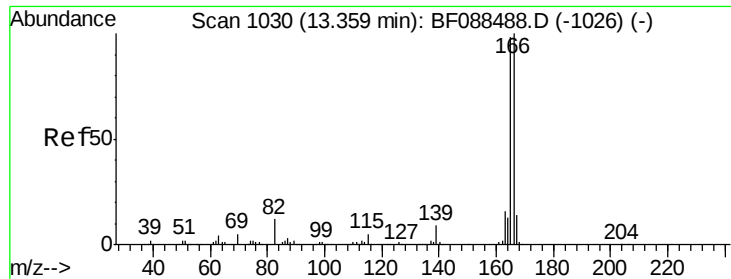


#56
2,4-Dinitrotoluene
Concen: 19.23 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Tgt Ion:165 Resp: 88104
Ion Ratio Lower Upper
165 100
63 41.4 22.0 33.0#
89 63.9 41.1 61.7#
182 2.5 2.0 3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

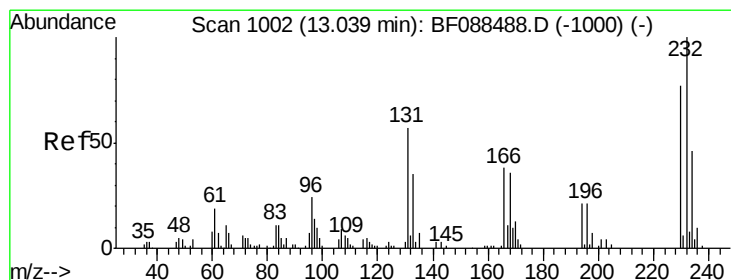
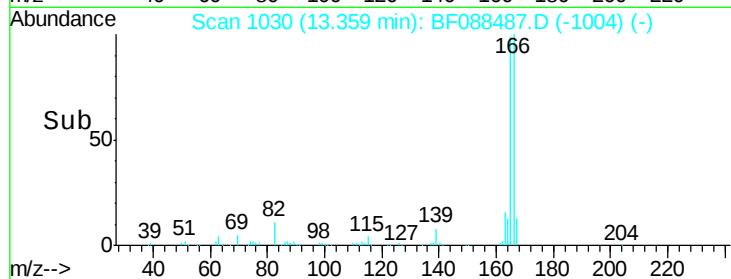
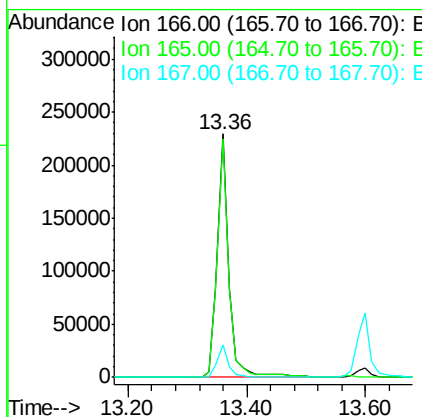
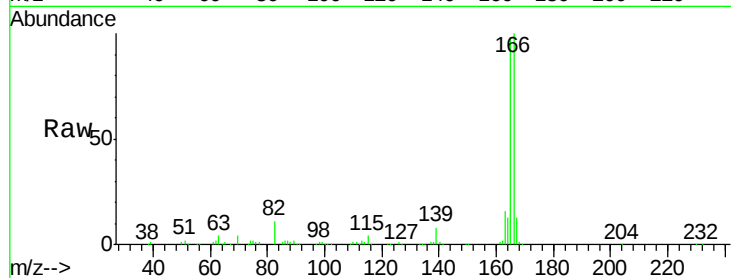




#57
 Fluorene
 Concen: 20.92 ng
 RT: 13.36 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

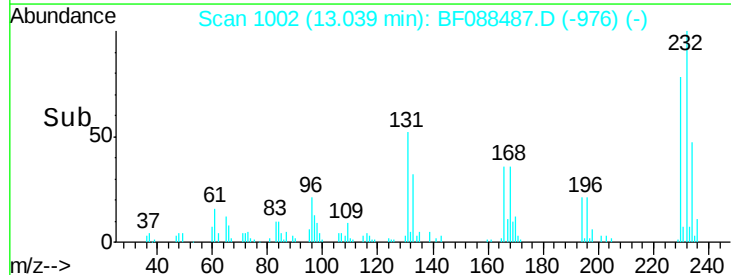
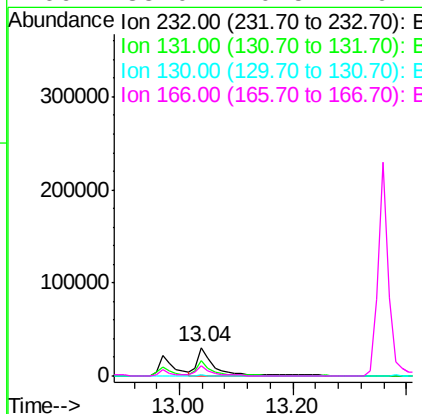
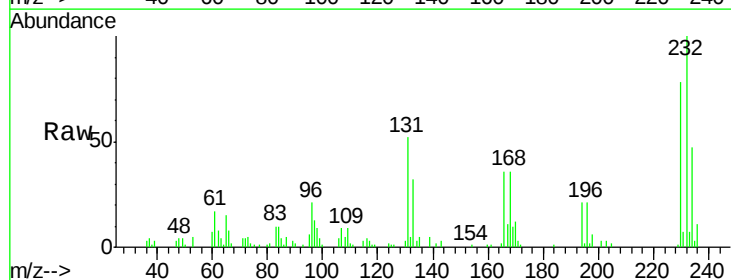
Instrument :
 BNA_F
 ClientSampleId :

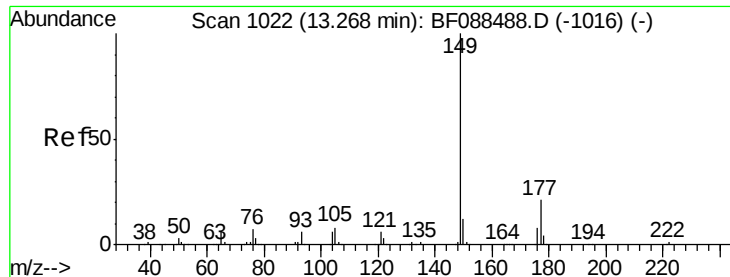
Tot Ion:166 Resp: 309793
 Ion Ratio Lower Upper
 166 100
 165 97.7 77.8 116.8
 167 13.3 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 17.49 ng
 RT: 13.04 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion:232 Resp: 61461
 Ion Ratio Lower Upper
 232 100
 131 50.3 0.9 1.3#
 130 1.7 1.5 2.3
 166 35.0 0.5 0.7#

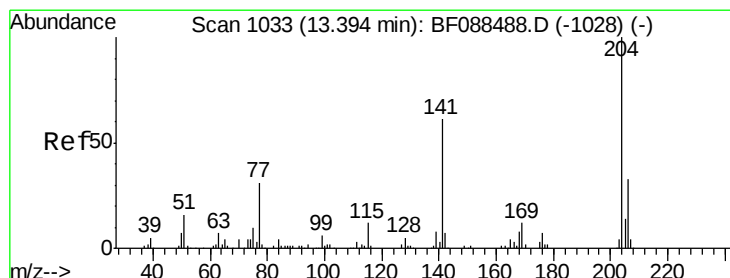
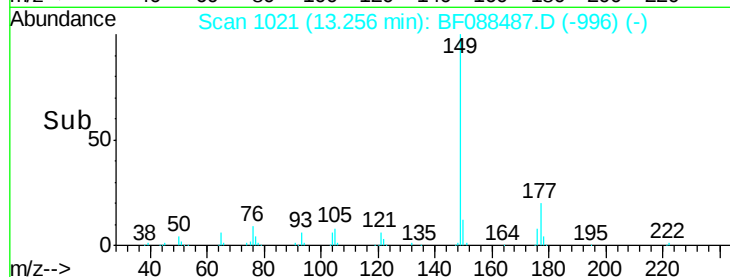
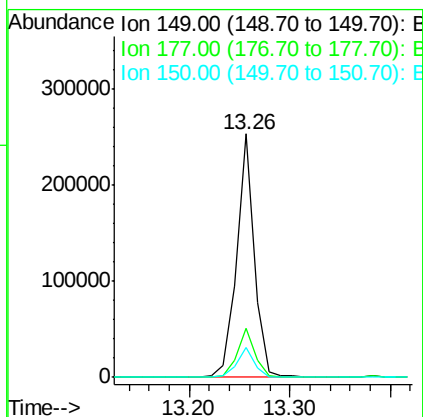
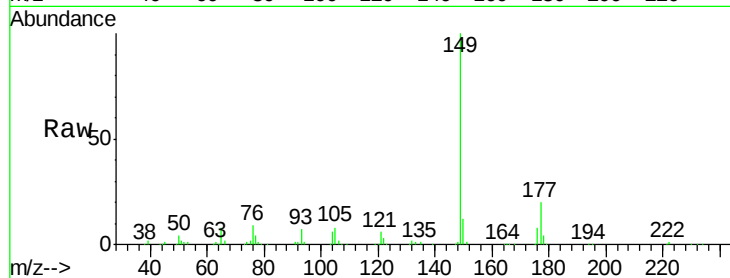




#59
Diethylphthalate
Concen: 19.66 ng
RT: 13.26 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

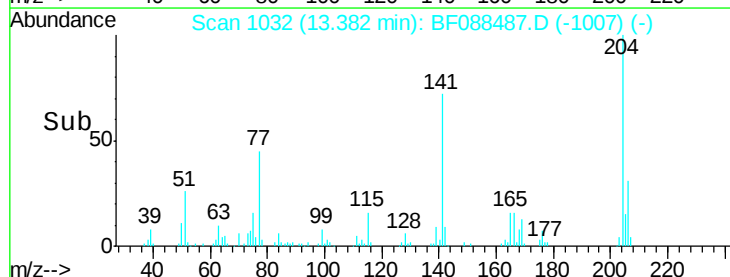
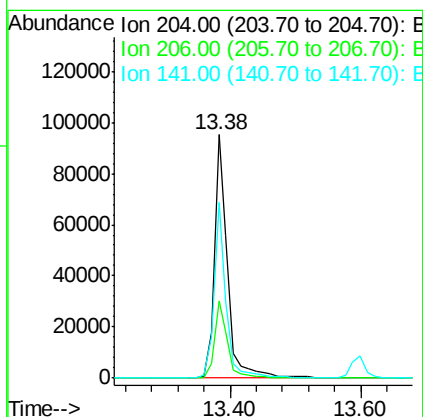
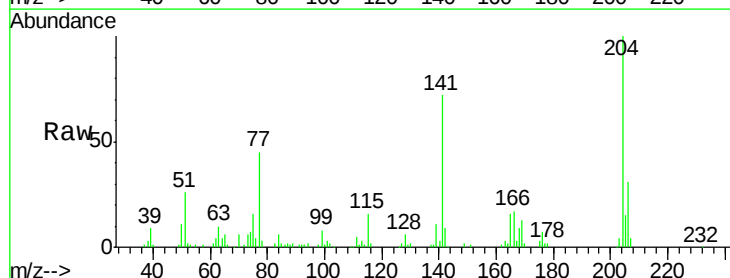
Instrument :
BNA_F
ClientSampleId :

