

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
 Data File : BF087795.D
 Acq On : 7 Jun 2016 17:24
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

Quant Time: Jun 07 17:55:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 17:50:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	96966	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	375119	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	186398	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	356312	20.00	ng	0.00
75) Chrysene-d12	13.99	240	270355	20.00	ng	0.00
86) Perylene-d12	15.39	264	203261	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	406563	35.84	ng	0.00
7) Phenol-d6	6.48	99	565952	41.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	526922	41.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	145807	37.04	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1025505	43.26	ng	0.00
78) Terphenyl-d14	12.94	244	832640	35.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	106211	38.54	ng	# 39
3) Pyridine	3.13	79	293890	45.16	ng	97
4) n-Nitrosodimethylamine	3.08	42	107325	38.94	ng	90
6) Aniline	6.50	93	379729	38.81	ng	99
8) 2-Chlorophenol	6.63	128	269662	40.17	ng	86
9) Benzaldehyde	6.39	77	175370	43.57	ng	96
10) Phenol	6.49	94	347833	50.98	ng	86
11) bis(2-Chloroethyl)ether	6.58	93	256615	42.57	ng	86
12) 1,3-Dichlorobenzene	6.78	146	265730	36.89	ng	98
13) 1,4-Dichlorobenzene	6.86	146	266118	36.67	ng	97
14) 1,2-Dichlorobenzene	7.02	146	278080	42.14	ng	97
15) Benzyl Alcohol	6.98	79	197924	36.80	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	333112	40.91	ng	92
17) 2-Methylphenol	7.10	107	203052	37.29	ng	98
18) Hexachloroethane	7.36	117	103949	40.37	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	179199	40.75	ng	# 81
20) 3+4-Methylphenols	7.26	107	246196	38.76	ng	# 79
22) Acetophenone	7.26	105	331196	39.51	ng	# 88
24) Nitrobenzene	7.43	77	275480	44.27	ng	92
25) Isophorone	7.67	82	473367	39.78	ng	99
26) 2-Nitrophenol	7.75	139	152161	45.65	ng	# 77
27) 2,4-Dimethylphenol	7.78	122	229629	37.42	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	324278	43.94	ng	99
29) 2,4-Dichlorophenol	7.99	162	234365	45.74	ng	93
30) 1,2,4-Trichlorobenzene	8.07	180	220366	39.49	ng	99
31) Naphthalene	8.15	128	719091	38.74	ng	100
32) Benzoic acid	7.90	122	141758	41.95	ng	97
33) 4-Chloroaniline	8.19	127	318010	38.36	ng	98
34) Hexachlorobutadiene	8.27	225	122337	41.57	ng	99
35) Caprolactam	8.57	113	68437	40.32	ng	94
36) 4-Chloro-3-methylphenol	8.68	107	240366	43.86	ng	89
37) 2-Methylnaphthalene	8.84	142	505297	41.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	217246	44.67	ng	# 1
40) Hexachlorocyclopentadiene	8.99	237	127191	42.30	ng	100

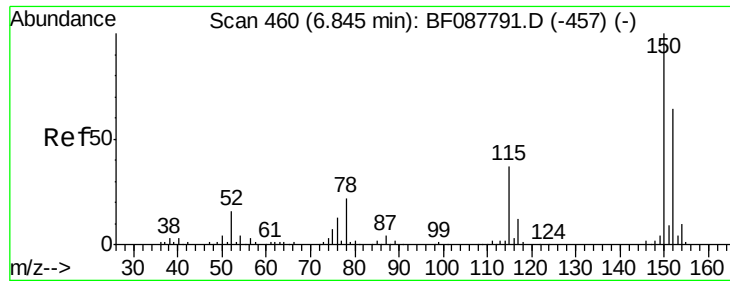
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
 Data File : BF087795.D
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 QLast Update : Tue Jun 07 17:50:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	159948	42.91	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	140848	36.32	nq	# 88
45) 1,1'-Biphenyl	9.30	154	575799	40.54	nq	99
46) 2-Chloronaphthalene	9.32	162	445873	36.97	nq	99
47) 2-Nitroaniline	9.42	65	136385	38.33	nq	100
48) Acenaphthylene	9.74	152	752725	39.23	nq	100
49) Dimethylphthalate	9.61	163	598451	44.32	nq	99
50) 2,6-Dinitrotoluene	9.67	165	140794	45.53	nq	91
51) Acenaphthene	9.91	154	467387	39.05	nq	99
52) 3-Nitroaniline	9.83	138	137016	38.40	nq	99
53) 2,4-Dinitrophenol	9.93	184	53540	37.49	nq	94
54) Dibenzofuran	10.08	168	650089	39.44	nq	# 89
55) 4-Nitrophenol	9.99	139	101146	36.52	nq	94
56) 2,4-Dinitrotoluene	10.07	165	185765	46.75	nq	96
57) Fluorene	10.42	166	445090	39.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	126412	41.48	nq	# 58
59) Diethylphthalate	10.31	149	570697	41.76	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	227799	41.56	nq	95
61) 4-Nitroaniline	10.44	138	147143	43.47	nq	98
62) Azobenzene	10.58	77	564703	41.78	nq	90
64) 4,6-Dinitro-2-methylphenol	10.47	198	74442	34.12	nq	99
65) n-Nitrosodiphenylamine	10.54	169	432546	36.58	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	141996	37.15	nq	# 74
67) Hexachlorobenzene	10.97	284	157786	39.73	nq	# 89
68) Atrazine	11.06	200	126792	35.41	nq	92
69) Pentachlorophenol	11.17	266	90104	43.04	nq	100
70) Phenanthrene	11.38	178	717022	38.35	nq	100
71) Anthracene	11.44	178	758507	40.22	nq	98
72) Carbazole	11.59	167	715659	40.55	nq	99
73) Di-n-butylphthalate	11.92	149	792684	35.48	nq	100
74) Fluoranthene	12.56	202	717351	36.36	nq	98
76) Benzidine	12.69	184	326824	43.66	nq	99
77) Pyrene	12.79	202	699519	34.87	nq	99
79) Butylbenzylphthalate	13.42	149	371259	41.86	nq	100
80) Benzo(a)anthracene	13.98	228	572691	37.17	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	174769	42.18	nq	100
82) Chrysene	14.01	228	556098	38.37	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	446007	41.31	nq	# 99
84) Di-n-octyl phthalate	14.58	149	709701	40.45	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.78	276	508692	37.78	nq	# 100
87) Benzo(b)fluoranthene	15.03	252	1000871	70.65	nq	99
88) Benzo(k)fluoranthene	15.03	252	1000826	93.65	nq	# 94
89) Benzo(a)pyrene	15.34	252	456250	39.81	nq	99
90) Dibenzo(a,h)anthracene	16.80	278	421354	39.58	nq	97
91) Benzo(g,h,i)perylene	17.20	276	432749	39.52	nq	95

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

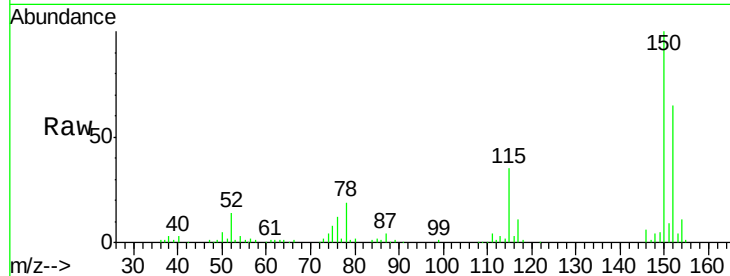


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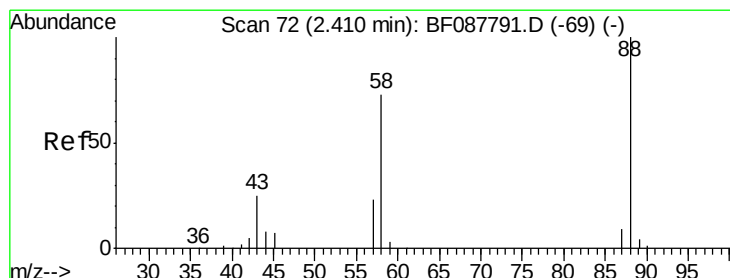
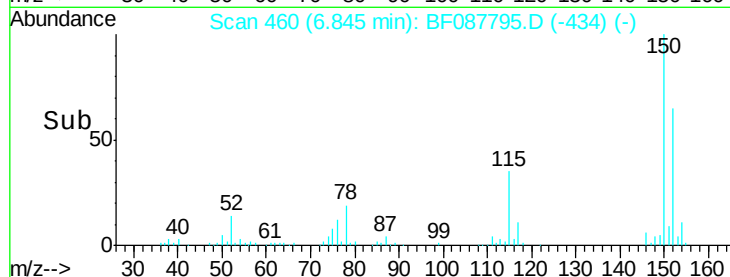
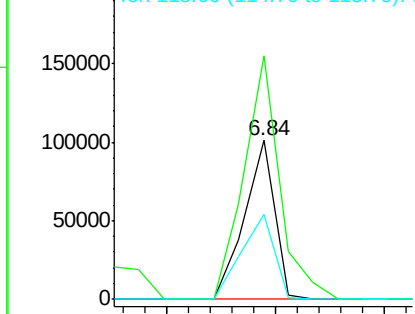
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Instrument :
BNA_F
ClientSampleId :
ICVBF060716

Tot Ion:152 Resp: 96966
Ion Ratio Lower Upper
152 100
150 153.2 123.8 185.6
115 53.3 39.6 59.4



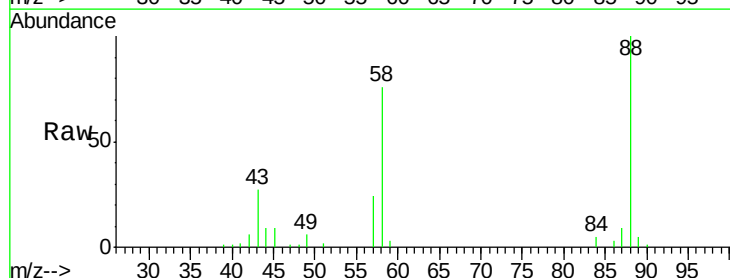
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



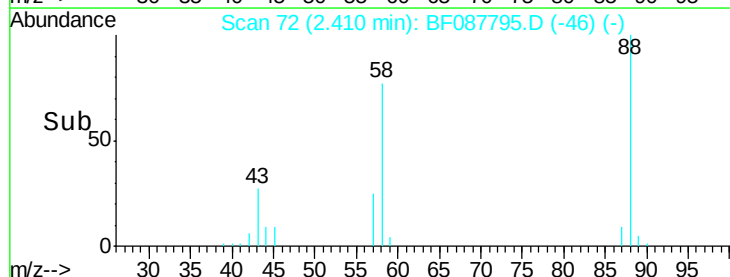
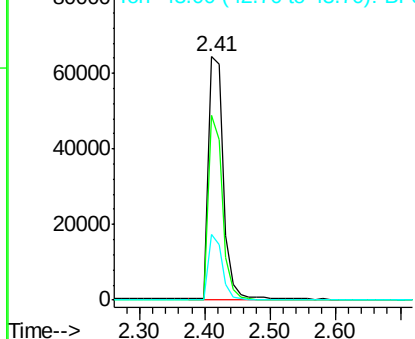
#2

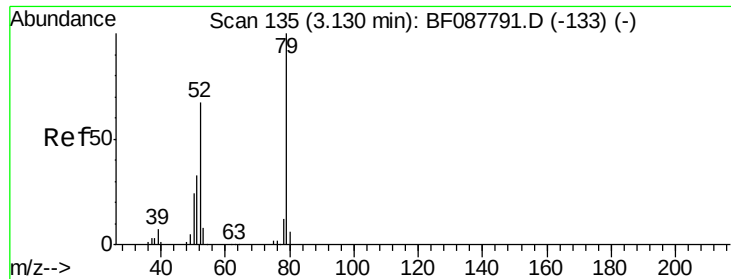
1,4-Dioxane
Concen: 38.54 ng
RT: 2.41 min Scan# 72
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Tgt Ion: 88 Resp: 106211
Ion Ratio Lower Upper
88 100
58 68.7 0.0 0.0#
43 24.3 3.4 5.2#



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





#3

Pvridine

Concen: 45.16 ng

RT: 3.13 min Scan# 135

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

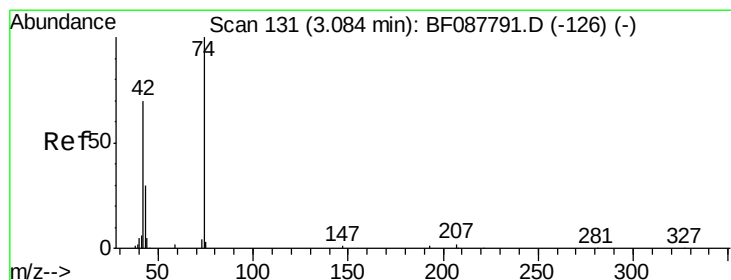
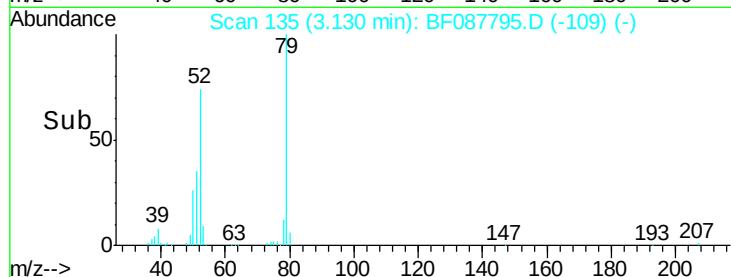
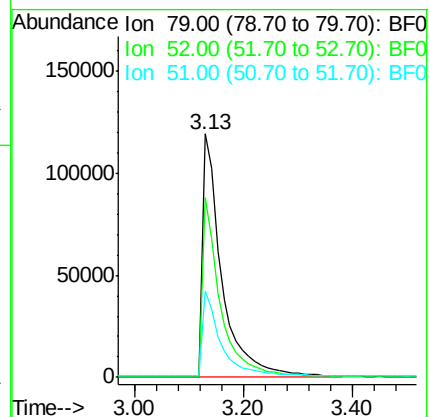
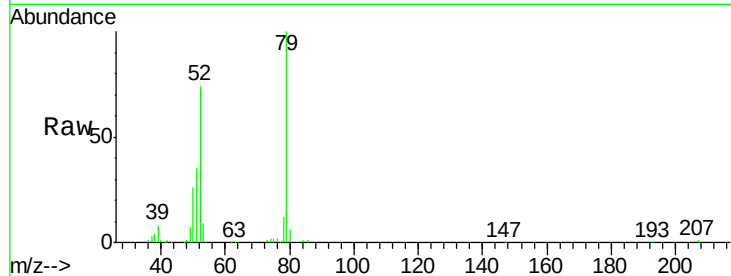
Tot Ion: 79 Resp: 293890

Ion Ratio Lower Upper

79 100

52 73.7 56.3 84.5

51 35.5 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 38.94 ng

RT: 3.08 min Scan# 131

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

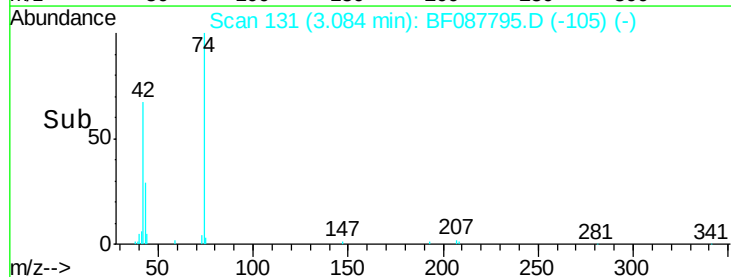
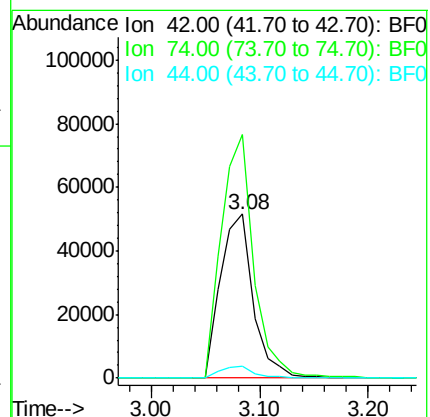
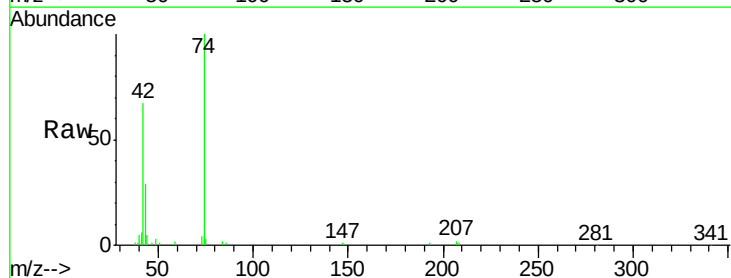
Tgt Ion: 42 Resp: 107325

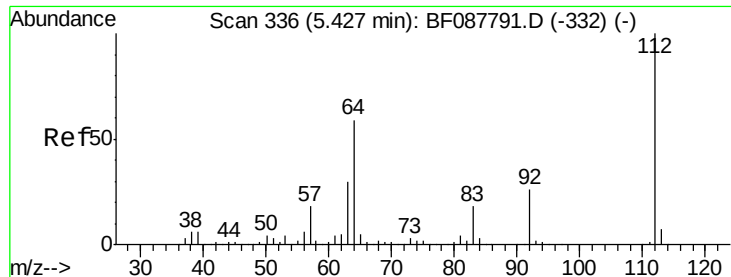
Ion Ratio Lower Upper

42 100

74 148.7 108.6 163.0

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 35.84 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

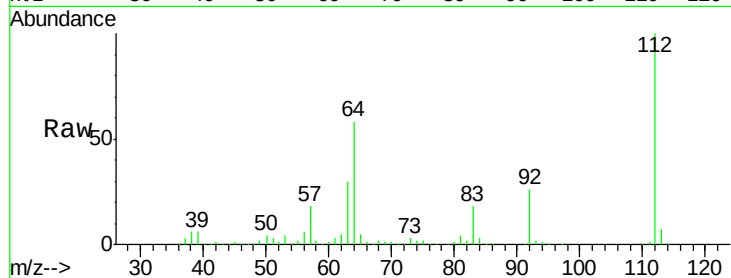
Tot Ion:112 Resp: 406563

Ion Ratio Lower Upper

112 100

64 57.9 42.2 63.2

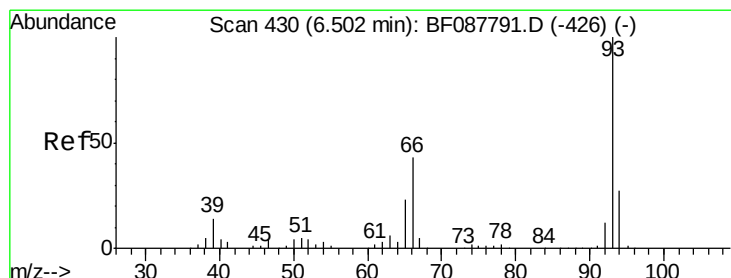
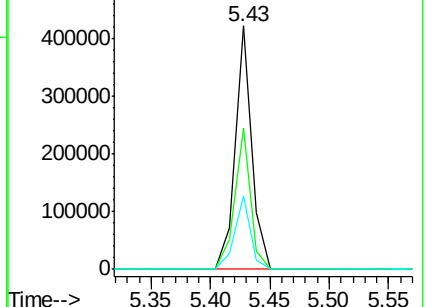
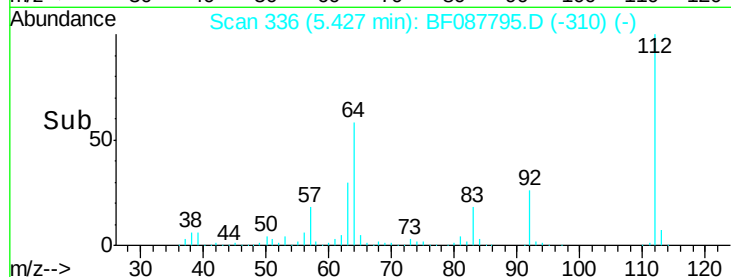
63 30.0 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.81 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

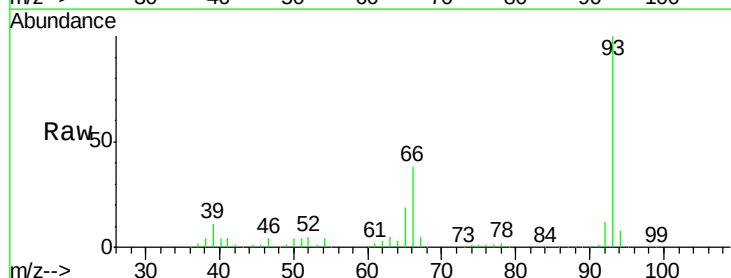
Tgt Ion: 93 Resp: 379729

Ion Ratio Lower Upper

93 100

66 38.1 29.8 44.8

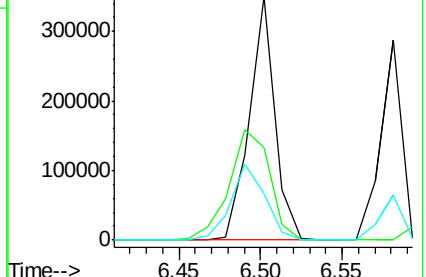
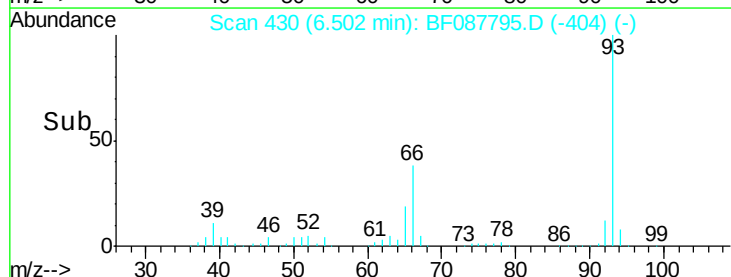
65 19.3 14.9 22.3

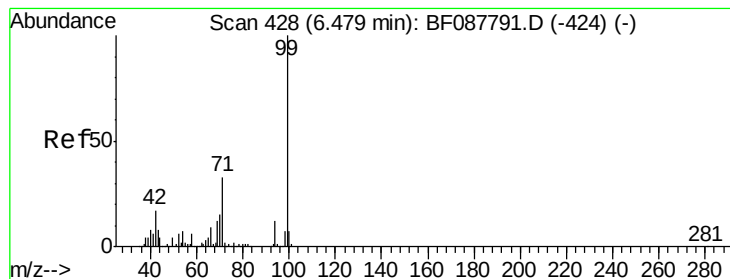


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 41.17 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

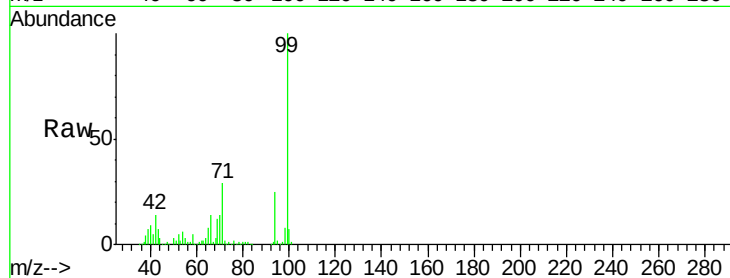
Tot Ion: 99 Resp: 565952

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.2

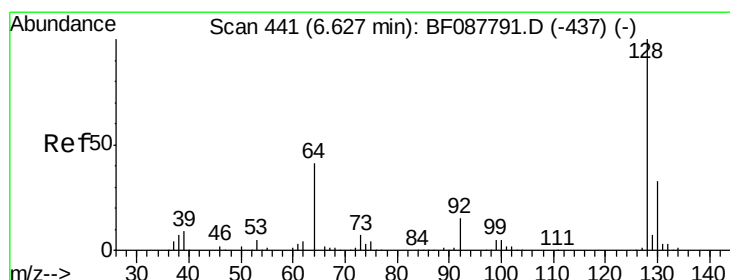
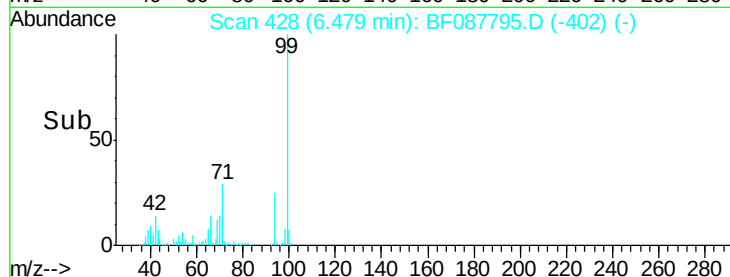
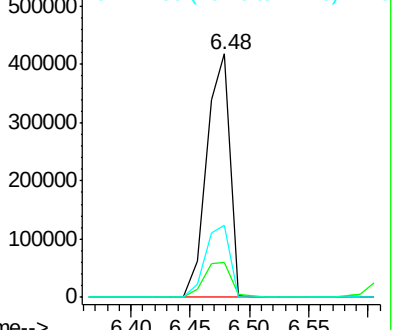
71 29.4 23.4 35.0



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: 40.17 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

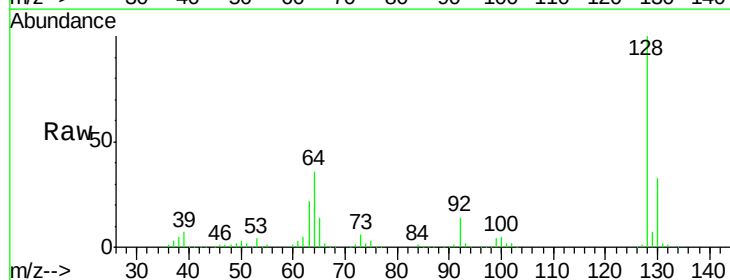
Tgt Ion: 128 Resp: 269662

Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

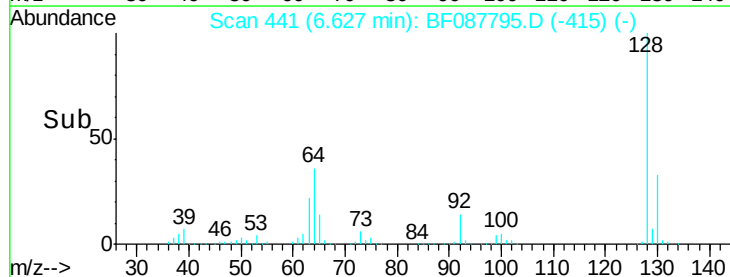
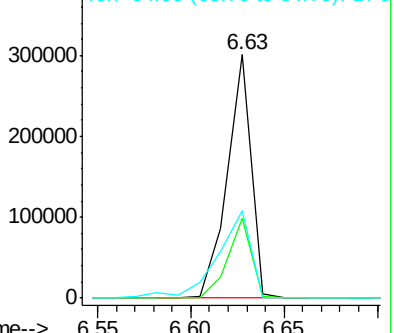
64 35.9 30.8 70.8

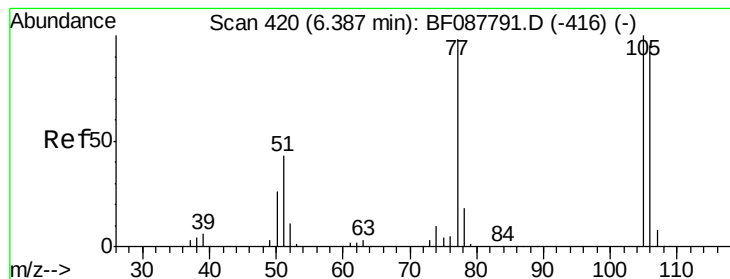


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.57 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

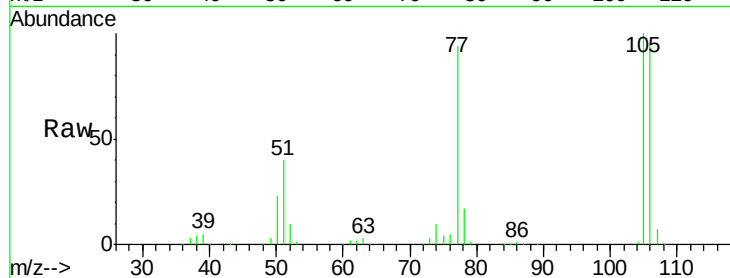
Tot Ion: 77 Resp: 175370

Ion Ratio Lower Upper

77 100

105 106.4 90.6 130.6

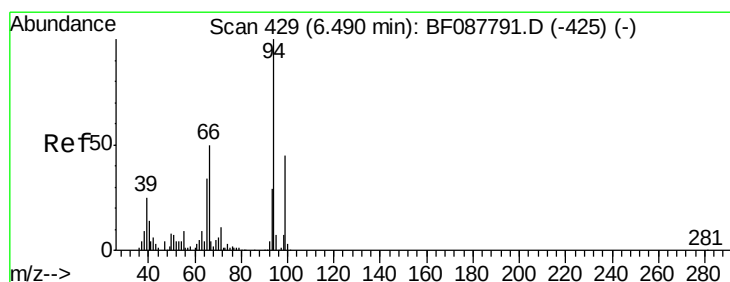
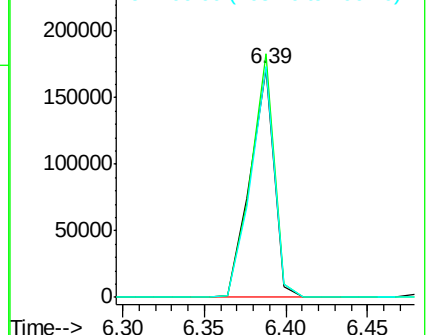
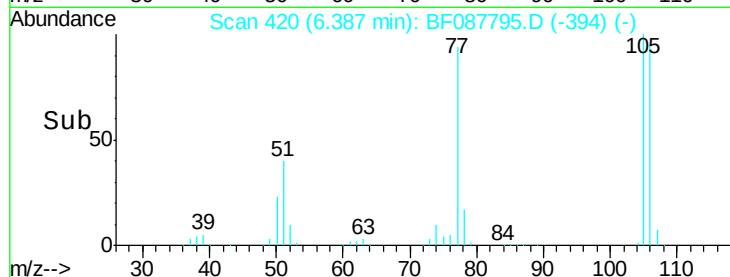
106 100.8 85.3 125.3



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: 50.98 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

