

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088295.D
 Acq On : 23 Jun 2016 17:18
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 24 01:45:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	90910	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	371657	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	177270	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	338751	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	233506	20.00	ng	-0.01
86) Perylene-d12	15.10	264	184095	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	449694	84.56	ng	0.01
7) Phenol-d6	6.28	99	500802	77.71	ng	0.02
23) Nitrobenzene-d5	7.18	82	469023	73.69	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	132063	70.55	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	927759	82.02	ng	0.00
78) Terphenyl-d14	12.70	244	852011	83.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	102964	39.85	ng	# 40
3) Pyridine	2.66	79	235611	38.62	ng	92
4) n-Nitrosodimethylamine	2.62	42	95160	36.83	ng	79
6) Aniline	6.26	93	344929	37.60	ng	98
8) 2-Chlorophenol	6.39	128	254712	40.47	ng	97
9) Benzaldehyde	6.15	77	153967	37.80	ng	99
10) Phenol	6.30	94	309158	46.55	ng	94
11) bis(2-Chloroethyl)ether	6.34	93	236375	41.83	ng	91
12) 1,3-Dichlorobenzene	6.54	146	268174m	39.71	ng	
13) 1,4-Dichlorobenzene	6.62	146	273419	40.19	ng	98
14) 1,2-Dichlorobenzene	6.76	146	234003m	37.82	ng	
15) Benzyl Alcohol	6.76	79	195957	38.86	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	241452	31.62	ng	# 6
17) 2-Methylphenol	6.89	107	198745	38.94	ng	# 85
18) Hexachloroethane	7.11	117	94002	38.94	ng	93
19) n-Nitroso-di-n-propylamine	7.04	70	169609	41.14	ng	# 79
20) 3+4-Methylphenols	7.05	107	274885	46.15	ng	# 77
22) Acetophenone	7.03	105	354525	42.69	ng	# 97
24) Nitrobenzene	7.20	77	254405	41.26	ng	99
25) Isophorone	7.44	82	462159	39.20	ng	99
26) 2-Nitrophenol	7.51	139	137360	41.59	ng	96
27) 2,4-Dimethylphenol	7.58	122	227745	37.45	ng	97
28) bis(2-Chloroethoxy)methane	7.66	93	302099	41.32	ng	98
29) 2,4-Dichlorophenol	7.77	162	206075	40.59	ng	94
30) 1,2,4-Trichlorobenzene	7.83	180	208069	37.64	ng	98
31) Naphthalene	7.91	128	709270	38.56	ng	99
32) Benzoic acid	7.74	122	112751	33.67	ng	97
33) 4-Chloroaniline	7.98	127	322532	39.27	ng	95
34) Hexachlorobutadiene	8.02	225	107644	36.92	ng	98
35) Caprolactam	8.36	113	71436	42.48	ng	# 81
36) 4-Chloro-3-methylphenol	8.48	107	223037	41.08	ng	95
37) 2-Methylnaphthalene	8.60	142	472584	38.98	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	192715	40.34	ng	# 1
40) Hexachlorocyclopentadiene	8.75	237	112766	39.44	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088295.D
 Acq On : 23 Jun 2016 17:18
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 24 01:45:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

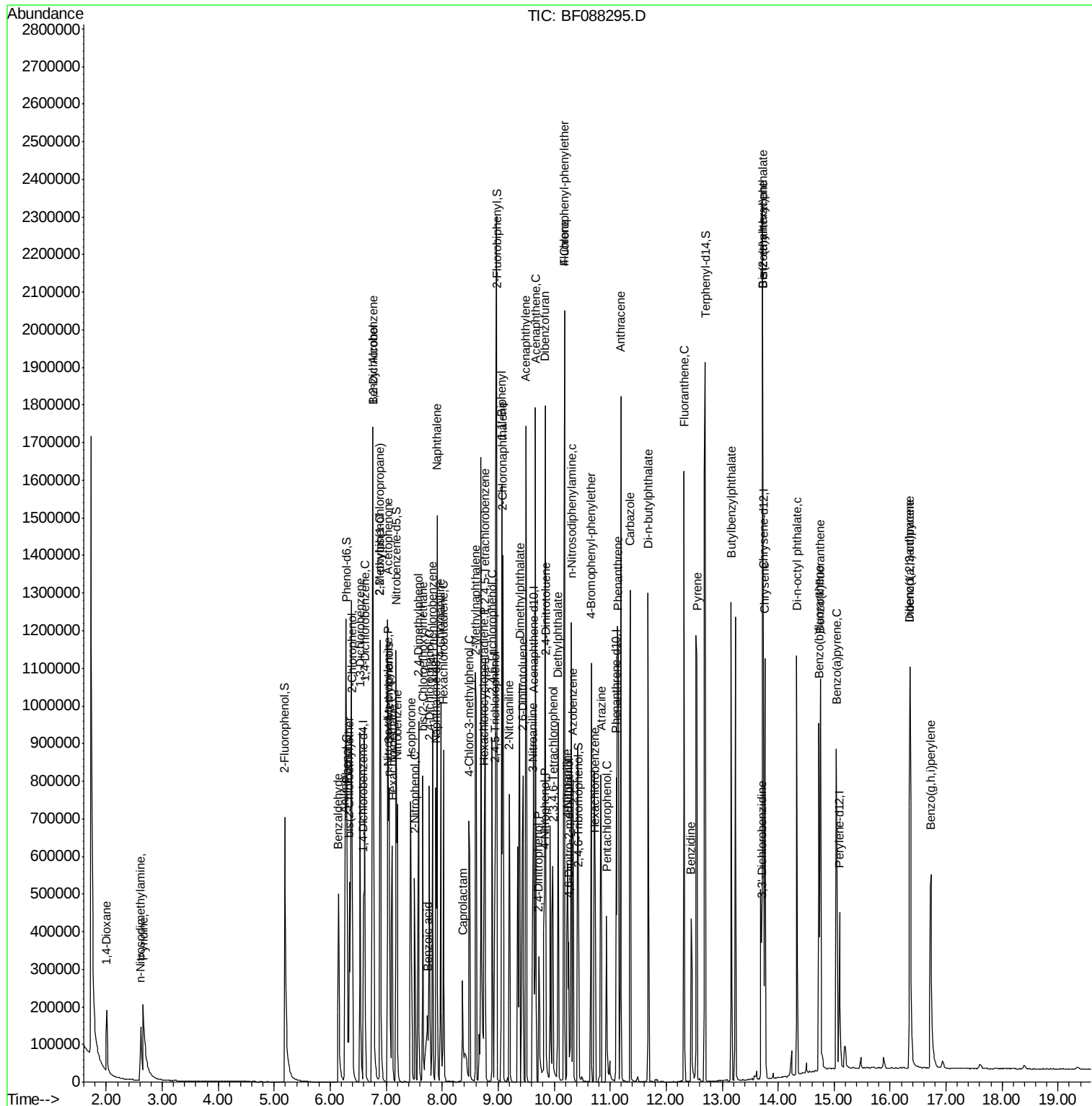
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	133919	37.78	ng	97
43) 2,4,5-Trichlorophenol	8.95	196	131763	35.73	ng	98
45) 1,1'-Biphenyl	9.06	154	540037	39.88	ng	99
46) 2-Chloronaphthalene	9.08	162	435093	37.93	ng	99
47) 2-Nitroaniline	9.20	65	126883	37.50	ng	87
48) Acenaphthylene	9.50	152	661767	36.27	ng	100
49) Dimethylphthalate	9.38	163	545021	42.44	ng	100
50) 2,6-Dinitrotoluene	9.44	165	117256	39.87	ng	# 59
51) Acenaphthene	9.67	154	388952	34.17	ng	98
52) 3-Nitroaniline	9.62	138	147112	43.35	ng	# 79
53) 2,4-Dinitrophenol	9.72	184	70434	49.02	ng	# 83
54) Dibenzofuran	9.84	168	564128	35.99	ng	# 85
55) 4-Nitrophenol	9.83	139	109551m	41.59	ng	
56) 2,4-Dinitrotoluene	9.85	165	159921	42.31	ng	# 89
57) Fluorene	10.18	166	451069	42.29	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.98	232	113129	39.03	ng	# 58
59) Diethylphthalate	10.07	149	523199	40.25	ng	97
60) 4-Chlorophenyl-phenylether	10.18	204	186554	35.79	ng	# 84
61) 4-Nitroaniline	10.24	138	138695	43.09	ng	98
62) Azobenzene	10.33	77	495325	38.54	ng	93
64) 4,6-Dinitro-2-methylphenol	10.26	198	73775	35.48	ng	# 64
65) n-Nitrosodiphenylamine	10.31	169	451589	40.18	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	134594	37.04	ng	# 89
67) Hexachlorobenzene	10.73	284	144515	38.27	ng	# 72
68) Atrazine	10.83	200	127155	37.36	ng	90
69) Pentachlorophenol	10.94	266	86131	43.27	ng	98
70) Phenanthrene	11.14	178	710161	39.95	ng	99
71) Anthracene	11.19	178	681846	38.03	ng	99
72) Carbazole	11.36	167	705084	42.02	ng	98
73) Di-n-butylphthalate	11.68	149	770376	36.27	ng	99
74) Fluoranthene	12.32	202	733451	39.10	ng	97
76) Benzidine	12.45	184	233723	36.15	ng	98
77) Pyrene	12.55	202	724856	41.83	ng	99
79) Butylbenzylphthalate	13.17	149	323275	42.20	ng	88
80) Benzo(a)anthracene	13.73	228	476369	35.80	ng	99
81) 3,3'-Dichlorobenzidine	13.70	252	141153	39.45	ng	98
82) Chrysene	13.76	228	516876	41.29	ng	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	375575	40.27	ng	99
84) Di-n-octyl phthalate	14.33	149	584000	38.54	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.35	276	471212	40.51	ng	# 100
87) Benzo(b)fluoranthene	14.73	252	451991m	35.23	ng	
88) Benzo(k)fluoranthene	14.75	252	375624m	38.81	ng	
89) Benzo(a)pyrene	15.04	252	400155	38.55	ng	99
90) Dibenzo(a,h)anthracene	16.35	278	395206	40.99	ng	98
91) Benzo(g,h,i)perylene	16.73	276	427840	43.14	ng	96

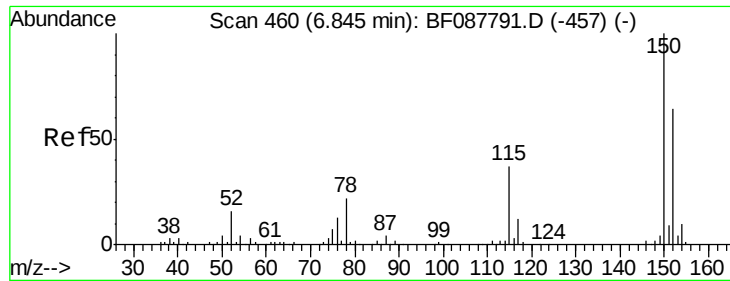
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088295.D
Acq On : 23 Jun 2016 17:18
Operator : UM/SJ
Sample : SSTCCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 24 01:45:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

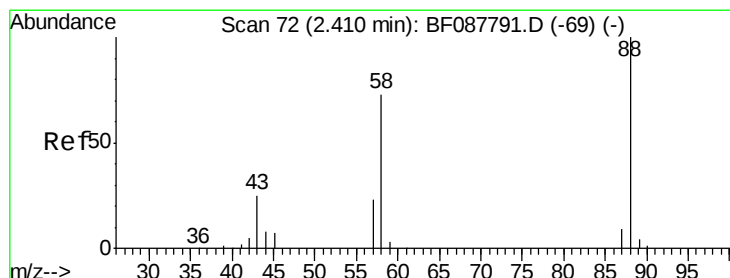
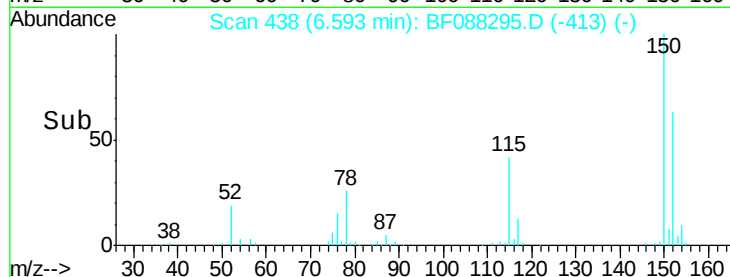
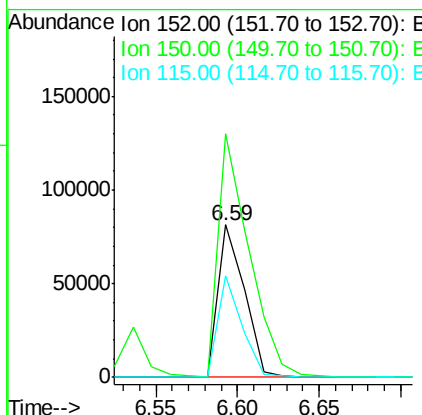
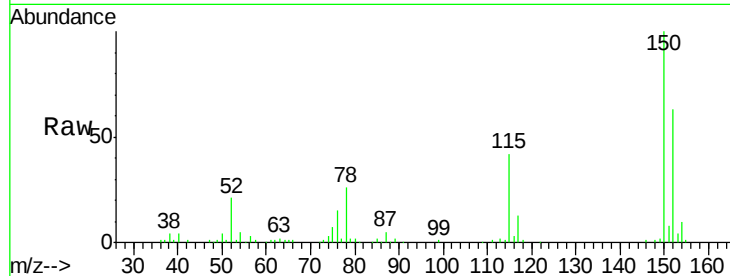




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

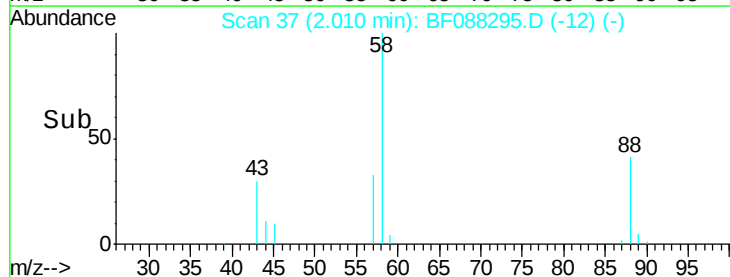
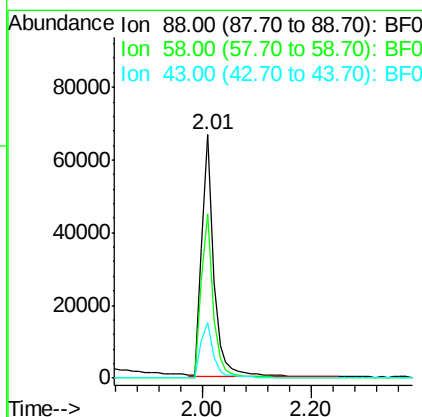
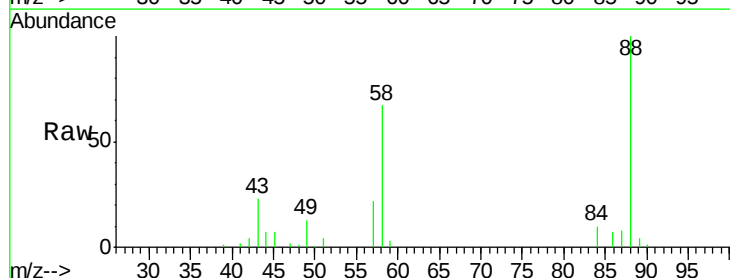
Instrument :
 BNA_F
 ClientSampleId :

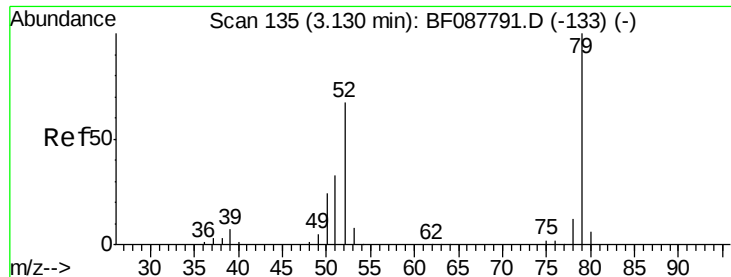
Tgt Ion:152 Resp: 90910
 Ion Ratio Lower Upper
 152 100
 150 159.5 123.8 185.6
 115 66.2 39.6 59.4#



#2
 1,4-Dioxane
 Concen: 39.85 ng
 RT: 2.01 min Scan# 37
 Delta R.T. -0.01 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Tgt Ion: 88 Resp: 102964
 Ion Ratio Lower Upper
 88 100
 58 66.8 0.0 0.0#
 43 24.1 3.4 5.2#





#3

Pyridine

Concen: 38.62 ng

RT: 2.66 min Scan# 94

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

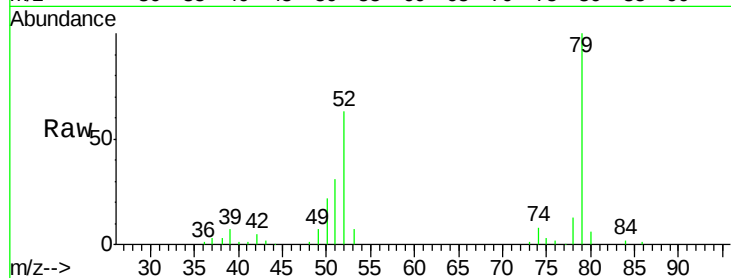
Tgt Ion: 79 Resp: 235611

Ion Ratio Lower Upper

79 100

52 62.6 56.3 84.5

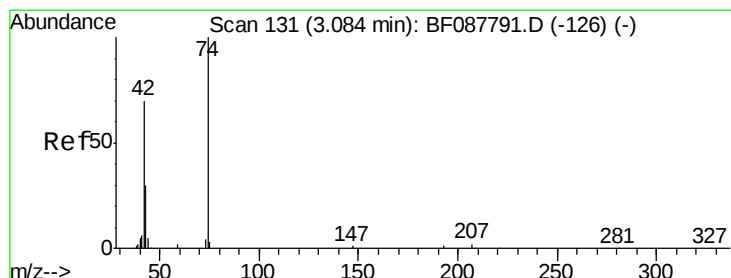
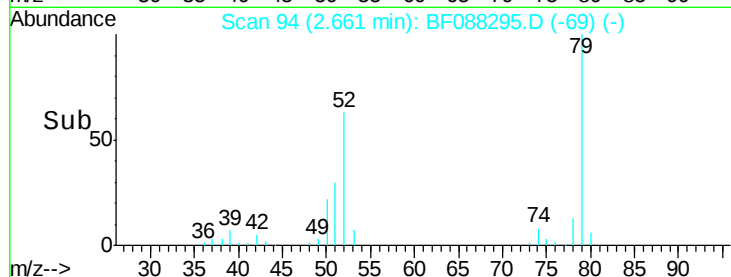
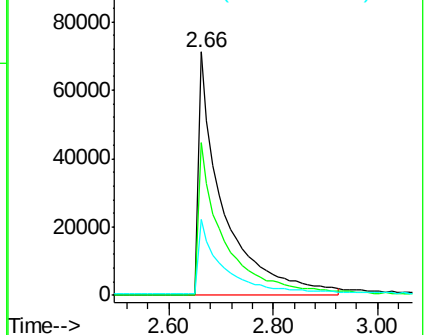
51 31.2 27.4 41.2



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: 36.83 ng

RT: 2.62 min Scan# 90

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

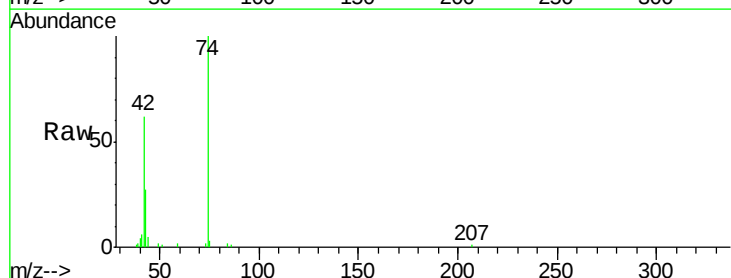
Tgt Ion: 42 Resp: 95160

Ion Ratio Lower Upper

42 100

74 162.3 108.6 163.0

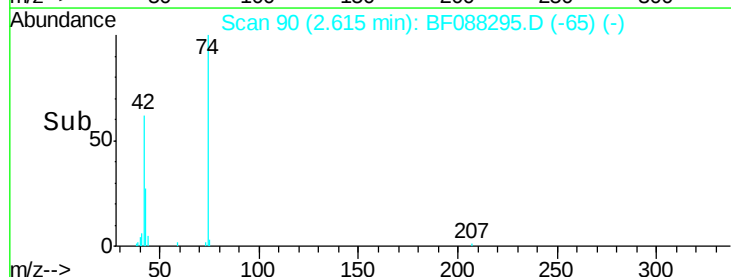
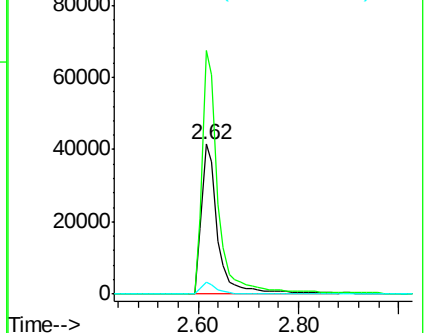
44 7.7 5.5 8.3



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: 84.56 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.01 min

Lab File: BF088295.D

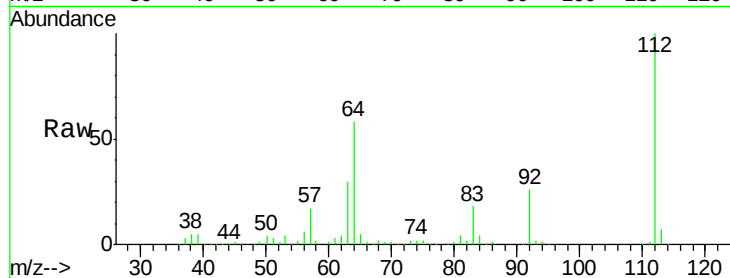
Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

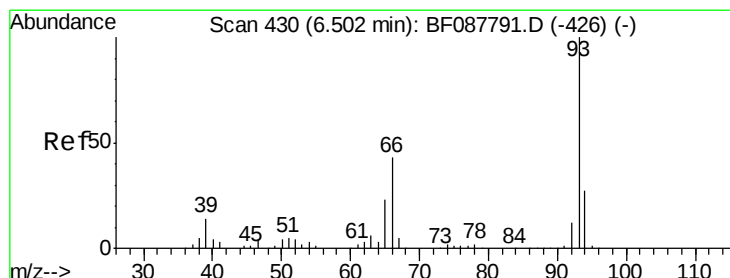
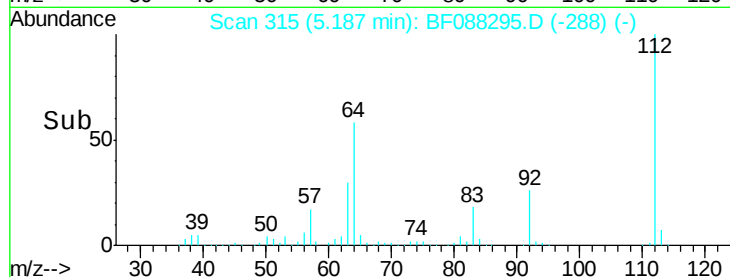
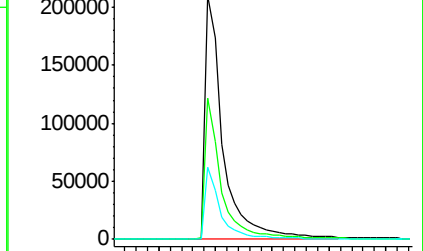
Tgt Ion:	112	Resp:	449694
Ion	Ratio	Lower	Upper
112	100		
64	57.9	42.2	63.2
63	29.5	21.8	32.8



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: 37.60 ng

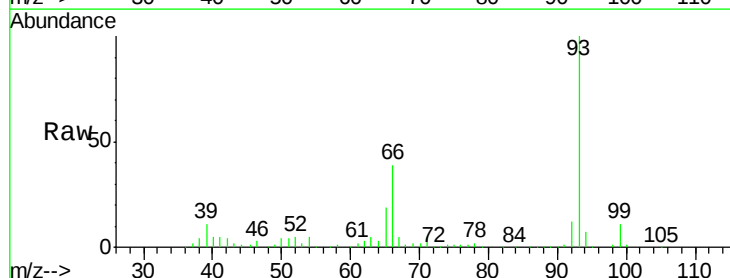
RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

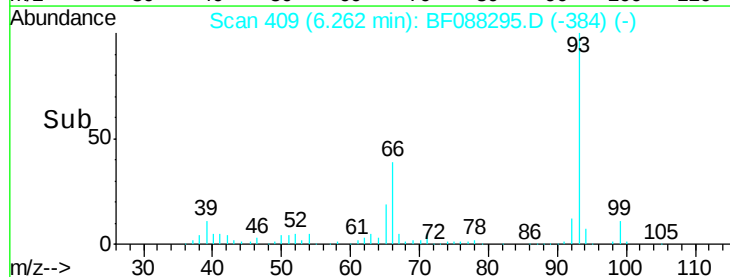
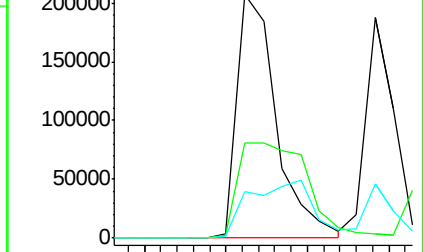
Tgt Ion:	93	Resp:	344929
Ion	Ratio	Lower	Upper
93	100		
66	39.1	29.8	44.8
65	19.2	14.9	22.3

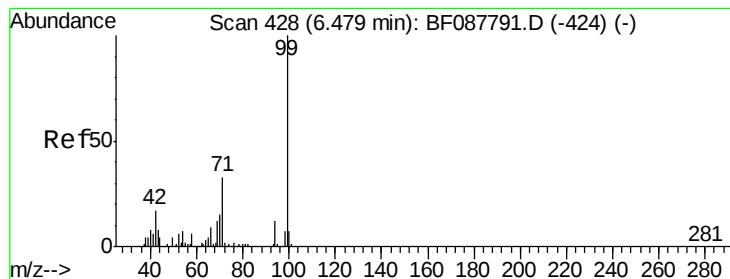


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.71 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.02 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

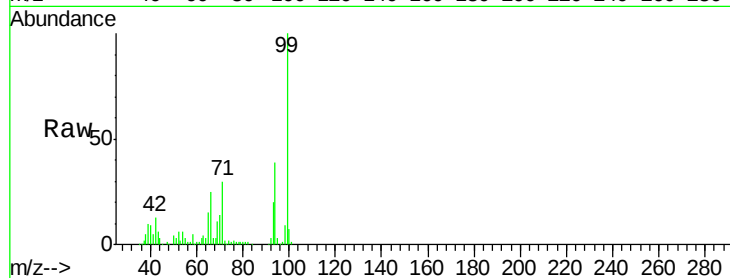
Tgt Ion: 99 Resp: 500802

Ion Ratio Lower Upper

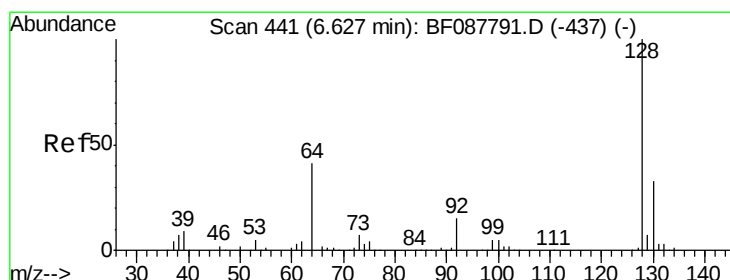
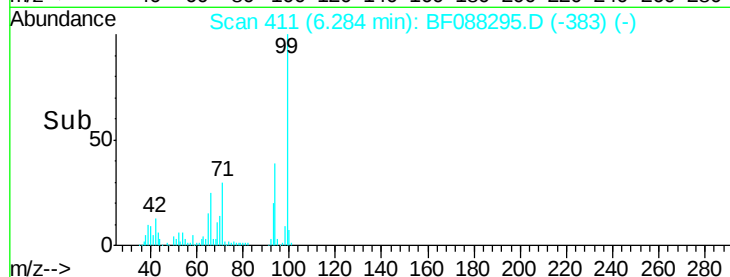
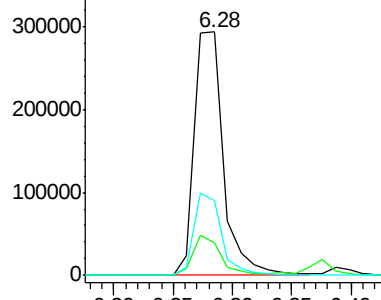
99 100

42 13.1 12.2 18.2

71 30.5 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: 40.47 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

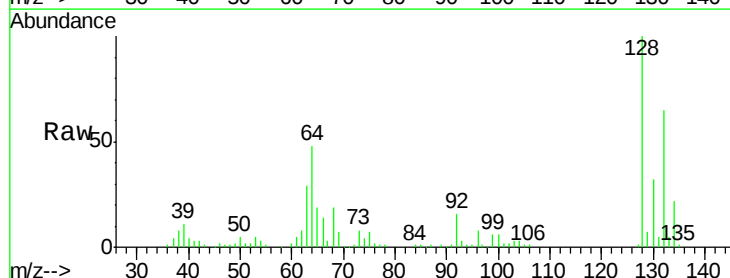
Tgt Ion: 128 Resp: 254712

Ion Ratio Lower Upper

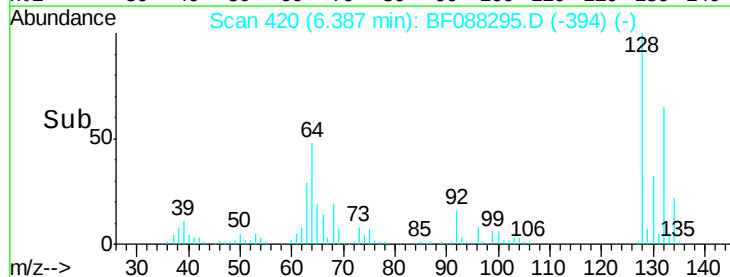
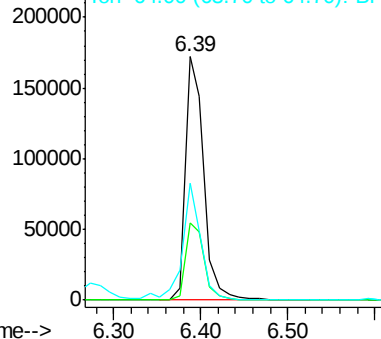
128 100