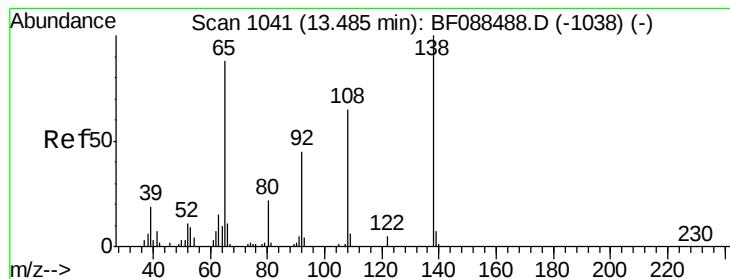
Tot Ion:149 Resp: 309775
Ion Ratio Lower Upper
149 100
177 20.3 16.9 25.3
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 21.42 ng
RT: 13.38 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Tgt Ion:204 Resp: 135349
Ion Ratio Lower Upper
204 100
206 31.5 26.3 39.5
141 72.0 55.0 82.6





#61

4-Nitroaniline

Concen: 18.10 ng

RT: 13.47 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampled :

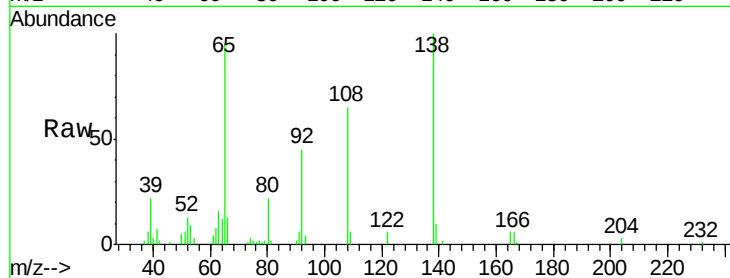
Tot Ion:138 Resp: 70628

Ion Ratio Lower Upper

138 100

92 45.4 27.3 67.3

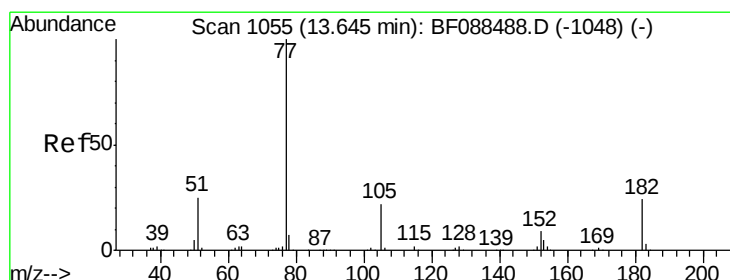
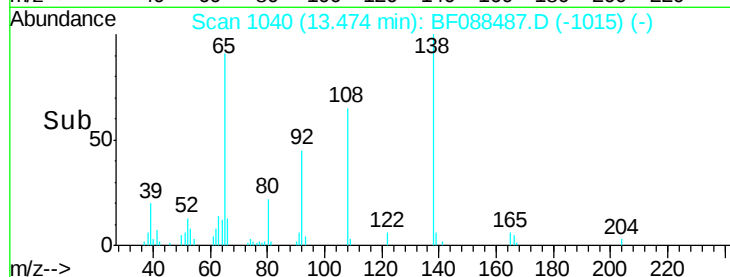
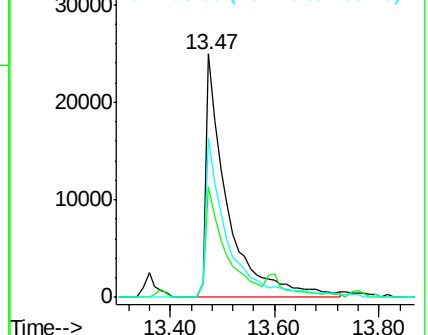
108 65.3 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 19.43 ng

RT: 13.65 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Tgt Ion: 77 Resp: 302775

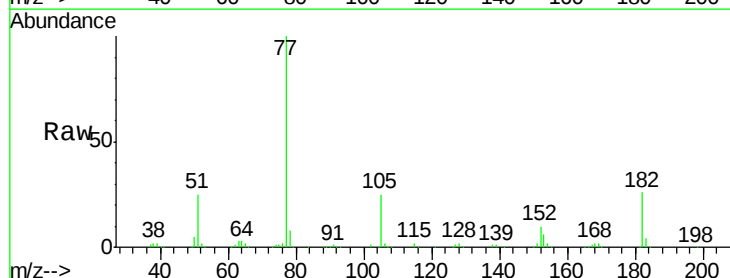
Ion Ratio Lower Upper

77 100

182 26.3 4.4 44.4

105 24.6 3.8 43.8

51 25.1 9.3 49.3

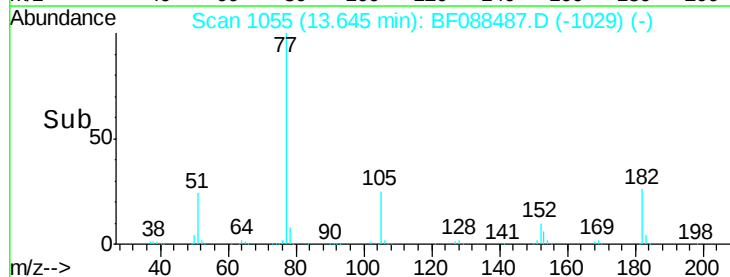
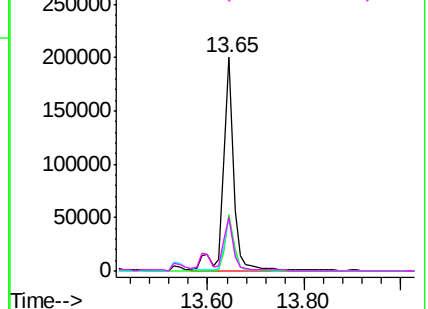


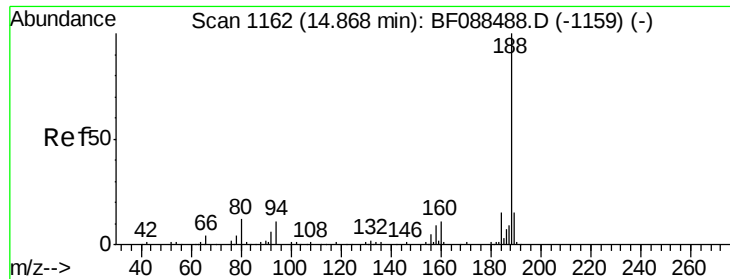
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

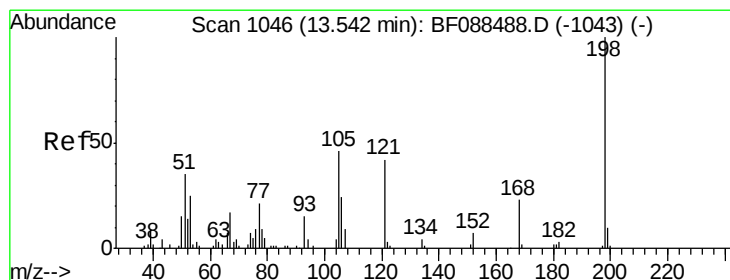
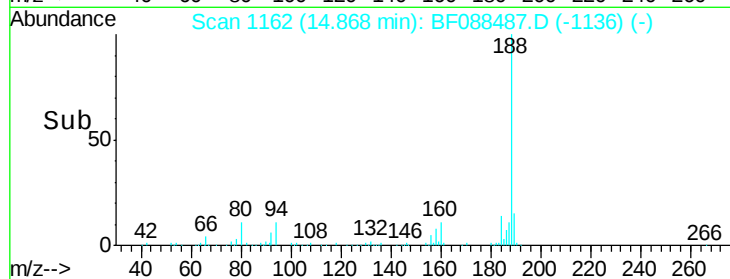
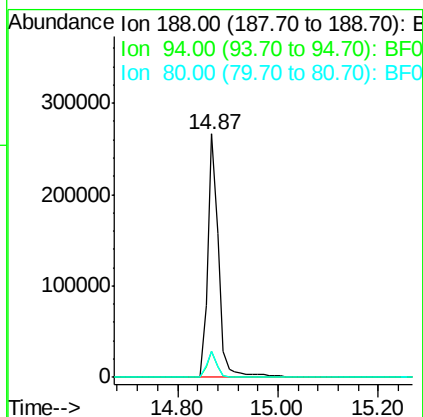
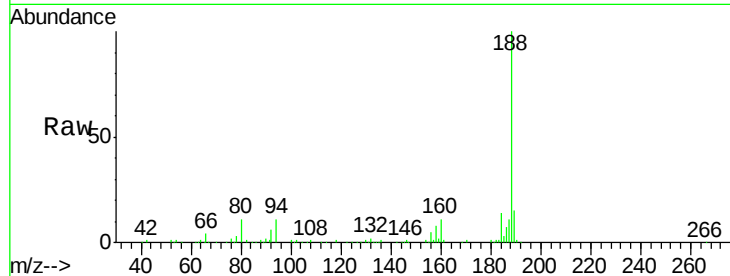




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

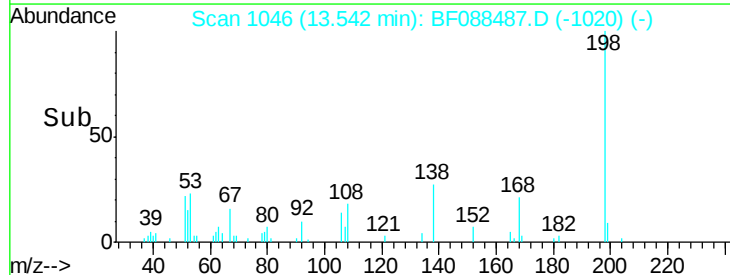
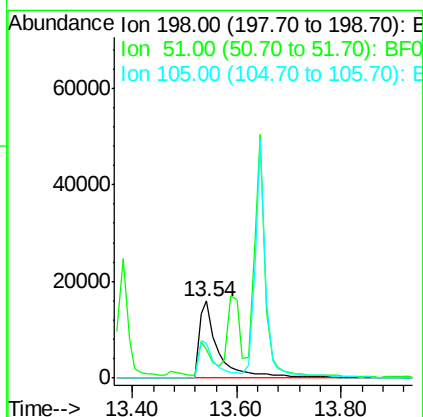
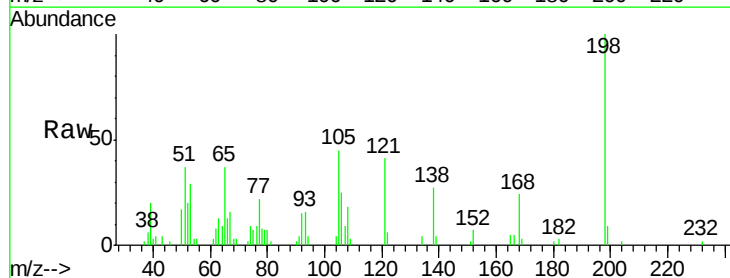
Instrument :
BNA_F
ClientSampleId :

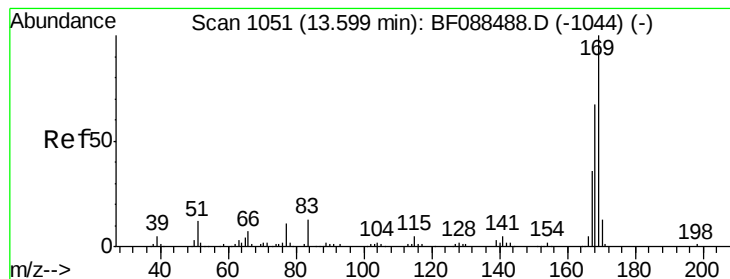
Tot Ion:188 Resp: 395147
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.6
80 10.8 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 19.33 ng
RT: 13.54 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Tgt Ion:198 Resp: 41088
Ion Ratio Lower Upper
198 100
51 37.0 39.6 79.6#
105 44.9 36.6 76.6