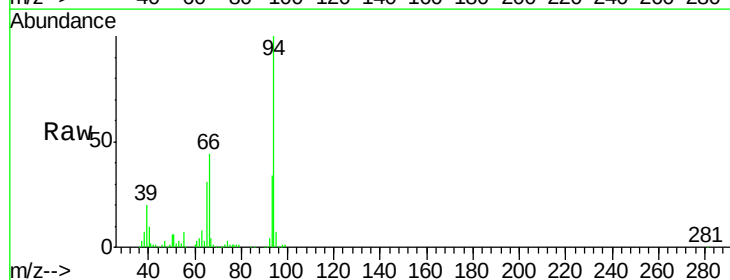
Tgt Ion: 94 Resp: 347833

Ion Ratio Lower Upper

94 100

65 30.6 5.9 45.9

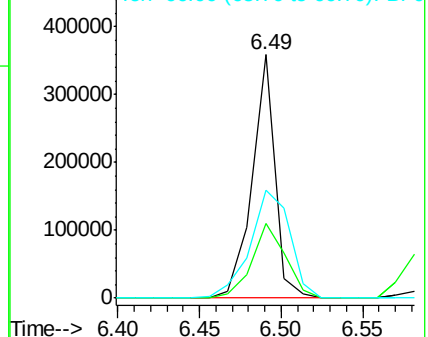
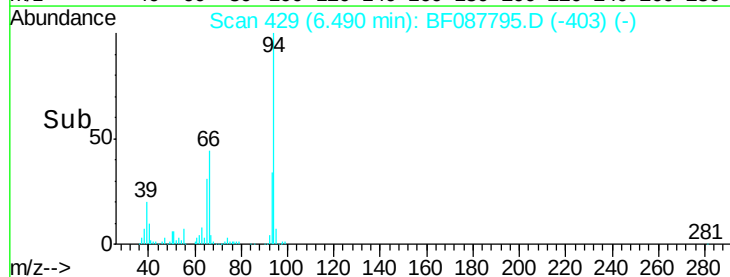
66 44.5 14.0 54.0

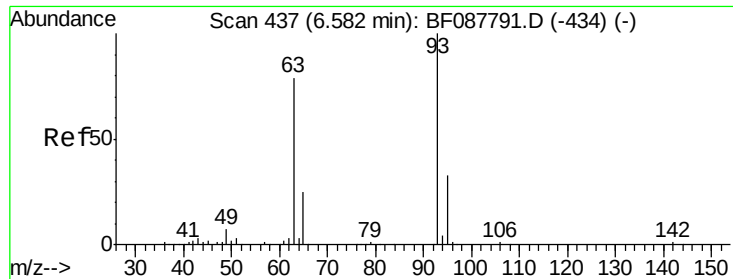


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.57 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

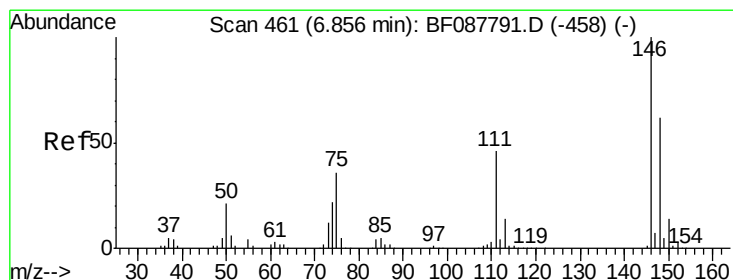
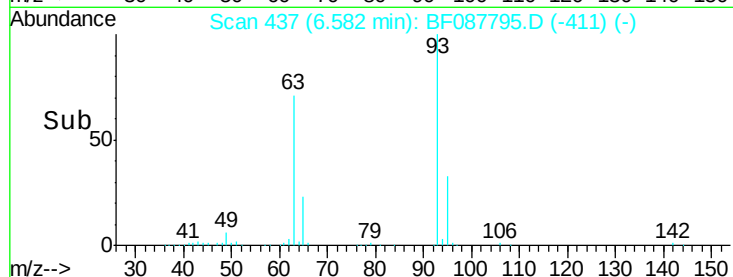
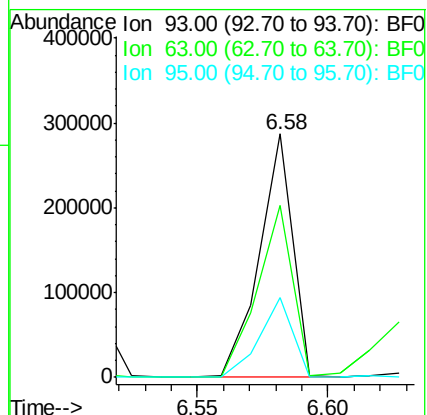
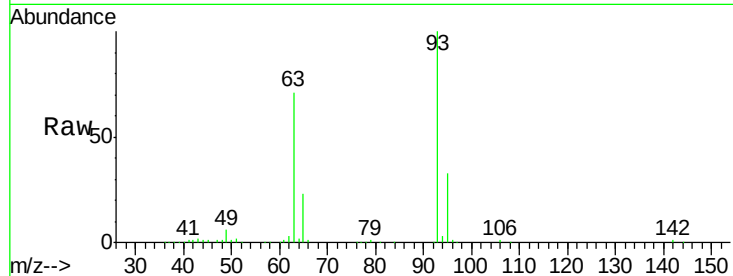
Tot Ion: 93 Resp: 256615

Ion Ratio Lower Upper

93 100

63 70.7 67.6 107.6

95 33.0 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 36.89 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

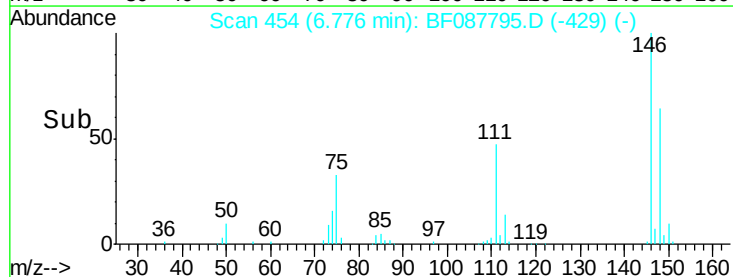
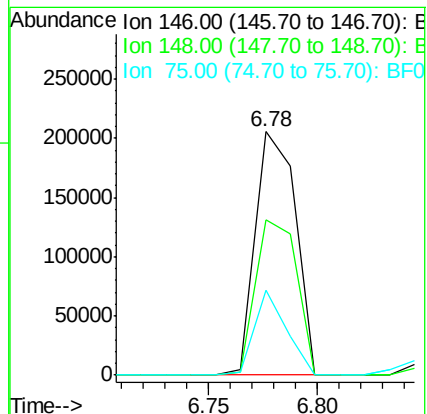
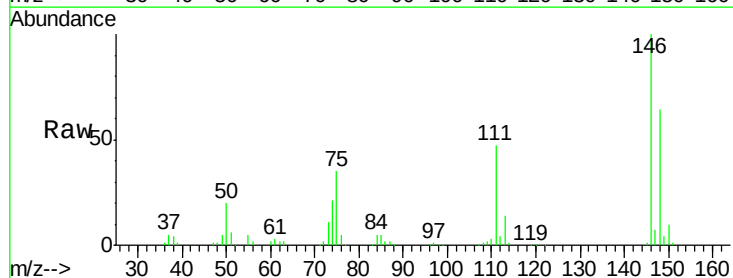
Tgt Ion: 146 Resp: 265730

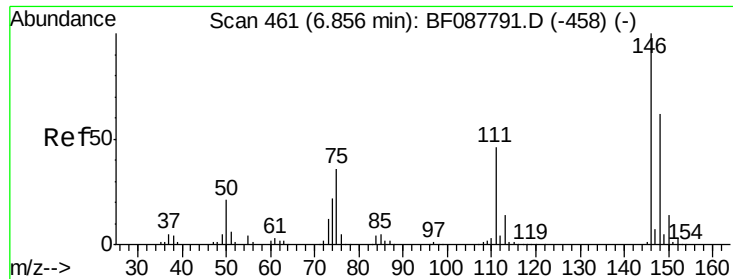
Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

75 35.0 25.6 38.4

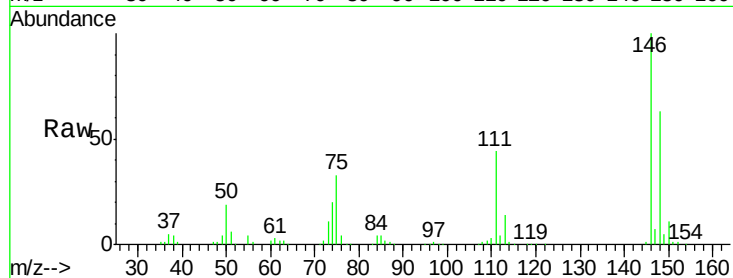




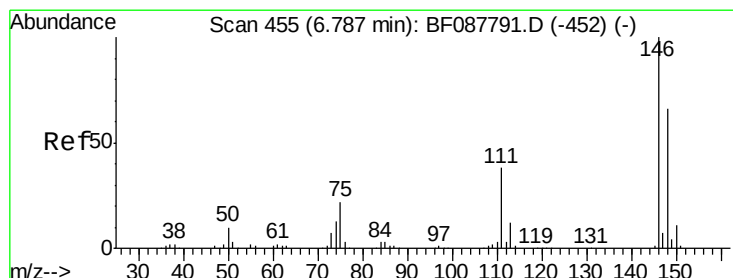
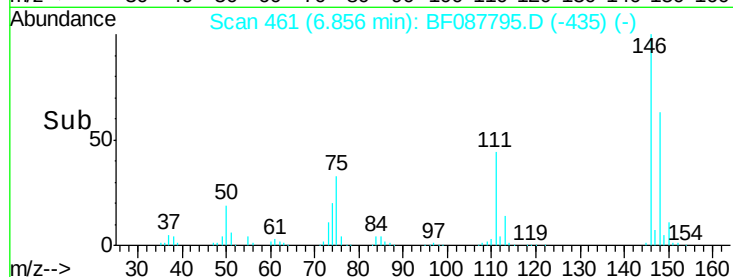
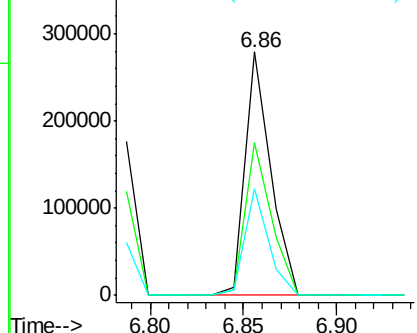
#13
 1,4-Dichlorobenzene
 Concen: 36.67 ng
 RT: 6.86 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

Tot Ion:146 Resp: 266118
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.0 78.0
 111 44.0 33.8 50.8

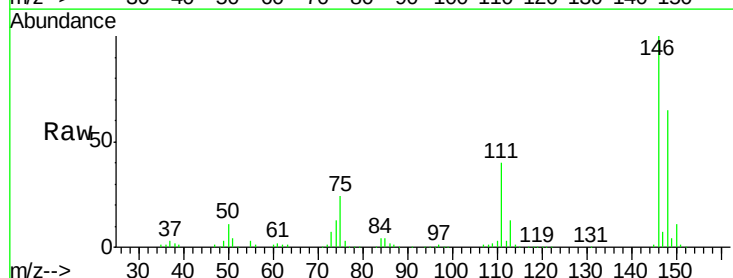


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

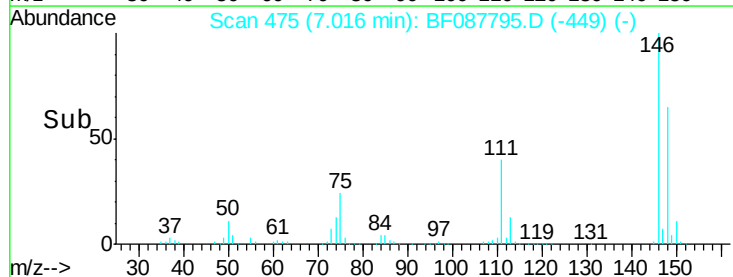
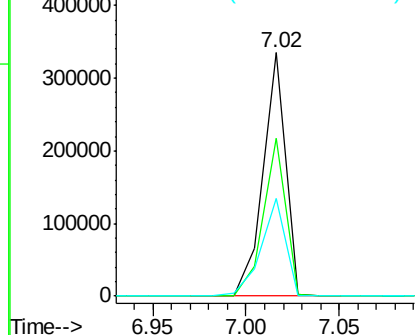


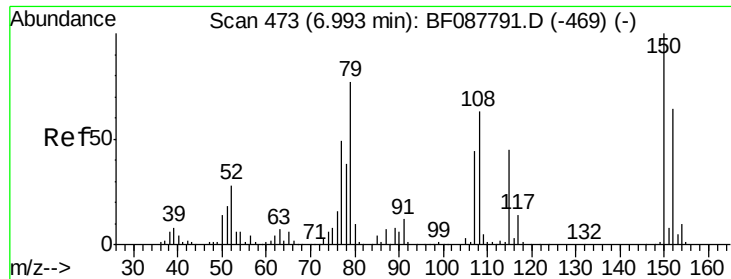
#14
 1,2-Dichlorobenzene
 Concen: 42.14 ng
 RT: 7.02 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Tgt Ion:146 Resp: 278080
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 39.9 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

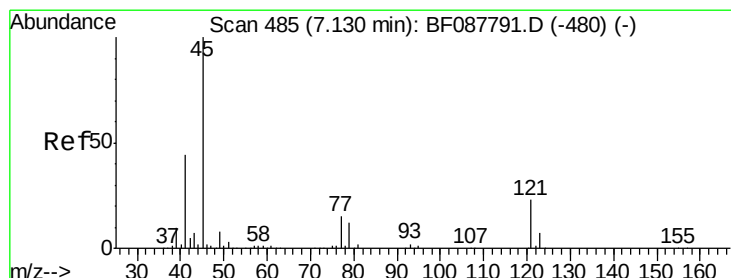
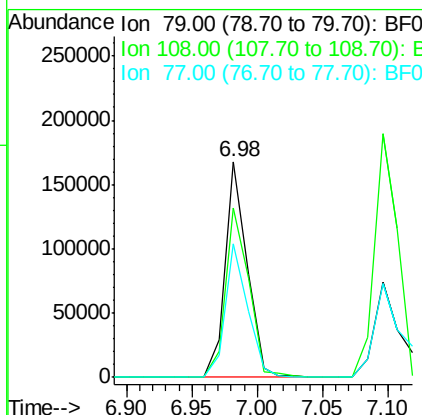
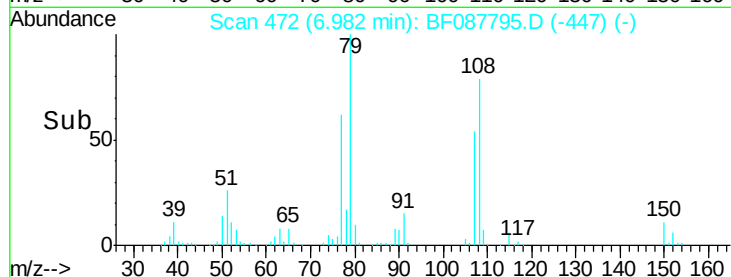
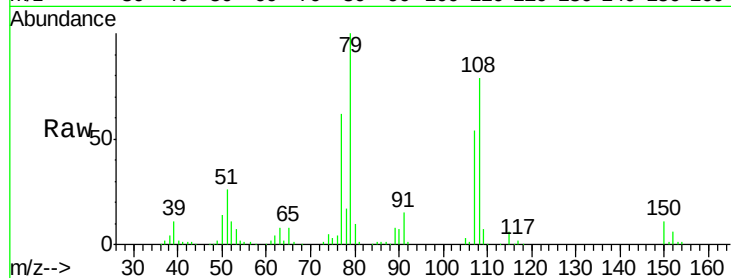




#15
Benzyl Alcohol
Concen: 36.80 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

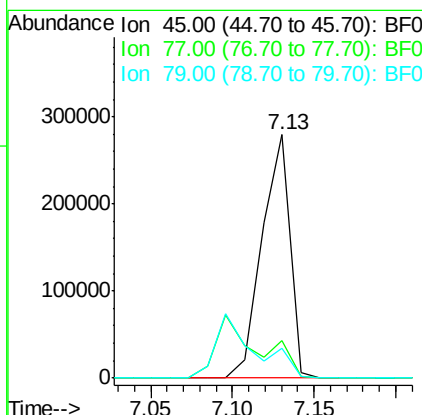
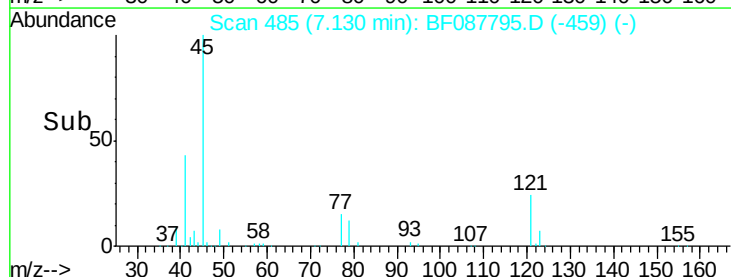
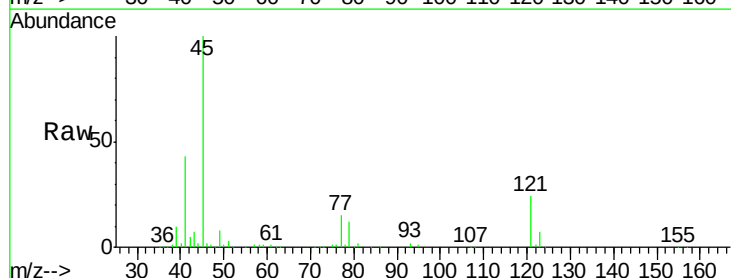
Instrument :
BNA_F
ClientSampleId :
ICVBF060716

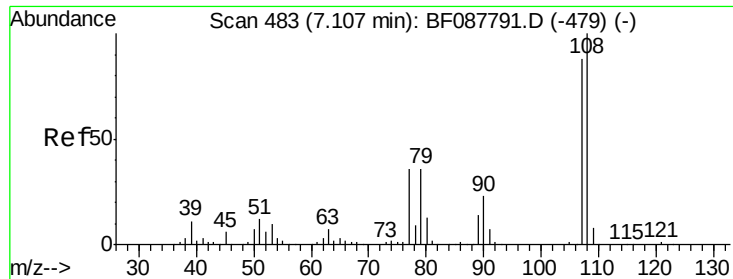
Tot Ion: 79 Resp: 197924
Ion Ratio Lower Upper
79 100
108 78.5 65.0 97.6
77 62.2 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.91 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Tgt Ion: 45 Resp: 333112
Ion Ratio Lower Upper
45 100
77 15.4 0.0 32.5
79 12.4 0.0 29.5





#17

2-Methylphenol

Concen: 37.29 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

Tot Ion:107 Resp: 203052

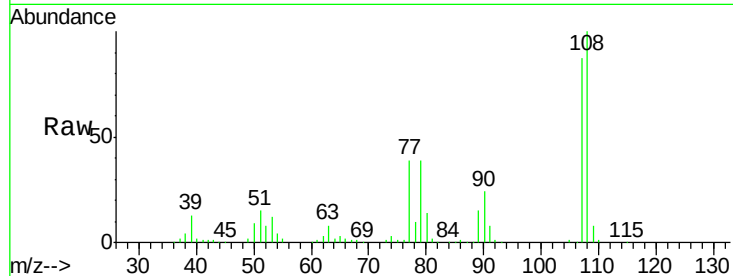
Ion Ratio Lower Upper

107 100

108 115.4 90.9 136.3

77 44.5 36.6 55.0

79 44.9 36.5 54.7

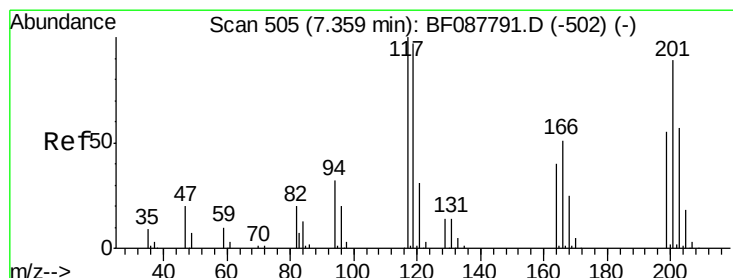
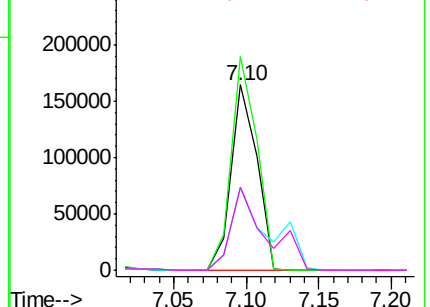
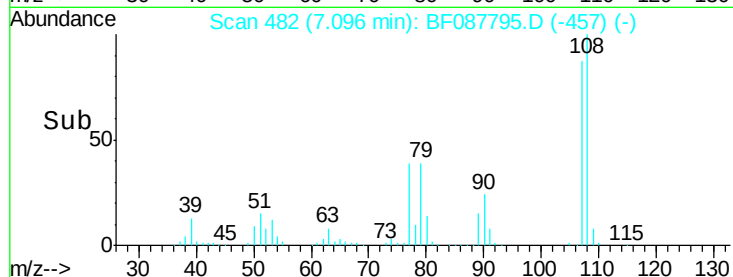


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.37 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

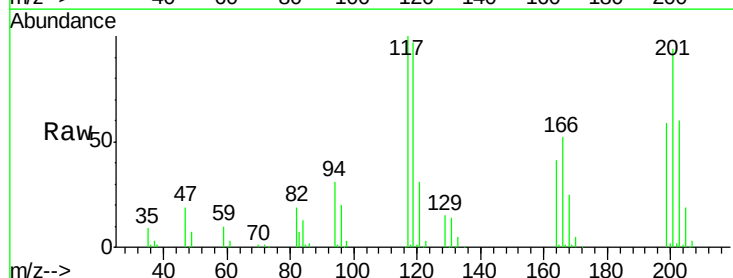
Tgt Ion:117 Resp: 103949

Ion Ratio Lower Upper

117 100

119 96.6 77.4 116.2

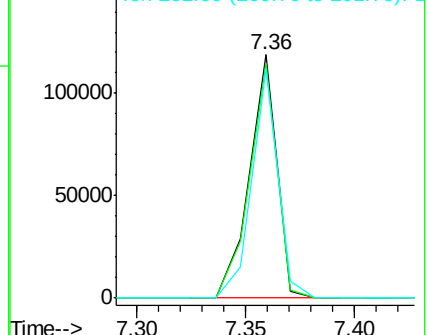
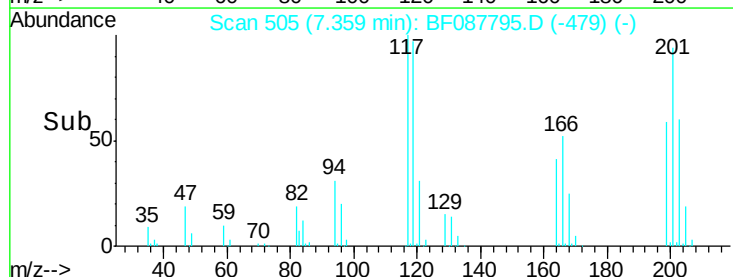
201 94.4 80.4 120.6

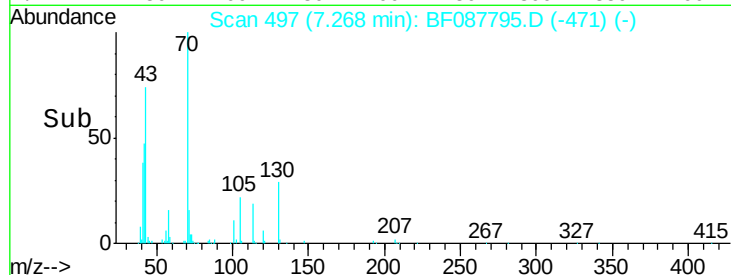
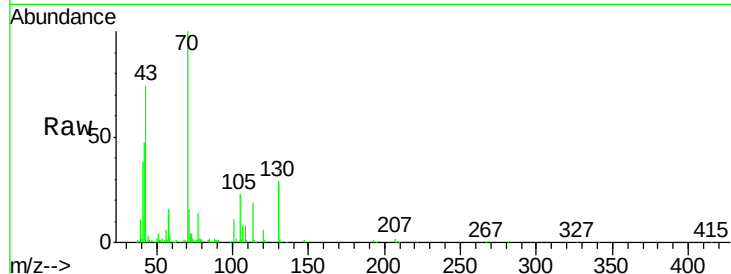
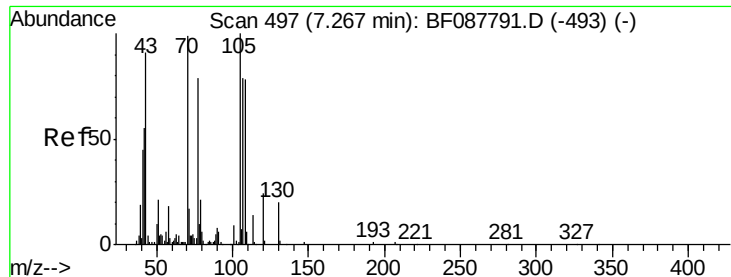


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

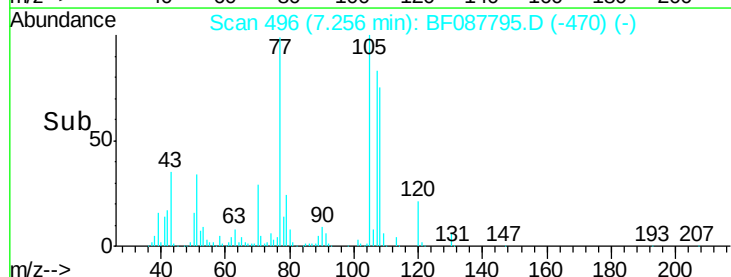
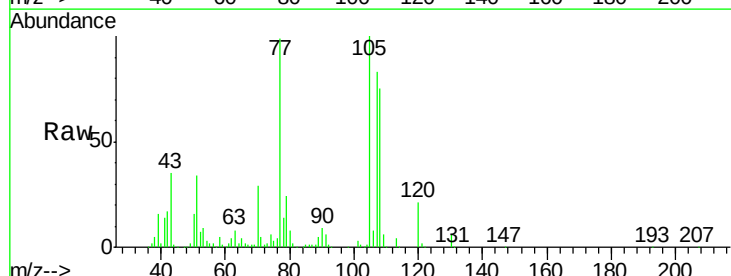
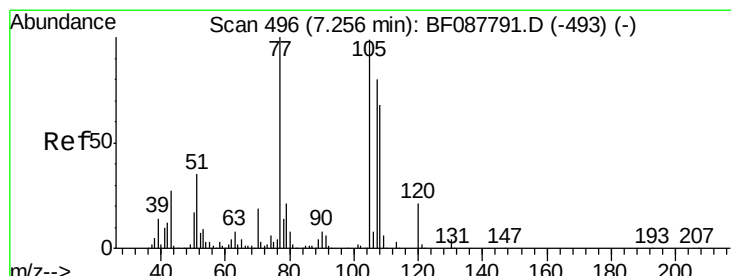
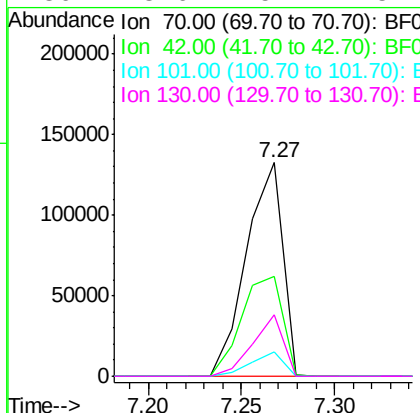




#19
n-Nitroso-di-n-propylamine
Concen: 40.75 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

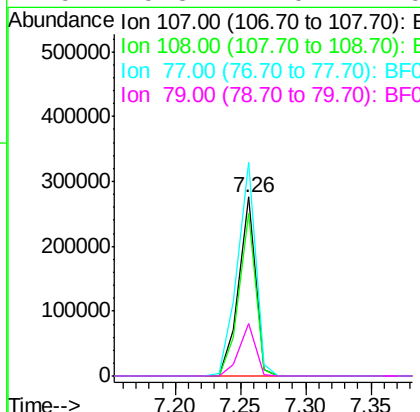
Instrument :
BNA_F
ClientSampleId :
ICVBF060716

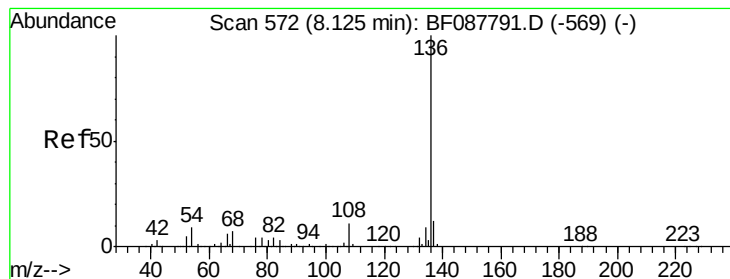
Tot Ion:	70	Resp:	179199
Ion	Ratio	Lower	Upper
70	100		
42	46.9	49.6	74.4#
101	11.5	7.1	10.7#
130	28.6	15.4	23.2#



#20
3+4-Methylphenols
Concen: 38.76 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Tgt Ion:	107	Resp:	246196
Ion	Ratio	Lower	Upper
107	100		
108	90.6	67.8	107.8
77	119.4	59.3	99.3#
79	29.3	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

Tot Ion:136 Resp: 375119

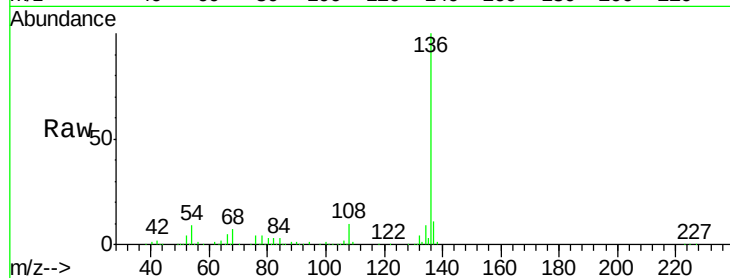
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.5 6.6 10.0

