

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088301.D
 Acq On : 23 Jun 2016 21:13
 Operator : UM/SJ
 Sample : H3607-07MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 24 02:08:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	94715	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	392536	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	179472	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	317171	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	196838	20.00	ng	-0.01
86) Perylene-d12	15.10	264	186426	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	360335	65.04	ng	0.02
7) Phenol-d6	6.27	99	288371	42.95	ng	0.01
23) Nitrobenzene-d5	7.18	82	529273	78.74	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	203369	107.32	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	1013351	88.96	ng	0.00
78) Terphenyl-d14	12.68	244	747752	86.44	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.08	88	43984	16.34	ng	# 34
3) Pyridine	2.78	79	60501	9.52	ng	93
4) n-Nitrosodimethylamine	2.68	42	44806	16.64	ng	81
6) Aniline	6.26	93	148035	15.49	ng	95
8) 2-Chlorophenol	6.39	128	245980	37.51	ng	93
10) Phenol	6.28	94	133319	17.72	ng	75
11) bis(2-Chloroethyl)ether	6.34	93	279590	47.49	ng	87
12) 1,3-Dichlorobenzene	6.54	146	279821m	39.77	ng	
13) 1,4-Dichlorobenzene	6.62	146	287055	40.50	ng	97
14) 1,2-Dichlorobenzene	6.76	146	255914m	39.70	ng	
15) Benzyl Alcohol	6.76	79	147969	28.17	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	287451	36.14	ng	# 32
17) 2-Methylphenol	6.89	107	160072	30.10	ng	# 80
18) Hexachloroethane	7.10	117	97219	38.65	ng	# 83
19) n-Nitroso-di-n-propylamine	7.03	70	189966	44.23	ng	90
20) 3+4-Methylphenols	7.05	107	193326	31.16	ng	# 78
22) Acetophenone	7.02	105	383552	43.72	ng	# 96
24) Nitrobenzene	7.20	77	288689	44.34	ng	95
25) Isophorone	7.44	82	527249	42.34	ng	95
26) 2-Nitrophenol	7.51	139	149952	42.99	ng	92
27) 2,4-Dimethylphenol	7.56	122	222454	34.64	ng	91
28) bis(2-Chloroethoxy)methane	7.66	93	342525	44.35	ng	98
29) 2,4-Dichlorophenol	7.77	162	224524	41.87	ng	93
30) 1,2,4-Trichlorobenzene	7.83	180	234714	40.20	ng	99
31) Naphthalene	7.91	128	825178	42.48	ng	99
32) Benzoic acid	7.70	122	42991	12.16	ng	94
33) 4-Chloroaniline	7.98	127	160317	18.48	ng	# 93
34) Hexachlorobutadiene	8.02	225	117270	38.08	ng	98
35) Caprolactam	8.38	113	12895	7.26	ng	# 75
36) 4-Chloro-3-methylphenol	8.47	107	221259	38.58	ng	94
37) 2-Methylnaphthalene	8.59	142	508369	39.71	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	220829	48.59	ng	# 1
40) Hexachlorocyclopentadiene	8.75	237	84722	29.27	ng	95
42) 2,4,6-Trichlorophenol	8.89	196	149556	41.67	ng	97

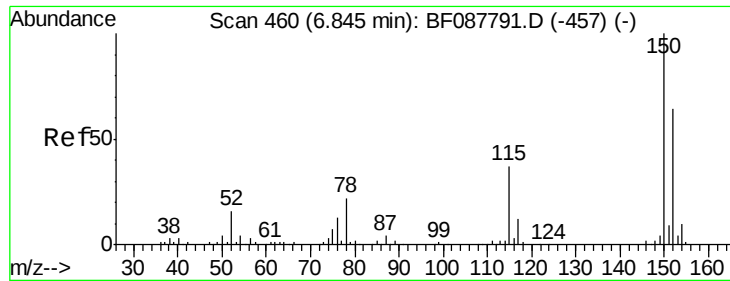
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.95	196	144534	38.71	ng	96
45) 1,1'-Biphenyl	9.06	154	594193	43.97	ng	98
46) 2-Chloronaphthalene	9.08	162	479838	41.32	ng	99
47) 2-Nitroaniline	9.20	65	141945	41.43	ng	# 83
48) Acenaphthylene	9.50	152	734265	39.75	ng	100
49) Dimethylphthalate	9.38	163	630690	48.51	ng	99
50) 2,6-Dinitrotoluene	9.44	165	125748	42.24	ng	# 60
51) Acenaphthene	9.67	154	454818	39.47	ng	99
52) 3-Nitroaniline	9.61	138	81763	23.80	ng	95
53) 2,4-Dinitrophenol	9.72	184	115644	72.63	ng	97
54) Dibenzofuran	9.84	168	622991	39.25	ng	# 88
55) 4-Nitrophenol	9.83	139	77300m	28.99	ng	
56) 2,4-Dinitrotoluene	9.85	165	176979	46.25	ng	92
57) Fluorene	10.18	166	511437	48.01	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	121115	41.27	ng	# 57
59) Diethylphthalate	10.07	149	554807	42.16	ng	98
60) 4-Chlorophenyl-phenylether	10.17	204	199879	37.87	ng	# 88
61) 4-Nitroaniline	10.23	138	120467	36.97	ng	96
62) Azobenzene	10.33	77	532124	40.89	ng	96
64) 4,6-Dinitro-2-methylphenol	10.26	198	86028	43.65	ng	# 63
65) n-Nitrosodiphenylamine	10.31	169	480985	45.70	ng	98
66) 4-Bromophenyl-phenylether	10.66	248	153452	45.10	ng	96
67) Hexachlorobenzene	10.72	284	150175	42.48	ng	93
68) Atrazine	10.83	200	112484	35.30	ng	91
69) Pentachlorophenol	10.94	266	133400	71.58	ng	98
70) Phenanthrene	11.13	178	734834	44.15	ng	99
71) Anthracene	11.19	178	737177	43.91	ng	100
72) Carbazole	11.35	167	700085	44.56	ng	99
73) Di-n-butylphthalate	11.68	149	825567	41.51	ng	100
74) Fluoranthene	12.32	202	750510	42.73	ng	95
77) Pyrene	12.54	202	702344	48.08	ng	99
79) Butylbenzylphthalate	13.16	149	331257	51.30	ng	88
80) Benzo(a)anthracene	13.73	228	485706	43.30	ng	99
81) 3,3'-Dichlorobenzidine	13.69	252	37211	12.34	ng	# 93
82) Chrysene	13.76	228	465301	44.09	ng	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	377235	47.99	ng	99
84) Di-n-octyl phthalate	14.33	149	644722	50.47	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.35	276	550627	56.16	ng	# 100
87) Benzo(b)fluoranthene	14.73	252	587682m	45.23	ng	
88) Benzo(k)fluoranthene	14.75	252	383630m	39.14	ng	
89) Benzo(a)pyrene	15.04	252	460654	43.82	ng	99
90) Dibenzo(a,h)anthracene	16.35	278	461276	47.24	ng	99
91) Benzo(g,h,i)perylene	16.72	276	497129	49.50	ng	98