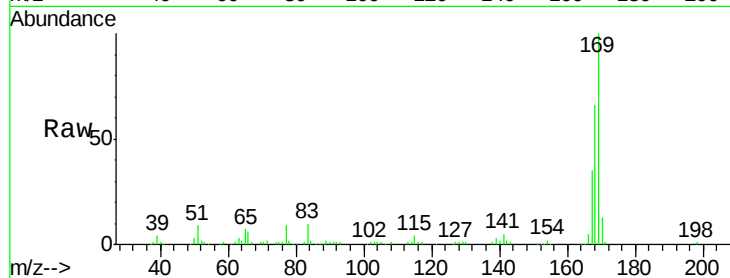




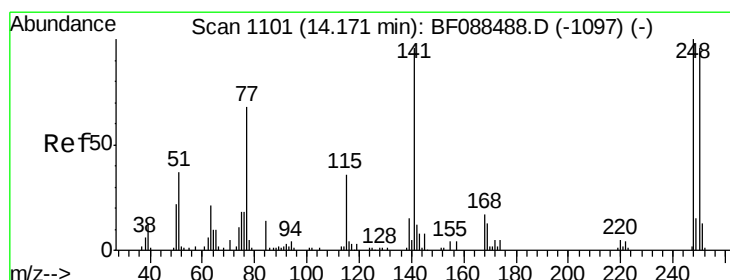
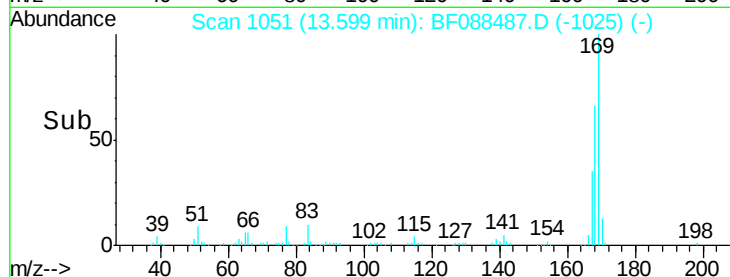
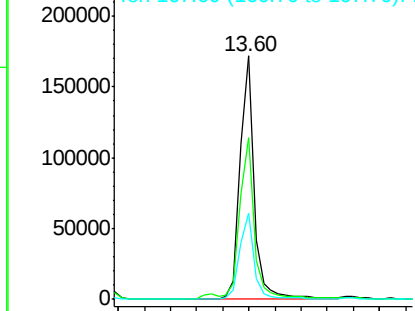
#65
 n-Nitrosodiphenylamine
 Concen: 19.73 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 258743
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.4 80.0
 167 35.2 29.4 44.0

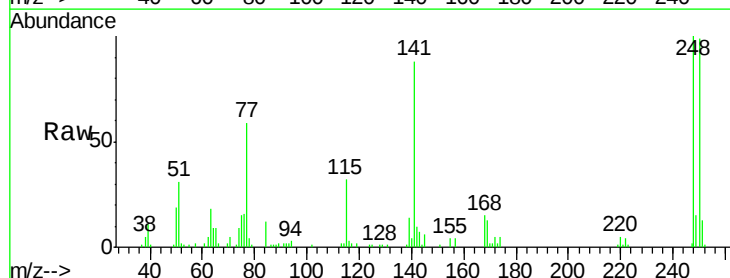


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

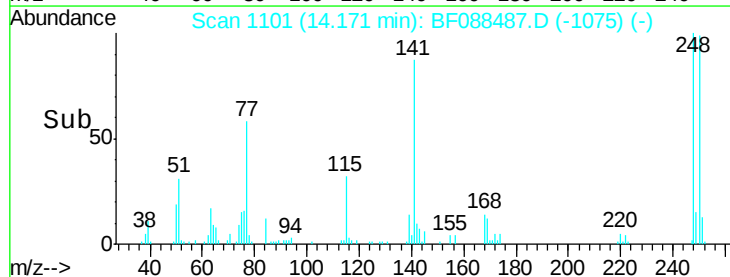
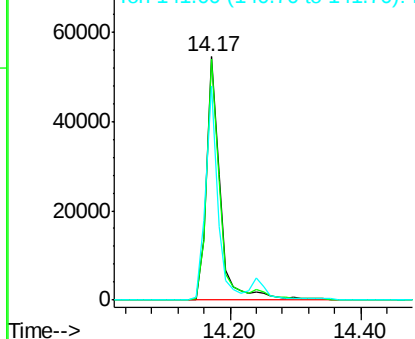


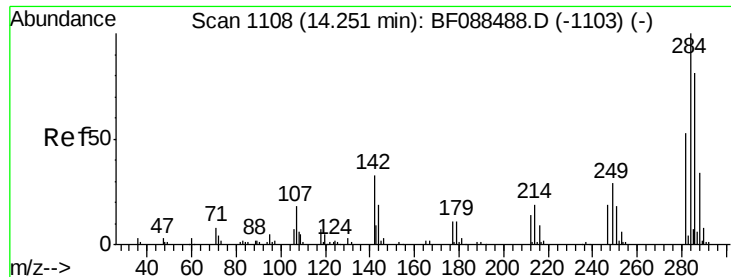
#66
 4-Bromophenyl-phenylether
 Concen: 18.95 ng
 RT: 14.17 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion:248 Resp: 80341
 Ion Ratio Lower Upper
 248 100
 250 99.3 77.1 115.7
 141 88.1 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

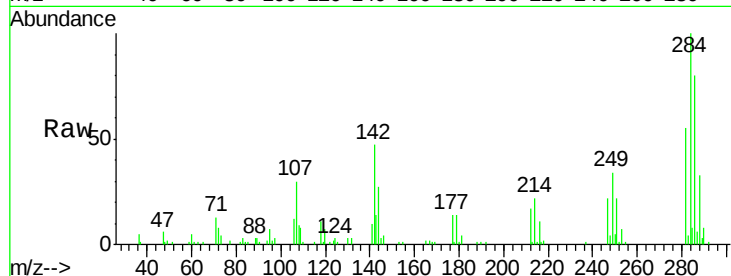




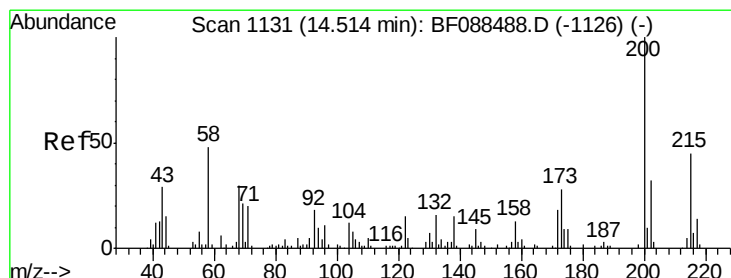
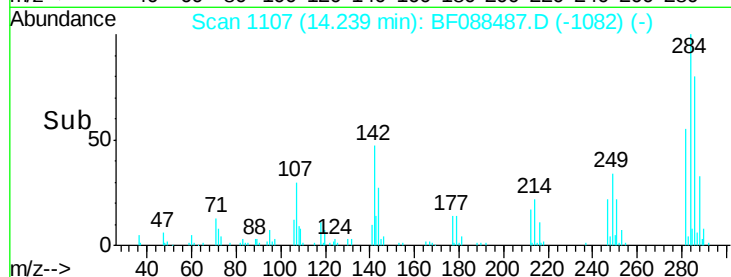
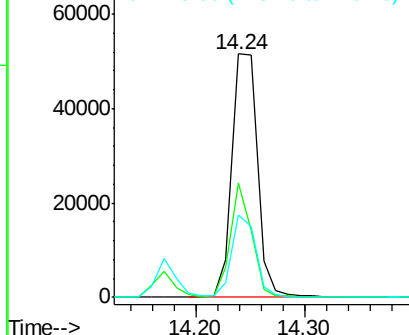
#67
Hexachlorobenzene
Concen: 18.95 ng
RT: 14.24 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 83483
Ion Ratio Lower Upper
284 100
142 47.0 35.8 53.8
249 34.0 25.8 38.6

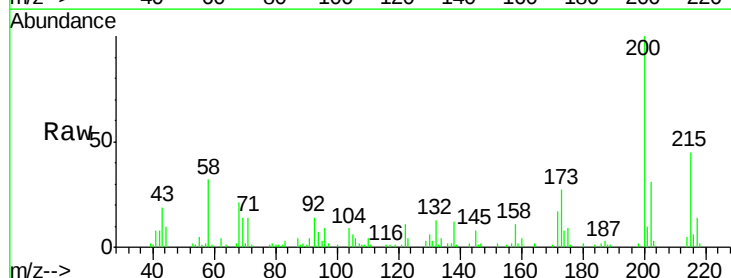


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

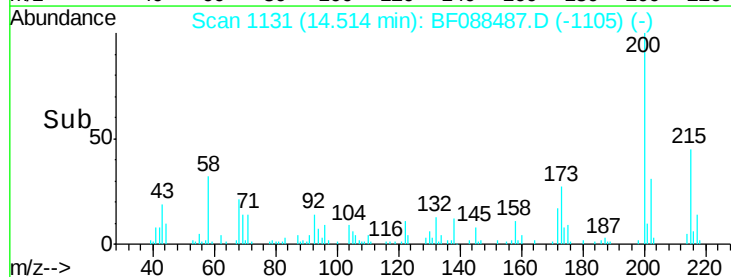
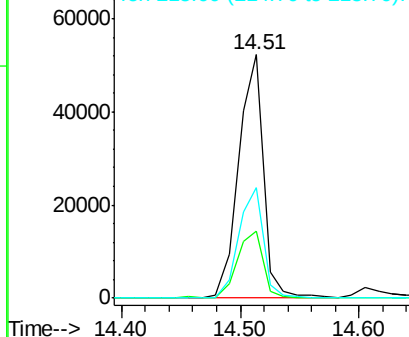


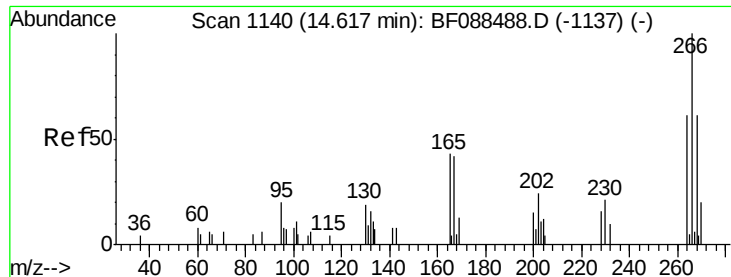
#68
Atrazine
Concen: 19.22 ng
RT: 14.51 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Tgt Ion:200 Resp: 76321
Ion Ratio Lower Upper
200 100
173 27.3 4.0 44.0
215 45.3 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