68 6.6 5.1 7.7

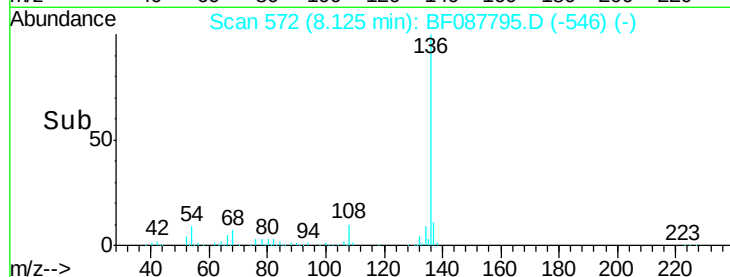


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

8.12

400000

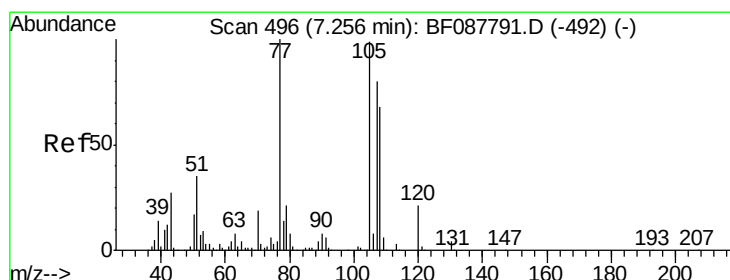
300000

200000

100000

0

Time-->



#22

Acetophenone

Concen: 39.51 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Tgt Ion:105 Resp: 331196

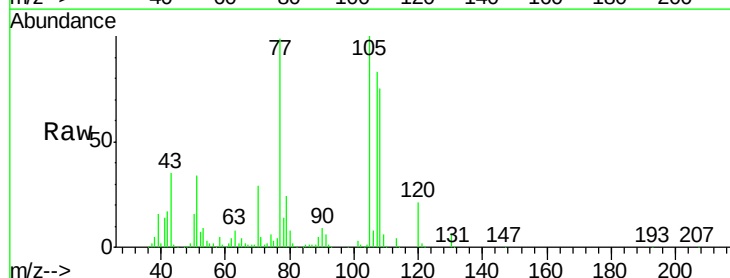
Ion Ratio Lower Upper

105 100

71 4.9 5.3 7.9#

51 33.9 18.2 27.4#

120 21.5 18.0 27.0

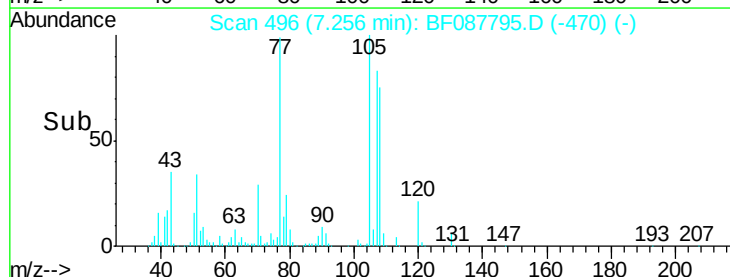


Abundance Ion 105.00 (104.70 to 105.70): E

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



Abundance

7.26

400000

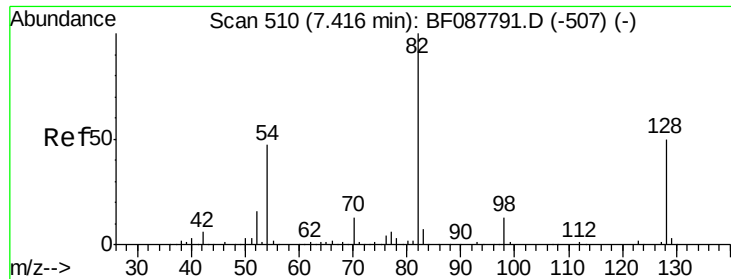
300000

200000

100000

0

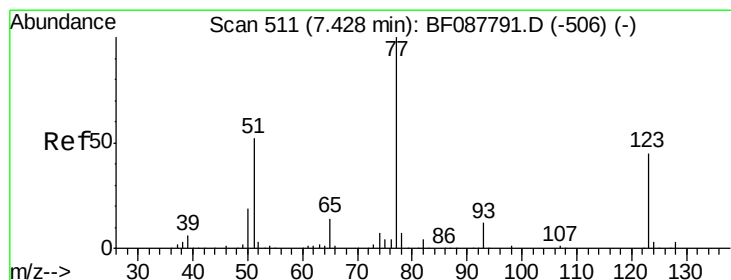
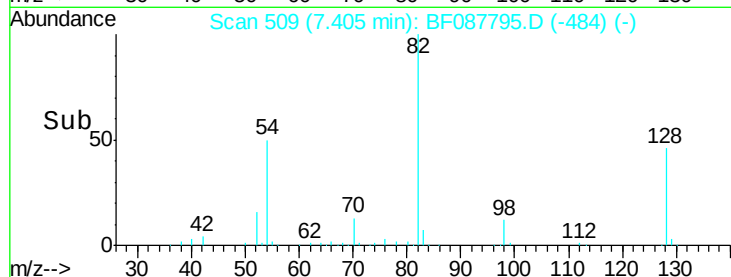
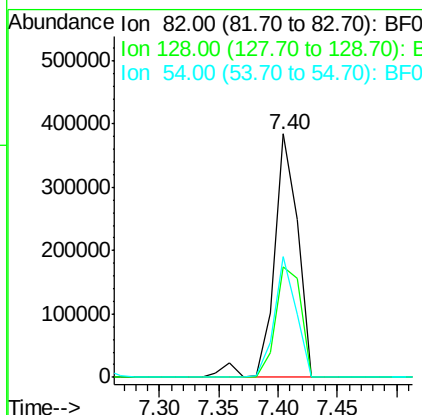
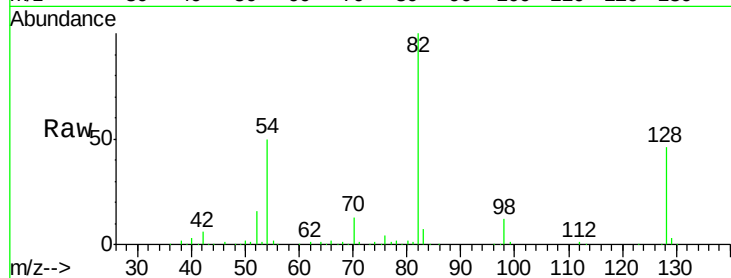
Time-->



#23
 Nitrobenzene-d5
 Concen: 41.01 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

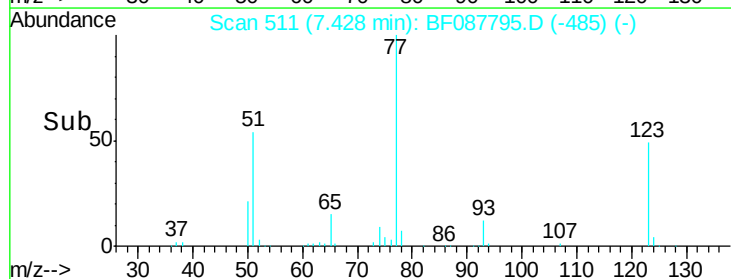
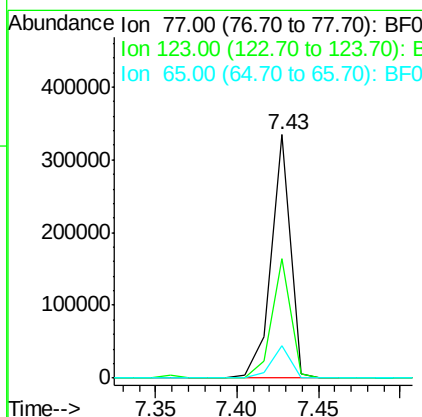
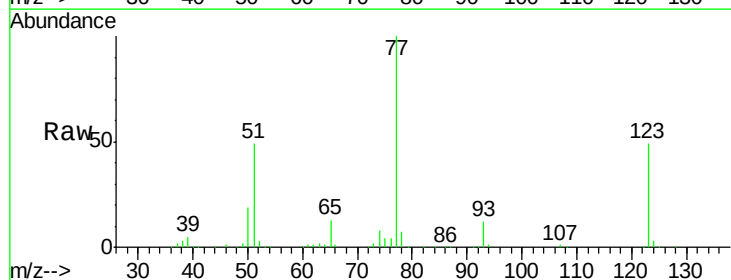
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

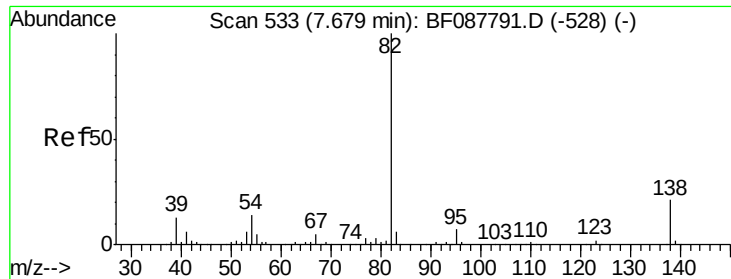
Tot Ion: 82 Resp: 526922
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.9 53.9
 54 49.5 40.9 61.3



#24
 Nitrobenzene
 Concen: 44.27 ng
 RT: 7.43 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Tgt Ion: 77 Resp: 275480
 Ion Ratio Lower Upper
 77 100
 123 49.2 45.0 67.4
 65 13.3 10.2 15.2





#25

Isophorone

Concen: 39.78 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

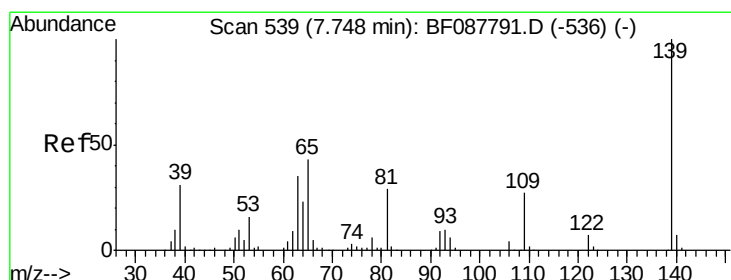
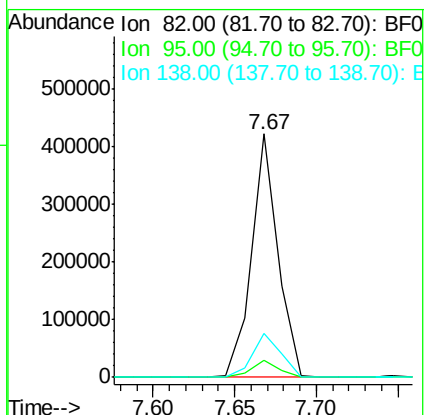
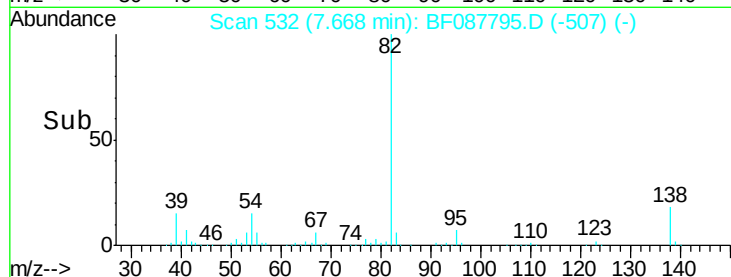
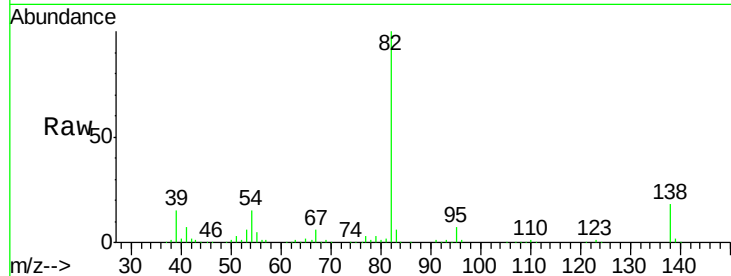
Tot Ion: 82 Resp: 473367

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 17.8 14.6 21.8



#26

2-Nitrophenol

Concen: 45.65 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

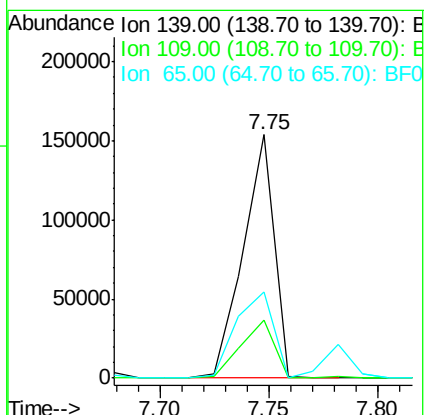
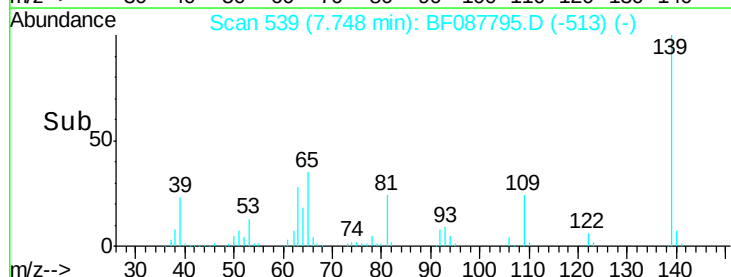
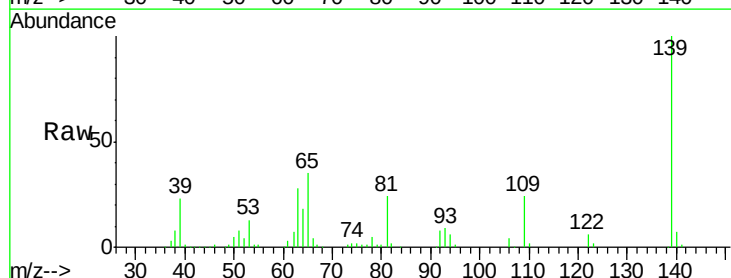
Tgt Ion: 139 Resp: 152161

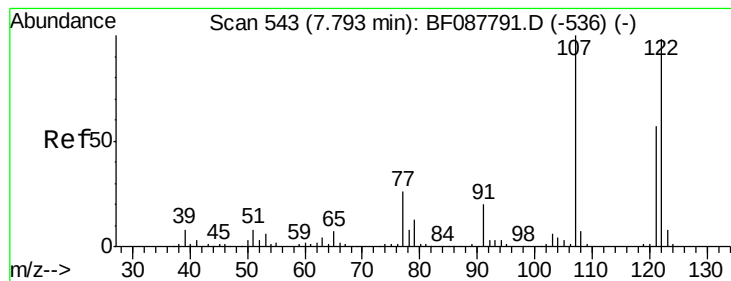
Ion Ratio Lower Upper

139 100

109 24.1 23.0 34.4

65 35.3 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 37.42 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

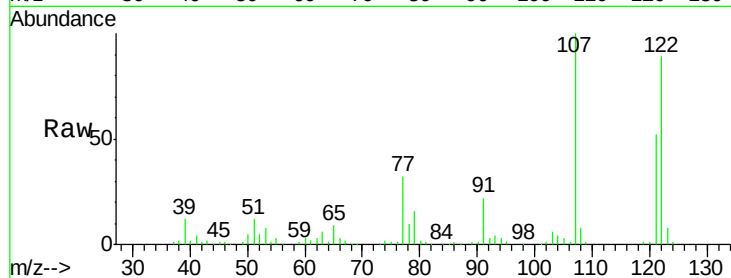
Tot Ion:122 Resp: 229629

Ion Ratio Lower Upper

122 100

107 112.9 82.4 123.6

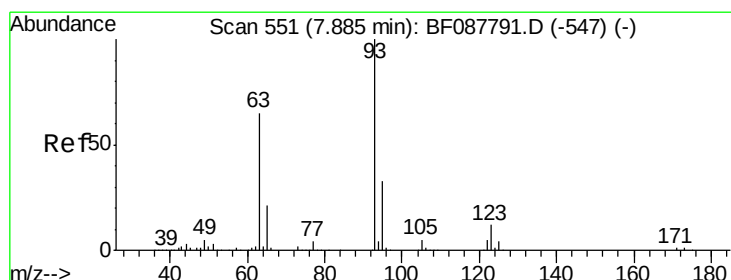
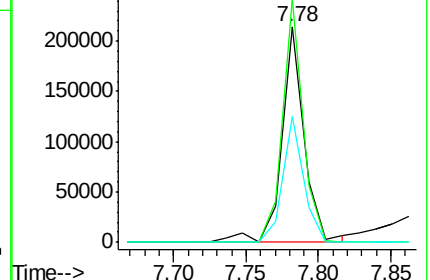
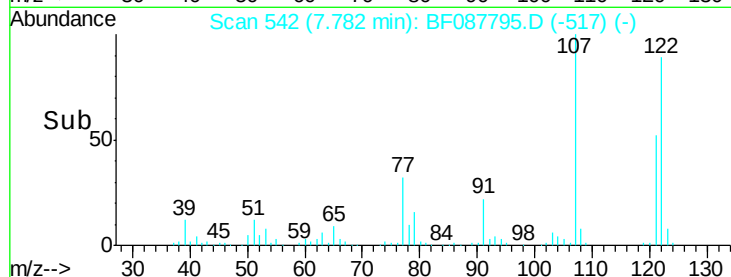
121 58.2 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.94 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

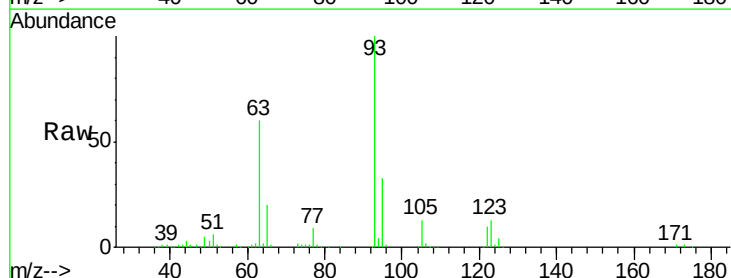
Tgt Ion: 93 Resp: 324278

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

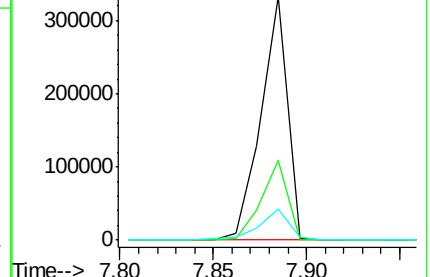
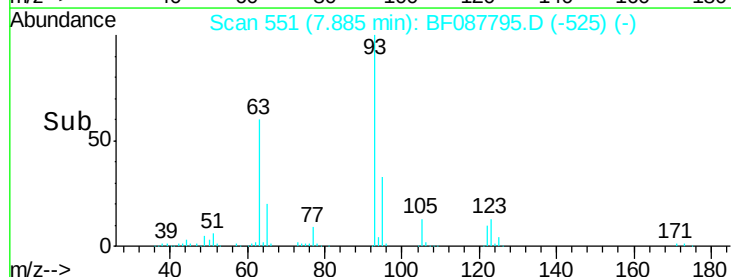
123 13.0 11.6 17.4

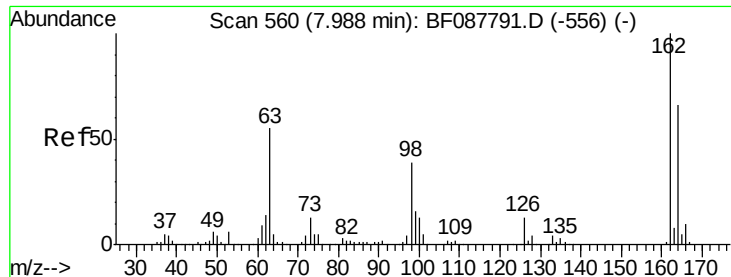


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

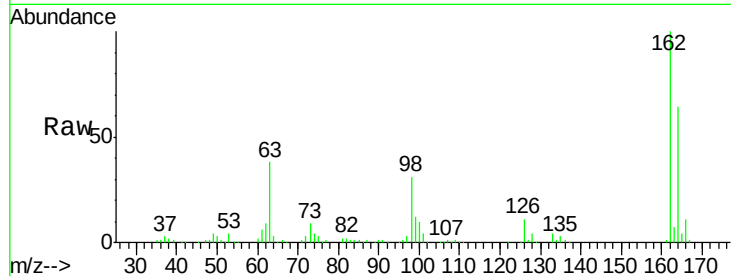




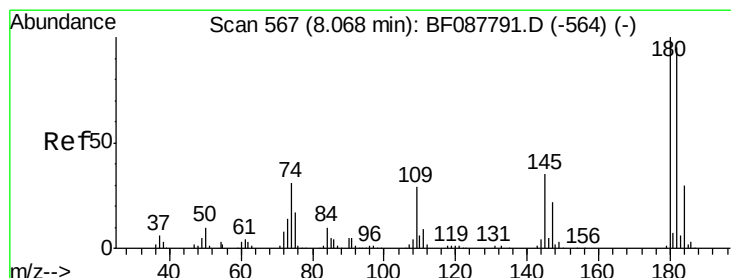
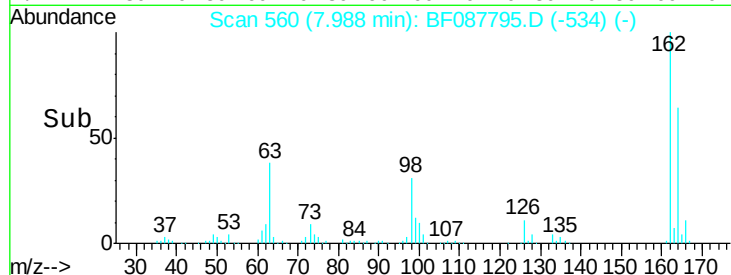
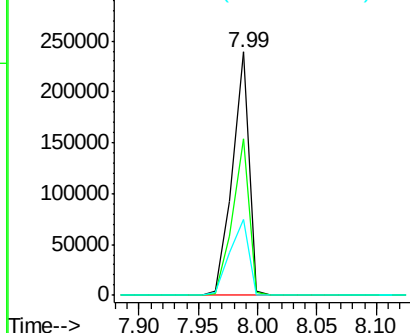
#29
 2,4-Dichlorophenol
 Concen: 45.74 ng
 RT: 7.99 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.8	83.8
98	31.1	21.3	61.3

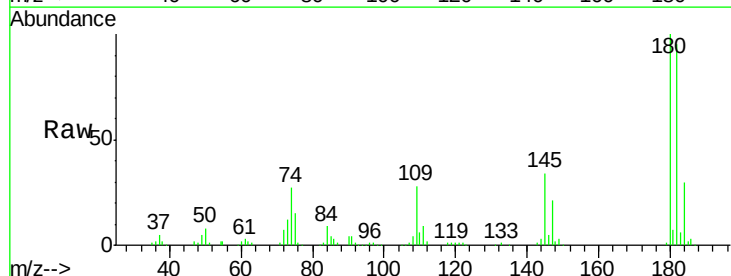


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

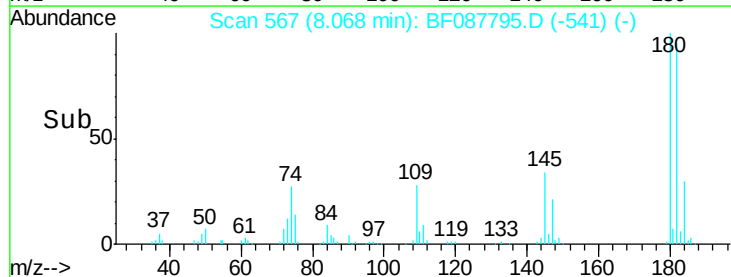
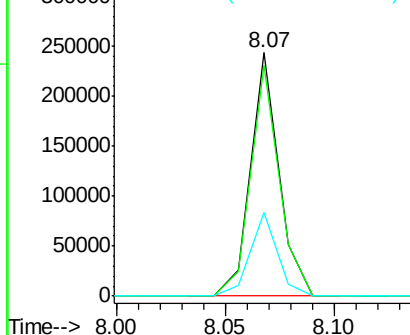


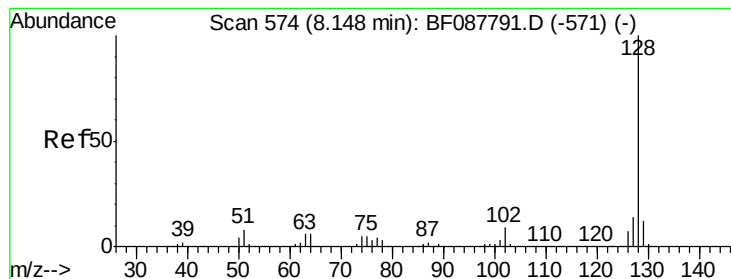
#30
 1,2,4-Trichlorobenzene
 Concen: 39.49 ng
 RT: 8.07 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.0	114.0
145	34.5	26.5	39.7



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





#31

Naphthalene

Concen: 38.74 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

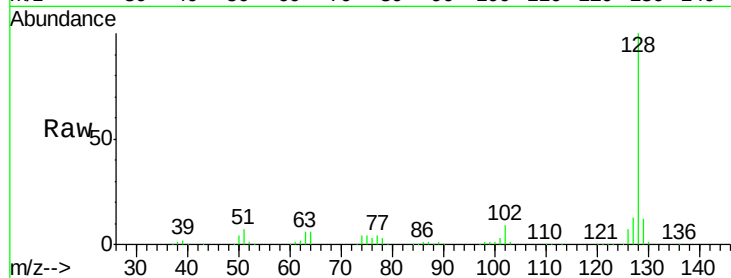
Tot Ion:128 Resp: 719091

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

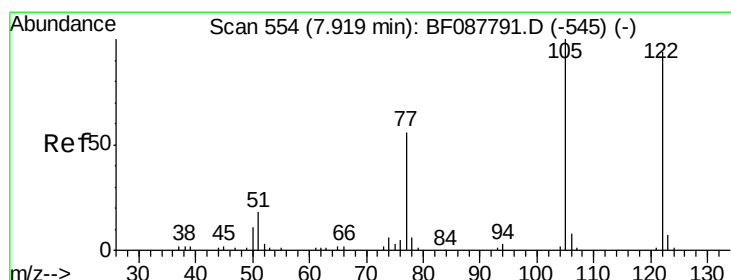
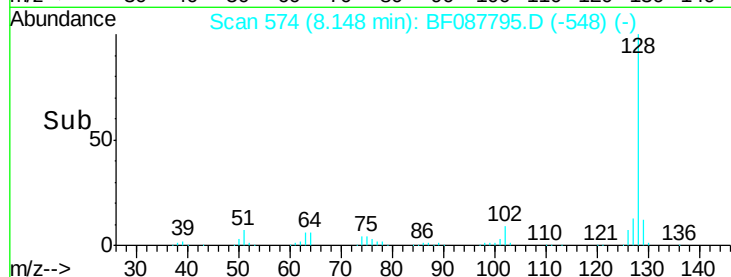
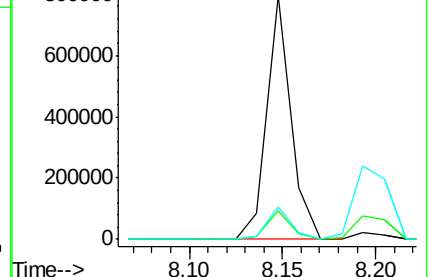
127 13.5 10.9 16.3



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: 41.95 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

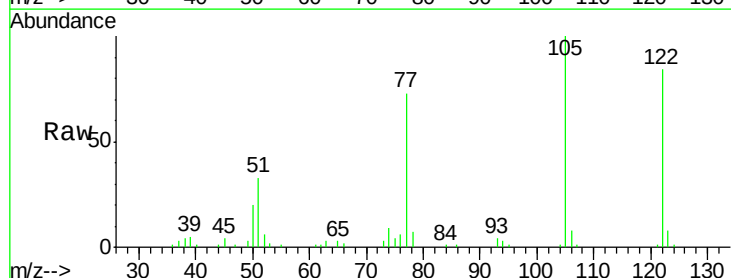
Tgt Ion:122 Resp: 141758

Ion Ratio Lower Upper

122 100

105 119.1 101.6 141.6

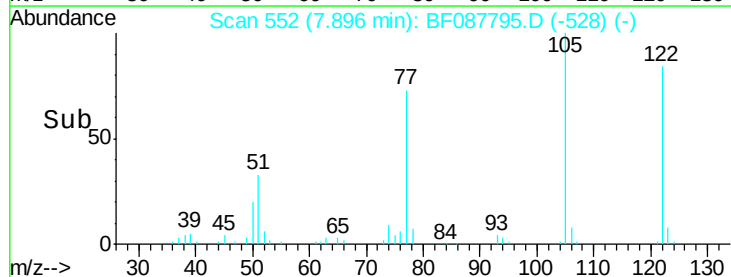
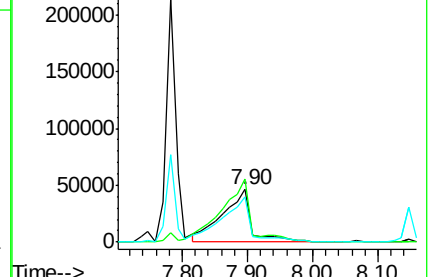
77 86.6 70.6 110.6

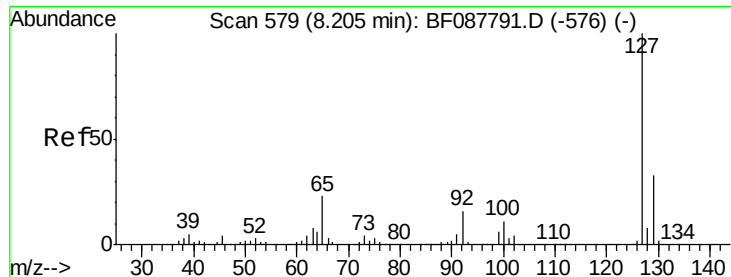


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

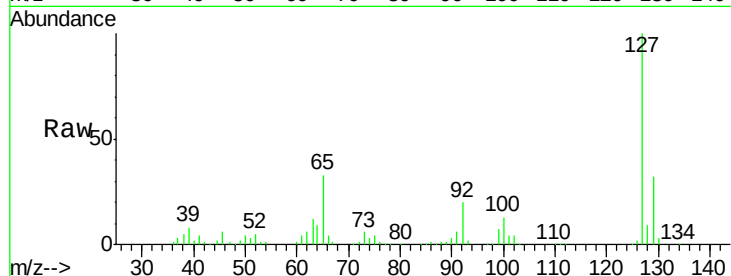




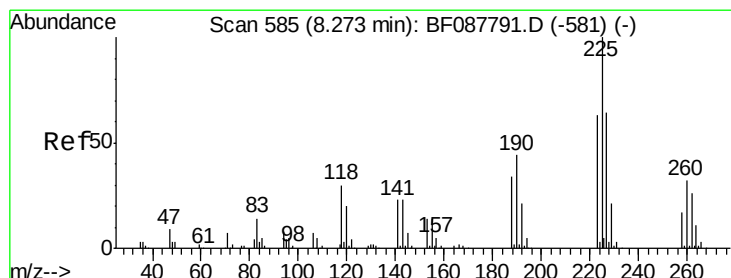
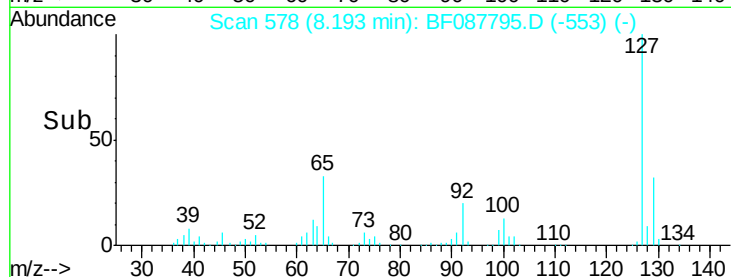
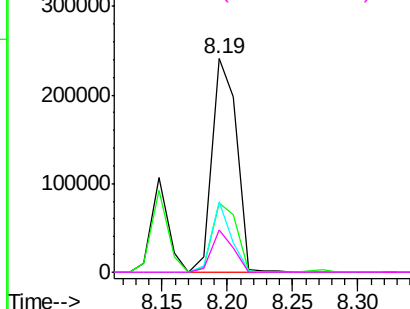
#33
4-Chloroaniline
Concen: 38.36 ng
RT: 8.19 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Instrument :
BNA_F
ClientSampleId :
ICVBF060716