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

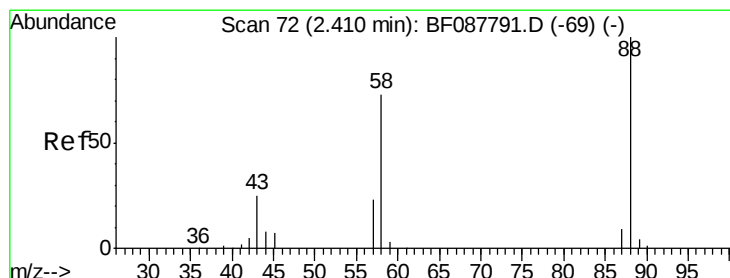
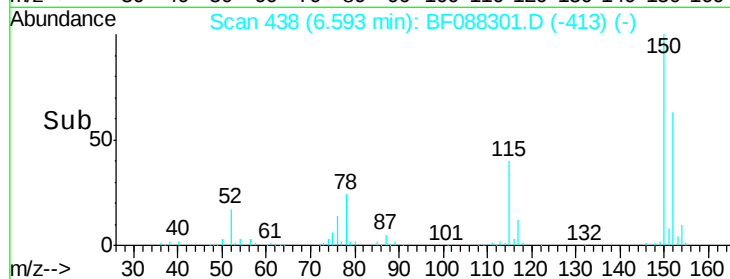
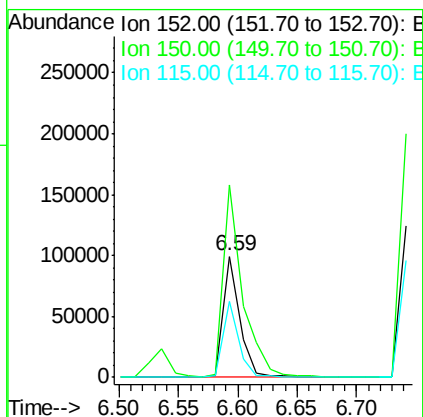
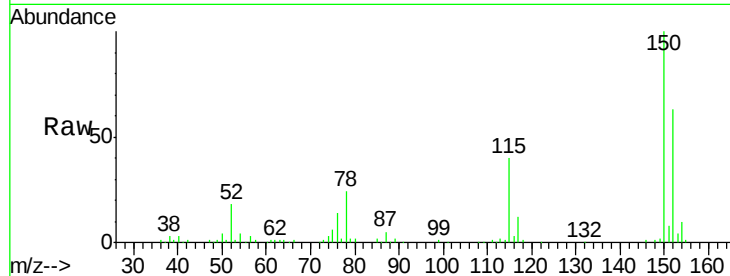


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Instrument :
BNA_F
ClientSampleId :

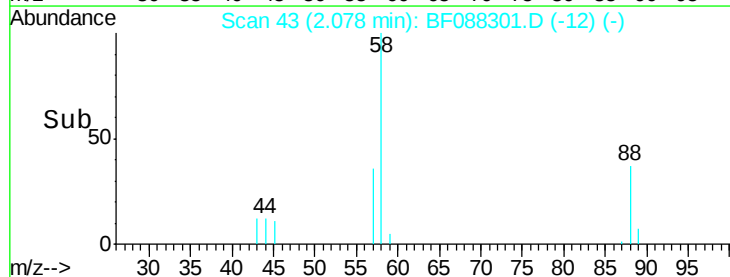
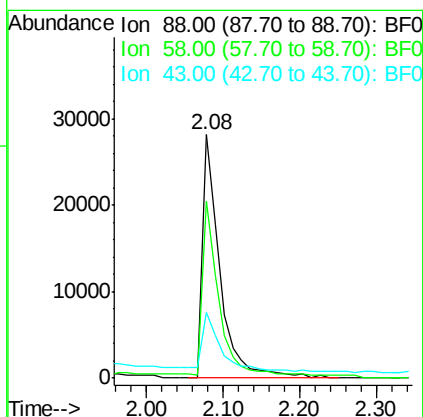
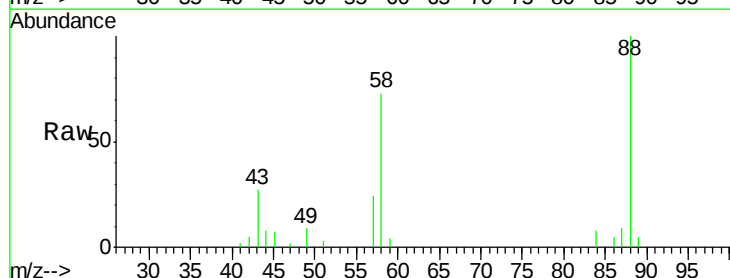
Tgt Ion:152 Resp: 94715
Ion Ratio Lower Upper
152 100
150 158.9 123.8 185.6
115 63.0 39.6 59.4#

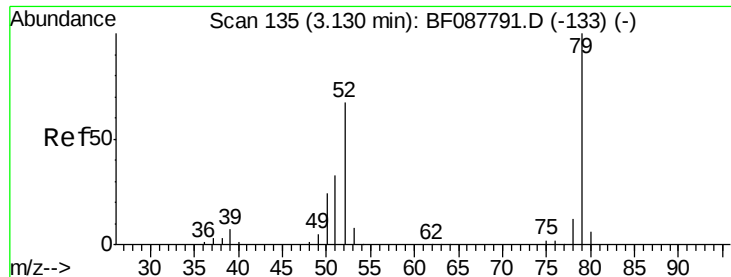


#2

1,4-Dioxane
Concen: 16.34 ng
RT: 2.08 min Scan# 43
Delta R.T. 0.06 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Tgt Ion: 88 Resp: 43984
Ion Ratio Lower Upper
88 100
58 65.5 0.0 0.0#
43 26.0 3.4 5.2#





#3

Pyridine

Concen: 9.52 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.10 min

Lab File: BF088301.D

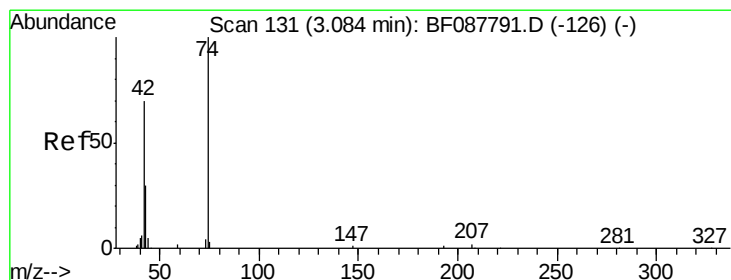
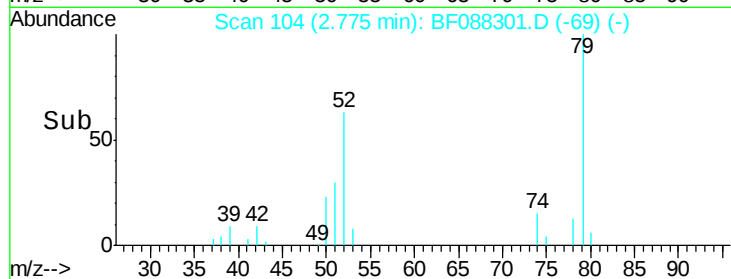
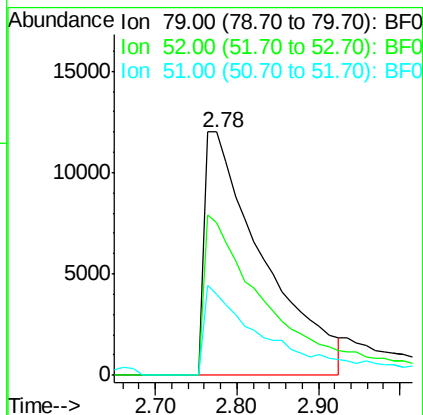
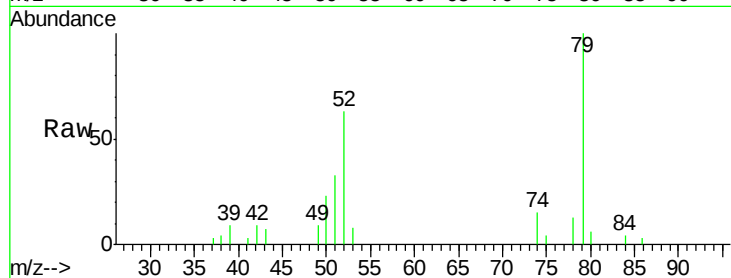
Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	79	Resp:	60501
Ion	Ratio	Lower	Upper
79	100		
52	62.8	56.3	84.5
51	33.1	27.4	41.2