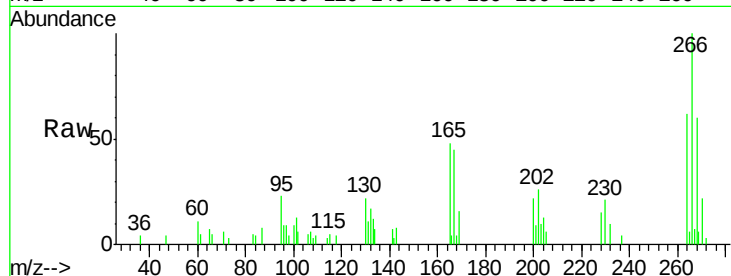




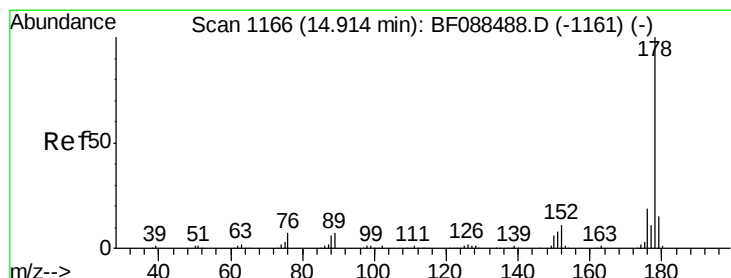
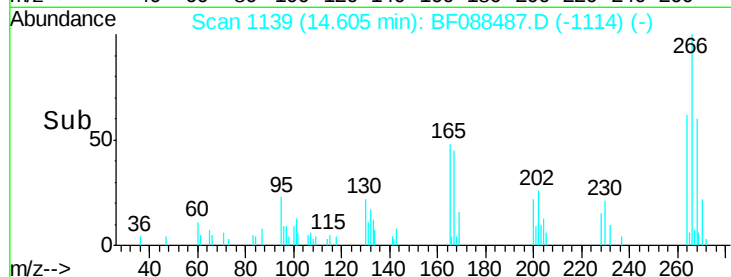
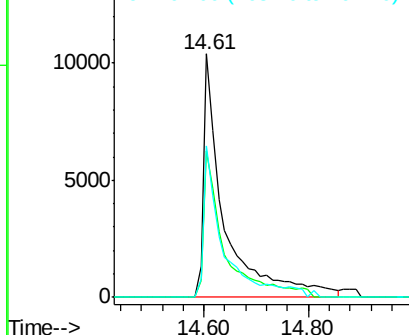
#69
 Pentachlorophenol
 Concen: 12.43 ng
 RT: 14.61 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 28871
 Ion Ratio Lower Upper
 266 100
 268 60.3 52.8 79.2
 264 62.4 49.6 74.4

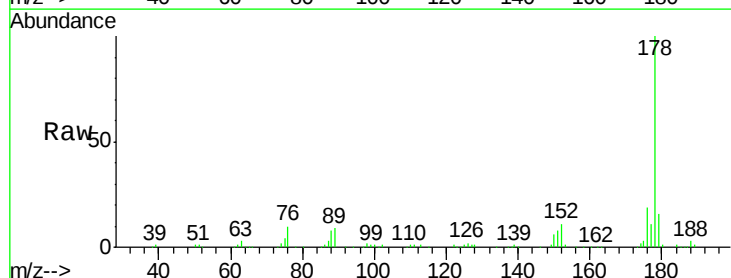


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

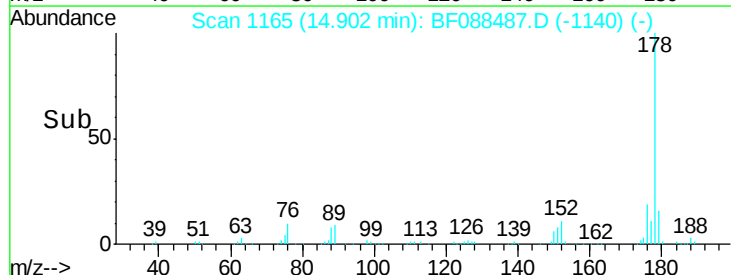
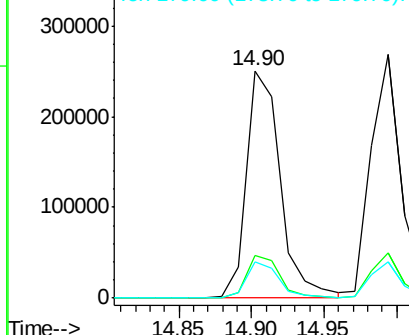


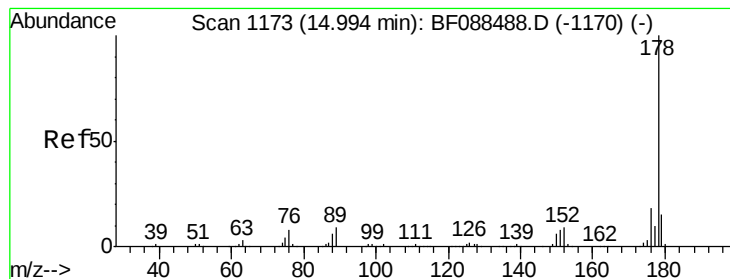
#70
 Phenanthrene
 Concen: 19.64 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion:178 Resp: 407253
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.6
 179 15.7 13.0 19.4



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





#71

Anthracene

Concen: 21.05 ng

RT: 14.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

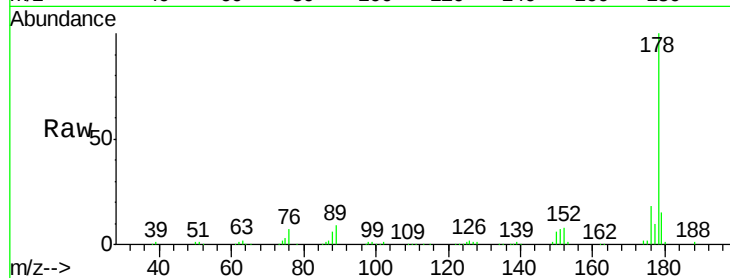
Tot Ion:178 Resp: 440373

Ion Ratio Lower Upper

178 100

176 18.3 15.6 23.4

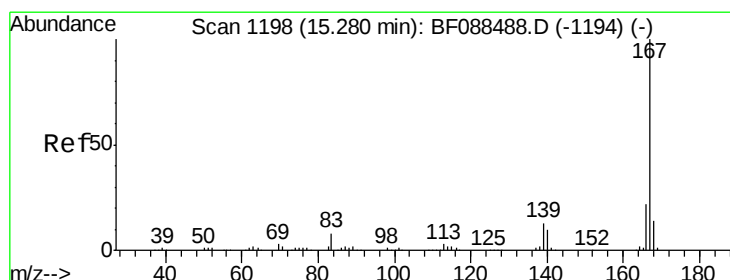
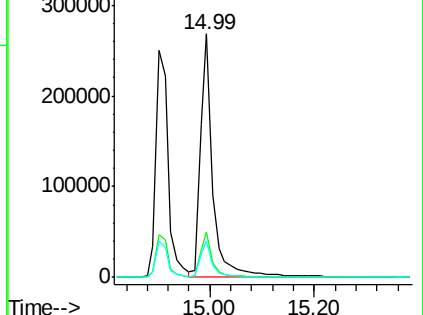
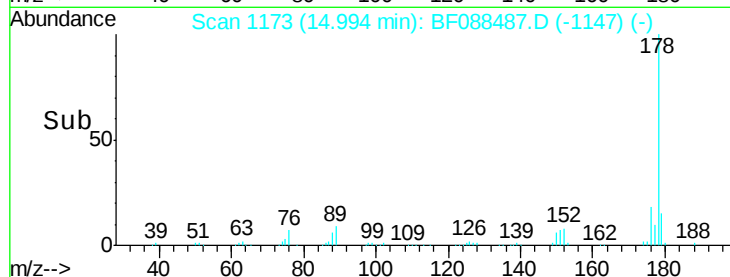
179 15.1 12.8 19.2



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: 20.38 ng

RT: 15.28 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

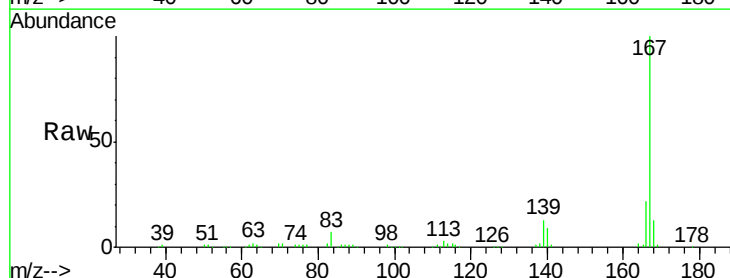
Tgt Ion:167 Resp: 398882

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.6

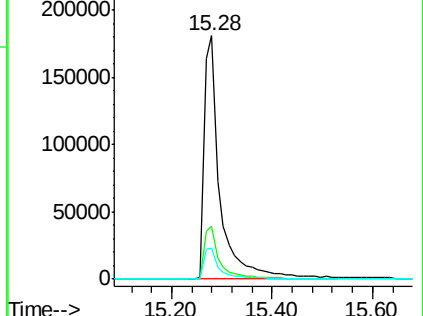
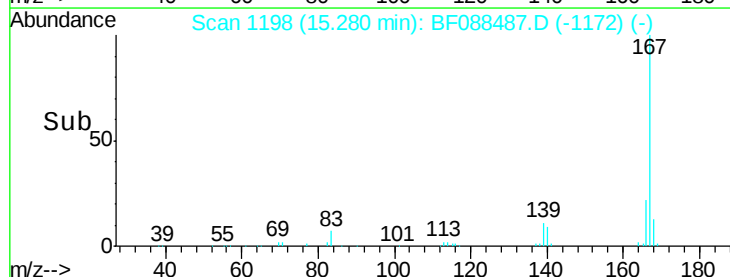
139 12.6 11.2 16.8

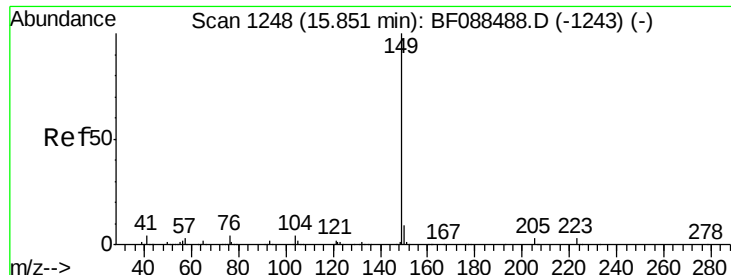


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 19.81 ng

RT: 15.84 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

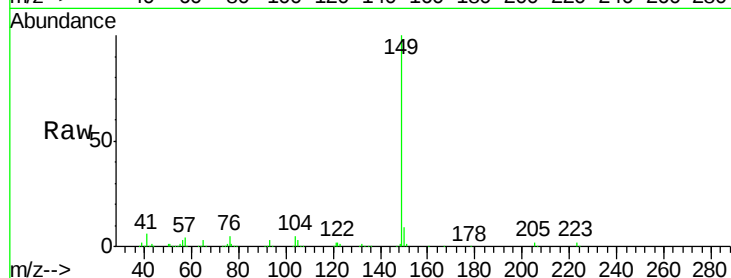
Tot Ion:149 Resp: 490885

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

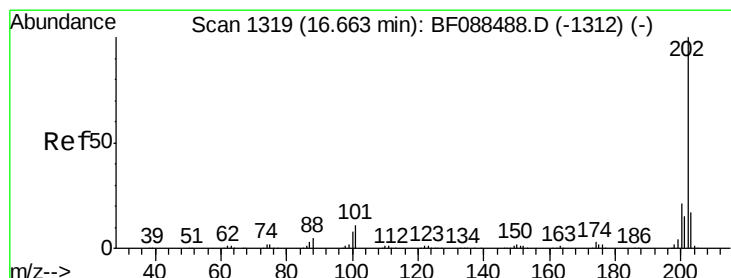
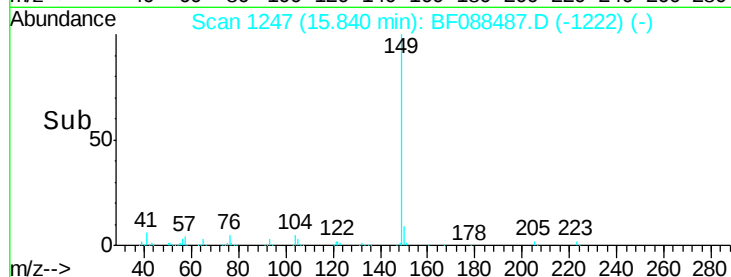
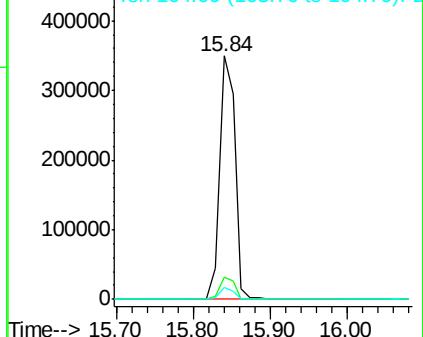
104 4.7 4.0 6.0