130 31.8 12.0 52.0

64 48.0 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: 37.80 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

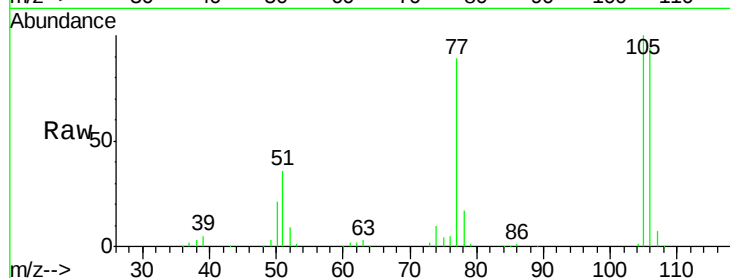
Tgt Ion: 77 Resp: 153967

Ion Ratio Lower Upper

77 100

105 112.5 90.6 130.6

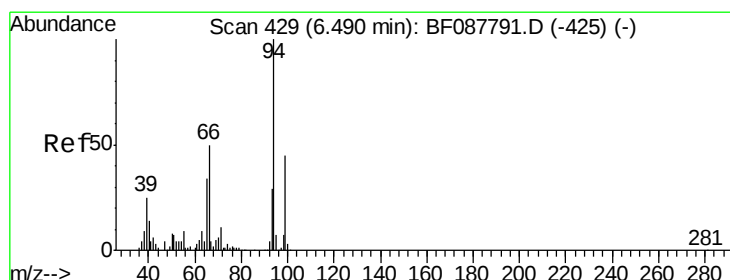
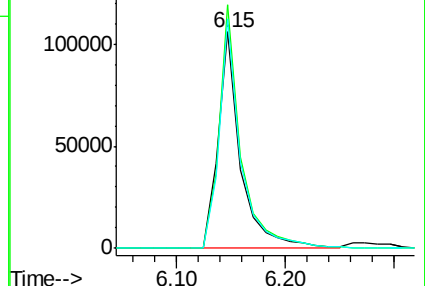
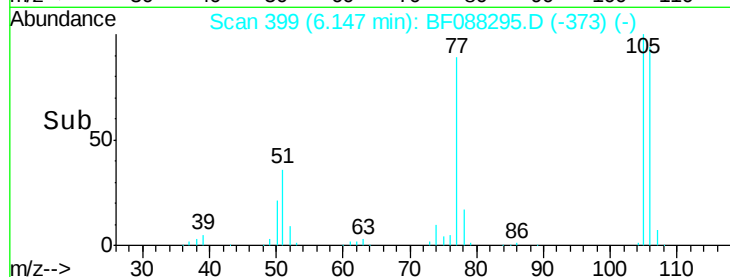
106 106.0 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.55 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.02 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

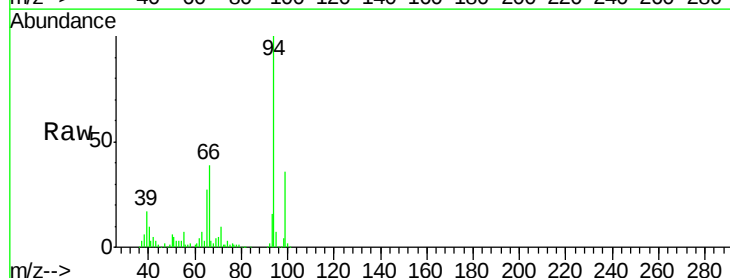
Tgt Ion: 94 Resp: 309158

Ion Ratio Lower Upper

94 100

65 26.7 5.9 45.9

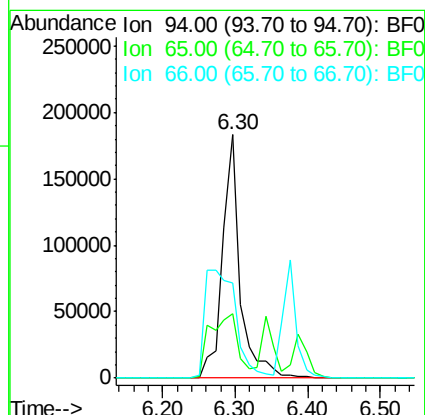
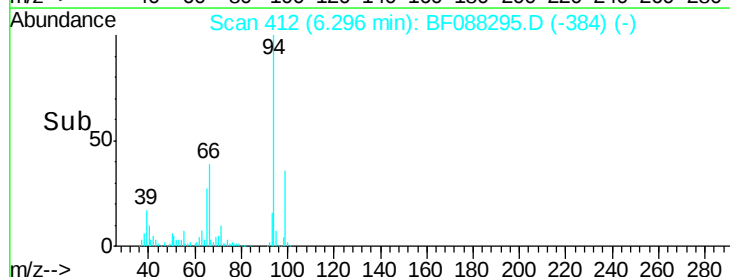
66 38.9 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

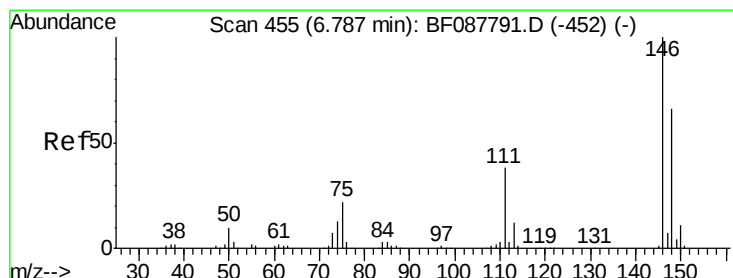
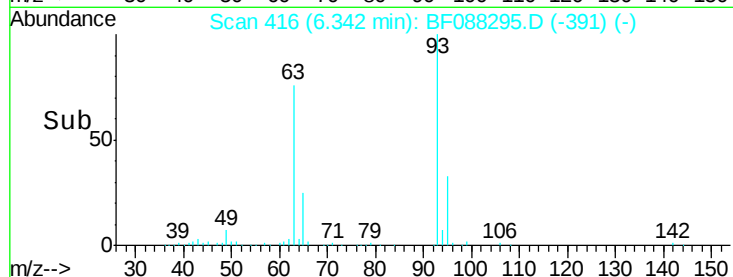
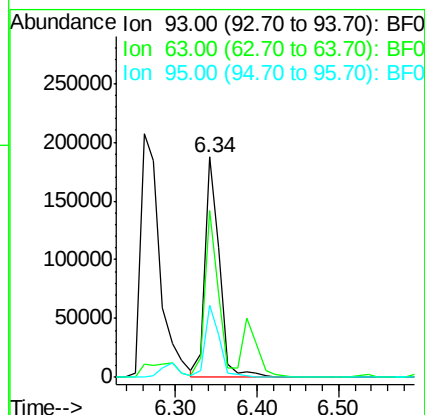
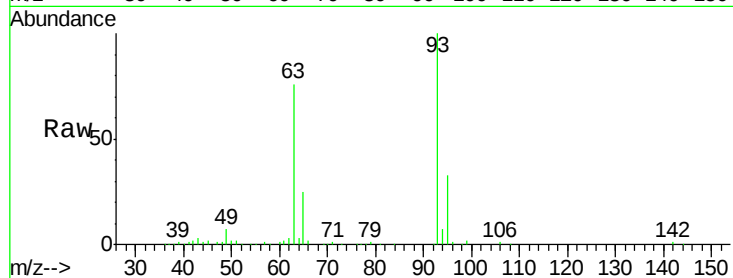




#11
 bis(2-Chloroethyl)ether
 Concen: 41.83 ng
 RT: 6.34 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

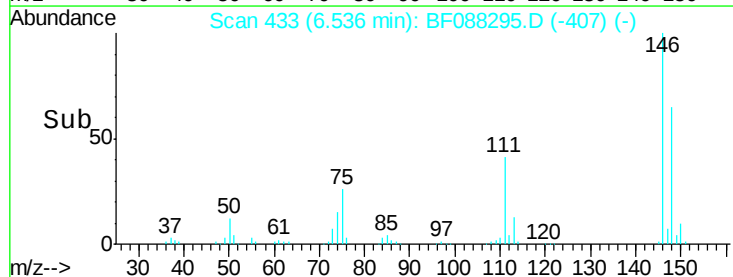
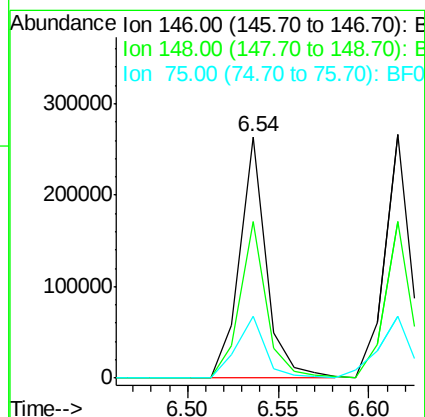
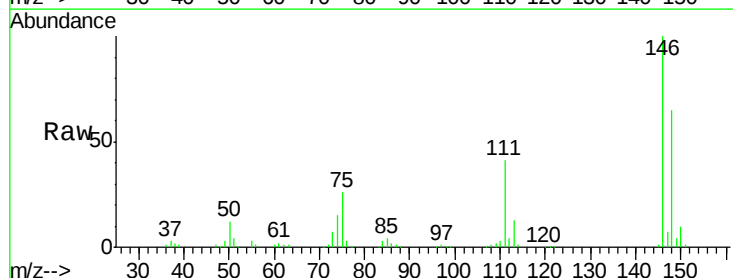
Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 93 Resp: 236375
 Ion Ratio Lower Upper
 93 100
 63 75.6 67.6 107.6
 95 32.6 12.5 52.5



#12
 1,3-Dichlorobenzene
 Concen: 39.71 ng m
 RT: 6.54 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Tgt Ion: 146 Resp: 268174
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.9 76.3
 75 25.6 25.6 38.4#

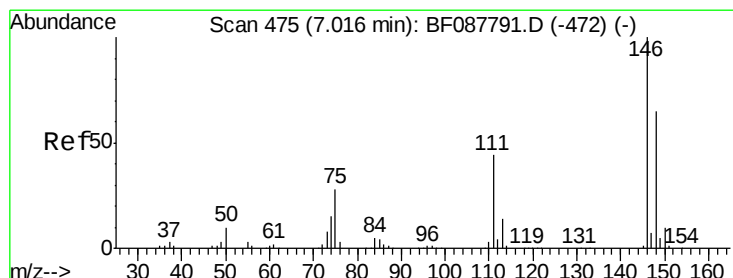
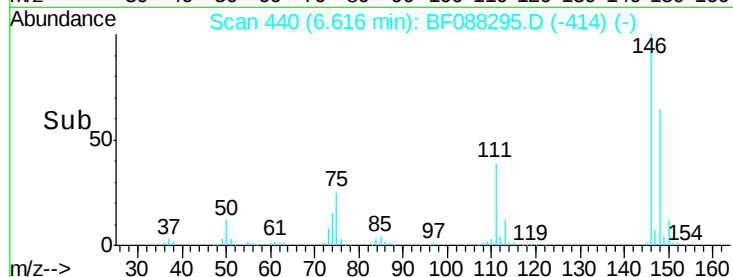
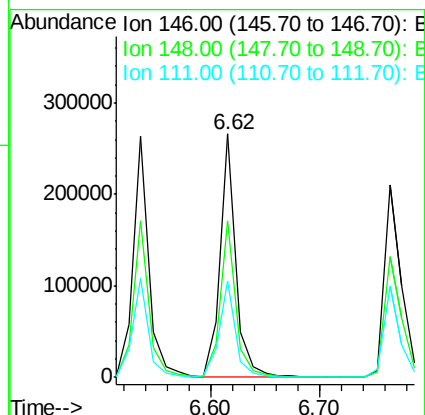
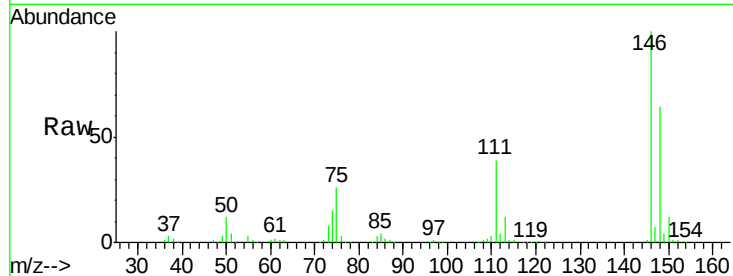




#13
 1,4-Dichlorobenzene
 Concen: 40.19 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

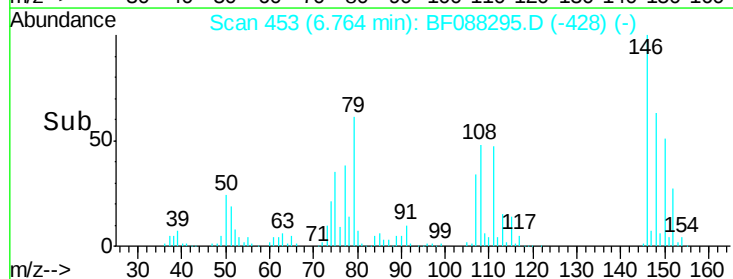
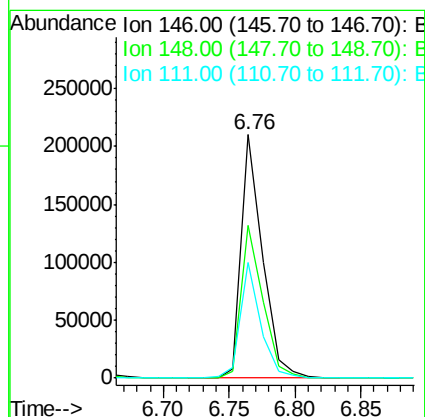
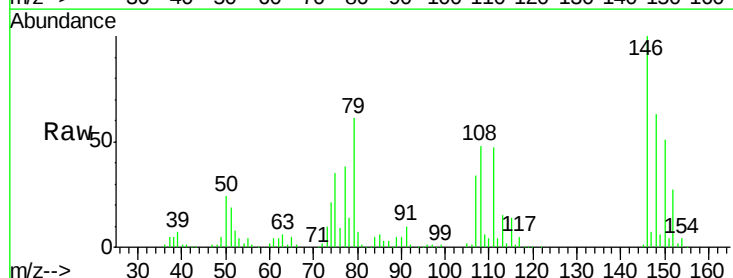
Instrument :
 BNA_F
 ClientSampleId :

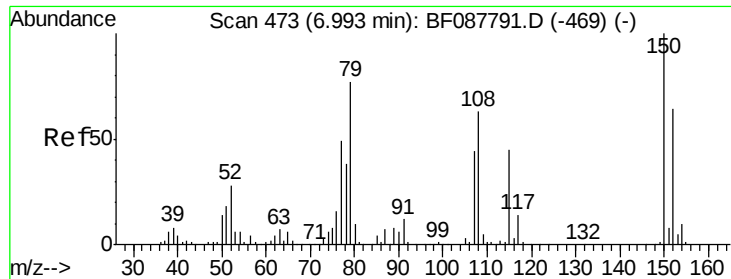
Tgt Ion:146 Resp: 273419
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 111 39.5 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 37.82 ng m
 RT: 6.76 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Tgt Ion:146 Resp: 234003
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.3 78.5
 111 47.2 28.7 43.1#

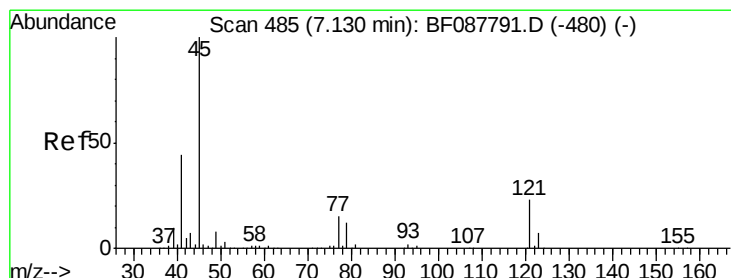
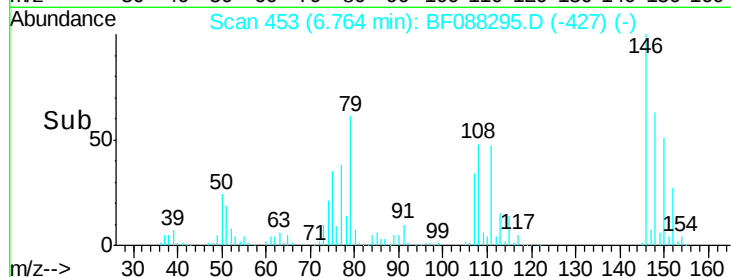
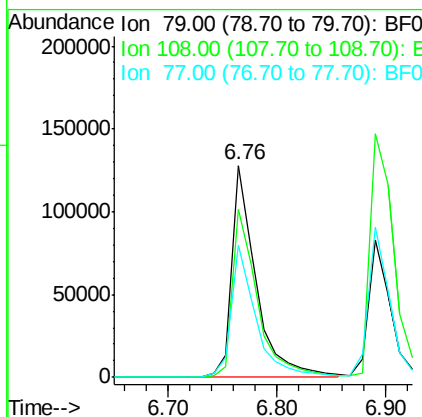
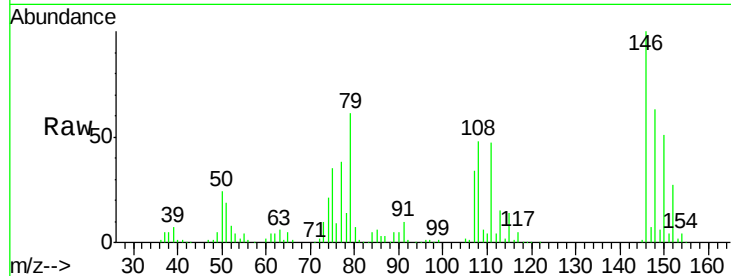




#15
Benzyl Alcohol
Concen: 38.86 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

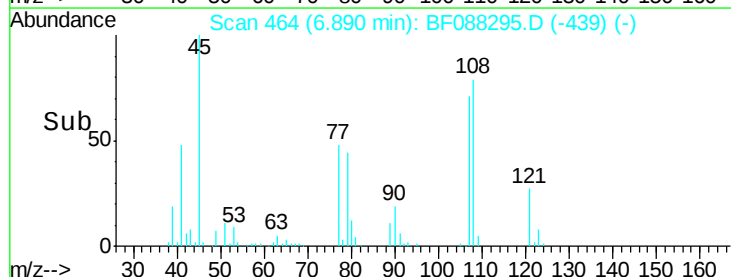
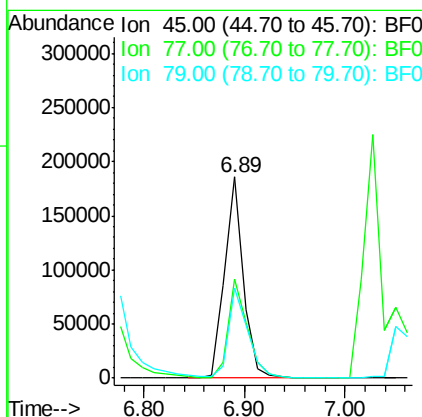
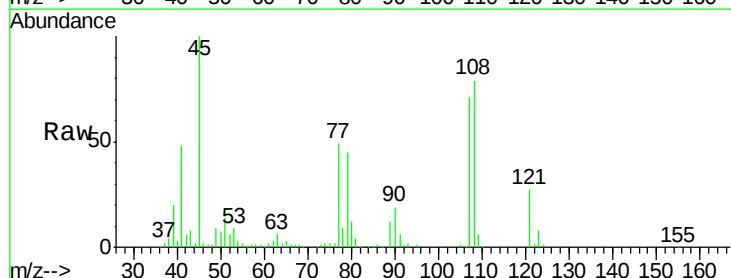
Instrument :
BNA_F
ClientSampled :

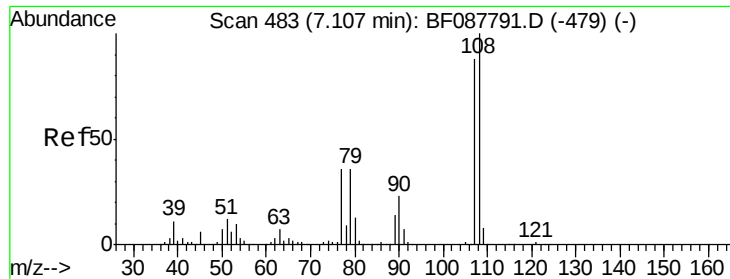
Tgt Ion: 79 Resp: 195957
Ion Ratio Lower Upper
79 100
108 79.6 65.0 97.6
77 62.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.62 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Tgt Ion: 45 Resp: 241452
Ion Ratio Lower Upper
45 100
77 49.0 0.0 32.5#
79 44.5 0.0 29.5#

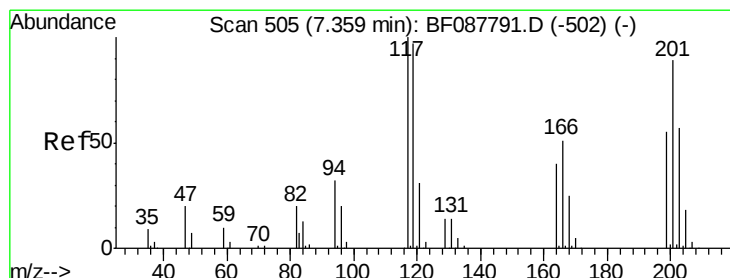
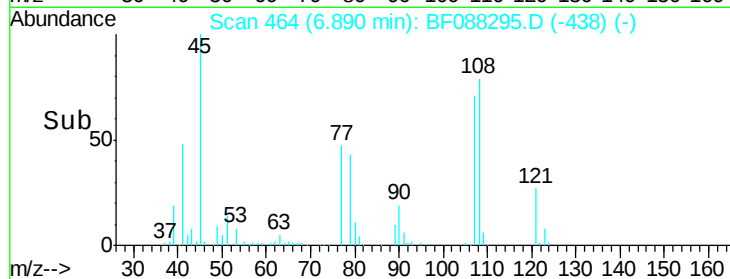
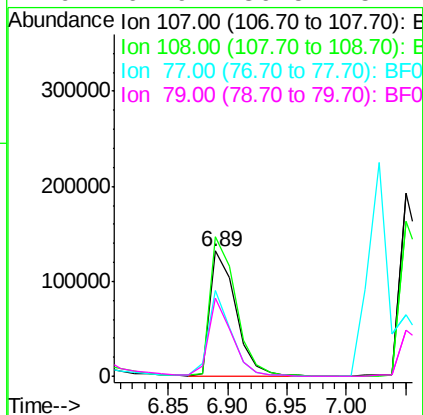
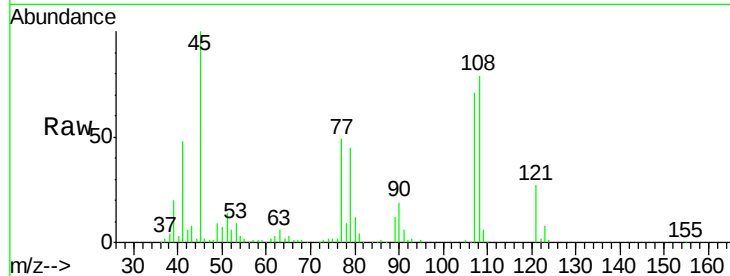




#17
2-Methylphenol
Concen: 38.94 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

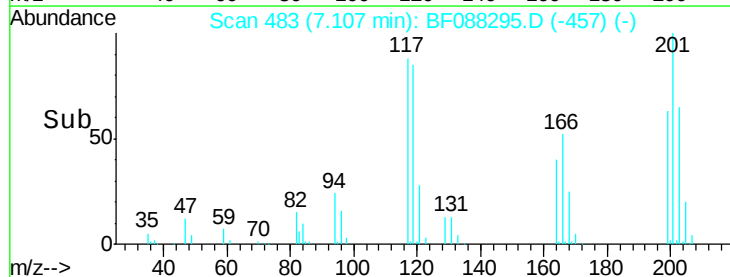
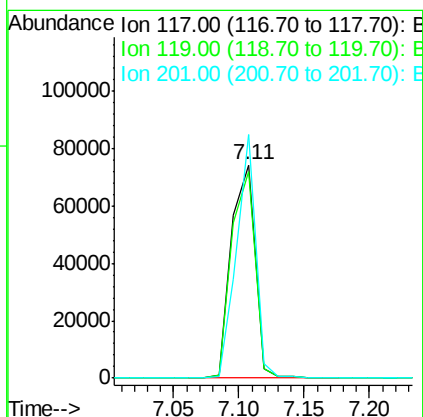
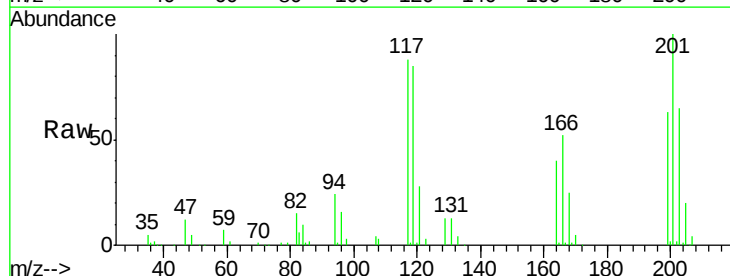
Instrument :
BNA_F
ClientSampleId :

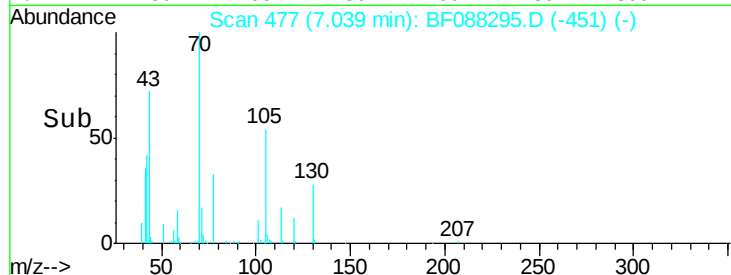
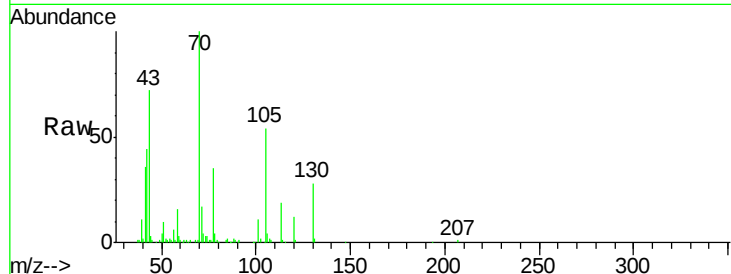
Tgt Ion:107 Resp: 198745
Ion Ratio Lower Upper
107 100
108 111.6 90.9 136.3
77 69.1 36.6 55.0#
79 62.9 36.5 54.7#



#18
Hexachloroethane
Concen: 38.94 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Tgt Ion:117 Resp: 94002
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.2
201 114.2 80.4 120.6

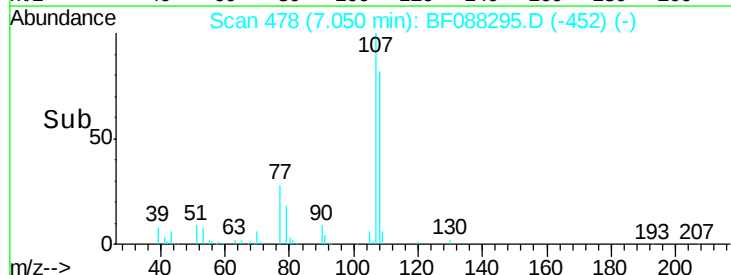
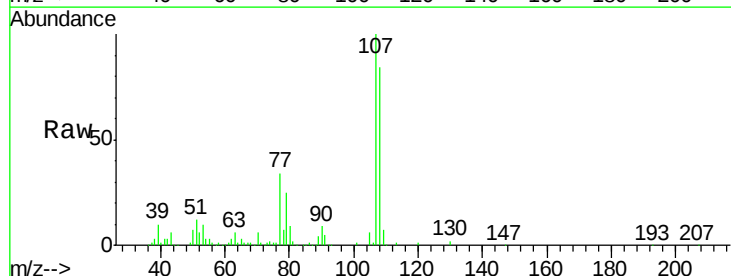
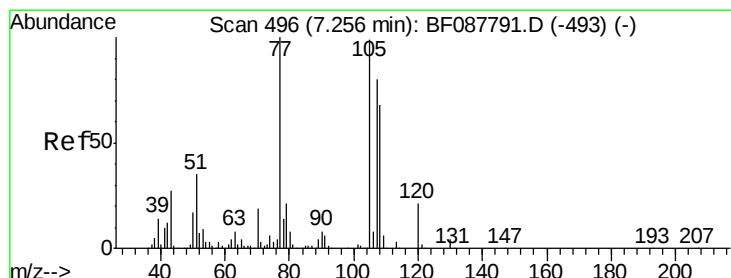
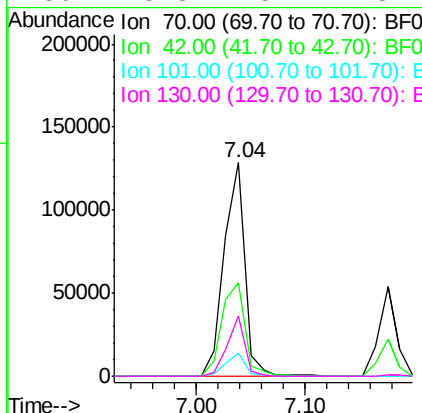