#4

n-Nitrosodimethylamine

Concen: 16.64 ng

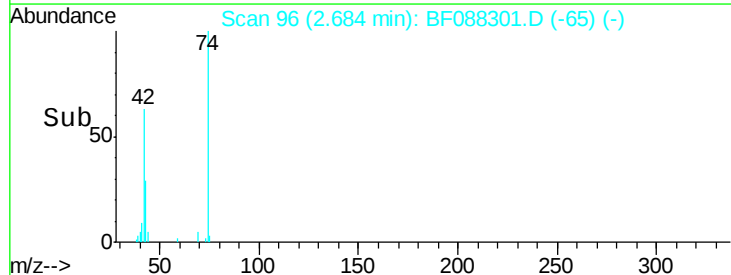
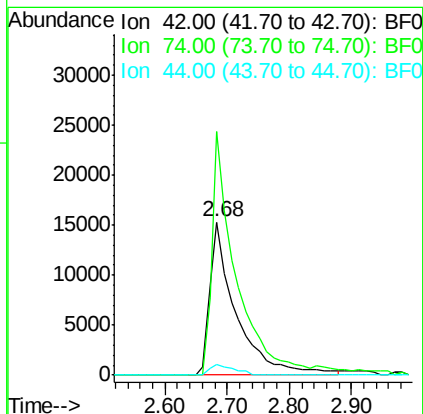
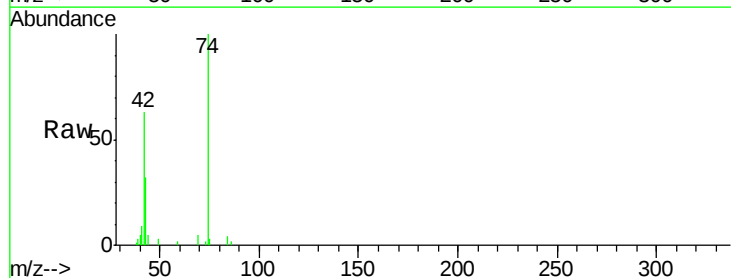
RT: 2.68 min Scan# 96

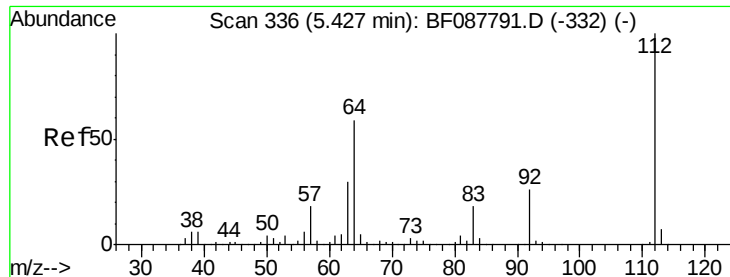
Delta R.T. 0.06 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Tgt Ion:	42	Resp:	44806
Ion	Ratio	Lower	Upper
42	100		
74	159.1	108.6	163.0
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 65.04 ng

RT: 5.20 min Scan# 316

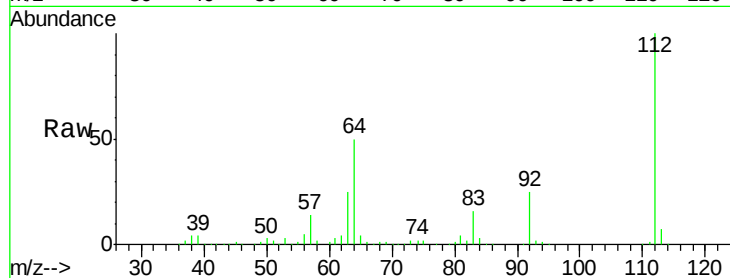
Delta R.T. 0.02 min

Lab File: BF088301.D

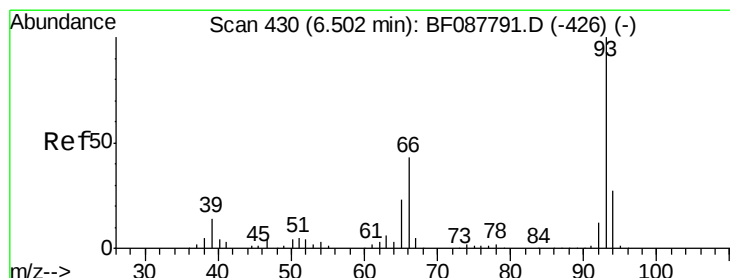
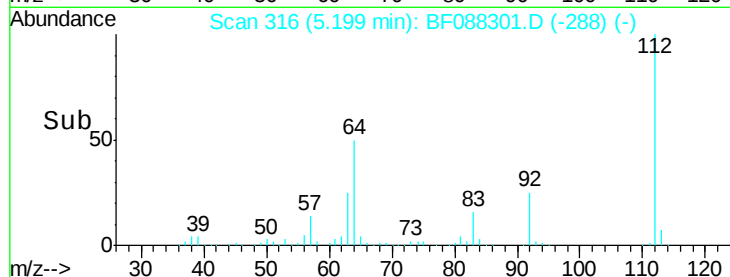
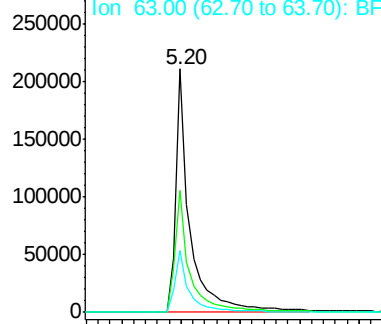
Acq: 23 Jun 2016 21:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	112	Resp:	360335
Ion	Ratio	Lower	Upper
112	100		
64	50.0	42.2	63.2
63	25.4	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): B



#6

Aniline

Concen: 15.49 ng

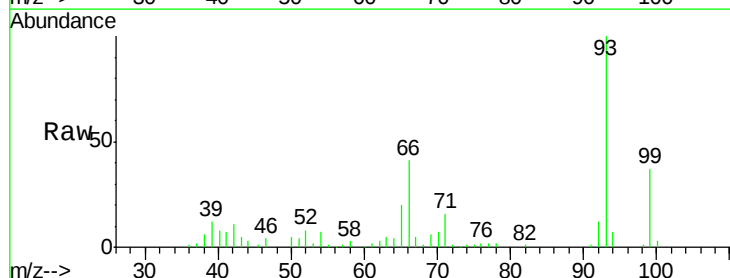
RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

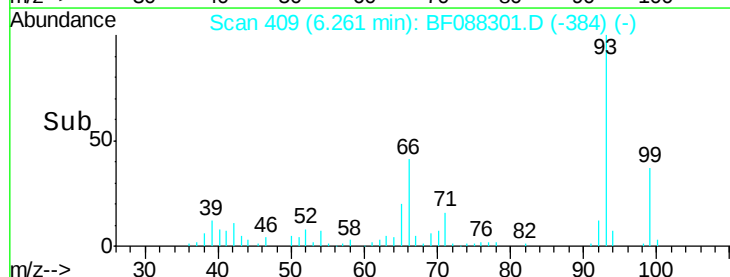
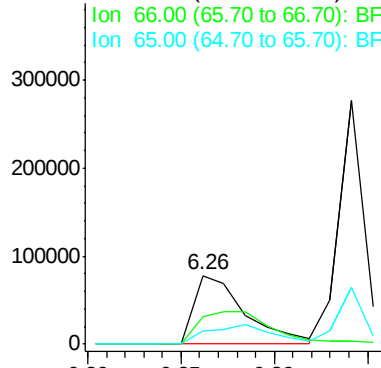
Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Tgt Ion:	93	Resp:	148035
Ion	Ratio	Lower	Upper
93	100		
66	40.6	29.8	44.8
65	20.0	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 42.95 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