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: 19.42 ng

RT: 16.66 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

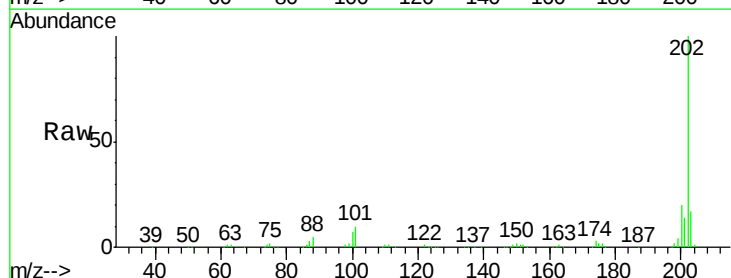
Tgt Ion:202 Resp: 424984

Ion Ratio Lower Upper

202 100

101 9.9 0.0 33.1

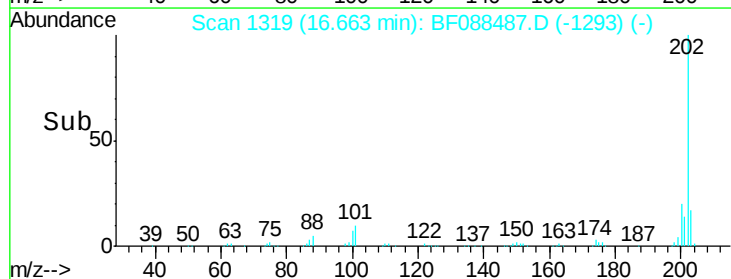
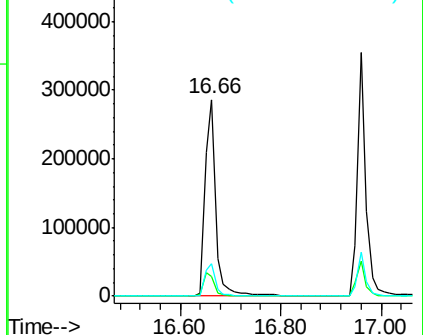
203 16.6 0.0 38.1

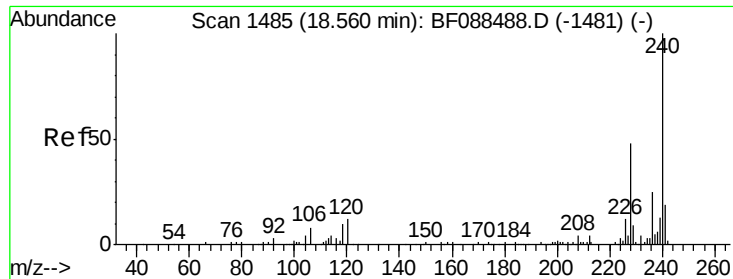


Abundance Ion 202.00 (201.70 to 202.70): E

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: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

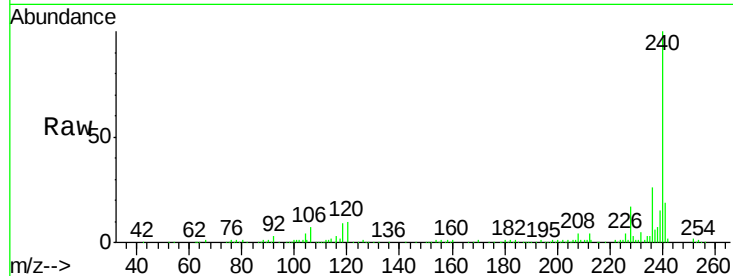
Tot Ion:240 Resp: 317395

Ion Ratio Lower Upper

240 100

120 10.4 6.8 10.2#

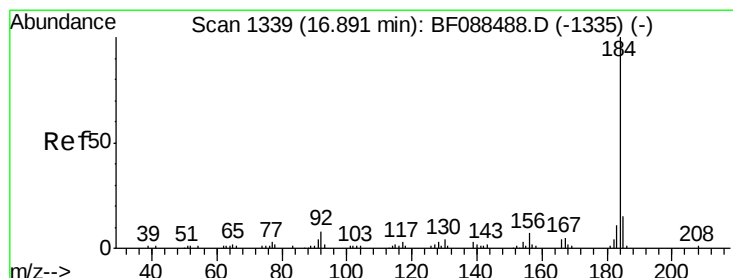
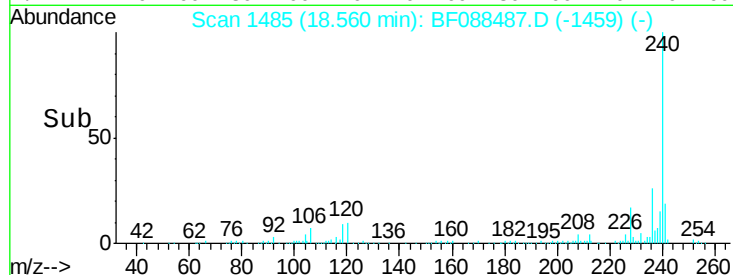
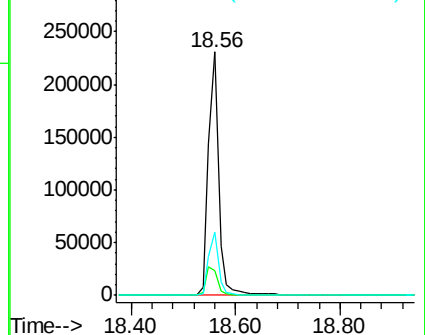
236 25.8 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.09 ng

RT: 16.89 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

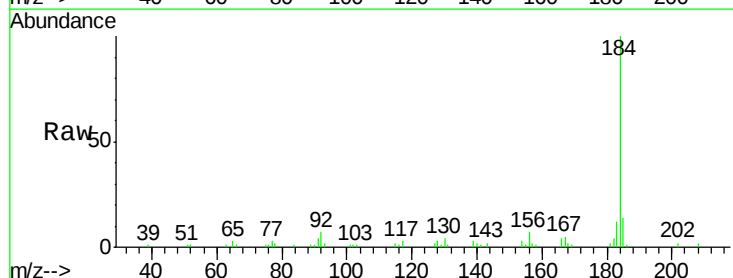
Tgt Ion:184 Resp: 123809

Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

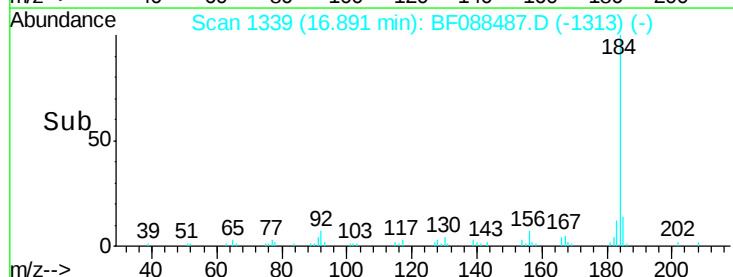
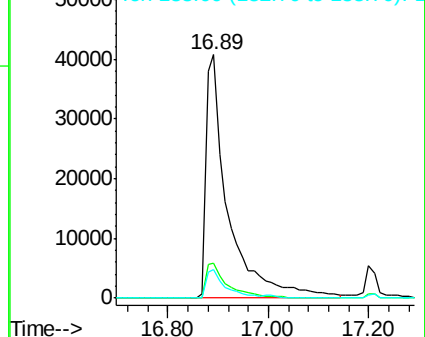
183 12.0 9.3 13.9

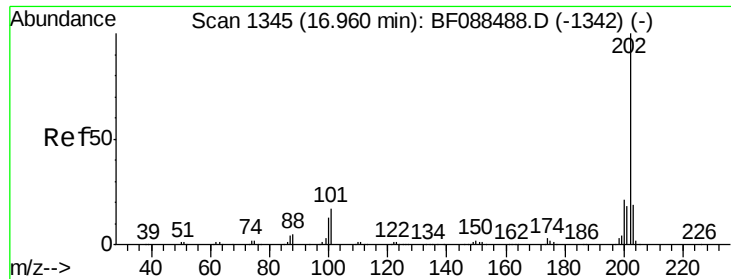


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

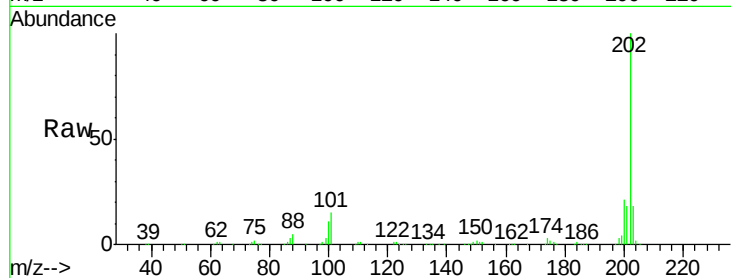




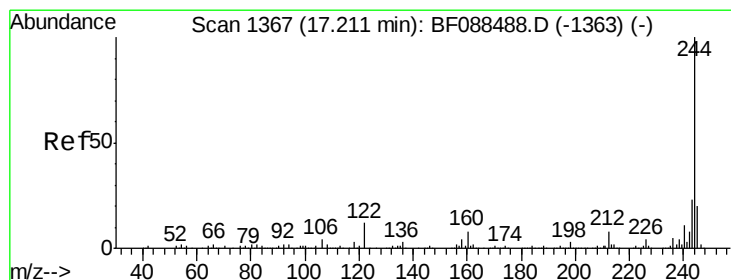
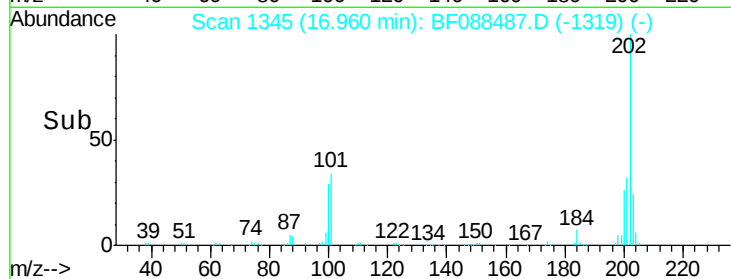
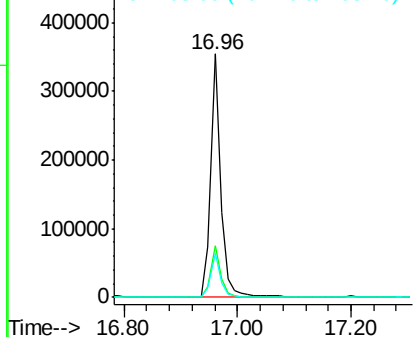
#77
Pvrene
Concen: 17.68 ng
RT: 16.96 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 416413
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 18.1 14.5 21.7