#19
n-Nitroso-di-n-propylamine
Concen: 41.14 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

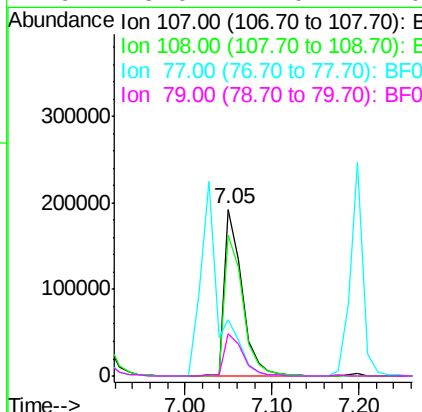
Instrument :
BNA_F
ClientSampleId :

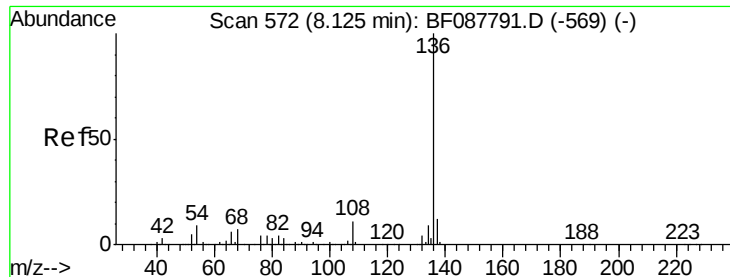
Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.6	49.6	74.4#
101	11.1	7.1	10.7#
130	28.3	15.4	23.2#



#20
3+4-Methylphenols
Concen: 46.15 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.4	67.8	107.8
77	33.8	59.3	99.3#
79	25.0	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 371657

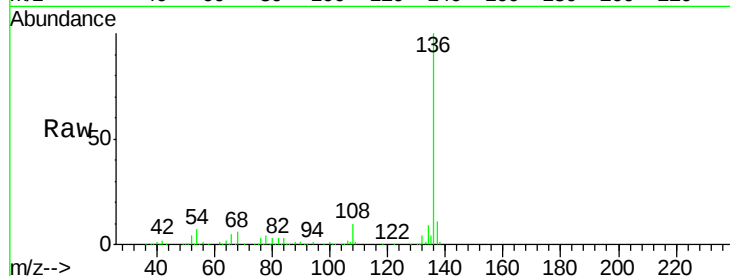
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.1 6.6 10.0

68 5.9 5.1 7.7

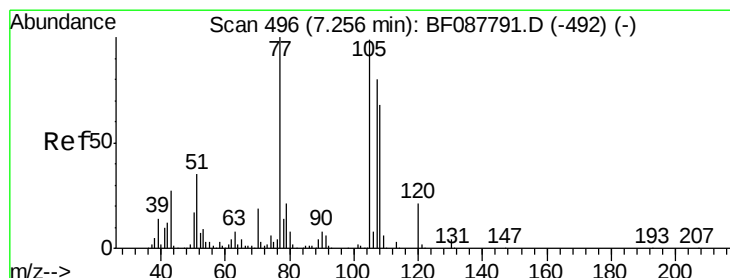
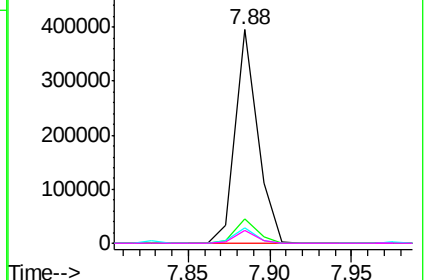
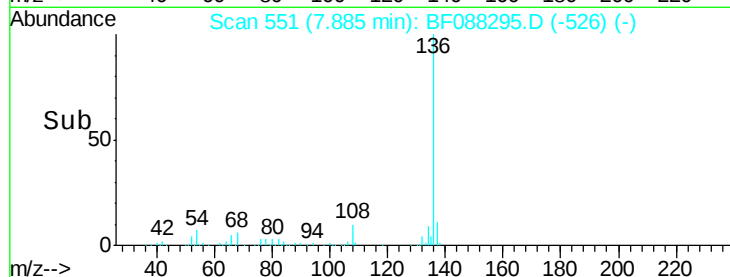


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.69 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Tgt Ion:105 Resp: 354525

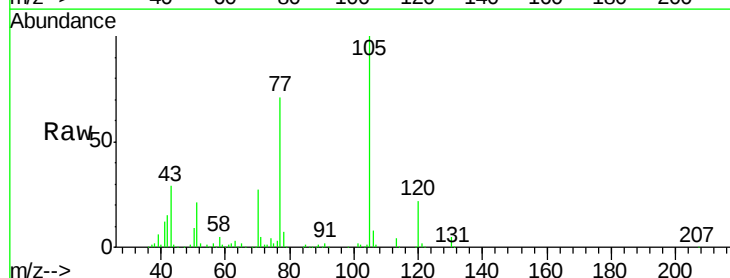
Ion Ratio Lower Upper

105 100

71 4.6 5.3 7.9#

51 20.7 18.2 27.4

120 22.1 18.0 27.0

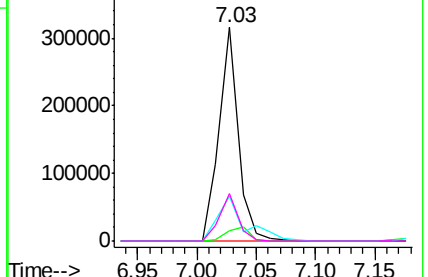
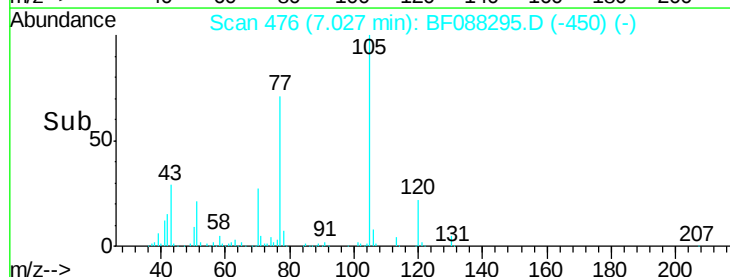


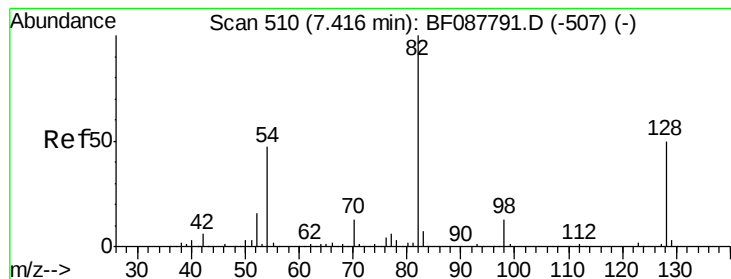
Abundance Ion 105.00 (104.70 to 105.70): E

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: 73.69 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

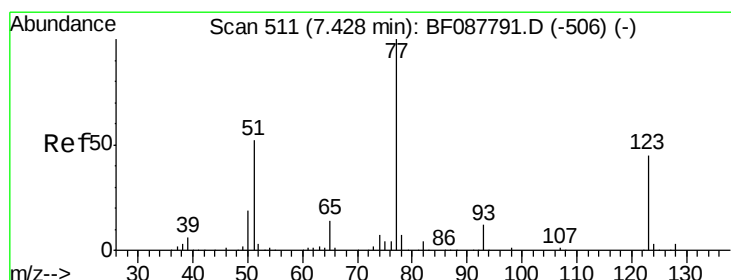
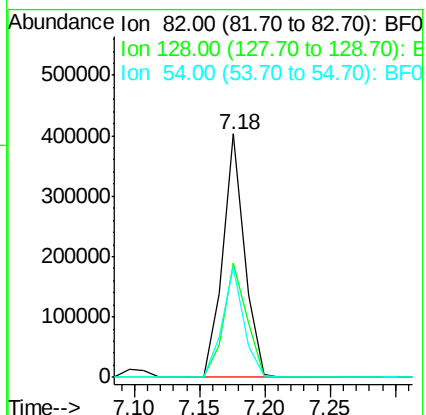
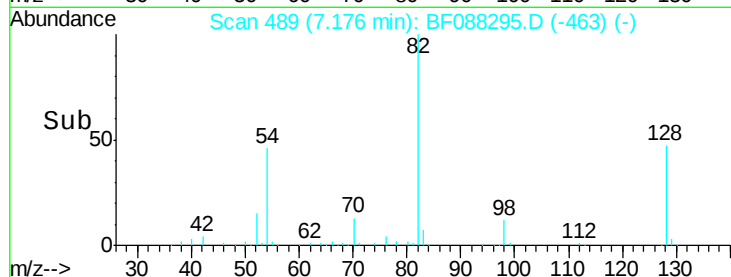
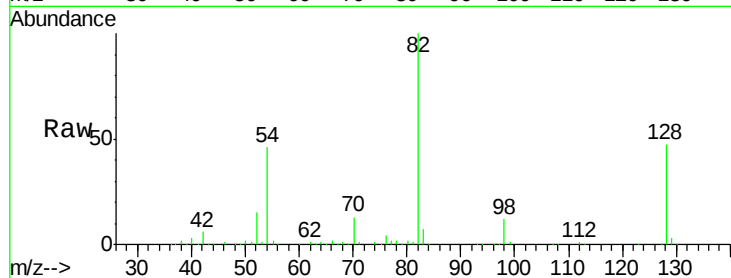
Tgt Ion: 82 Resp: 469023

Ion Ratio Lower Upper

82 100

128 47.0 35.9 53.9

54 45.5 40.9 61.3



#24

Nitrobenzene

Concen: 41.26 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

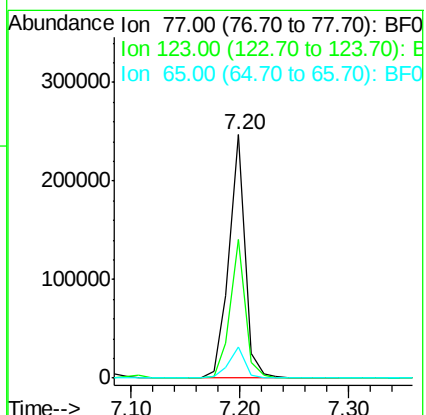
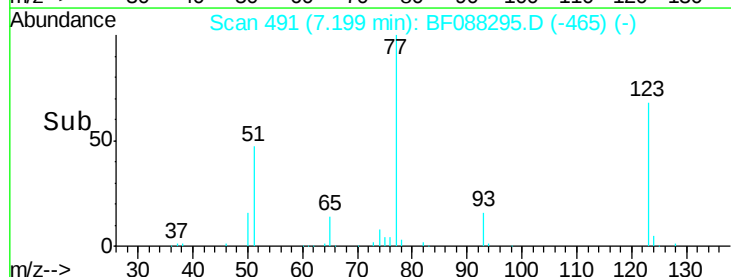
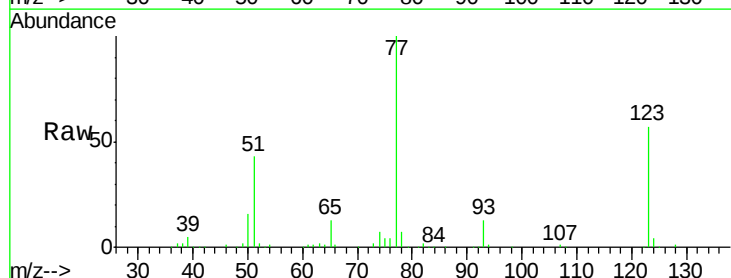
Tgt Ion: 77 Resp: 254405

Ion Ratio Lower Upper

77 100

123 56.9 45.0 67.4

65 12.7 10.2 15.2

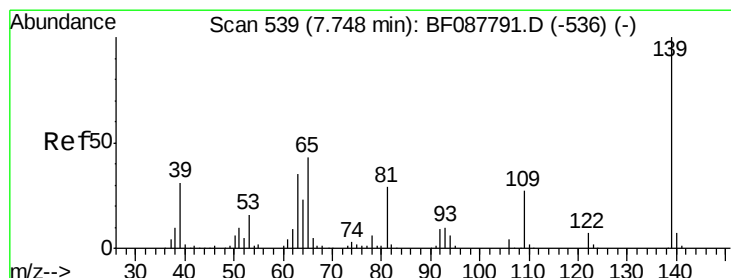
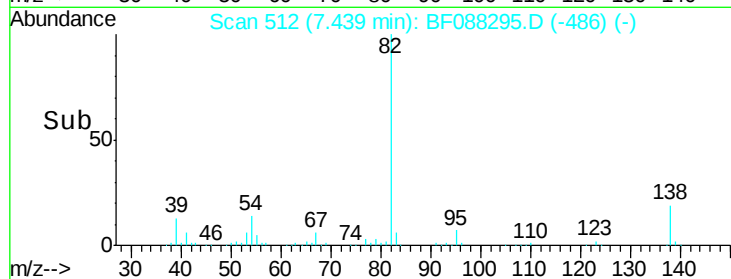
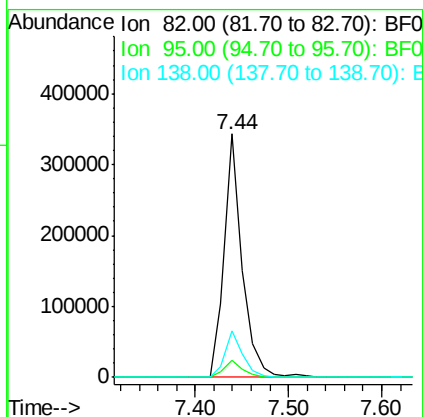
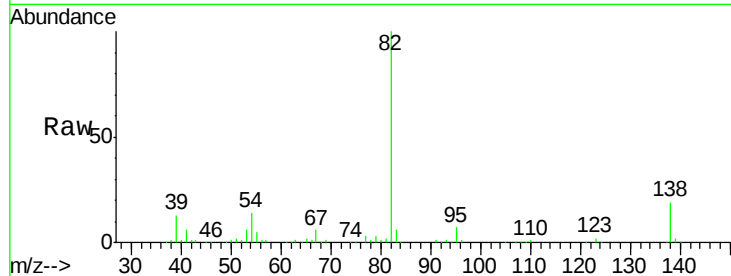




#25
Isophorone
Concen: 39.20 ng
RT: 7.44 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

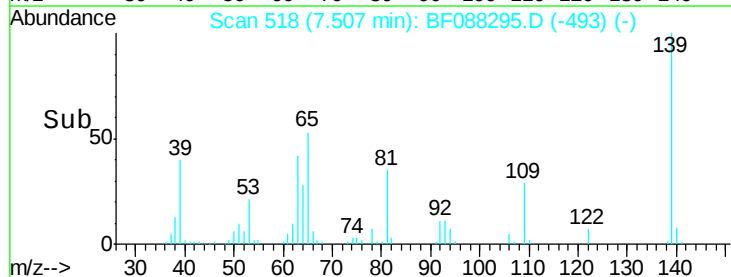
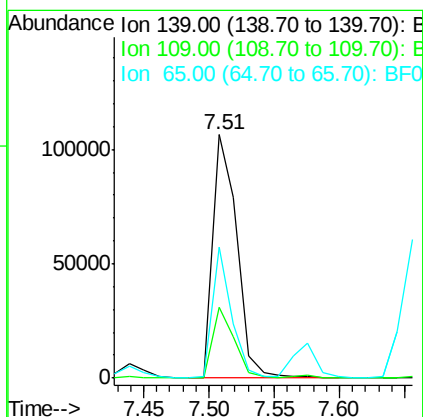
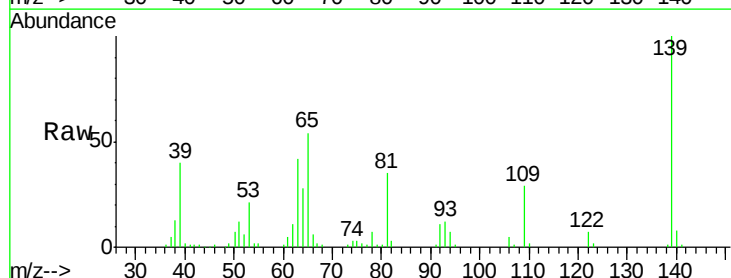
Instrument :
BNA_F
ClientSampleId :

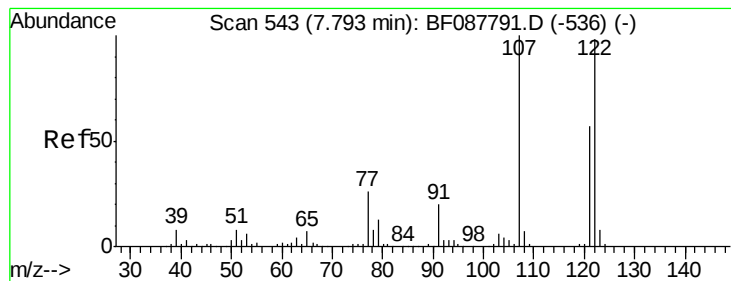
Tgt Ion: 82 Resp: 462159
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 18.9 14.6 21.8



#26
2-Nitrophenol
Concen: 41.59 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Tgt Ion: 139 Resp: 137360
Ion Ratio Lower Upper
139 100
109 29.0 23.0 34.4
65 53.6 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 37.45 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampled :

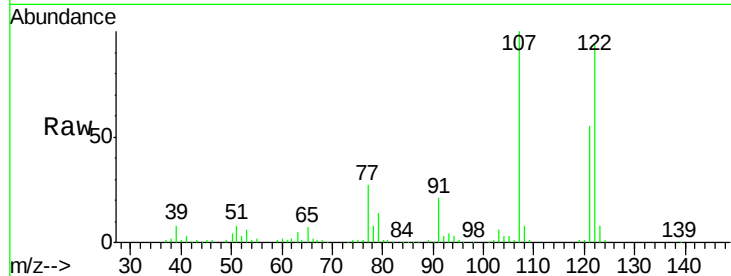
Tgt Ion: 122 Resp: 227745

Ion Ratio Lower Upper

122 100

107 106.6 82.4 123.6

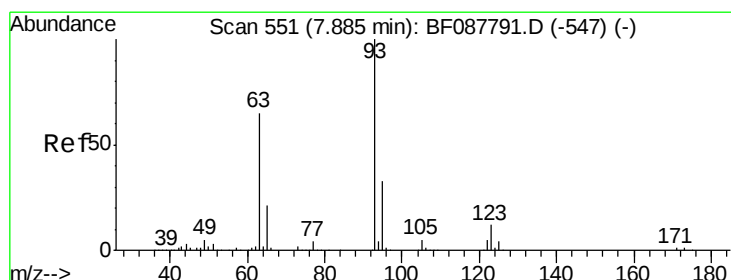
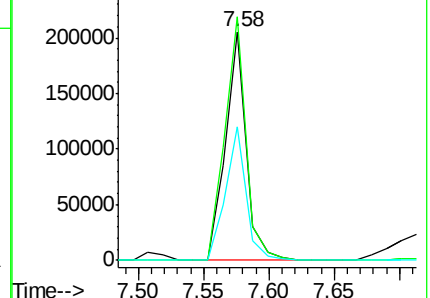
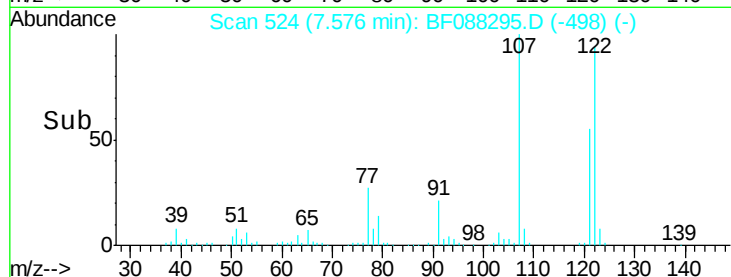
121 58.4 46.3 69.5



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: 41.32 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

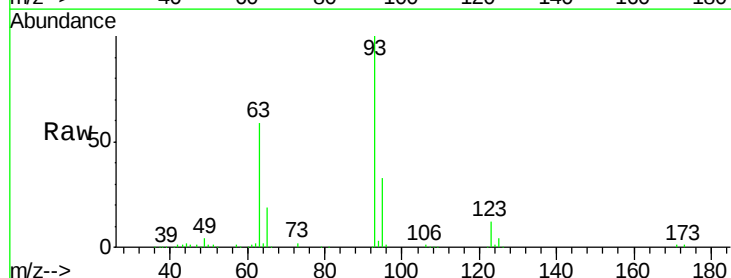
Tgt Ion: 93 Resp: 302099

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

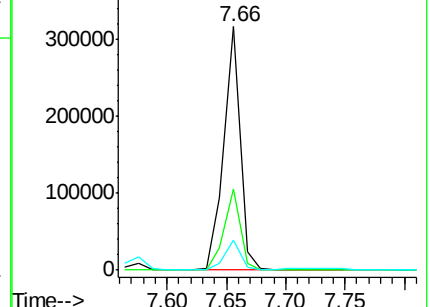
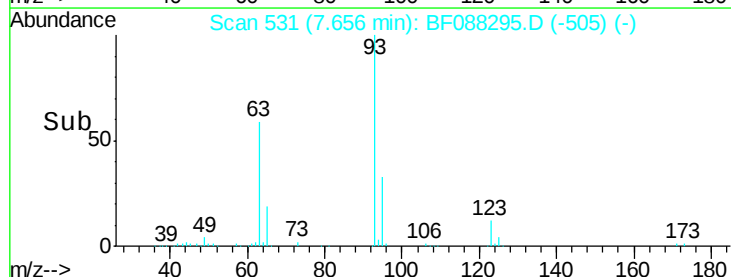
123 12.1 11.6 17.4



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

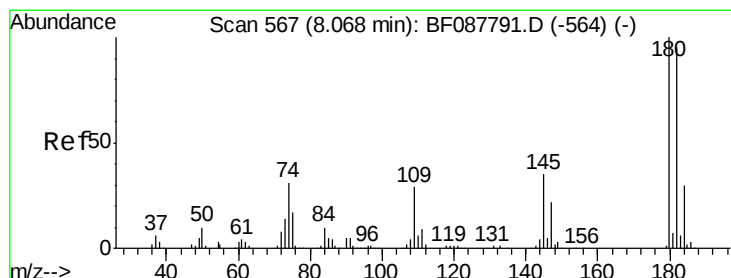
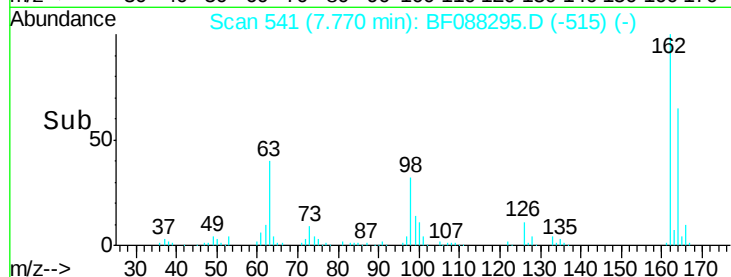
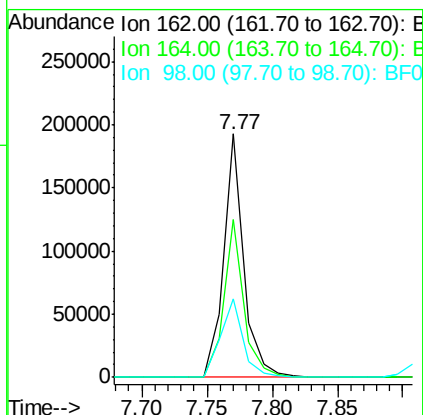
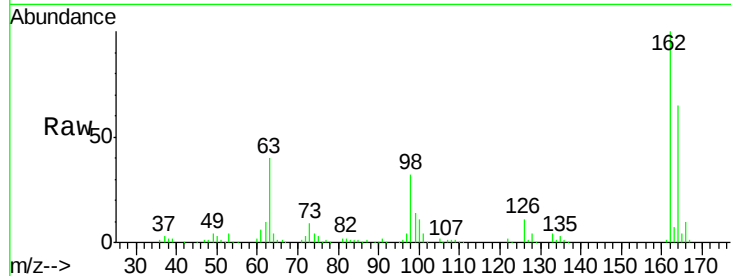




#29
 2,4-Dichlorophenol
 Concen: 40.59 ng
 RT: 7.77 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

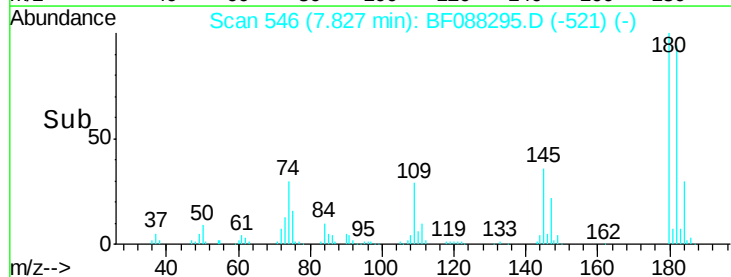
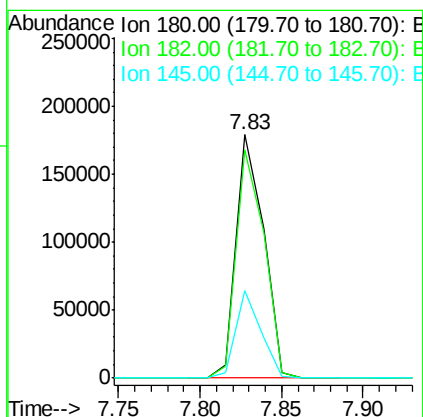
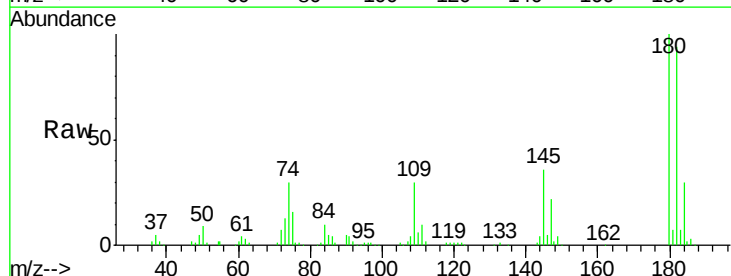
Instrument :
 BNA_F
 ClientSampled :

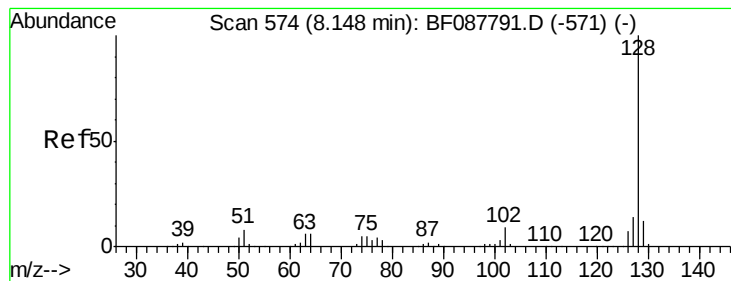
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.8	83.8
98	32.3	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 37.64 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.0	114.0
145	35.8	26.5	39.7





#31

Naphthalene

Concen: 38.56 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampled :

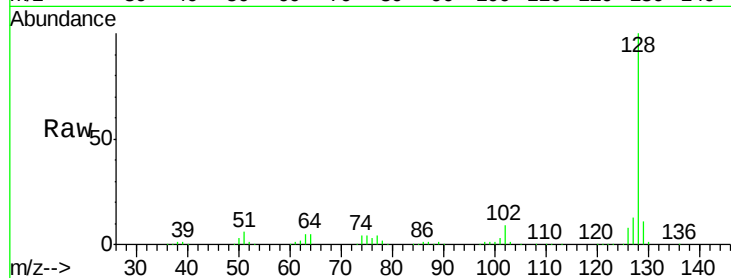
Tgt Ion:128 Resp: 709270

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

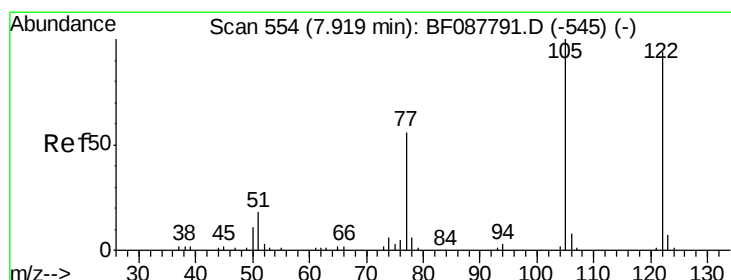
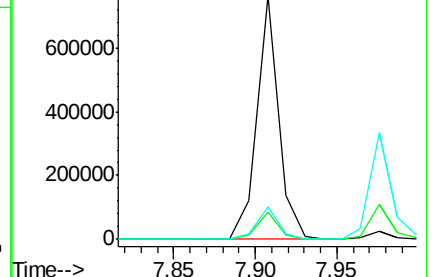
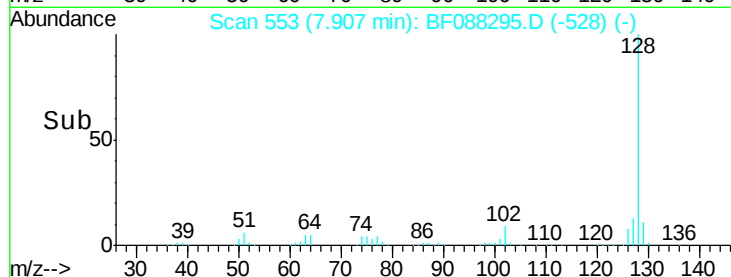
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.67 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