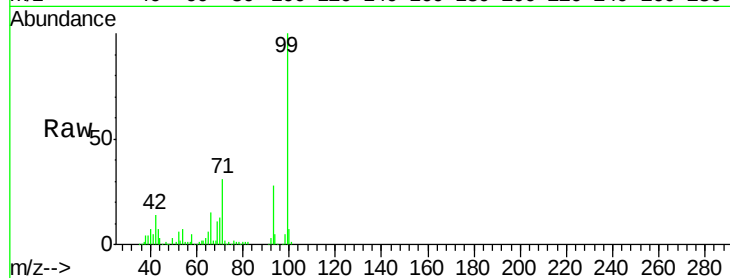
Tgt Ion: 99 Resp: 288371

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.2

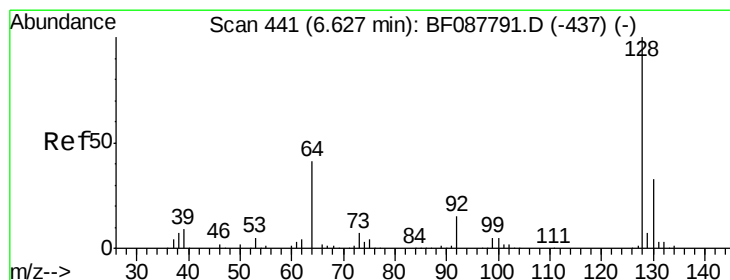
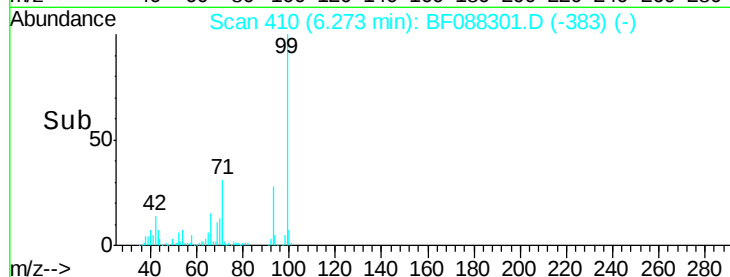
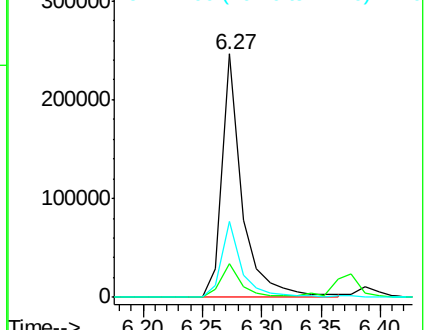
71 31.4 23.4 35.0



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: 37.51 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

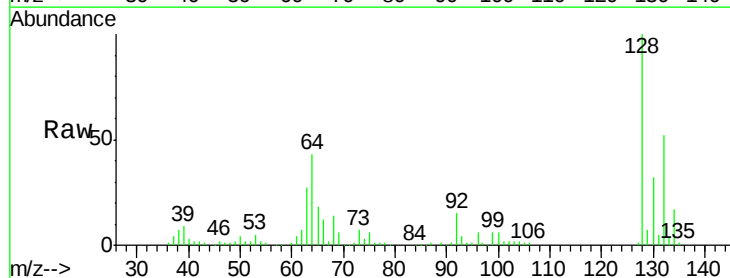
Tgt Ion: 128 Resp: 245980

Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

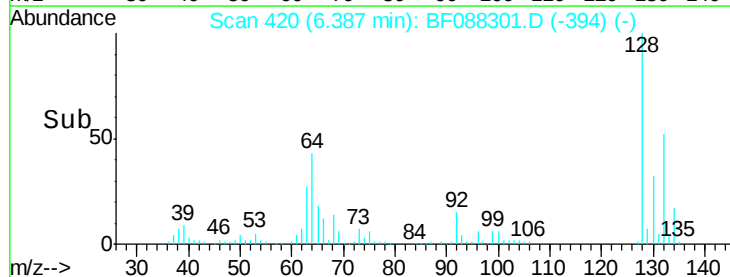
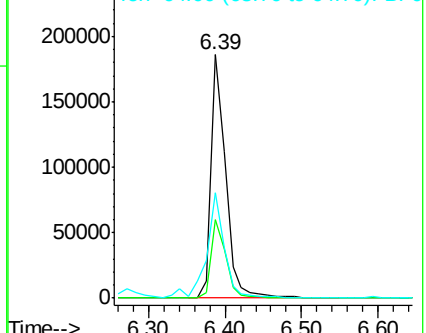
64 43.4 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 17.72 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

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ClientSampleId :

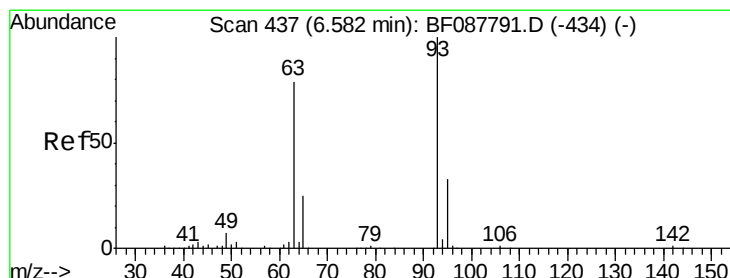
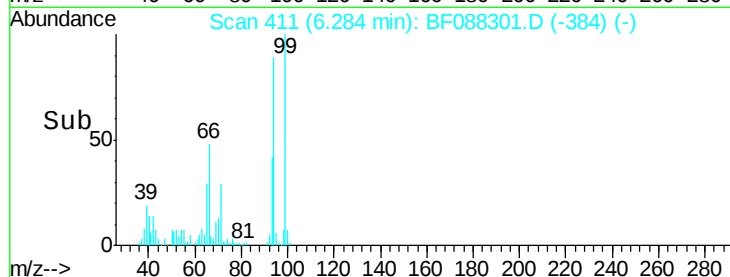
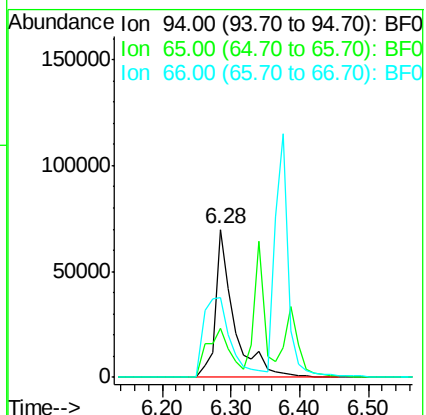
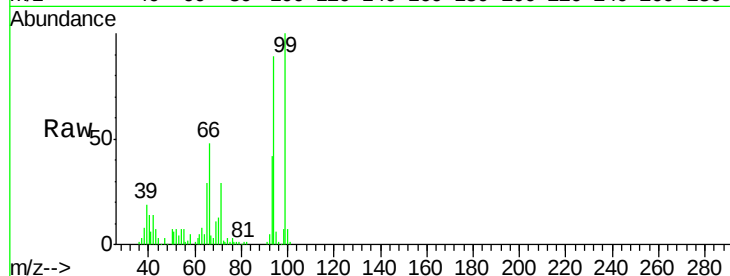
Tgt Ion: 94 Resp: 133319

