

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062816\
 Data File : BF088488.D
 Acq On : 28 Jun 2016 15:51
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 28 16:41:09 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	7.61	152	78504	20.00	ng	0.00
21) Naphthalene-d8	9.63	136	319252	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	144518	20.00	ng	0.00
63) Phenanthrene-d10	14.87	188	259392	20.00	ng	0.00
75) Chrysene-d12	18.56	240	205695	20.00	ng	0.00
86) Perylene-d12	20.23	264	169525	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	364274	79.33	ng	0.00
7) Phenol-d6	7.14	99	436034	78.35	ng	0.00
23) Nitrobenzene-d5	8.52	82	411945	75.35	ng	0.00
41) 2,4,6-Tribromophenol	13.77	330	110304	72.29	ng	0.00
44) 2-Fluorobiphenyl	11.42	172	830324	76.51	ng	0.00
78) Terphenyl-d14	17.21	244	701448	77.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.94	88	80037	35.87	ng	# 41
3) Pyridine	2.55	79	200640	38.08	ng	91
4) n-Nitrosodimethylamine	2.52	42	64132	28.74	ng	80
6) Aniline	7.10	93	301289	38.04	ng	100
8) 2-Chlorophenol	7.28	128	228087	41.96	ng	92
9) Benzaldehyde	6.92	77	75505	20.85	ng	99
10) Phenol	7.16	94	253354	38.76	ng	96
11) bis(2-Chloroethyl)ether	7.24	93	201243	41.24	ng	86
12) 1,3-Dichlorobenzene	7.63	146	240578	41.25	ng	96
13) 1,4-Dichlorobenzene	7.63	146	241901	41.18	ng	98
14) 1,2-Dichlorobenzene	7.63	146	243100	45.50	ng	97
15) Benzyl Alcohol	7.88	79	163435	37.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	221242	33.56	ng	# 1
17) 2-Methylphenol	8.10	107	165352	37.51	ng	# 90
18) Hexachloroethane	8.38	117	86494	41.49	ng	90
19) n-Nitroso-di-n-propylamine	8.32	70	147141	41.33	ng	# 85
20) 3+4-Methylphenols	8.36	107	217237	42.24	ng	# 77
22) Acetophenone	8.30	105	302928	42.46	ng	# 95
24) Nitrobenzene	8.55	77	212905	40.20	ng	95
25) Isophorone	8.95	82	399103	39.41	ng	97
26) 2-Nitrophenol	9.05	139	111412	39.27	ng	# 88
27) 2,4-Dimethylphenol	9.19	122	197639	37.84	ng	96
28) bis(2-Chloroethoxy)methane	9.32	93	254464	40.51	ng	98
29) 2,4-Dichlorophenol	9.46	162	182522	41.85	ng	95
30) 1,2,4-Trichlorobenzene	9.56	180	193400	40.73	ng	98
31) Naphthalene	9.67	128	652106	41.28	ng	98
32) Benzoic acid	9.50	122	60456	21.02	ng	95
33) 4-Chloroaniline	9.80	127	269983	38.27	ng	95
34) Hexachlorobutadiene	9.88	225	105999	42.33	ng	97
35) Caprolactam	10.44	113	51666	35.77	ng	# 79
36) 4-Chloro-3-methylphenol	10.66	107	186123	39.91	ng	98
37) 2-Methylnaphthalene	10.80	142	421044	40.43	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.07	216	180294	42.80	ng	# 1
40) Hexachlorocyclopentadiene	11.05	237	24265	10.41	ng	95

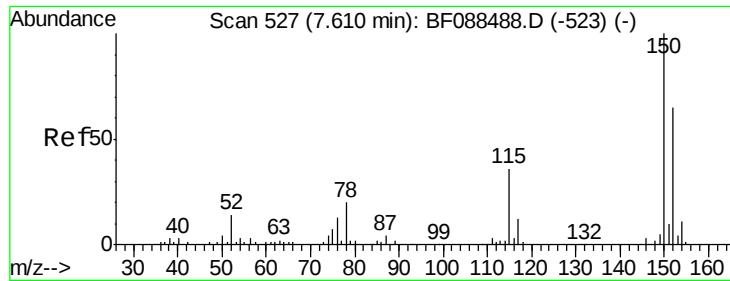
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.29	196	105889	36.64	nq	97
43) 2,4,5-Trichlorophenol	11.37	196	109893	36.55	nq	# 94
45) 1,1'-Biphenyl	11.56	154	497132	42.66	nq	98
46) 2-Chloronaphthalene	11.59	162	393922	42.12	nq	94
47) 2-Nitroaniline	11.79	65	106466	38.59	nq	# 76
48) Acenaphthylene	12.24	152	636431	42.78	nq	99
49) Dimethylphthalate	12.12	163	464502	44.37	nq	99
50) 2,6-Dinitrotoluene	12.20	165	101769	42.45	nq	# 69
51) Acenaphthene	12.52	154	370453	39.92	nq	98
52) 3-Nitroaniline	12.48	138	113010	40.85	nq	86
53) 2,4-Dinitrophenol	12.71	184	44493	50.43	nq	93
54) Dibenzofuran	12.81	168	555136	43.44	nq	93
55) 4-Nitrophenol	12.88	139	45052	20.98	nq	# 77
56) 2,4-Dinitrotoluene	12.87	165	134670	43.71	nq	# 70
57) Fluorene	13.36	166	445401	44.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.04	232	95819	40.55	nq	# 56
59) Diethylphthalate	13.27	149	471069	44.45	nq	99
60) 4-Chlorophenyl-phenylether	13.39	204	197120	46.38	nq	94
61) 4-Nitroaniline	13.49	138	106421	40.56	nq	97
62) Azobenzene	13.65	77	435420	41.55	nq	97
64) 4,6-Dinitro-2-methylphenol	13.54	198	61443	44.04	nq	# 78
65) n-Nitrosodiphenylamine	13.60	169	376033	43.69	nq	99
66) 4-Bromophenyl-phenylether	14.17	248	119291	42.87	nq	# 83
67) Hexachlorobenzene	14.25	284	122651	42.42	nq	# 89
68) Atrazine	14.51	200	109970	42.19	nq	92
69) Pentachlorophenol	14.62	266	27599	18.11	nq	97
70) Phenanthrene	14.91	178	598726	43.99	nq	98
71) Anthracene	14.99	178	636978	46.39	nq	98
72) Carbazole	15.28	167	587481	45.72	nq	98
73) Di-n-butylphthalate	15.85	149	712927	43.83	nq	98
74) Fluoranthene	16.66	202	610759	42.52	nq	97
76) Benzidine	16.89	184	206041	36.18	nq	99
77) Pyrene	16.96	202	588558	38.56	nq	99
79) Butylbenzylphthalate	17.87	149	291399	43.18	nq	94
80) Benzo(a)anthracene	18.55	228	480594	41.00	nq	99
81) 3,3'-Dichlorobenzidine	18.53	252	163791	51.96	nq	# 98
82) Chrysene	18.59	228	496499	45.02	nq	97
83) Bis(2-ethylhexyl)phthalate	18.62	149	405659	49.38	nq	# 97
84) Di-n-octyl phthalate	19.38	149	639512	47.91	nq	# 100
85) Indeno(1,2,3-cd)pyrene	21.50	276	385798	37.65	nq	# 100
87) Benzo(b)fluoranthene	19.82	252	871000	73.72	nq	# 97
88) Benzo(k)fluoranthene	19.82	252	872696	97.91	nq	98
89) Benzo(a)pyrene	20.17	252	395441	41.37	nq	# 96
90) Dibenzo(a,h)anthracene	21.50	278	325418	36.65	nq	98
91) Benzo(g,h,i)perylene	21.86	276	314152	34.40	nq	99

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

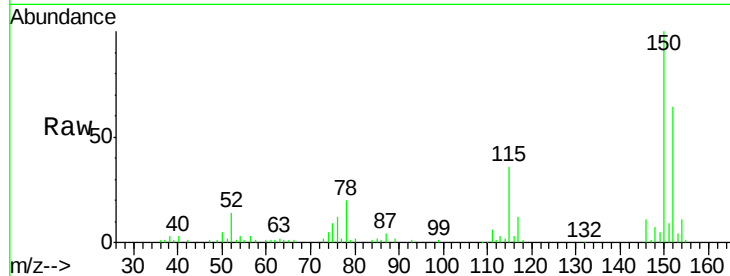


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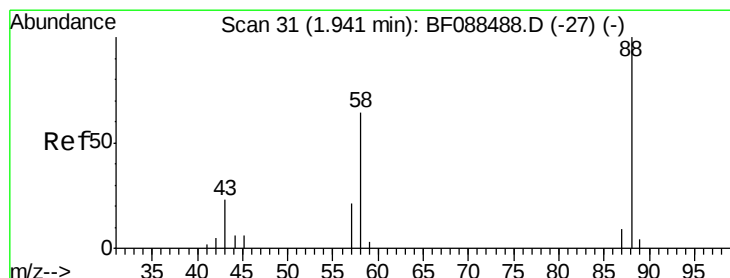
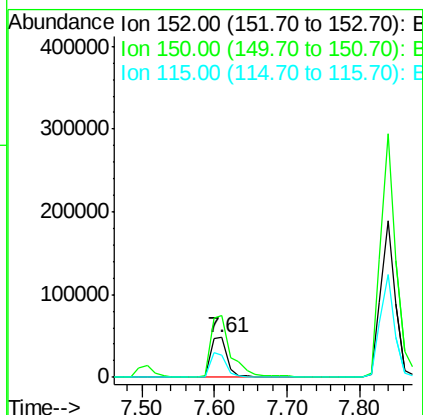
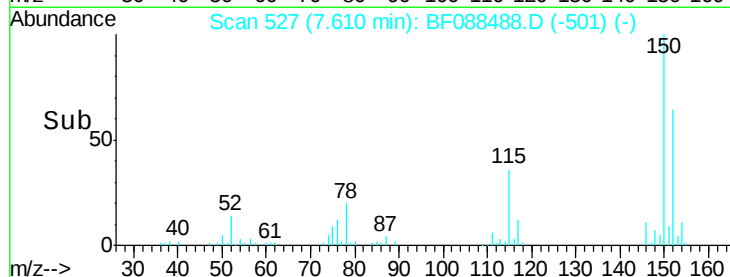
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78504
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 55.9 39.6 59.4



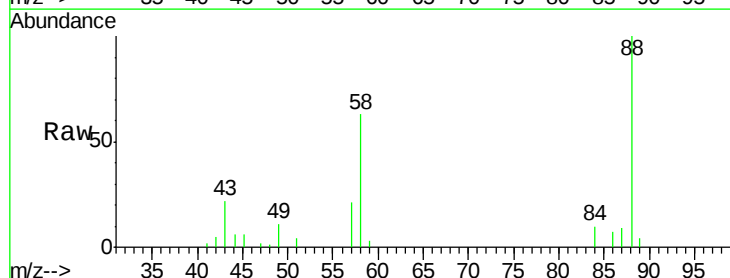
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



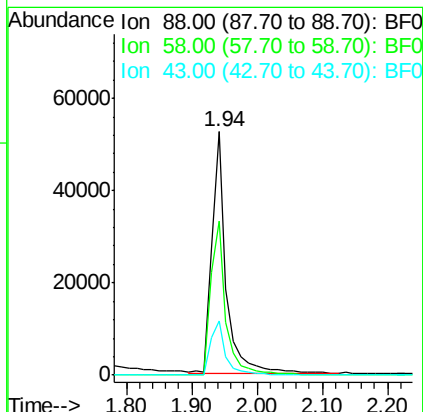
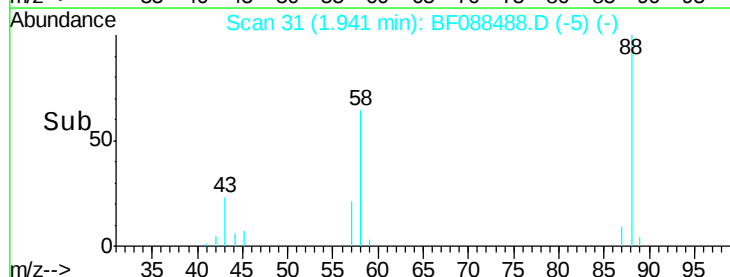
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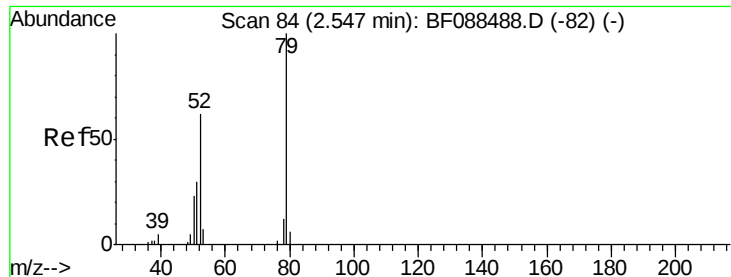
1,4-Dioxane
Concen: 35.87 ng
RT: 1.94 min Scan# 31
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion: 88 Resp: 80037
Ion Ratio Lower Upper
88 100
58 67.4 0.0 0.0#
43 23.8 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: 38.08 ng

RT: 2.55 min Scan# 84

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampleId :

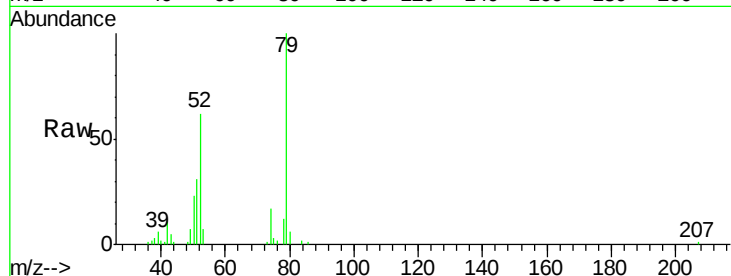
Tot Ion: 79 Resp: 200640

Ion Ratio Lower Upper

79 100

52 62.2 56.3 84.5

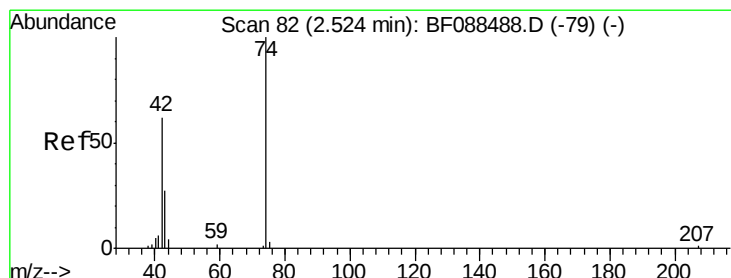
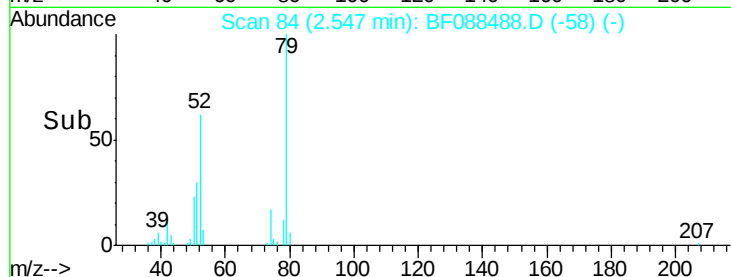
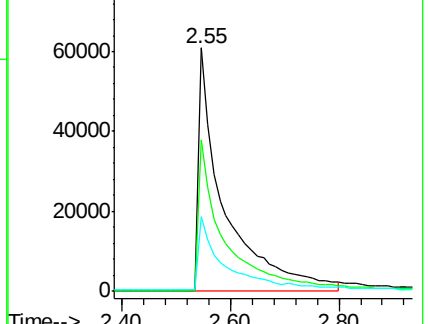
51 30.8 27.4 41.2



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: 28.74 ng

RT: 2.52 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

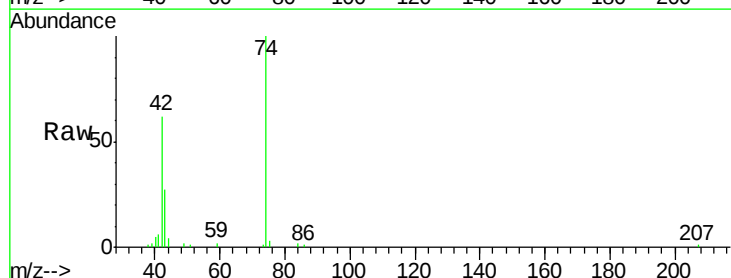
Tgt Ion: 42 Resp: 64132

Ion Ratio Lower Upper

42 100

74 160.3 108.6 163.0

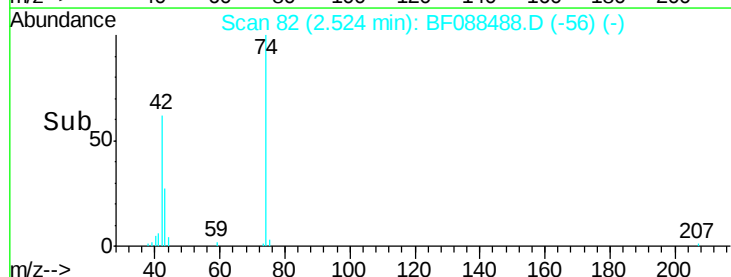
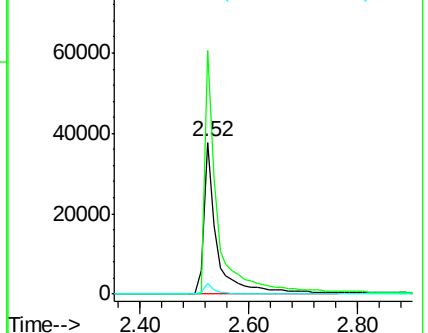
44 6.8 5.5 8.3

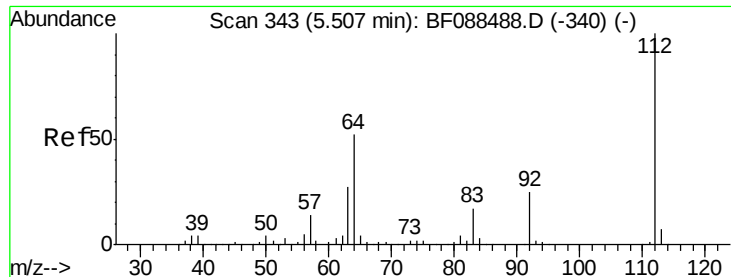


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.33 ng

RT: 5.51 min Scan# 343

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :
BNA_F
ClientSampleId :

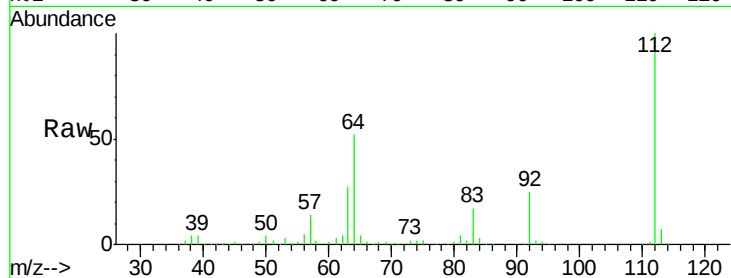
Tot Ion: 112 Resp: 364274

Ion Ratio Lower Upper

112 100

64 51.9 42.2 63.2

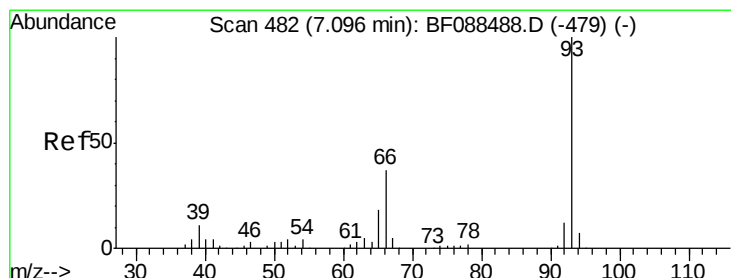
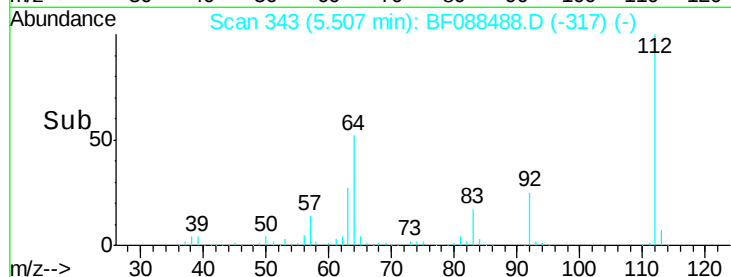
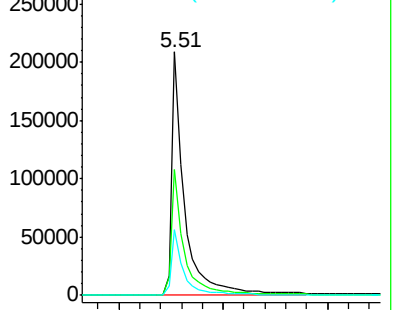
63 26.8 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.04 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

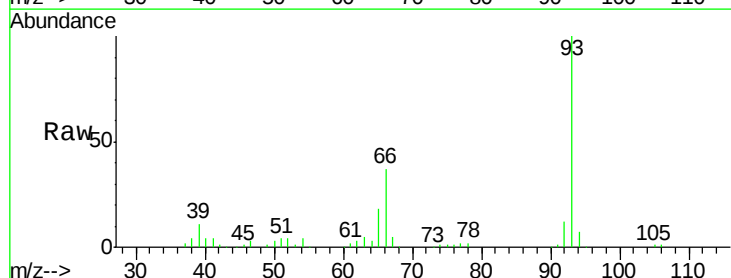
Tgt Ion: 93 Resp: 301289

Ion Ratio Lower Upper

93 100

66 37.2 29.8 44.8

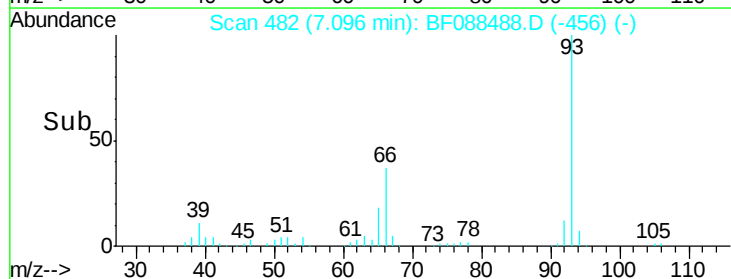
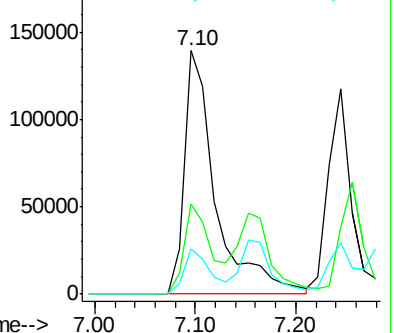
65 18.5 14.9 22.3

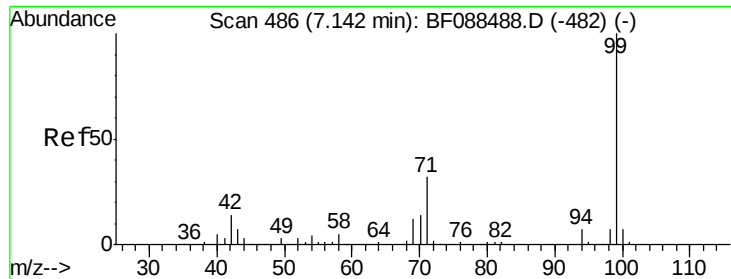


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.35 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampleId :

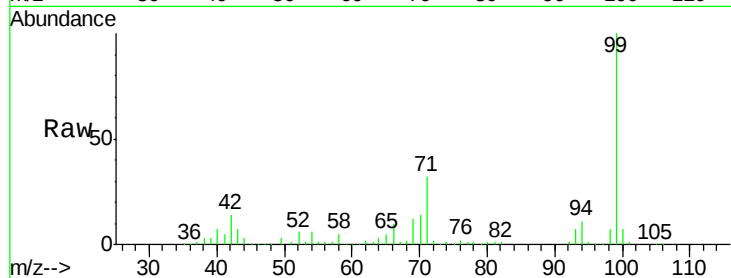
Tot Ion: 99 Resp: 436034

Ion Ratio Lower Upper

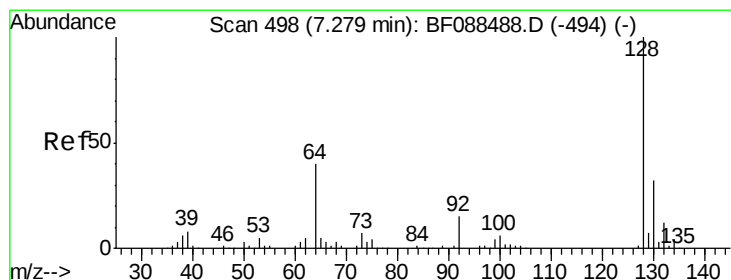
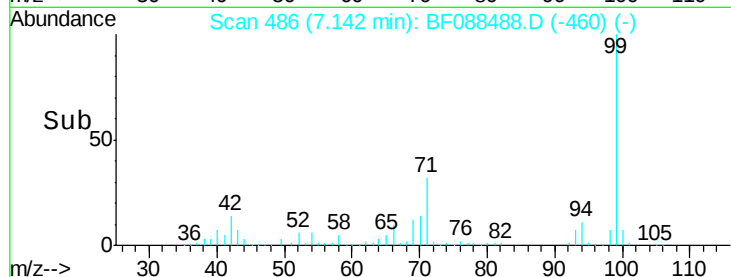
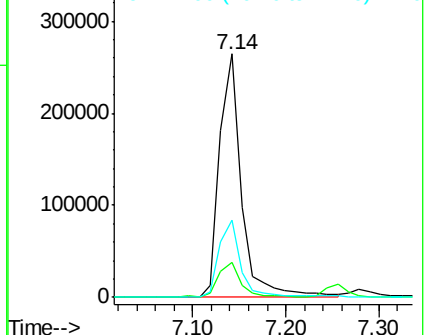
99 100

42 14.1 12.2 18.2

71 31.8 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: 41.96 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

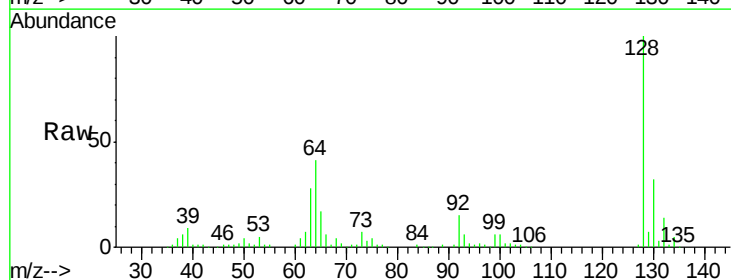
Tgt Ion: 128 Resp: 228087

Ion Ratio Lower Upper

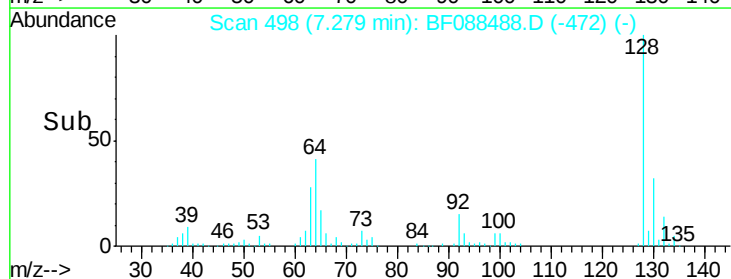
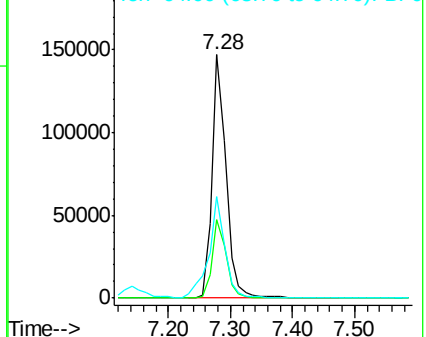
128 100

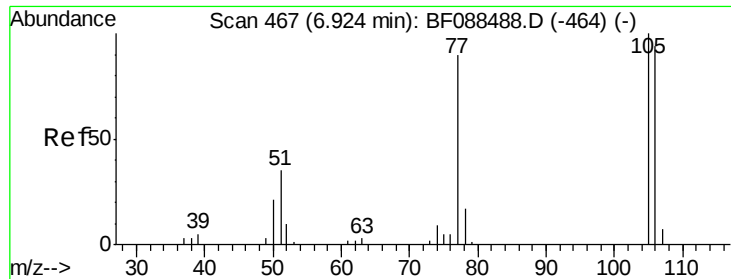
130 32.2 12.0 52.0

64 41.5 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

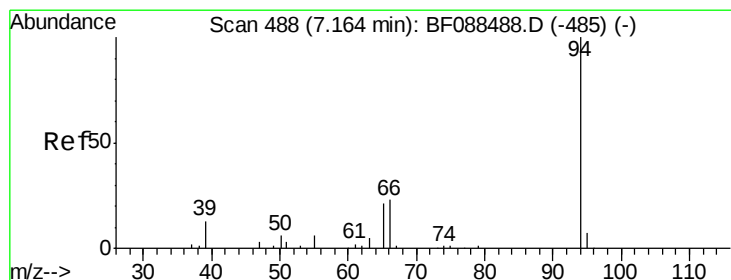
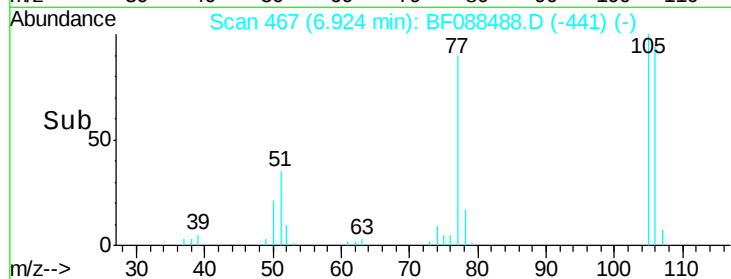
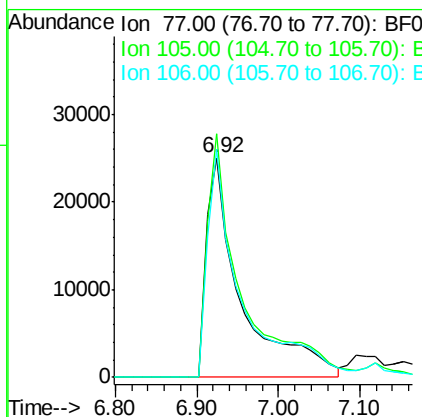
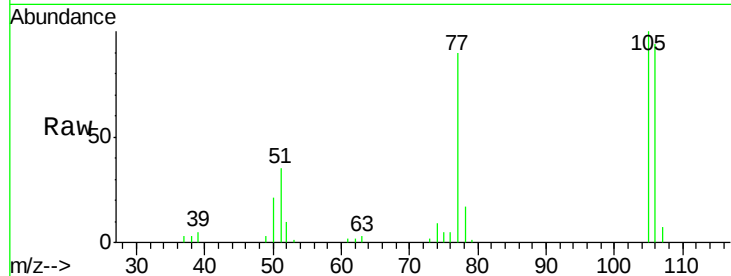