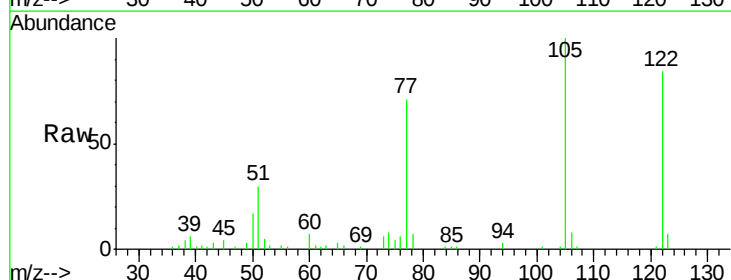
Tgt Ion:122 Resp: 112751

Ion Ratio Lower Upper

122 100

105 119.5 101.6 141.6

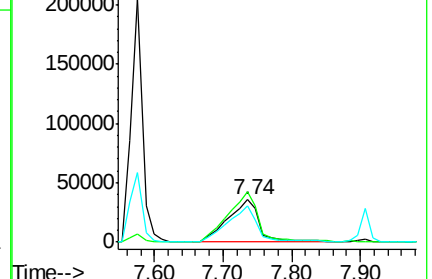
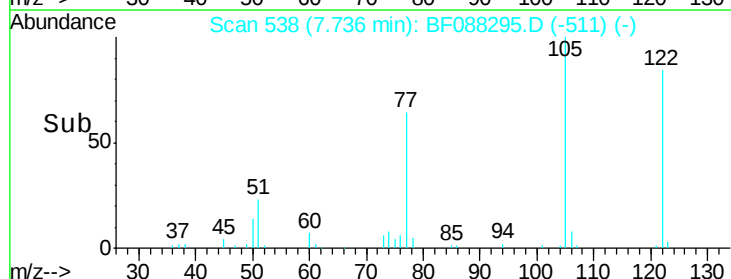
77 85.2 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

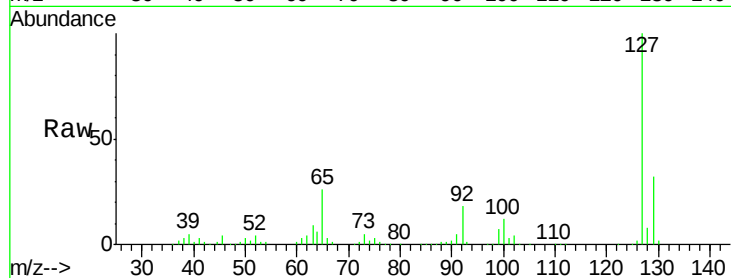




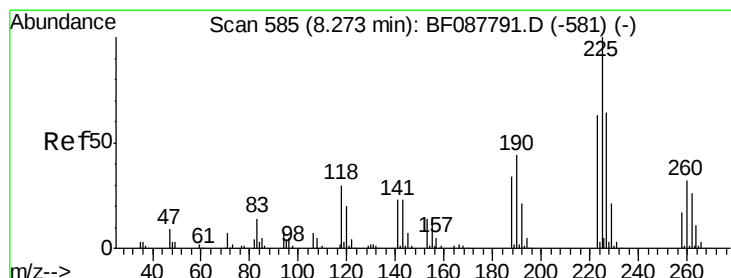
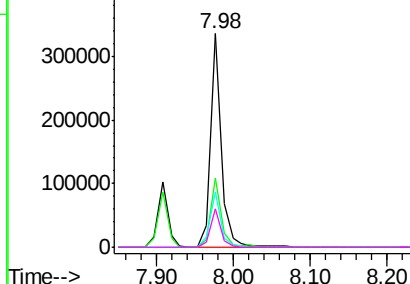
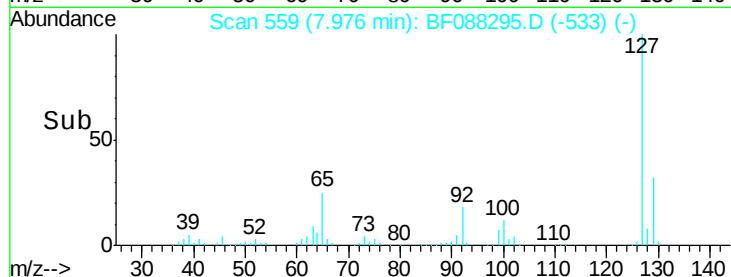
#33
4-Chloroaniline
Concen: 39.27 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Instrument :
BNA_F
ClientSampled :

Tgt Ion:	127	Resp:	322532
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	25.6	24.7	37.1
92	17.9	15.4	23.0

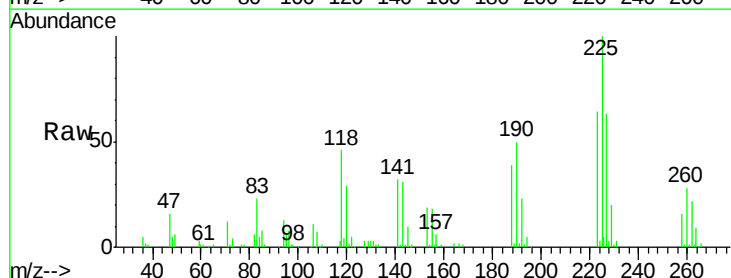


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

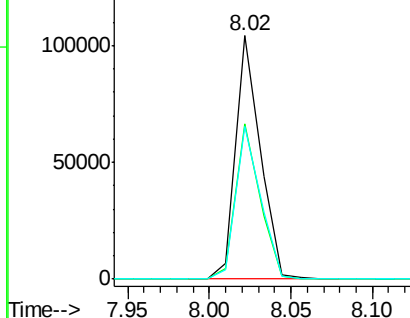
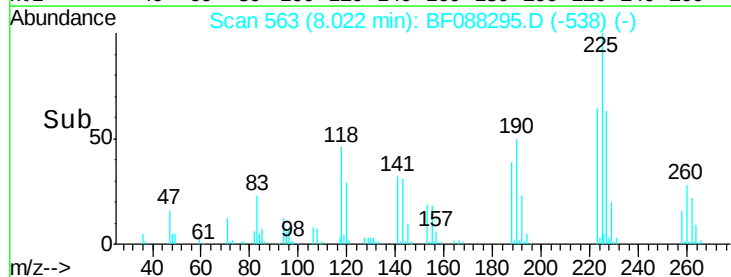


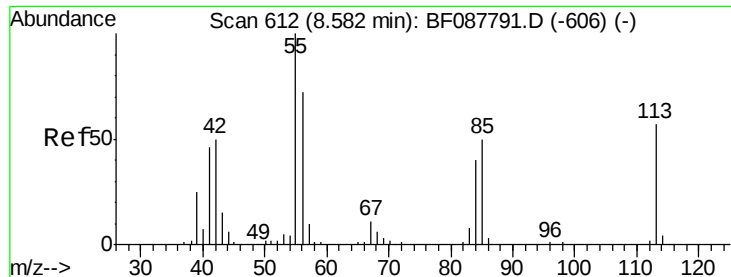
#34
Hexachlorobutadiene
Concen: 36.92 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Tgt Ion:	225	Resp:	107644
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	62.5	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

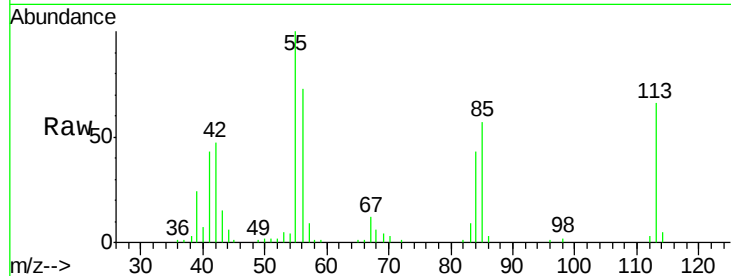




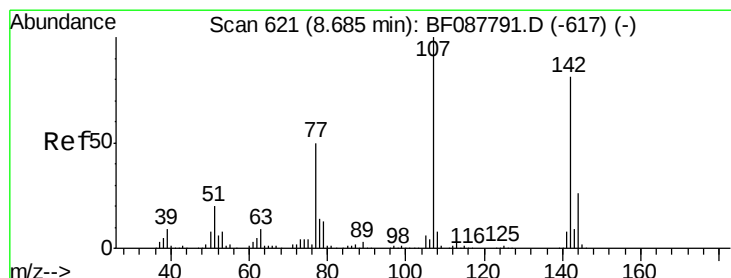
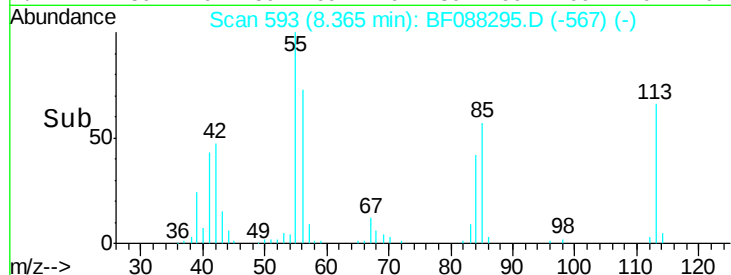
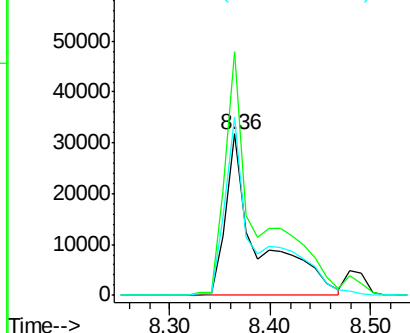
#35
 Caprolactam
 Concen: 42.48 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:113 Resp: 71436
 Ion Ratio Lower Upper
 113 100
 55 150.8 158.6 198.6#
 56 110.4 110.6 150.6#

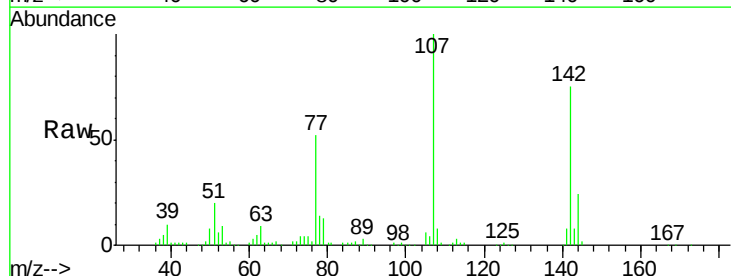


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

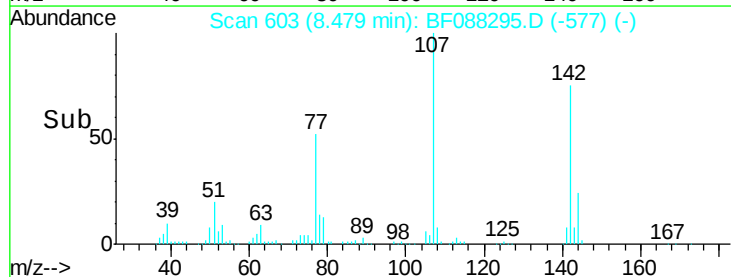
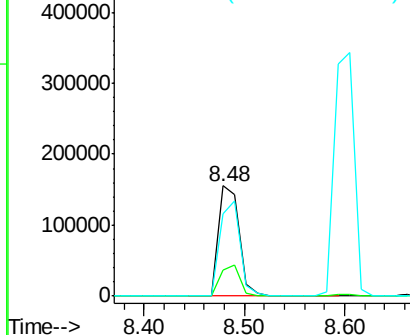


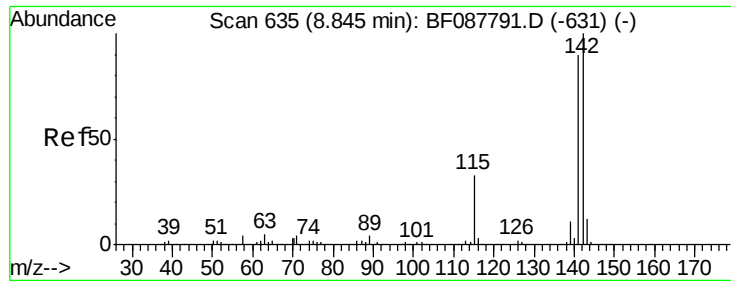
#36
 4-Chloro-3-methylphenol
 Concen: 41.08 ng
 RT: 8.48 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Tgt Ion:107 Resp: 223037
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.8 31.2
 142 74.6 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: 38.98 ng

RT: 8.60 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

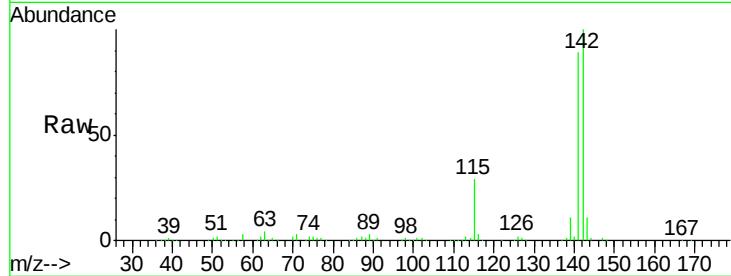
Tgt Ion:142 Resp: 472584

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

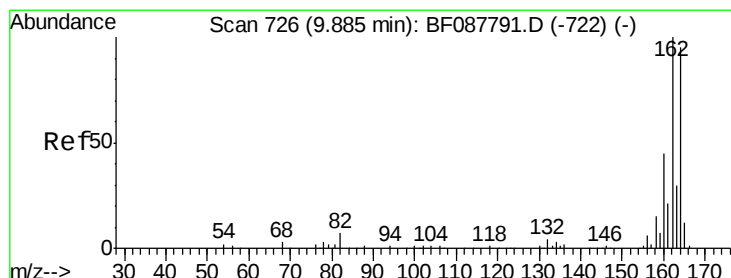
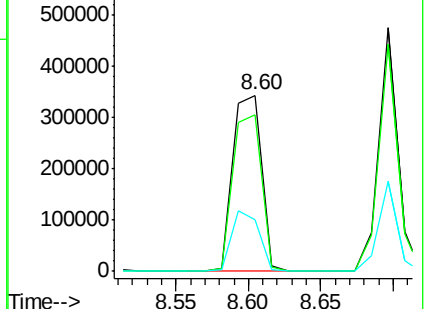
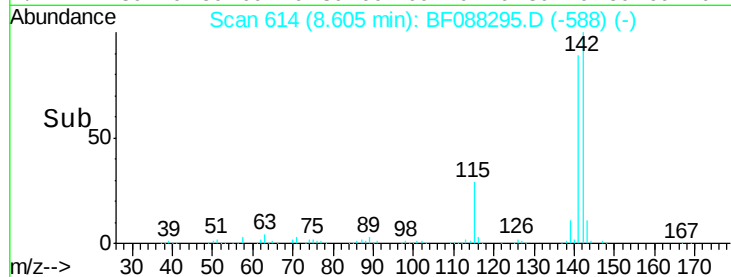
115 29.3 22.6 33.8



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: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

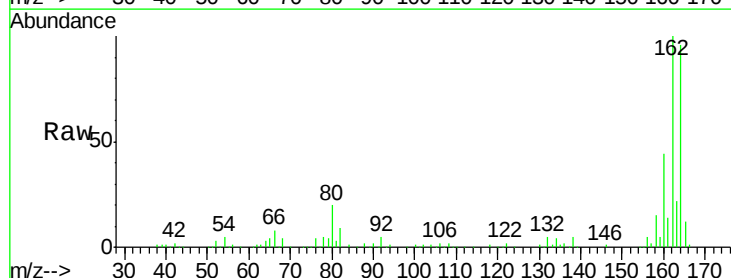
Tgt Ion:164 Resp: 177270

Ion Ratio Lower Upper

164 100

162 104.6 85.4 128.2

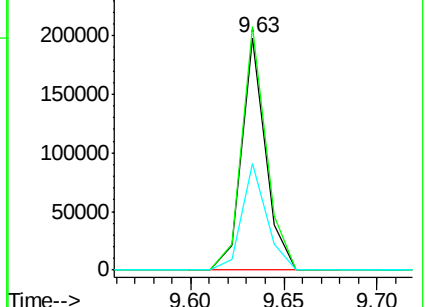
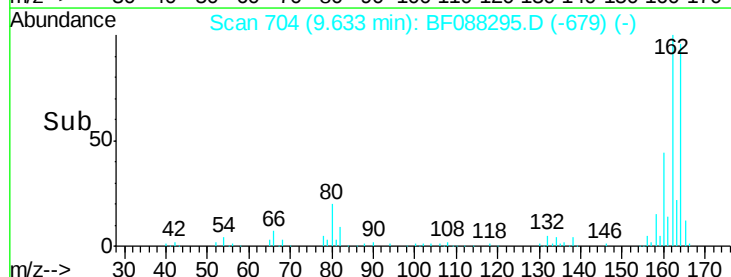
160 46.1 39.5 59.3



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: 40.34 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF088295.D

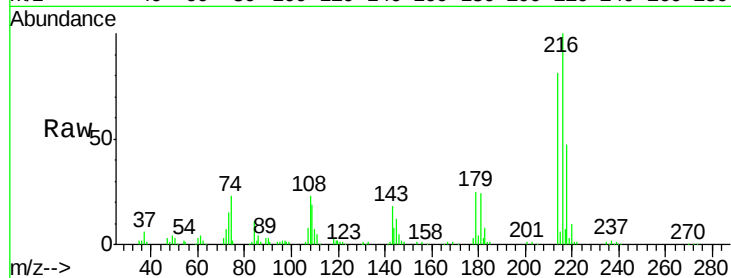
Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	216	Resp:	192715
Ion	Ratio	Lower	Upper
216	100		
214	79.9	2.9	4.3#
179	23.4	0.0	0.0#
108	22.8	0.5	0.7#

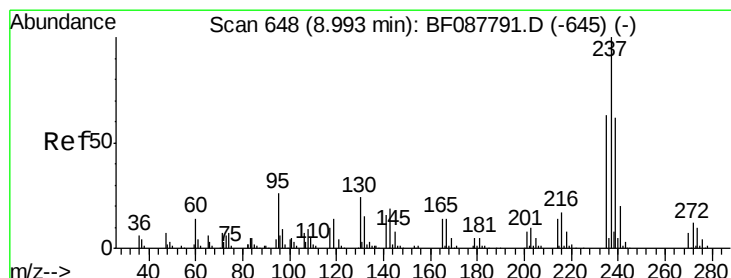
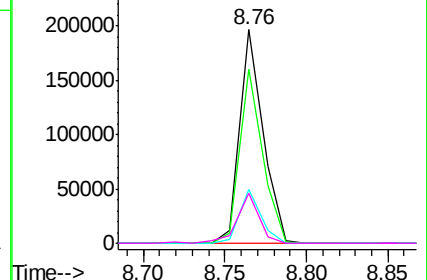
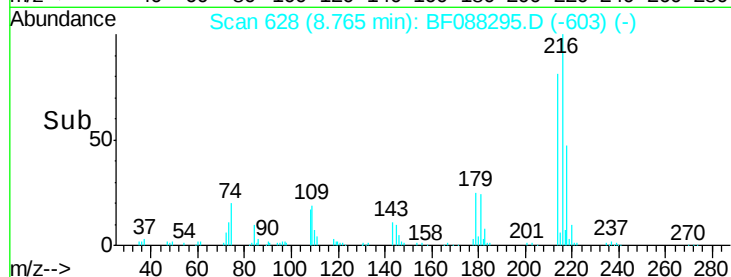


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.44 ng

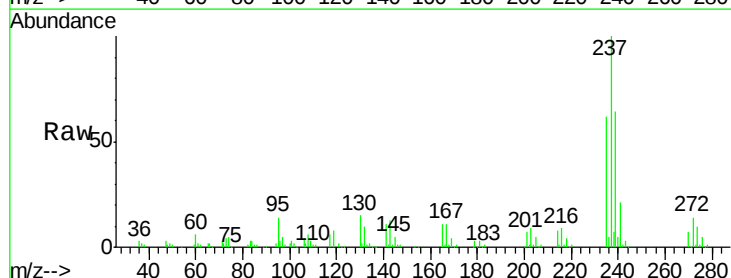
RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

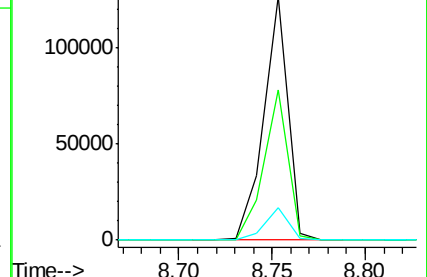
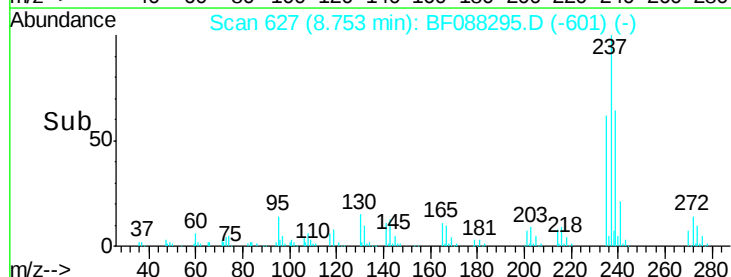
Tgt Ion:	237	Resp:	112766
Ion	Ratio	Lower	Upper
237	100		
235	61.5	43.4	83.4
272	13.5	0.0	32.3

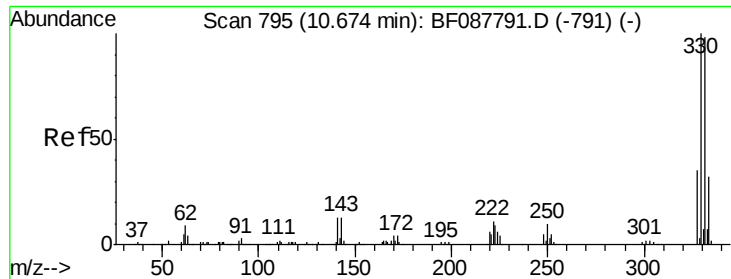


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

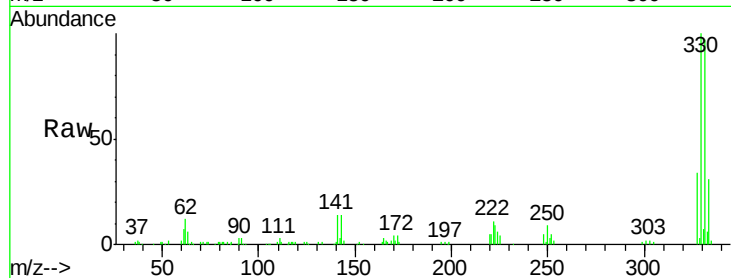




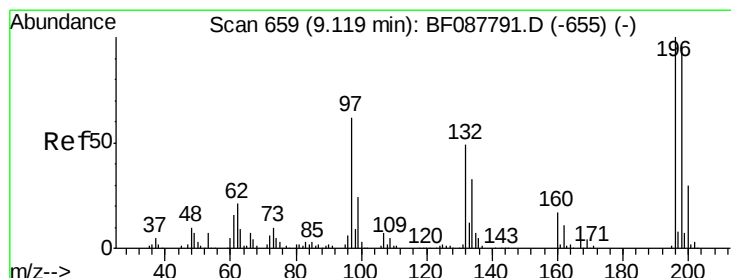
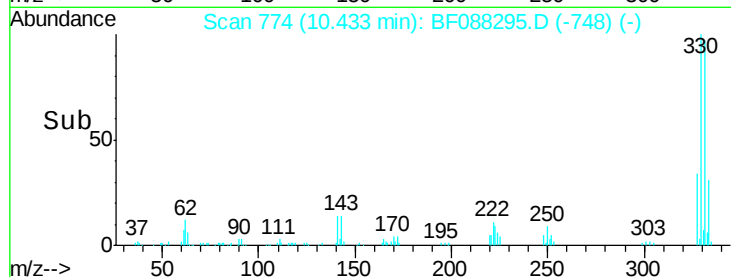
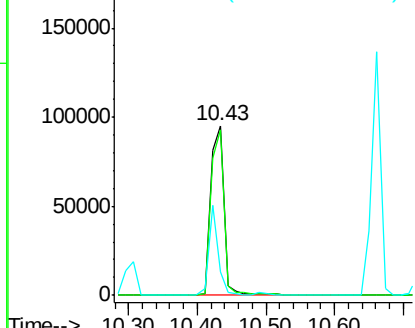
#41
 2,4,6-Tribromophenol
 Concen: 70.55 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 132063
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 37.0 0.0 0.0#

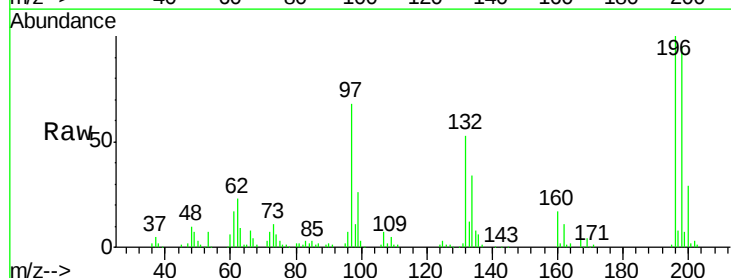


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

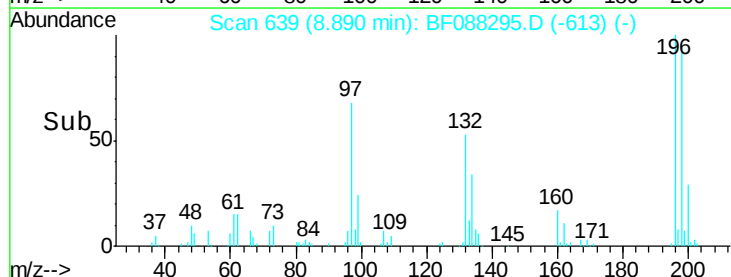
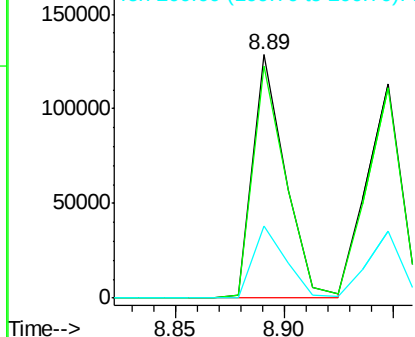


#42
 2,4,6-Trichlorophenol
 Concen: 37.78 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Tgt Ion:196 Resp: 133919
 Ion Ratio Lower Upper
 196 100
 198 95.1 78.0 117.0
 200 29.4 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

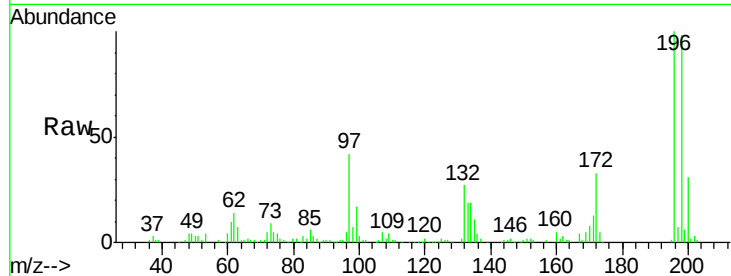




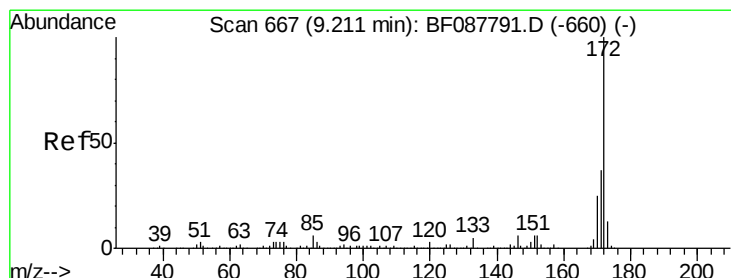
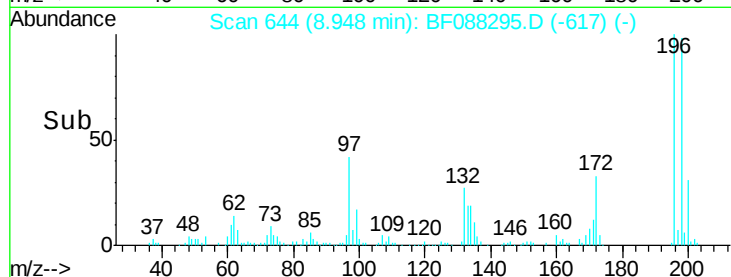
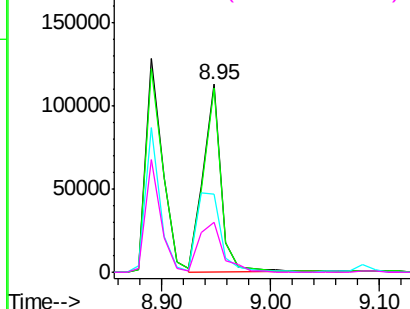
#43
 2,4,5-Trichlorophenol
 Concen: 35.73 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.01 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	196	Resp:	131763
Ion	Ratio	Lower	Upper
196	100		
198	98.2	77.5	116.3
97	41.7	32.0	48.0
132	26.7	20.9	31.3

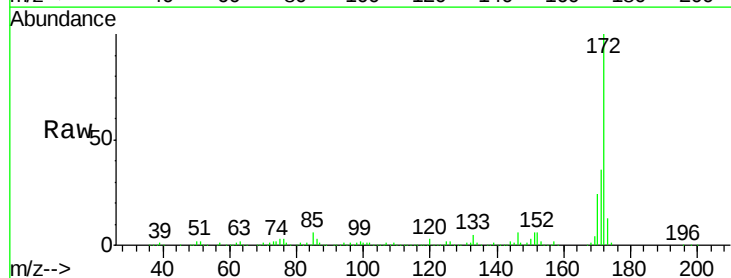


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

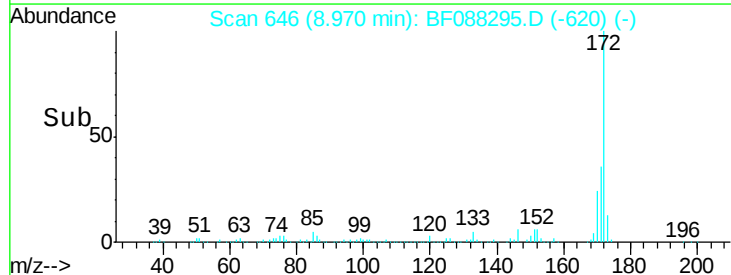
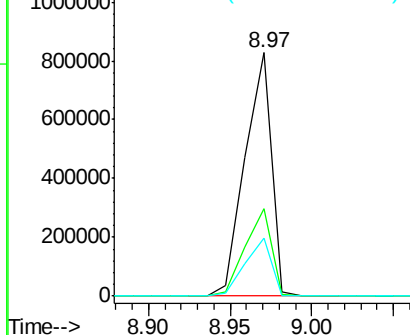