Ion Ratio Lower Upper

94 100

65 32.9 5.9 45.9

66 53.6 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 47.49 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

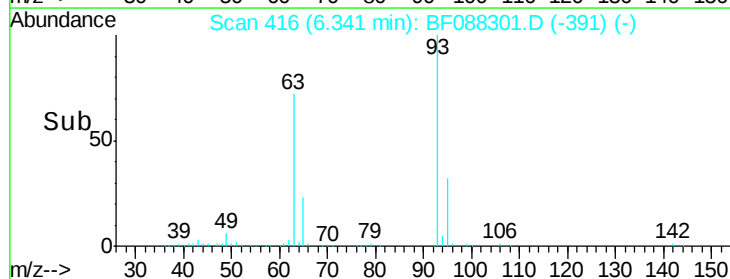
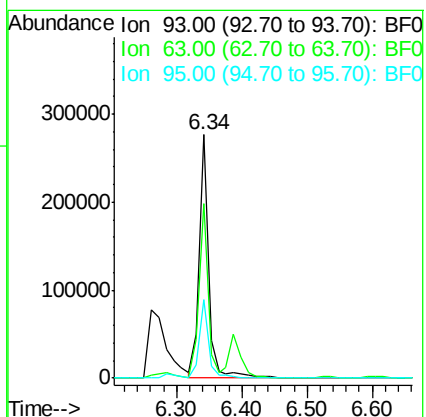
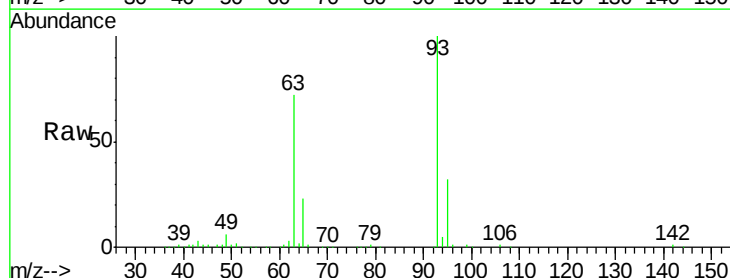
Tgt Ion: 93 Resp: 279590

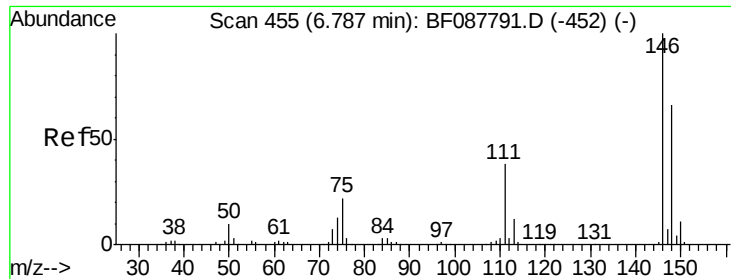
Ion Ratio Lower Upper

93 100

63 71.5 67.6 107.6

95 32.1 12.5 52.5

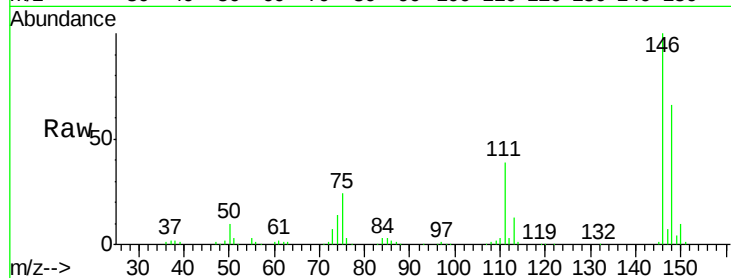




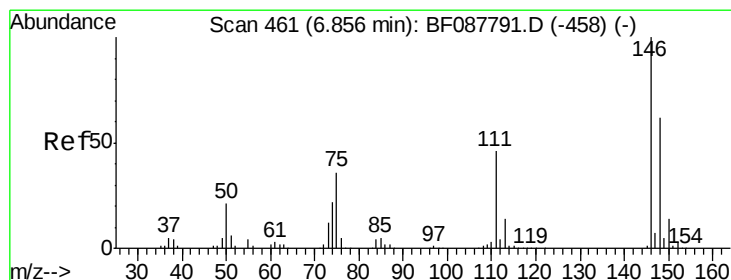
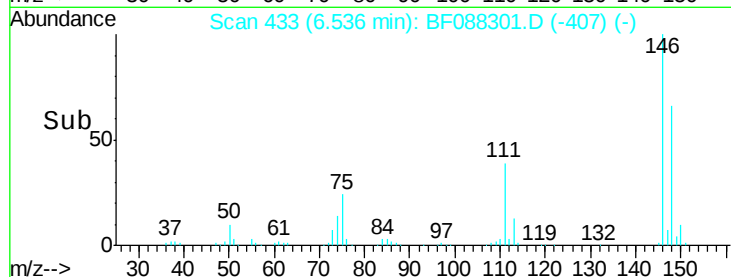
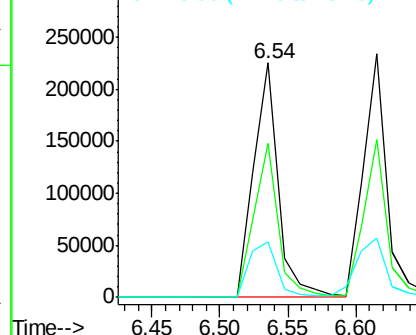
#12
 1,3-Dichlorobenzene
 Concen: 39.77 ng m
 RT: 6.54 min Scan# 433
 Delta R.T. -0.00 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:146 Resp: 279821
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.9 76.3
 75 23.7 25.6 38.4#

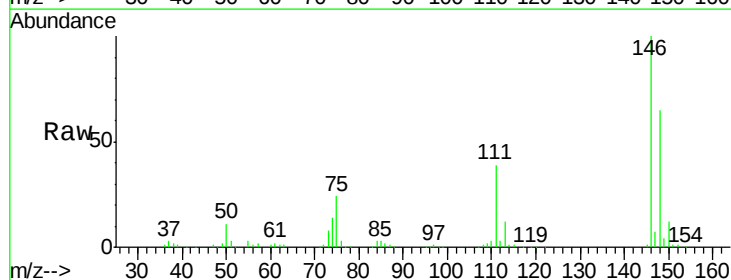


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

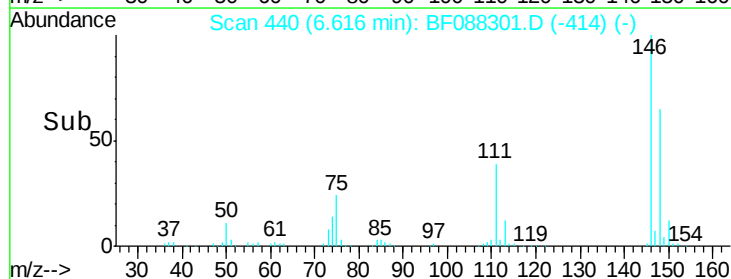
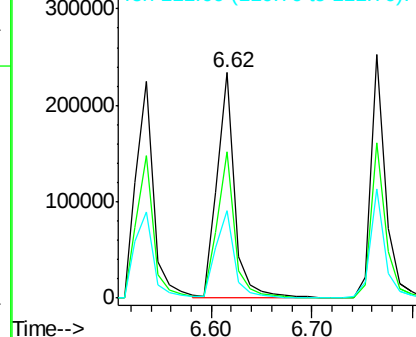