#9
Benzaldehyde
Concen: 20.85 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

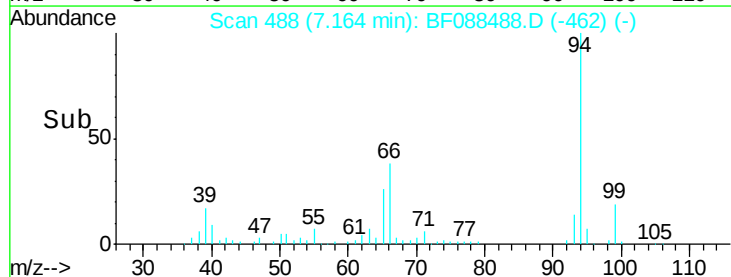
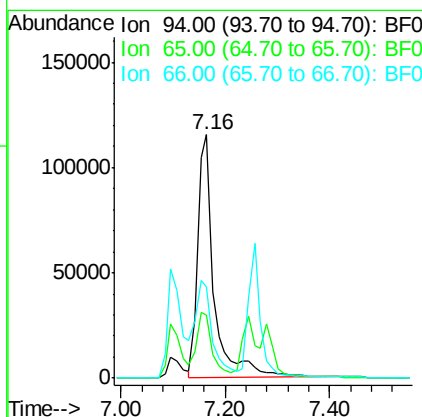
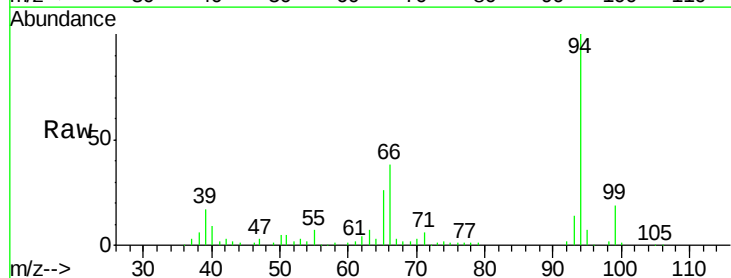
Instrument :
BNA_F
ClientSampleId :

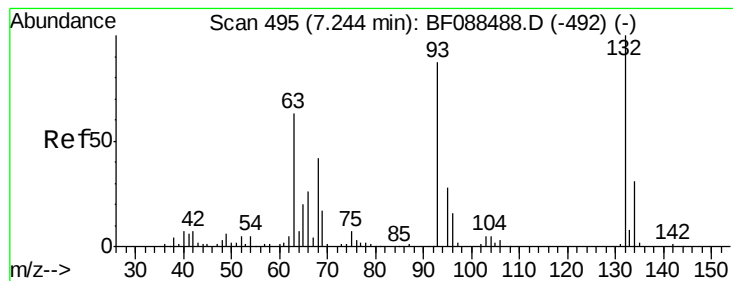
Tot Ion: 77 Resp: 75505
Ion Ratio Lower Upper
77 100
105 110.9 90.6 130.6
106 104.0 85.3 125.3



#10
Phenol
Concen: 38.76 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion: 94 Resp: 253354
Ion Ratio Lower Upper
94 100
65 25.8 5.9 45.9
66 37.7 14.0 54.0

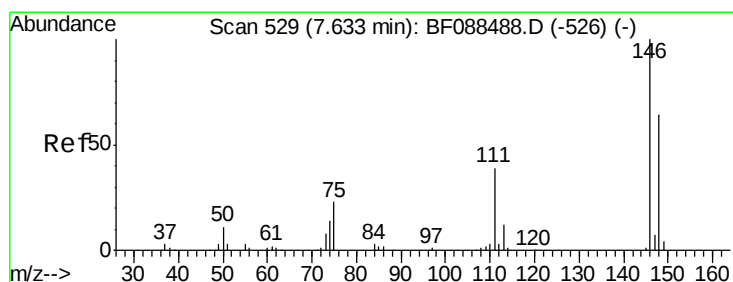
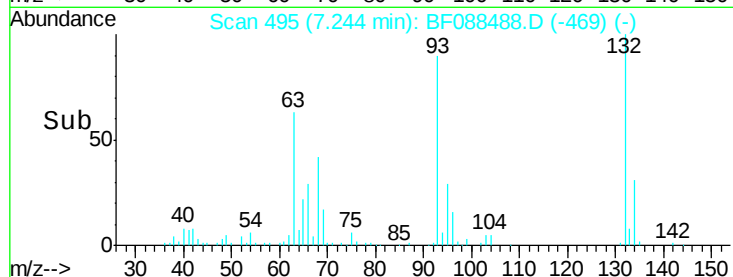
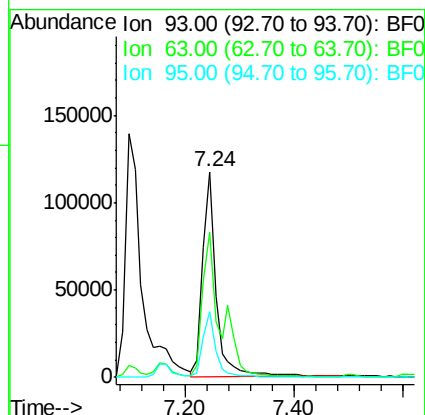
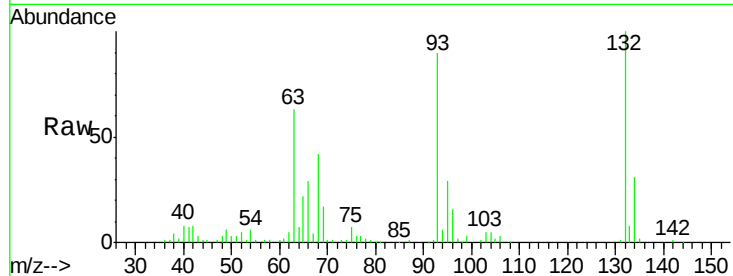




#11
bis(2-Chloroethyl)ether
Concen: 41.24 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

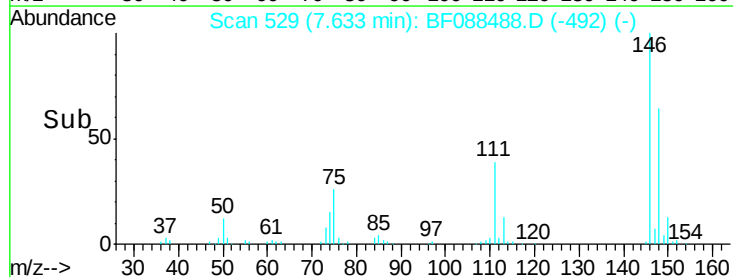
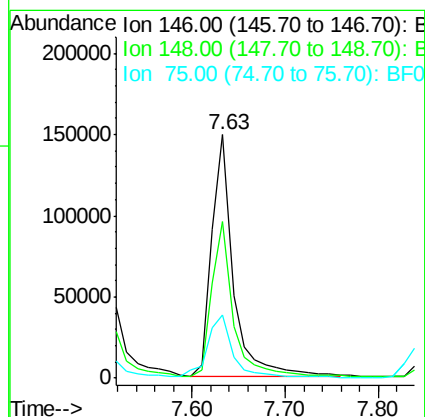
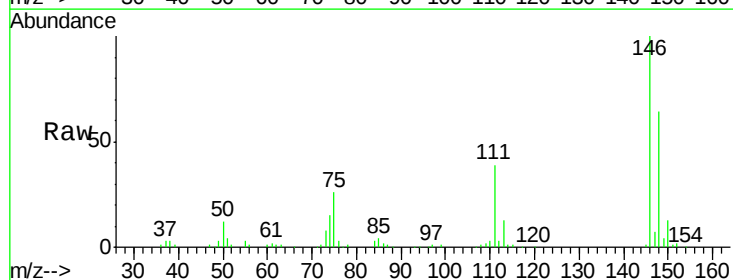
Instrument :
BNA_F
ClientSampleId :

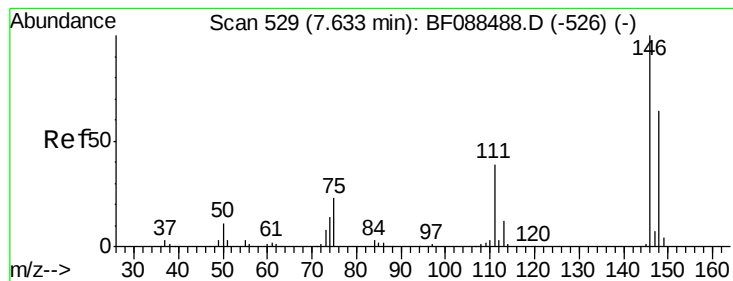
Tot Ion: 93 Resp: 201243
Ion Ratio Lower Upper
93 100
63 70.5 67.6 107.6
95 32.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.25 ng
RT: 7.63 min Scan# 529
Delta R.T. 0.13 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion: 146 Resp: 240578
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
75 26.1 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 41.18 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampleId :

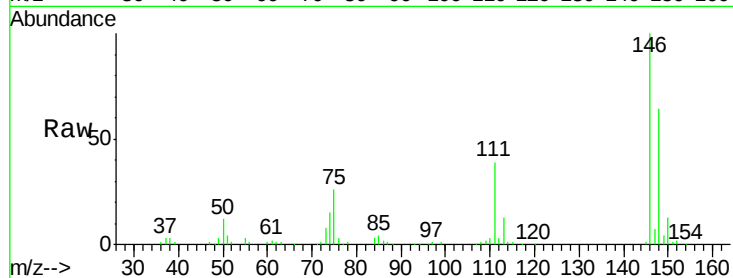
Tot Ion:146 Resp: 241901

Ion Ratio Lower Upper

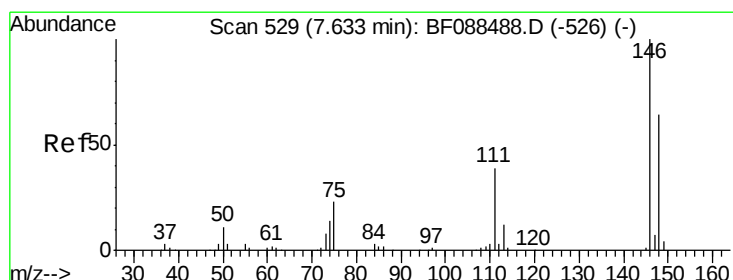
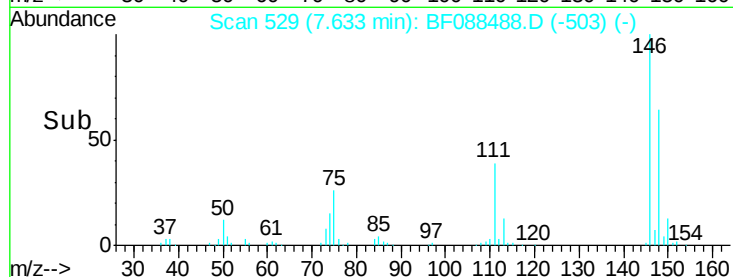
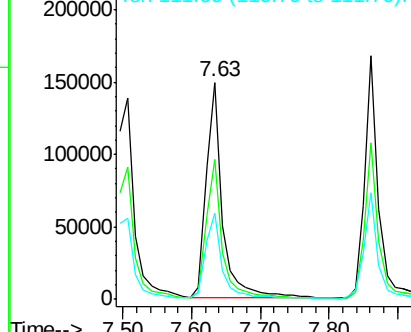
146 100

148 64.4 52.0 78.0

111 39.5 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: 45.50 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.23 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

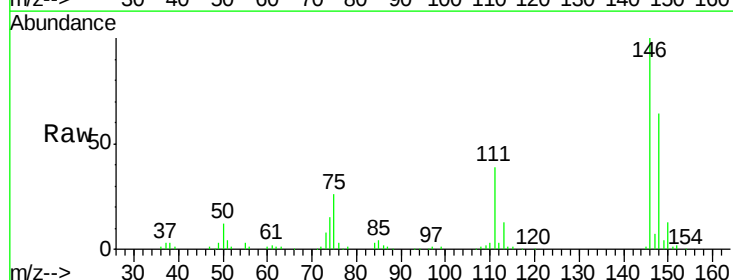
Tgt Ion:146 Resp: 243100

Ion Ratio Lower Upper

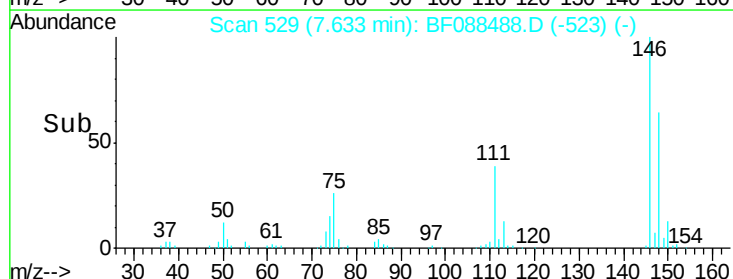
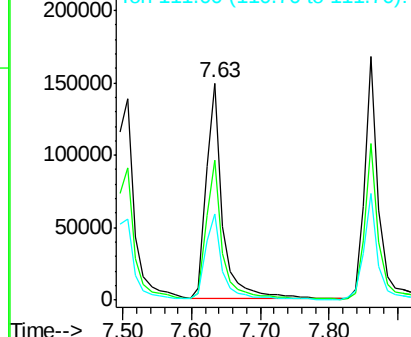
146 100

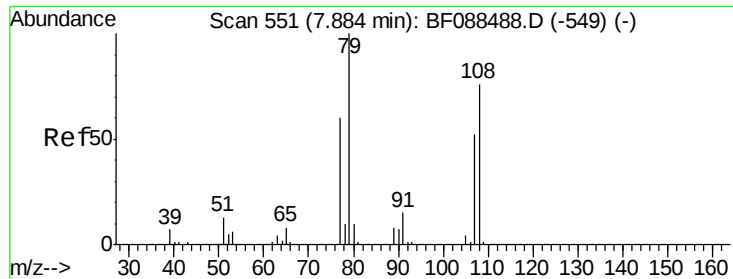
148 64.4 52.3 78.5

111 39.5 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: 37.54 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampled :

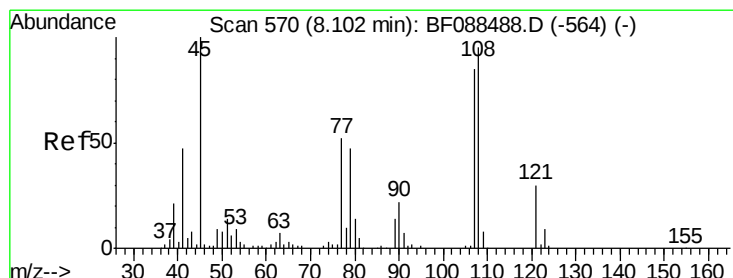
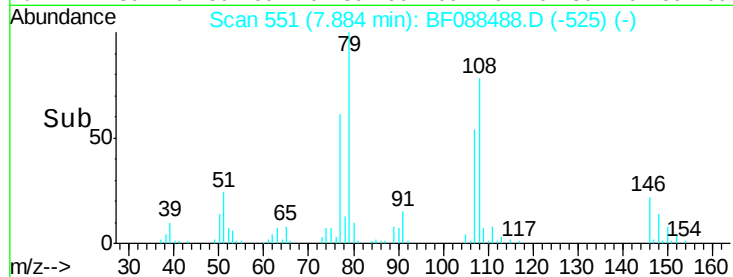
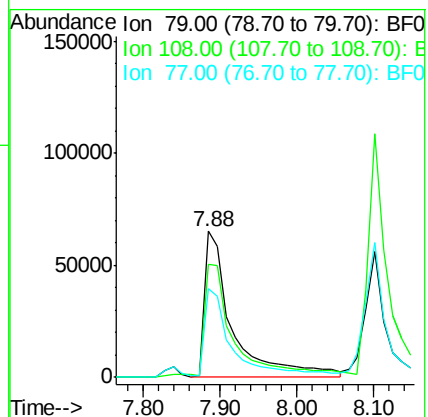
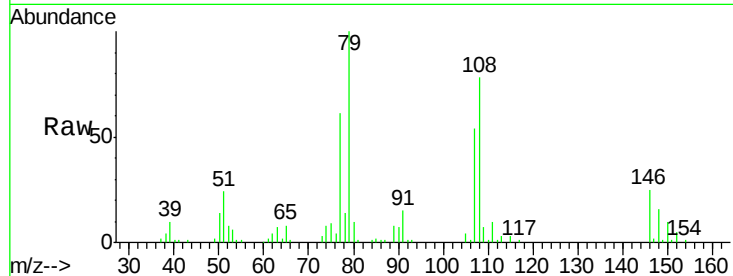
Tot Ion: 79 Resp: 163435

Ion Ratio Lower Upper

79 100

108 77.8 65.0 97.6

77 60.9 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.56 ng

RT: 8.10 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

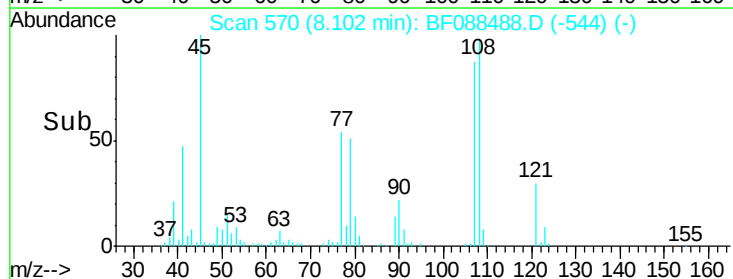
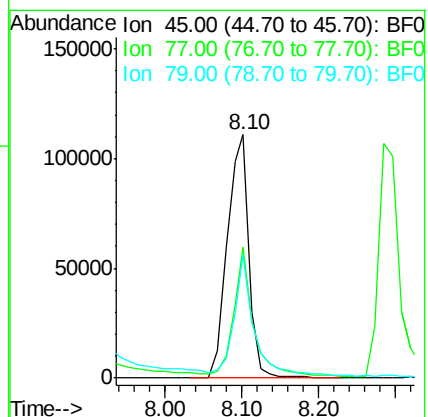
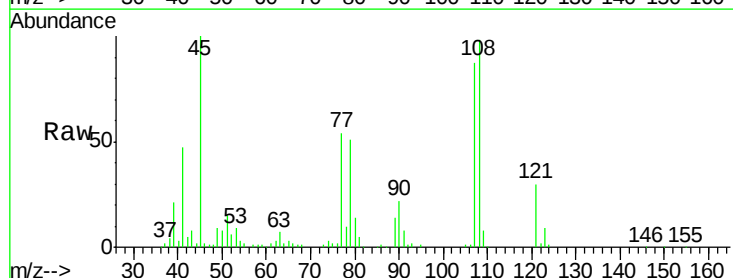
Tgt Ion: 45 Resp: 221242

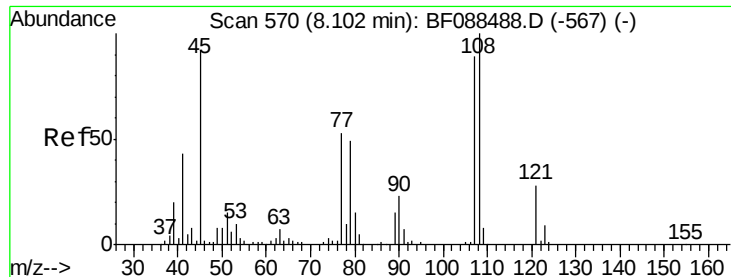
Ion Ratio Lower Upper

45 100

77 54.0 0.0 32.5#

79 50.5 0.0 29.5#

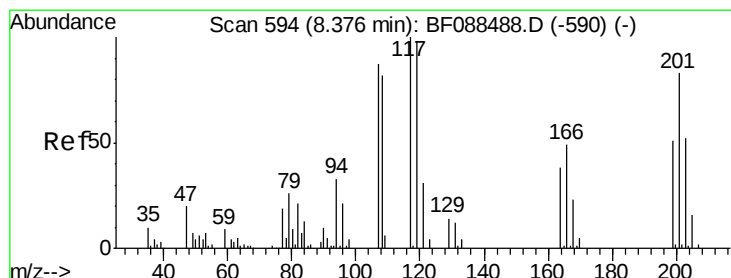
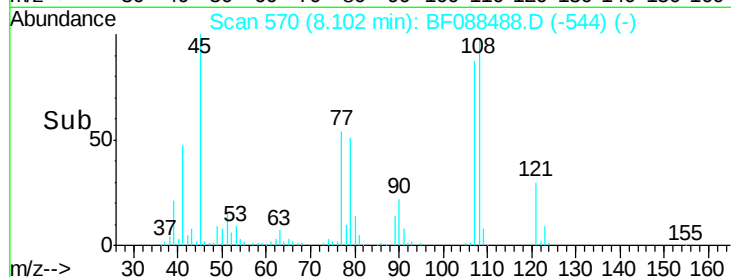
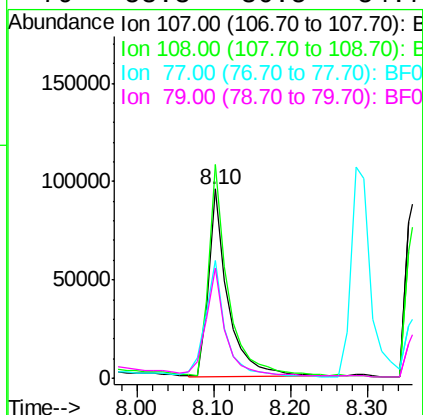
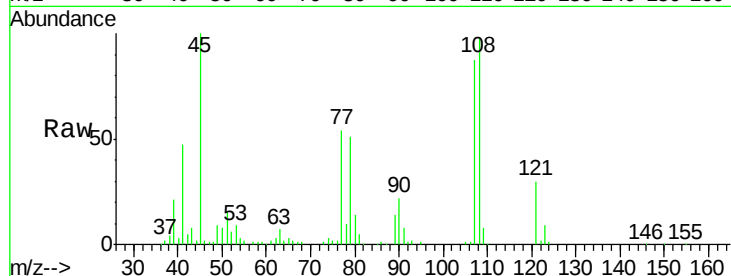




#17
2-Methylphenol
Concen: 37.51 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

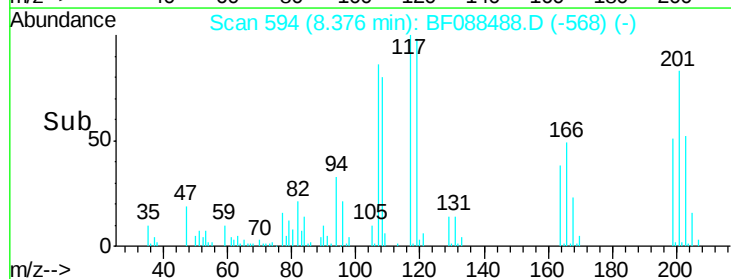
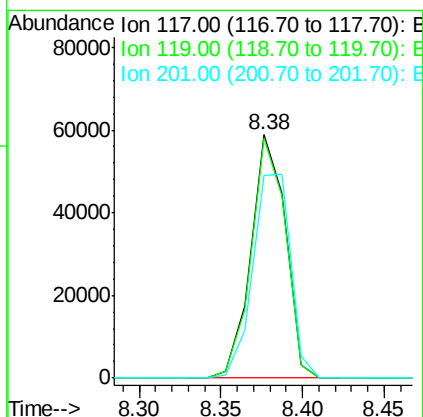
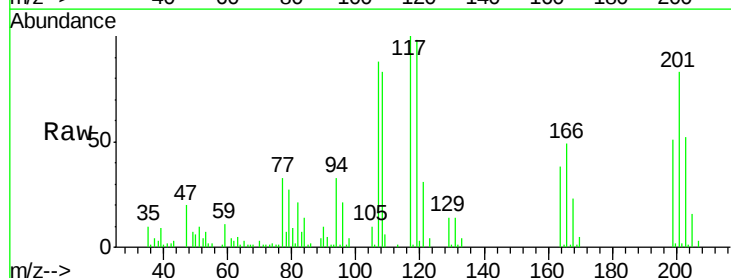
Instrument :
BNA_F
ClientSampleId :

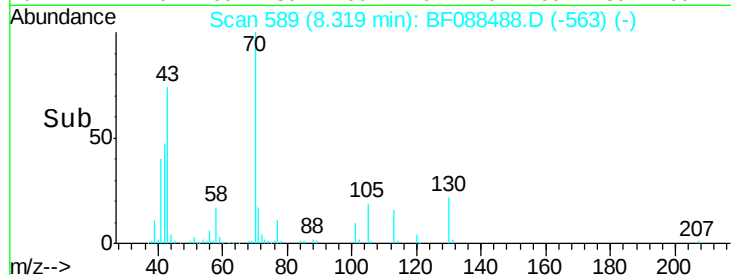
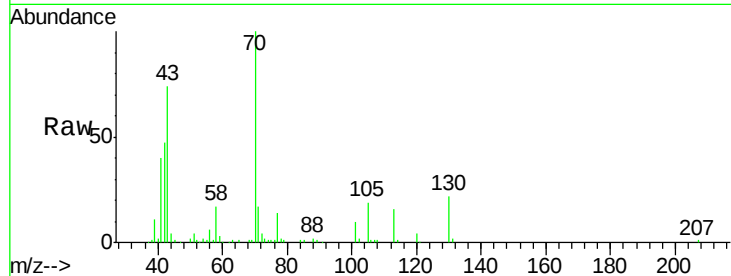
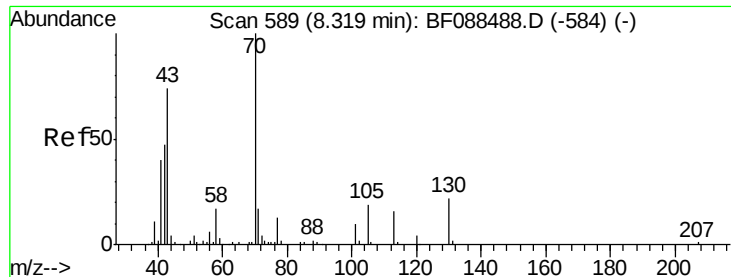
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.9	136.3
77	62.3	36.6	55.0#
79	58.3	36.5	54.7#



#18
Hexachloroethane
Concen: 41.49 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.4	116.2
201	83.0	80.4	120.6

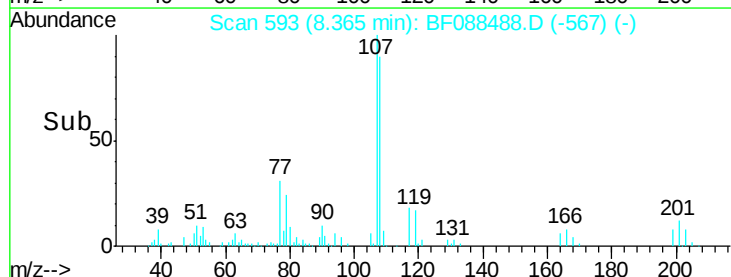
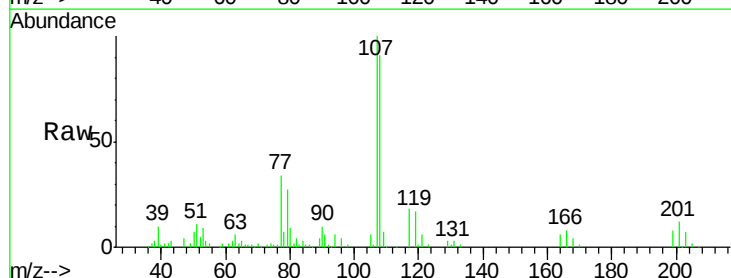
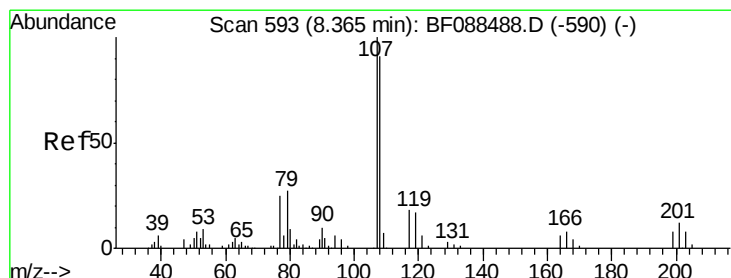
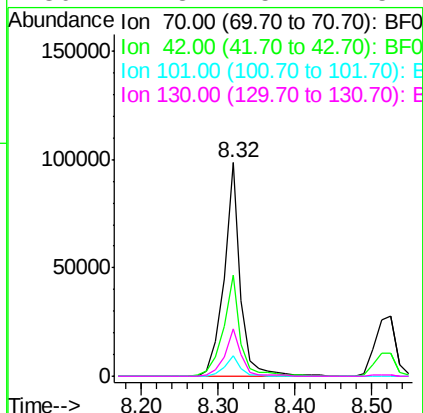




#19
n-Nitroso-di-n-propylamine
Concen: 41.33 ng
RT: 8.32 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

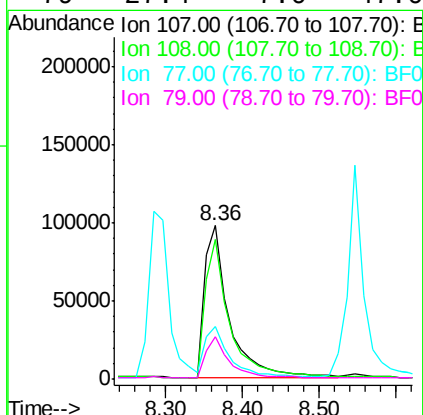
Instrument :
BNA_F
ClientSampleId :

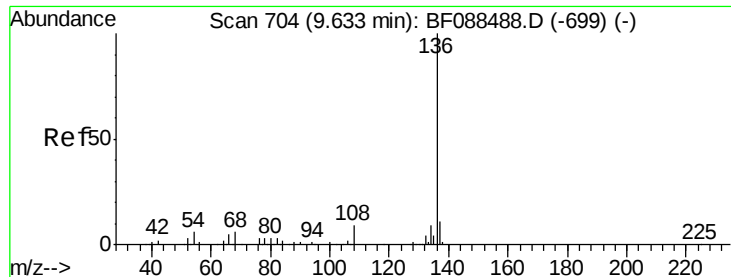
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.3	49.6	74.4	
101	9.6	7.1	10.7	
130	22.3	15.4	23.2	



#20
3+4-Methylphenols
Concen: 42.24 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.6	67.8	107.8	
77	33.9	59.3	99.3	
79	27.4	7.0	47.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF088488.D