Tot Ion:	127	Resp:	318010
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	33.0	24.7	37.1
92	19.8	15.4	23.0

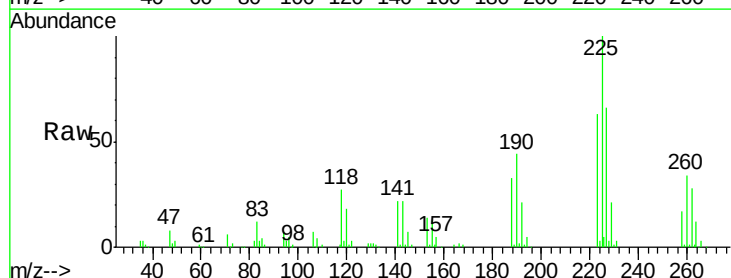


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

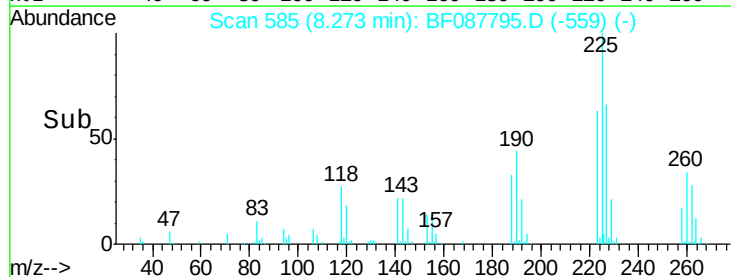
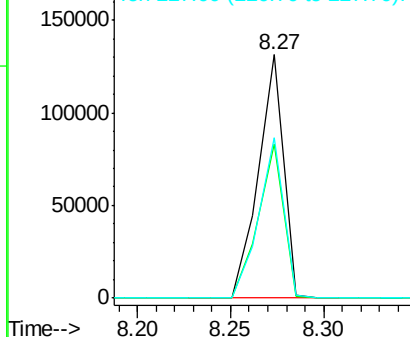


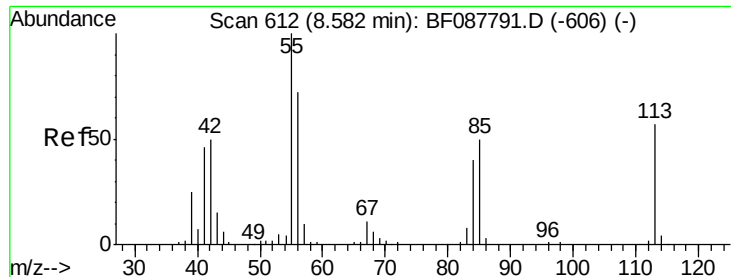
#34
Hexachlorobutadiene
Concen: 41.57 ng
RT: 8.27 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Tgt Ion:	225	Resp:	122337
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.9	76.3
227	65.9	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

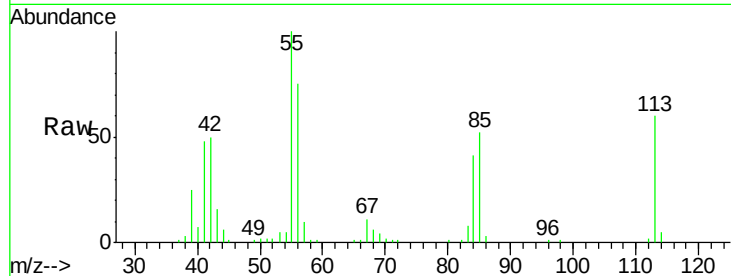




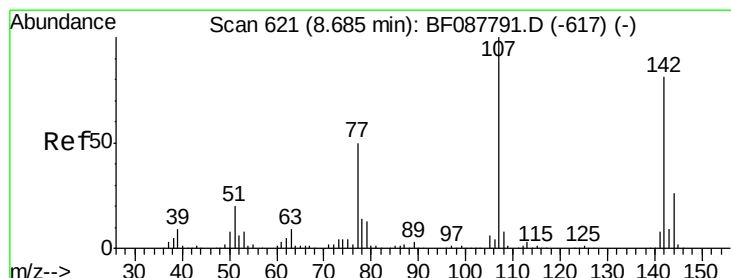
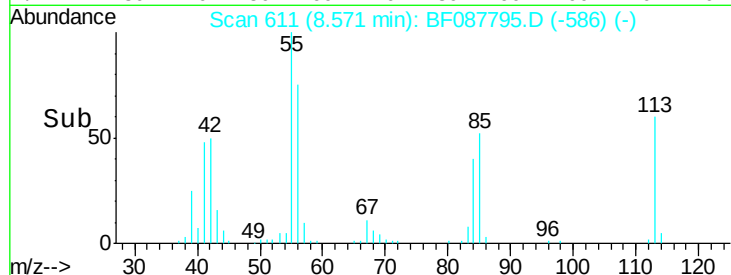
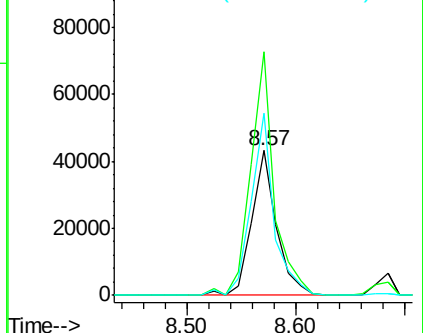
#35
 Caprolactam
 Concen: 40.32 ng
 RT: 8.57 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

Tot Ion:113 Resp: 68437
 Ion Ratio Lower Upper
 113 100
 55 168.0 158.6 198.6
 56 125.5 110.6 150.6

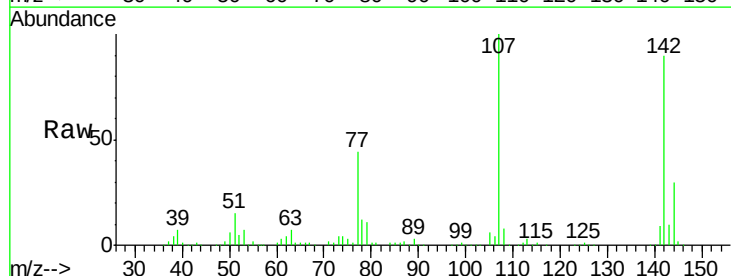


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

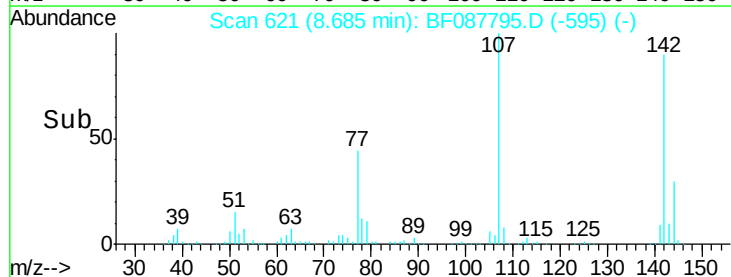
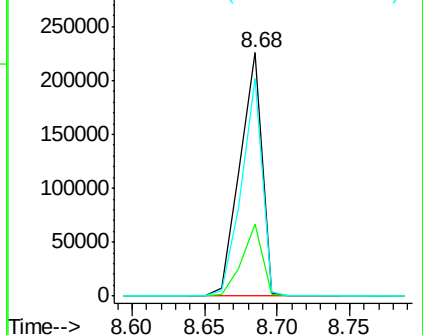


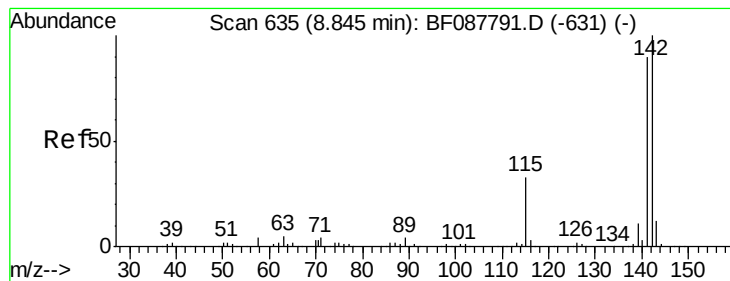
#36
 4-Chloro-3-methylphenol
 Concen: 43.86 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Tgt Ion:107 Resp: 240366
 Ion Ratio Lower Upper
 107 100
 144 29.5 20.8 31.2
 142 89.8 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: 41.30 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

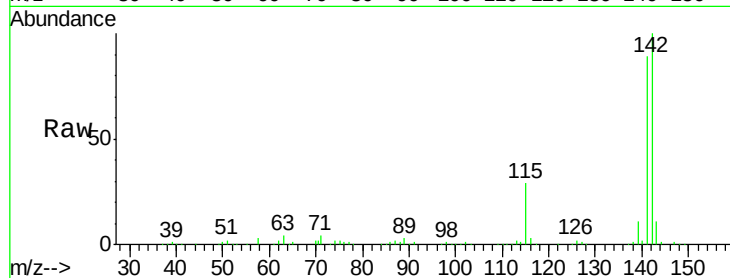
Tot Ion:142 Resp: 505297

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

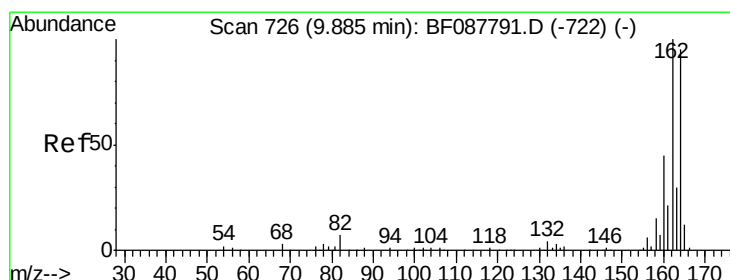
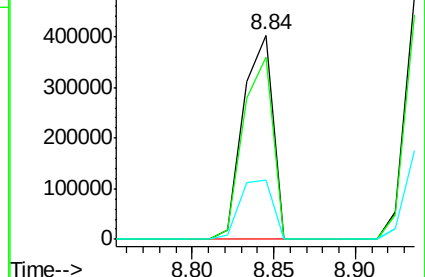
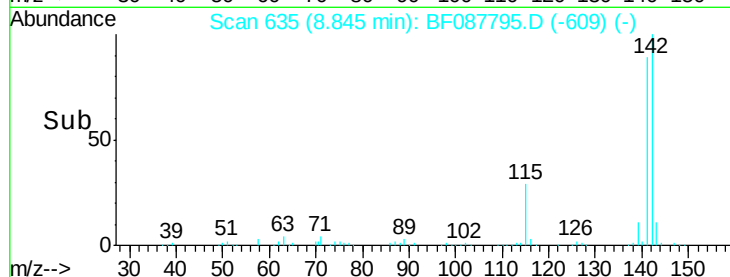
115 28.9 22.6 33.8



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: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

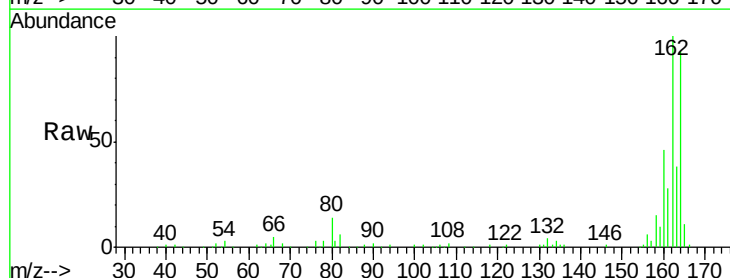
Tgt Ion:164 Resp: 186398

Ion Ratio Lower Upper

164 100

162 107.7 85.4 128.2

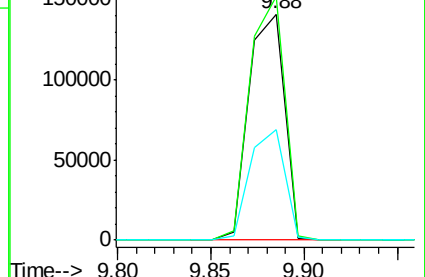
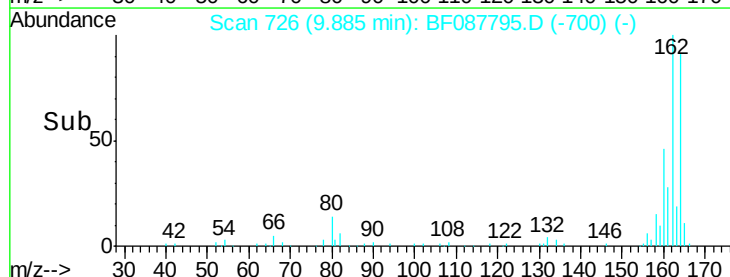
160 49.1 39.5 59.3

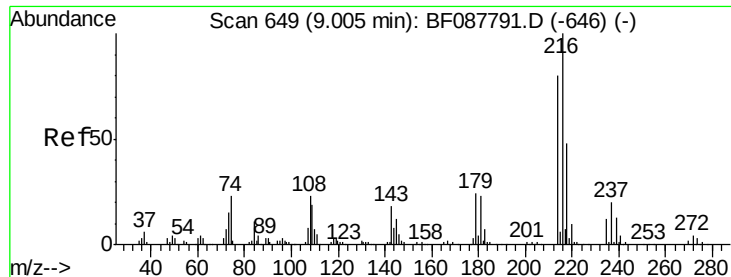


Abundance Ion 164.00 (163.70 to 164.70): E

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: 44.67 ng

RT: 9.00 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

Tot Ion:216 Resp: 217246

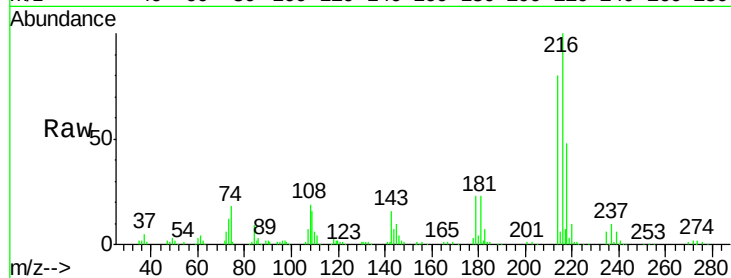
Ion Ratio Lower Upper

216 100

214 79.4 2.9 4.3#

179 23.0 0.0 0.0#

108 21.8 0.5 0.7#

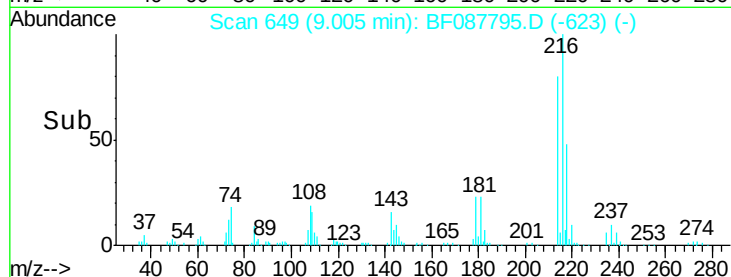


Abundance Ion 216.00 (215.70 to 216.70): E

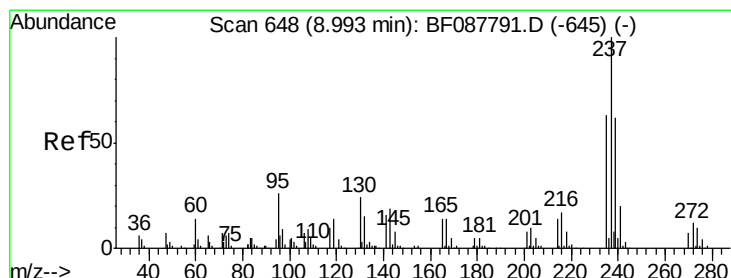
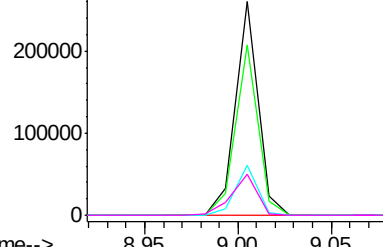
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 42.30 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

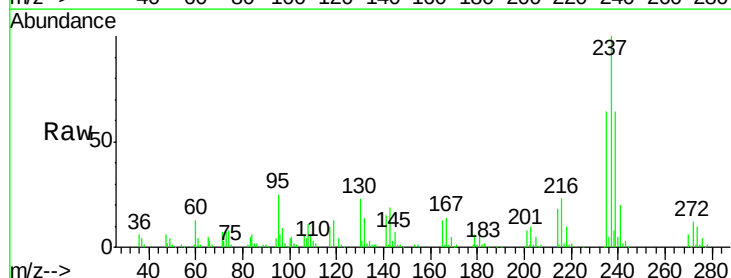
Tgt Ion:237 Resp: 127191

Ion Ratio Lower Upper

237 100

235 63.8 43.4 83.4

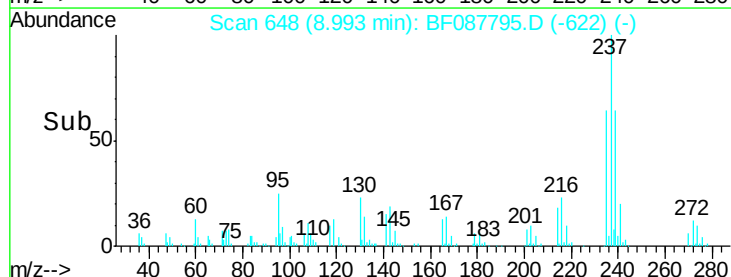
272 12.2 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

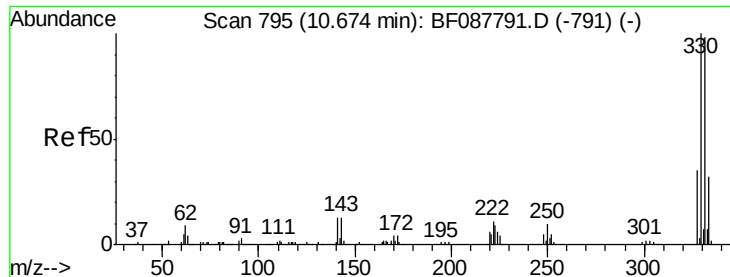
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 37.04 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

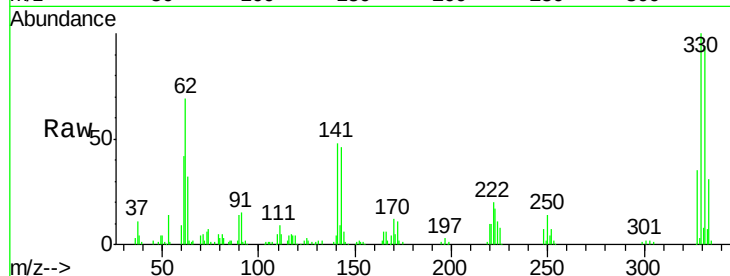
Tot Ion:330 Resp: 145807

Ion Ratio Lower Upper

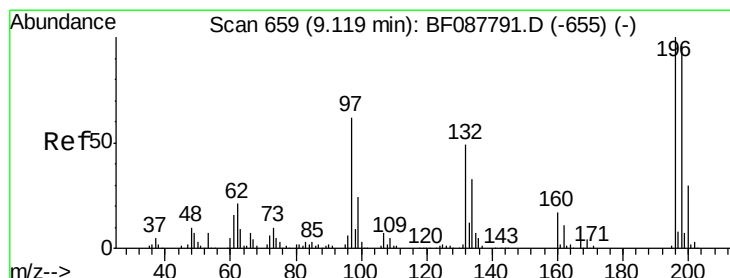
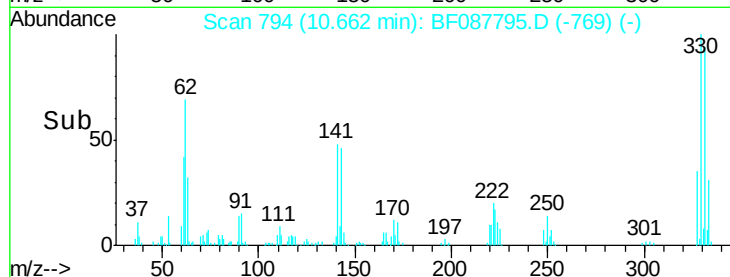
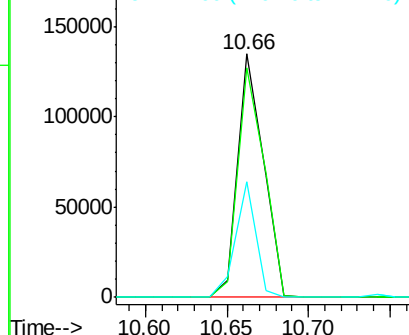
330 100

332 96.9 0.0 0.0#

141 37.4 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: 42.91 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

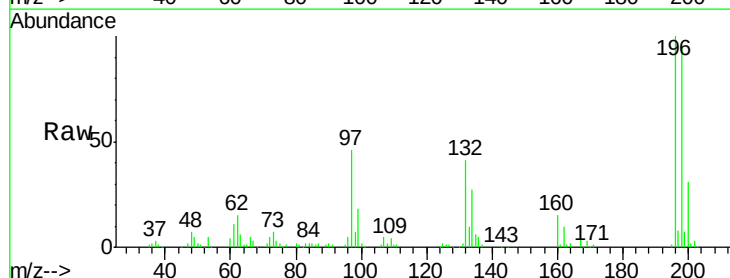
Tgt Ion:196 Resp: 159948

Ion Ratio Lower Upper

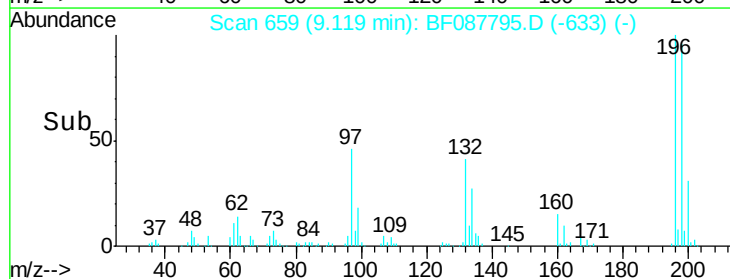
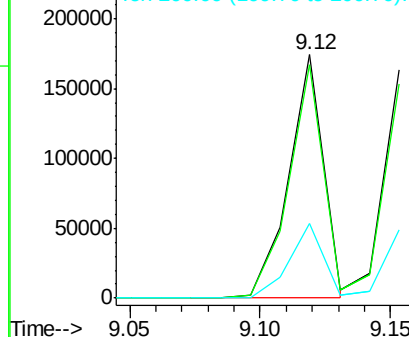
196 100

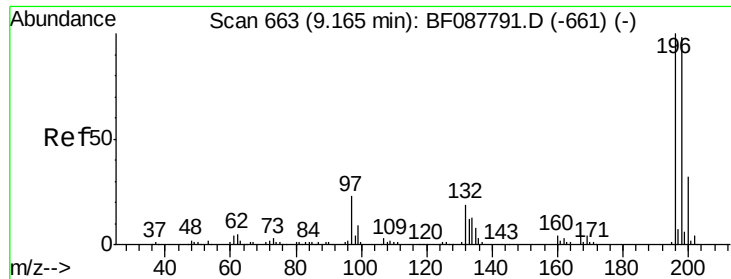
198 96.0 78.0 117.0

200 30.9 25.4 38.2



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

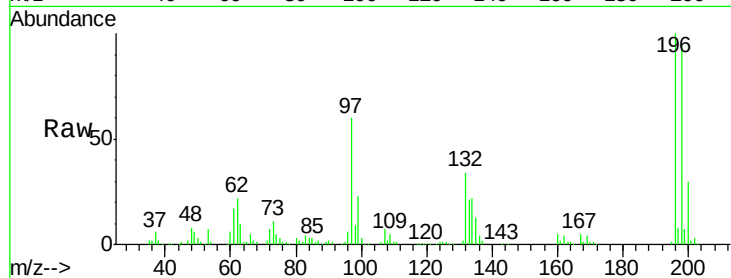




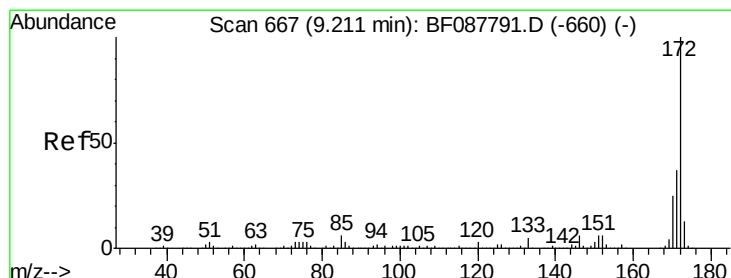
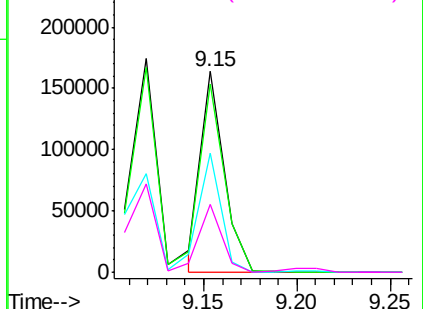
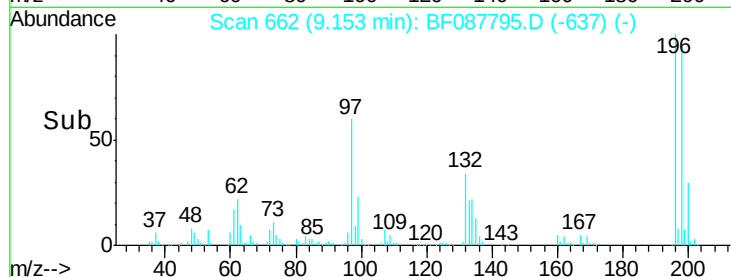
#43
 2,4,5-Trichlorophenol
 Concen: 36.32 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

Tot Ion:196 Resp: 140848
 Ion Ratio Lower Upper
 196 100
 198 93.6 77.5 116.3
 97 59.6 32.0 48.0#
 132 34.1 20.9 31.3#

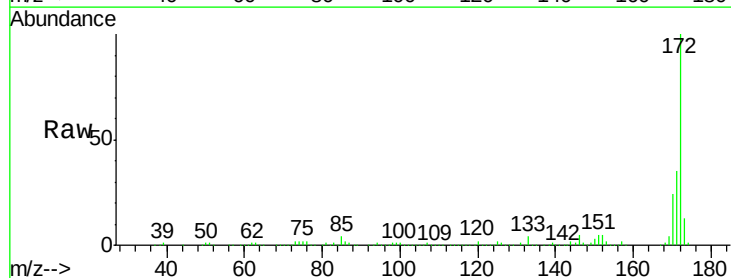


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

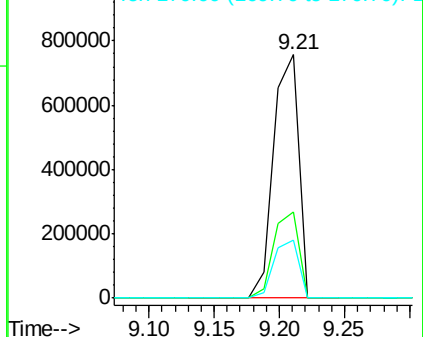
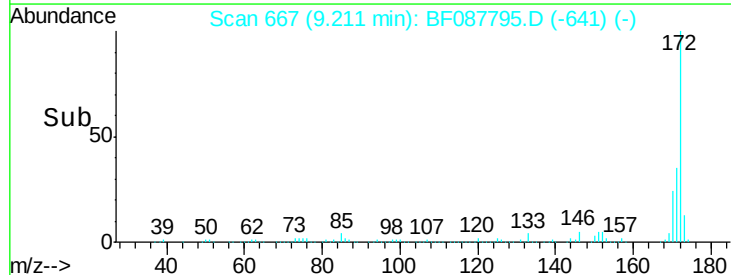


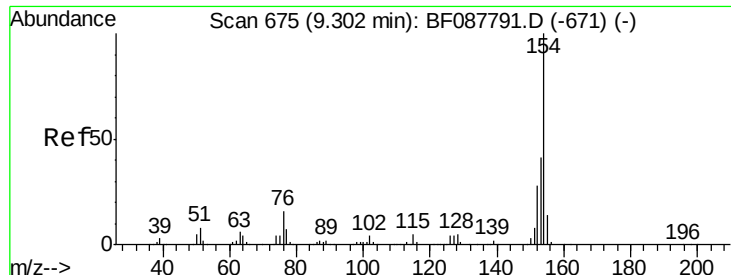
#44
 2-Fluorobiphenyl
 Concen: 43.26 ng
 RT: 9.21 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Tgt Ion:172 Resp: 1025505
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.6 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