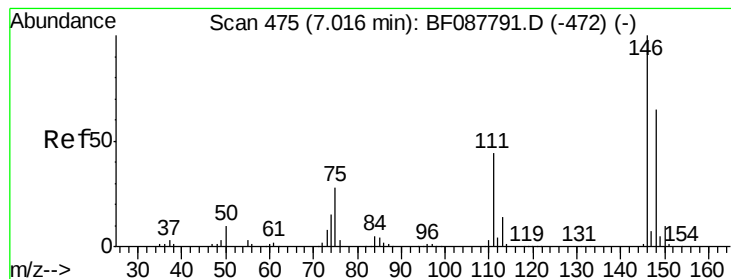
#13
 1,4-Dichlorobenzene
 Concen: 40.50 ng
 RT: 6.62 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Tgt Ion:146 Resp: 287055
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.0 78.0
 111 38.5 33.8 50.8



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

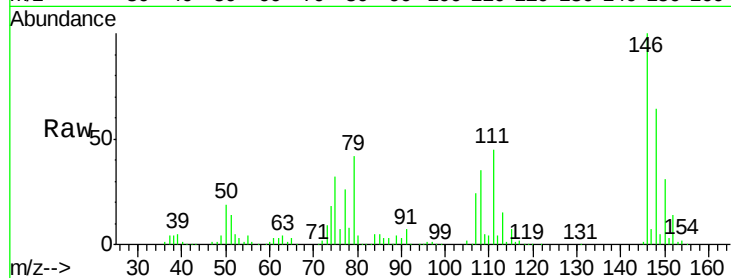




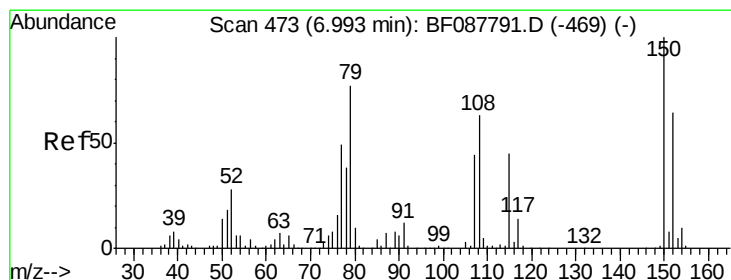
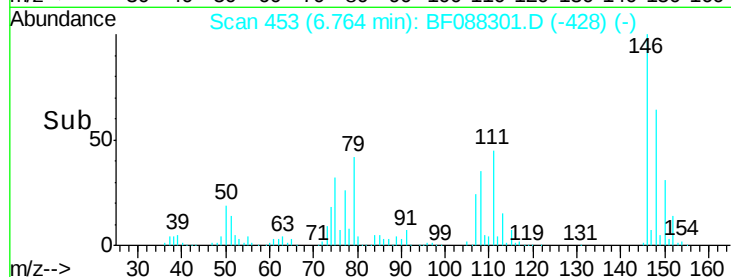
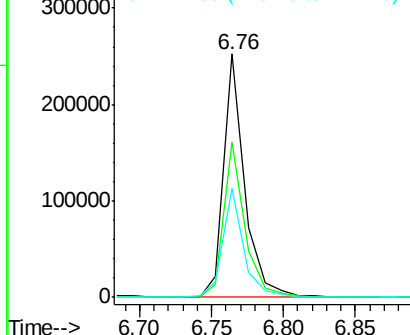
#14
 1,2-Dichlorobenzene
 Concen: 39.70 ng m
 RT: 6.76 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 146 Resp: 255914
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 44.8 28.7 43.1#

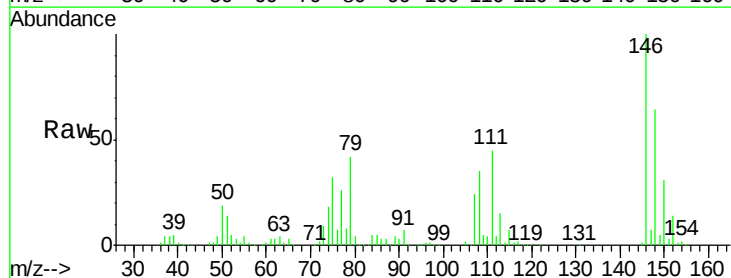


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

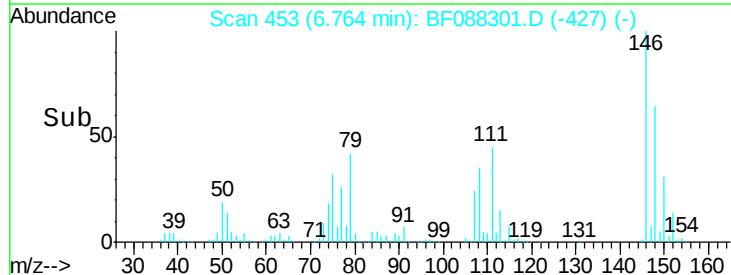
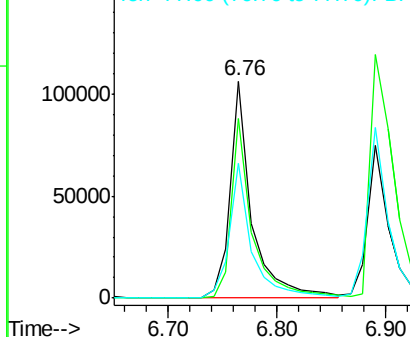


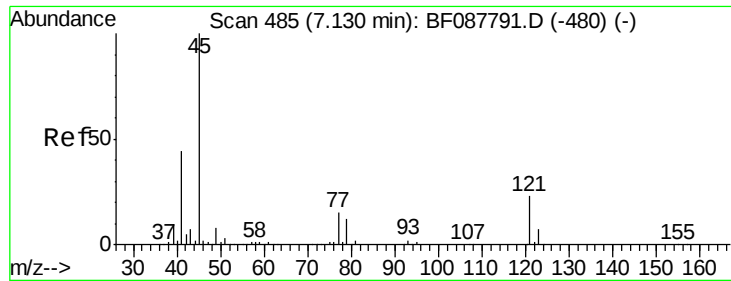
#15
 Benzyl Alcohol
 Concen: 28.17 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Tgt Ion: 79 Resp: 147969
 Ion Ratio Lower Upper
 79 100
 108 82.6 65.0 97.6
 77 62.0 50.3 75.5



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

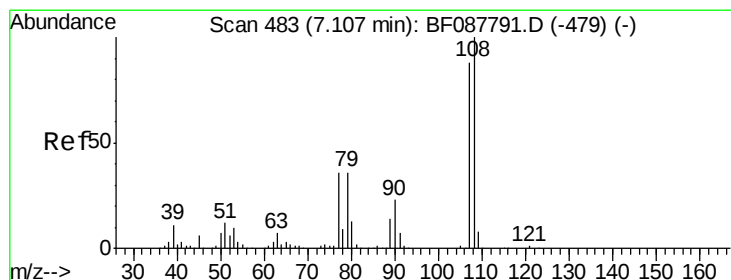
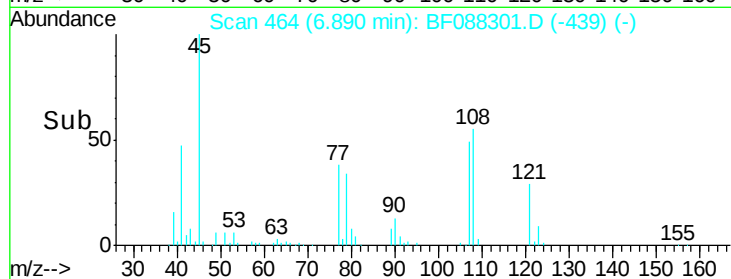
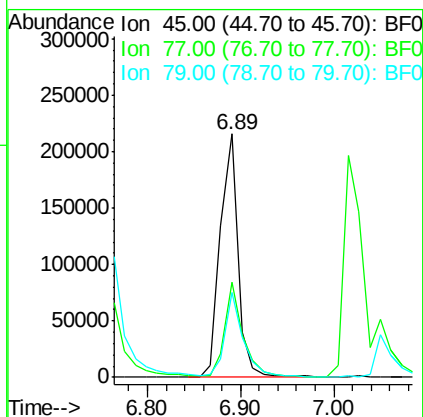
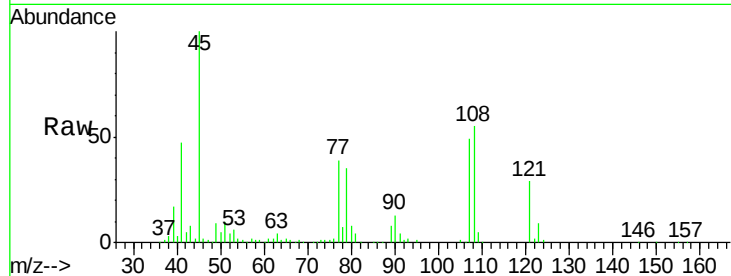