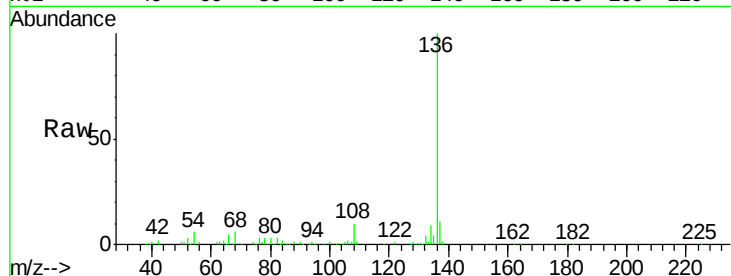
Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	319252
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.1 13.7
54	6.5	6.6 10.0#
68	5.5	5.1 7.7

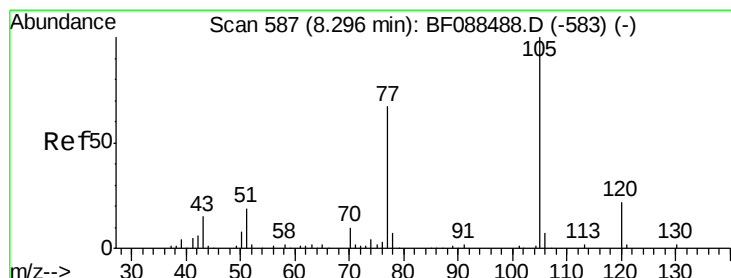
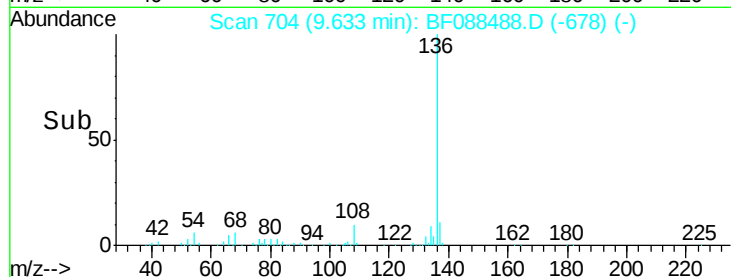
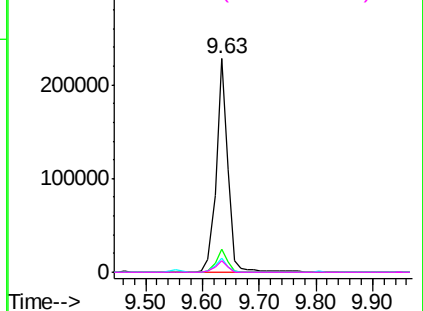


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.46 ng

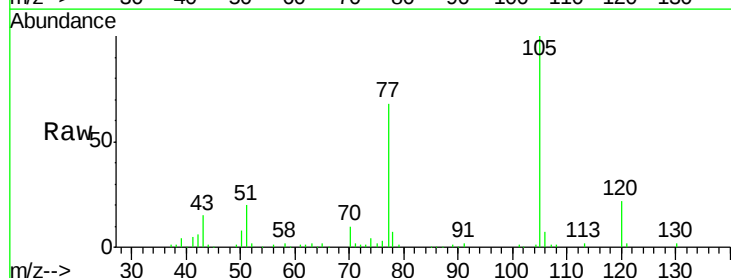
RT: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Tgt Ion:105	Resp:	302928
Ion Ratio	Lower	Upper
105	100	
71	1.8	5.3 7.9#
51	19.6	18.2 27.4
120	21.7	18.0 27.0

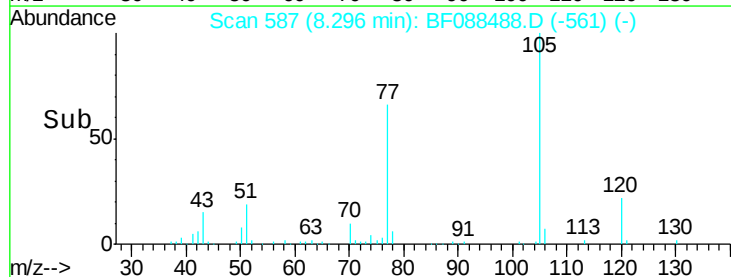
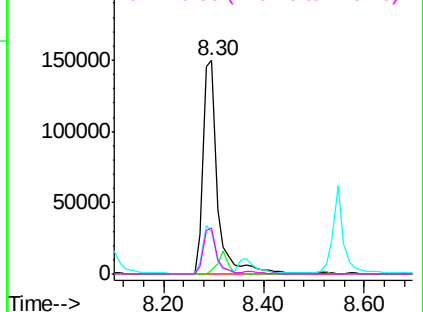


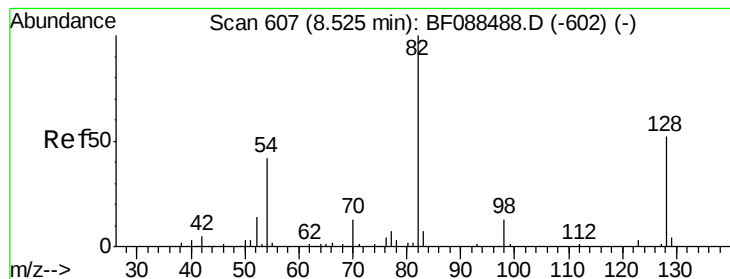
Abundance Ion 105.00 (104.70 to 105.70): E

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: 75.35 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampleId :

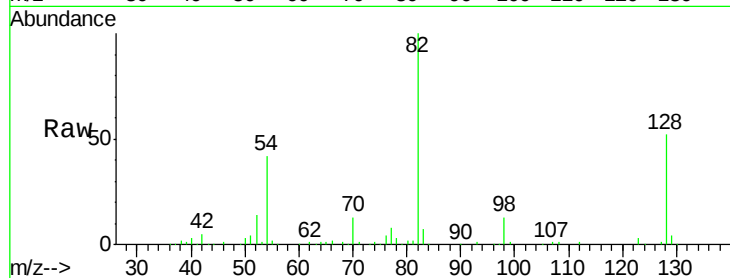
Tot Ion: 82 Resp: 411945

Ion Ratio Lower Upper

82 100

128 52.0 35.9 53.9

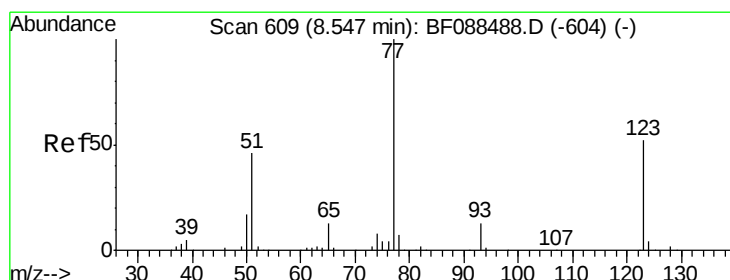
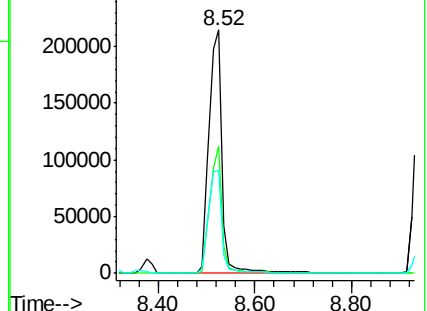
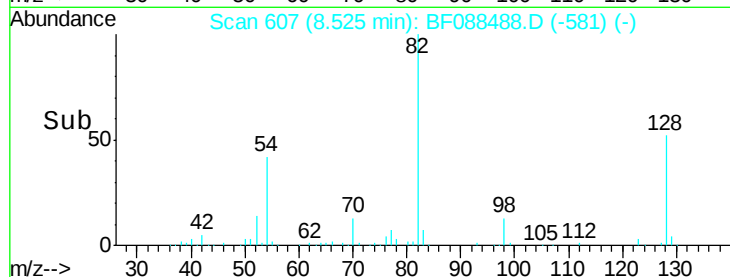
54 42.4 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.20 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

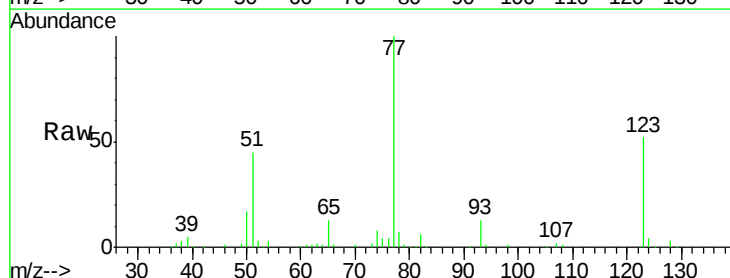
Tgt Ion: 77 Resp: 212905

Ion Ratio Lower Upper

77 100

123 51.6 45.0 67.4

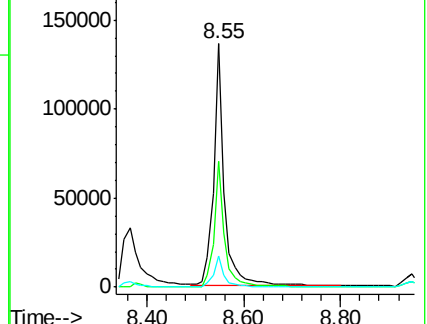
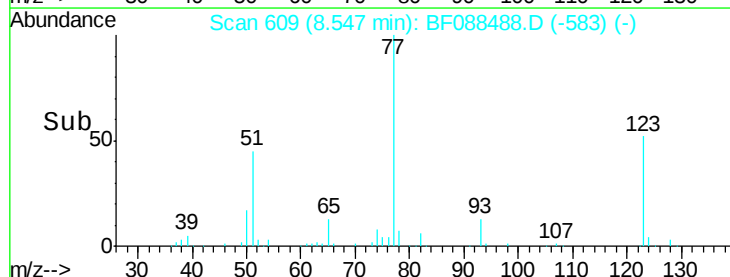
65 13.0 10.2 15.2

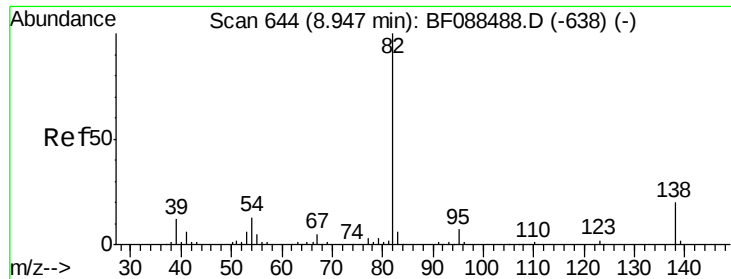


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.41 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampled :

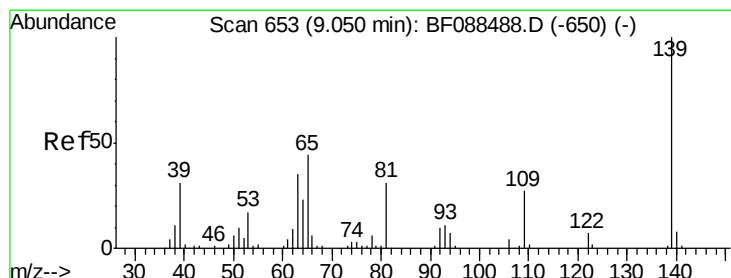
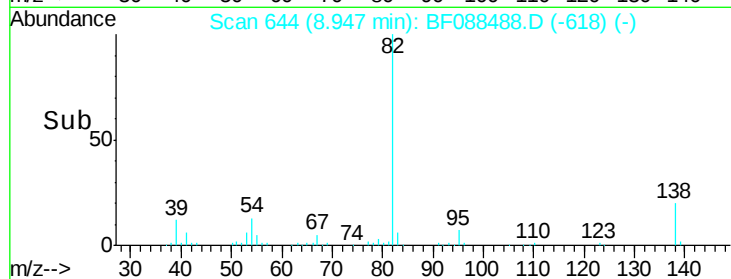
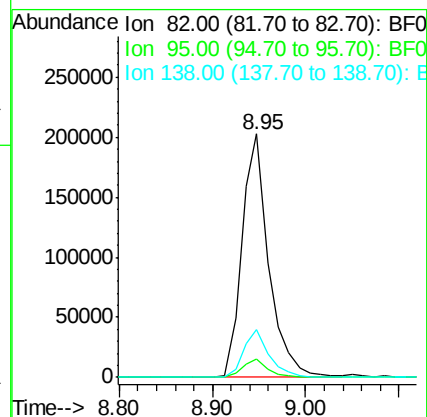
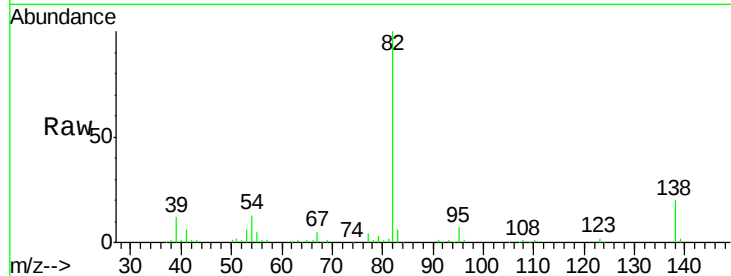
Tot Ion: 82 Resp: 399103

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

138 19.7 14.6 21.8



#26

2-Nitrophenol

Concen: 39.27 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

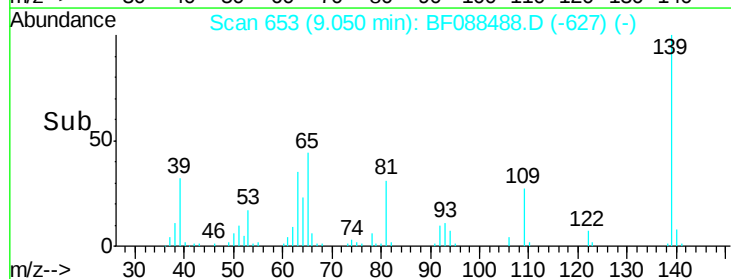
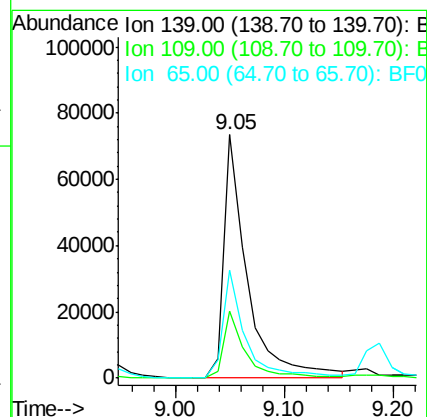
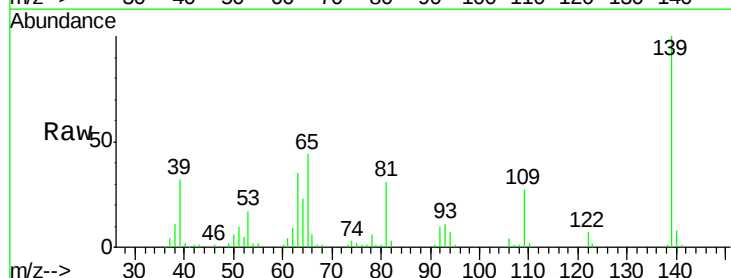
Tgt Ion: 139 Resp: 111412

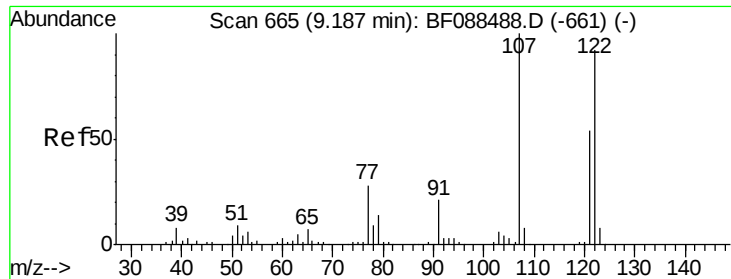
Ion Ratio Lower Upper

139 100

109 27.3 23.0 34.4

65 44.4 45.8 68.8#

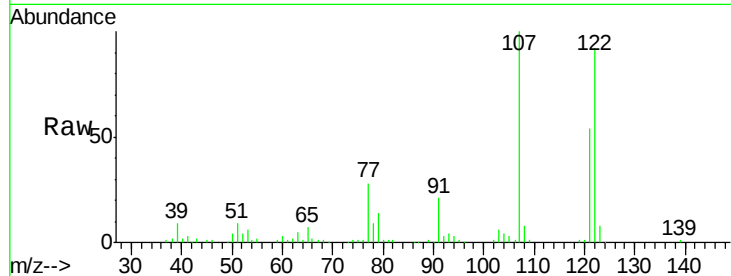




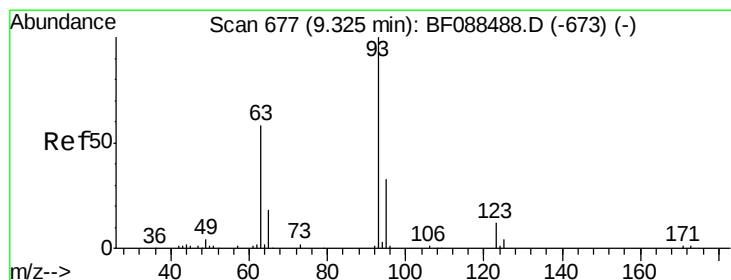
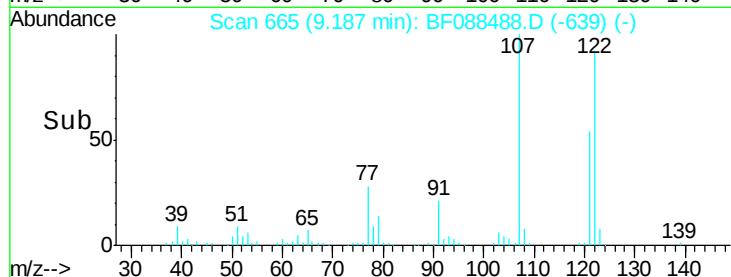
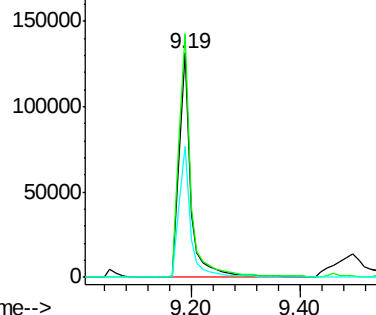
#27
 2,4-Dimethylphenol
 Concen: 37.84 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 197639
 Ion Ratio Lower Upper
 122 100
 107 108.5 82.4 123.6
 121 58.2 46.3 69.5

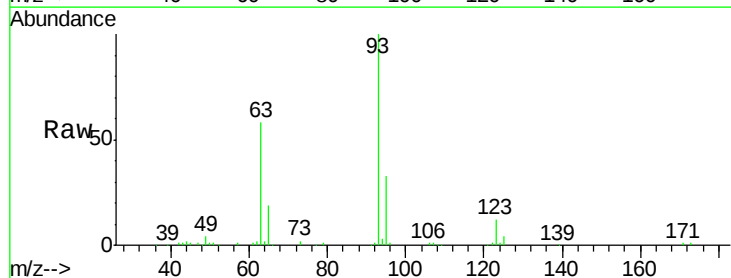


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

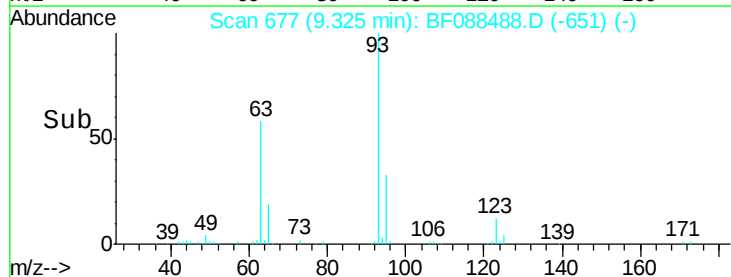
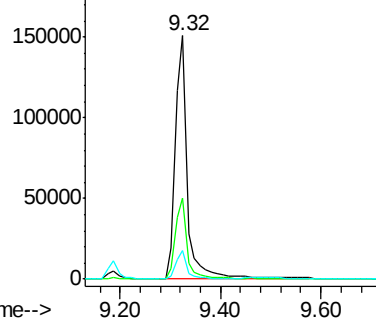


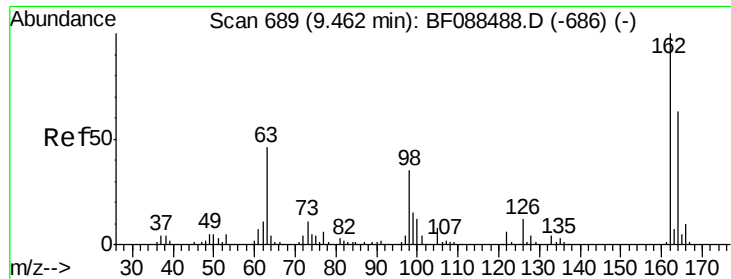
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.51 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Tgt Ion: 93 Resp: 254464
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 11.8 11.6 17.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

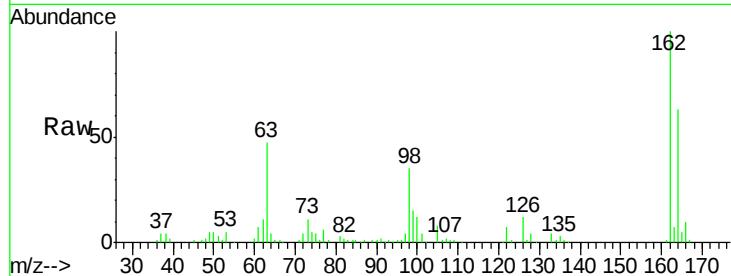




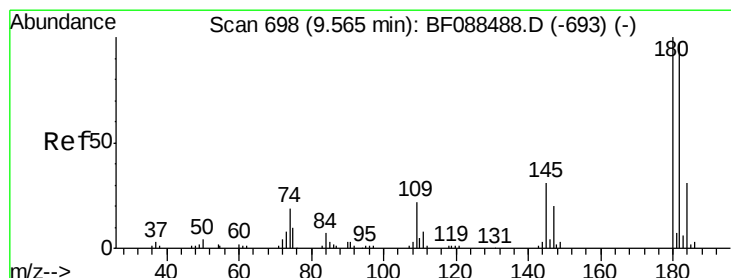
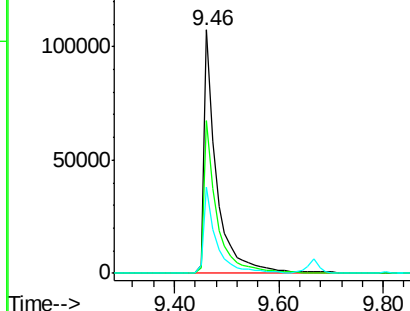
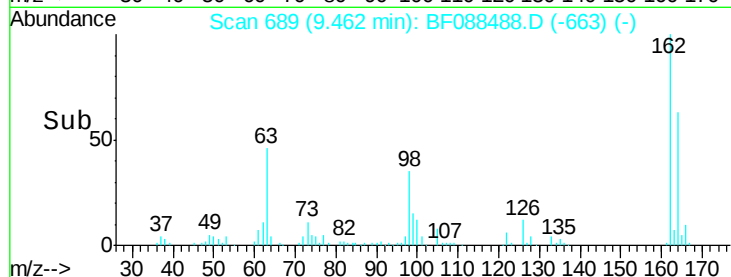
#29
 2,4-Dichlorophenol
 Concen: 41.85 ng
 RT: 9.46 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.8	83.8
98	35.3	21.3	61.3

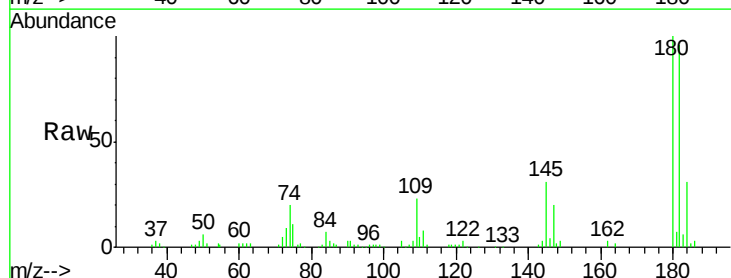


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

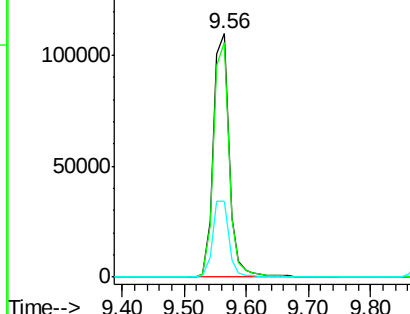
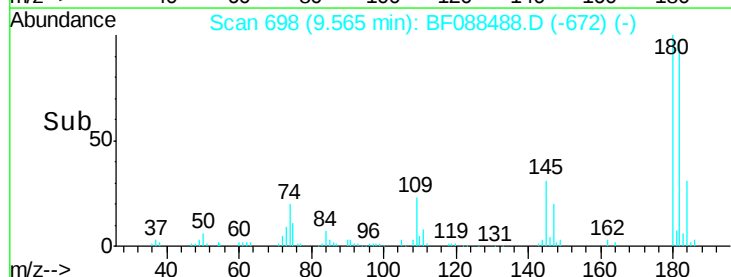


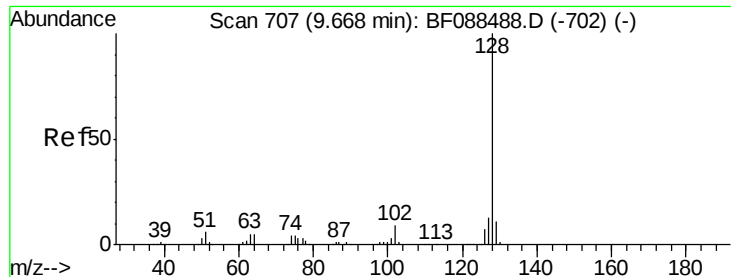
#30
 1,2,4-Trichlorobenzene
 Concen: 40.73 ng
 RT: 9.56 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.0	114.0
145	31.1	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

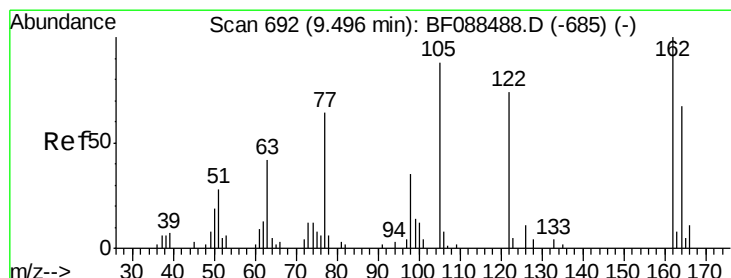
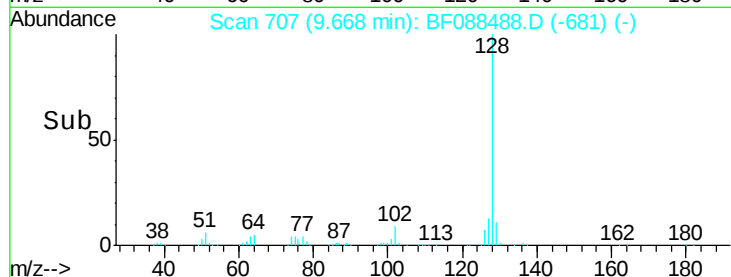
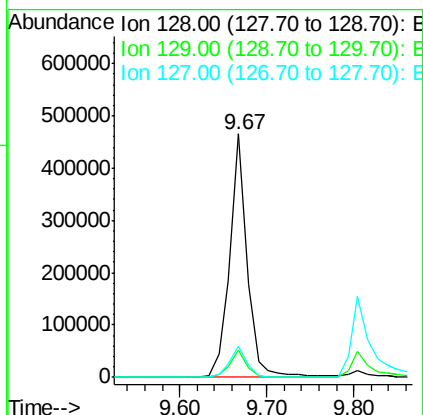
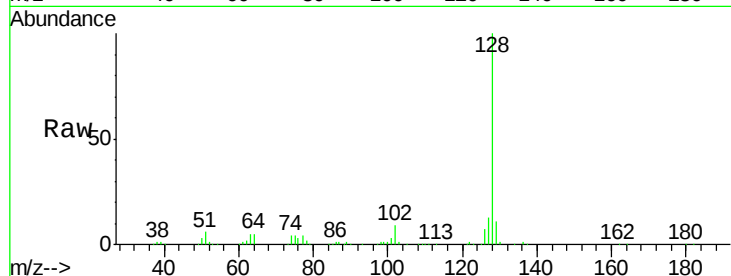




#31
Naphthalene
Concen: 41.28 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

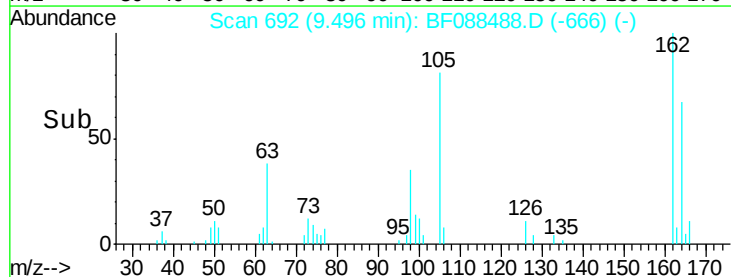
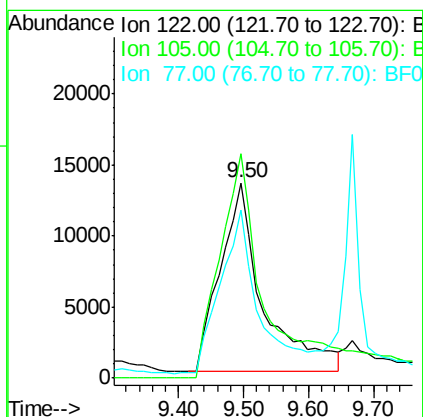
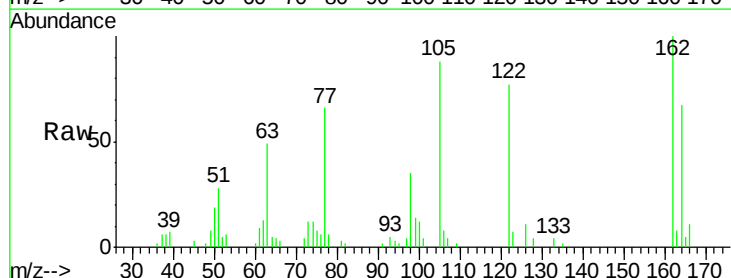
Instrument :
BNA_F
ClientSampleId :

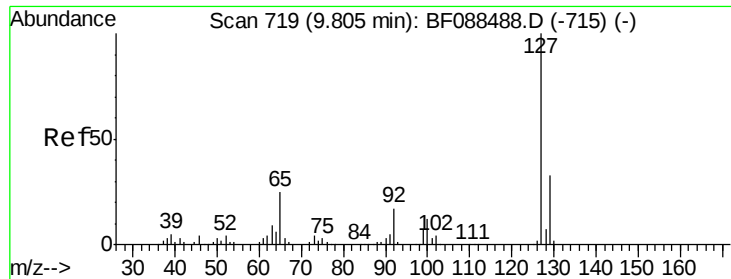
Tot Ion:128 Resp: 652106
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 12.9 10.9 16.3