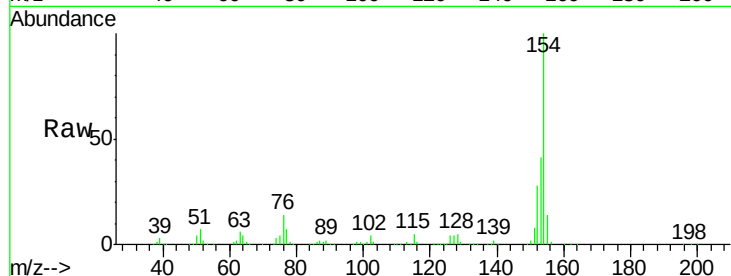




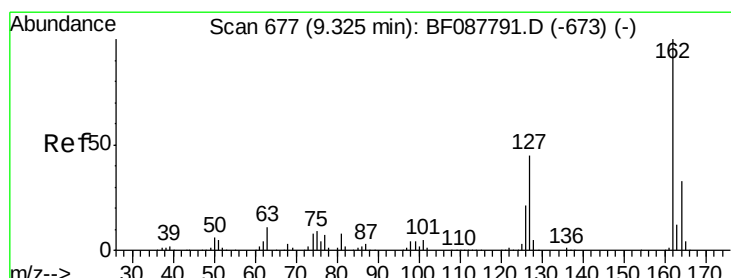
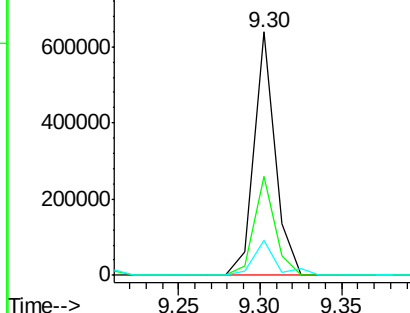
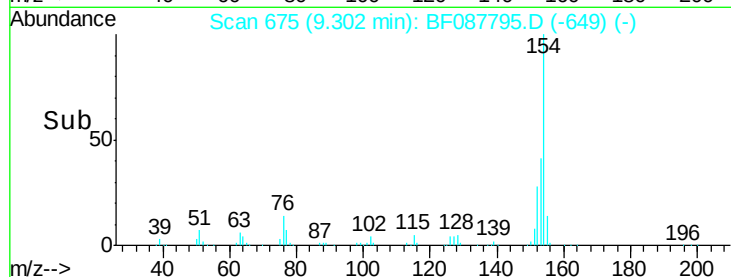
#45
 1,1'-Biphenyl
 Concen: 40.54 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	14.1	0.0	35.1

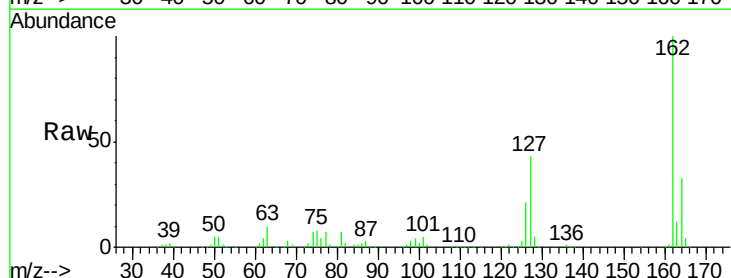


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

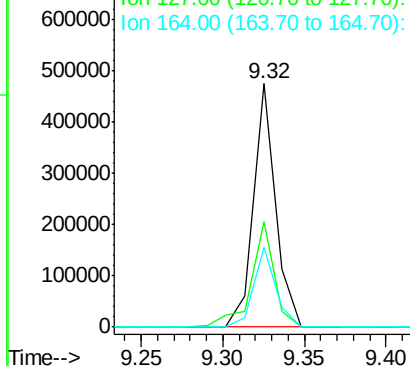
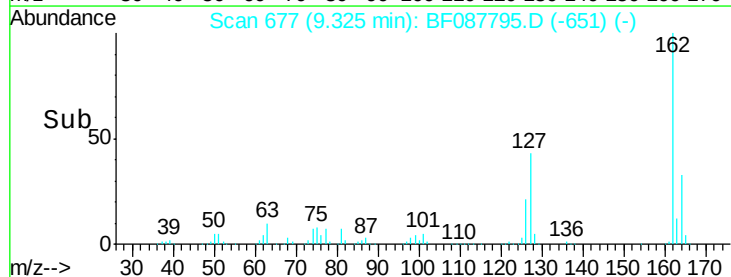


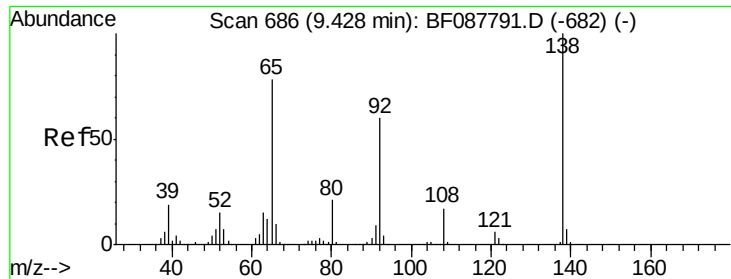
#46
 2-Chloronaphthalene
 Concen: 36.97 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.5	35.2	52.8
164	33.0	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.33 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

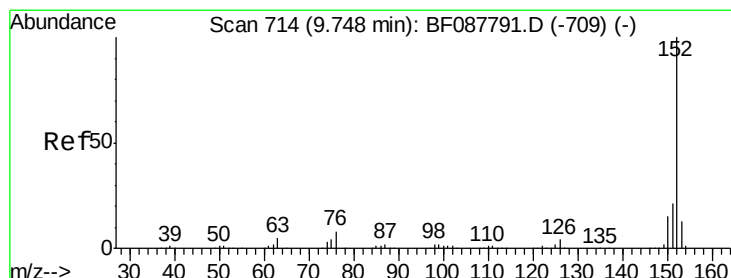
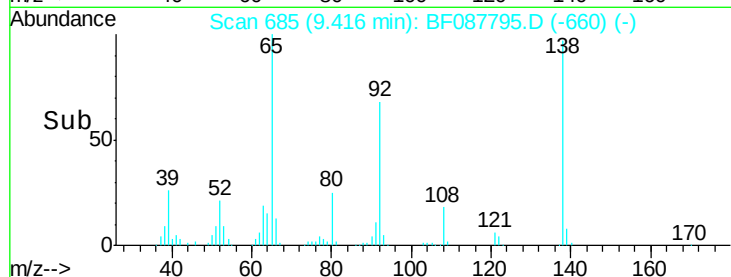
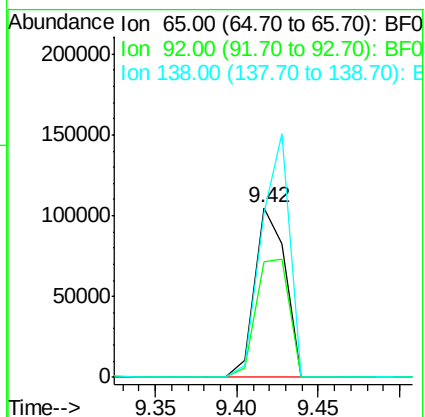
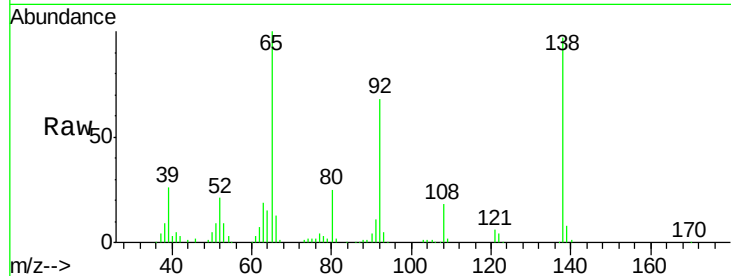
Tot Ion: 65 Resp: 136385

Ion Ratio Lower Upper

65 100

92 68.0 54.6 82.0

138 96.6 77.0 115.4



#48

Acenaphthylene

Concen: 39.23 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

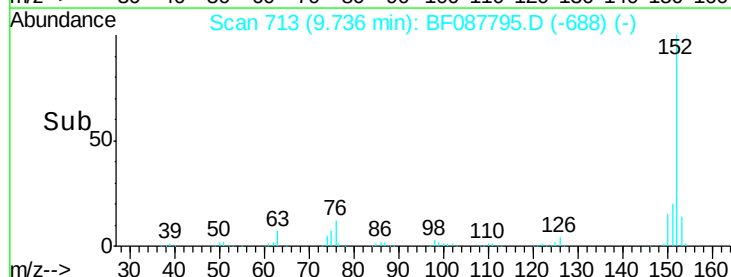
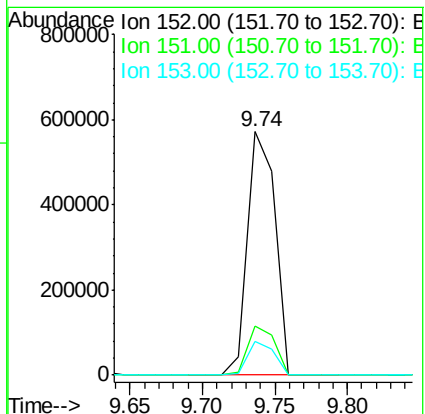
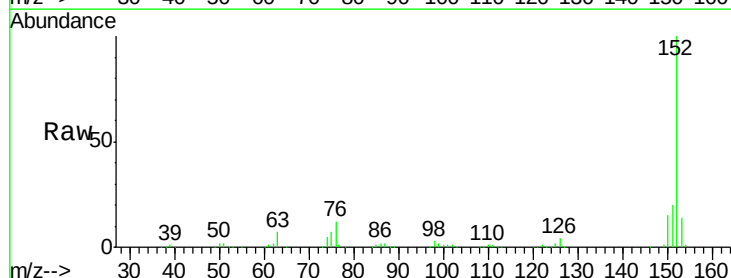
Tgt Ion: 152 Resp: 752725

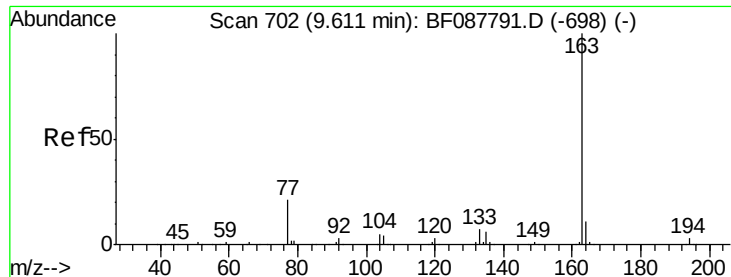
Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.9 11.0 16.6





#49

Dimethylphthalate

Concen: 44.32 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

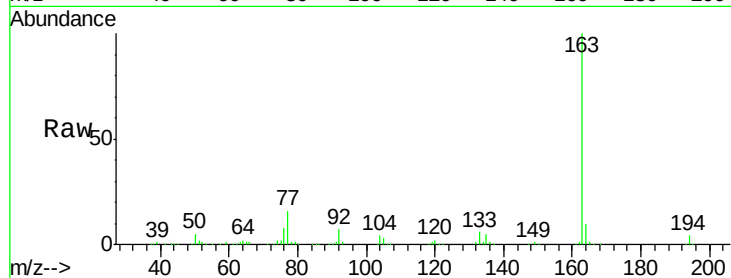
Tot Ion:163 Resp: 598451

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

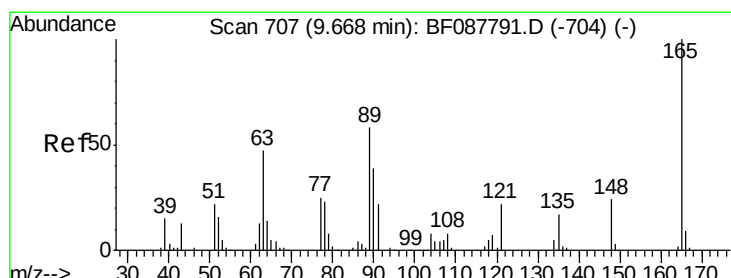
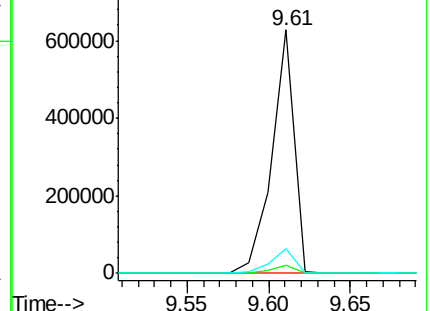
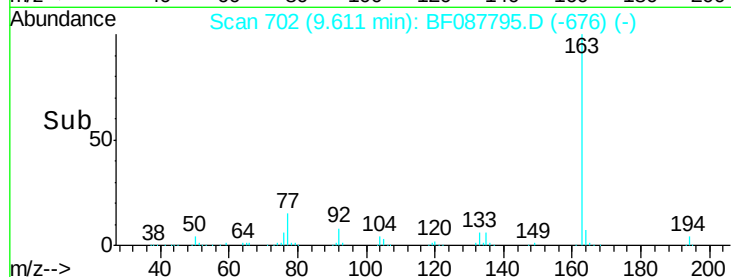
164 10.0 8.3 12.5



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: 45.53 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

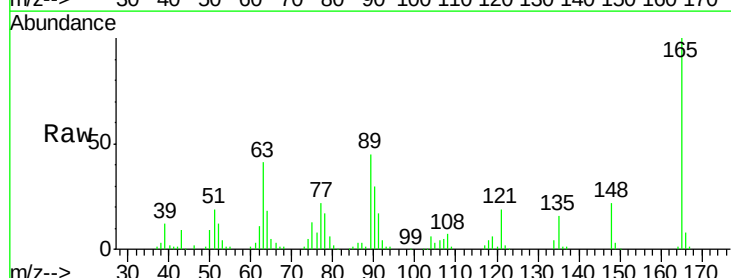
Tgt Ion:165 Resp: 140794

Ion Ratio Lower Upper

165 100

63 40.9 28.1 42.1

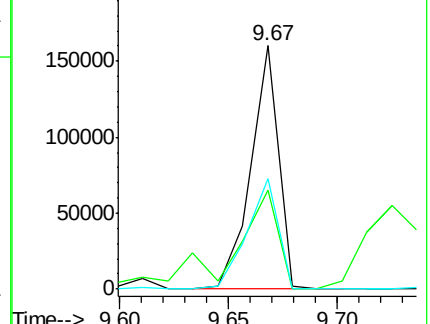
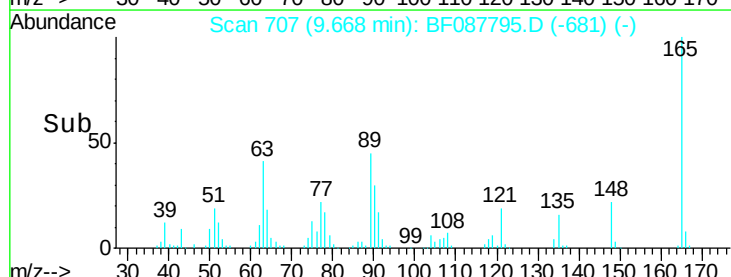
89 45.2 32.2 48.2

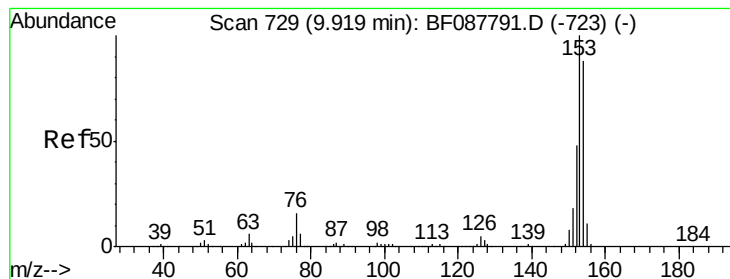


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.05 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

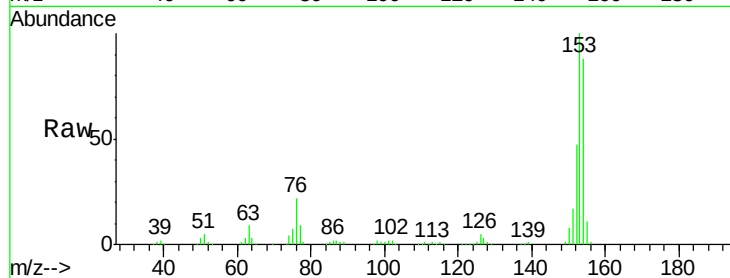
Tot Ion:154 Resp: 467387

Ion Ratio Lower Upper

154 100

153 113.0 89.5 134.3

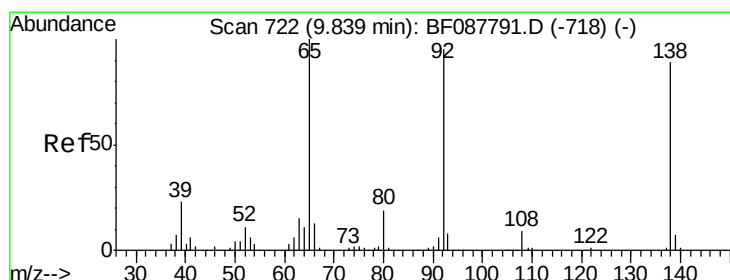
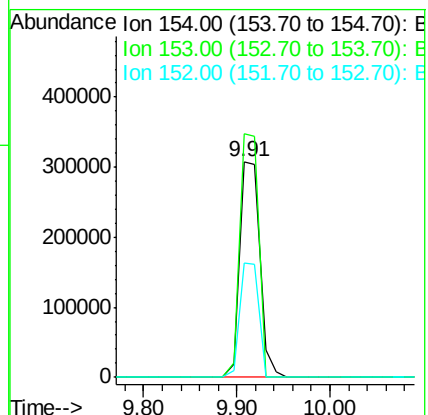
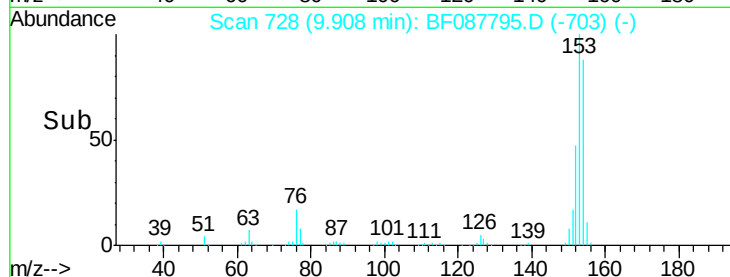
152 53.3 42.7 64.1



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: 38.40 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

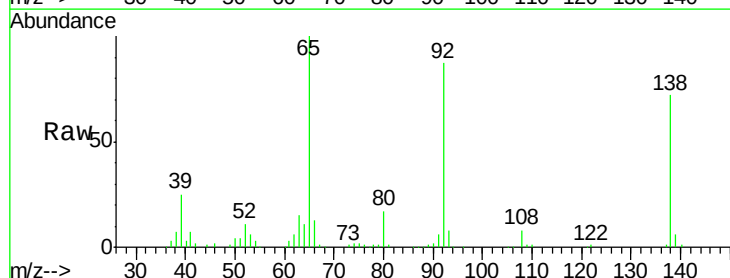
Tgt Ion:138 Resp: 137016

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

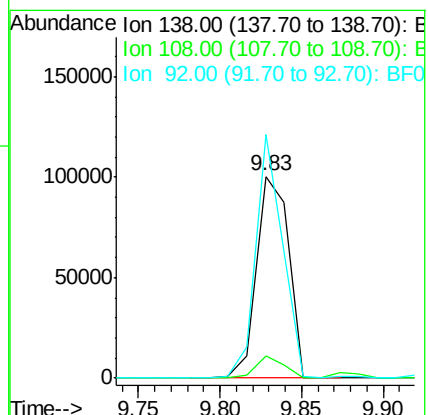
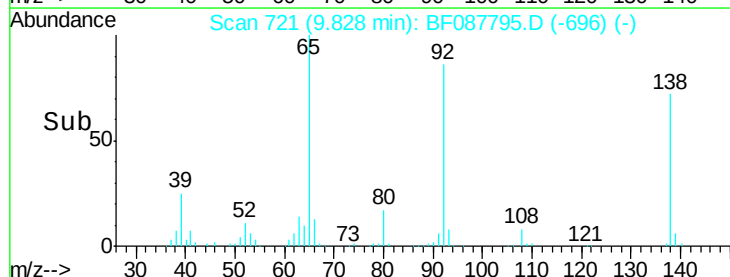
92 120.8 95.7 143.5

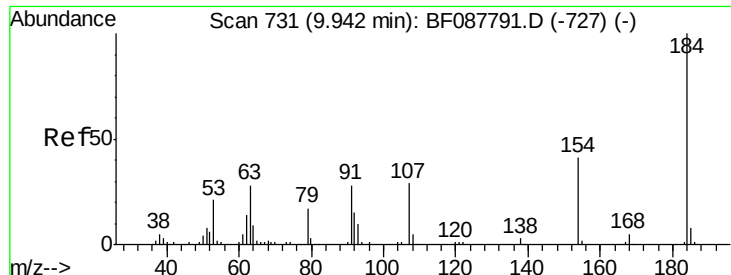


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

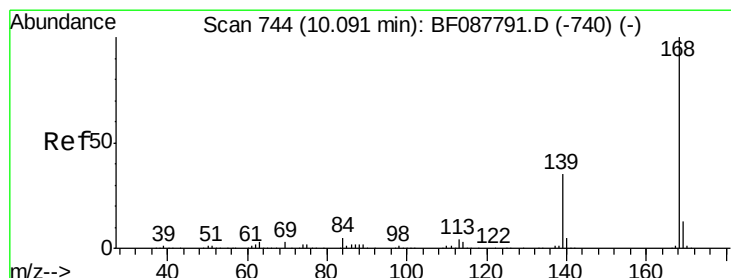
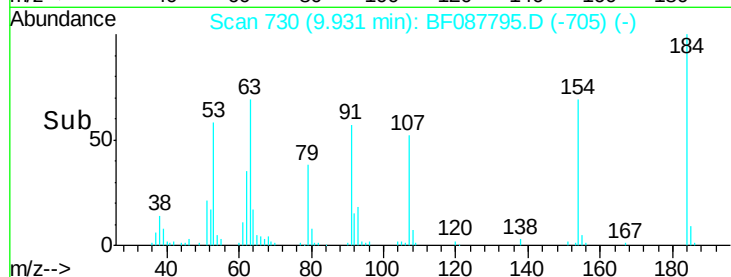
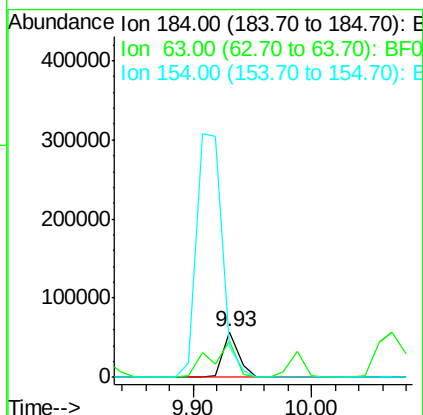
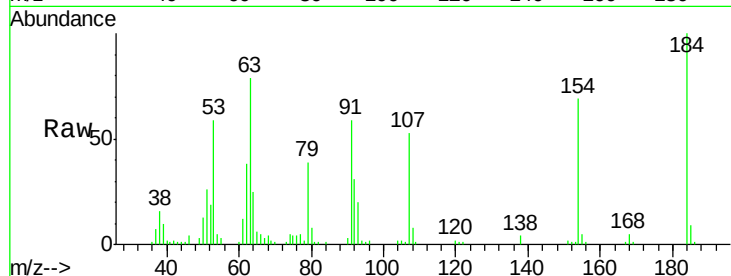




#53
 2,4-Dinitrophenol
 Concen: 37.49 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

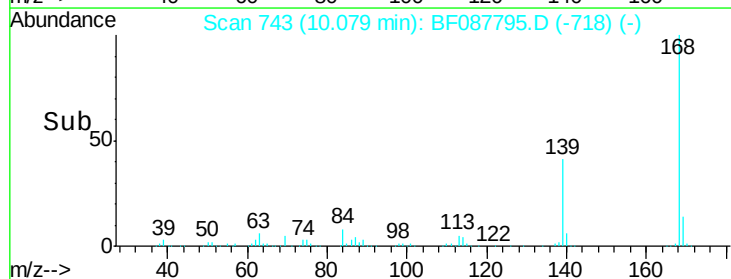
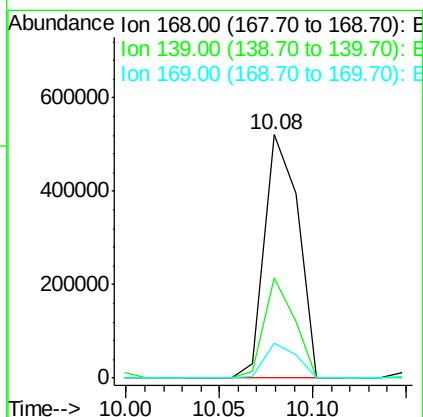
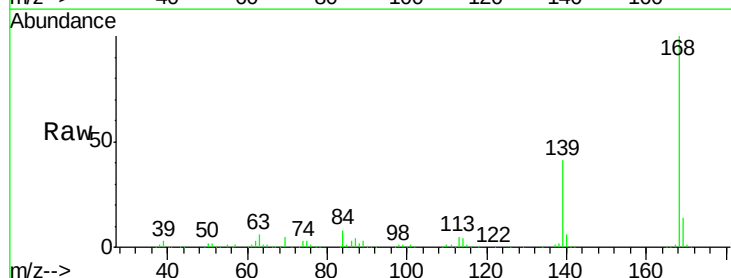
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

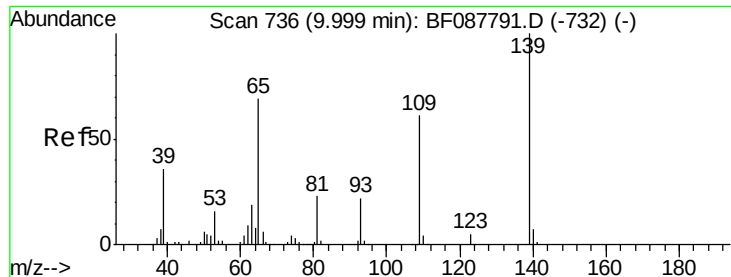
Tot Ion:184 Resp: 53540
 Ion Ratio Lower Upper
 184 100
 63 78.9 57.6 86.4
 154 69.0 53.5 80.3



#54
 Dibenzofuran
 Concen: 39.44 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Tgt Ion:168 Resp: 650089
 Ion Ratio Lower Upper
 168 100
 139 40.9 26.4 39.6#
 169 14.2 10.4 15.6

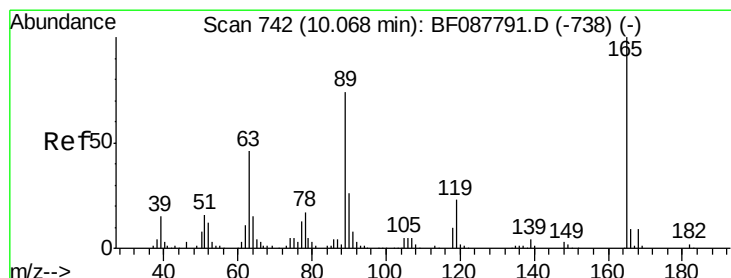
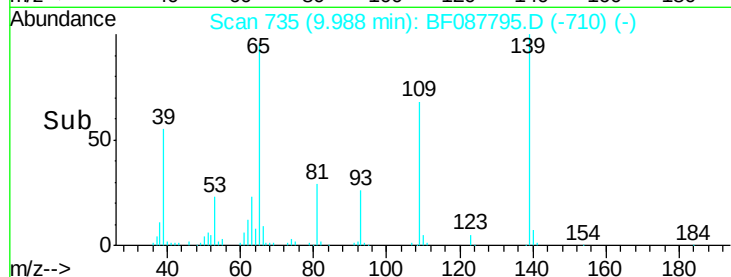
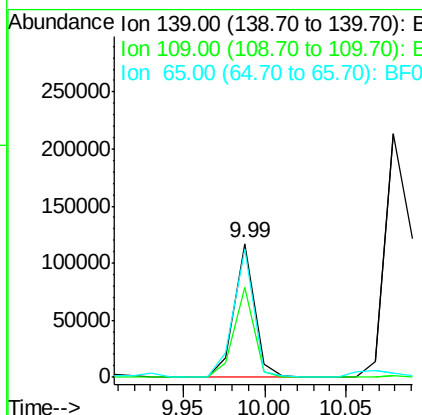
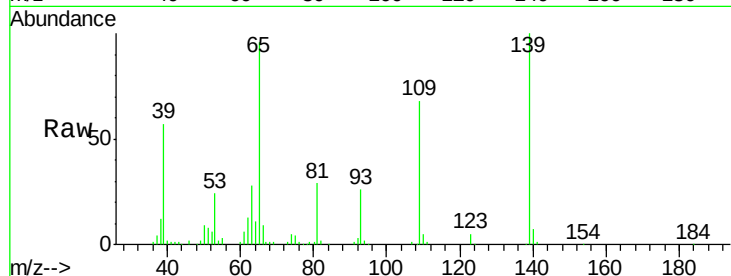




#55
4-Nitrophenol
Concen: 36.52 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

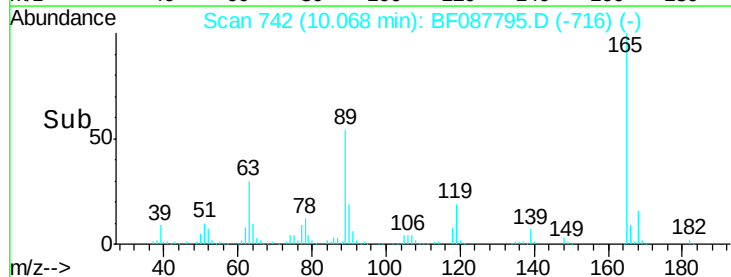
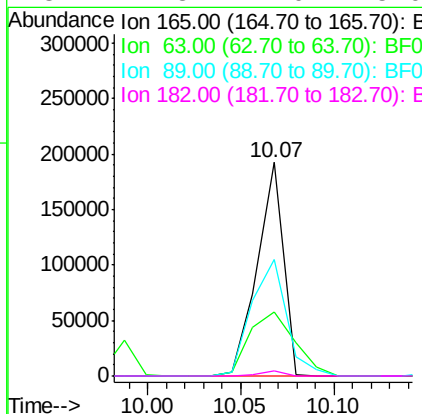
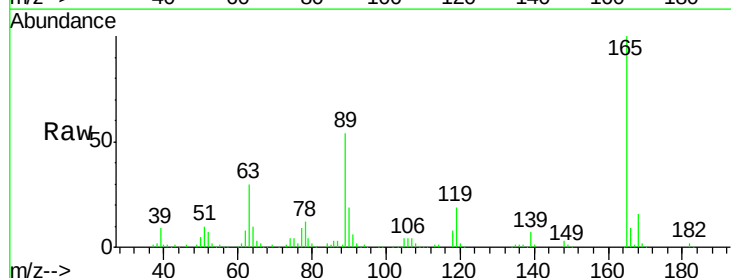
Instrument :
BNA_F
ClientSampleId :
ICVBF060716

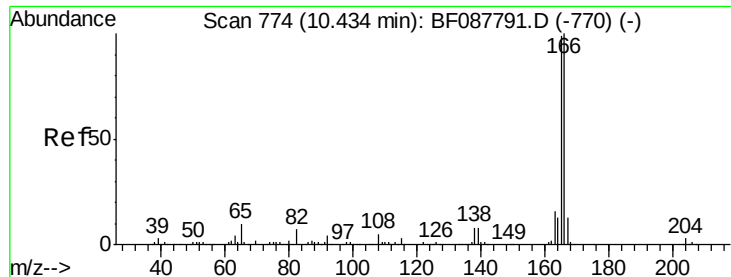
Tot Ion:139 Resp: 101146
Ion Ratio Lower Upper
139 100
109 67.5 48.9 88.9
65 95.9 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 46.75 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Tgt Ion:165 Resp: 185765
Ion Ratio Lower Upper
165 100
63 30.0 22.0 33.0
89 54.3 41.1 61.7
182 2.3 2.0 3.0