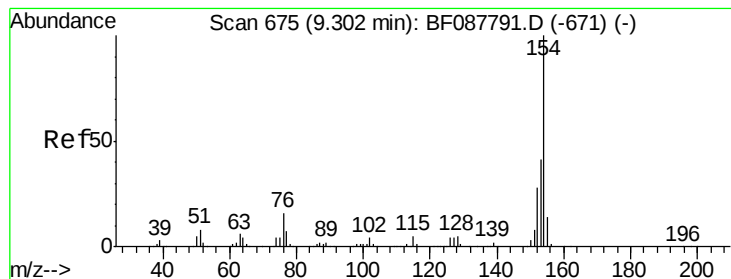
#44
 2-Fluorobiphenyl
 Concen: 82.02 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Tgt Ion:	172	Resp:	927759
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.0	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: 39.88 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

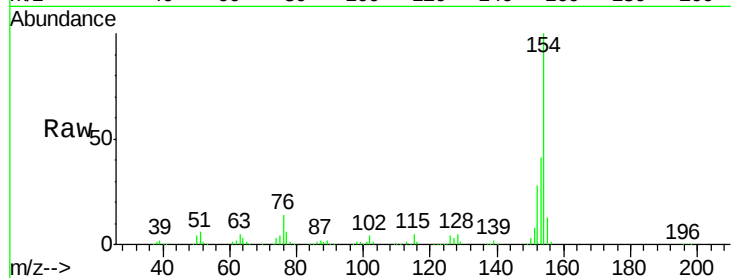
Tgt Ion:154 Resp: 540037

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

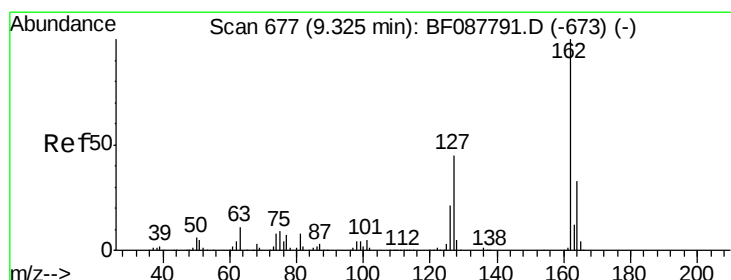
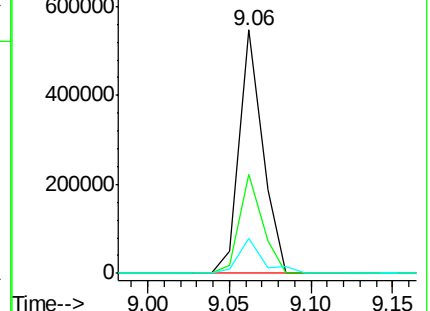
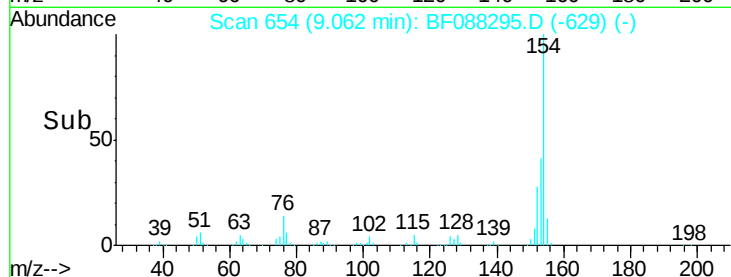
76 14.2 0.0 35.1



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: 37.93 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

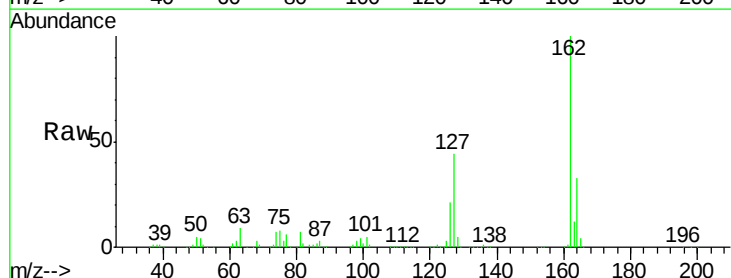
Tgt Ion:162 Resp: 435093

Ion Ratio Lower Upper

162 100

127 43.9 35.2 52.8

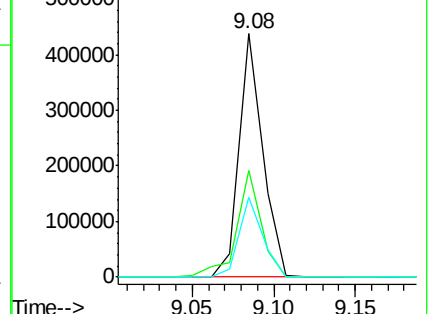
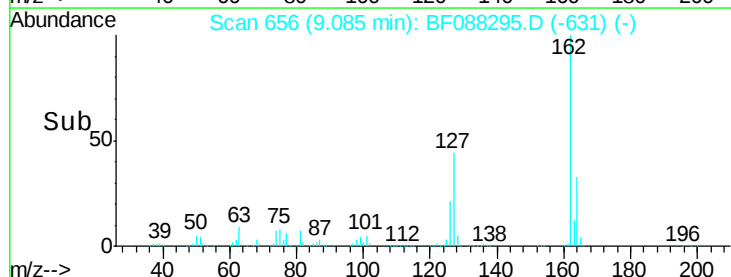
164 32.6 26.6 39.8

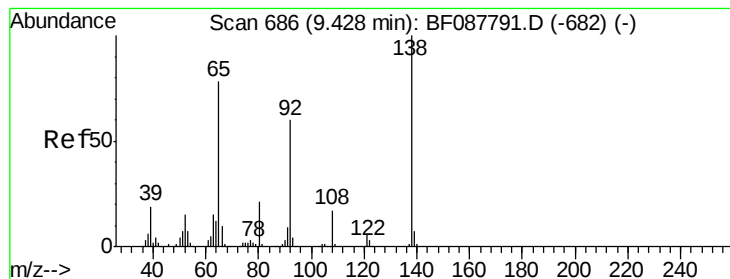


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.50 ng

RT: 9.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

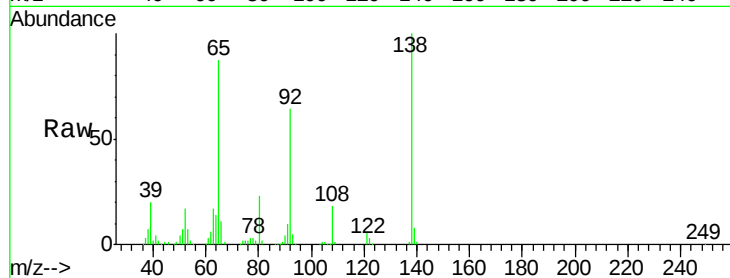
Tgt Ion: 65 Resp: 126883

Ion Ratio Lower Upper

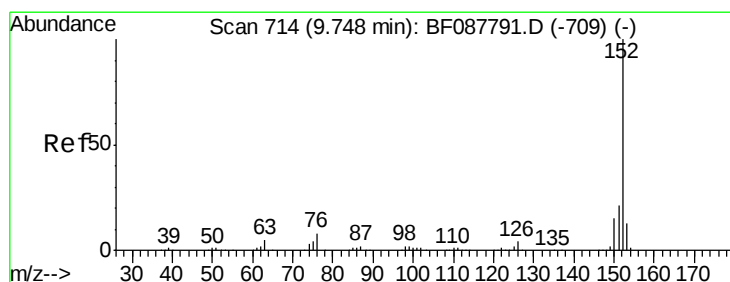
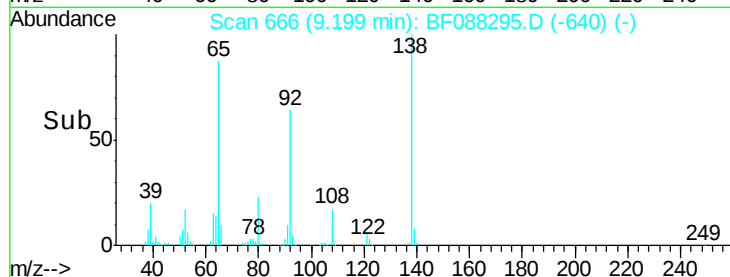
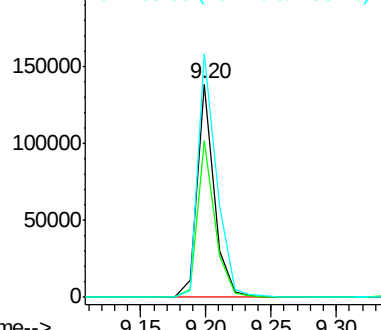
65 100

92 73.3 54.6 82.0

138 114.3 77.0 115.4



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



#48

Acenaphthylene

Concen: 36.27 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

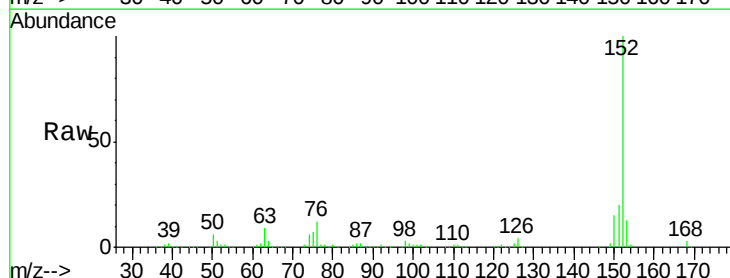
Tgt Ion: 152 Resp: 661767

Ion Ratio Lower Upper

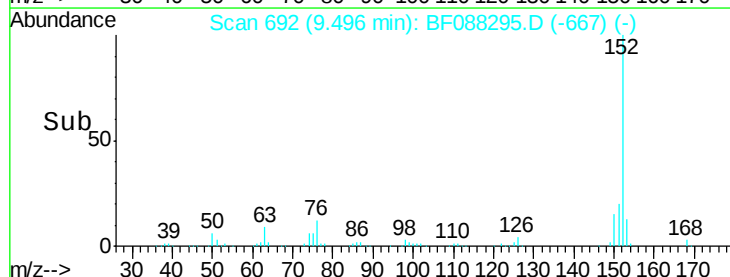
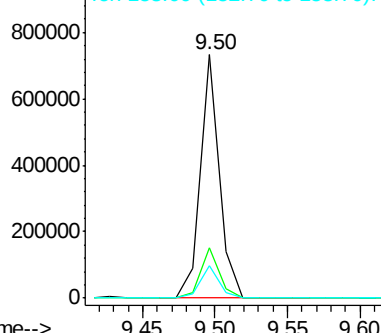
152 100

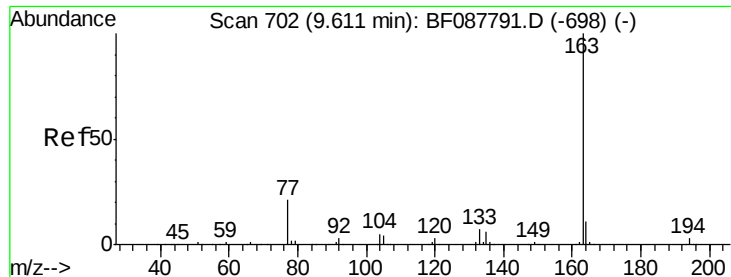
151 20.4 16.2 24.4

153 13.5 11.0 16.6



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

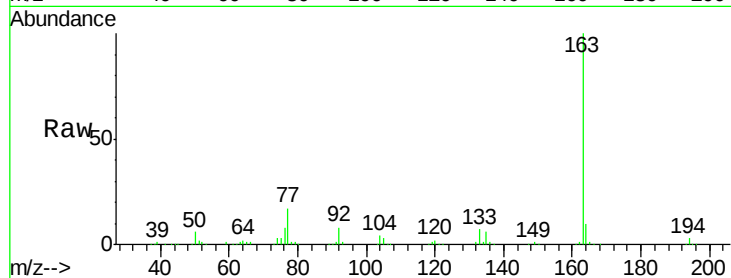




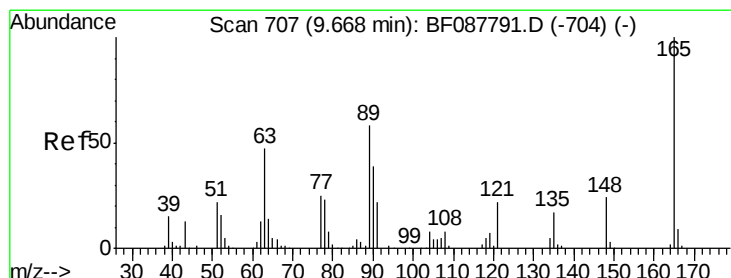
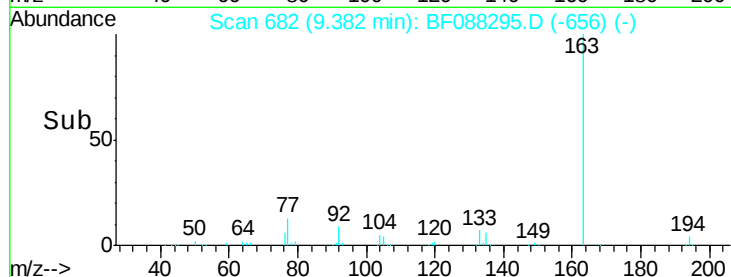
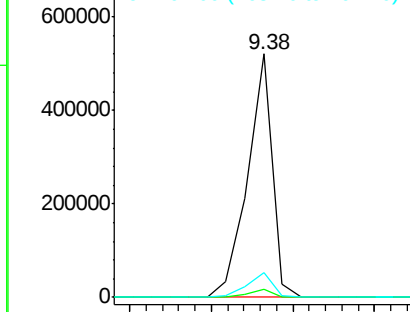
#49
Dimethylphthalate
Concen: 42.44 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 545021
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.3 8.3 12.5

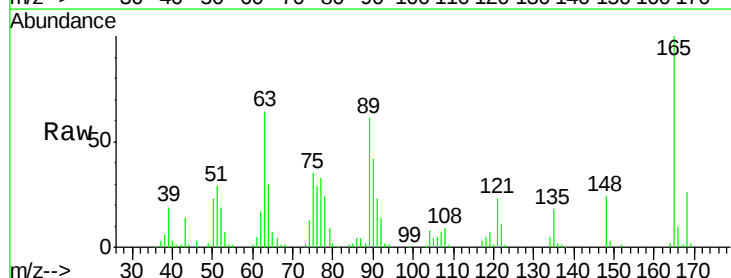


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

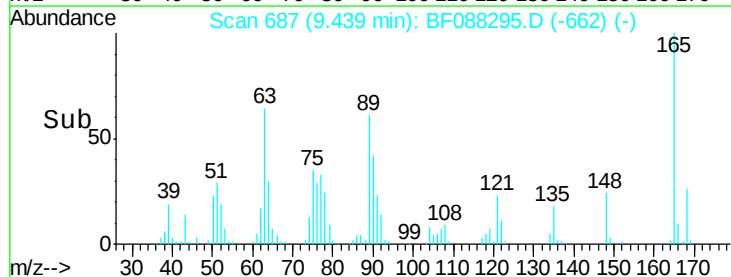
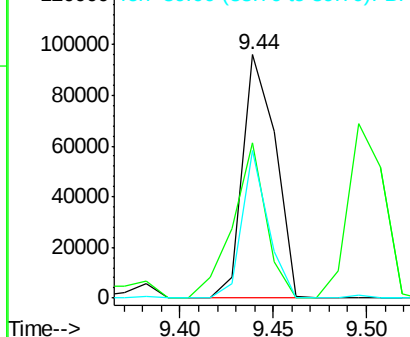


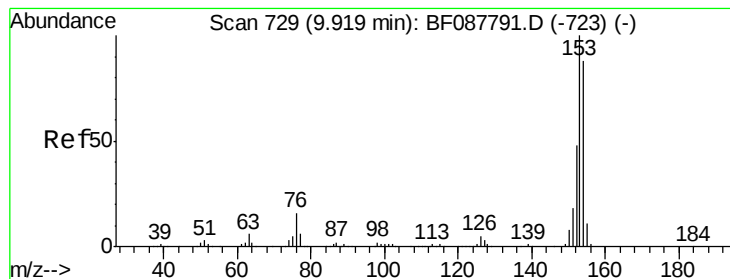
#50
2,6-Dinitrotoluene
Concen: 39.87 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Tgt Ion:165 Resp: 117256
Ion Ratio Lower Upper
165 100
63 64.0 28.1 42.1#
89 60.9 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: 34.17 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

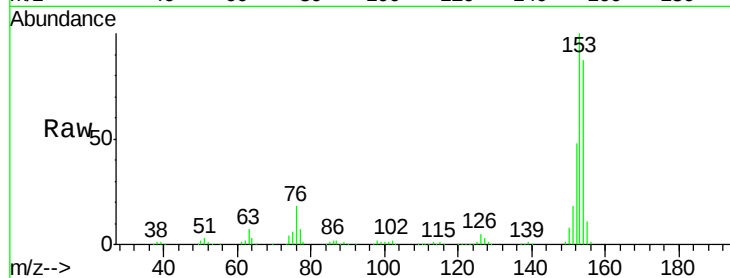
Tgt Ion:154 Resp: 388952

Ion Ratio Lower Upper

154 100

153 114.3 89.5 134.3

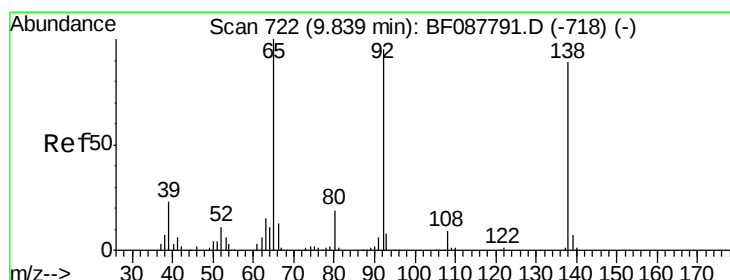
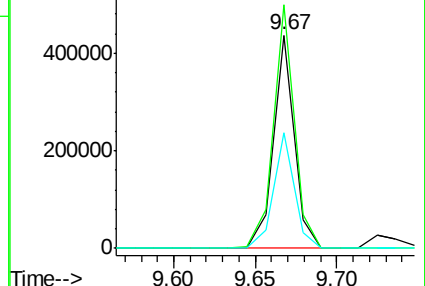
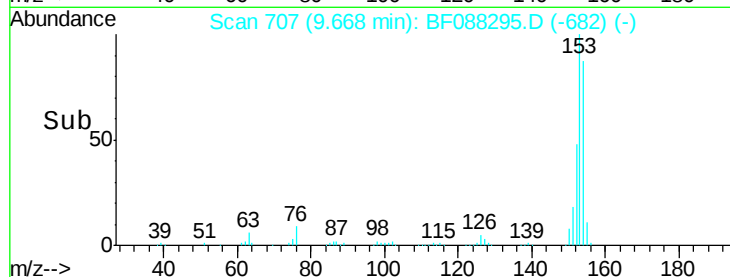
152 54.4 42.7 64.1



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: 43.35 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

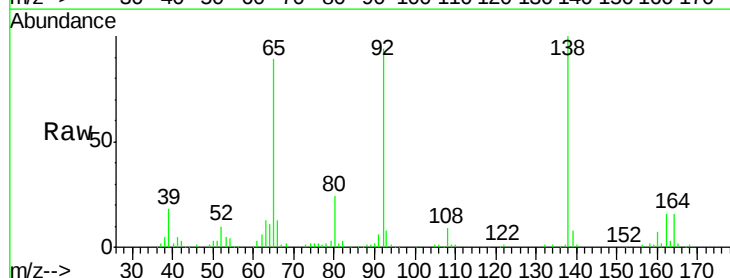
Tgt Ion:138 Resp: 147112

Ion Ratio Lower Upper

138 100

108 9.2 8.5 12.7

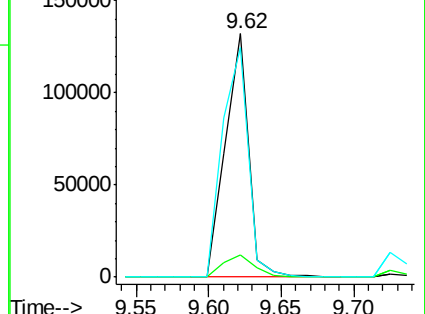
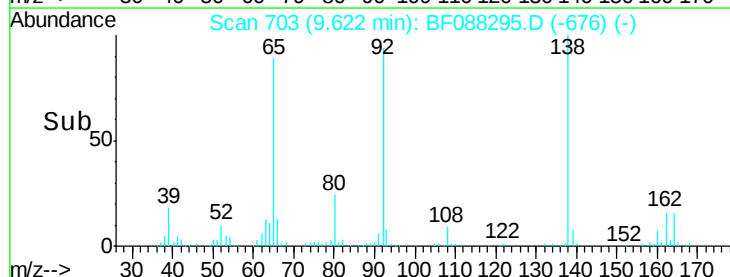
92 94.2 95.7 143.5#

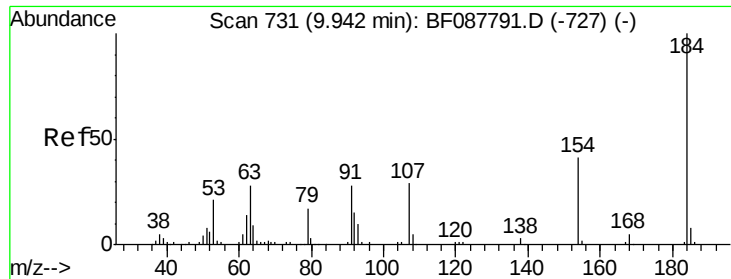


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

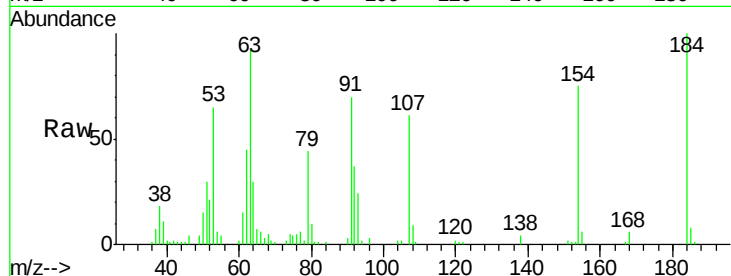




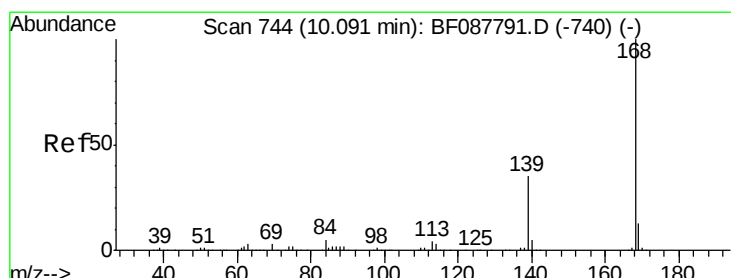
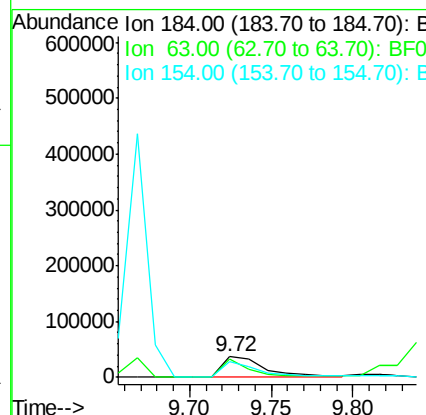
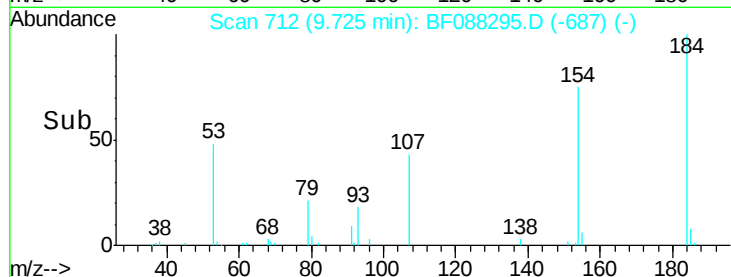
#53
 2,4-Dinitrophenol
 Concen: 49.02 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:184 Resp: 70434
 Ion Ratio Lower Upper
 184 100
 63 92.1 57.6 86.4#
 154 74.9 53.5 80.3

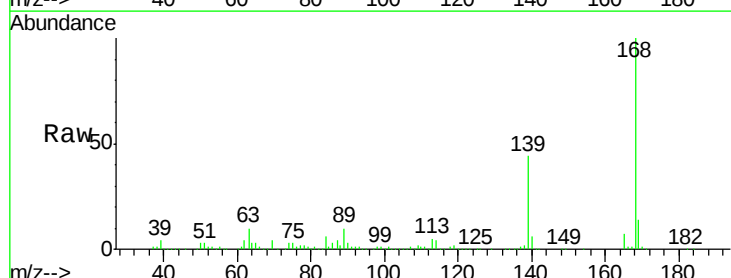


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

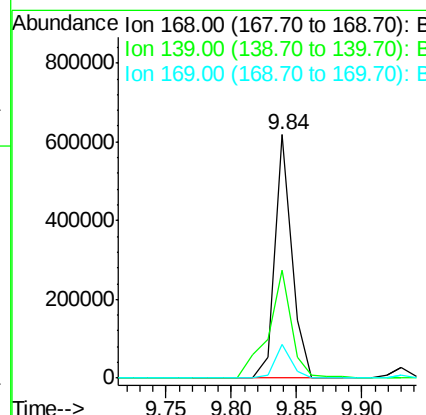
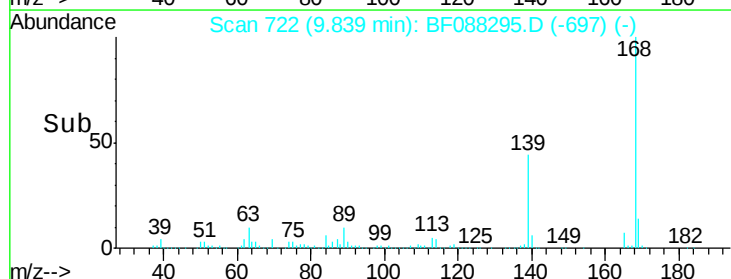


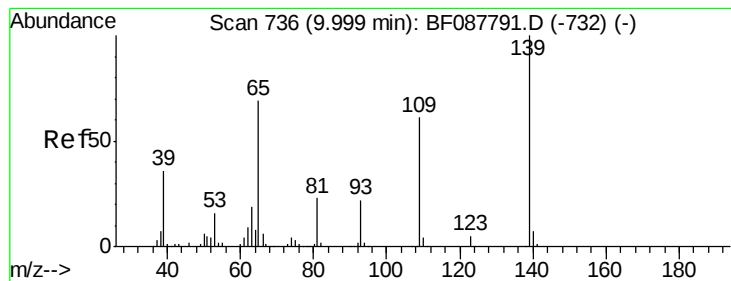
#54
 Dibenzofuran
 Concen: 35.99 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Tgt Ion:168 Resp: 564128
 Ion Ratio Lower Upper
 168 100
 139 44.4 26.4 39.6#
 169 13.8 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: 41.59 ng m

RT: 9.83 min Scan# 721

Delta R.T. 0.02 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

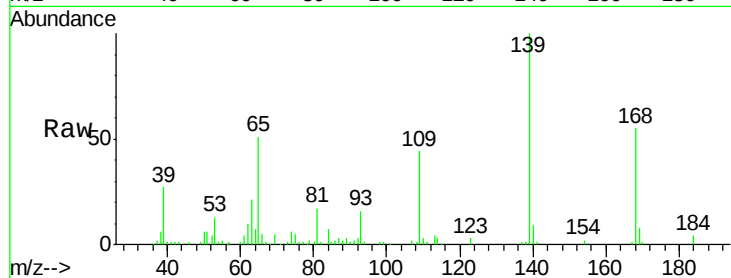
Tgt Ion:139 Resp: 109551

Ion Ratio Lower Upper

139 100

109 44.3 48.9 88.9#

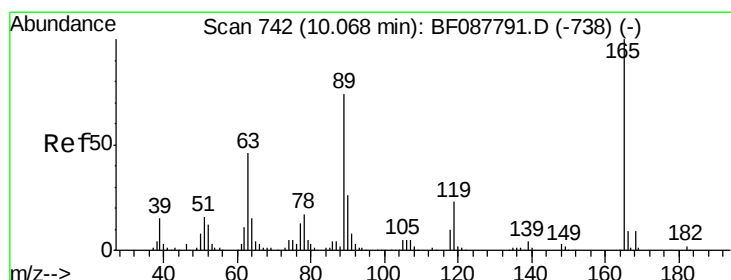
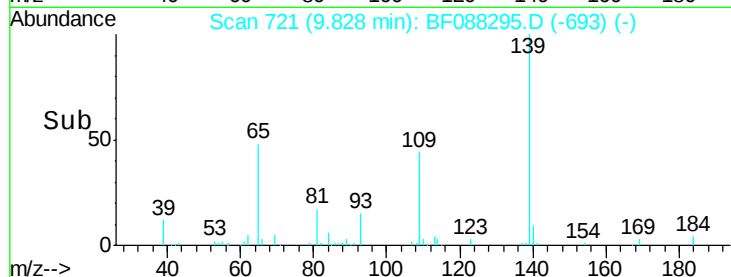
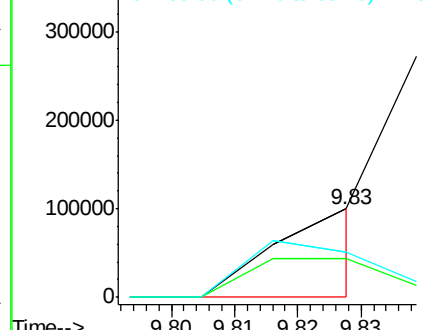
65 50.5 84.9 124.9#