#32
Benzoic acid
Concen: 21.02 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion:122 Resp: 60456
Ion Ratio Lower Upper
122 100
105 115.0 101.6 141.6
77 86.3 70.6 110.6

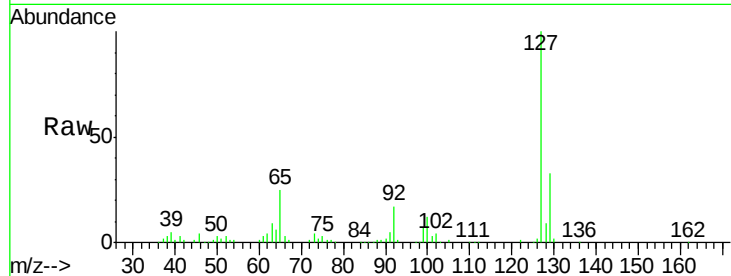




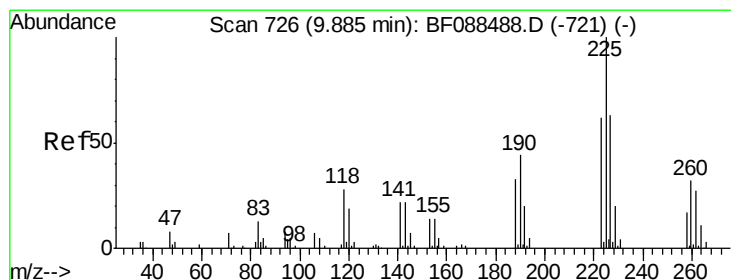
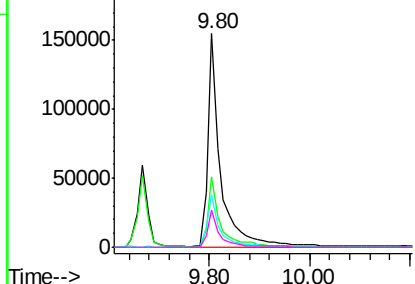
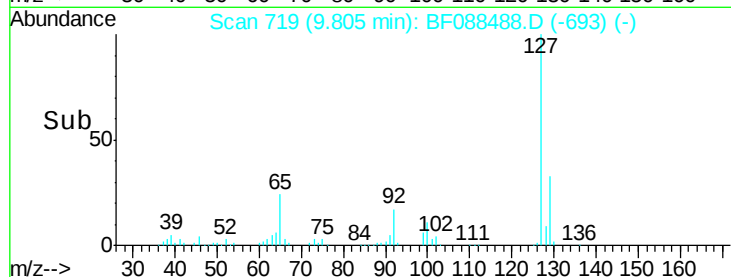
#33
4-Chloroaniline
Concen: 38.27 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	269983
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	24.7	24.7	37.1
92	17.3	15.4	23.0

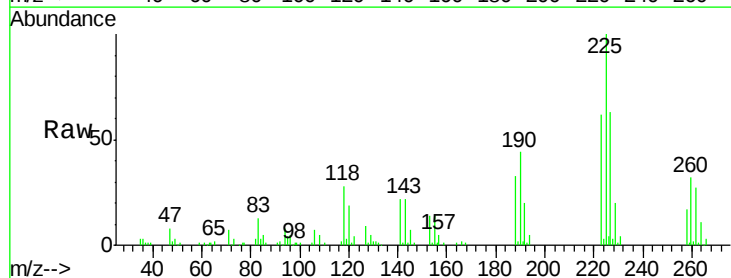


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

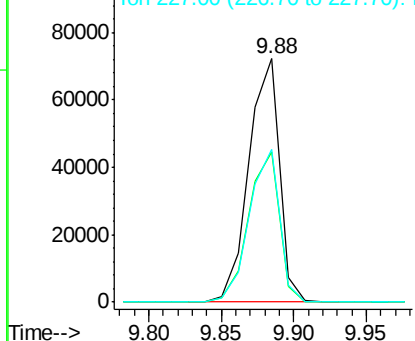
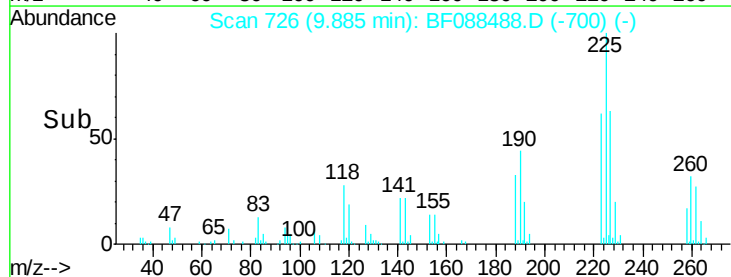


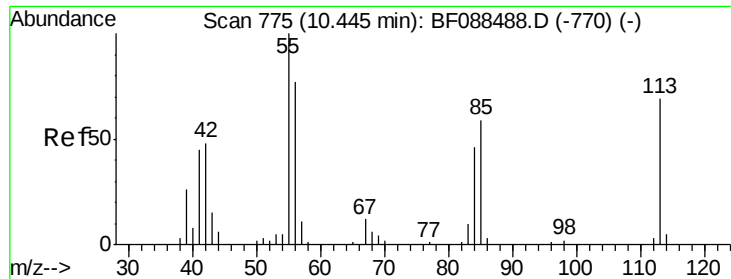
#34
Hexachlorobutadiene
Concen: 42.33 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion:	225	Resp:	105999
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.9	76.3
227	62.9	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: 35.77 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampleId :

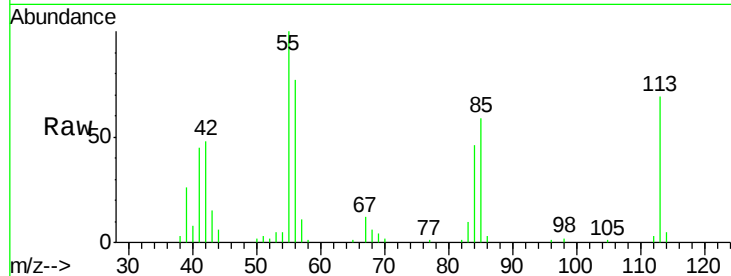
Tot Ion:113 Resp: 51666

Ion Ratio Lower Upper

113 100

55 144.6 158.6 198.6#

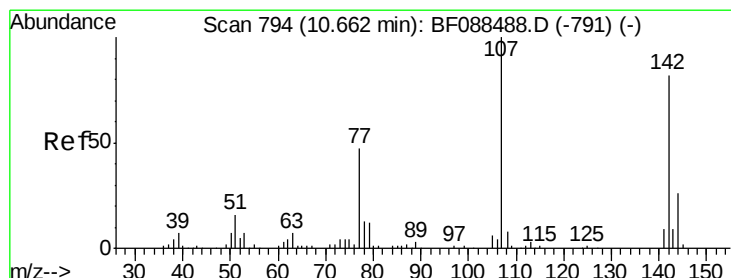
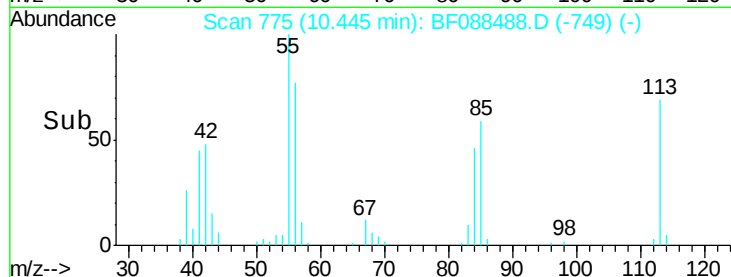
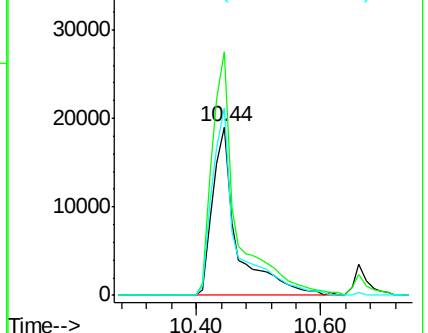
56 111.0 110.6 150.6



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: 39.91 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

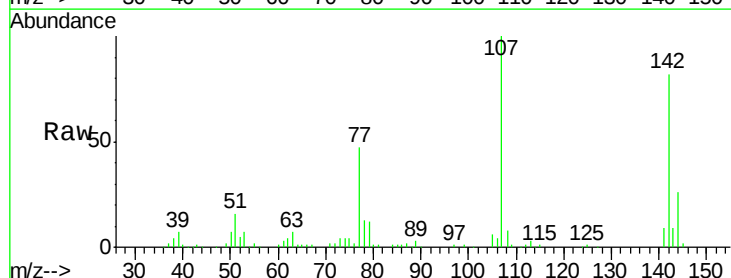
Tgt Ion:107 Resp: 186123

Ion Ratio Lower Upper

107 100

144 26.1 20.8 31.2

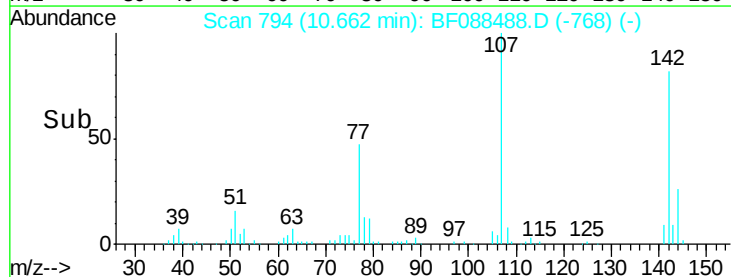
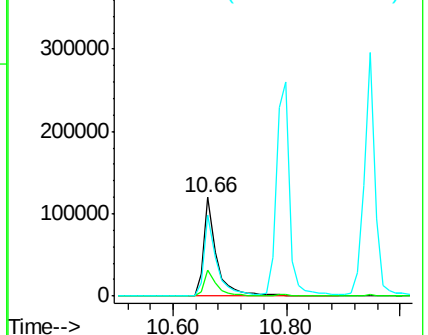
142 81.6 63.4 95.2

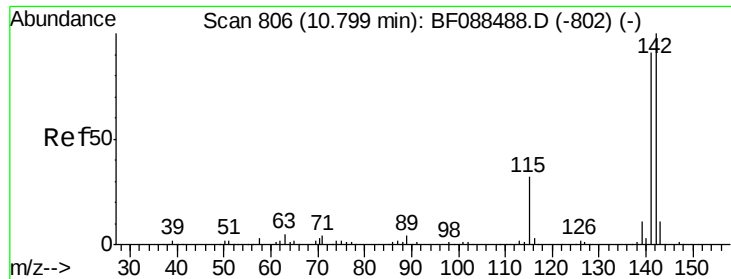


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

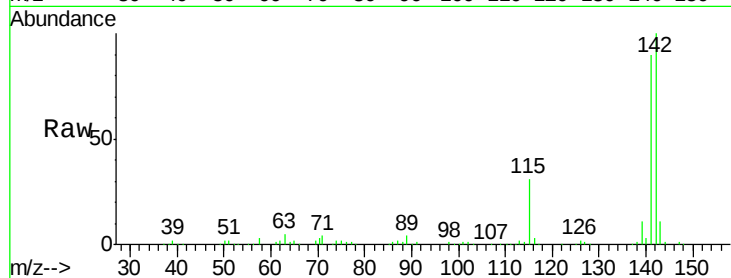




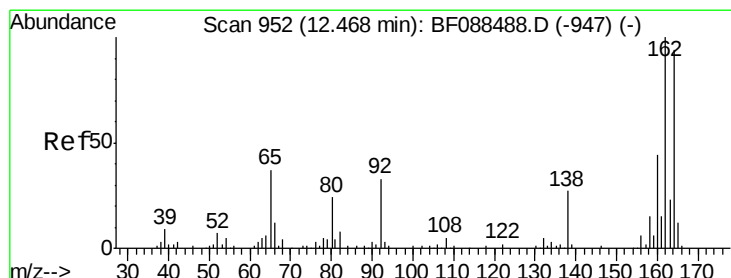
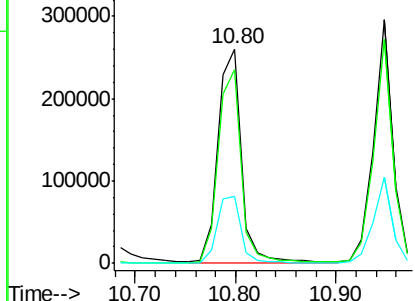
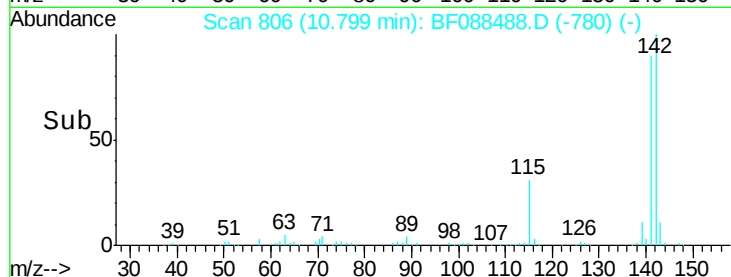
#37
 2-Methylnaphthalene
 Concen: 40.43 ng
 RT: 10.80 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 421044
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.0 106.6
 115 31.3 22.6 33.8

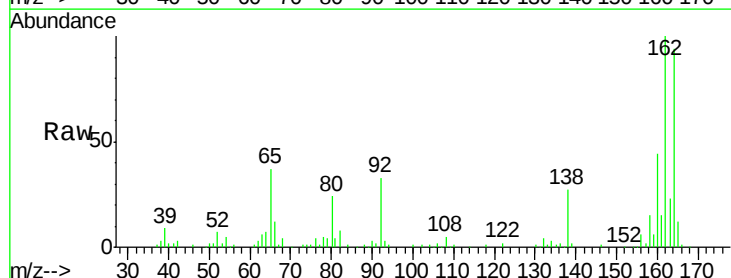


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

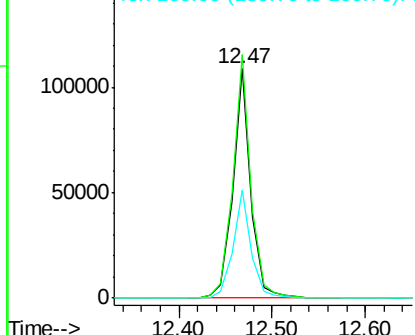
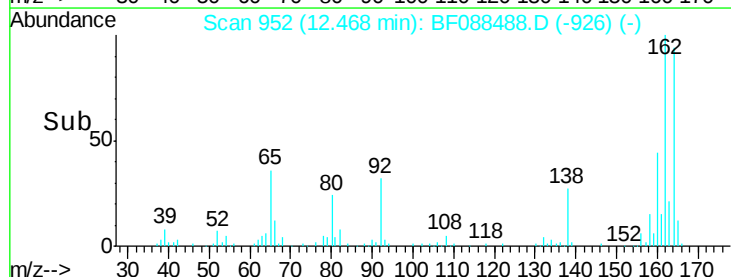


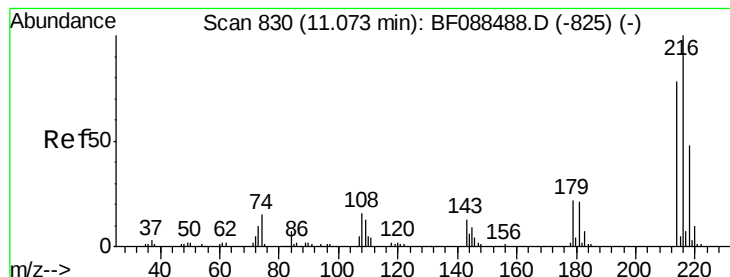
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Tgt Ion:164 Resp: 144518
 Ion Ratio Lower Upper
 164 100
 162 106.3 85.4 128.2
 160 47.0 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: 42.80 ng

RT: 11.07 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 180294

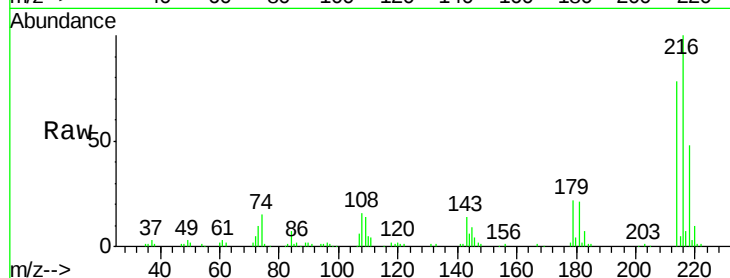
Ion Ratio Lower Upper

216 100

214 79.2 2.9 4.3#

179 22.2 0.0 0.0#

108 18.6 0.5 0.7#

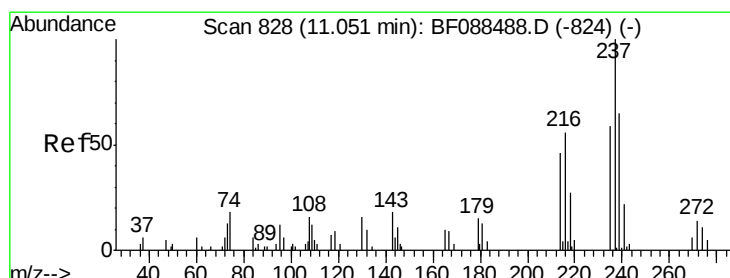
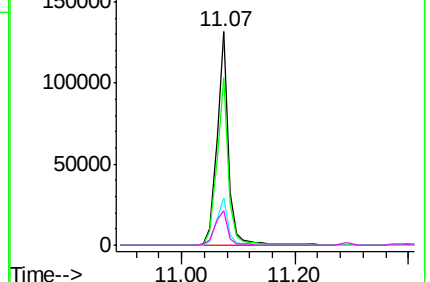
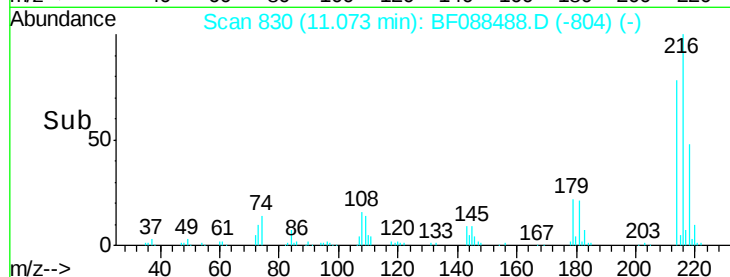


Abundance Ion 216.00 (215.70 to 216.70): E

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: 10.41 ng

RT: 11.05 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

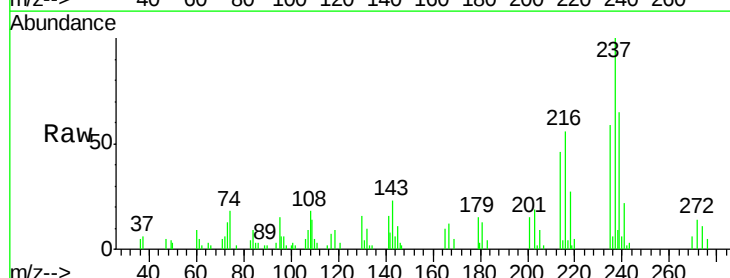
Tgt Ion:237 Resp: 24265

Ion Ratio Lower Upper

237 100

235 59.4 43.4 83.4

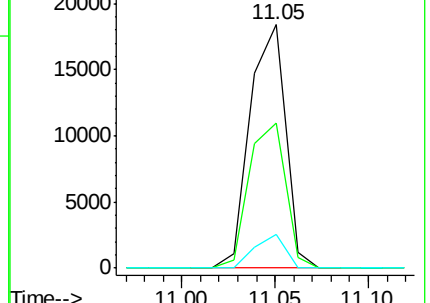
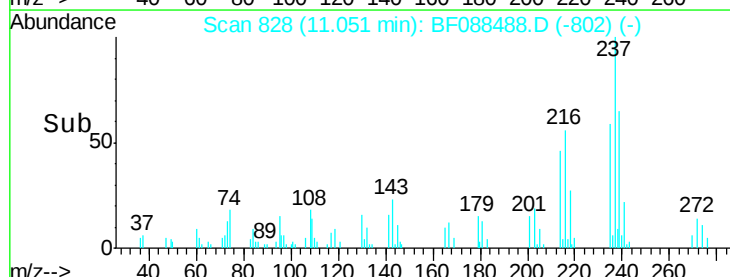
272 13.7 0.0 32.3

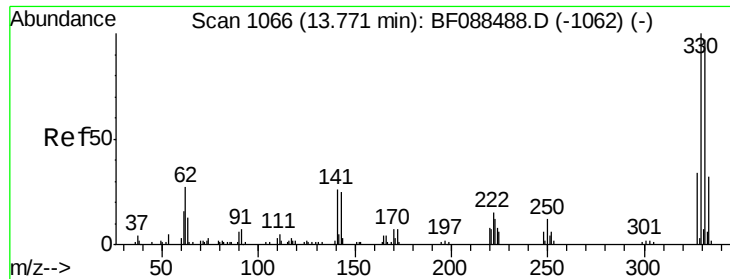


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

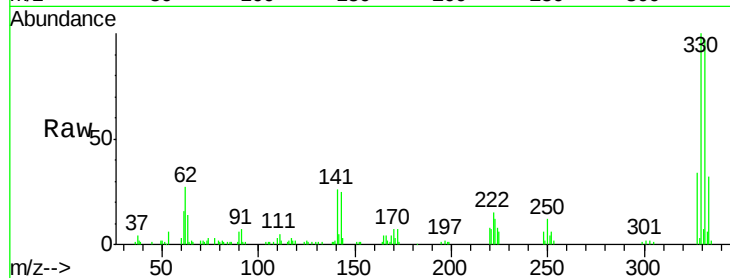




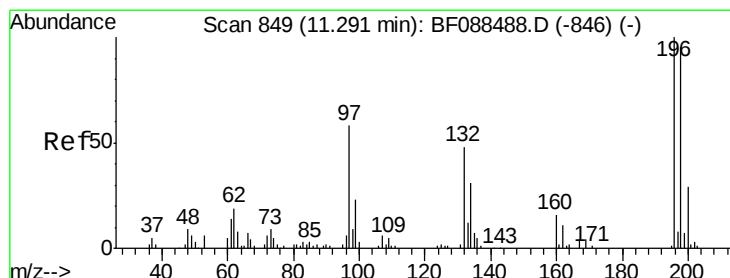
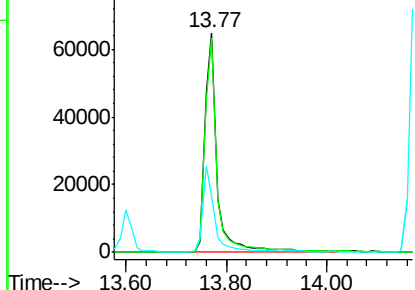
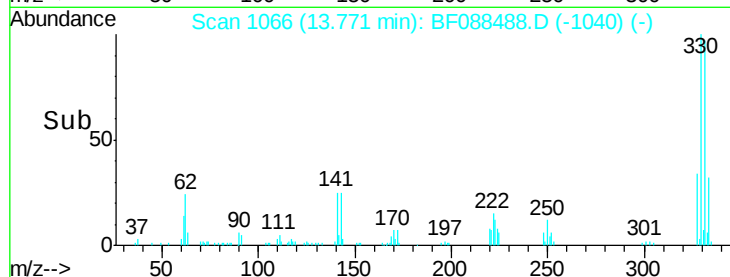
#41
 2,4,6-Tribromophenol
 Concen: 72.29 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	37.3	0.0	0.0#

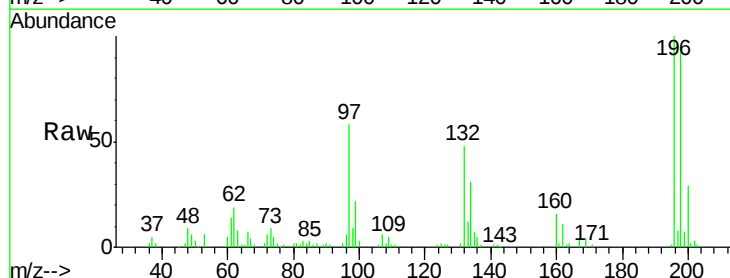


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

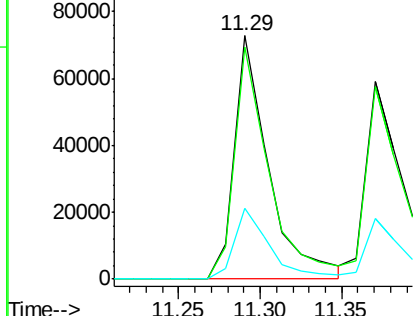
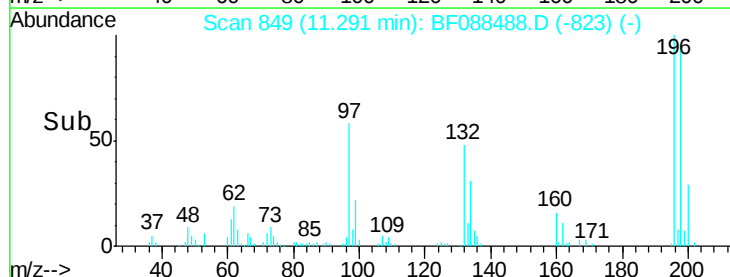


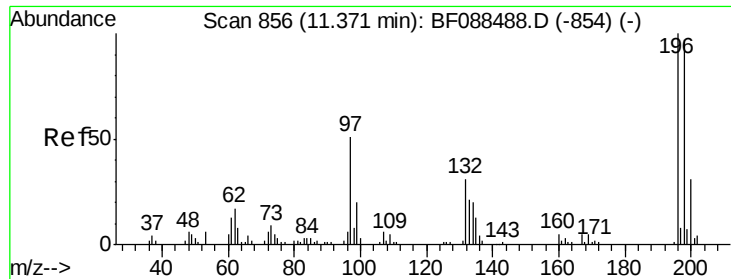
#42
 2,4,6-Trichlorophenol
 Concen: 36.64 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	78.0	117.0
200	29.3	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

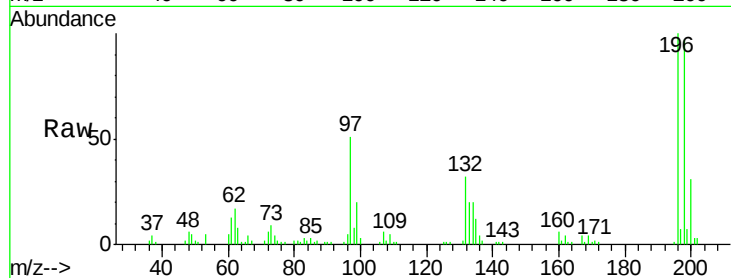




#43
2,4,5-Trichlorophenol
Concen: 36.55 ng
RT: 11.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	77.5	116.3
97	50.9	32.0	48.0#
132	31.6	20.9	31.3#



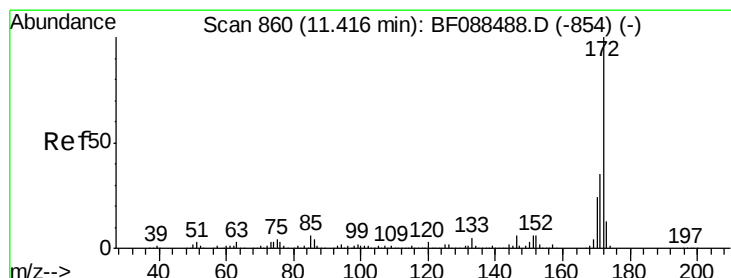
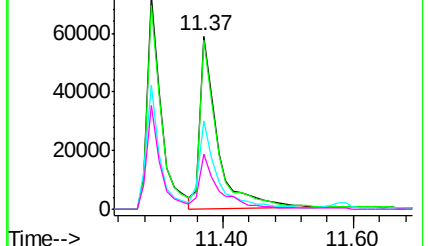
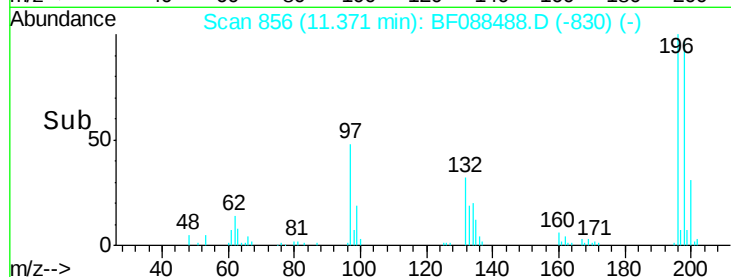
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

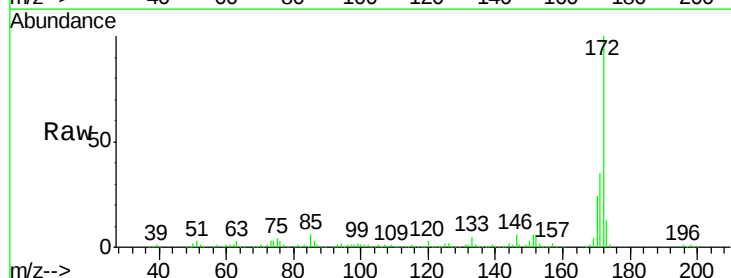
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 76.51 ng
RT: 11.42 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.7	19.2	28.8

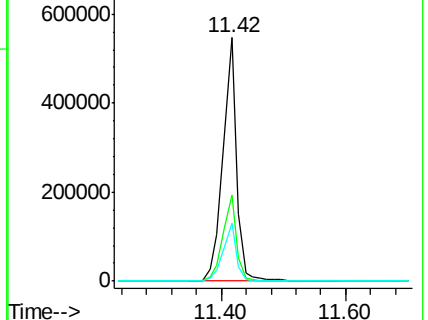
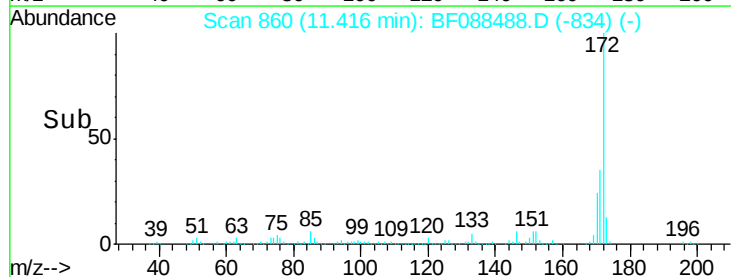


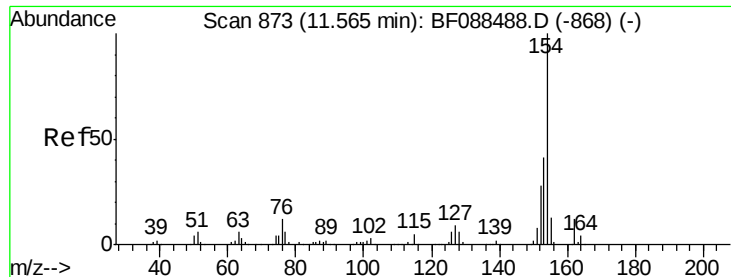
Abundance

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: 42.66 ng

RT: 11.56 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampled :