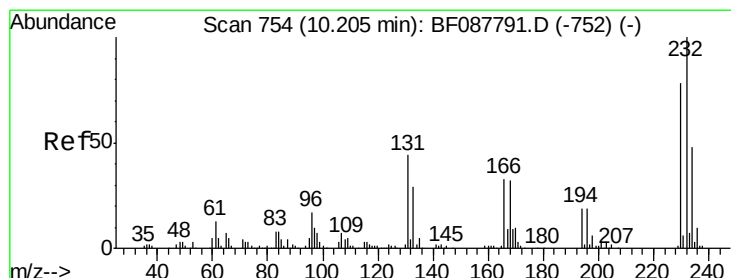
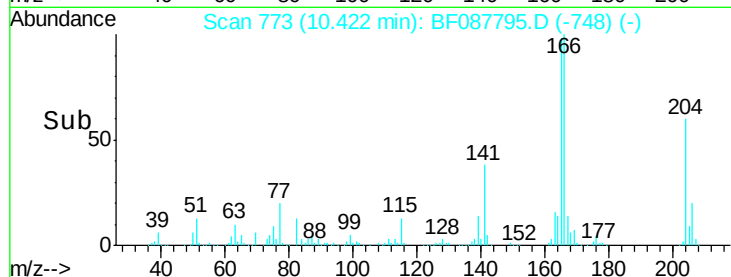
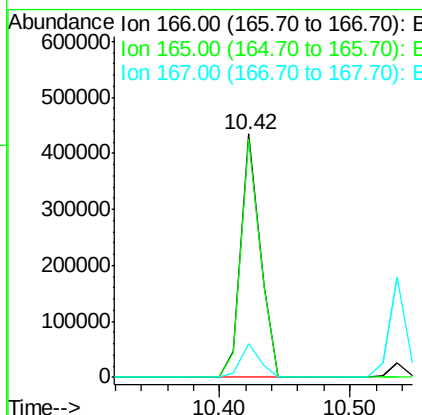
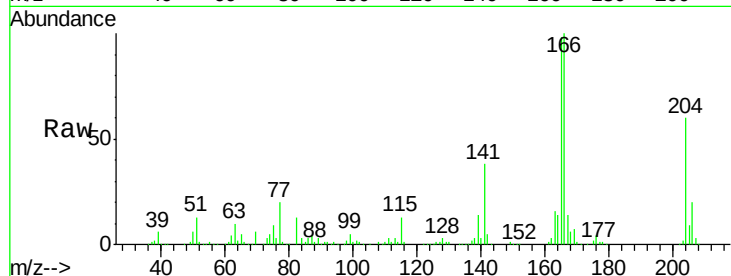




#57
 Fluorene
 Concen: 39.35 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

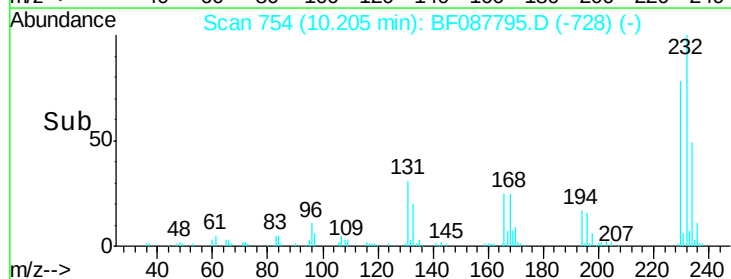
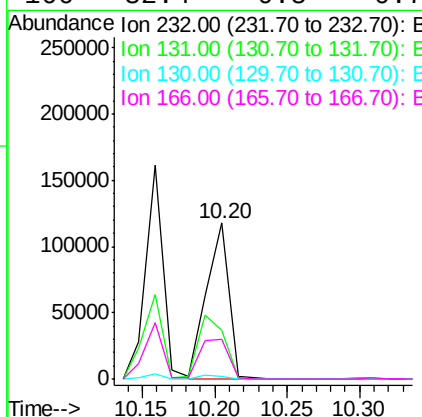
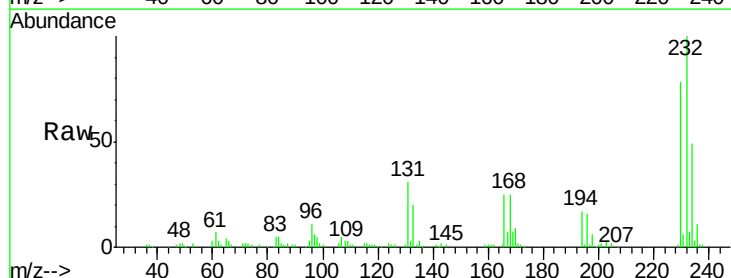
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

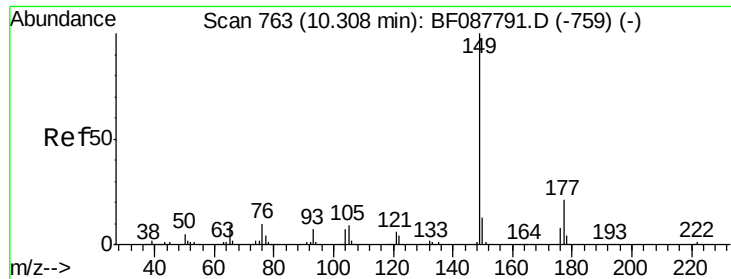
Tot Ion:166 Resp: 445090
 Ion Ratio Lower Upper
 166 100
 165 98.1 77.8 116.8
 167 13.9 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.48 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Tgt Ion:232 Resp: 126412
 Ion Ratio Lower Upper
 232 100
 131 46.7 0.9 1.3#
 130 2.3 1.5 2.3#
 166 32.4 0.5 0.7#

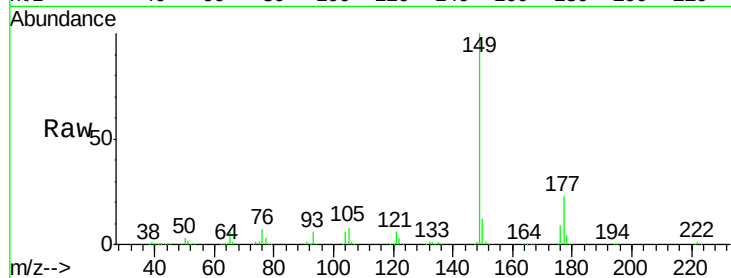




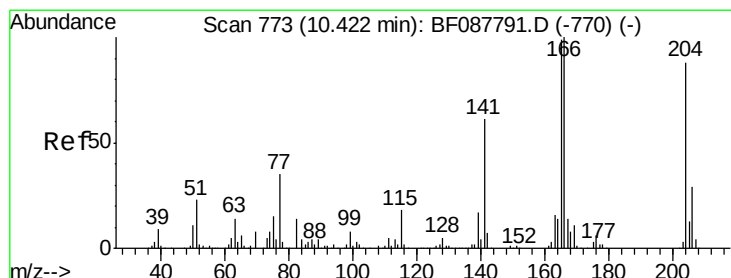
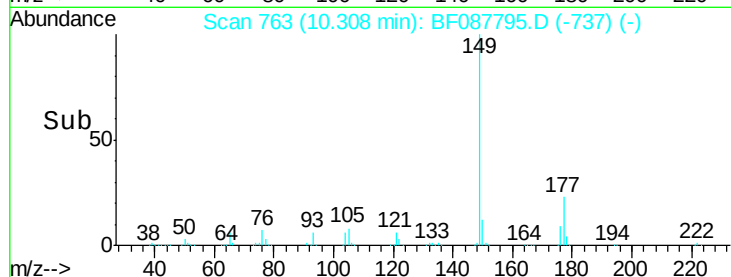
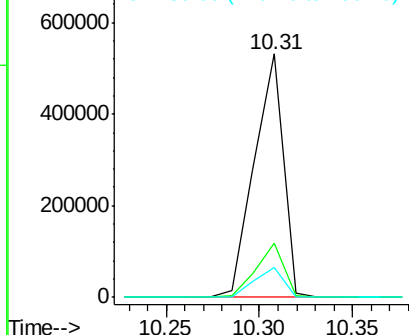
#59
Diethylphthalate
Concen: 41.76 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Instrument :
BNA_F
ClientSampleId :
ICVBF060716

Tot Ion:149 Resp: 570697
Ion Ratio Lower Upper
149 100
177 22.5 16.9 25.3
150 12.2 10.1 15.1

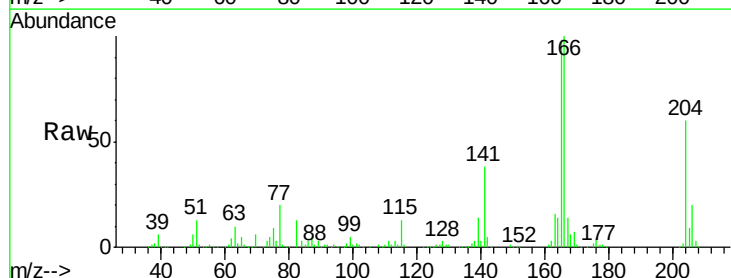


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

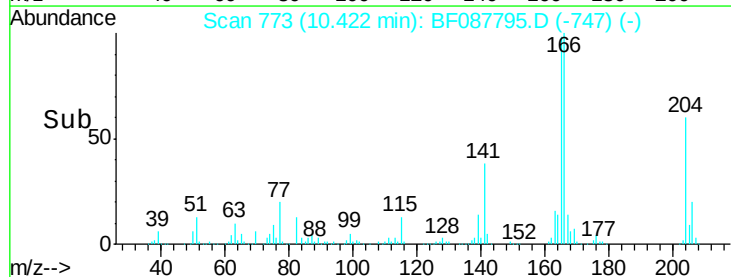
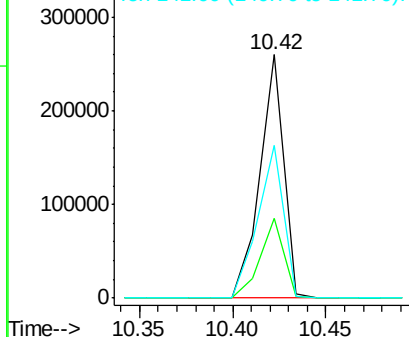


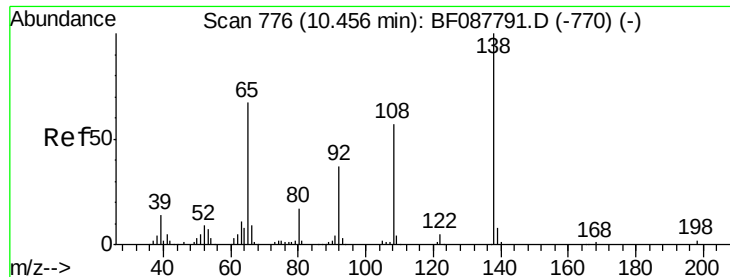
#60
4-Chlorophenyl-phenylether
Concen: 41.56 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Tgt Ion:204 Resp: 227799
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 62.7 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

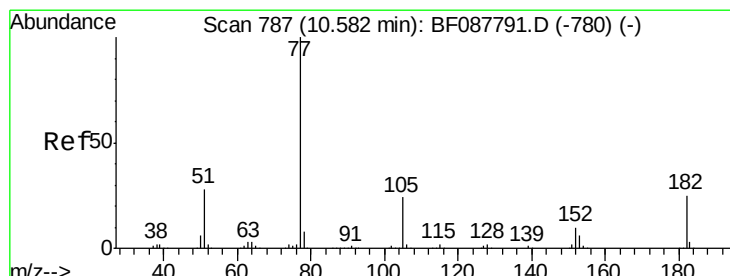
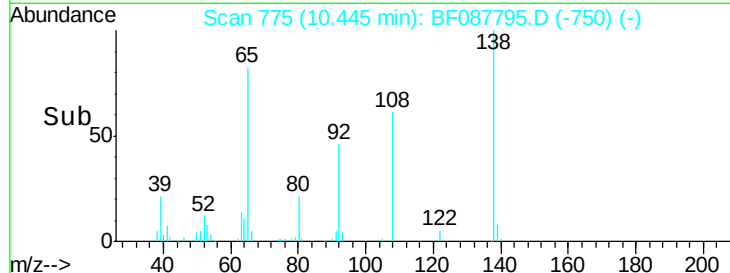
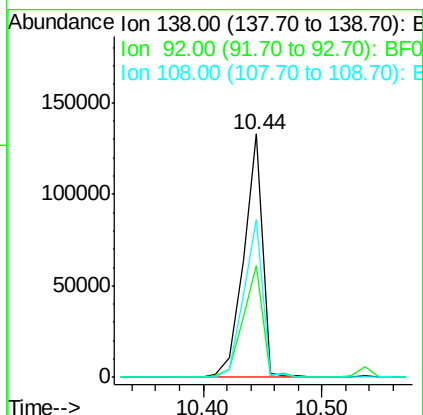
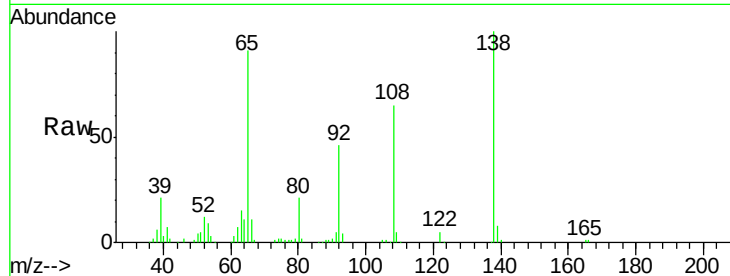




#61
4-Nitroaniline
Concen: 43.47 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

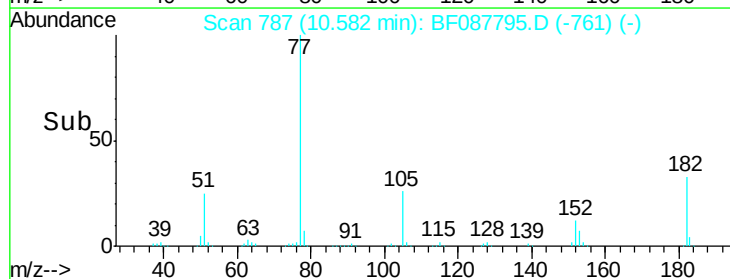
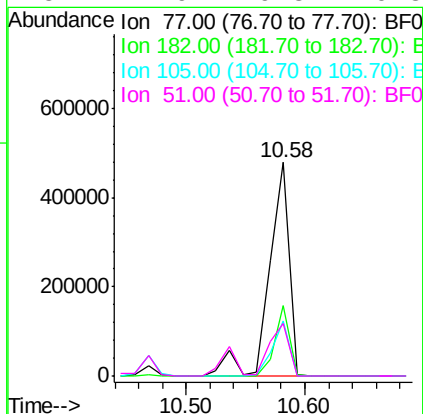
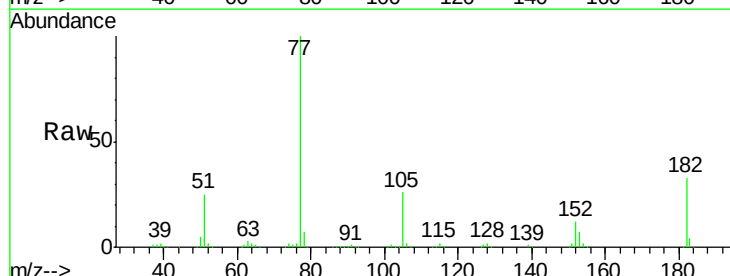
Instrument :
BNA_F
ClientSampleId :
ICVBF060716

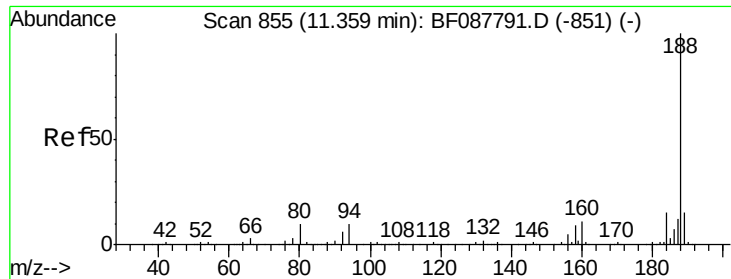
Tot Ion:138 Resp: 147143
Ion Ratio Lower Upper
138 100
92 45.7 27.3 67.3
108 64.9 46.7 86.7



#62
Azobenzene
Concen: 41.78 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Tgt Ion: 77 Resp: 564703
Ion Ratio Lower Upper
77 100
182 33.0 4.4 44.4
105 25.8 3.8 43.8
51 24.9 9.3 49.3

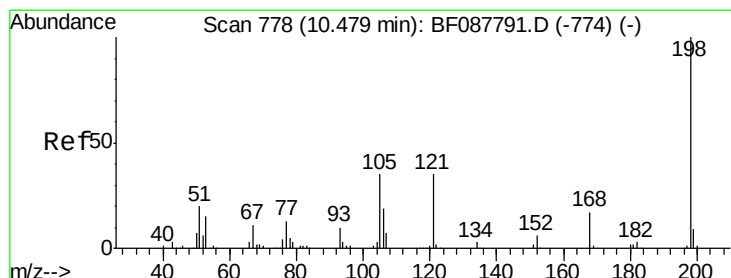
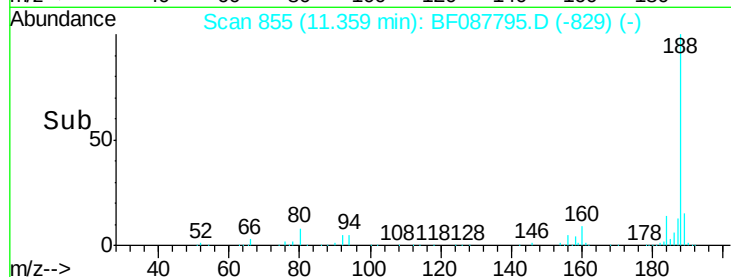
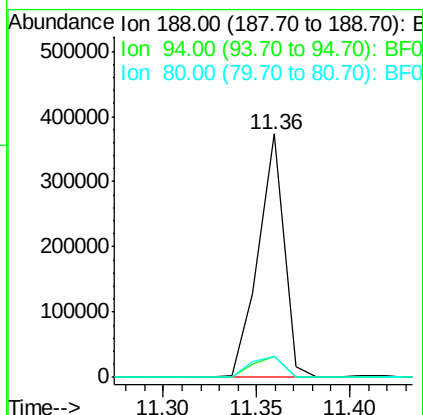
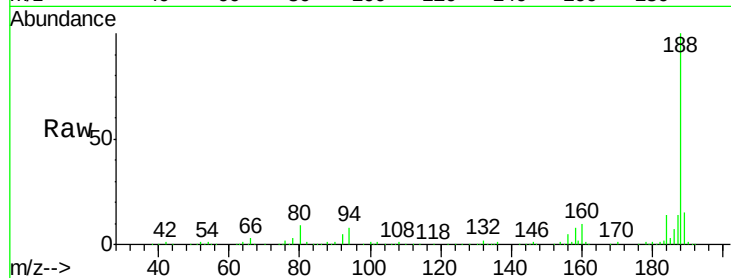




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

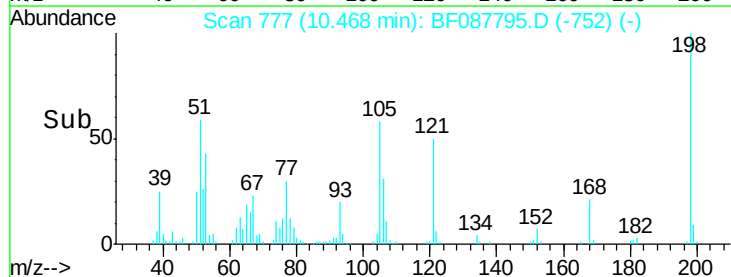
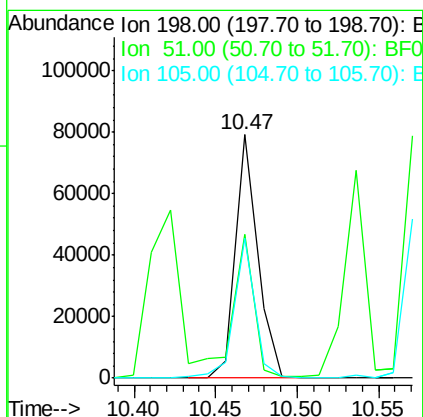
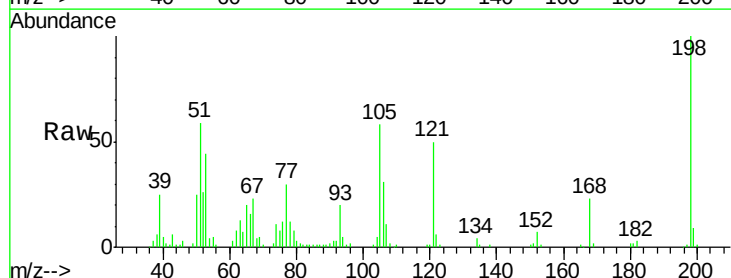
Instrument :
BNA_F
ClientSampleId :
ICVBF060716

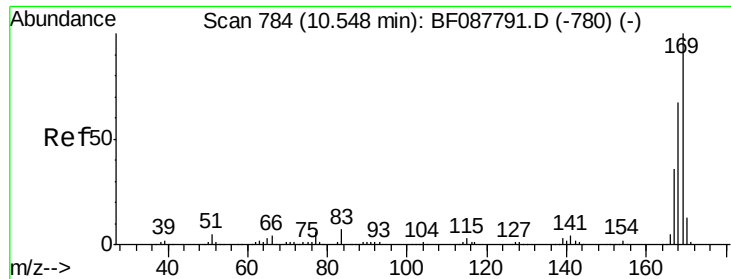
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.6#
80	8.5	10.0	15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.12 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Tgt Ion	Ratio	Lower	Upper
198	100		
51	58.9	39.6	79.6
105	57.7	36.6	76.6

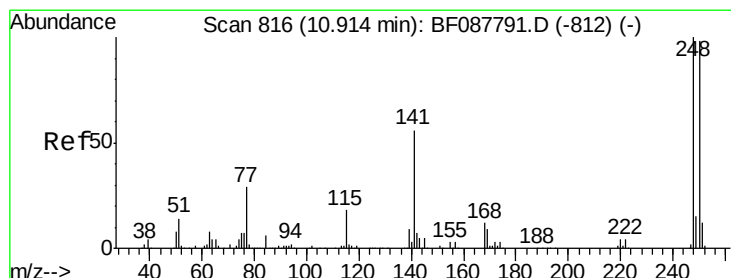
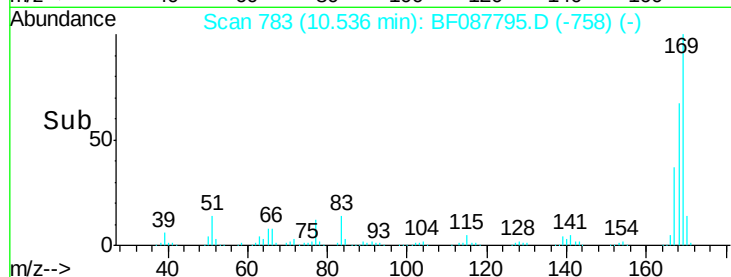
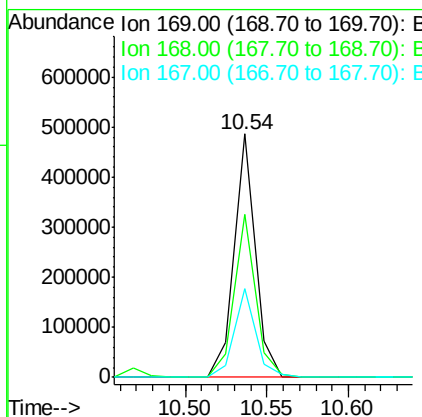
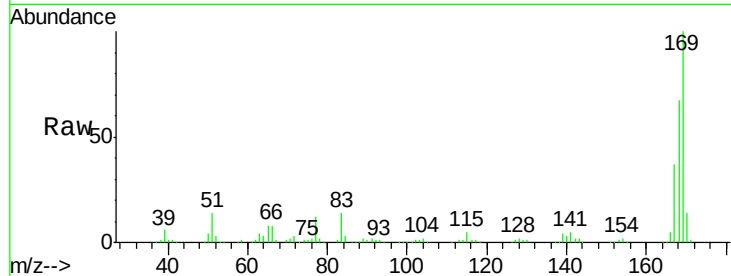




#65
 n-Nitrosodiphenylamine
 Concen: 36.58 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

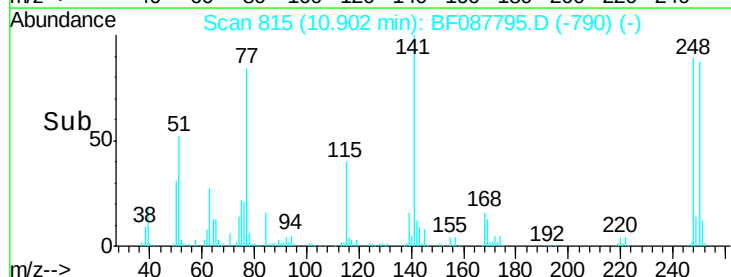
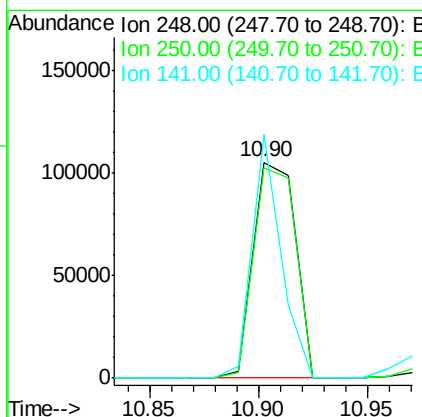
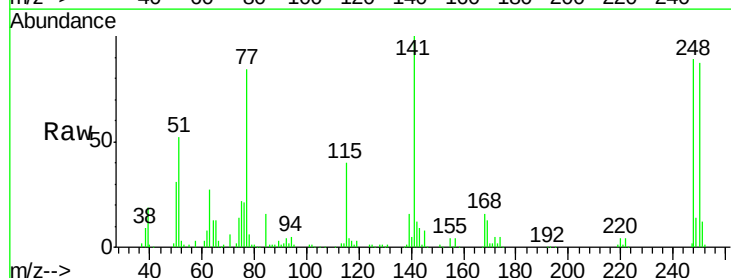
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

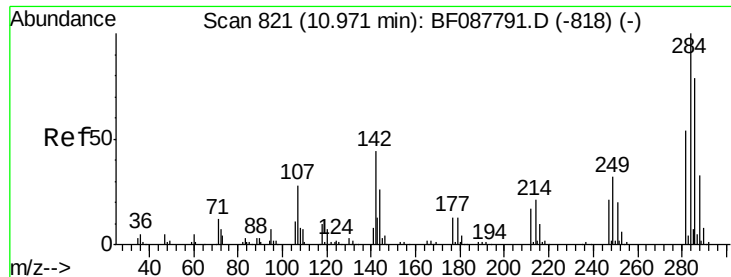
Tot Ion:169 Resp: 432546
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.4 80.0
 167 36.6 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 37.15 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Tgt Ion:248 Resp: 141996
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.1 115.7
 141 113.0 50.6 76.0#

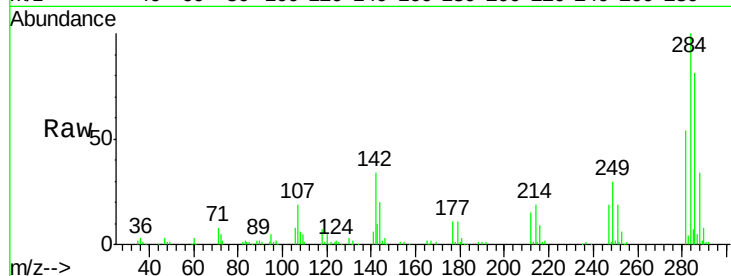




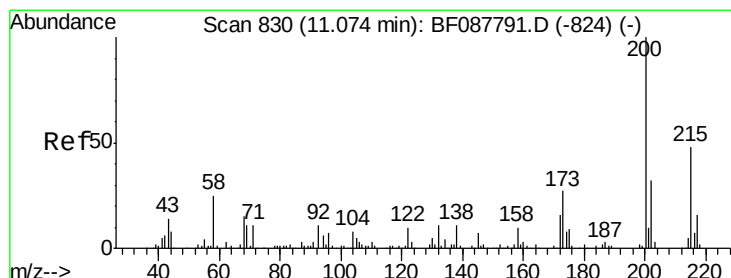
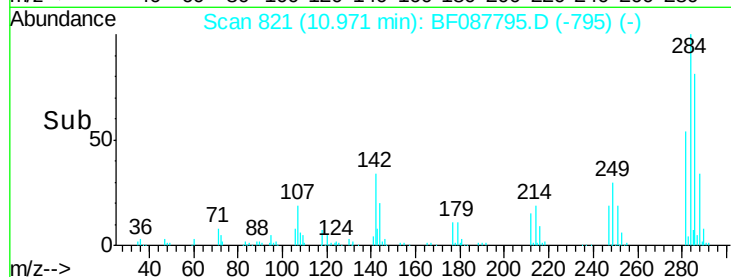
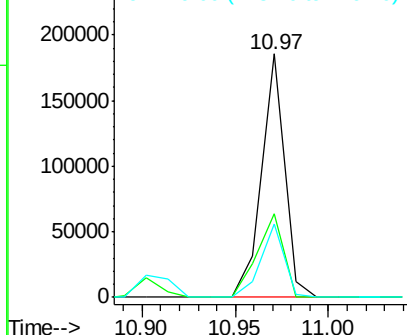
#67
Hexachlorobenzene
Concen: 39.73 ng
RT: 10.97 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Instrument :
BNA_F
ClientSampleId :
ICVBF060716

Tot Ion:284 Resp: 157786
Ion Ratio Lower Upper
284 100
142 34.3 35.8 53.8#
249 30.2 25.8 38.6