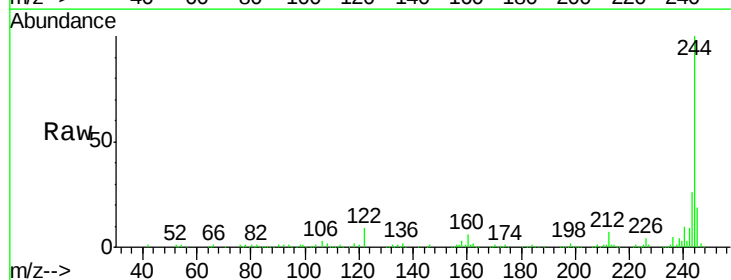


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

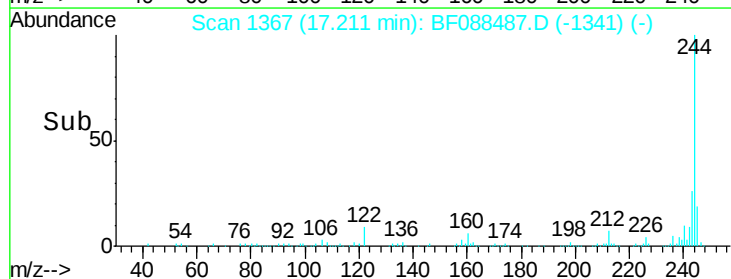
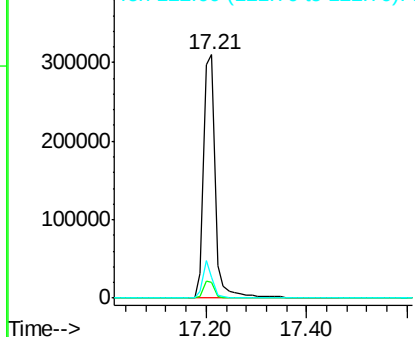


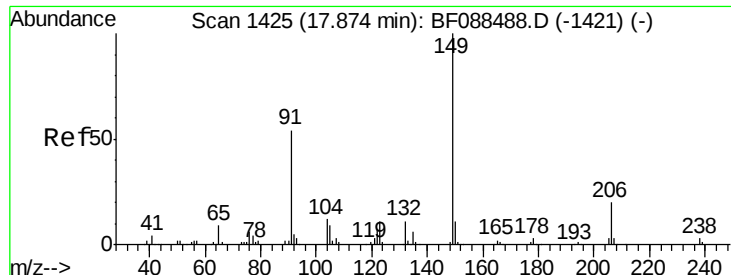
#78
Terphenyl-d14
Concen: 36.55 ng
RT: 17.21 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Tgt Ion:244 Resp: 509844
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.8 11.2 16.8#



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

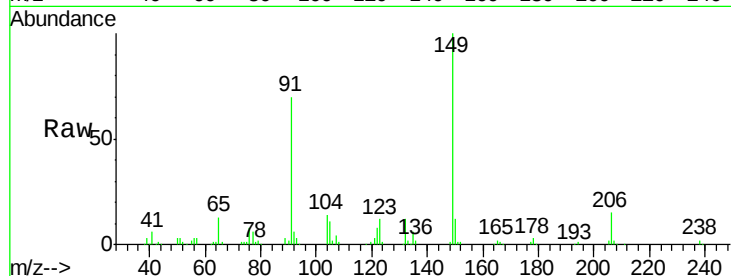




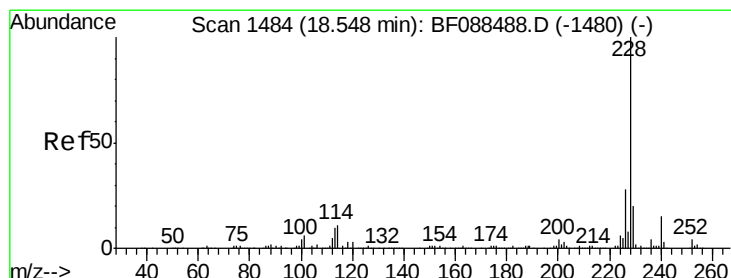
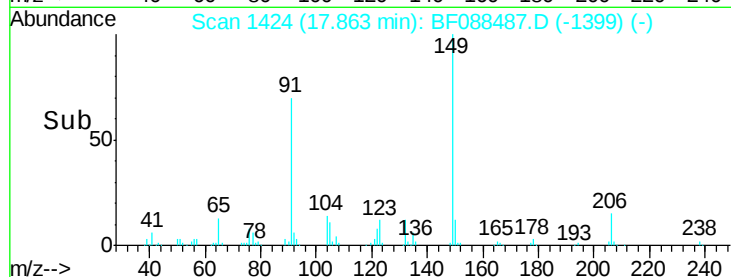
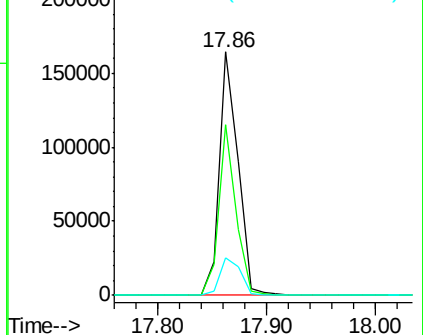
#79
Butylbenzylphthalate
Concen: 18.85 ng
RT: 17.86 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 196315
Ion Ratio Lower Upper
149 100
91 70.3 48.0 72.0
206 15.4 16.0 24.0#

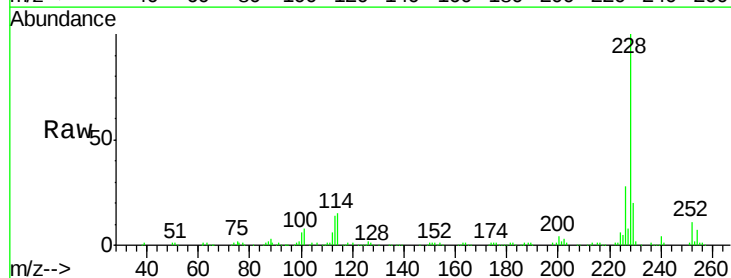


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

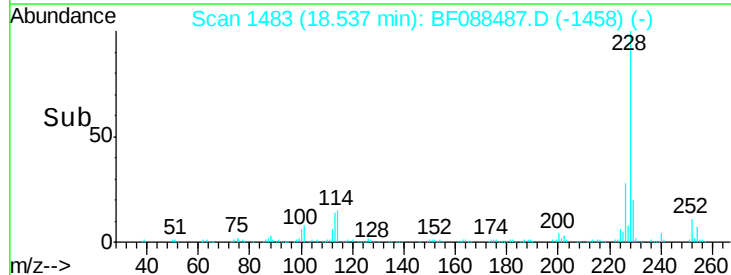
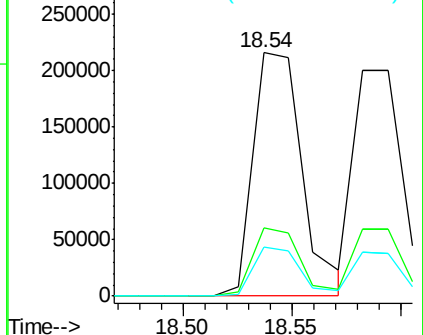


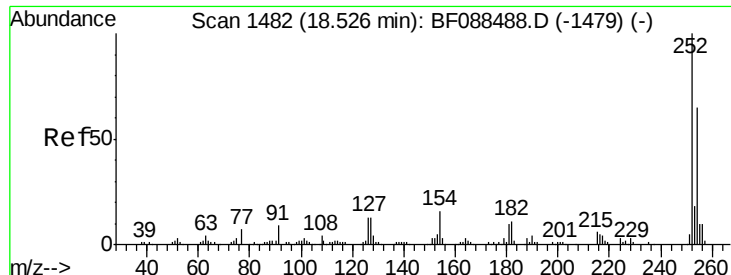
#80
Benzo(a)anthracene
Concen: 18.87 ng
RT: 18.54 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Tgt Ion:228 Resp: 341391
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 19.9 16.0 24.0



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

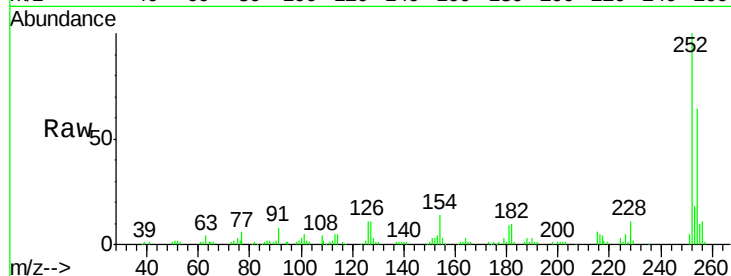




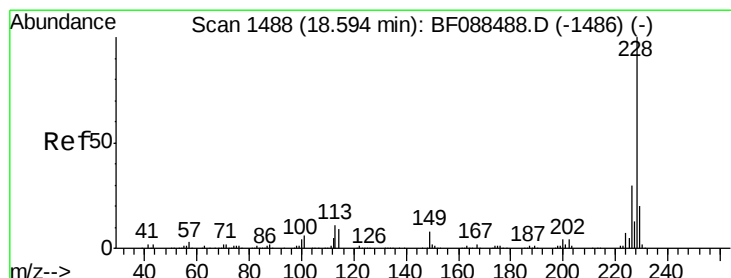
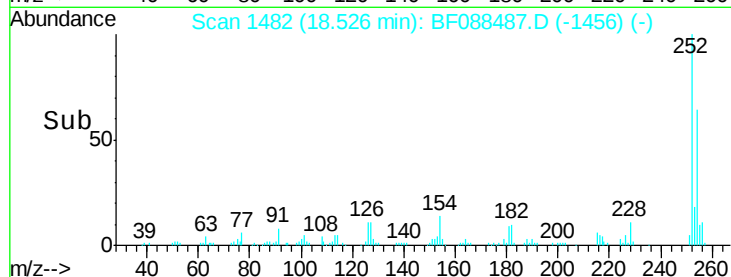
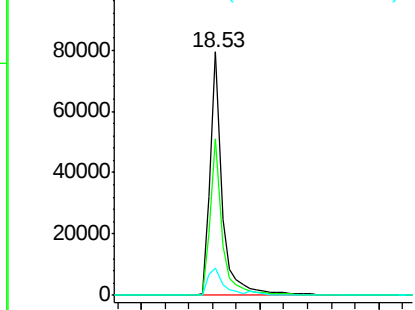
#81
 3,3'-Dichlorobenzidine
 Concen: 23.33 ng
 RT: 18.53 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 113498
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.6 78.8
 126 11.3 6.2 9.2#

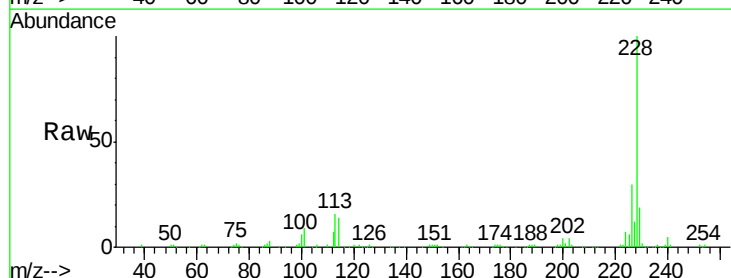


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

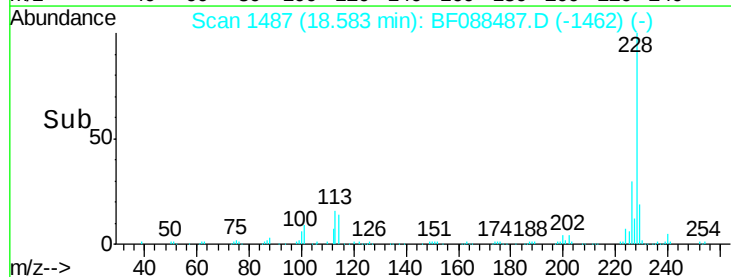
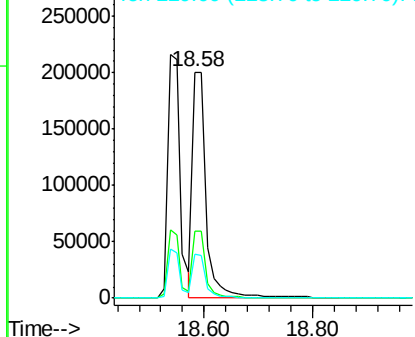