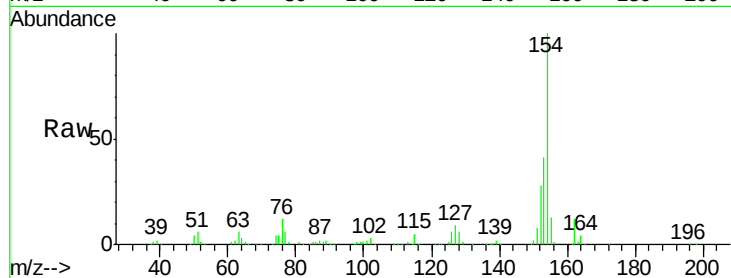
Tot Ion:154 Resp: 497132

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

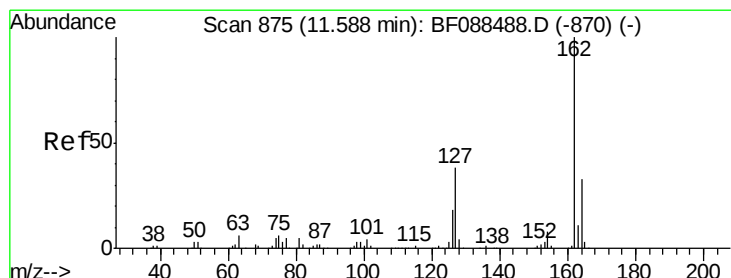
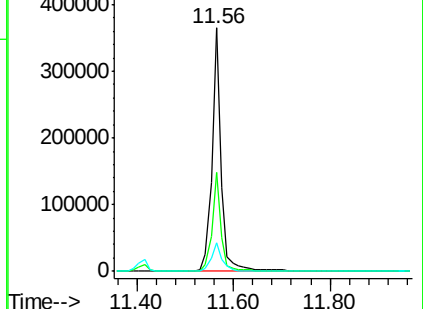
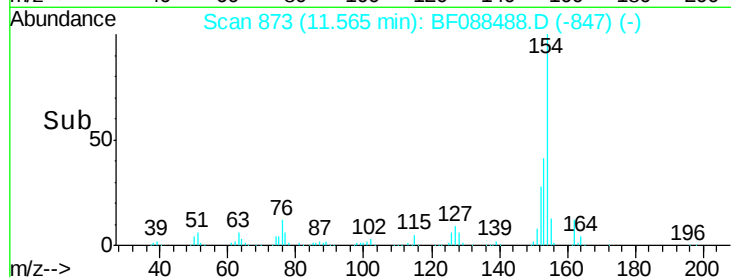
76 11.8 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.12 ng

RT: 11.59 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

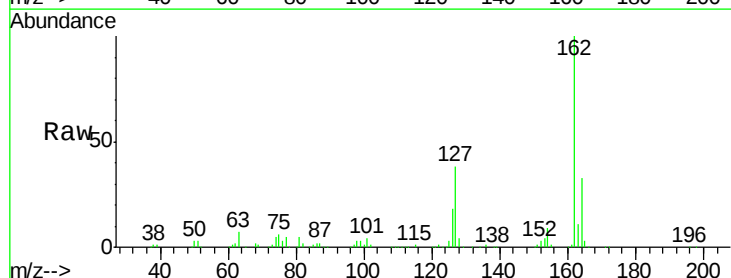
Tgt Ion:162 Resp: 393922

Ion Ratio Lower Upper

162 100

127 38.0 35.2 52.8

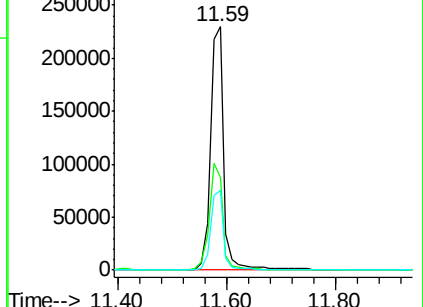
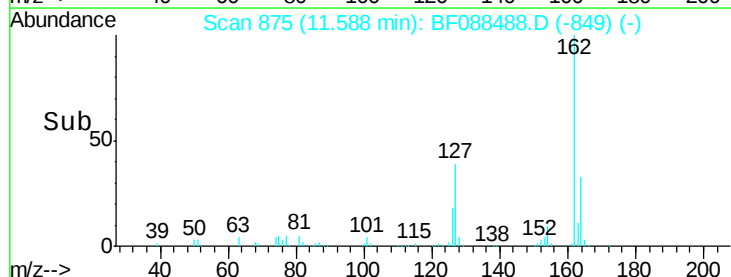
164 32.7 26.6 39.8

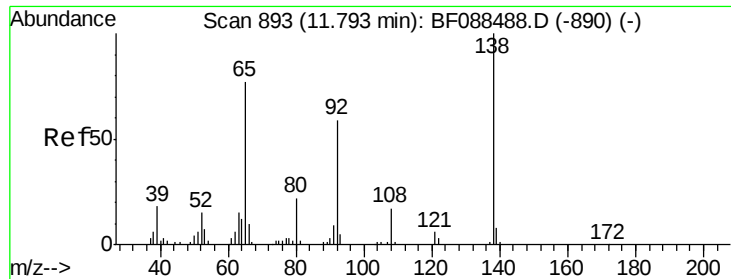


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

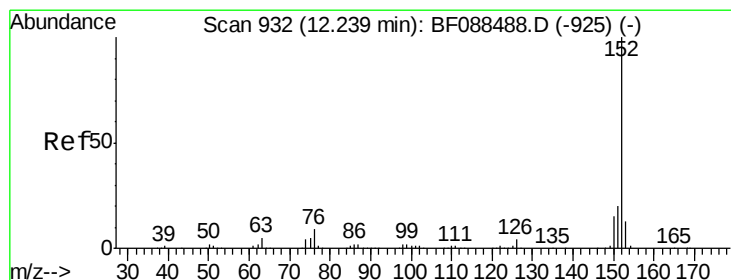
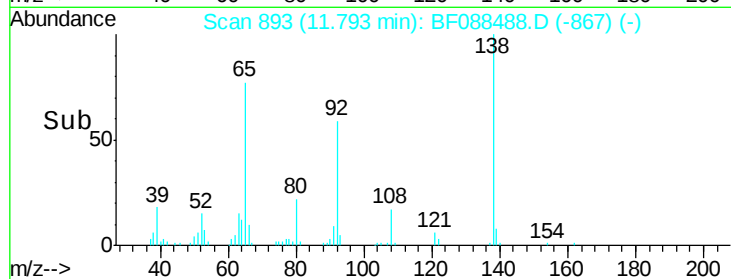
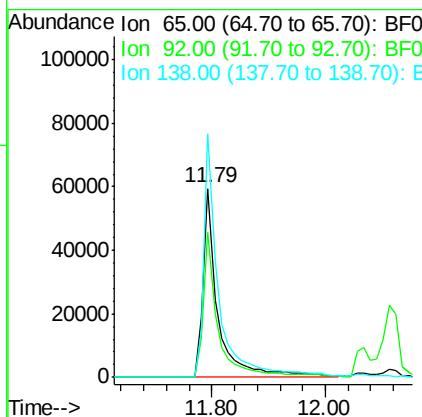
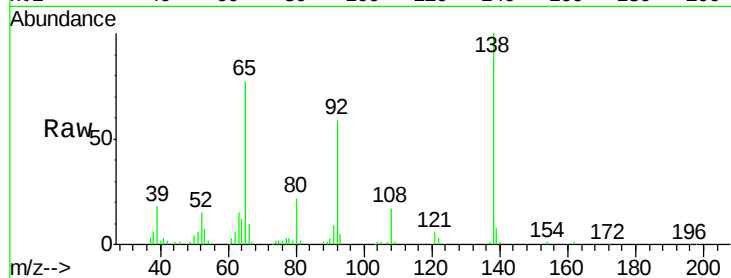




#47
2-Nitroaniline
Concen: 38.59 ng
RT: 11.79 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

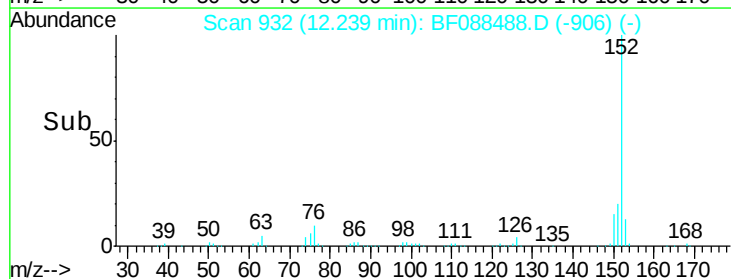
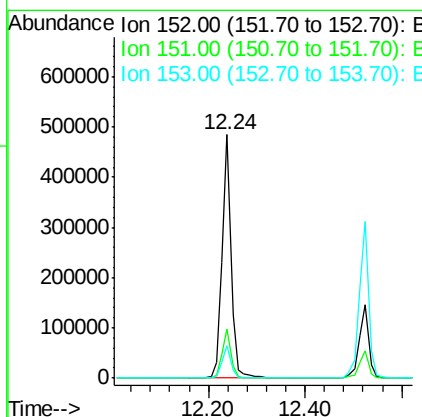
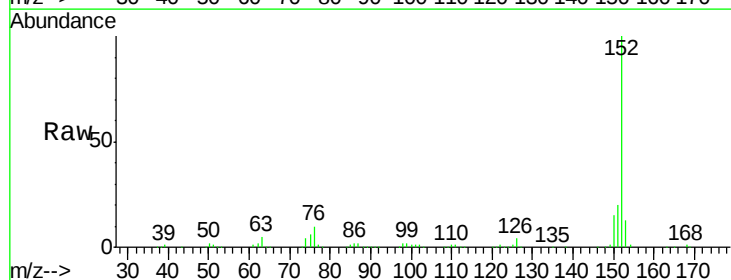
Instrument :
BNA_F
ClientSampleId :

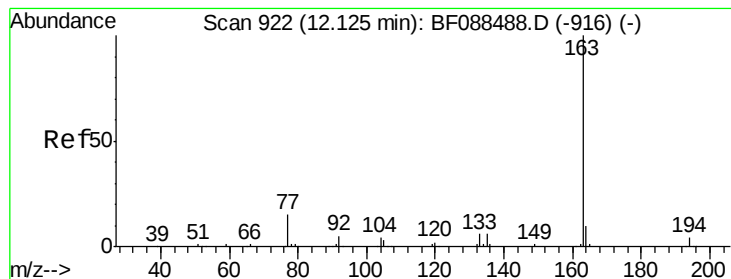
Tot Ion: 65 Resp: 106466
Ion Ratio Lower Upper
65 100
92 76.7 54.6 82.0
138 129.0 77.0 115.4#



#48
Acenaphthylene
Concen: 42.78 ng
RT: 12.24 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion: 152 Resp: 636431
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.2 11.0 16.6





#49

Dimethylphthalate

Concen: 44.37 ng

RT: 12.12 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampleId :

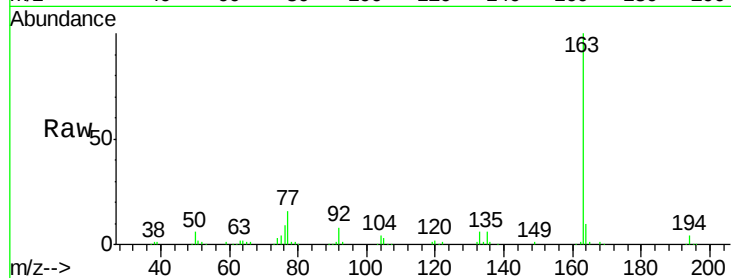
Tot Ion:163 Resp: 464502

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

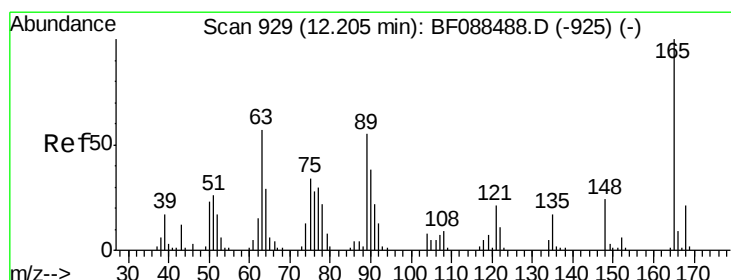
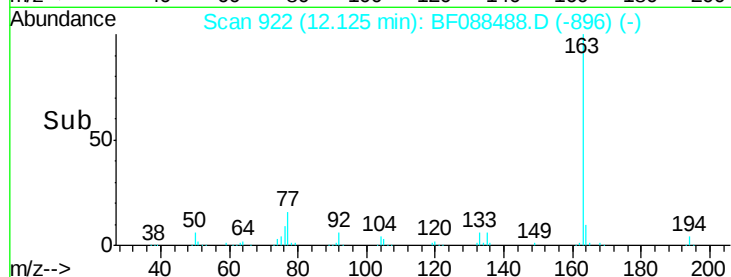
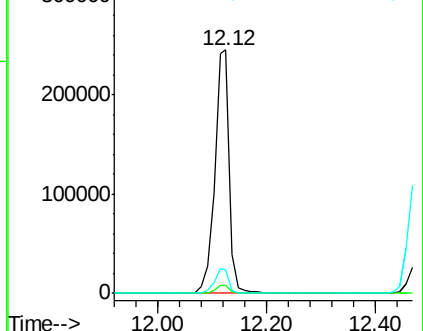
164 9.8 8.3 12.5



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: 42.45 ng

RT: 12.20 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

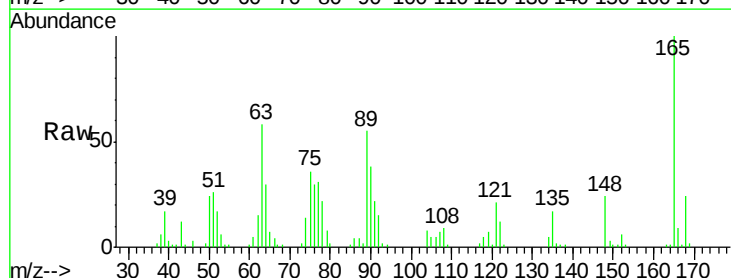
Tgt Ion:165 Resp: 101769

Ion Ratio Lower Upper

165 100

63 57.8 28.1 42.1#

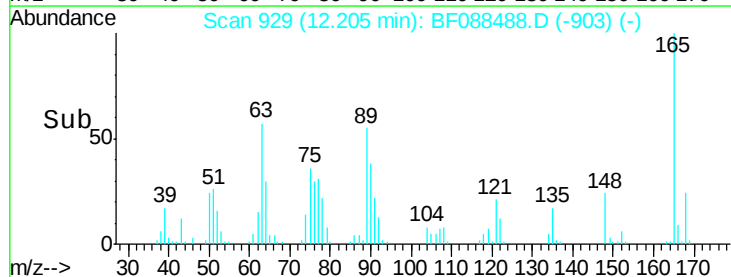
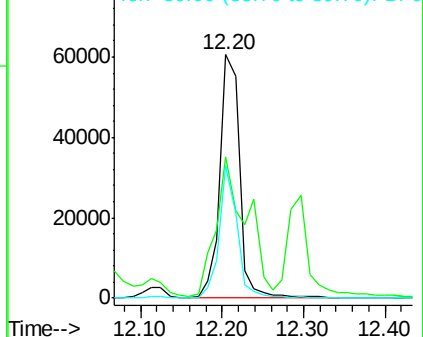
89 54.6 32.2 48.2#

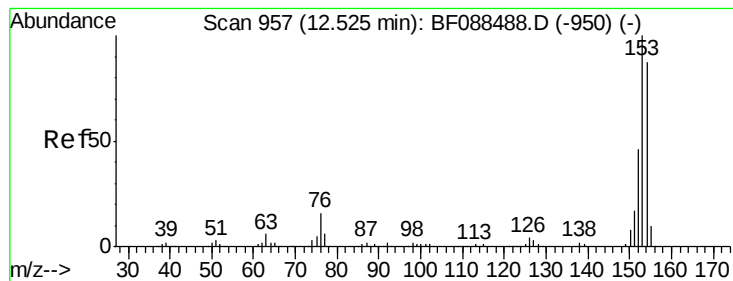


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.92 ng

RT: 12.52 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampleId :

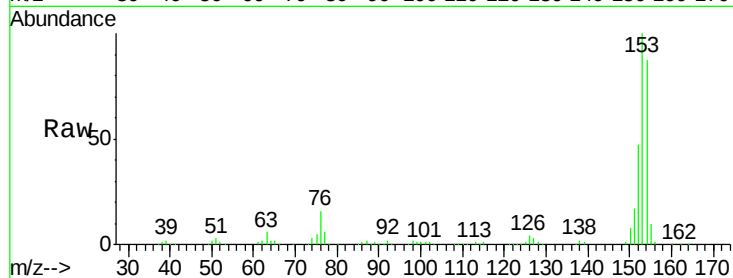
Tot Ion:154 Resp: 370453

Ion Ratio Lower Upper

154 100

153 114.6 89.5 134.3

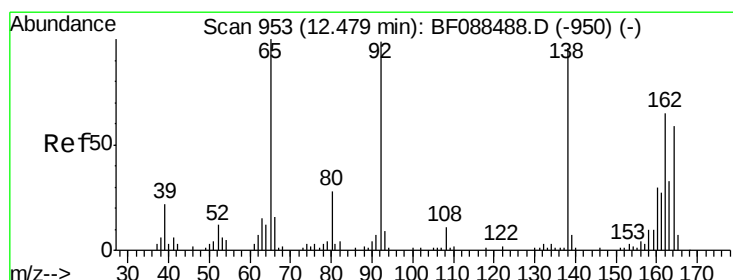
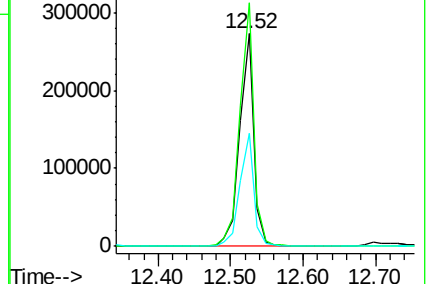
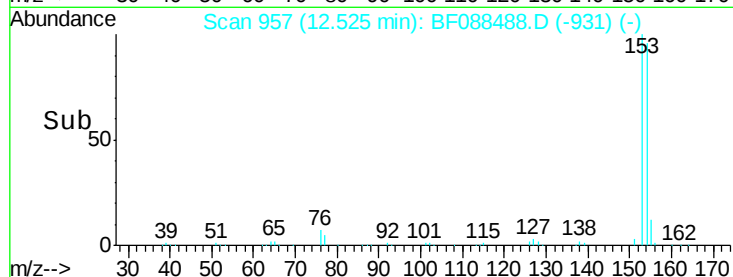
152 53.5 42.7 64.1



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: 40.85 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

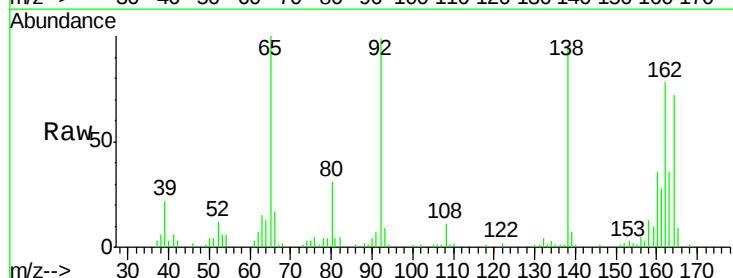
Tgt Ion:138 Resp: 113010

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

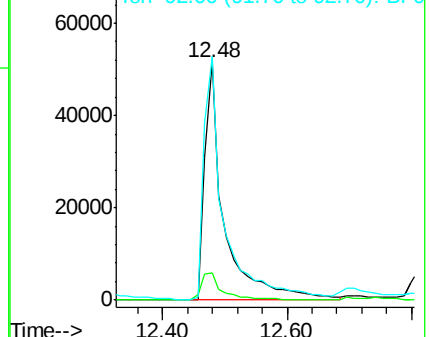
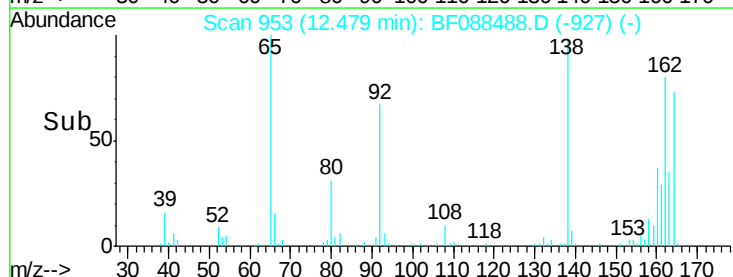
92 102.3 95.7 143.5

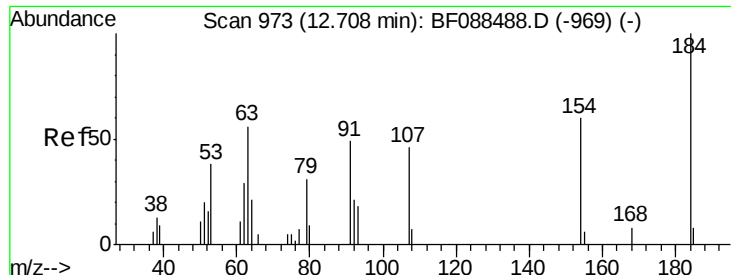


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

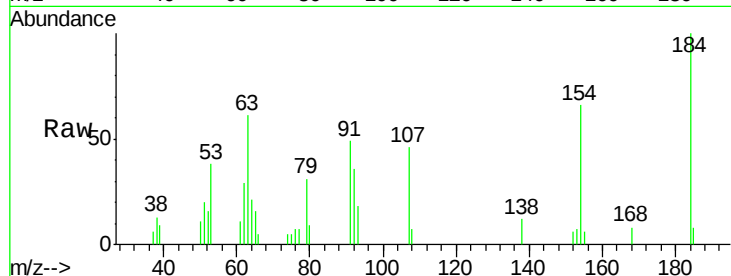




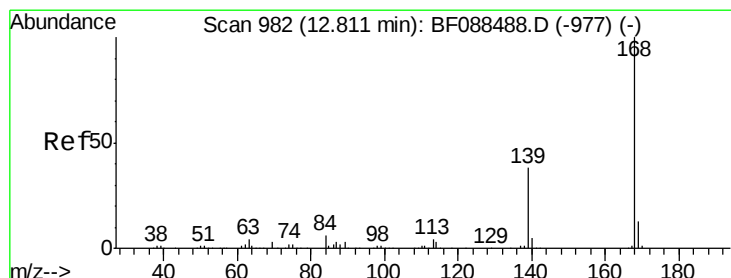
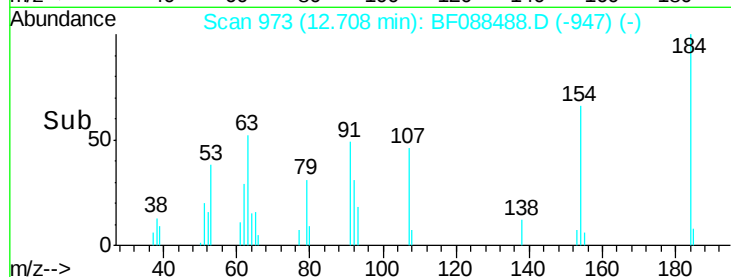
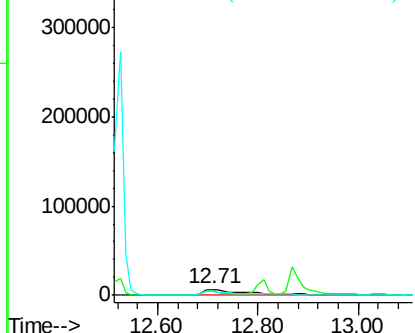
#53
2,4-Dinitrophenol
Concen: 50.43 ng
RT: 12.71 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 44493
Ion Ratio Lower Upper
184 100
63 61.2 57.6 86.4
154 66.0 53.5 80.3

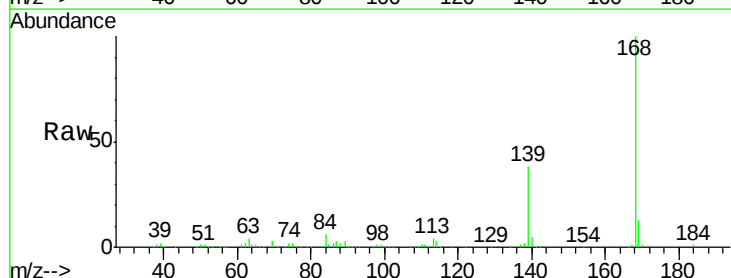


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

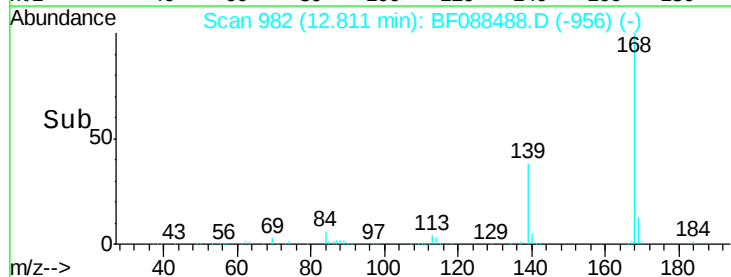
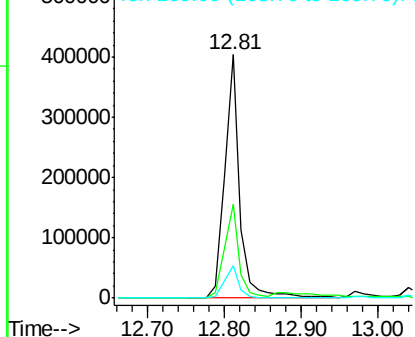


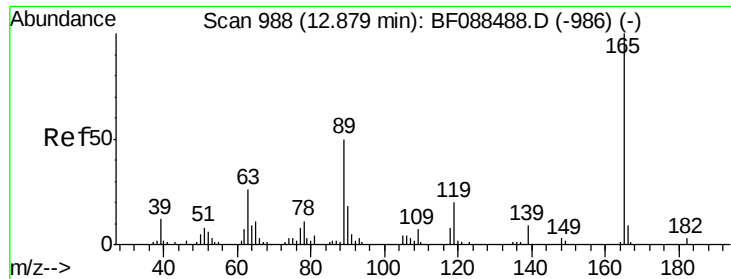
#54
Dibenzofuran
Concen: 43.44 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion:168 Resp: 555136
Ion Ratio Lower Upper
168 100
139 38.3 26.4 39.6
169 13.3 10.4 15.6



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

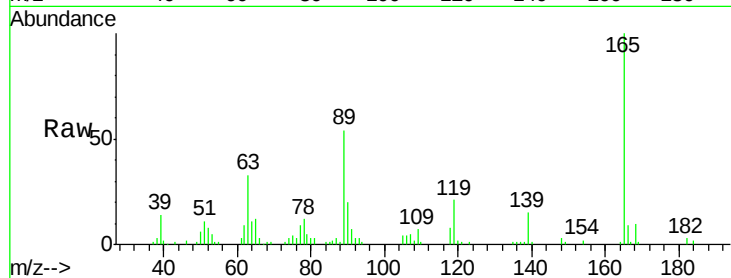




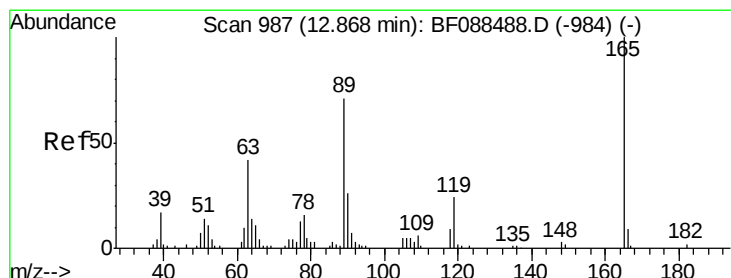
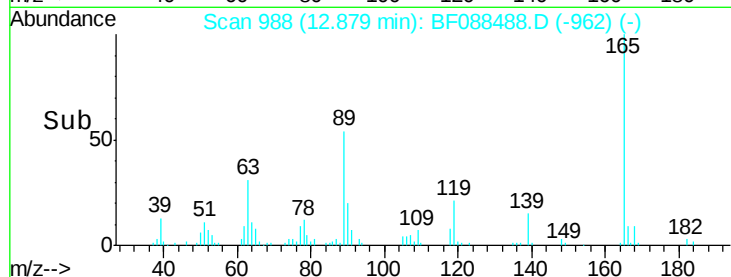
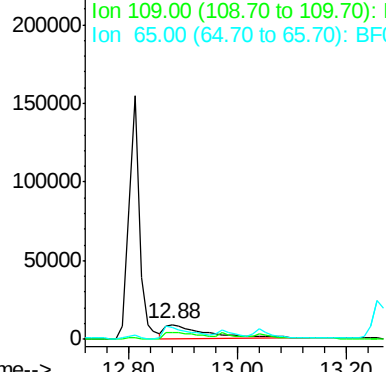
#55
4-Nitrophenol
Concen: 20.98 ng
RT: 12.88 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 45052
Ion Ratio Lower Upper
139 100
109 48.1 48.9 88.9#
65 83.7 84.9 124.9#

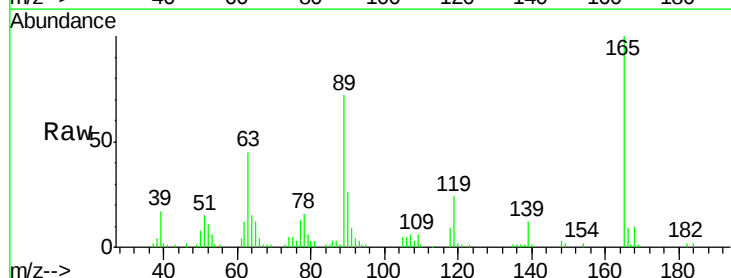


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

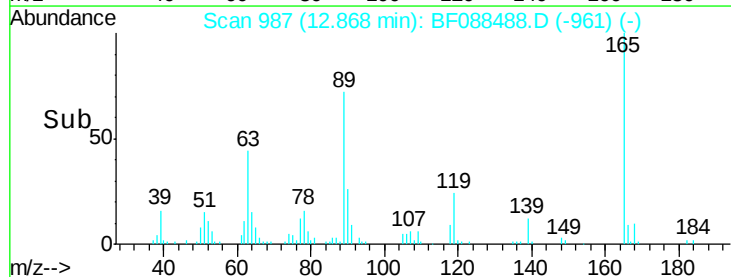
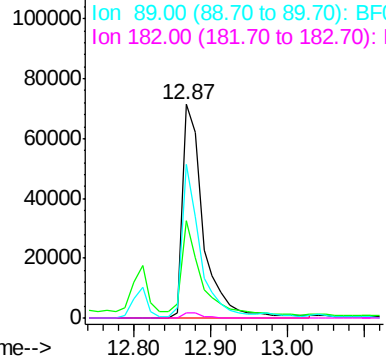