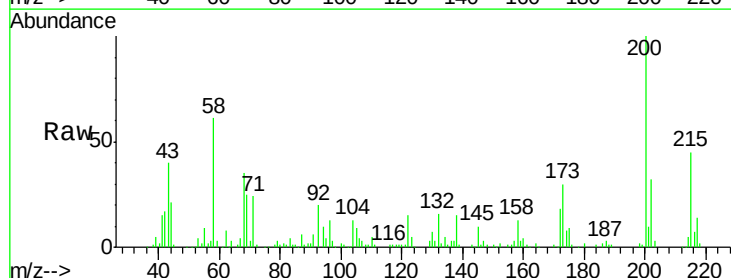


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

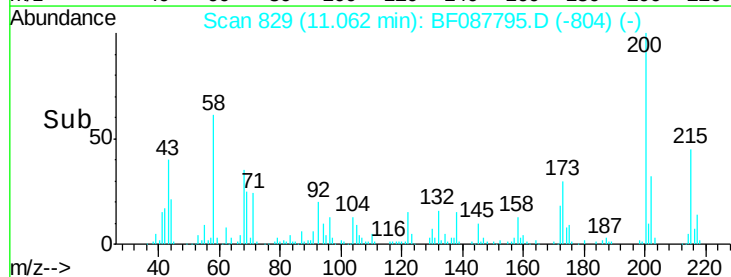
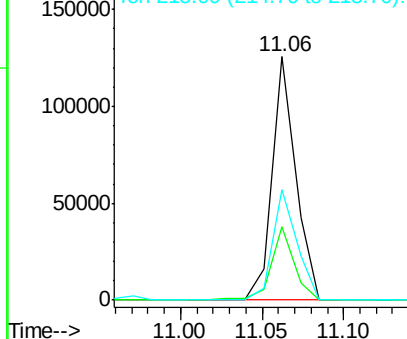


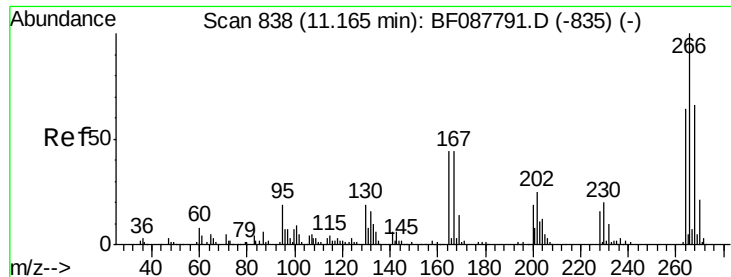
#68
Atrazine
Concen: 35.41 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Tgt Ion:200 Resp: 126792
Ion Ratio Lower Upper
200 100
173 29.9 4.0 44.0
215 45.2 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

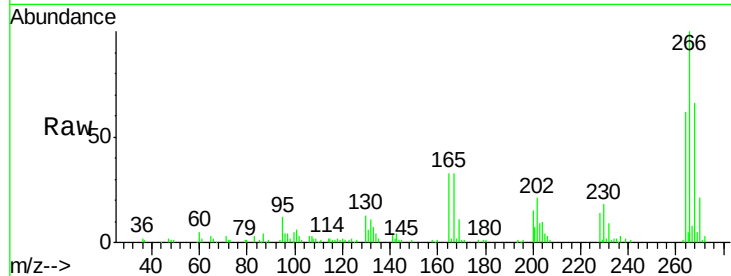




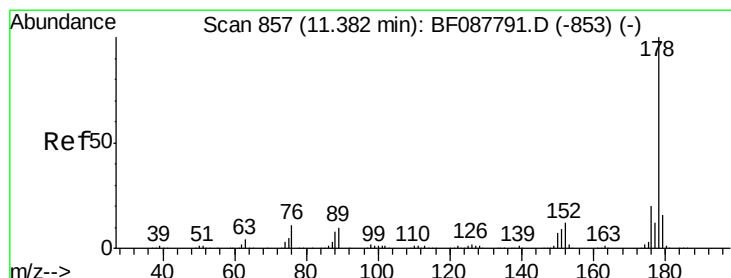
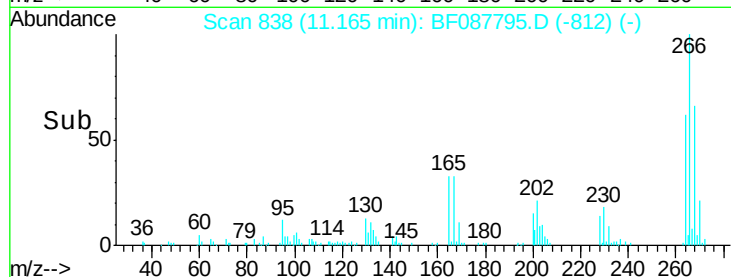
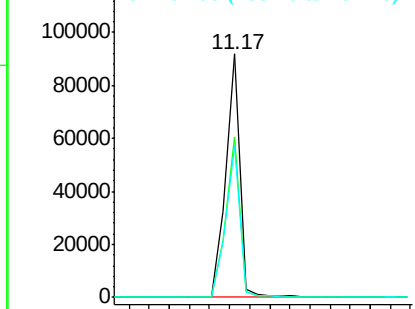
#69
 Pentachlorophenol
 Concen: 43.04 ng
 RT: 11.17 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

Tot Ion:266 Resp: 90104
 Ion Ratio Lower Upper
 266 100
 268 65.7 52.8 79.2
 264 62.1 49.6 74.4

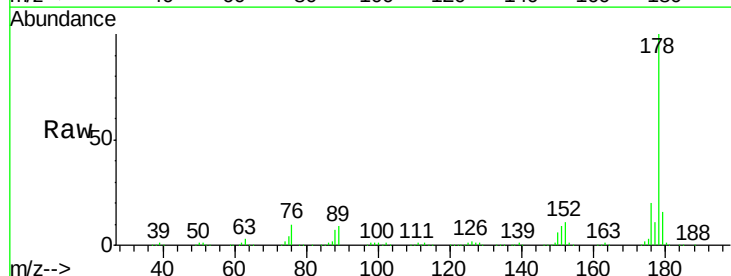


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

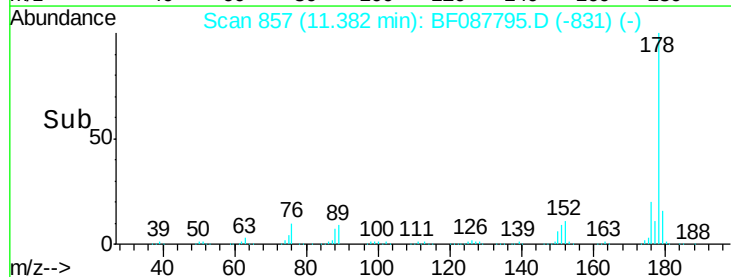
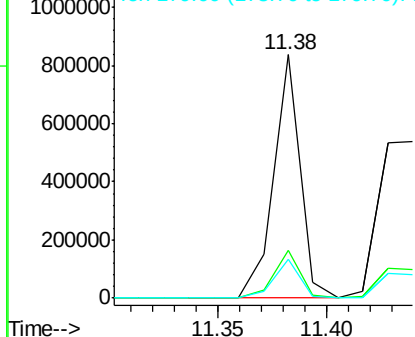


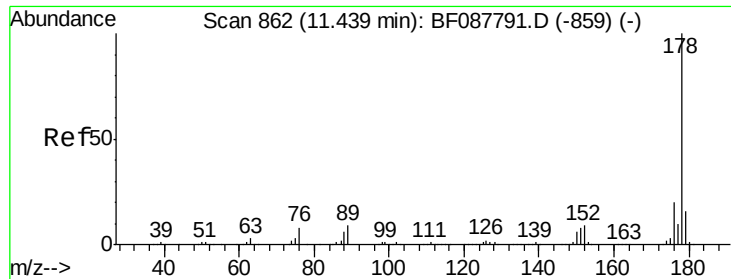
#70
 Phenanthrene
 Concen: 38.35 ng
 RT: 11.38 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Tgt Ion:178 Resp: 717022
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 16.0 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

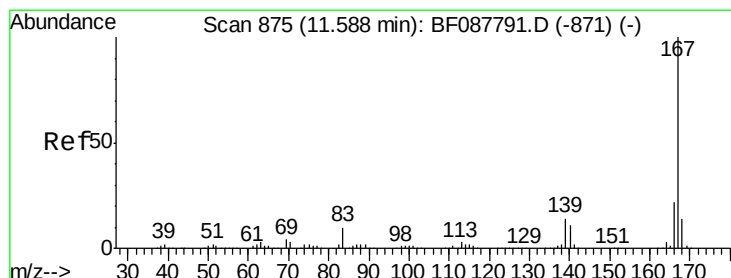
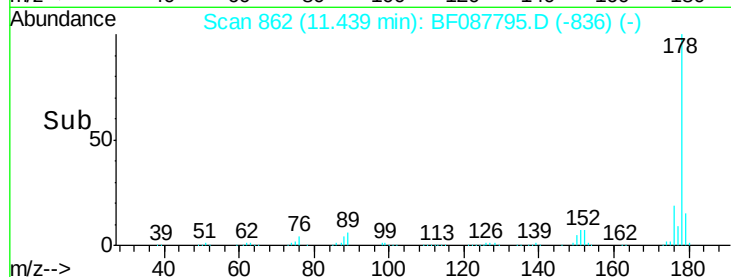
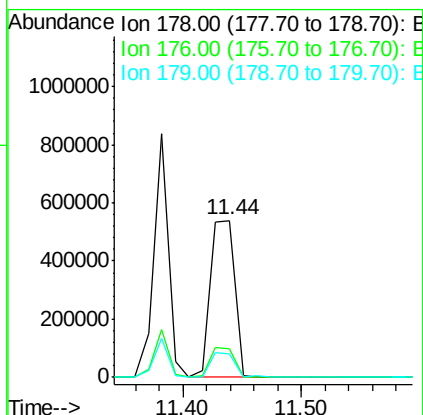
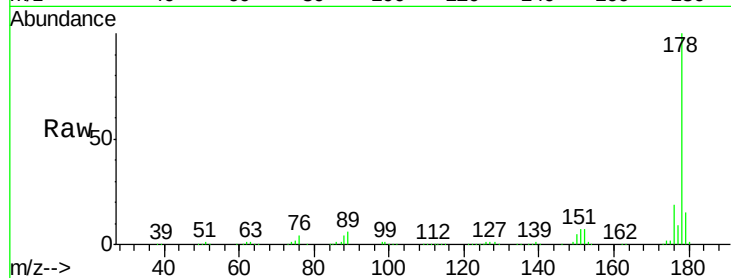




#71
 Anthracene
 Concen: 40.22 ng
 RT: 11.44 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

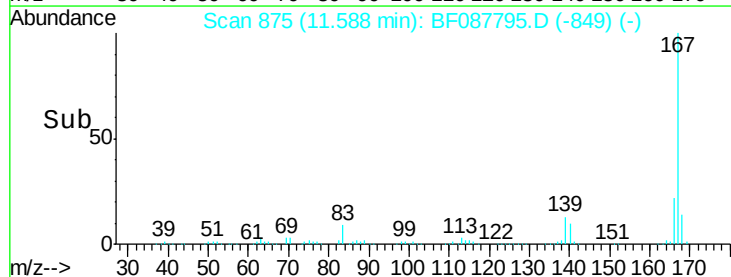
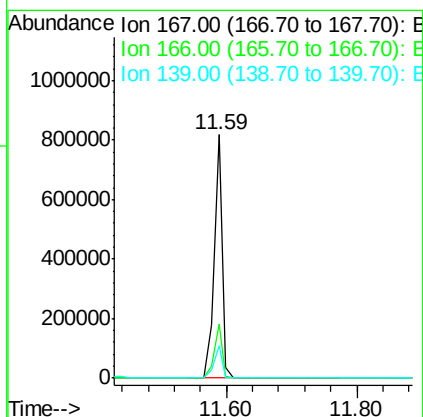
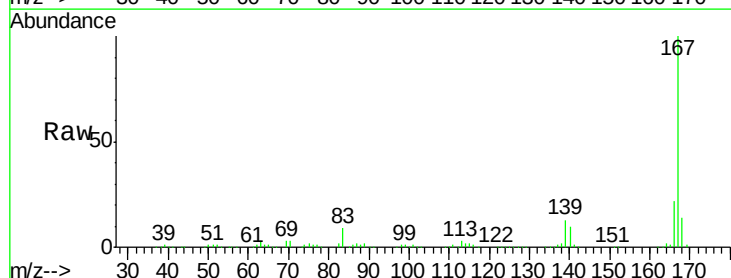
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

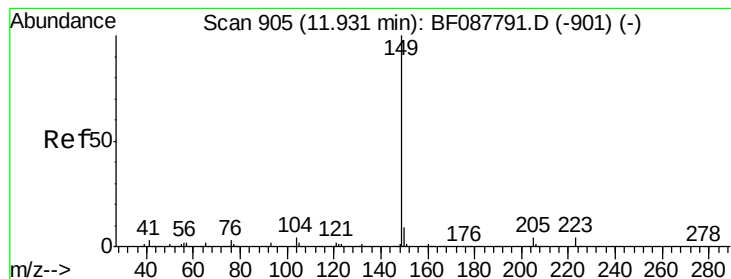
Tot Ion:178 Resp: 758507
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.6 23.4
 179 15.0 12.8 19.2



#72
 Carbazole
 Concen: 40.55 ng
 RT: 11.59 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Tgt Ion:167 Resp: 715659
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 13.5 11.2 16.8





#73

Di-n-butylphthalate

Concen: 35.48 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

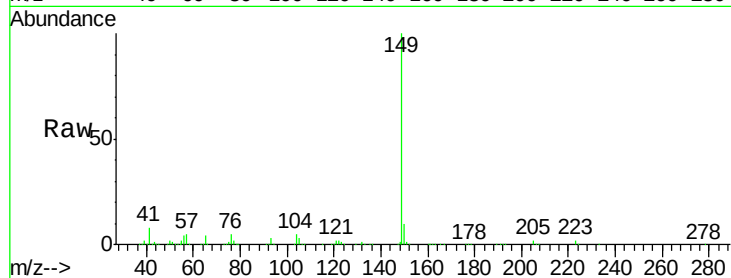
Tot Ion:149 Resp: 792684

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

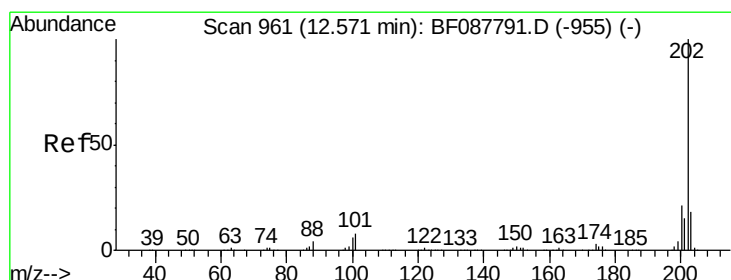
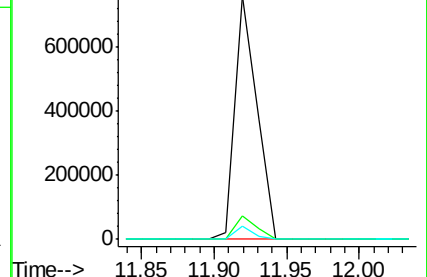
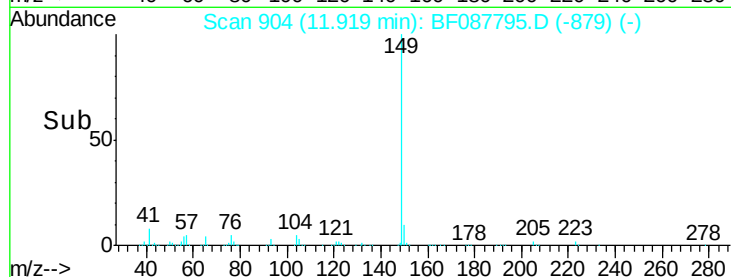
104 5.3 4.0 6.0



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: 36.36 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

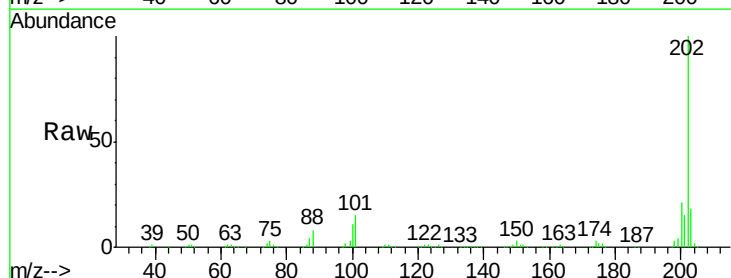
Tgt Ion:202 Resp: 717351

Ion Ratio Lower Upper

202 100

101 15.4 0.0 33.1

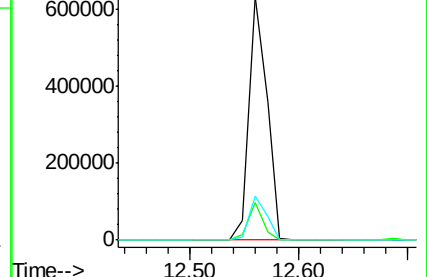
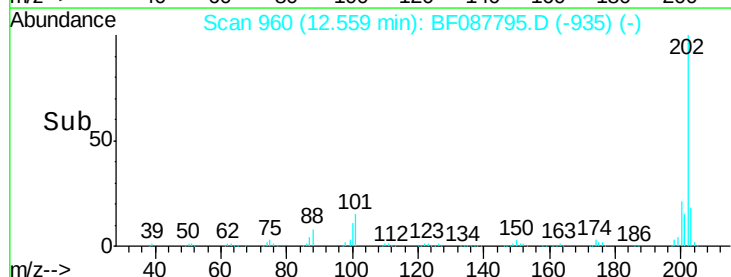
203 18.1 0.0 38.1

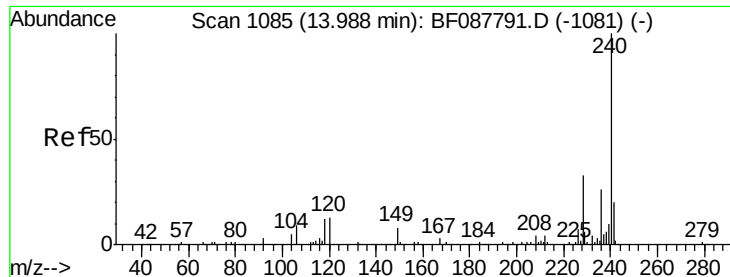


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

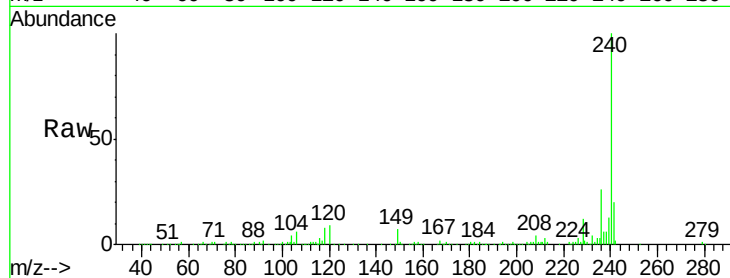
Tot Ion:240 Resp: 270355

Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

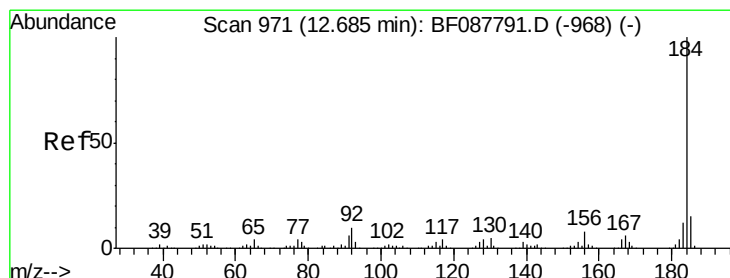
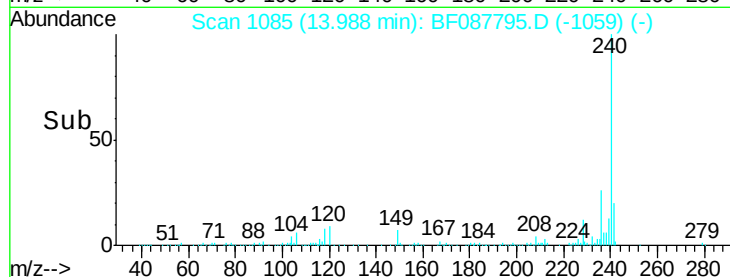
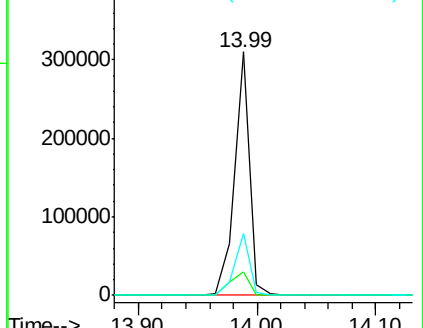
236 25.5 20.2 30.2



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: 43.66 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

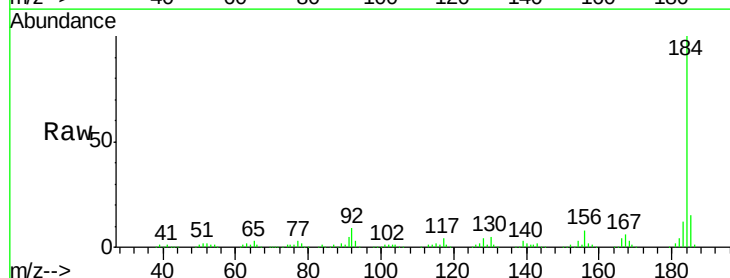
Tgt Ion:184 Resp: 326824

Ion Ratio Lower Upper

184 100

185 15.3 12.5 18.7

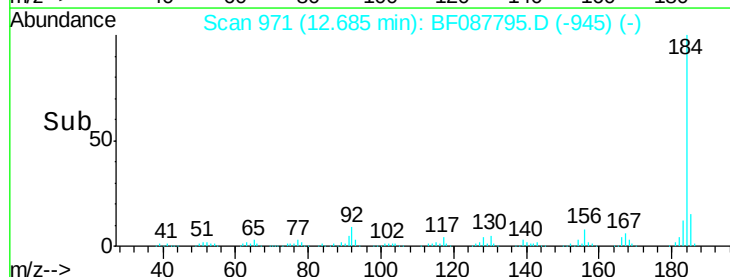
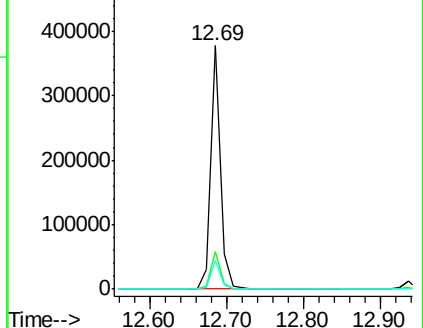
183 11.8 9.3 13.9

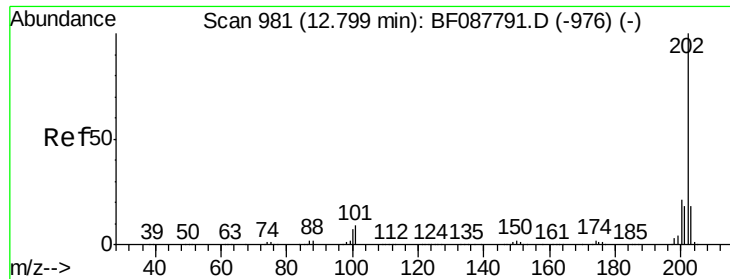


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

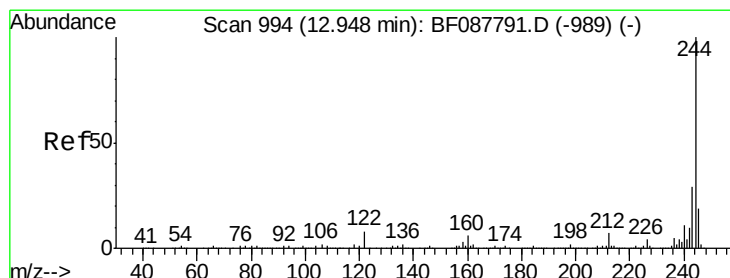
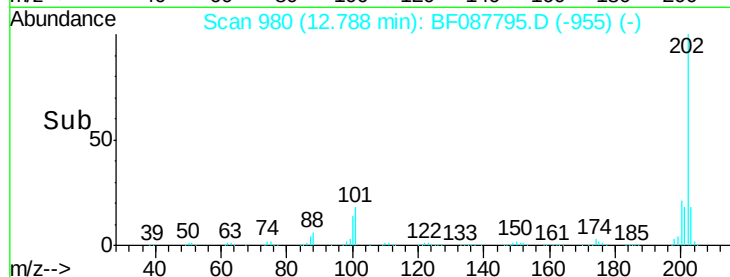
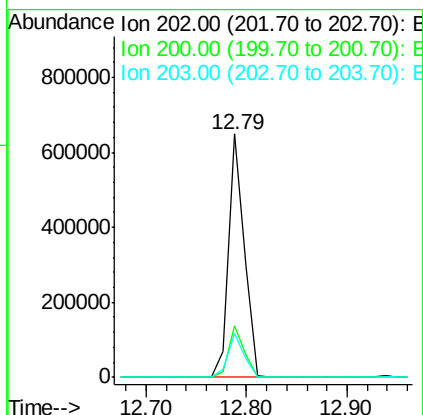
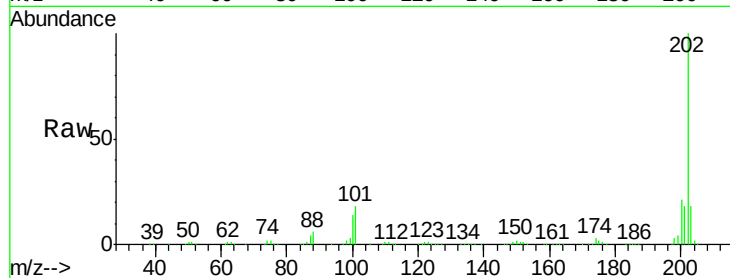




#77
Pvrene
Concen: 34.87 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

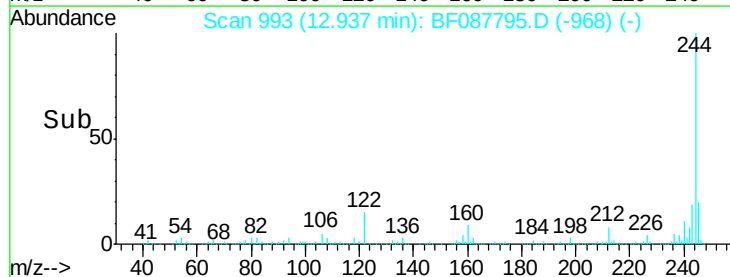
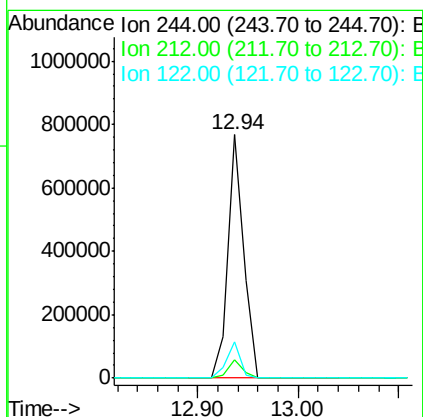
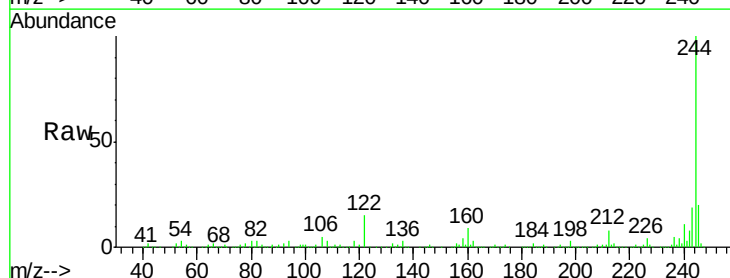
Instrument :
BNA_F
ClientSampleId :
ICVBF060716

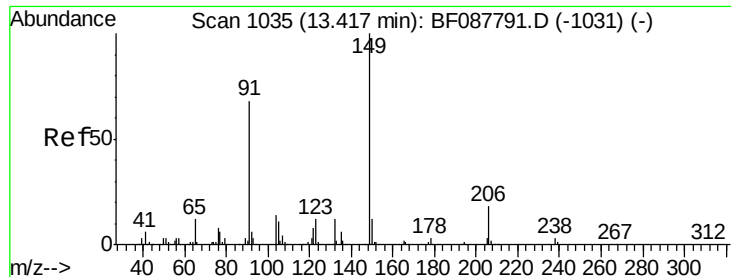
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.2	14.5	21.7



#78
Terphenyl-d14
Concen: 35.04 ng
RT: 12.94 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	15.0	11.2	16.8

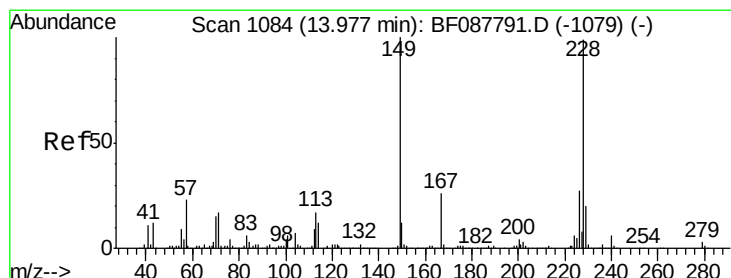
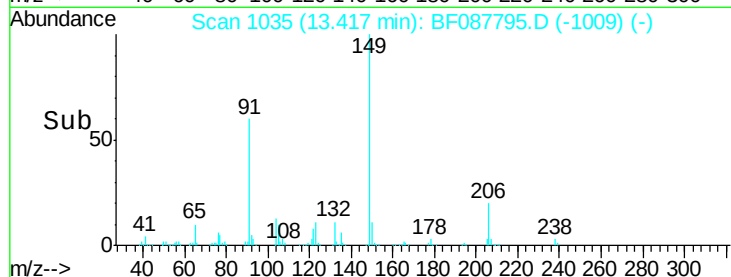
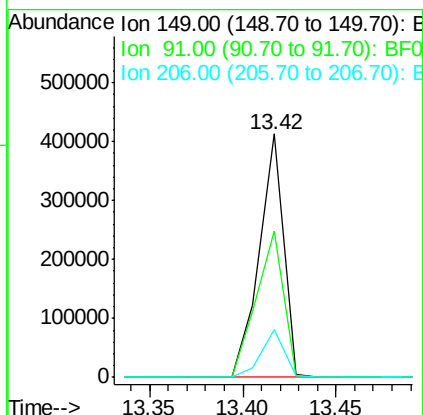
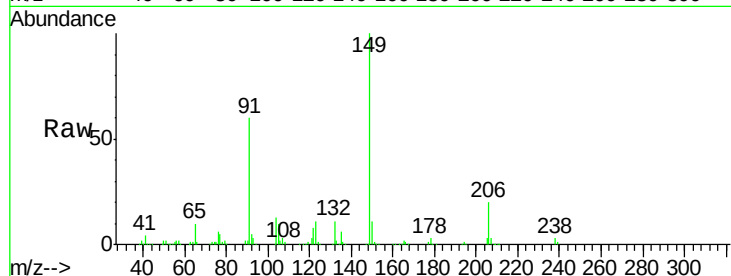