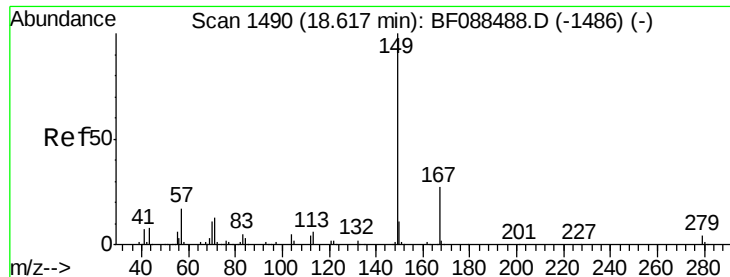
#82
 Chrysene
 Concen: 20.26 ng
 RT: 18.58 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Tgt Ion:228 Resp: 344746
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.4 38.2
 229 19.3 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 21.40 ng

RT: 18.61 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

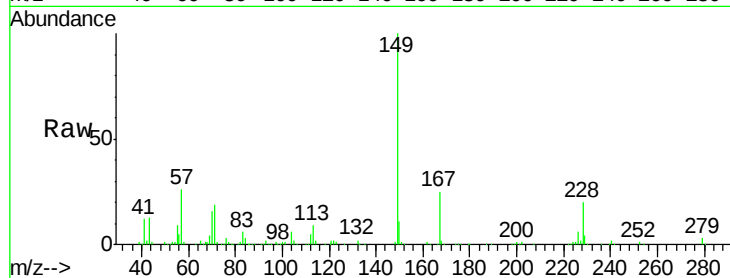
Tot Ion:149 Resp: 271286

Ion Ratio Lower Upper

149 100

167 24.9 20.5 30.7

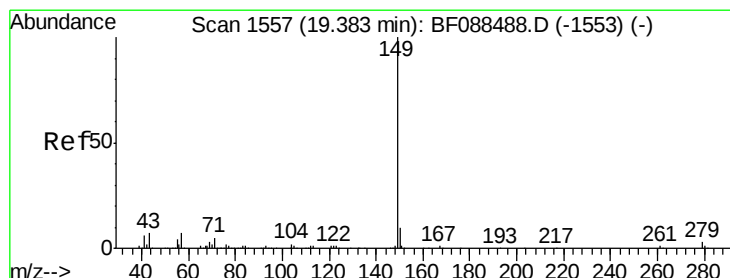
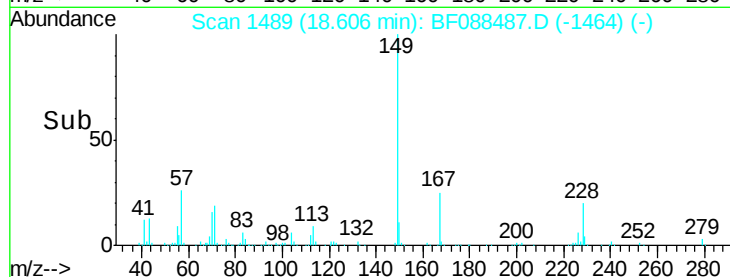
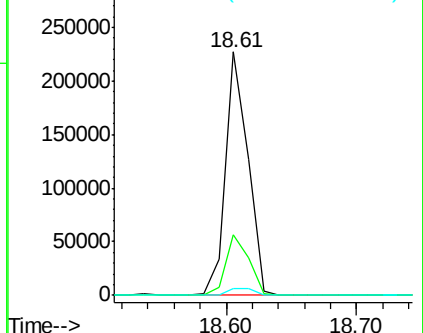
279 2.5 2.0 3.0



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: 21.91 ng

RT: 19.38 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

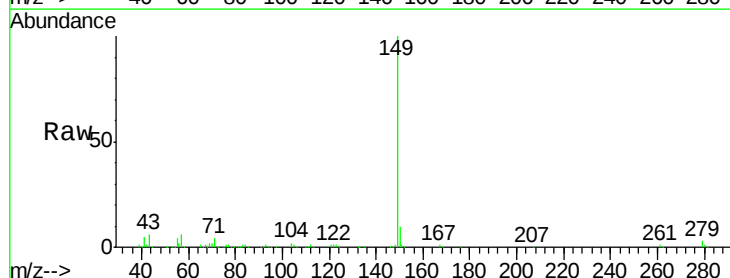
Tgt Ion:149 Resp: 451382

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

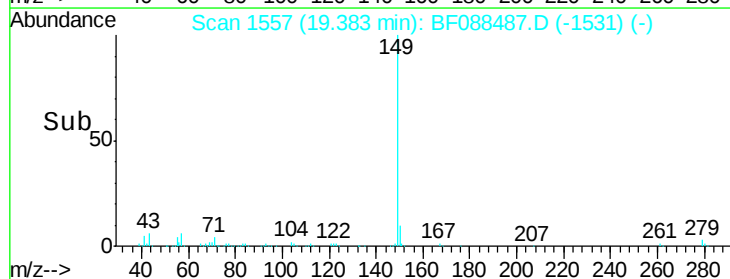
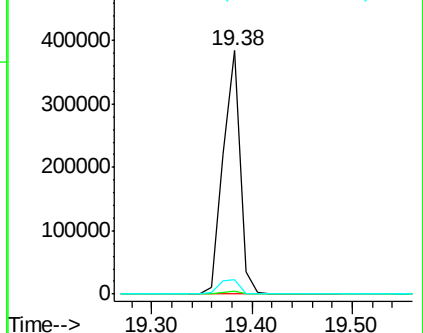
43 7.3 0.0 0.0#

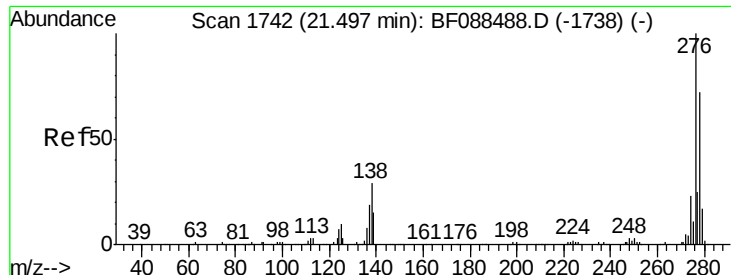


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

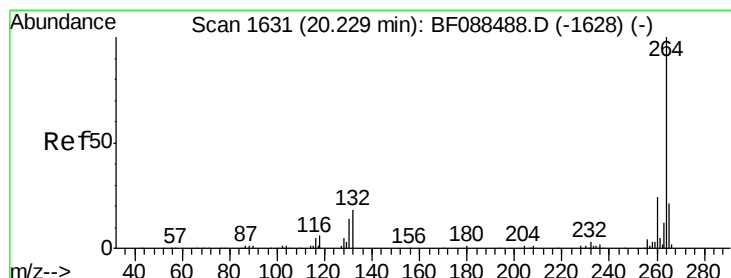
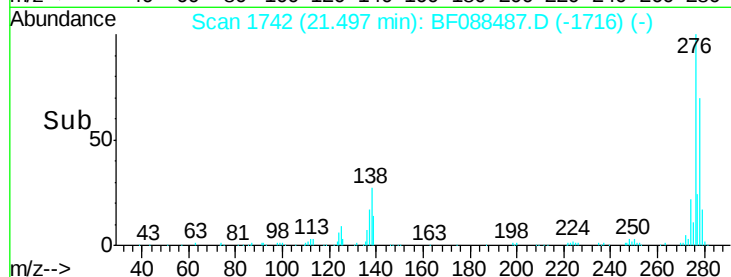
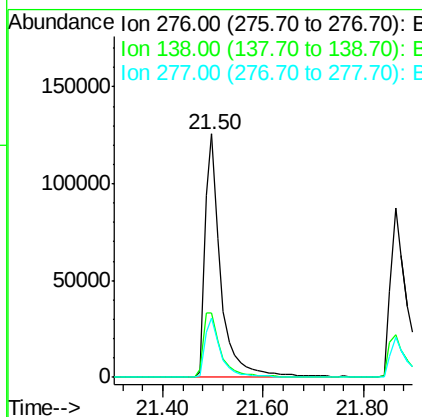
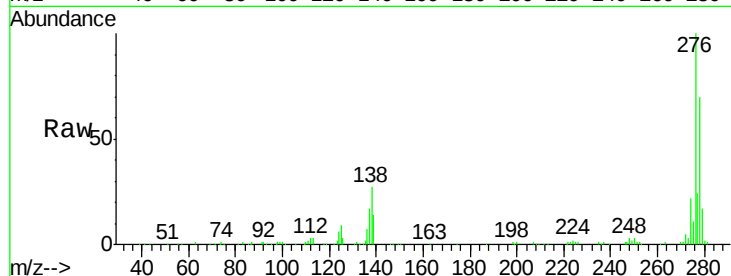




#85
Indeno(1,2,3-cd)pyrene
Concen: 17.16 ng
RT: 21.50 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

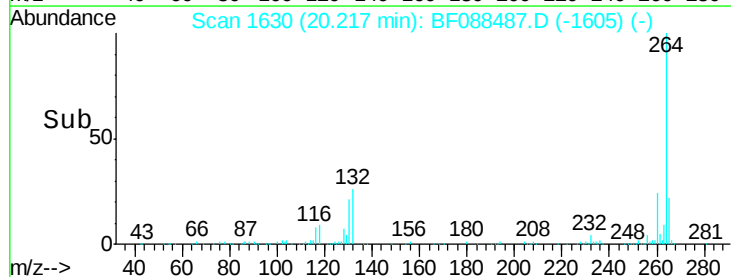
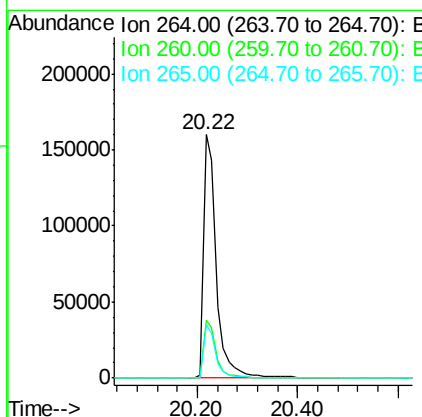
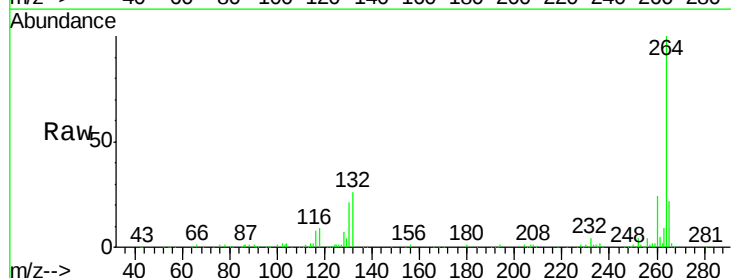
Instrument :
BNA_F
ClientSampleId :

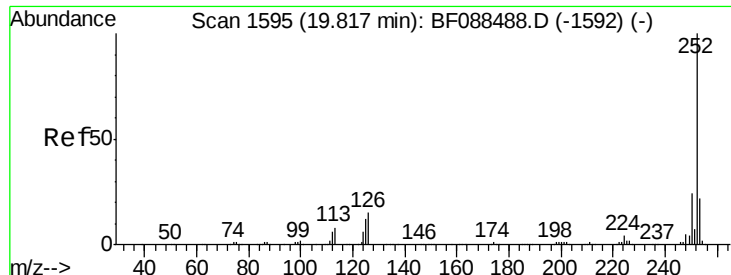
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	0.0	0.0#
277	24.8	0.0	0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.22 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 31.43 ng