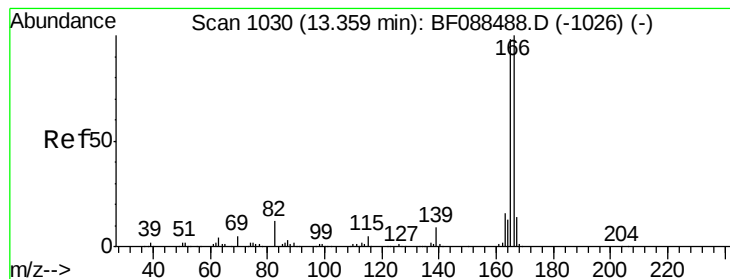
#56
2,4-Dinitrotoluene
Concen: 43.71 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion:165 Resp: 134670
Ion Ratio Lower Upper
165 100
63 45.3 22.0 33.0#
89 71.8 41.1 61.7#
182 2.2 2.0 3.0



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





#57

Fluorene

Concen: 44.72 ng

RT: 13.36 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampleId :

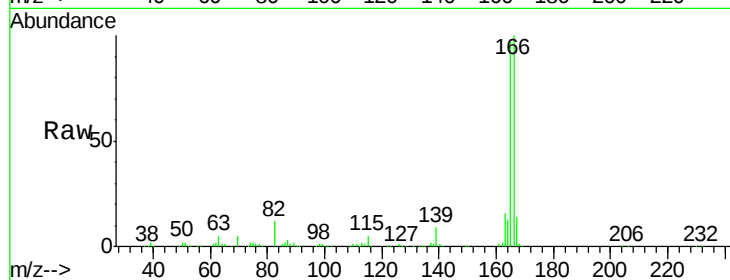
Tot Ion:166 Resp: 445401

Ion Ratio Lower Upper

166 100

165 98.3 77.8 116.8

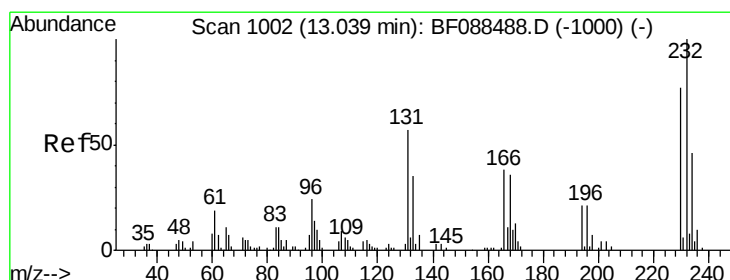
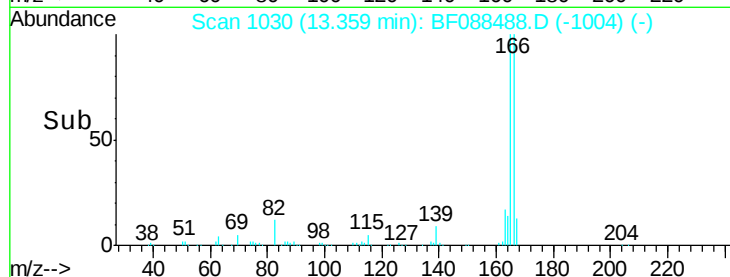
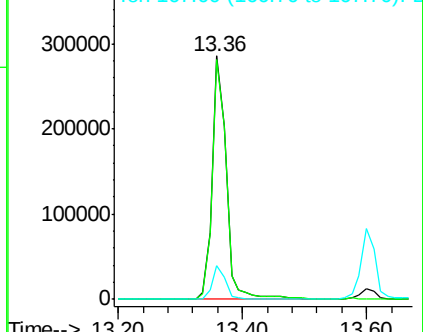
167 13.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.55 ng

RT: 13.04 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Tgt Ion:232 Resp: 95819

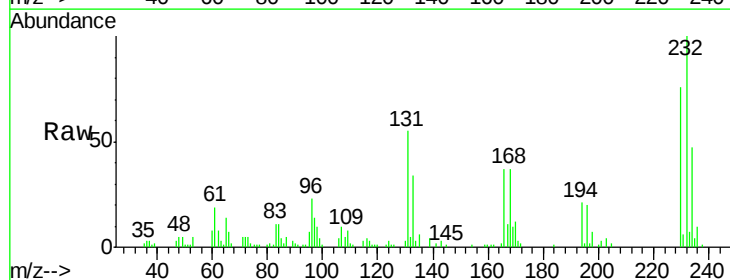
Ion Ratio Lower Upper

232 100

131 49.6 0.9 1.3#

130 1.9 1.5 2.3

166 33.5 0.5 0.7#

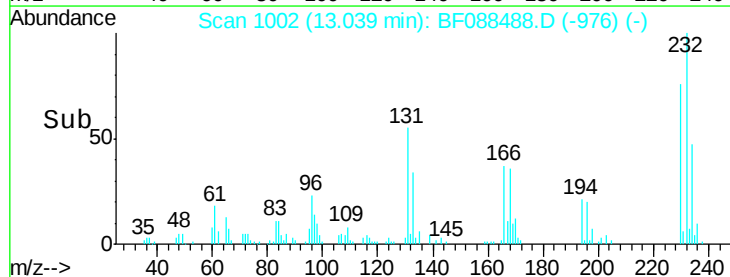
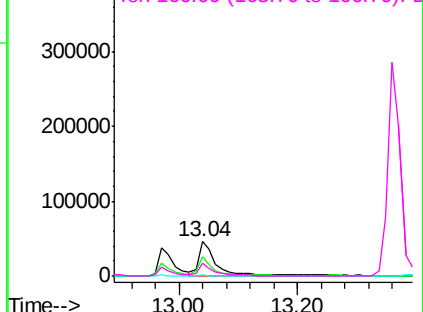


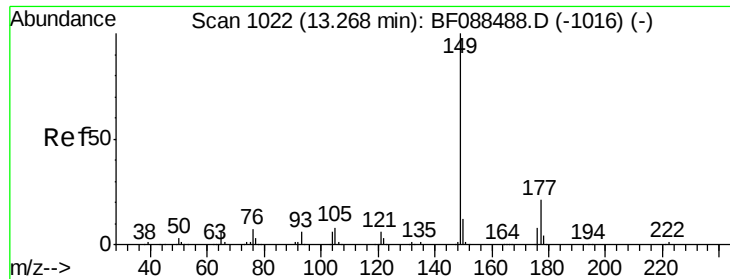
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

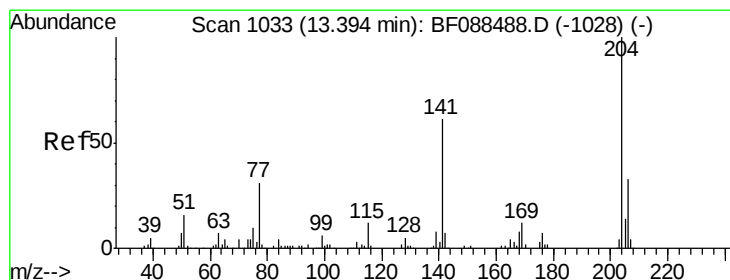
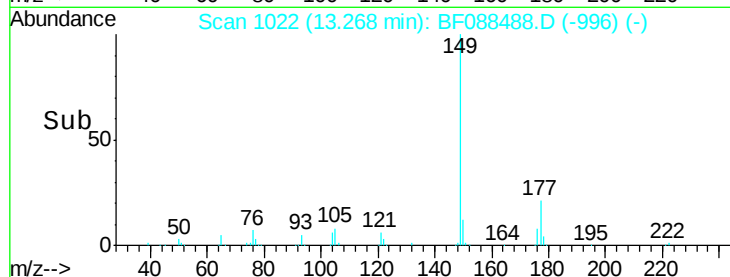
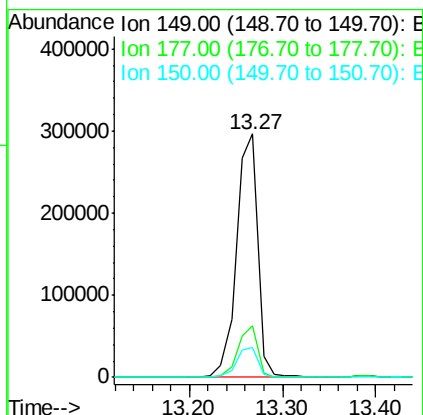
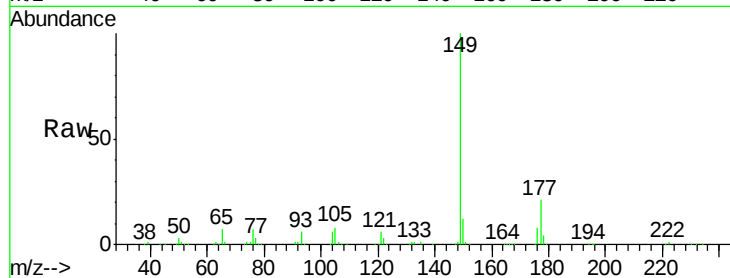




#59
Diethylphthalate
Concen: 44.45 ng
RT: 13.27 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

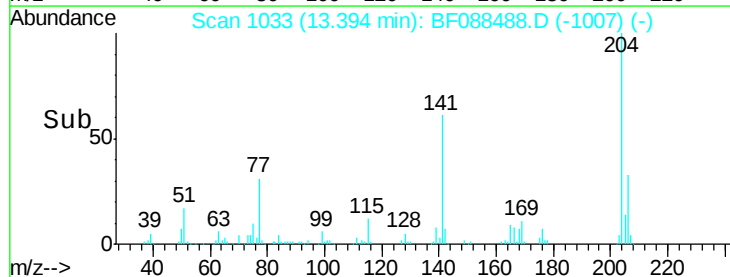
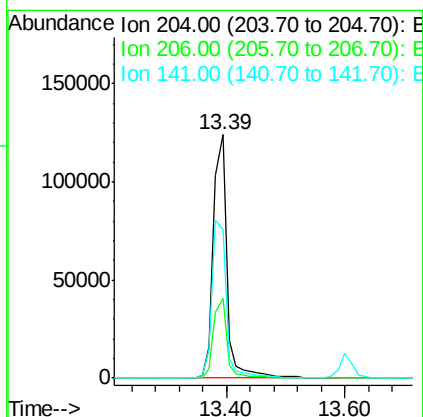
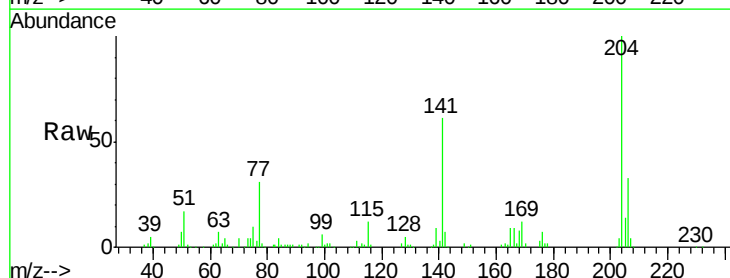
Instrument :
BNA_F
ClientSampleId :

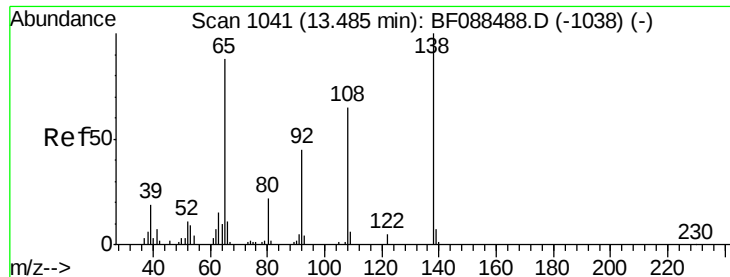
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.9	25.3
150	12.1	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.38 ng
RT: 13.39 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	61.4	55.0	82.6

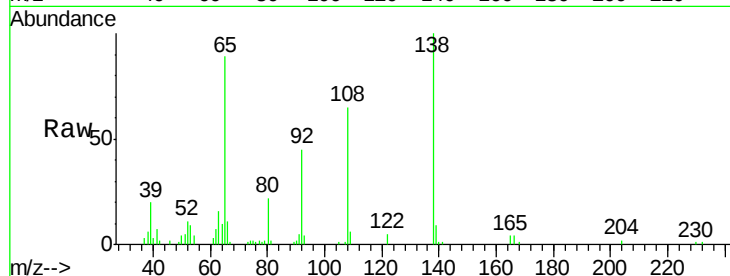




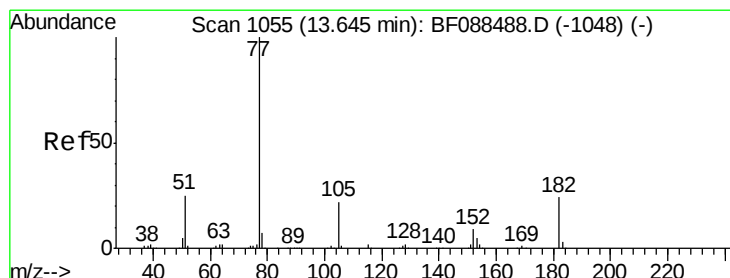
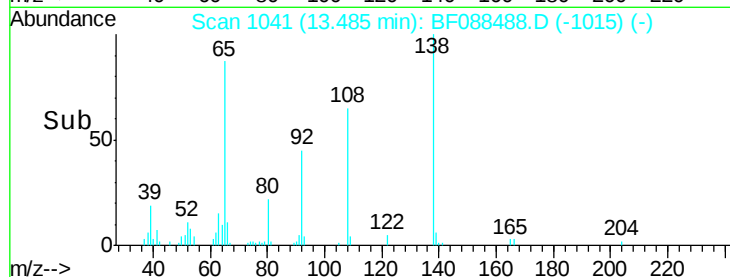
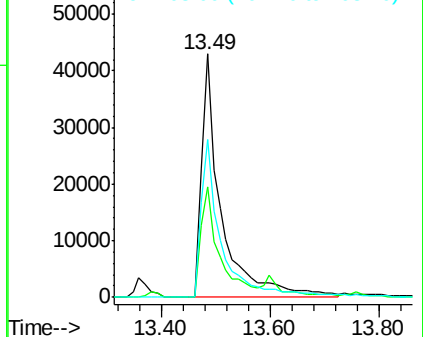
#61
4-Nitroaniline
Concen: 40.56 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 106421
Ion Ratio Lower Upper
138 100
92 45.4 27.3 67.3
108 64.7 46.7 86.7

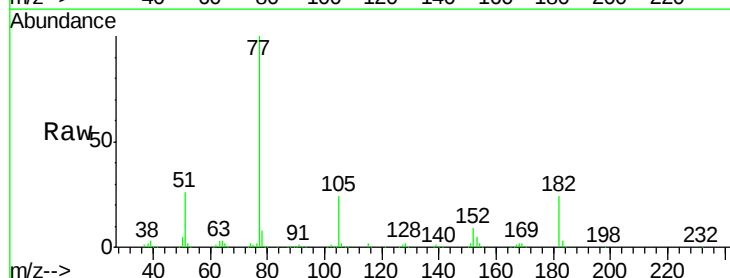


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

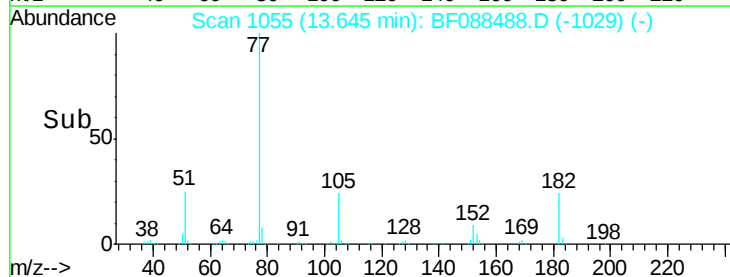
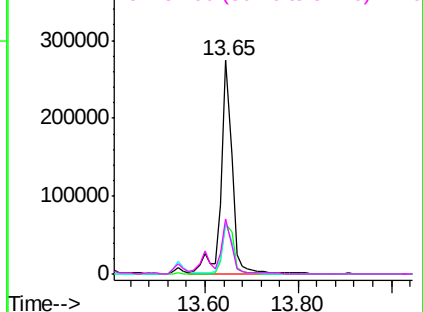


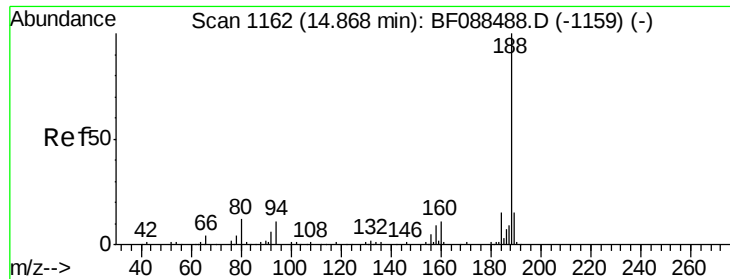
#62
Azobenzene
Concen: 41.55 ng
RT: 13.65 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion: 77 Resp: 435420
Ion Ratio Lower Upper
77 100
182 23.6 4.4 44.4
105 23.8 3.8 43.8
51 25.9 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

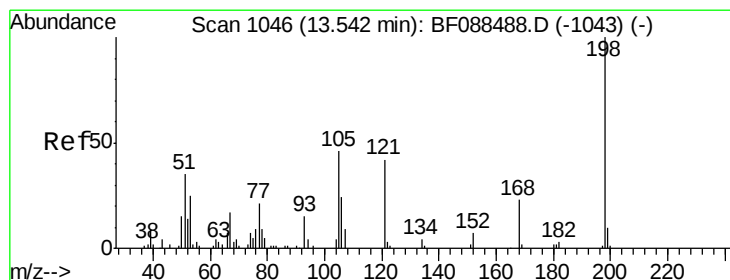
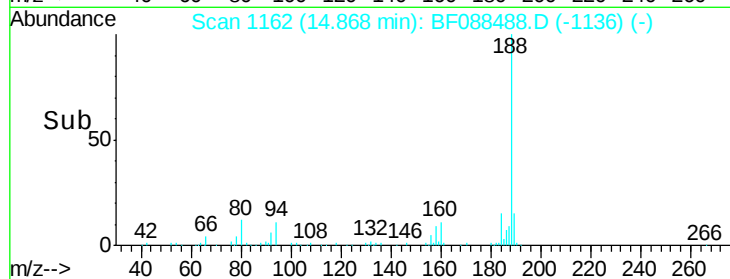
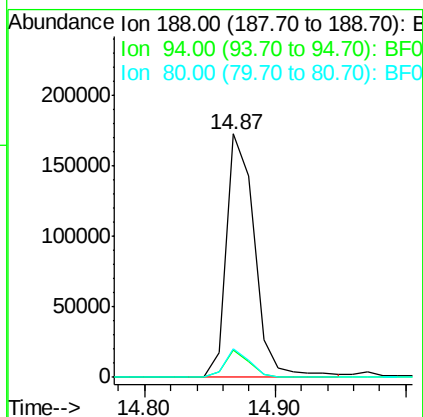
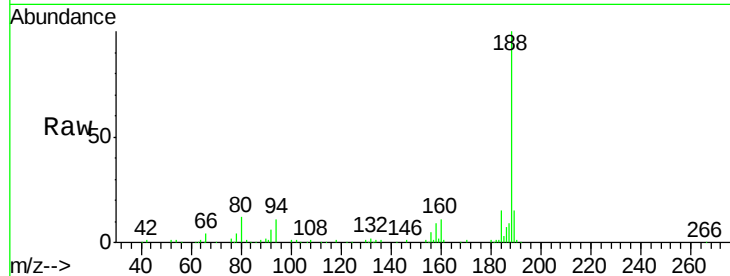




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

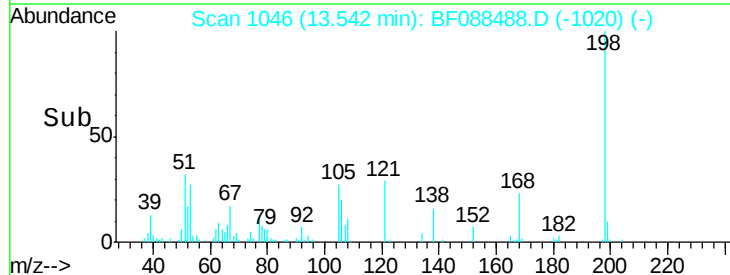
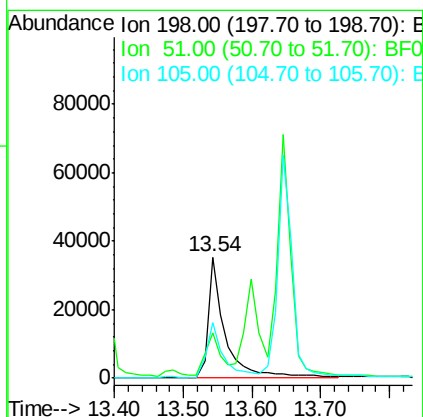
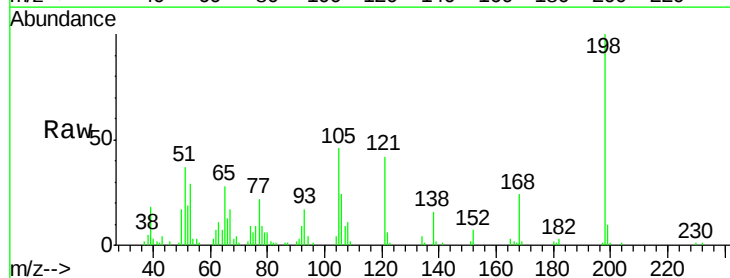
Instrument :
BNA_F
ClientSampleId :

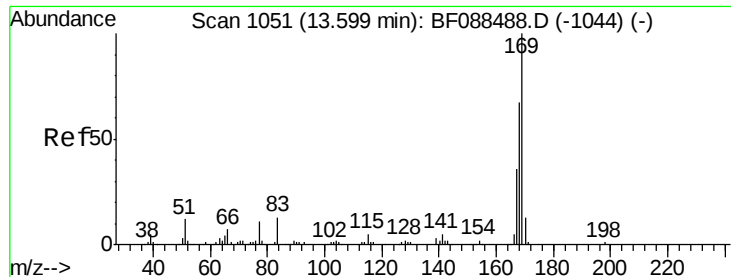
Tot Ion:188 Resp: 259392
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.6
80 11.9 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 44.04 ng
RT: 13.54 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion:198 Resp: 61443
Ion Ratio Lower Upper
198 100
51 37.0 39.6 79.6#
105 45.9 36.6 76.6

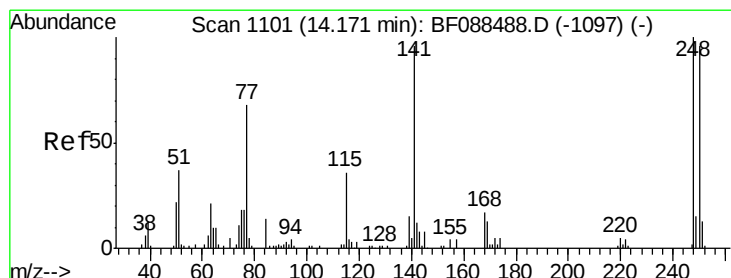
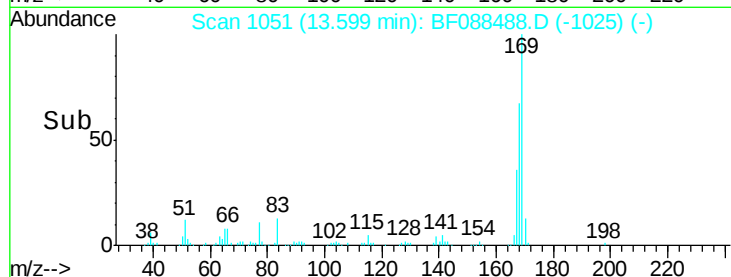
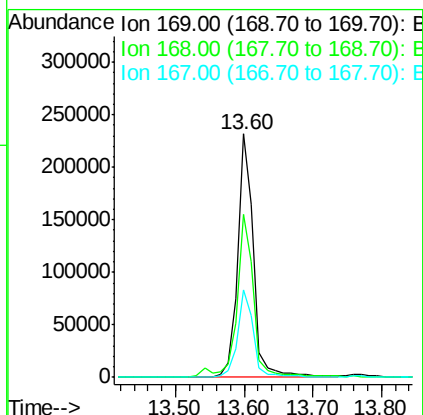
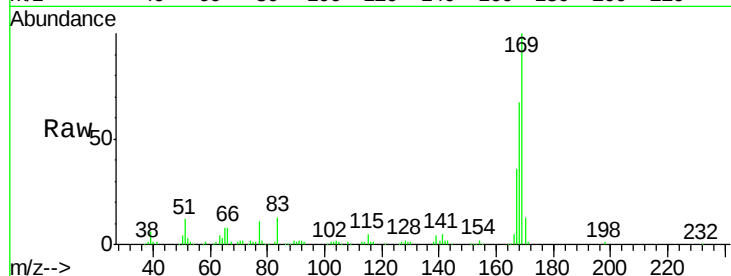




#65
 n-Nitrosodiphenylamine
 Concen: 43.69 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

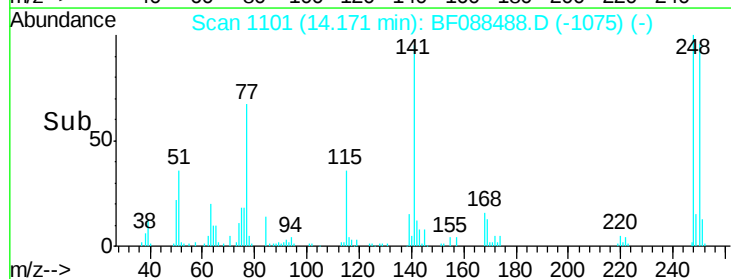
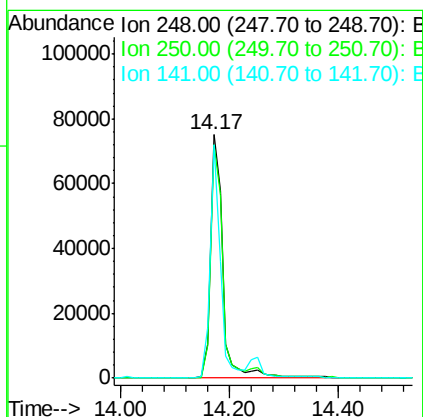
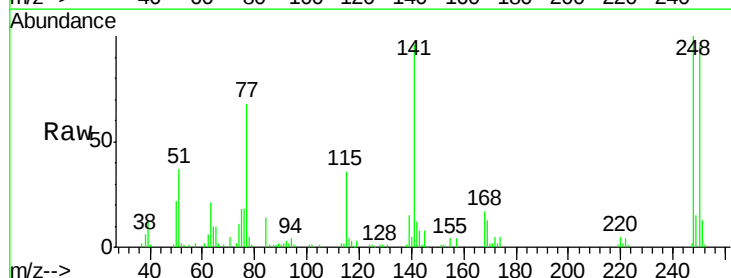
Instrument :
 BNA_F
 ClientSampleId :

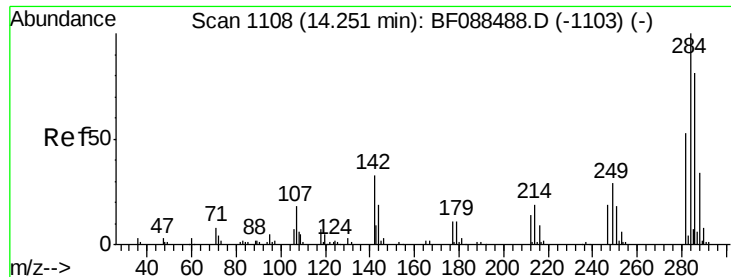
Tot Ion:169 Resp: 376033
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.4 80.0
 167 35.9 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 42.87 ng
 RT: 14.17 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Tgt Ion:248 Resp: 119291
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.1 115.7
 141 95.7 50.6 76.0#





#67

Hexachlorobenzene

Concen: 42.42 ng

RT: 14.25 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampleId :

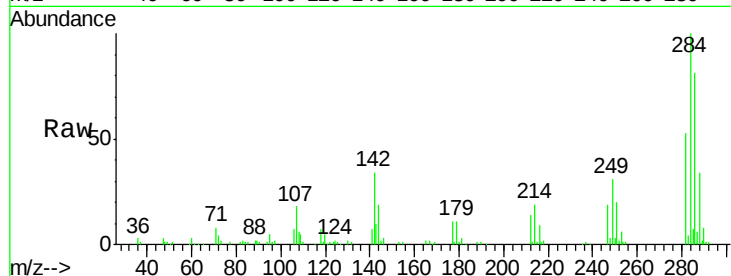
Tot Ion:284 Resp: 122651

Ion Ratio Lower Upper

284 100

142 33.5 35.8 53.8#

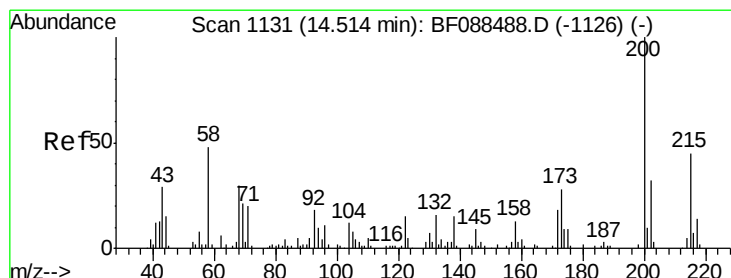
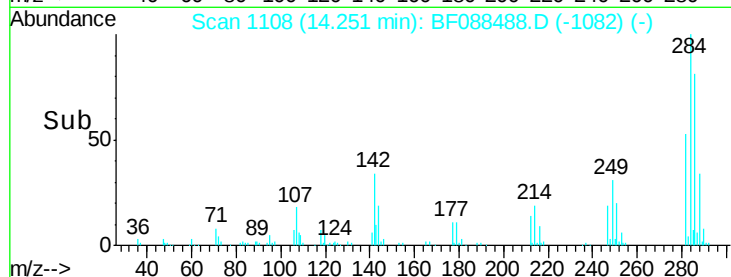
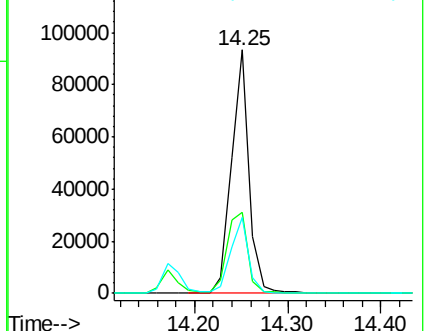
249 31.2 25.8 38.6