#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.14 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

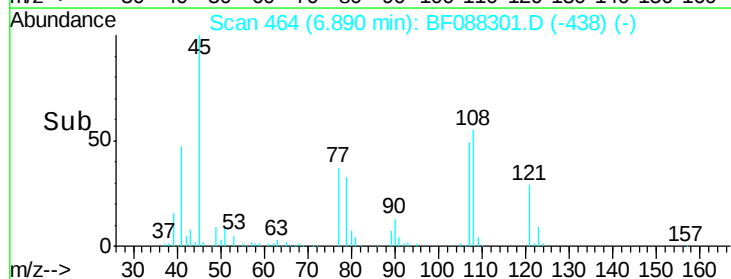
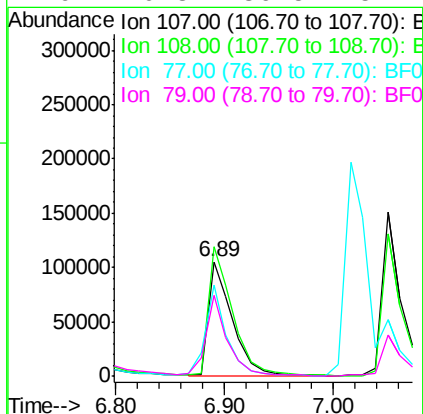
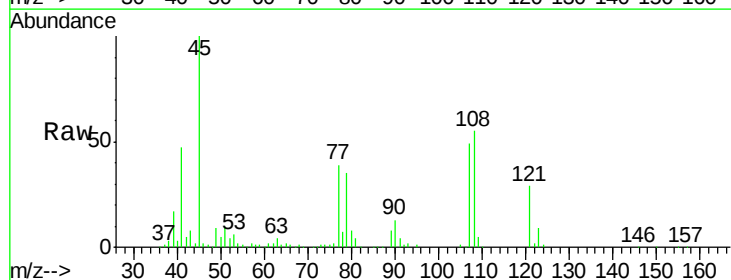
Instrument :
BNA_F
ClientSampleId :

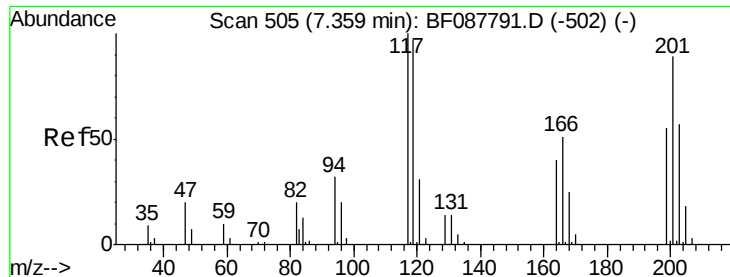
Tgt Ion: 45 Resp: 287451
Ion Ratio Lower Upper
45 100
77 38.8 0.0 32.5#
79 34.6 0.0 29.5#



#17
2-Methylphenol
Concen: 30.10 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Tgt Ion: 107 Resp: 160072
Ion Ratio Lower Upper
107 100
108 113.1 90.9 136.3
77 79.4 36.6 55.0#
79 70.8 36.5 54.7#

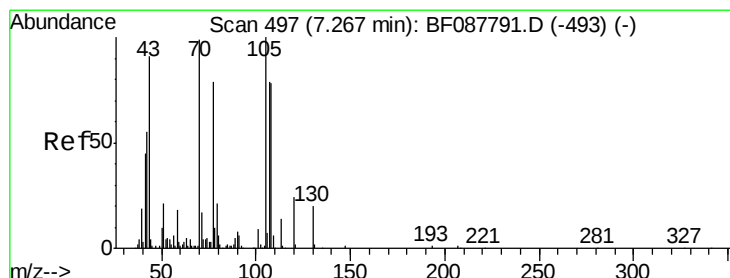
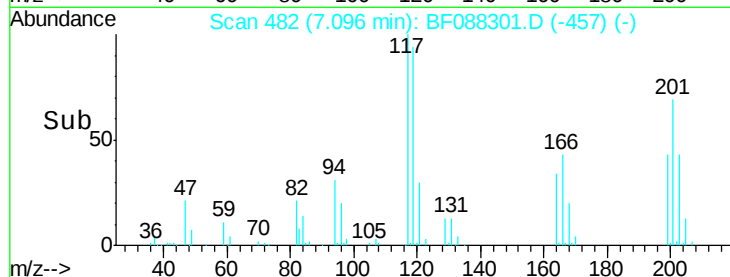
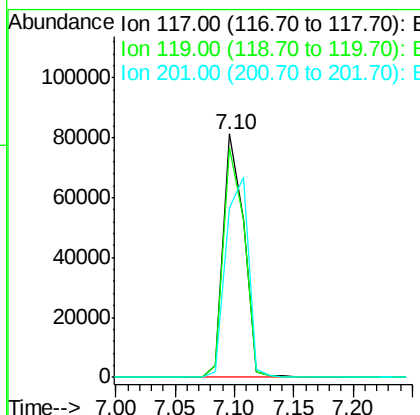
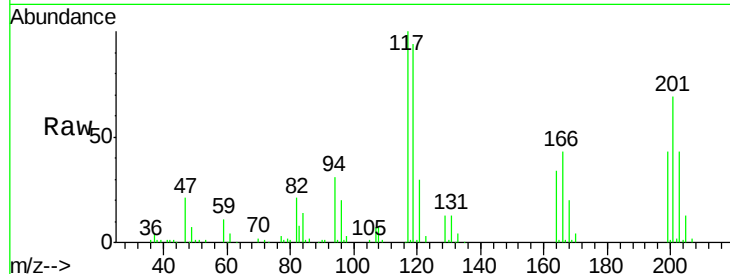




#18
Hexachloroethane
Concen: 38.65 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