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

Instrument :

BNA_F

ClientSampleId :

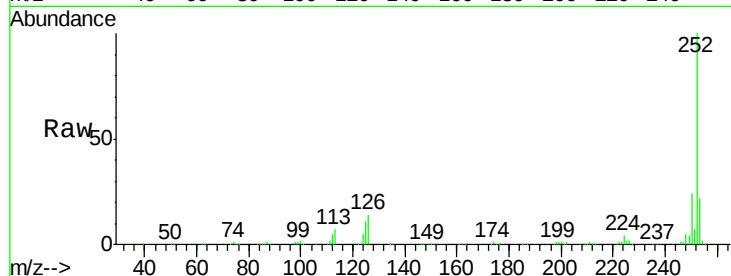
Tot Ion:252 Resp: 616141

Ion Ratio Lower Upper

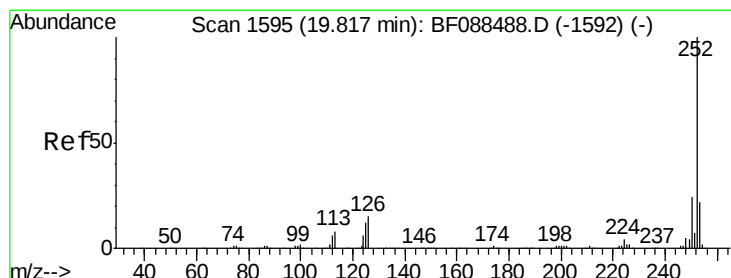
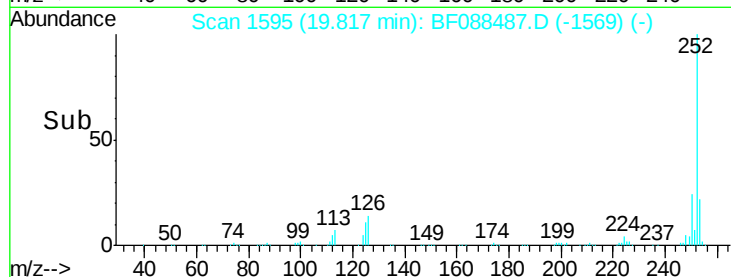
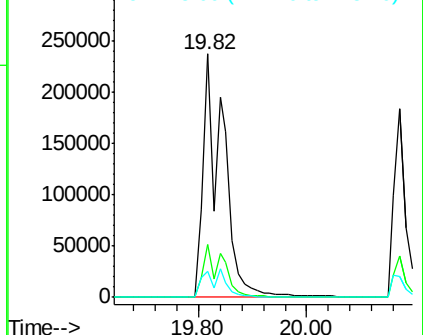
252 100

253 21.6 17.4 26.2

125 10.5 7.1 10.7



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



#88

Benzo(k)fluoranthene

Concen: 41.77 ng

RT: 19.82 min Scan# 1595

Delta R.T. -0.03 min

Lab File: BF088487.D

Acq: 28 Jun 2016 14:19

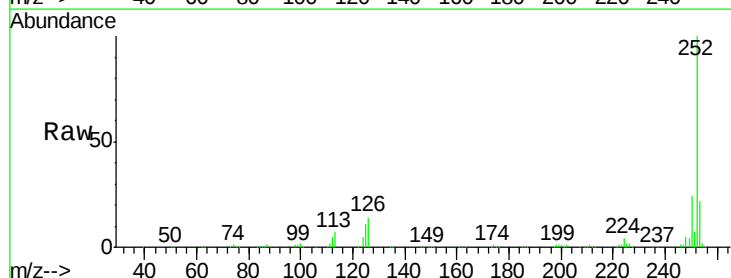
Tgt Ion:252 Resp: 617659

Ion Ratio Lower Upper

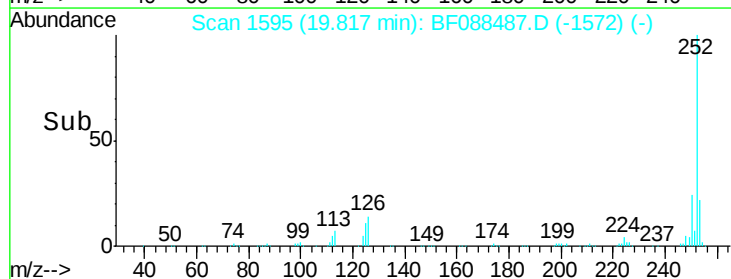
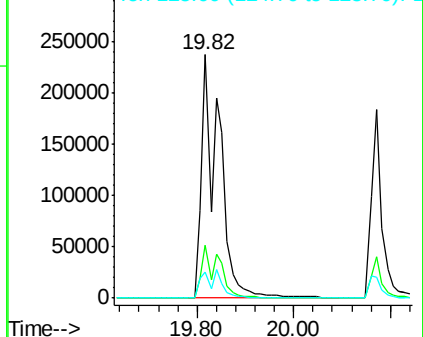
252 100

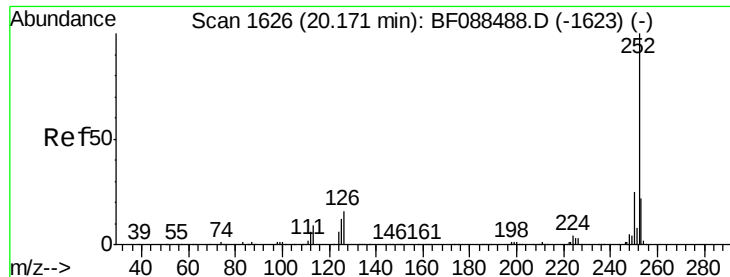
253 21.6 18.0 27.0

125 10.5 11.2 16.8#



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

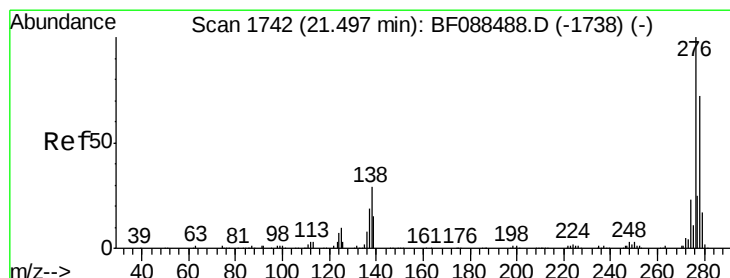
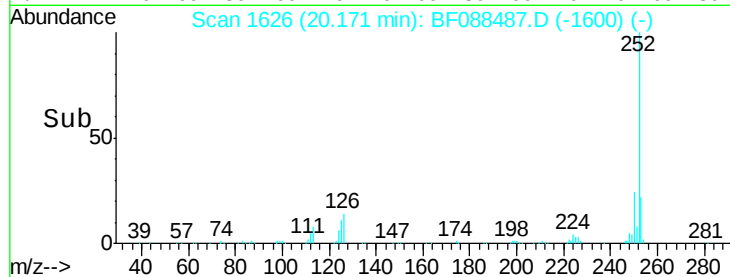
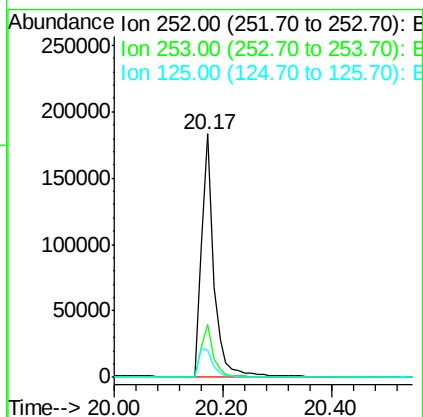
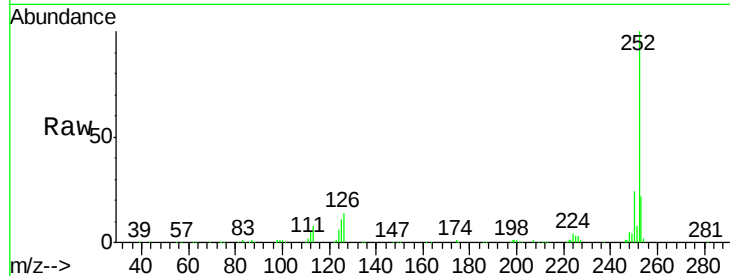




#89
Benzo(a)pyrene
Concen: 17.81 ng
RT: 20.17 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

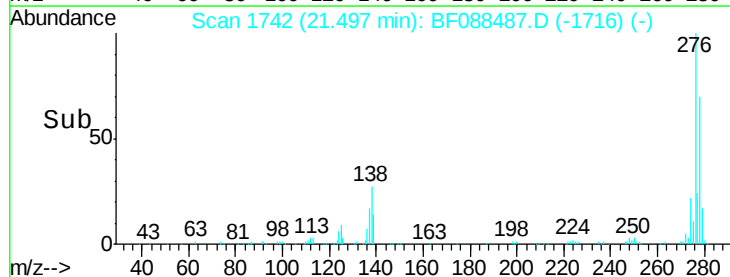
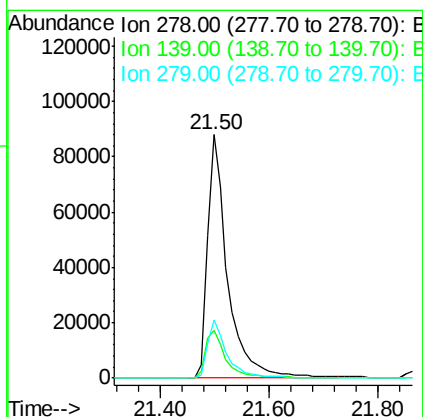
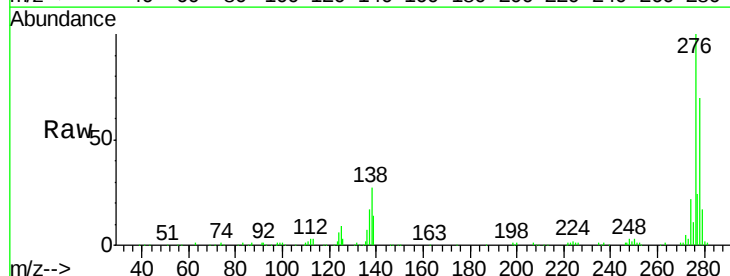
Instrument :
BNA_F
ClientSampleId :

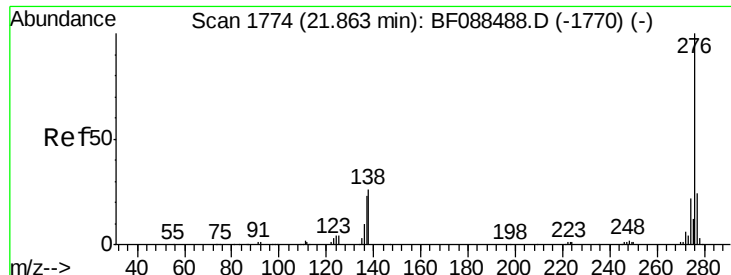
Tot Ion:252 Resp: 282362
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.1 12.5 18.7#



#90
Dibenzo(a,h)anthracene
Concen: 15.40 ng
RT: 21.50 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BF088487.D
Acq: 28 Jun 2016 14:19

Tgt Ion:278 Resp: 226775
Ion Ratio Lower Upper
278 100
139 19.5 15.7 23.5
279 23.7 19.4 29.2





#91
 Benzo(a,h,i)perylene
 Concen: 14.29 ng
 RT: 21.86 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BF088487.D
 Acq: 28 Jun 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	24.8	21.4	32.2