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: 42.19 ng

RT: 14.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

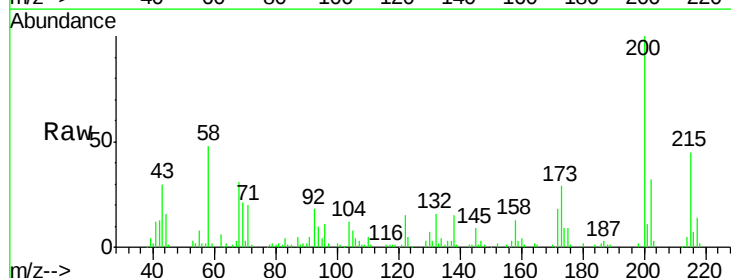
Tgt Ion:200 Resp: 109970

Ion Ratio Lower Upper

200 100

173 29.1 4.0 44.0

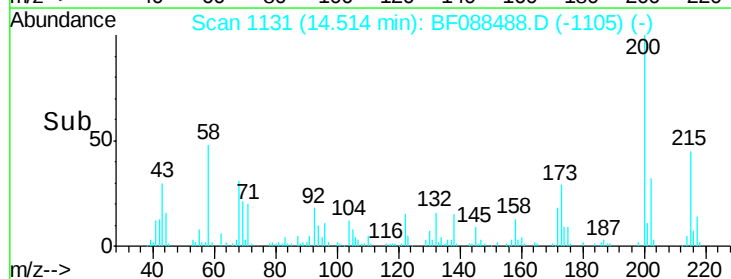
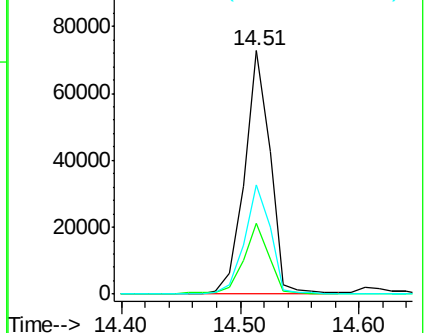
215 44.8 29.3 69.3

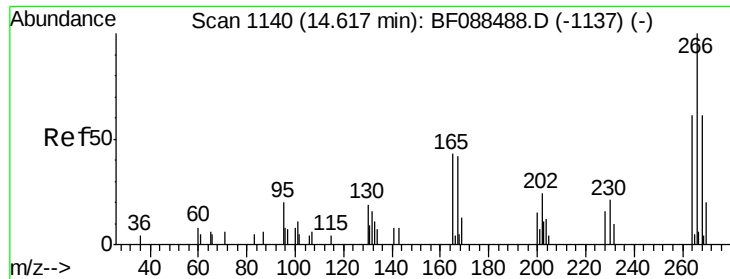


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

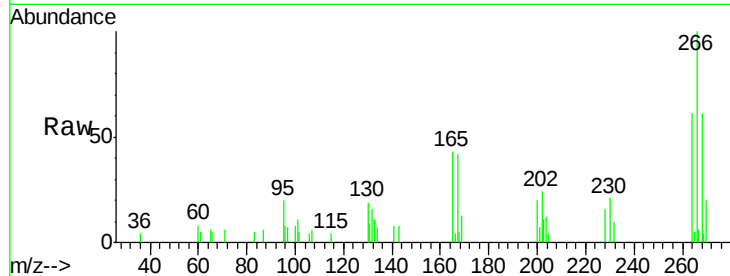




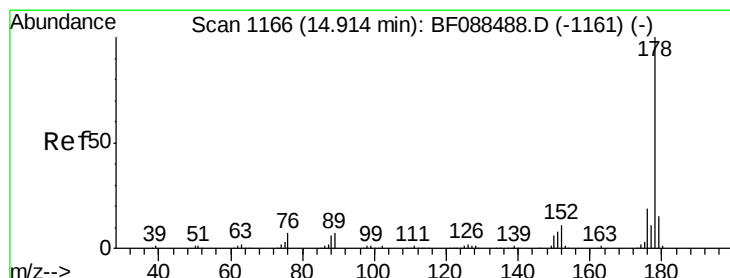
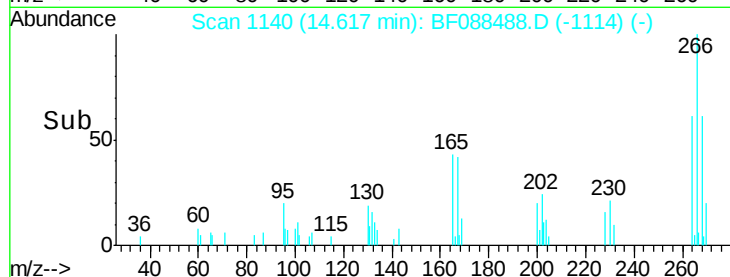
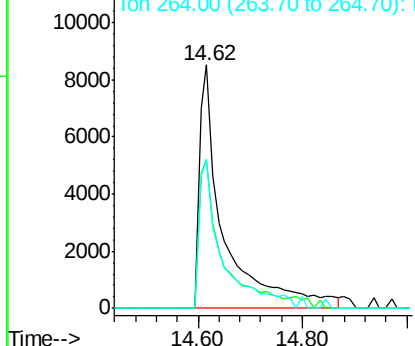
#69
 Pentachlorophenol
 Concen: 18.11 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 27599
 Ion Ratio Lower Upper
 266 100
 268 61.4 52.8 79.2
 264 61.3 49.6 74.4

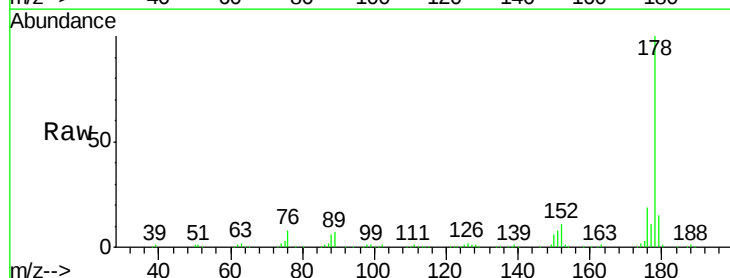


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

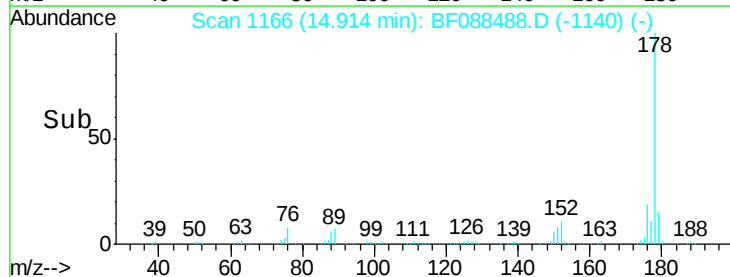
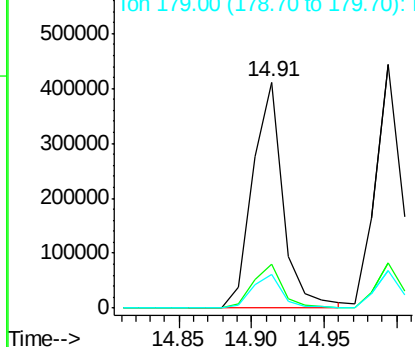


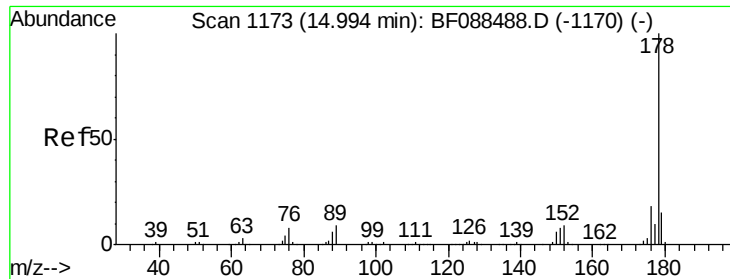
#70
 Phenanthrene
 Concen: 43.99 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Tgt Ion:178 Resp: 598726
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 15.1 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

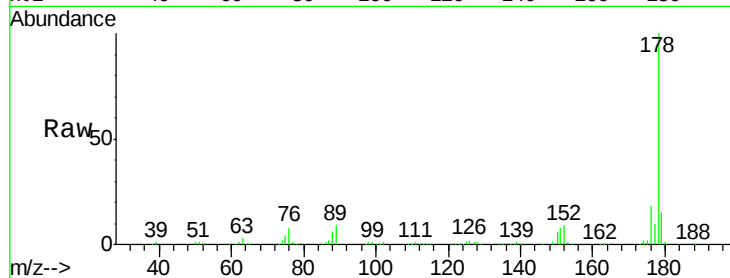




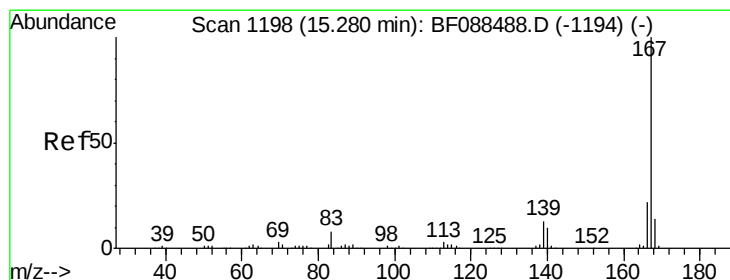
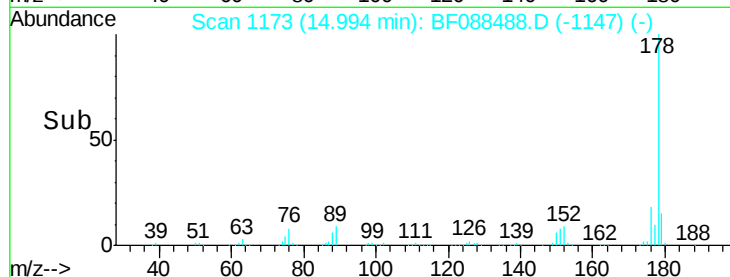
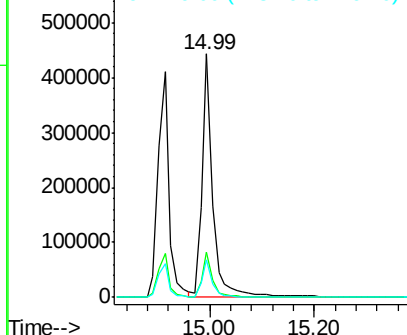
#71
 Anthracene
 Concen: 46.39 ng
 RT: 14.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 636978
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.6 23.4
 179 15.4 12.8 19.2

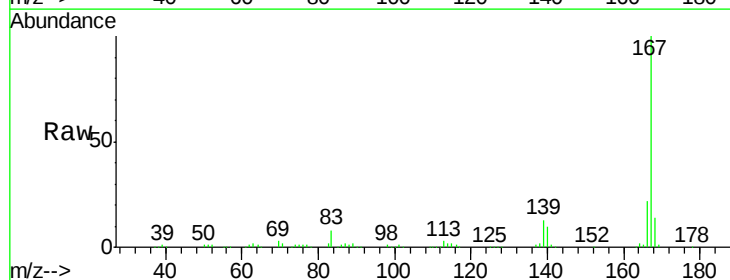


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

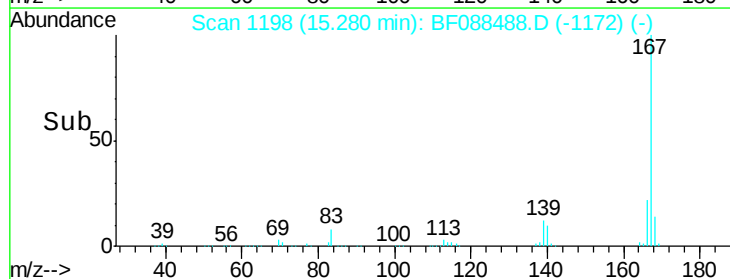
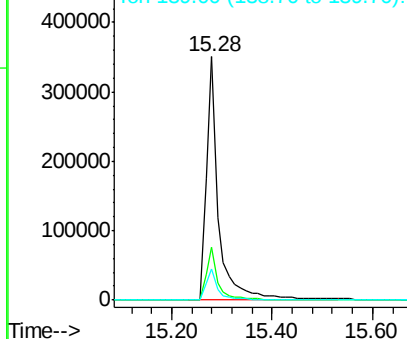


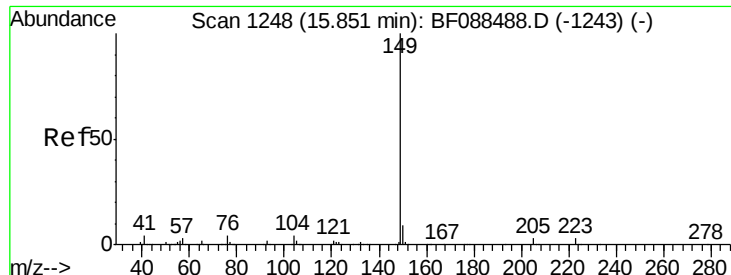
#72
 Carbazole
 Concen: 45.72 ng
 RT: 15.28 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Tgt Ion:167 Resp: 587481
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 12.8 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: 43.83 ng

RT: 15.85 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampleId :

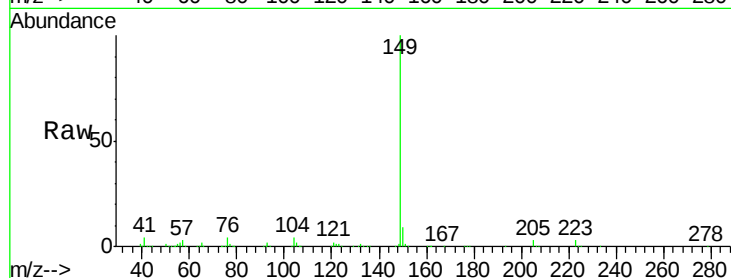
Tot Ion:149 Resp: 712927

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

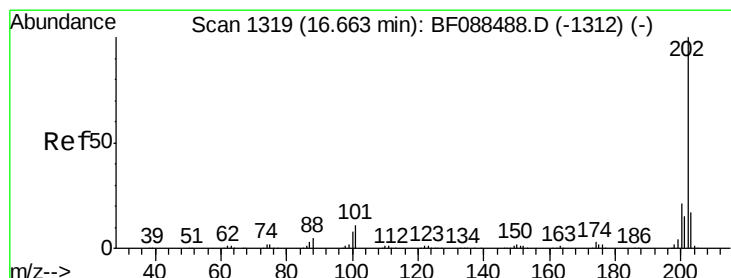
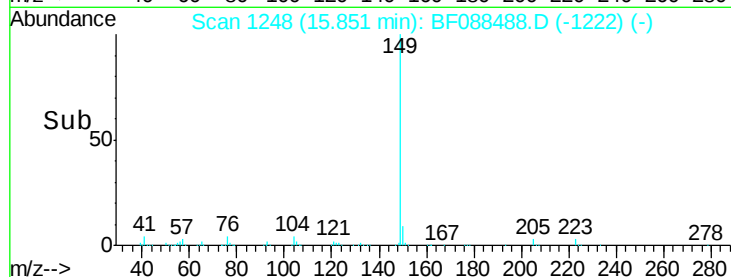
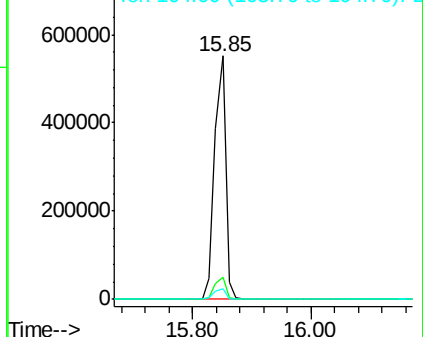
104 4.2 4.0 6.0



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: 42.52 ng

RT: 16.66 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

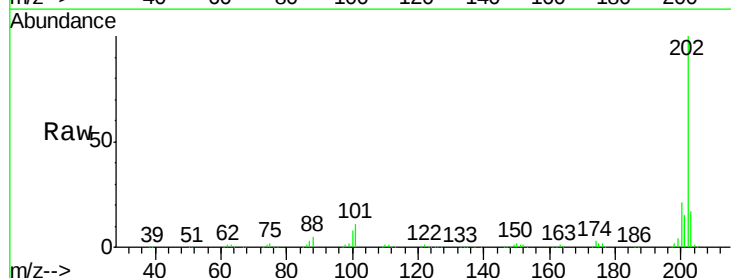
Tgt Ion:202 Resp: 610759

Ion Ratio Lower Upper

202 100

101 11.2 0.0 33.1

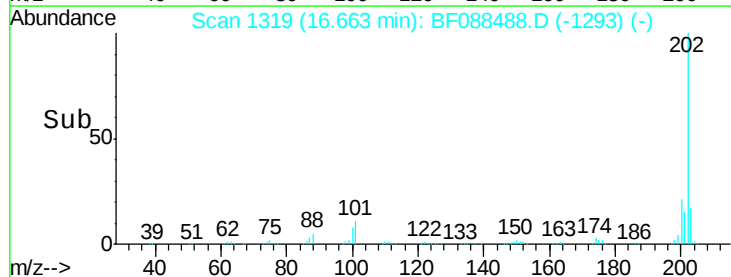
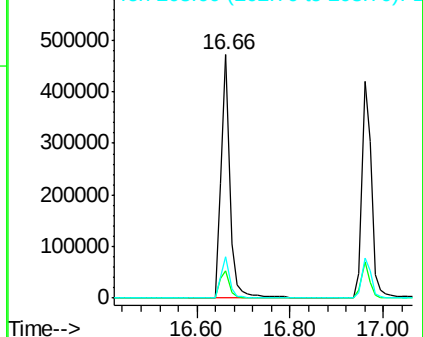
203 17.2 0.0 38.1

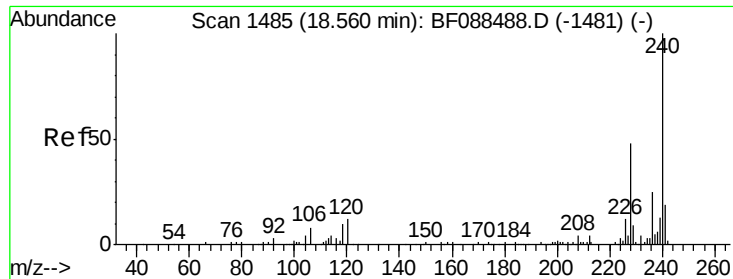


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

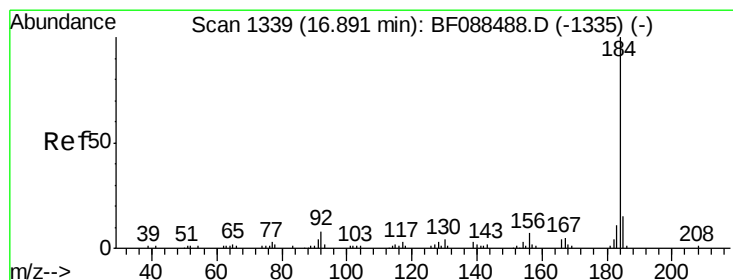
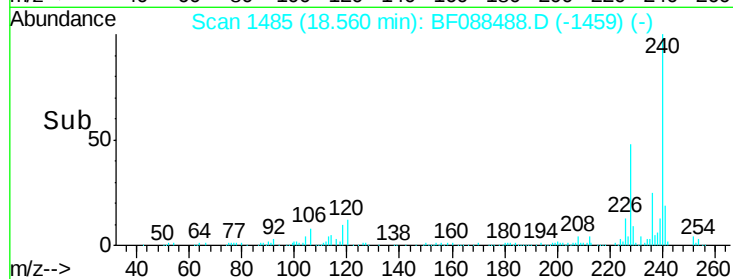
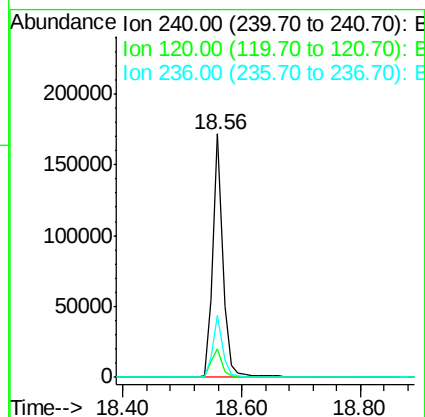
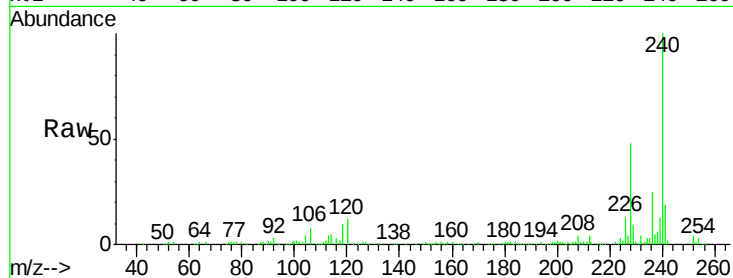




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.56 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

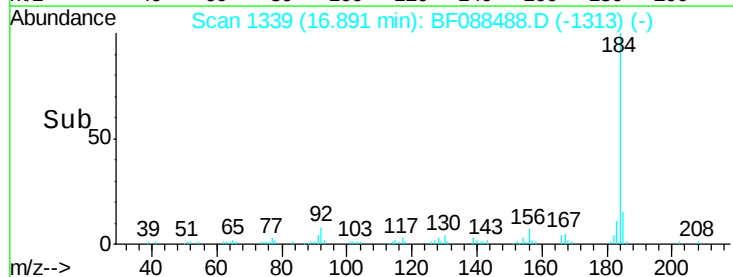
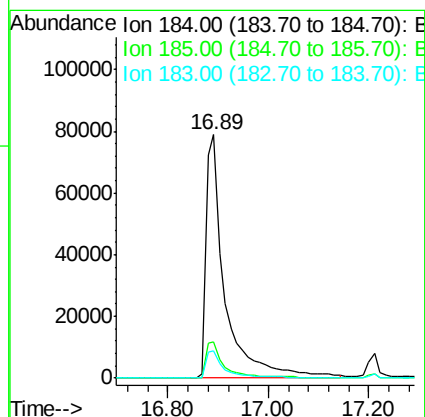
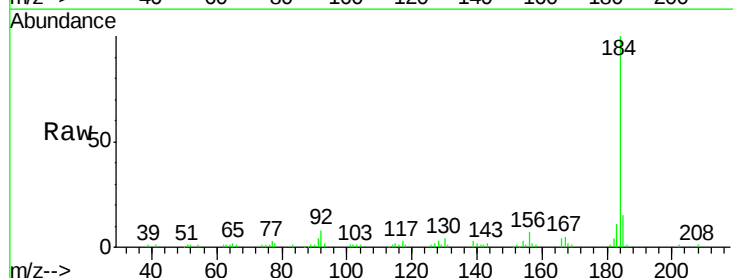
Instrument :
 BNA_F
 ClientSampleId :

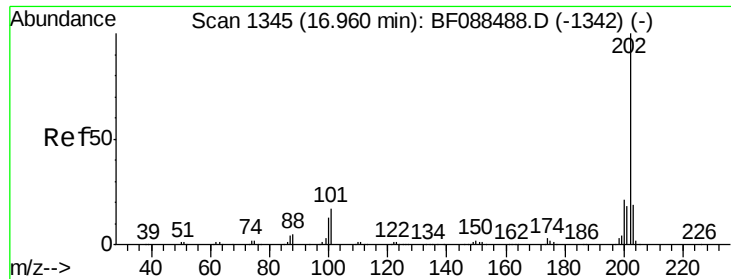
Tot Ion:240 Resp: 205695
 Ion Ratio Lower Upper
 240 100
 120 11.9 6.8 10.2#
 236 25.4 20.2 30.2



#76
 Benzidine
 Concen: 36.18 ng
 RT: 16.89 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Tgt Ion:184 Resp: 206041
 Ion Ratio Lower Upper
 184 100
 185 15.1 12.5 18.7
 183 11.4 9.3 13.9

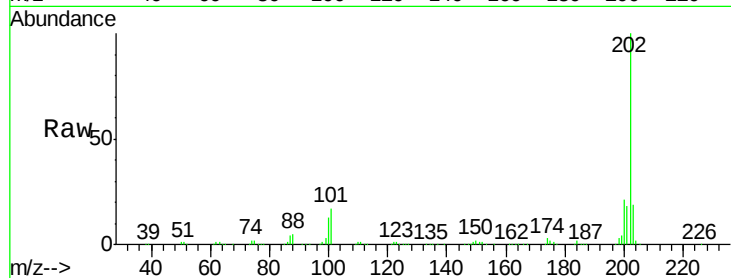




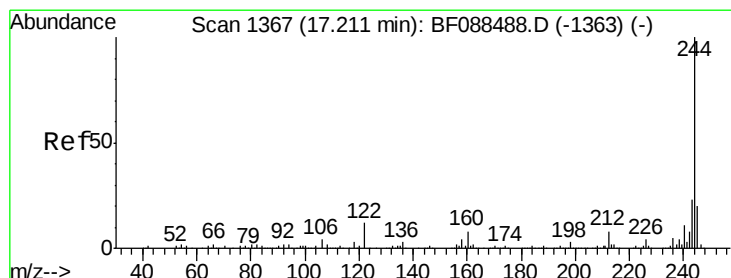
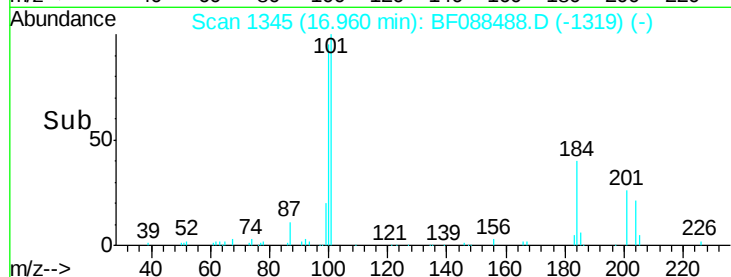
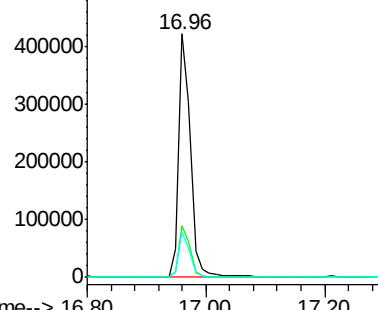
#77
Pvrene
Concen: 38.56 ng
RT: 16.96 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 588558
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 18.7 14.5 21.7

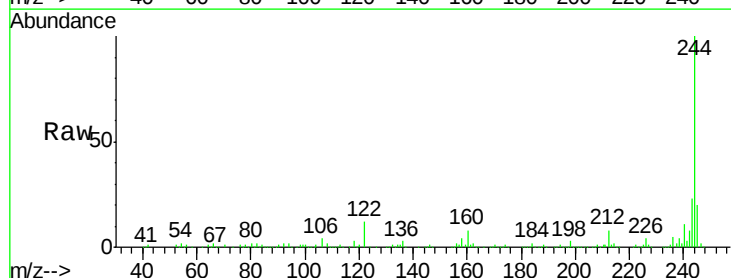


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

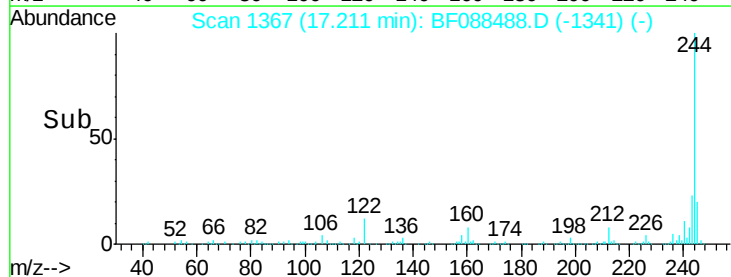
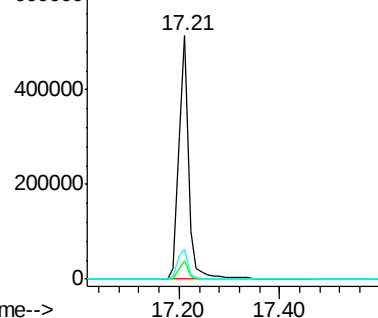


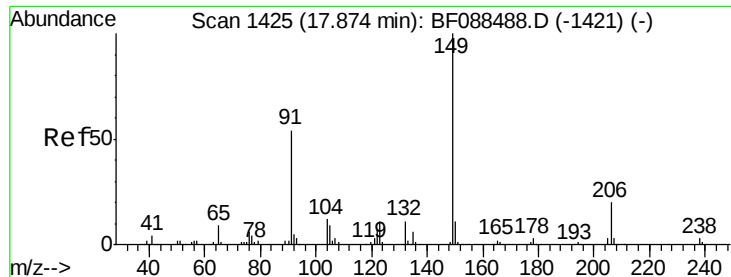
#78
Terphenyl-d14
Concen: 77.60 ng
RT: 17.21 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion:244 Resp: 701448
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.3 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

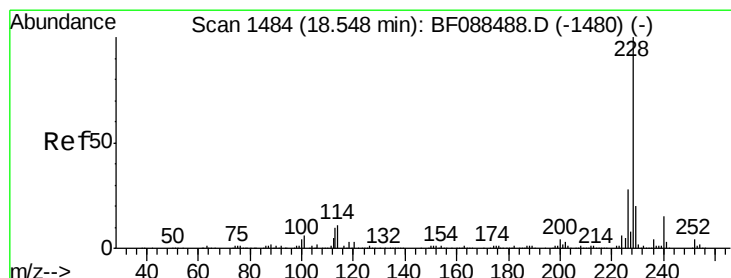
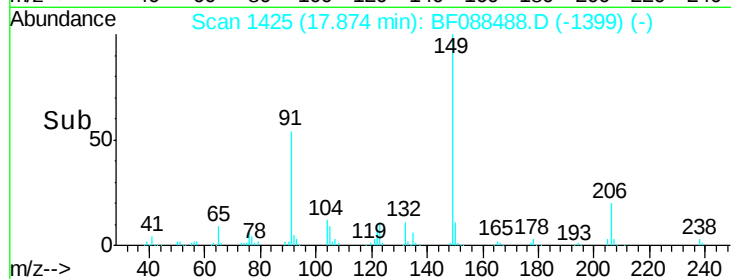
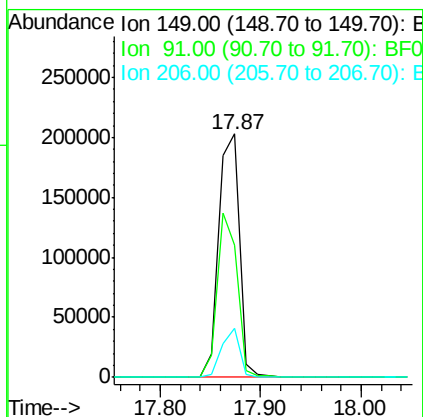
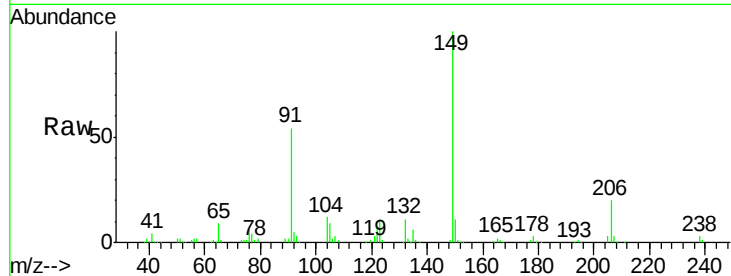