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: 42.31 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Tgt Ion:165 Resp: 159921

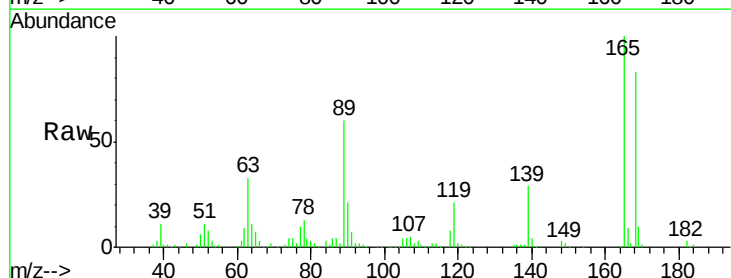
Ion Ratio Lower Upper

165 100

63 33.2 22.0 33.0#

89 59.8 41.1 61.7

182 2.5 2.0 3.0

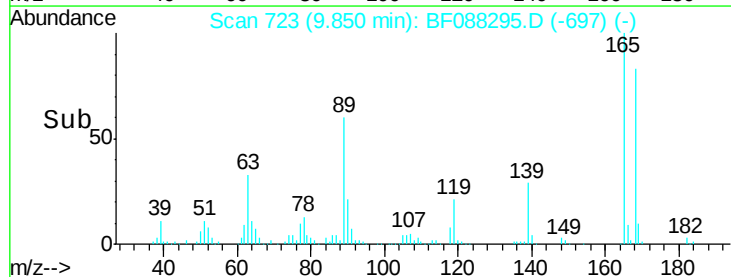
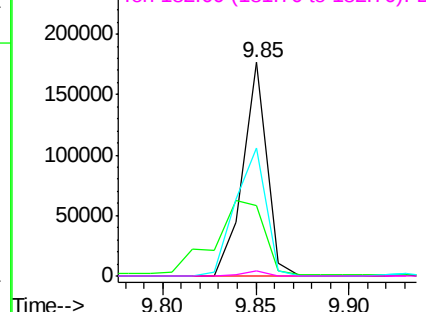


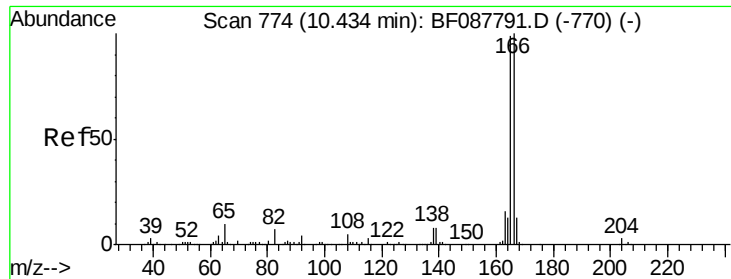
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

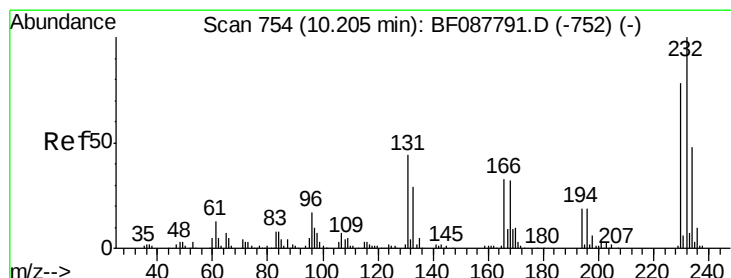
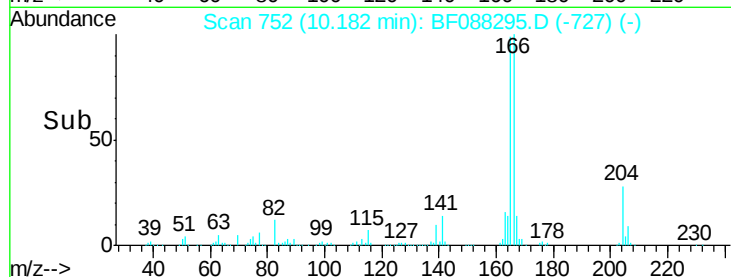
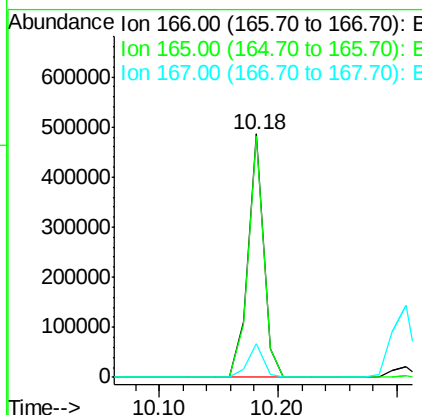
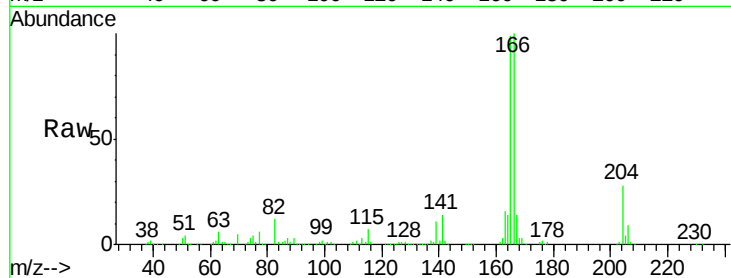




#57
 Fluorene
 Concen: 42.29 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

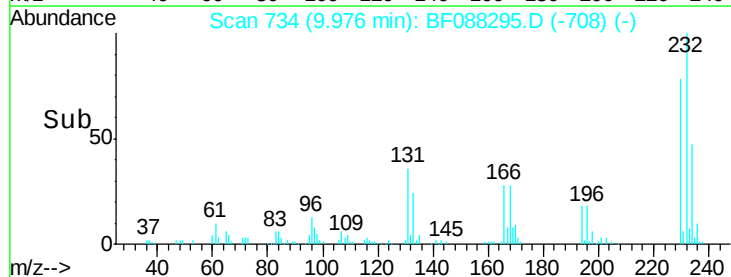
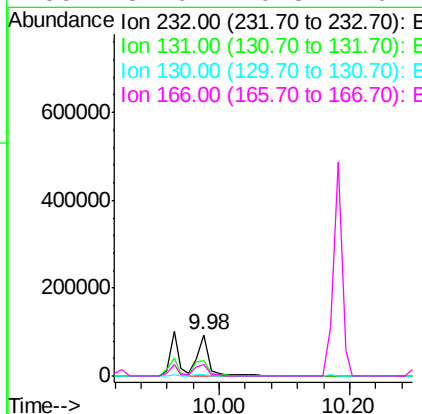
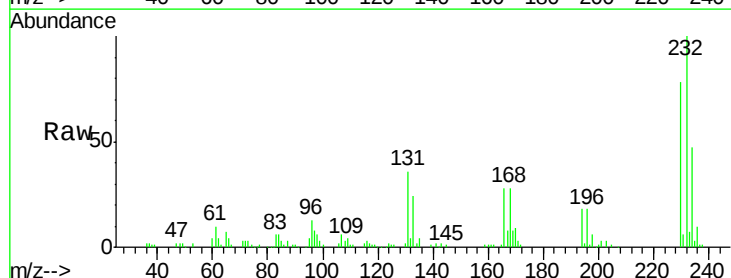
Instrument :
 BNA_F
 ClientSampleId :

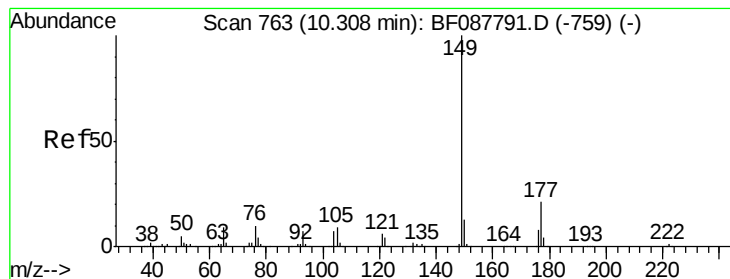
Tgt Ion:166 Resp: 451069
 Ion Ratio Lower Upper
 166 100
 165 99.2 77.8 116.8
 167 13.6 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.03 ng
 RT: 9.98 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Tgt Ion:232 Resp: 113129
 Ion Ratio Lower Upper
 232 100
 131 47.7 0.9 1.3#
 130 2.0 1.5 2.3
 166 31.0 0.5 0.7#





#59

Diethylphthalate

Concen: 40.25 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

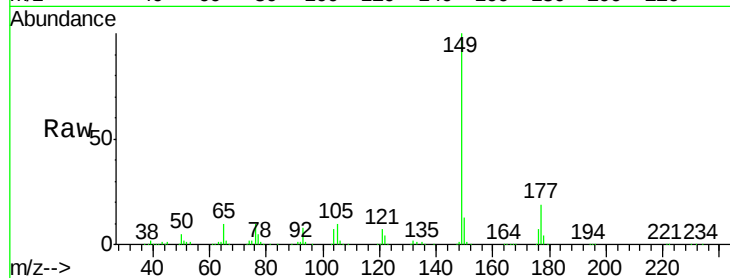
Tgt Ion:149 Resp: 523199

Ion Ratio Lower Upper

149 100

177 19.2 16.9 25.3

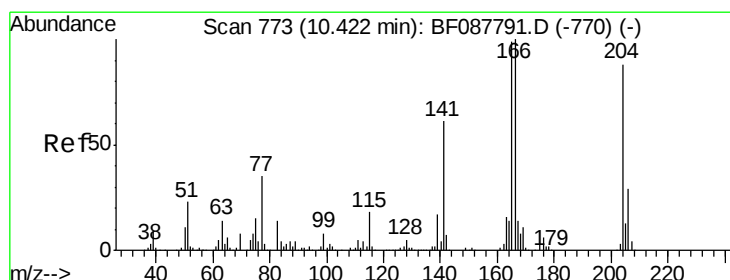
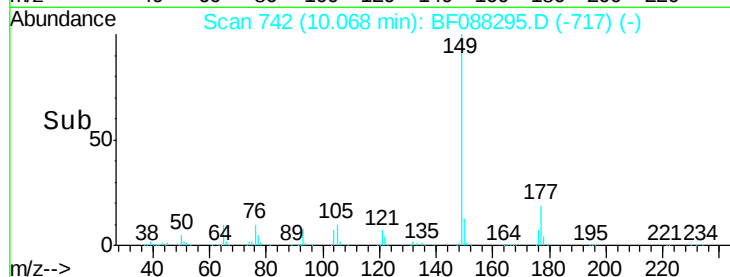
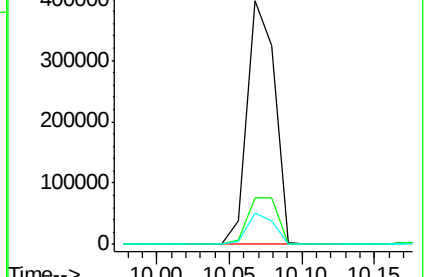
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.79 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

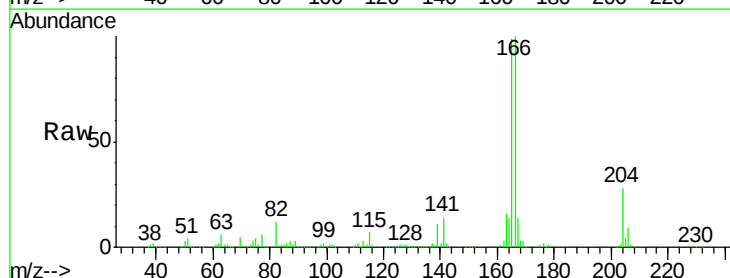
Tgt Ion:204 Resp: 186554

Ion Ratio Lower Upper

204 100

206 33.5 26.3 39.5

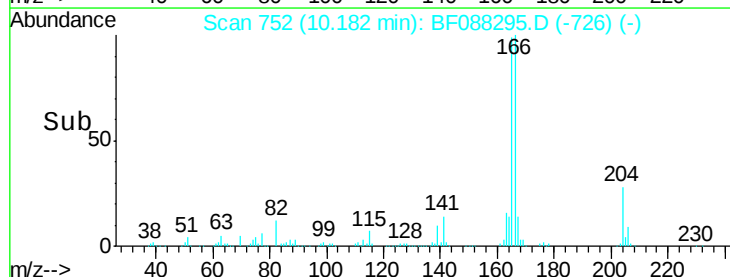
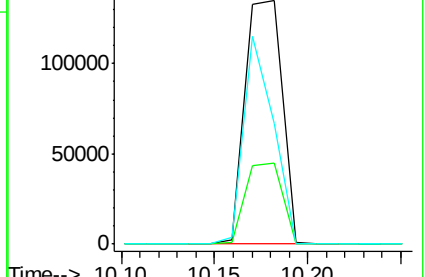
141 49.8 55.0 82.6#

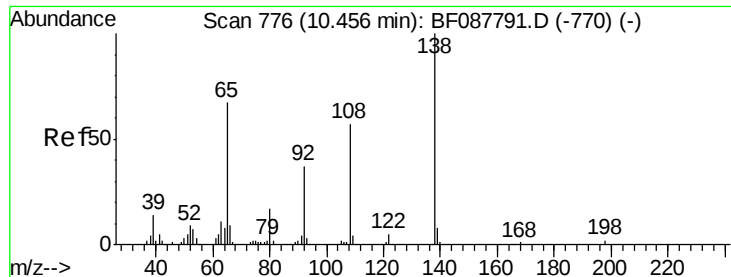


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

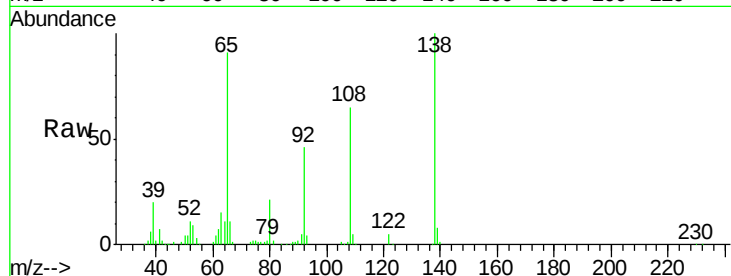




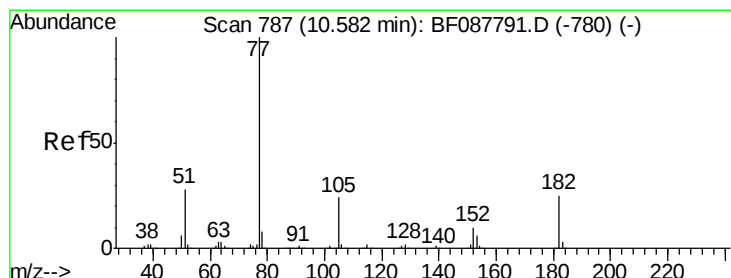
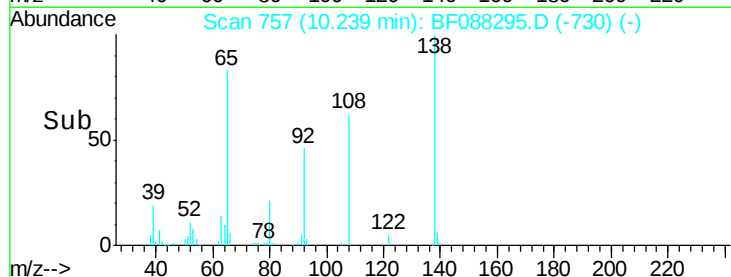
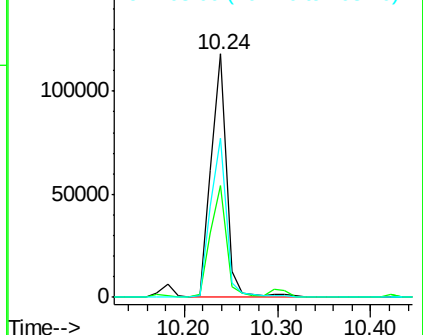
#61
4-Nitroaniline
Concen: 43.09 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 138695
Ion Ratio Lower Upper
138 100
92 46.0 27.3 67.3
108 65.4 46.7 86.7

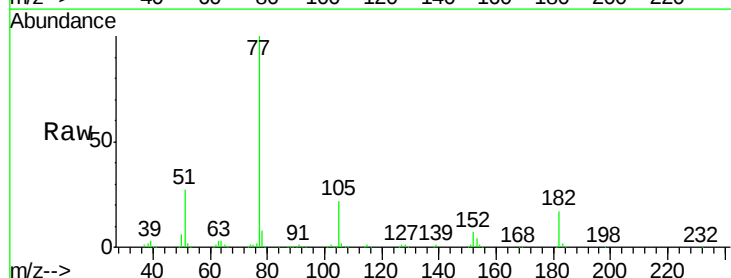


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

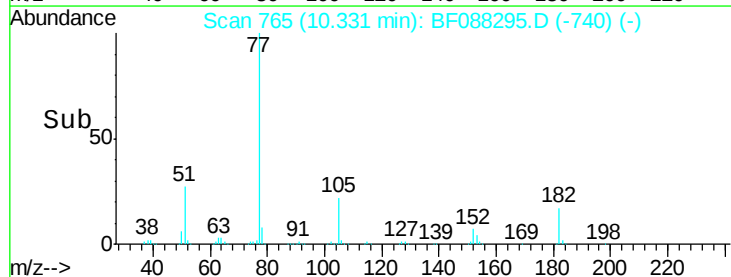
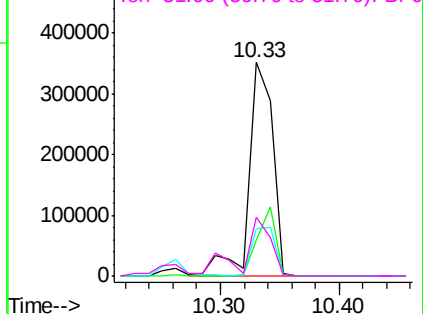


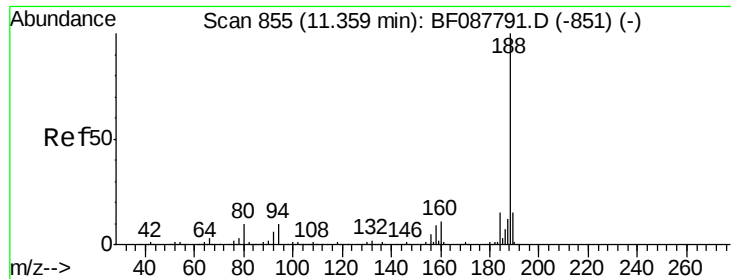
#62
Azobenzene
Concen: 38.54 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Tgt Ion: 77 Resp: 495325
Ion Ratio Lower Upper
77 100
182 17.1 4.4 44.4
105 21.9 3.8 43.8
51 27.5 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: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

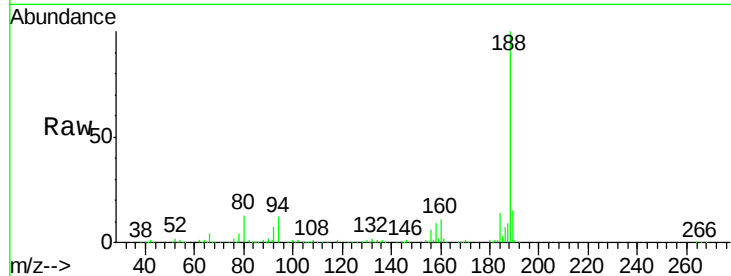
Tgt Ion:188 Resp: 338751

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.6

80 12.5 10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.11

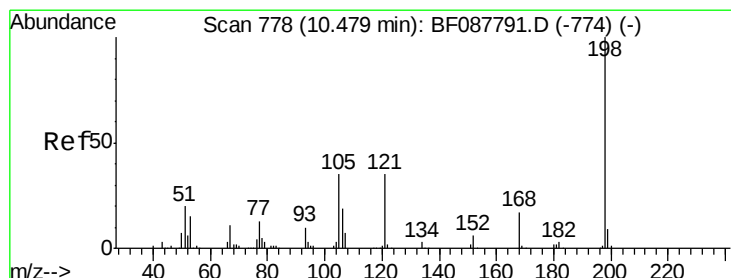
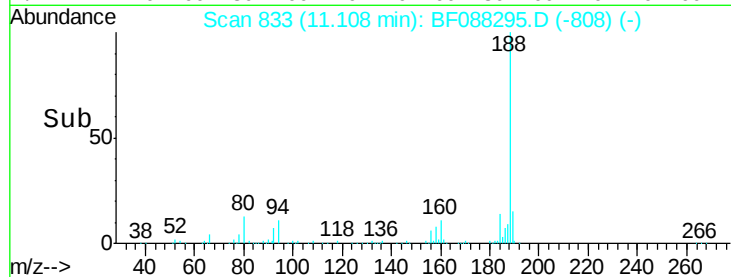
300000

200000

100000

0

Time--> 11.05 11.10 11.15



#64

4,6-Dinitro-2-methylphenol

Concen: 35.48 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

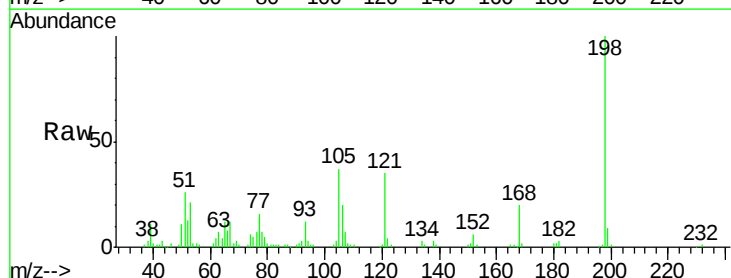
Tgt Ion:198 Resp: 73775

Ion Ratio Lower Upper

198 100

51 26.0 39.6 79.6#

105 36.7 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

120000

100000

80000

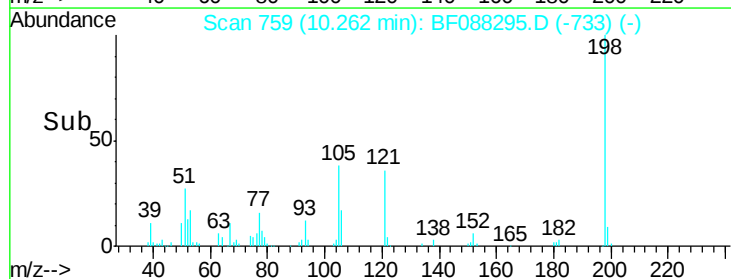
60000

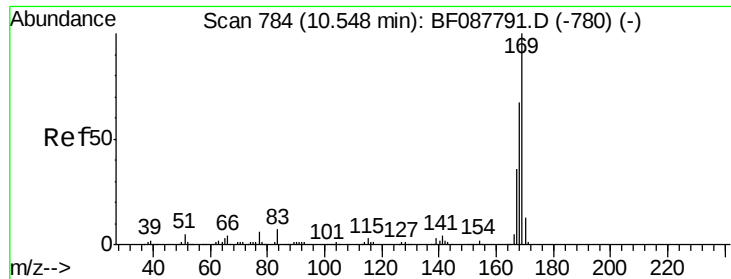
40000

20000

0

Time--> 10.20 10.26 10.30 10.40





#65

n-Nitrosodiphenylamine

Concen: 40.18 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampled :

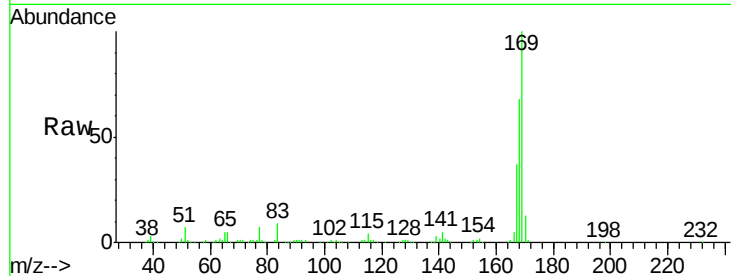
Tgt Ion:169 Resp: 451589

Ion Ratio Lower Upper

169 100

168 68.1 53.4 80.0

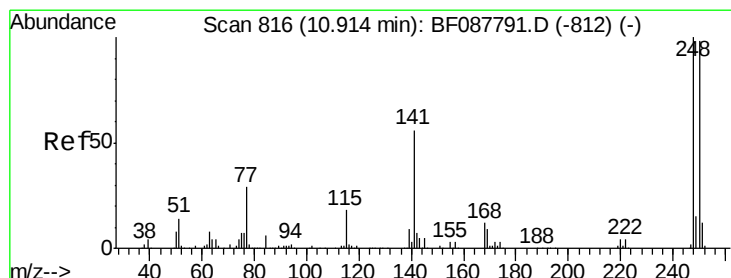
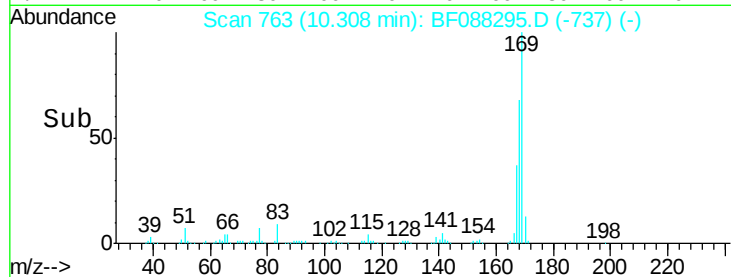
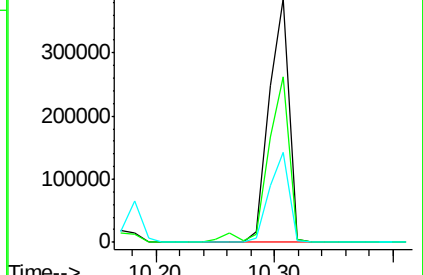
167 37.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.04 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

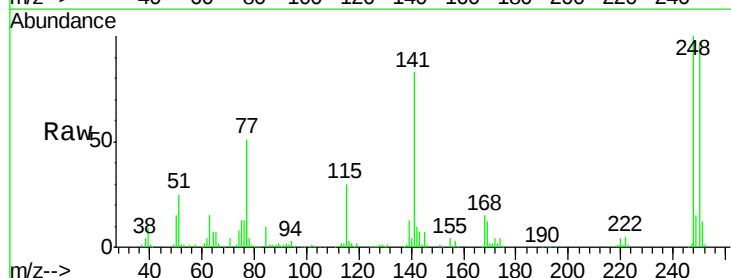
Tgt Ion:248 Resp: 134594

Ion Ratio Lower Upper

248 100

250 97.3 77.1 115.7

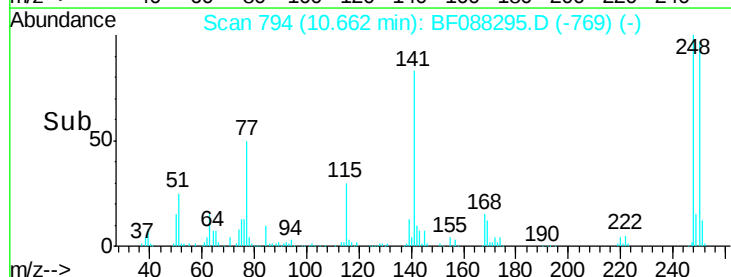
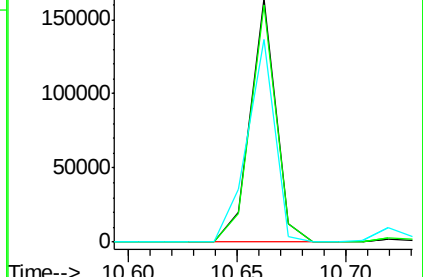
141 83.2 50.6 76.0#

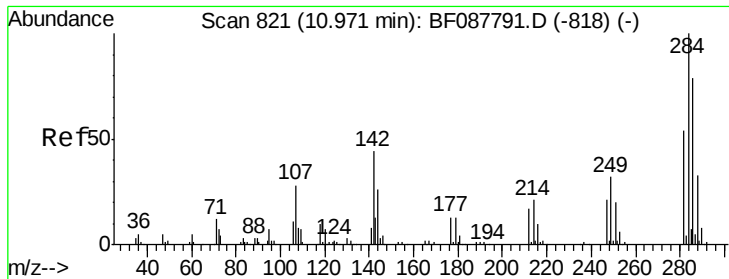


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

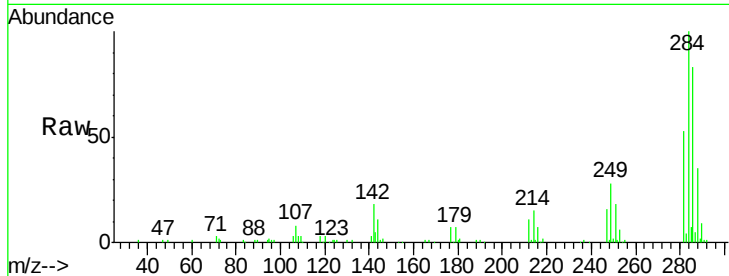




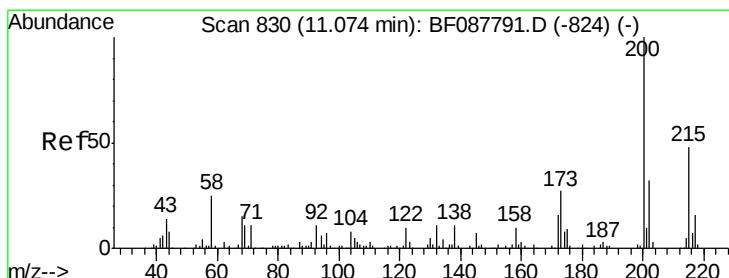
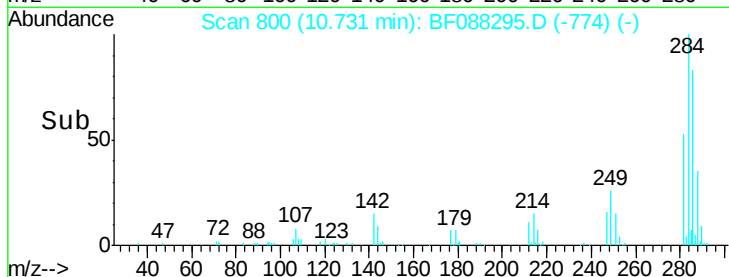
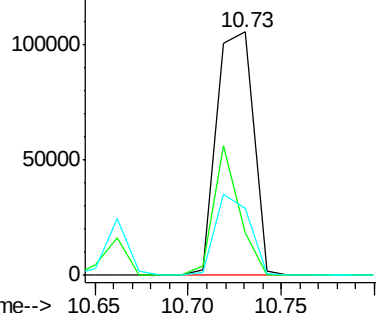
#67
Hexachlorobenzene
Concen: 38.27 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Instrument :
BNA_F
ClientSampled :