#79
Butylbenzylphthalate
Concen: 41.86 ng
RT: 13.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

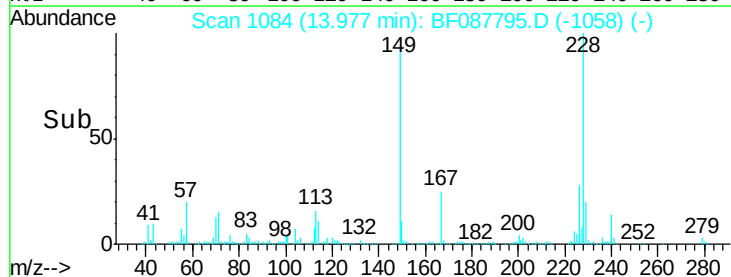
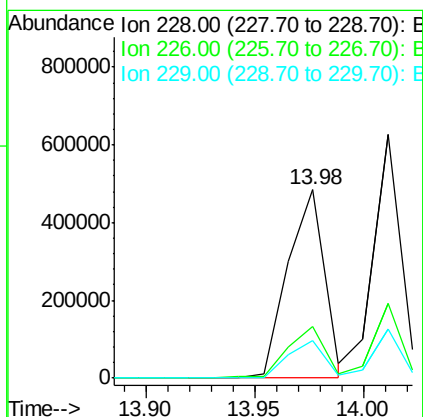
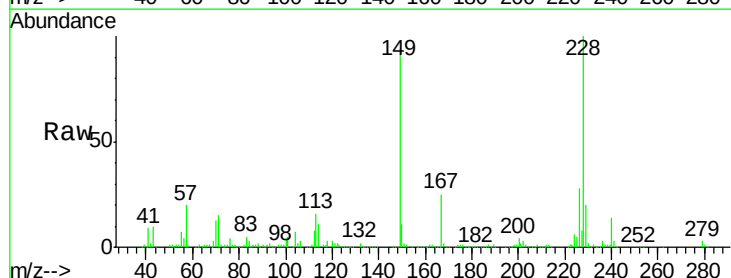
Instrument :
BNA_F
ClientSampleId :
ICVBF060716

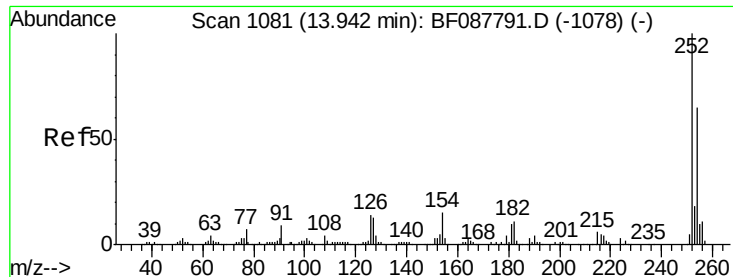
Tot Ion:149 Resp: 371259
Ion Ratio Lower Upper
149 100
91 60.2 48.0 72.0
206 19.6 16.0 24.0



#80
Benzo(a)anthracene
Concen: 37.17 ng
RT: 13.98 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Tgt Ion:228 Resp: 572691
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.9 16.0 24.0

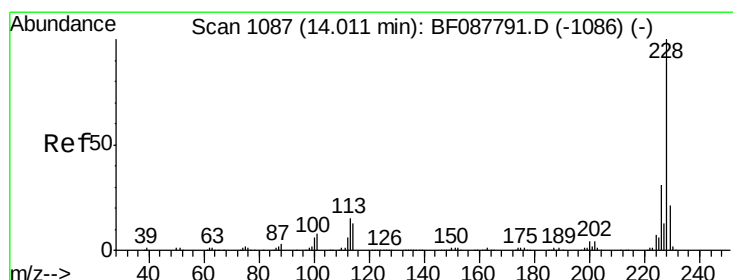
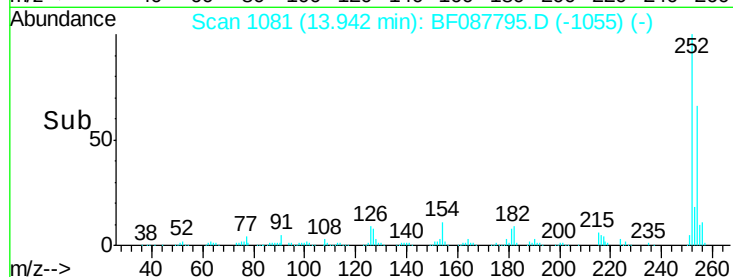
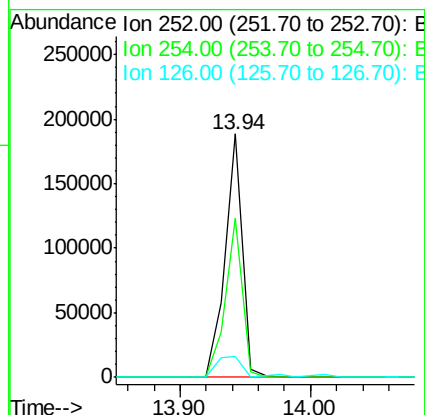
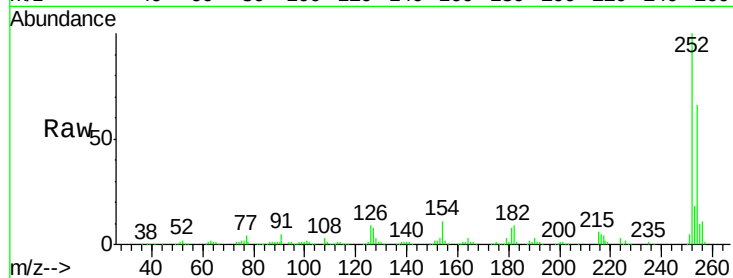




#81
 3,3'-Dichlorobenzidine
 Concen: 42.18 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

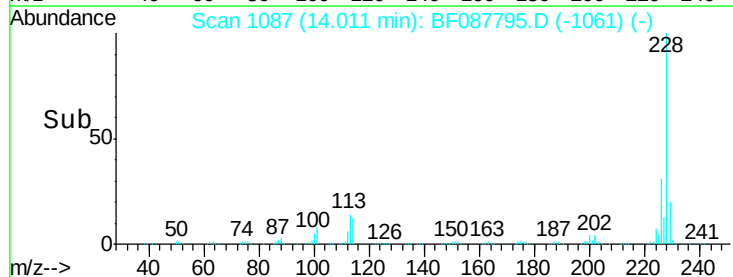
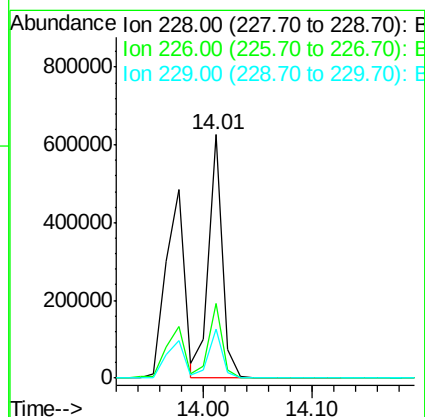
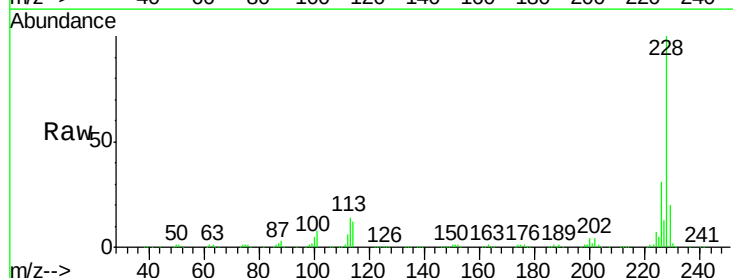
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

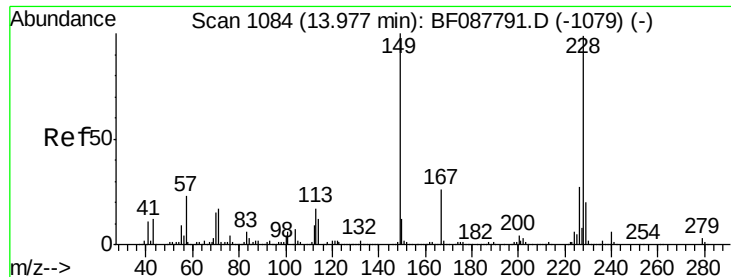
Tot Ion:252 Resp: 174769
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.6 78.8
 126 8.8 6.2 9.2



#82
 Chrysene
 Concen: 38.37 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Tgt Ion:228 Resp: 556098
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.2
 229 20.1 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.31 ng

RT: 13.98 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

Instrument :

BNA_F

ClientSampleId :

ICVBF060716

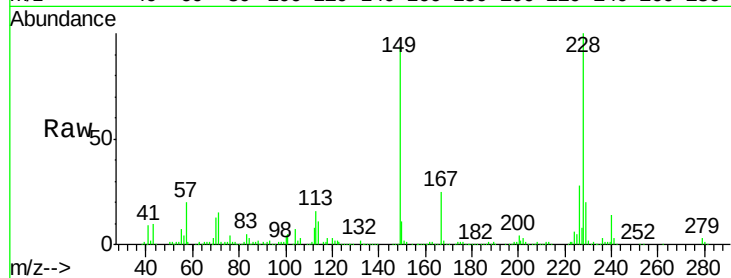
Tot Ion:149 Resp: 446007

Ion Ratio Lower Upper

149 100

167 26.3 20.5 30.7

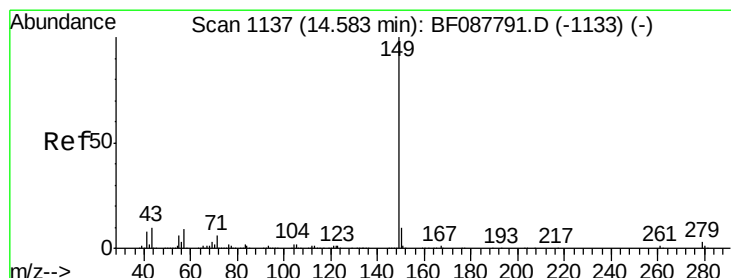
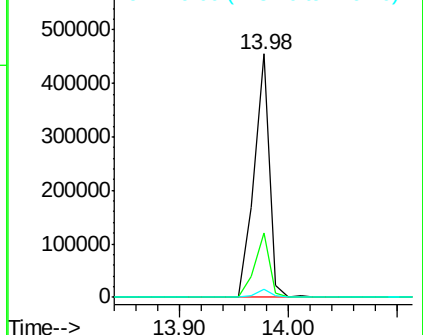
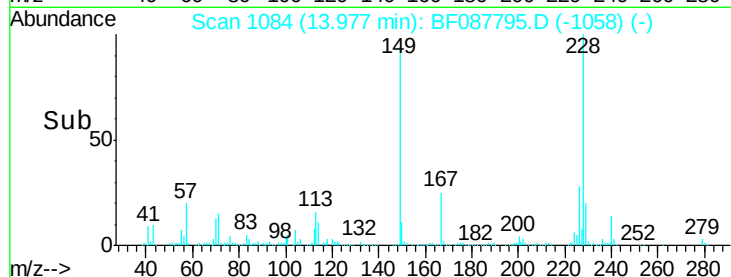
279 3.3 2.0 3.0#



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: 40.45 ng

RT: 14.58 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF087795.D

Acq: 7 Jun 2016 17:24

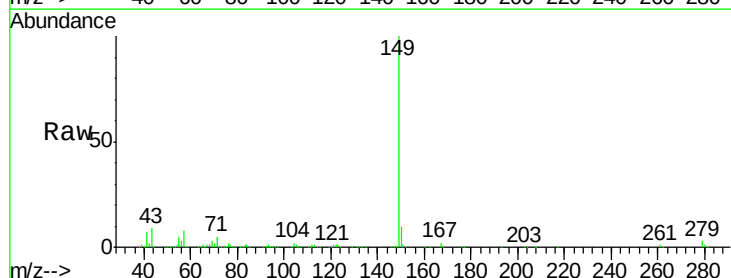
Tgt Ion:149 Resp: 709701

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

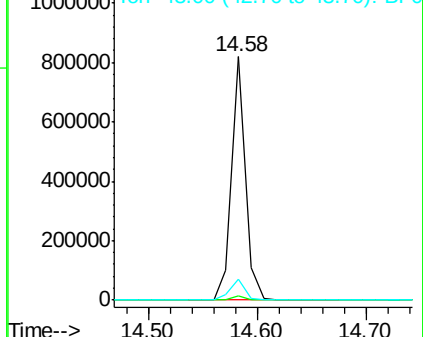
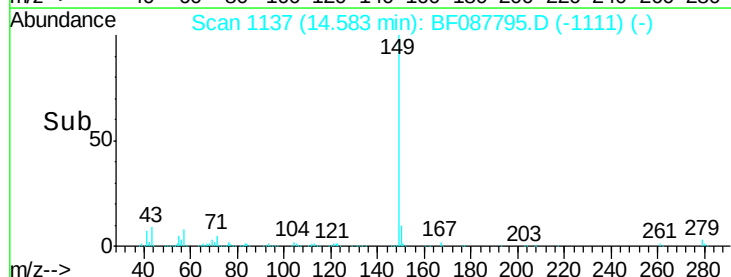
43 9.3 0.0 0.0#

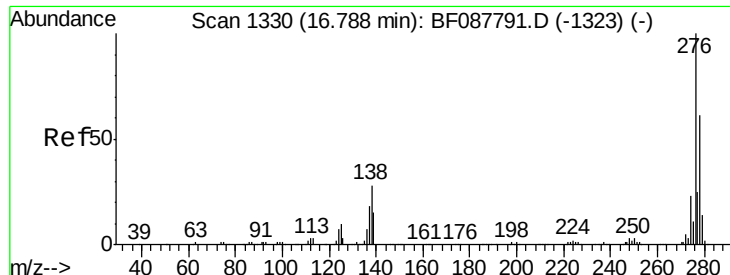


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

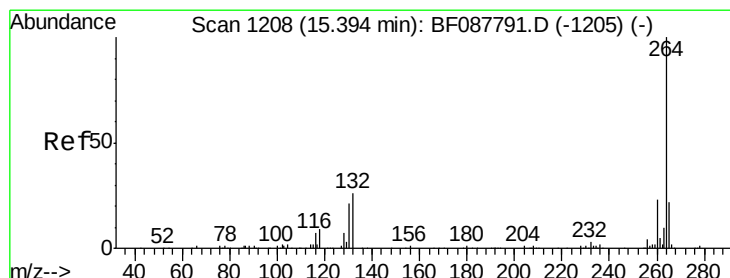
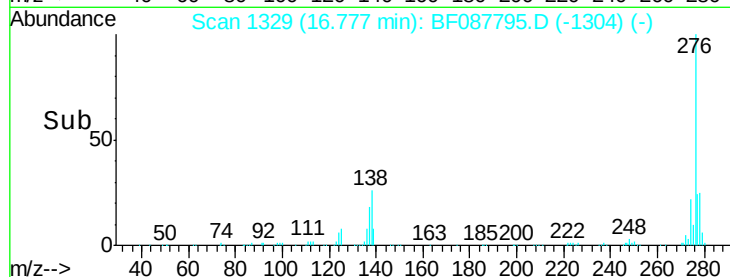
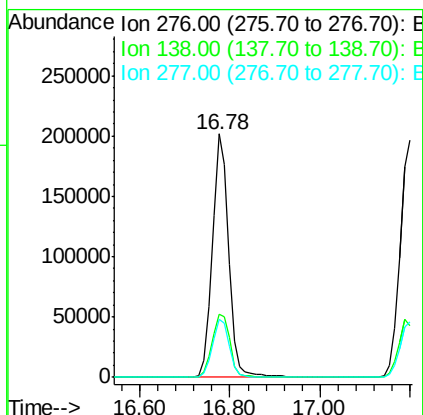
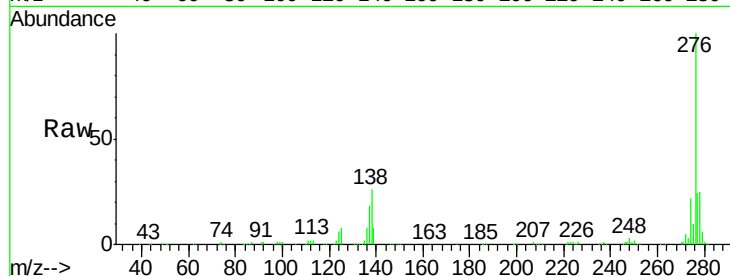




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.78 ng
 RT: 16.78 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

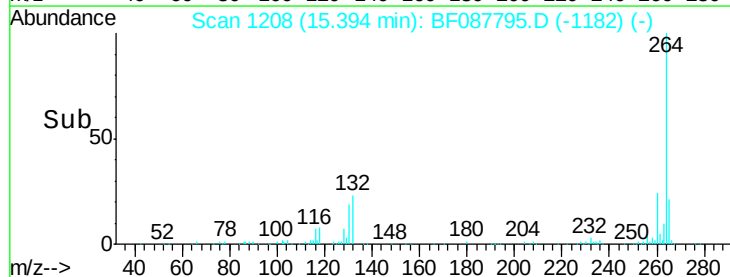
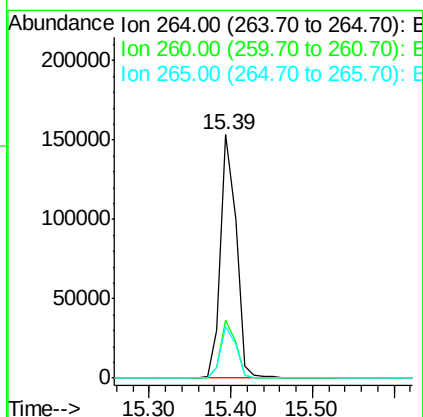
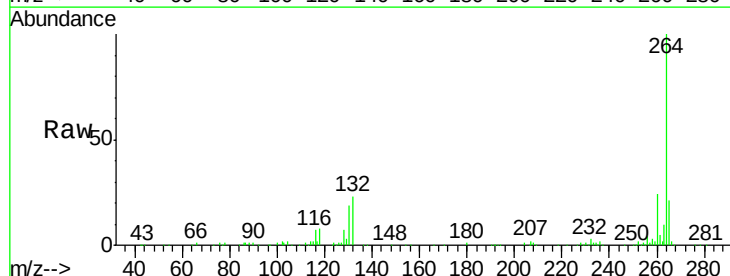
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

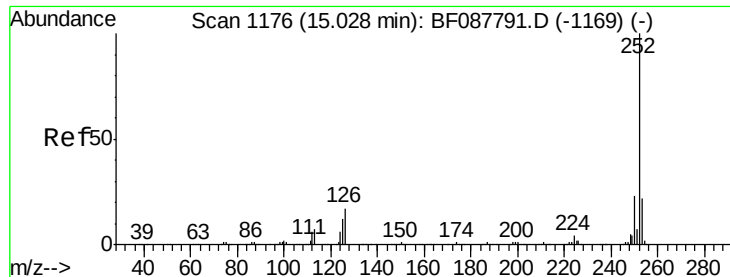
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	0.0	0.0#
277	24.9	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	16.9	25.3

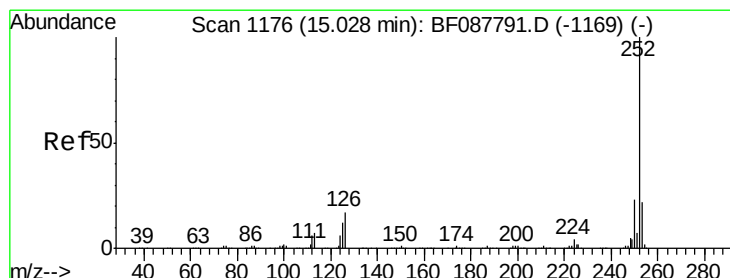
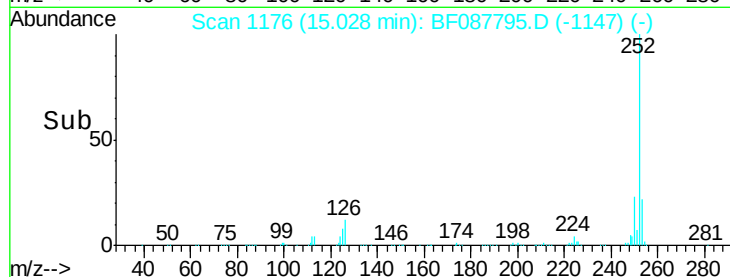
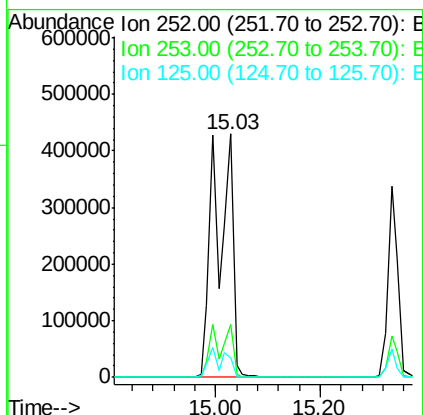
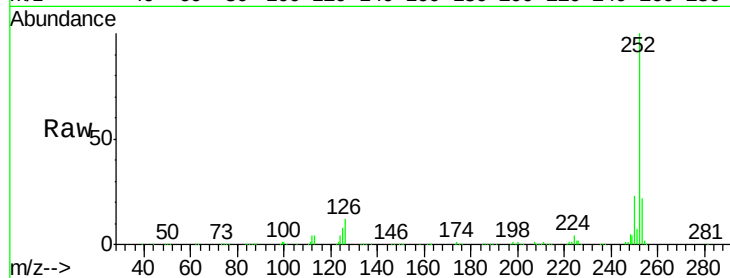




#87
Benzo(b)fluoranthene
Concen: 70.65 ng
RT: 15.03 min Scan# 1176
Delta R.T. 0.03 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

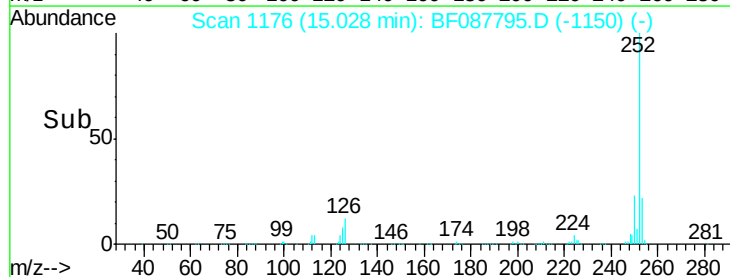
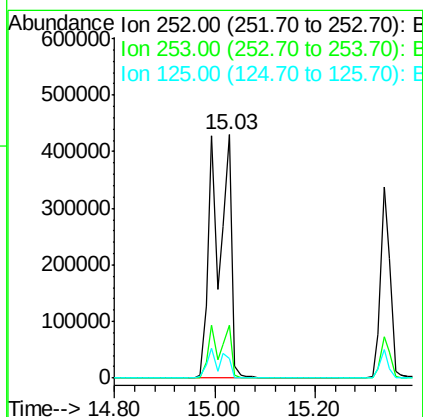
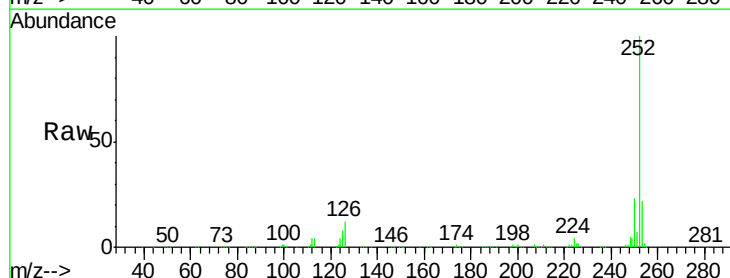
Instrument :
BNA_F
ClientSampleId :
ICVBF060716

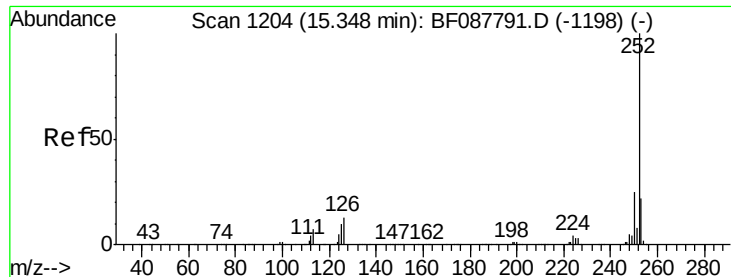
Tot Ion:252 Resp: 1000871
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.1 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 93.65 ng
RT: 15.03 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Tgt Ion:252 Resp: 1000826
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 8.1 11.2 16.8#

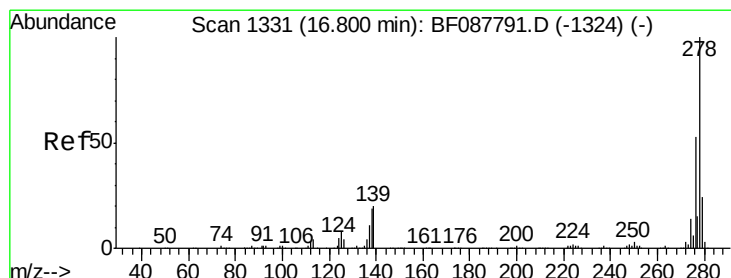
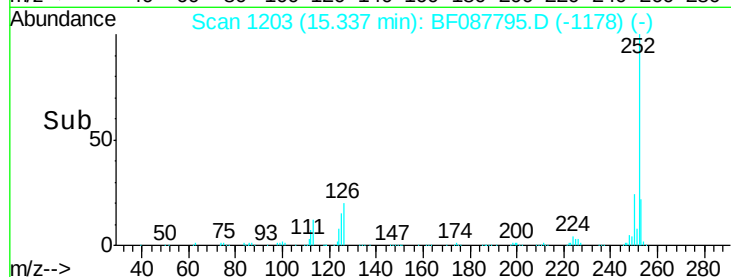
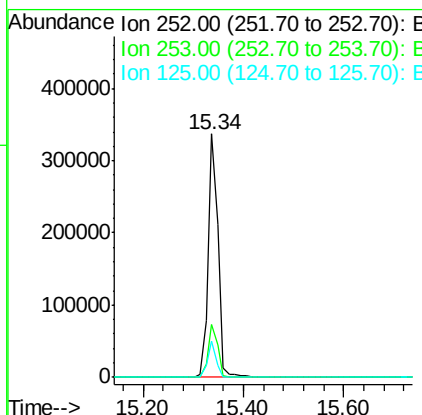
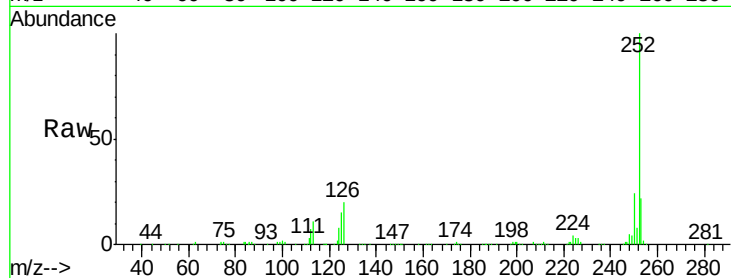




#89
Benzo(a)pyrene
Concen: 39.81 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

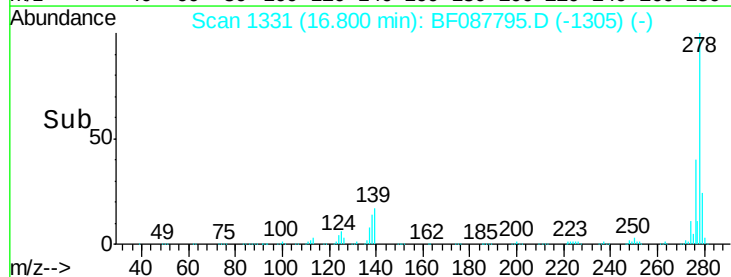
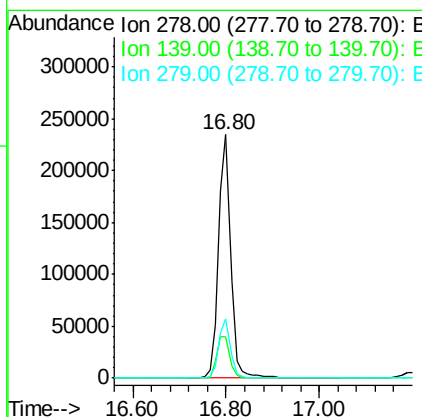
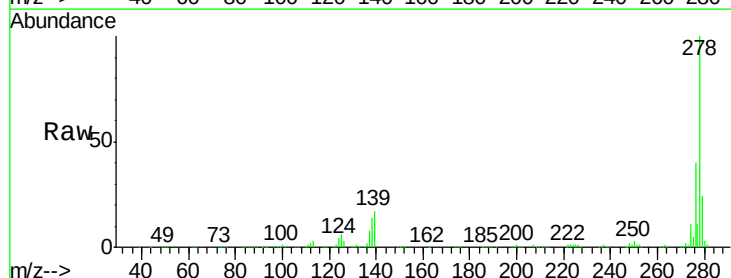
Instrument :
BNA_F
ClientSampleId :
ICVBF060716

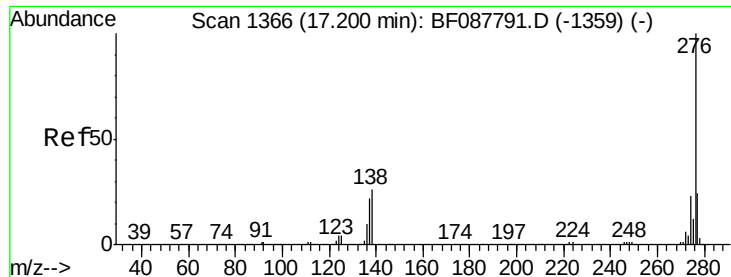
Tot Ion:252 Resp: 456250
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 14.9 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 39.58 ng
RT: 16.80 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF087795.D
Acq: 7 Jun 2016 17:24

Tgt Ion:278 Resp: 421354
Ion Ratio Lower Upper
278 100
139 17.2 15.7 23.5
279 24.1 19.4 29.2





#91
 Benzo(a,h,i)perylene
 Concen: 39.52 ng
 RT: 17.20 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF087795.D
 Acq: 7 Jun 2016 17:24

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060716

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	21.9	21.4	32.2