#79
Butylbenzylphthalate
Concen: 43.18 ng
RT: 17.87 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

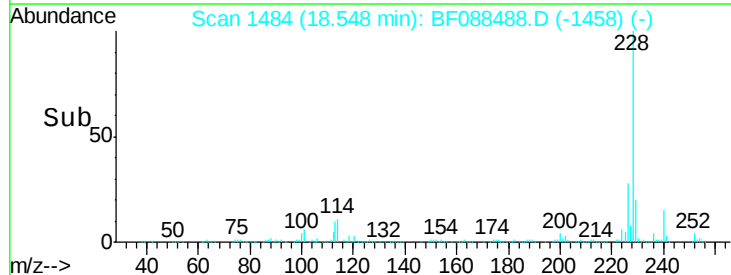
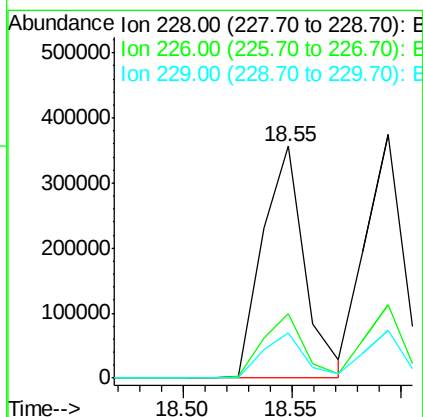
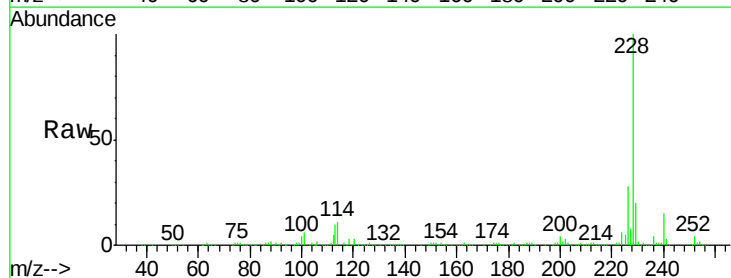
Instrument :
BNA_F
ClientSampleId :

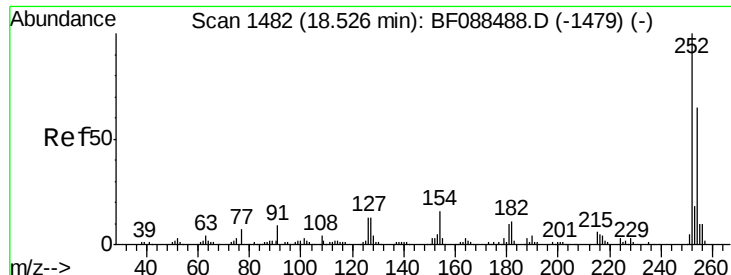
Tot Ion	Ratio	Lower	Upper
149	100		
91	54.2	48.0	72.0
206	20.1	16.0	24.0



#80
Benzo(a)anthracene
Concen: 41.00 ng
RT: 18.55 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	19.7	16.0	24.0

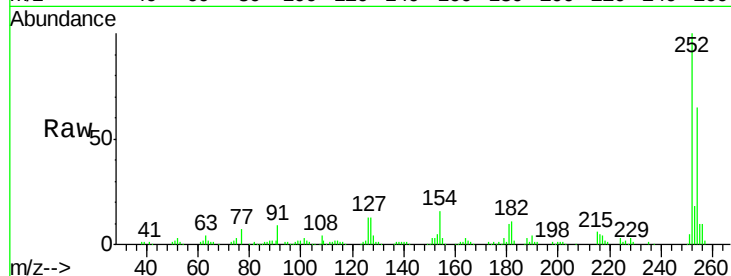




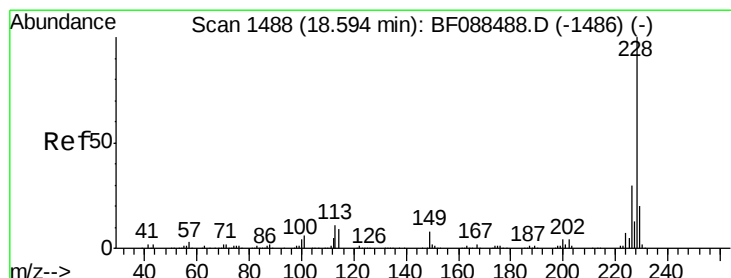
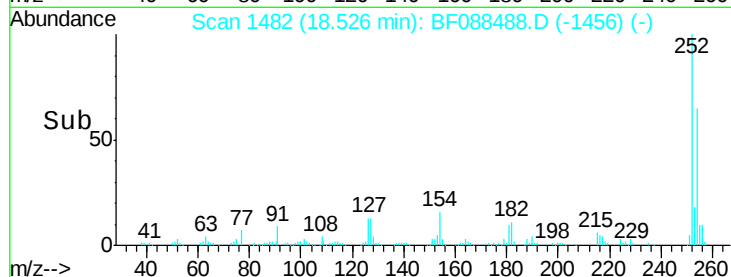
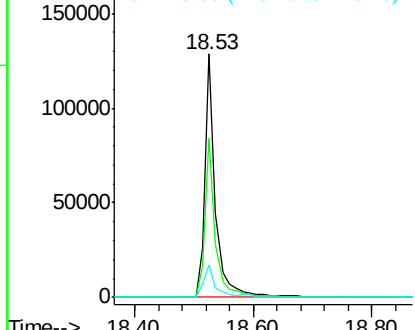
#81
 3,3'-Dichlorobenzidine
 Concen: 51.96 ng
 RT: 18.53 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 163791
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.6 78.8
 126 13.3 6.2 9.2#

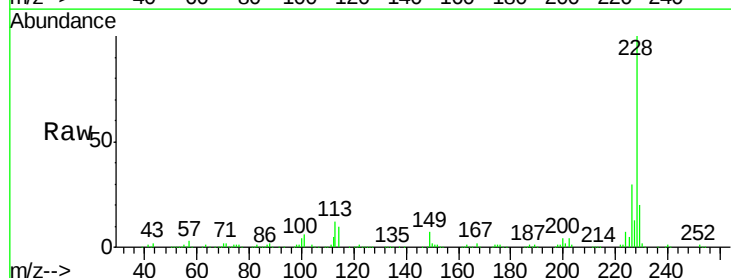


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

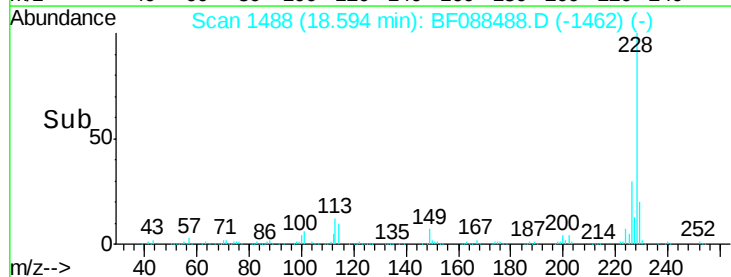
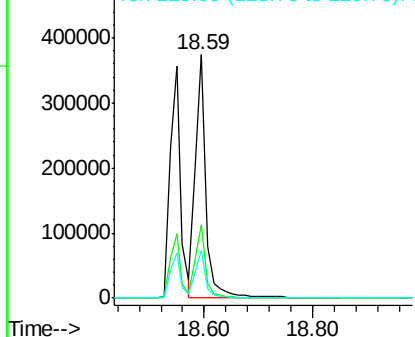


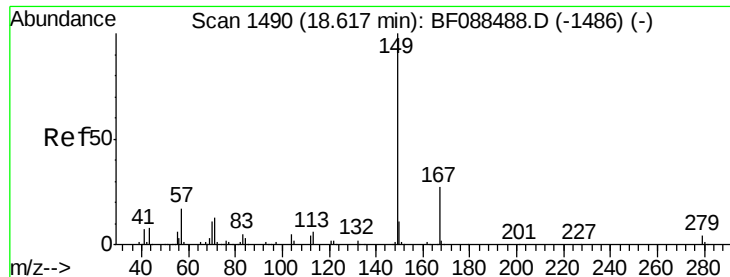
#82
 Chrysene
 Concen: 45.02 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Tgt Ion:228 Resp: 496499
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.4 38.2
 229 19.6 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: 49.38 ng

RT: 18.62 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampleId :

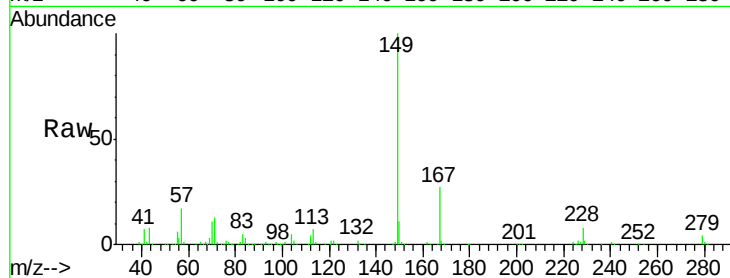
Tot Ion:149 Resp: 405659

Ion Ratio Lower Upper

149 100

167 27.1 20.5 30.7

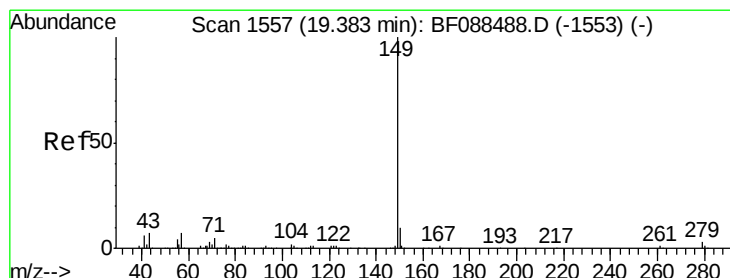
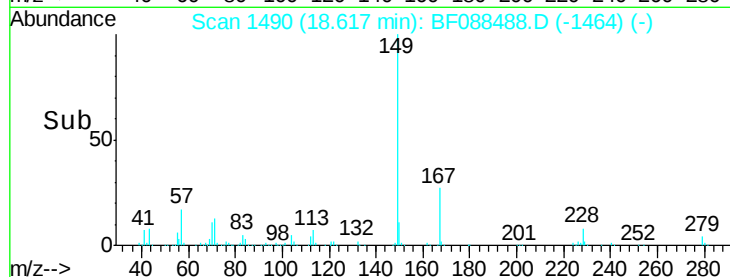
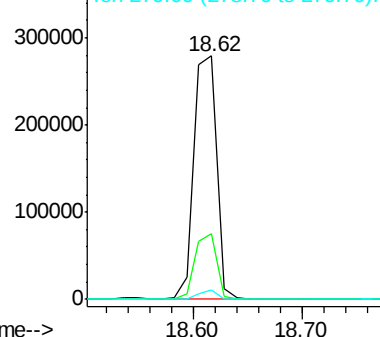
279 3.9 2.0 3.0#



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: 47.91 ng

RT: 19.38 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

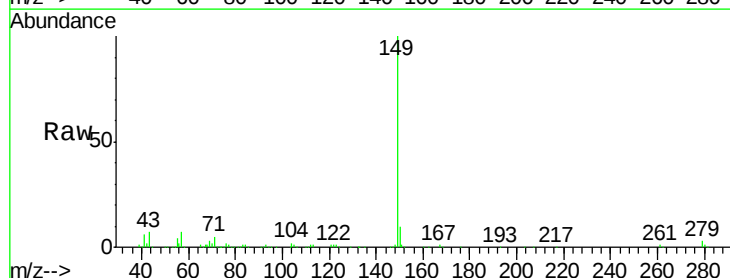
Tgt Ion:149 Resp: 639512

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

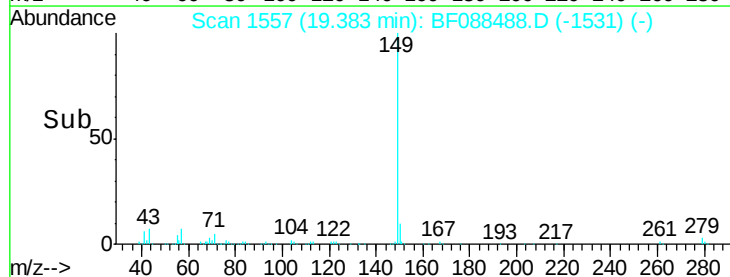
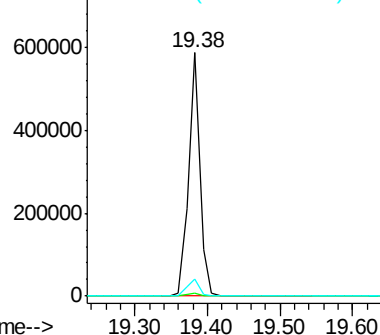
43 7.4 0.0 0.0#

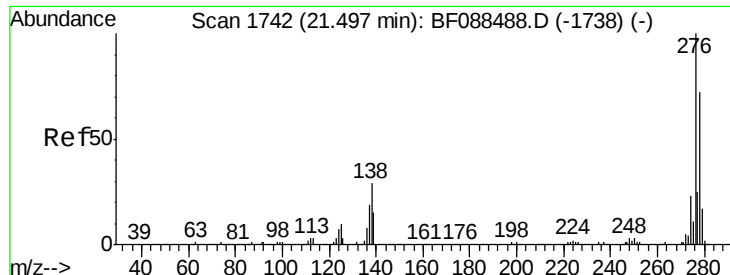


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

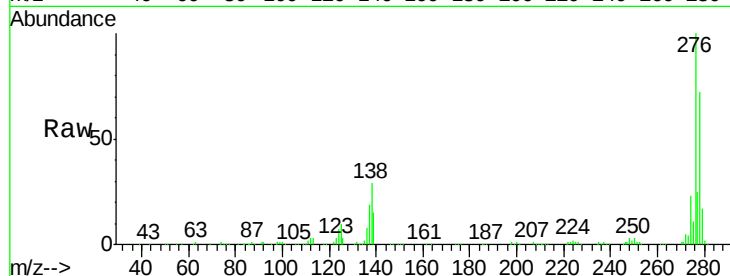




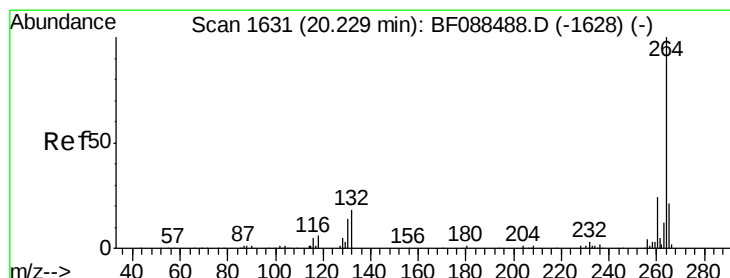
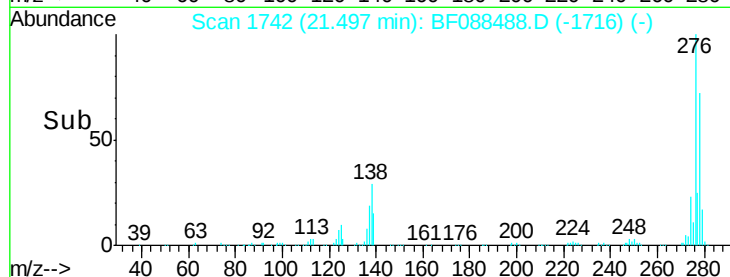
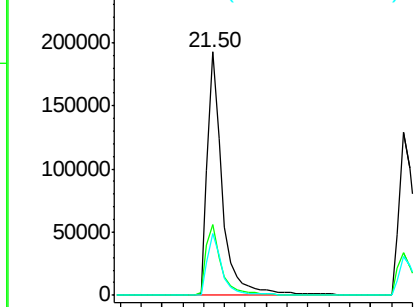
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.65 ng
 RT: 21.50 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	0.0	0.0#
277	25.4	0.0	0.0#

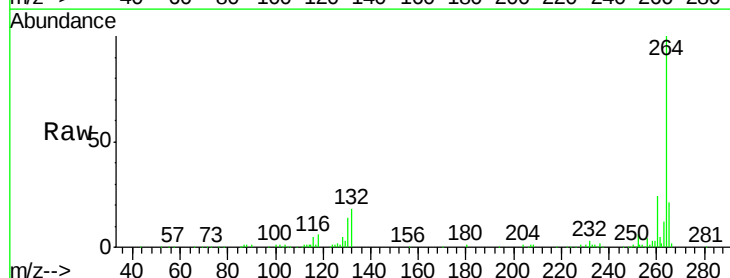


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

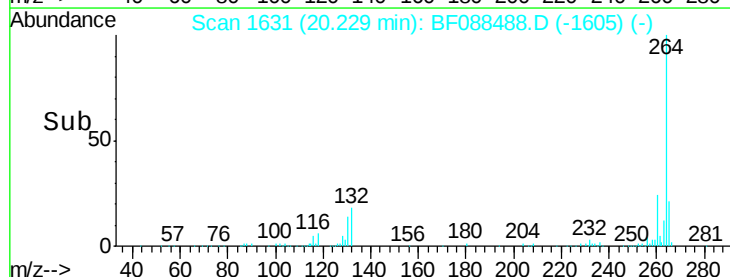
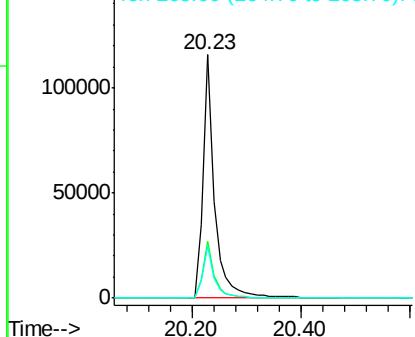


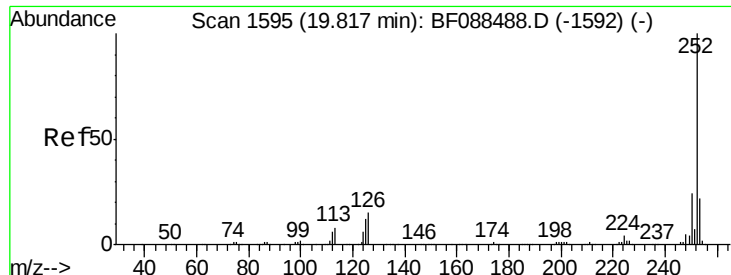
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 73.72 ng

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

Instrument :

BNA_F

ClientSampled :

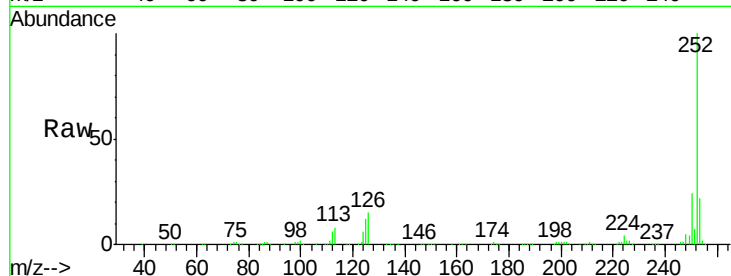
Tot Ion:252 Resp: 871000

Ion Ratio Lower Upper

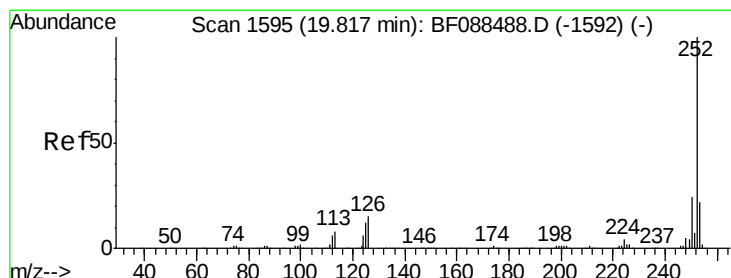
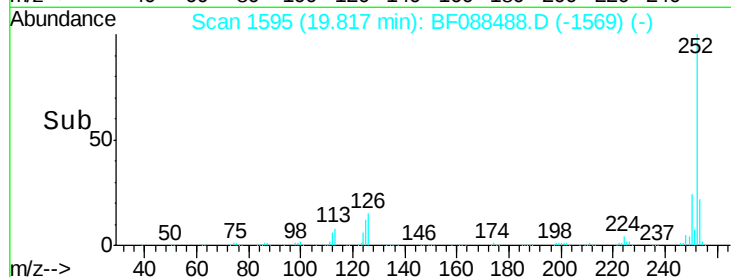
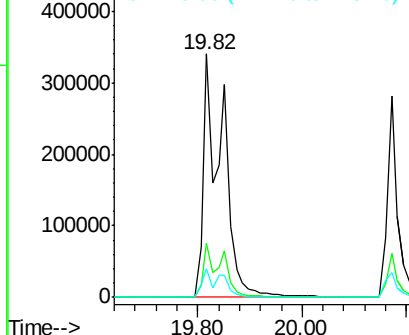
252 100

253 22.3 17.4 26.2

125 12.0 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: 97.91 ng

RT: 19.82 min Scan# 1595

Delta R.T. -0.03 min

Lab File: BF088488.D

Acq: 28 Jun 2016 15:51

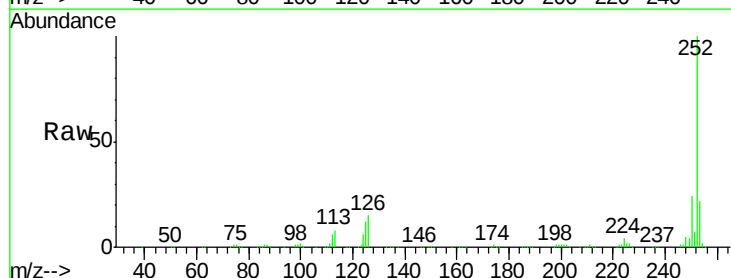
Tgt Ion:252 Resp: 872696

Ion Ratio Lower Upper

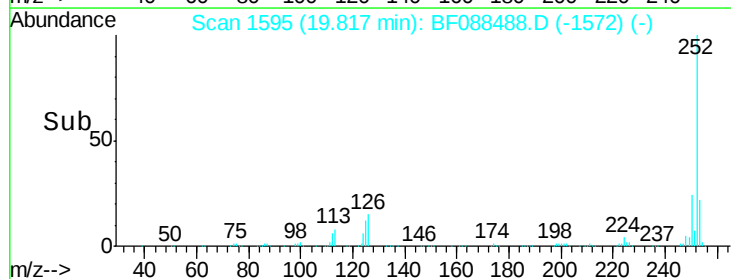
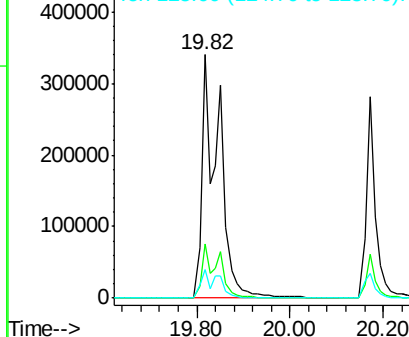
252 100

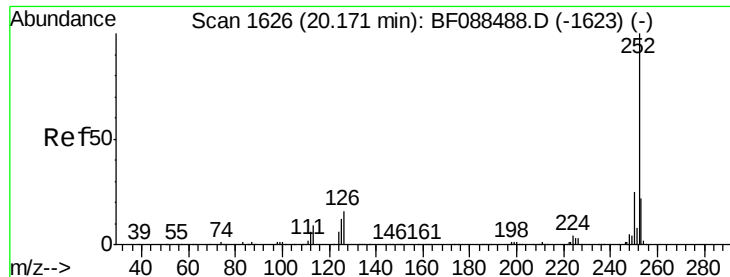
253 22.3 18.0 27.0

125 12.0 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

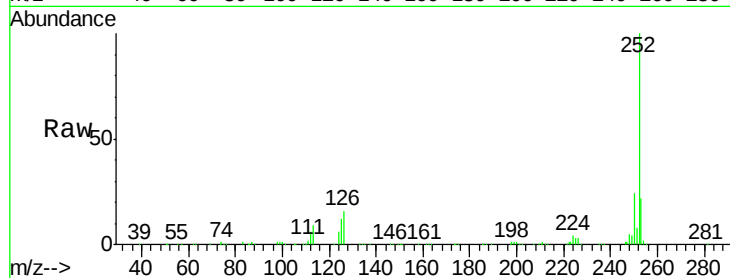




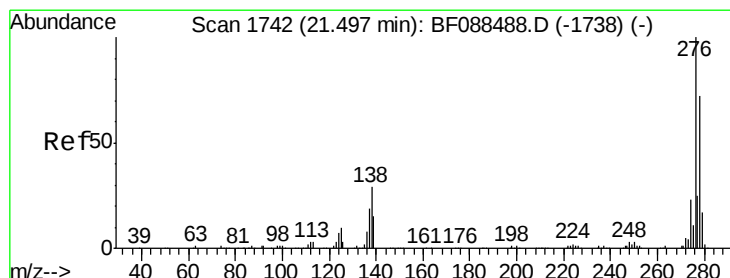
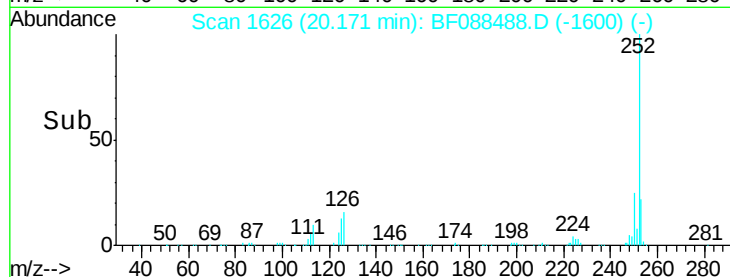
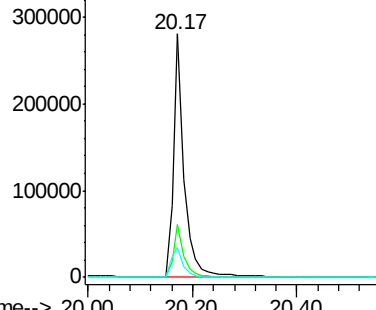
#89
Benzo(a)pyrene
Concen: 41.37 ng
RT: 20.17 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 395441
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.3 12.5 18.7#

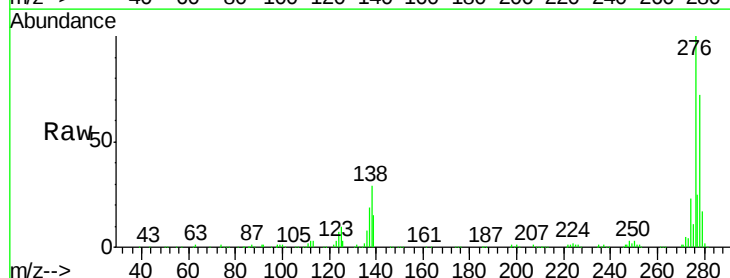


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

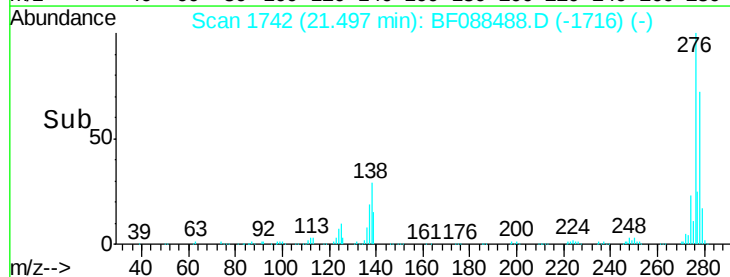
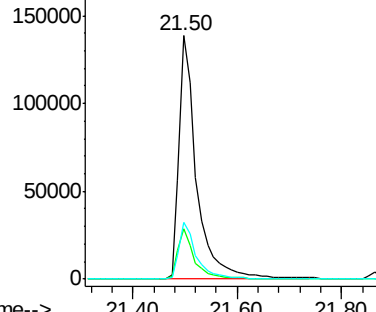


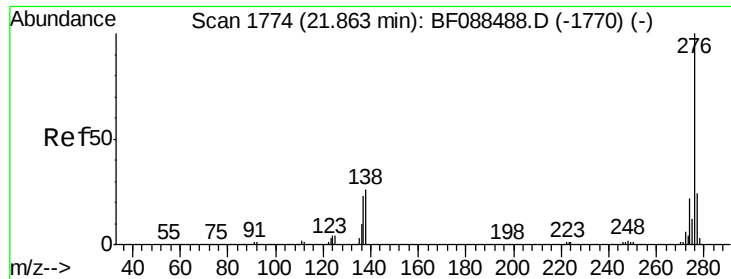
#90
Dibenzo(a,h)anthracene
Concen: 36.65 ng
RT: 21.50 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BF088488.D
Acq: 28 Jun 2016 15:51

Tgt Ion:278 Resp: 325418
Ion Ratio Lower Upper
278 100
139 20.6 15.7 23.5
279 23.5 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

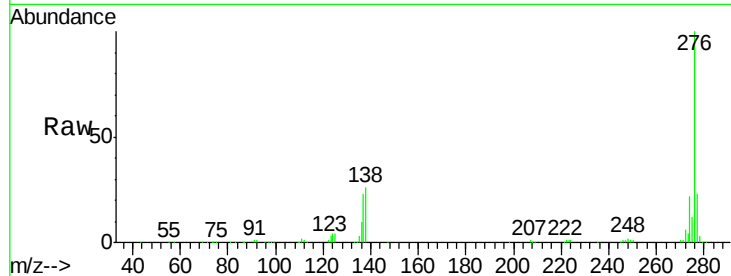




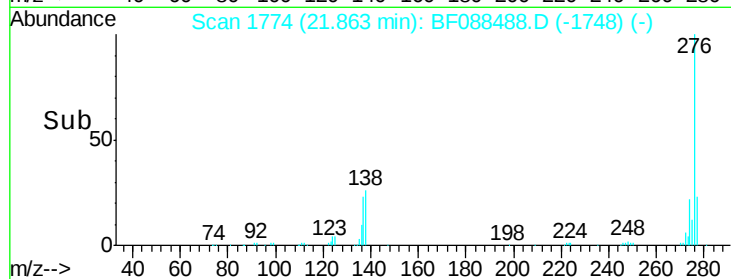
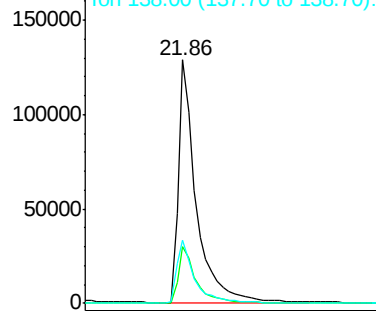
#91
 Benzo(a,h,i)perylene
 Concen: 34.40 ng
 RT: 21.86 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BF088488.D
 Acq: 28 Jun 2016 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	26.2	21.4	32.2



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E



Time-->