Tgt Ion:284 Resp: 144515
Ion Ratio Lower Upper
284 100
142 17.8 35.8 53.8#
249 27.6 25.8 38.6

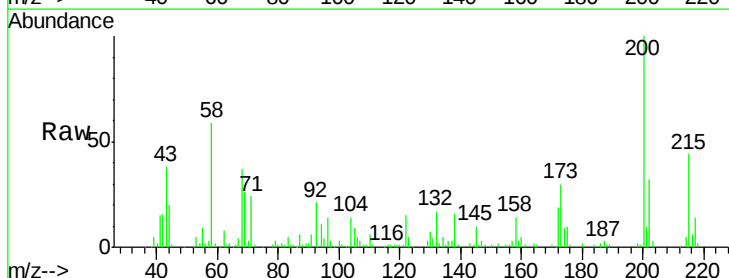


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

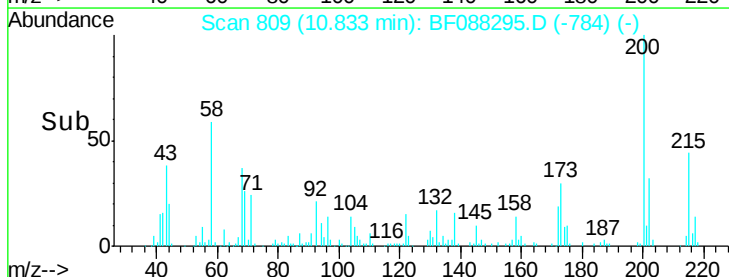
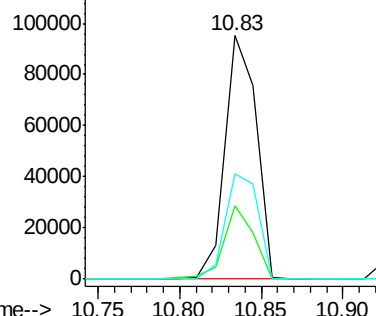


#68
Atrazine
Concen: 37.36 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Tgt Ion:200 Resp: 127155
Ion Ratio Lower Upper
200 100
173 30.3 4.0 44.0
215 43.5 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

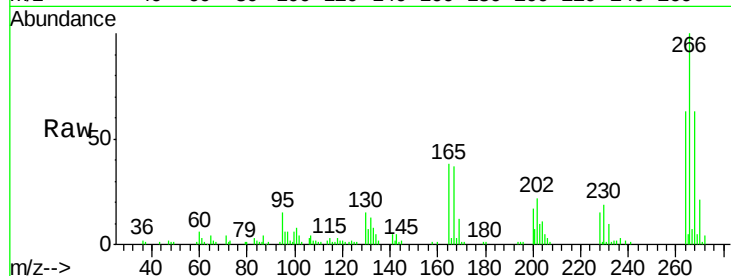




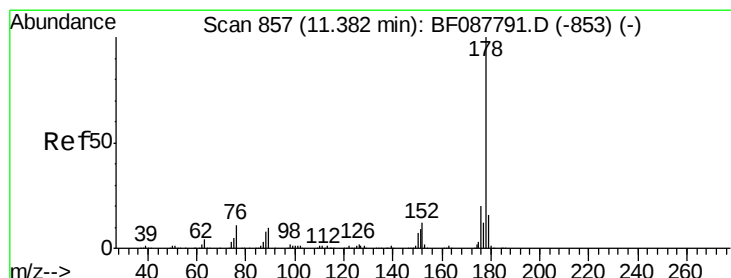
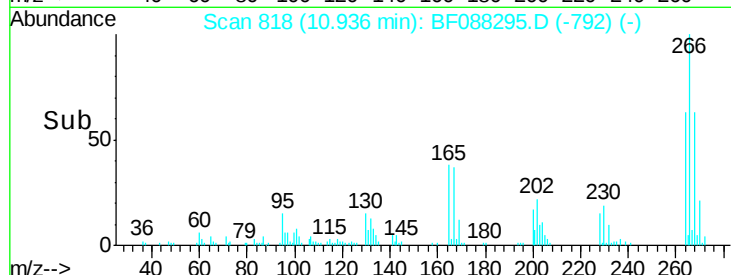
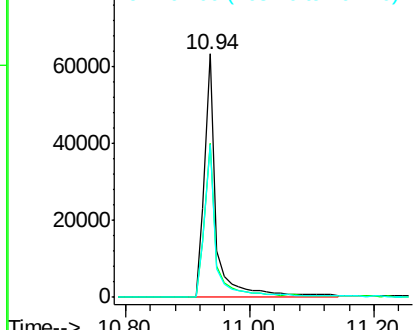
#69
 Pentachlorophenol
 Concen: 43.27 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:266 Resp: 86131
 Ion Ratio Lower Upper
 266 100
 268 63.1 52.8 79.2
 264 62.7 49.6 74.4

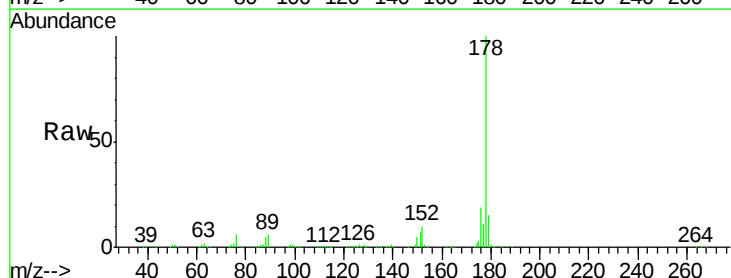


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

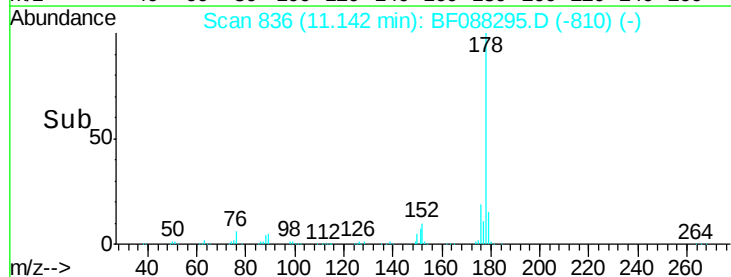
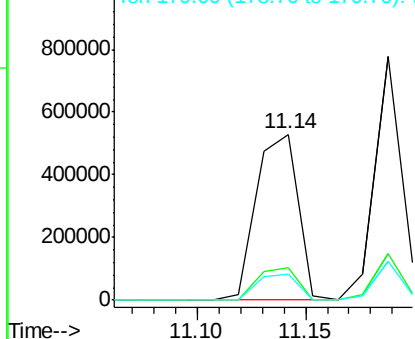


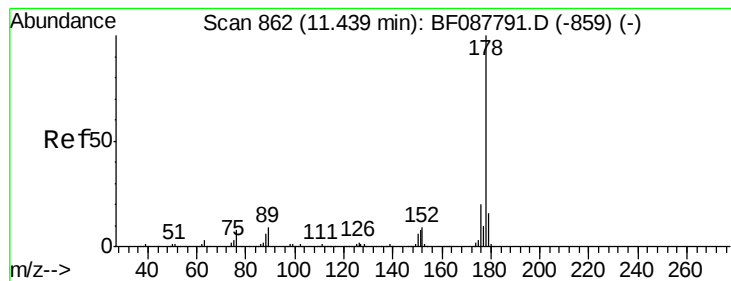
#70
 Phenanthrene
 Concen: 39.95 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Tgt Ion:178 Resp: 710161
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.4 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: 38.03 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

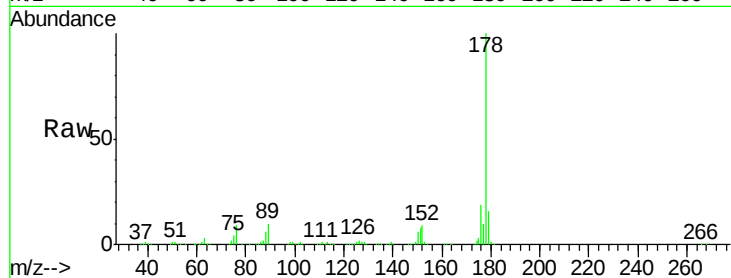
Tgt Ion:178 Resp: 681846

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

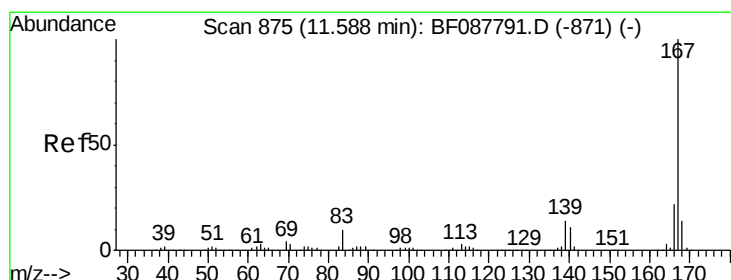
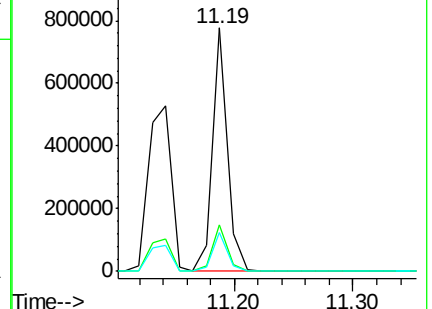
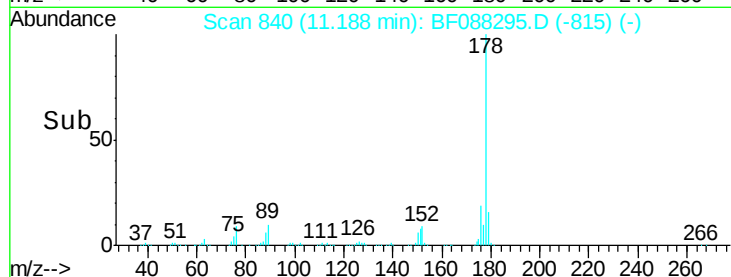
179 15.9 12.8 19.2



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: 42.02 ng

RT: 11.36 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

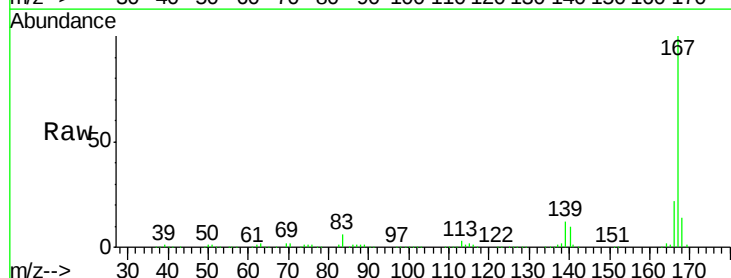
Tgt Ion:167 Resp: 705084

Ion Ratio Lower Upper

167 100

166 21.9 17.8 26.6

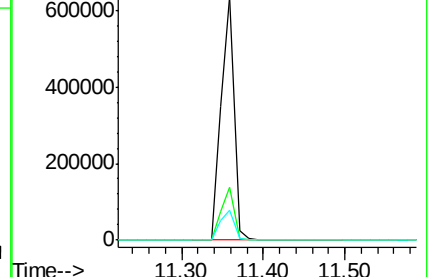
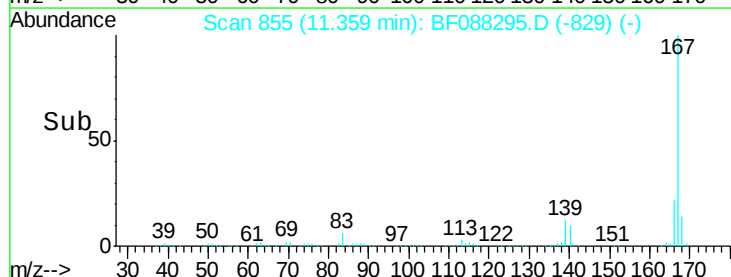
139 12.5 11.2 16.8



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: 36.27 ng

RT: 11.68 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

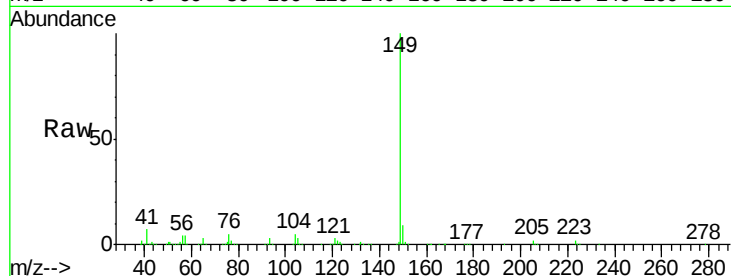
Tgt Ion:149 Resp: 770376

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

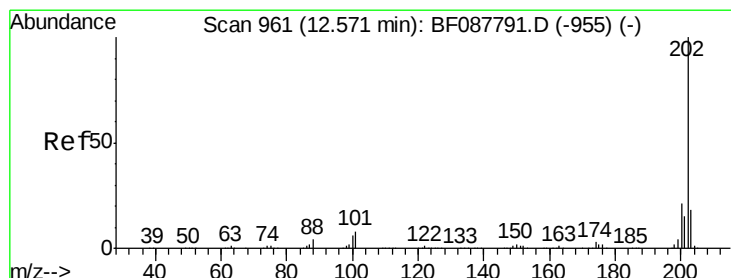
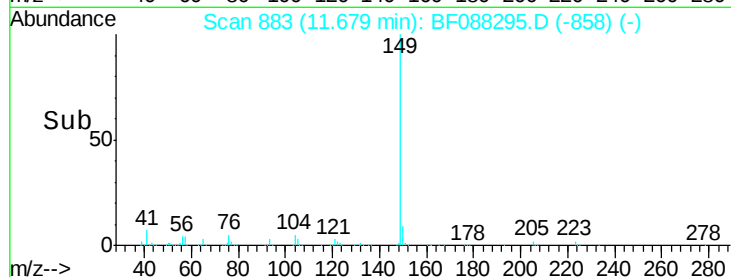
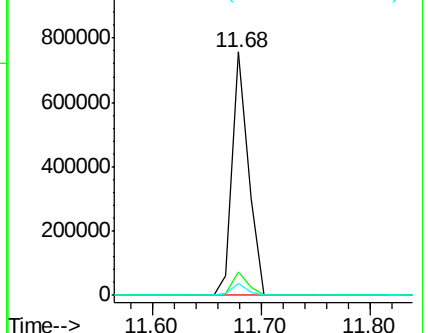
104 5.2 4.0 6.0



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: 39.10 ng

RT: 12.32 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

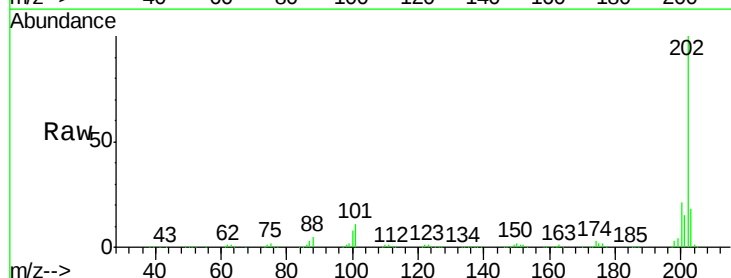
Tgt Ion:202 Resp: 733451

Ion Ratio Lower Upper

202 100

101 10.9 0.0 33.1

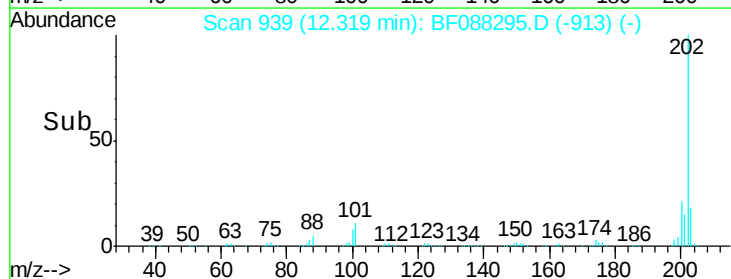
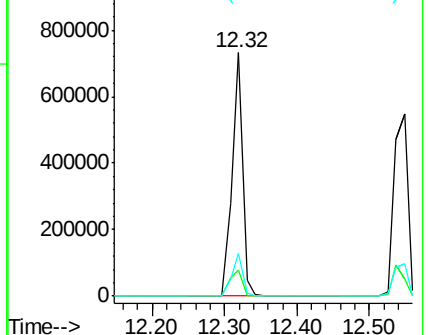
203 17.7 0.0 38.1

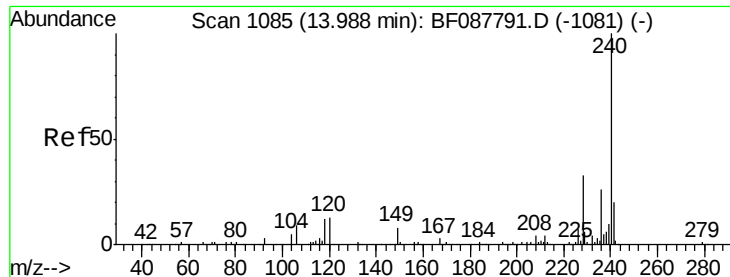


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

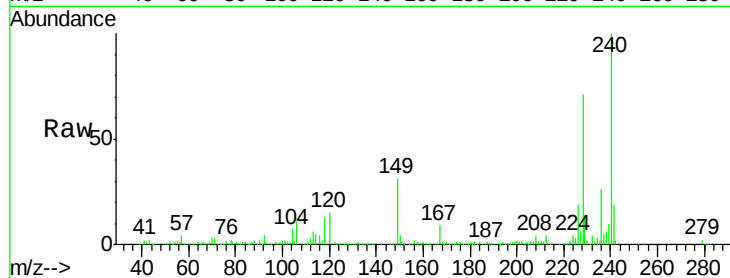
Tgt Ion:240 Resp: 233506

Ion Ratio Lower Upper

240 100

120 14.9 6.8 10.2#

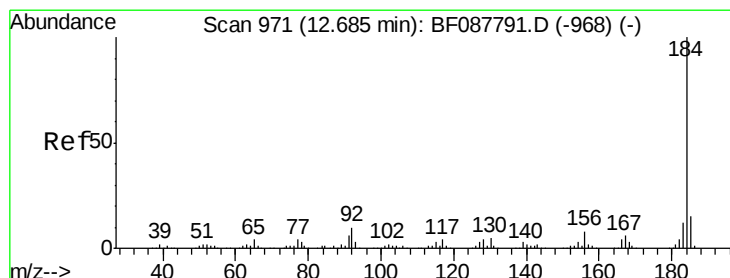
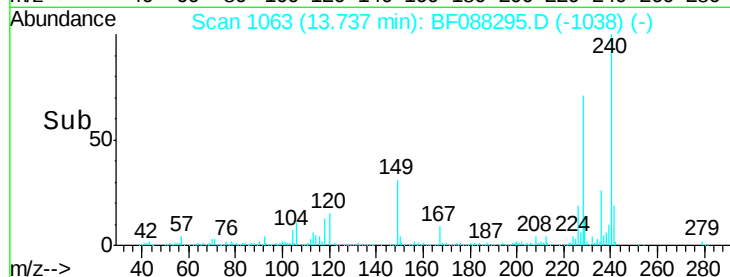
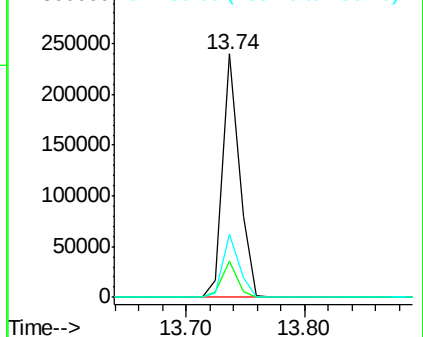
236 26.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.15 ng

RT: 12.45 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

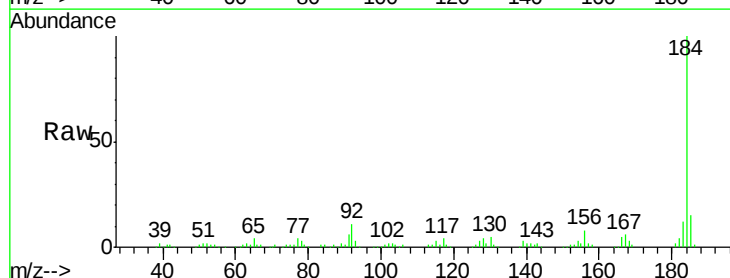
Tgt Ion:184 Resp: 233723

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

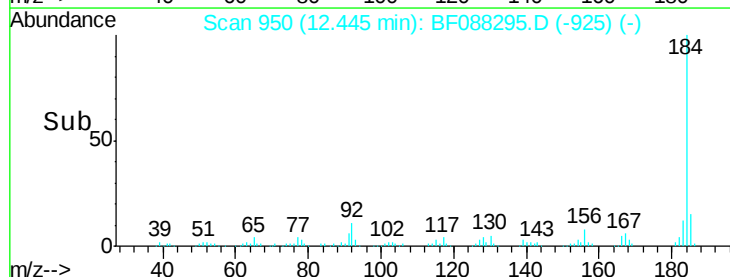
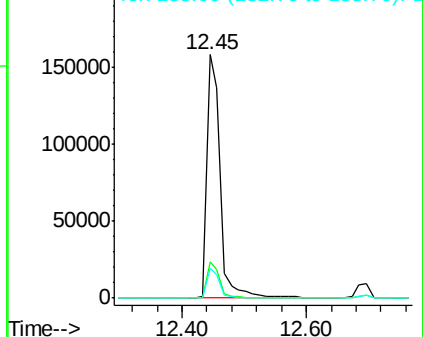
183 12.1 9.3 13.9

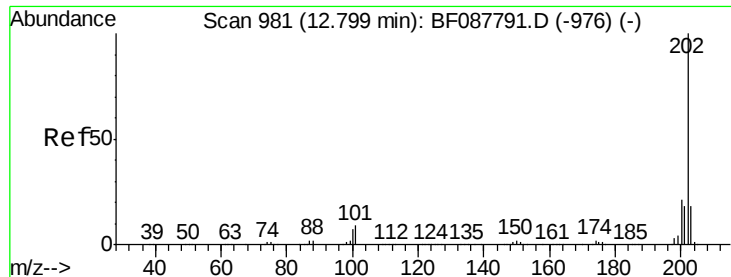


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

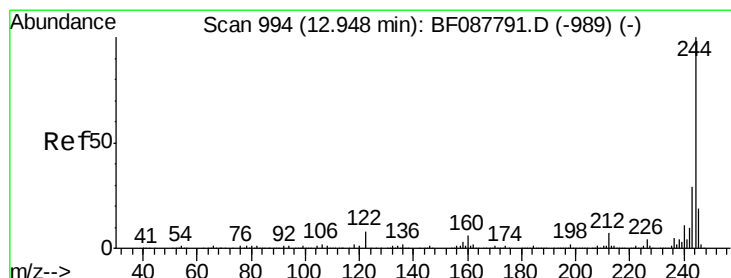
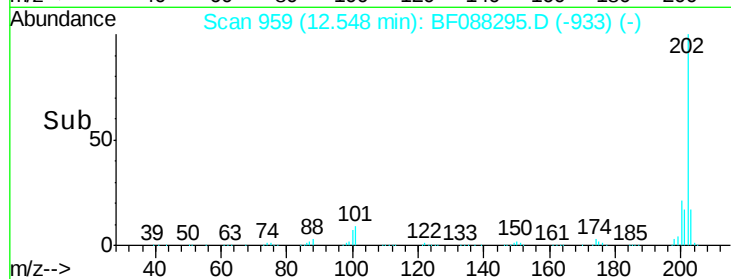
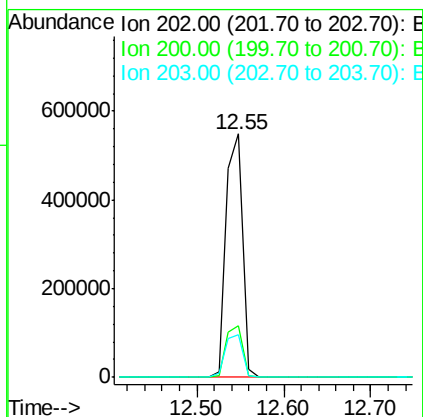
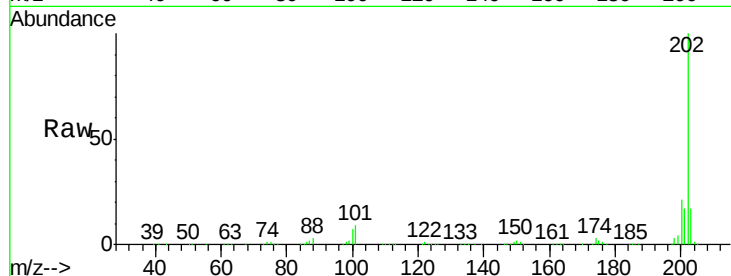




#77
 Pyrene
 Concen: 41.83 ng
 RT: 12.55 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

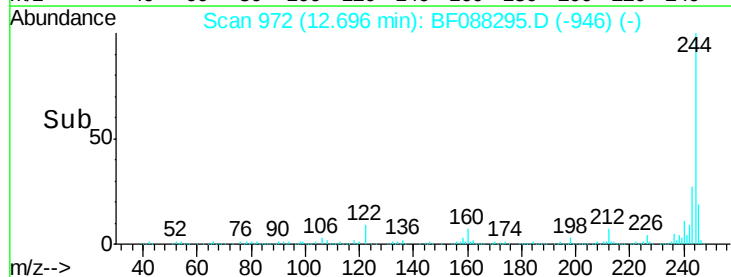
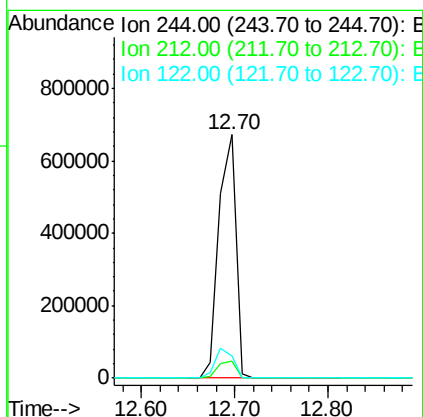
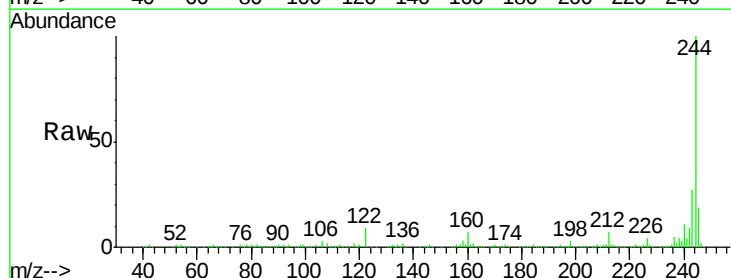
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 202 Resp: 724856
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.4 26.2
 203 17.4 14.5 21.7



#78
 Terphenyl-d14
 Concen: 83.03 ng
 RT: 12.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Tgt Ion: 244 Resp: 852011
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.1 11.2 16.8#

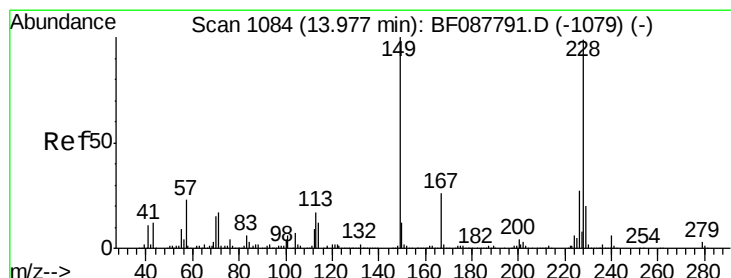
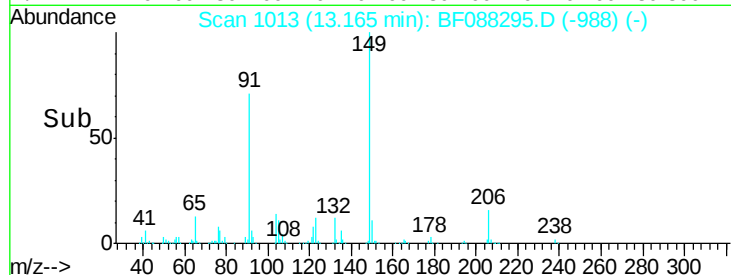
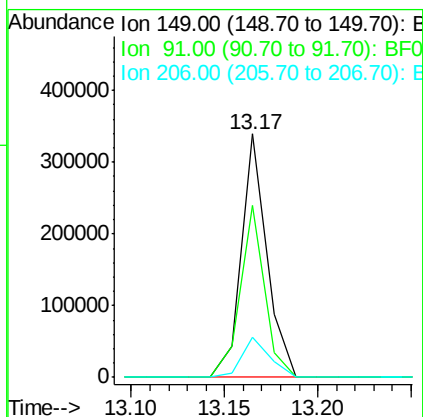
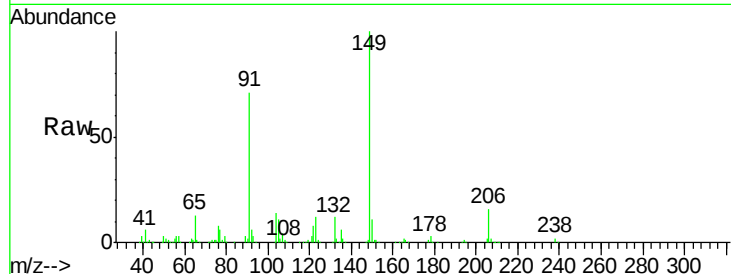




#79
Butylbenzylphthalate
Concen: 42.20 ng
RT: 13.17 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

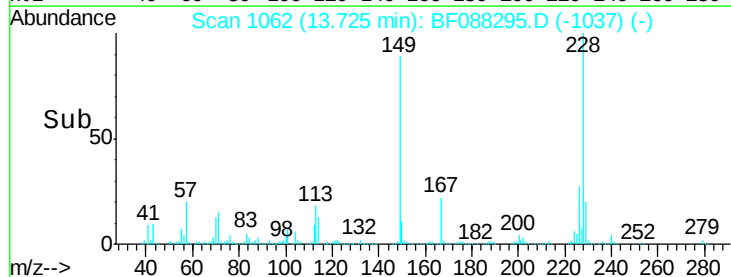
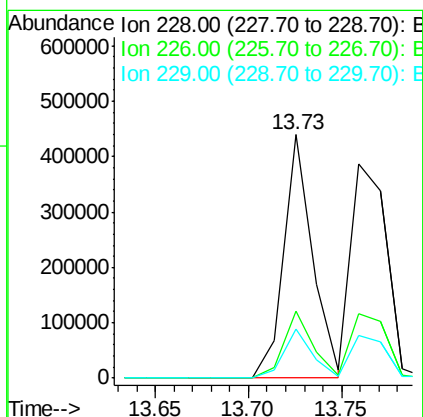
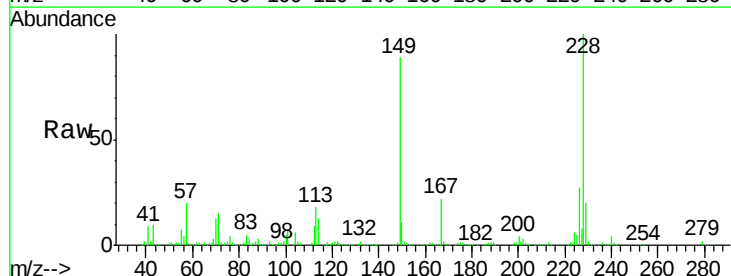
Instrument :
BNA_F
ClientSampleId :

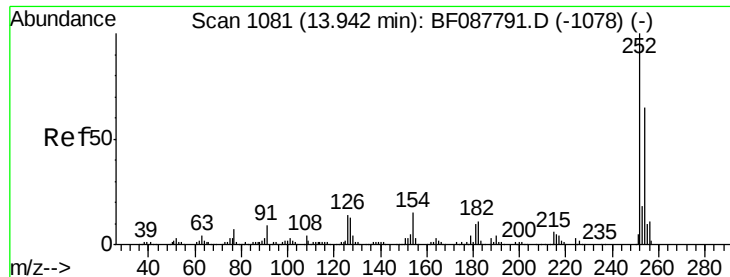
Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.6	48.0	72.0
206	16.5	16.0	24.0



#80
Benzo(a)anthracene
Concen: 35.80 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	20.1	16.0	24.0

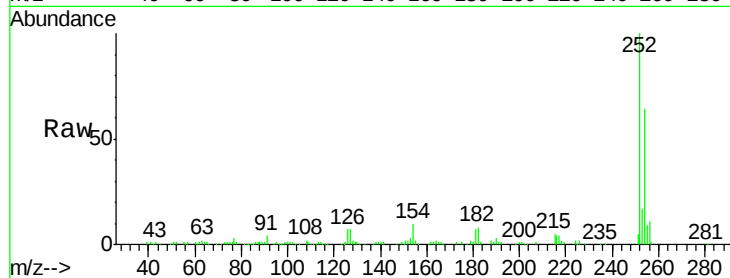




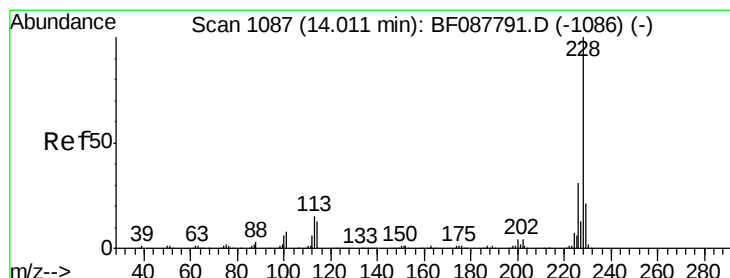
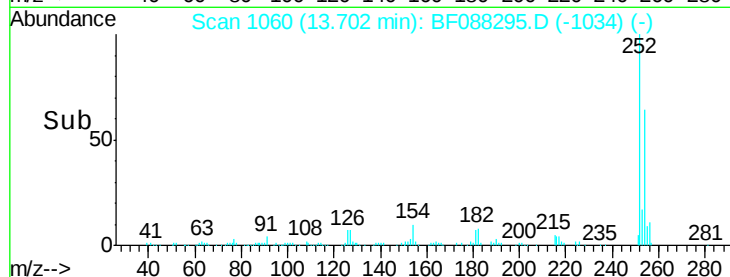
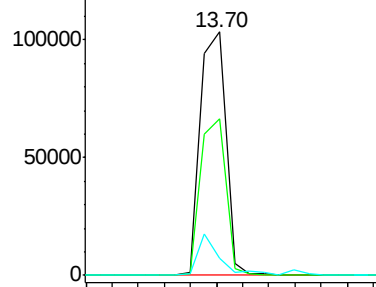
#81
 3,3'-Dichlorobenzidine
 Concen: 39.45 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:252 Resp: 141153
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.6 78.8
 126 7.2 6.2 9.2

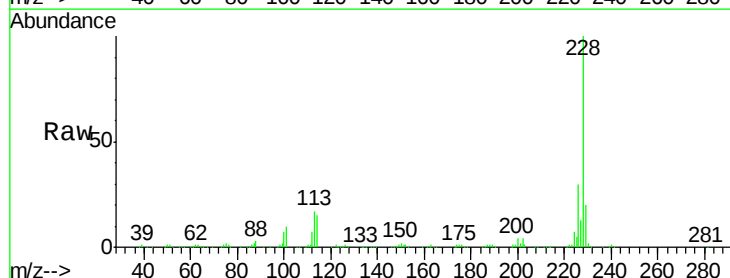


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

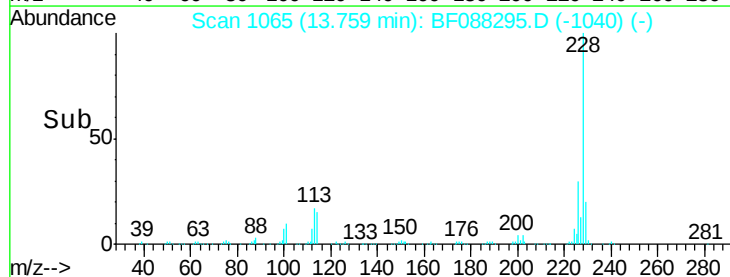
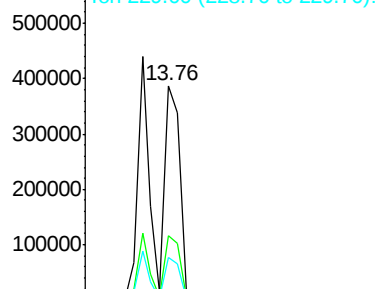


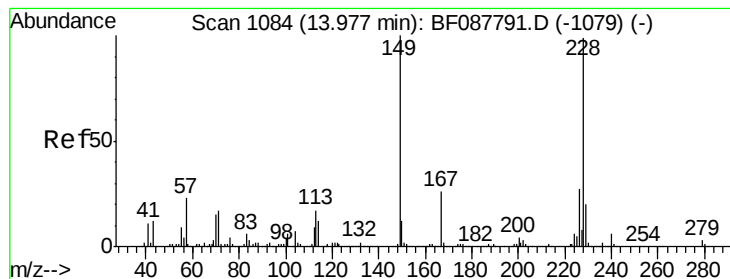
#82
 Chrysene
 Concen: 41.29 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Tgt Ion:228 Resp: 516876
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.4 38.2
 229 20.0 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: 40.27 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampleId :

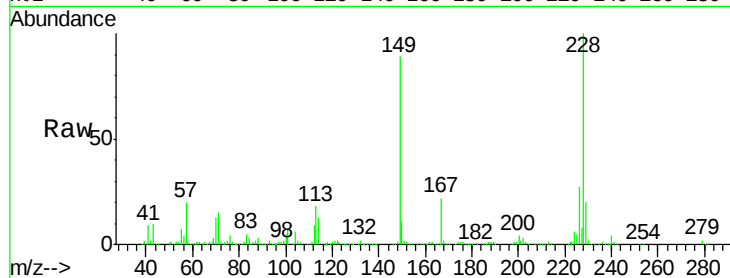
Tgt Ion:149 Resp: 375575

Ion Ratio Lower Upper

149 100

167 24.9 20.5 30.7

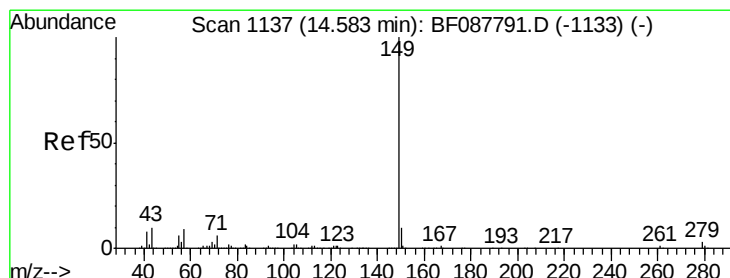
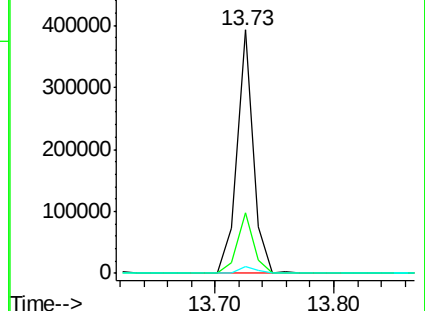
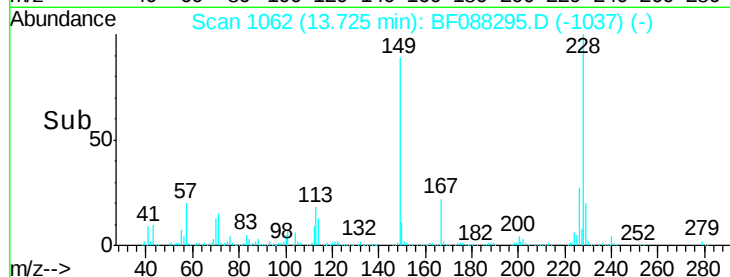
279 2.8 2.0 3.0



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: 38.54 ng

RT: 14.33 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

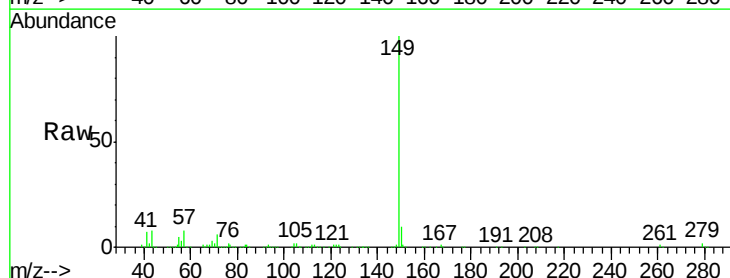
Tgt Ion:149 Resp: 584000

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

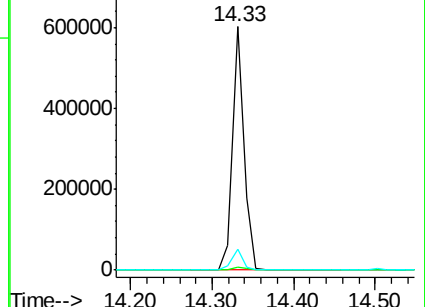
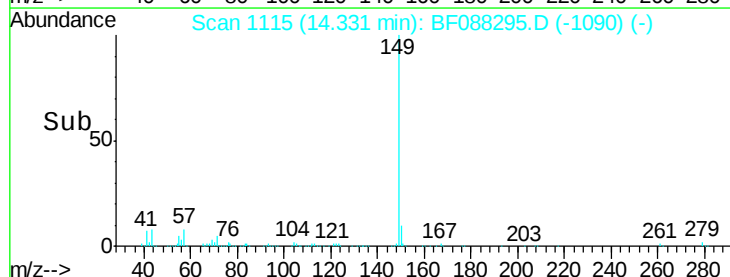
43 7.8 0.0 0.0#

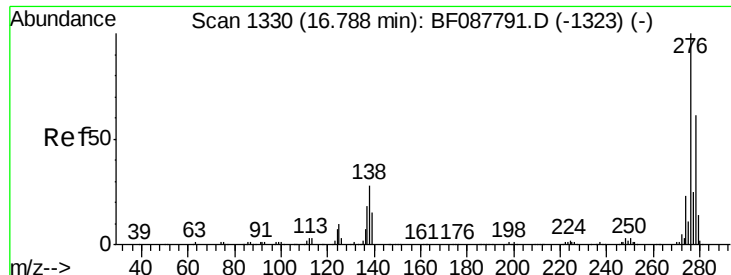


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

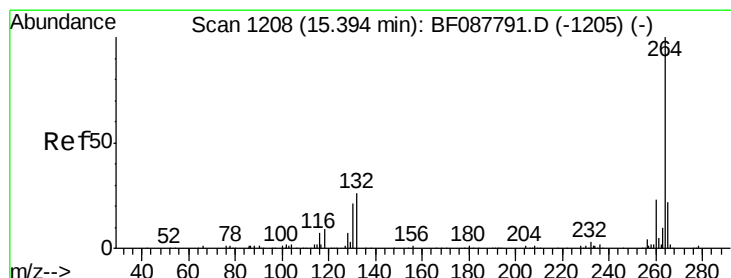
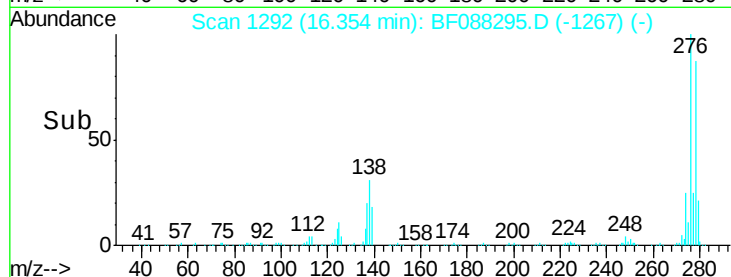
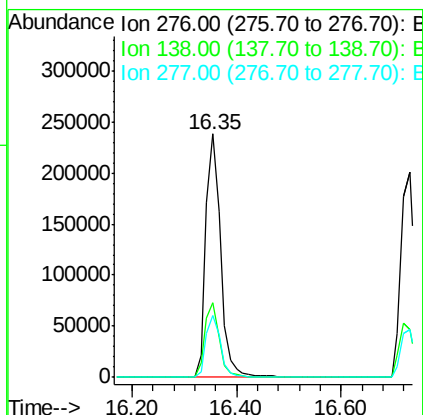
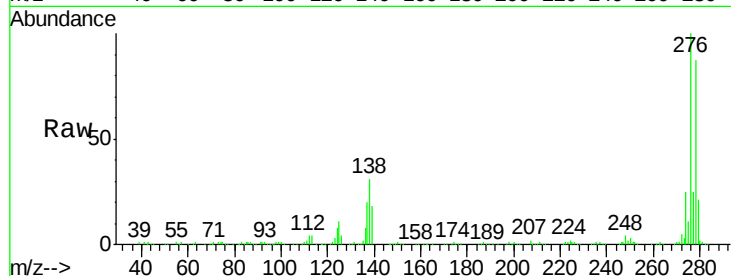




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.51 ng
 RT: 16.35 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

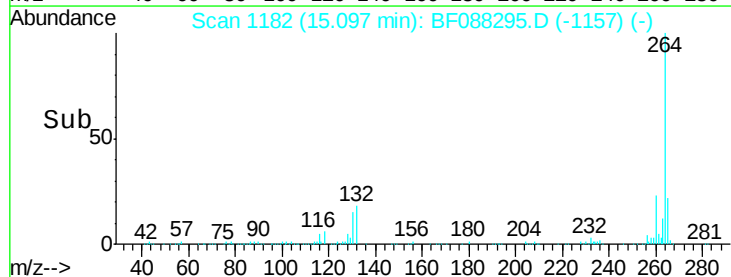
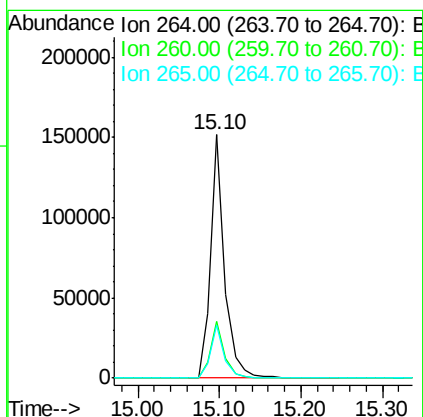
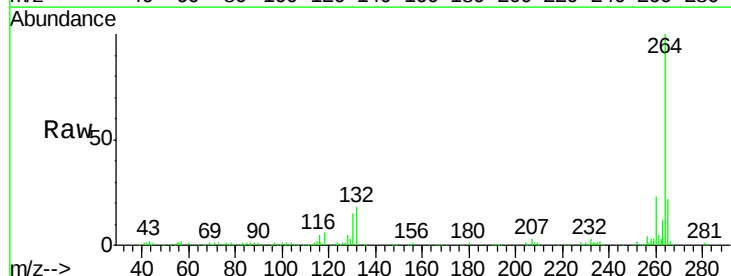
Instrument :
 BNA_F
 ClientSampleId :

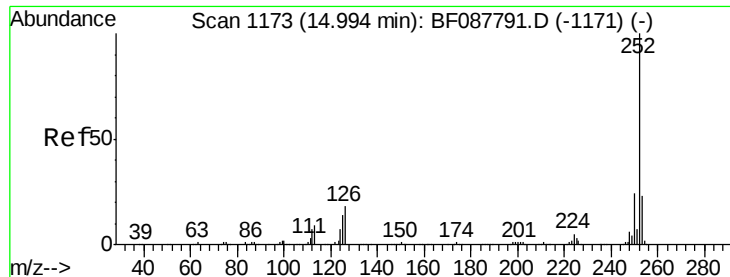
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.7	0.0	0.0#
277	25.2	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 35.23 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

Instrument :

BNA_F

ClientSampled :

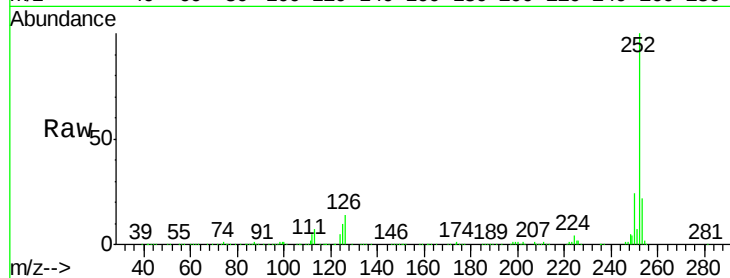
Tgt Ion:252 Resp: 451991

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

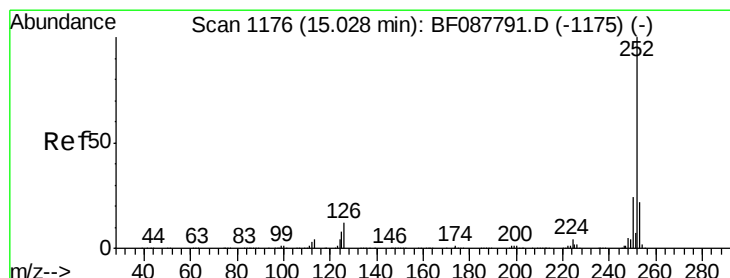
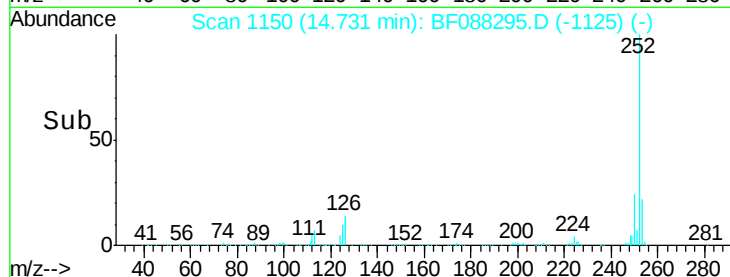
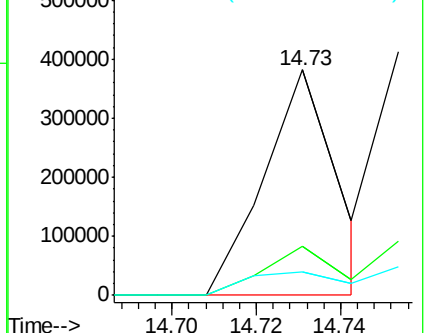
125 10.1 7.1 10.7



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: 38.81 ng m

RT: 14.75 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF088295.D

Acq: 23 Jun 2016 17:18

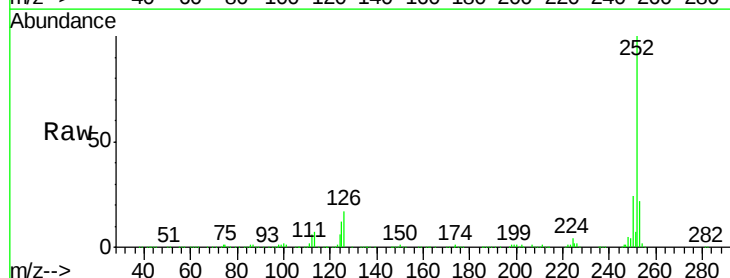
Tgt Ion:252 Resp: 375624

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

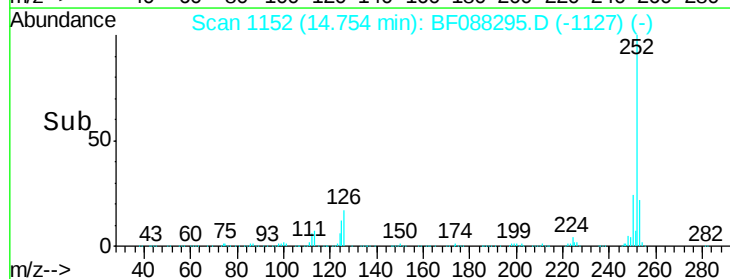
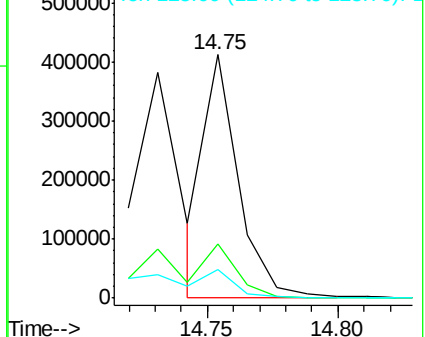
125 11.7 11.2 16.8

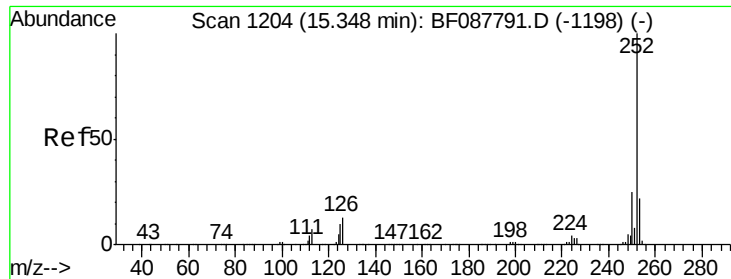


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

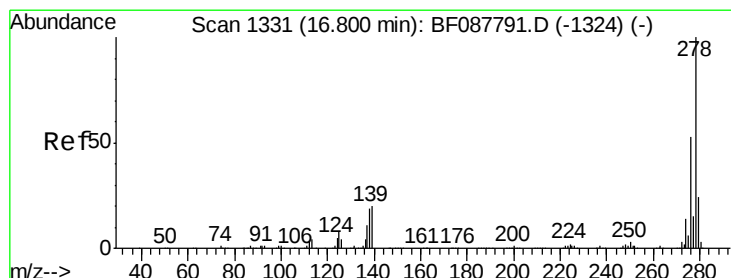
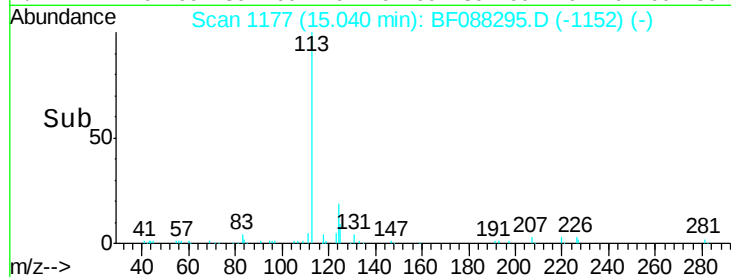
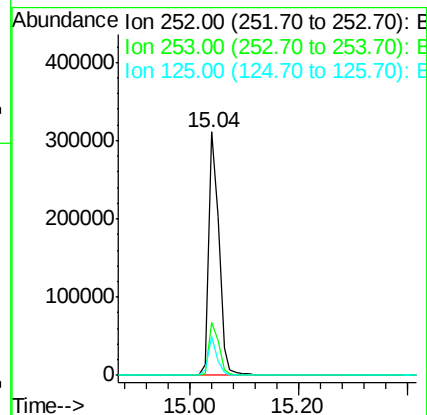
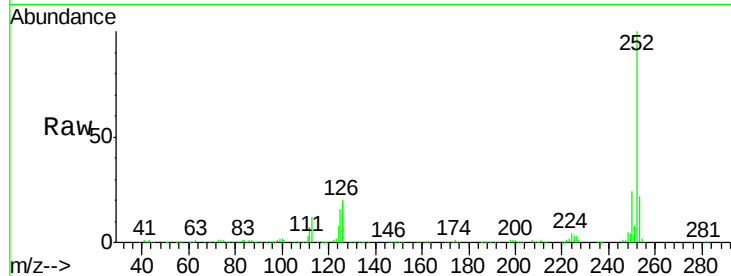




#89
Benzo(a)pyrene
Concen: 38.55 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

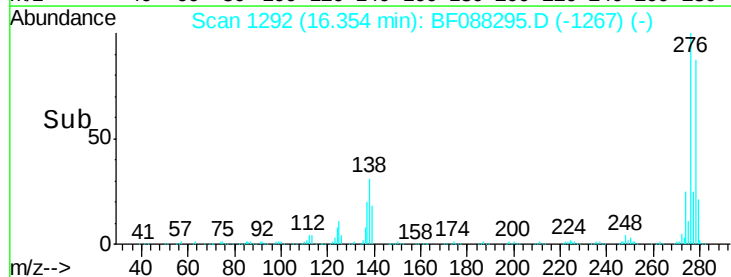
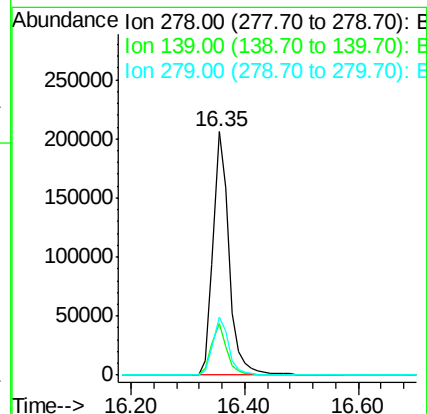
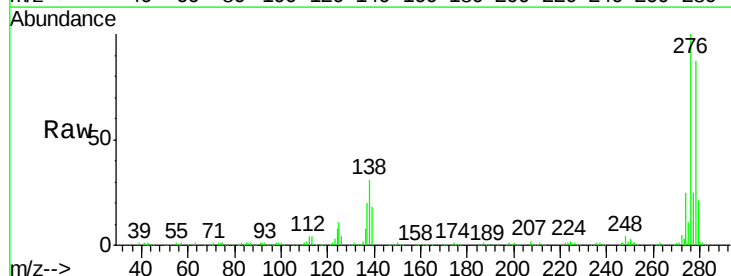
Instrument :
BNA_F
ClientSampleId :

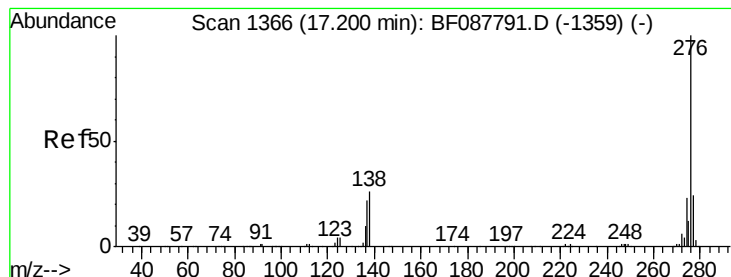
Tgt Ion: 252 Resp: 400155
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 15.8 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 40.99 ng
RT: 16.35 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF088295.D
Acq: 23 Jun 2016 17:18

Tgt Ion: 278 Resp: 395206
Ion Ratio Lower Upper
278 100
139 21.1 15.7 23.5
279 23.7 19.4 29.2





#91
 Benzo(g,h,i)perylene
 Concen: 43.14 ng
 RT: 16.73 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF088295.D
 Acq: 23 Jun 2016 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 276 Resp: 427840
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.9 28.3
 138 23.1 21.4 32.2