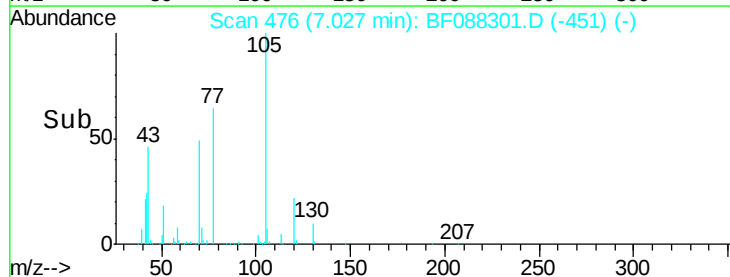
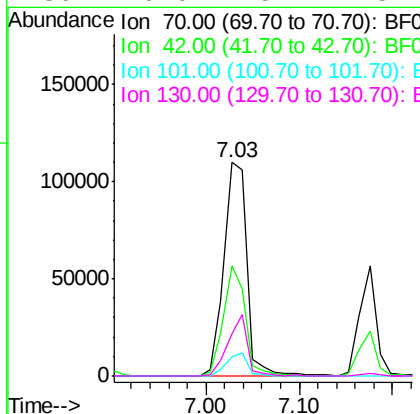
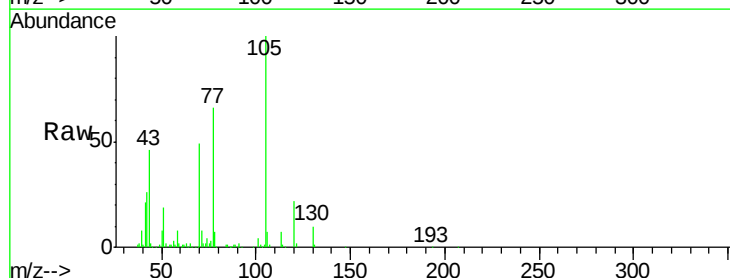
Instrument :
BNA_F
ClientSampleId :

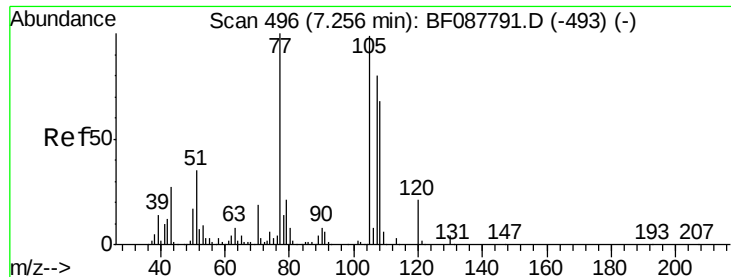
Tgt Ion: 117 Resp: 97219
Ion Ratio Lower Upper
117 100
119 94.2 77.4 116.2
201 69.5 80.4 120.6#



#19
n-Nitroso-di-n-propylamine
Concen: 44.23 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Tgt Ion: 70 Resp: 189966
Ion Ratio Lower Upper
70 100
42 51.7 49.6 74.4
101 8.9 7.1 10.7
130 20.0 15.4 23.2

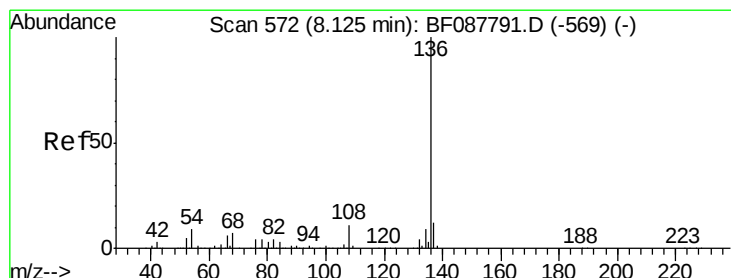
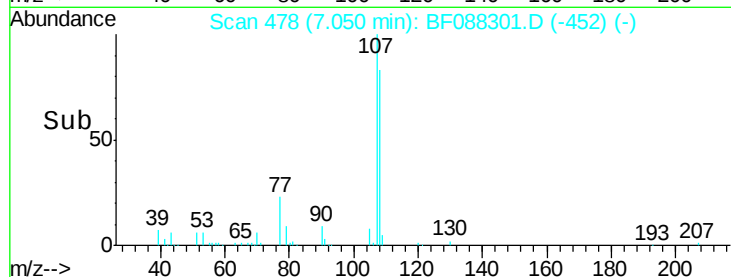
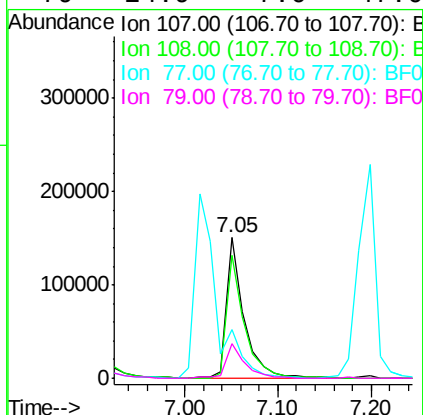
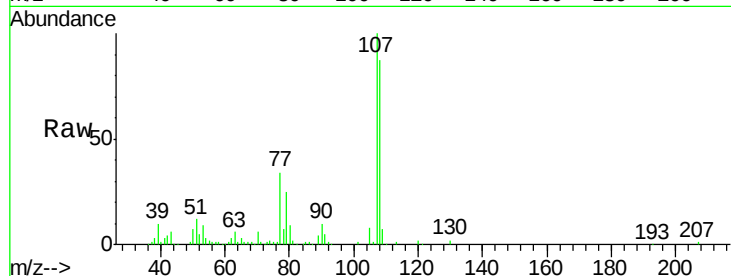




#20
 3+4-Methylphenols
 Concen: 31.16 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

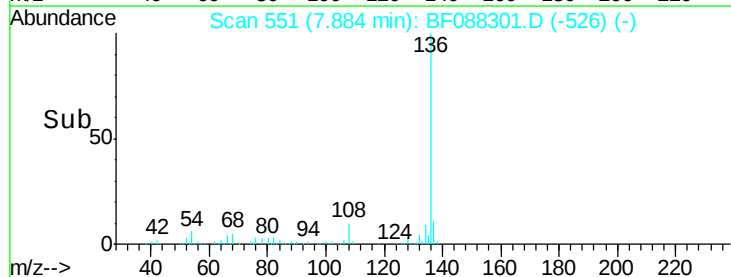
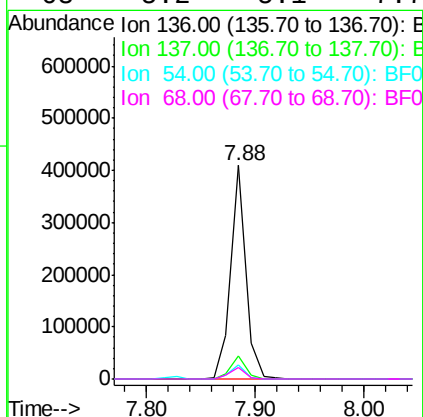
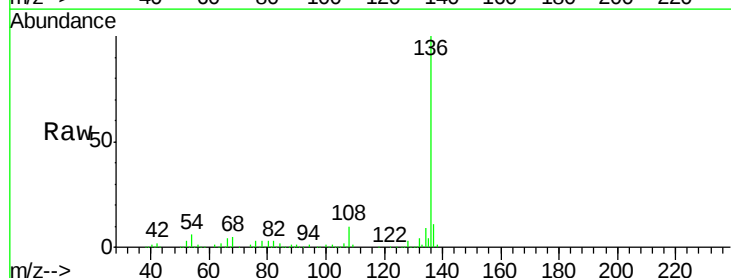
Instrument :
 BNA_F
 ClientSampleId :

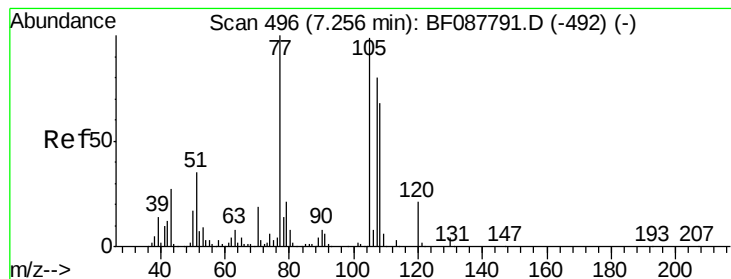
Tgt Ion:	107	Resp:	193326
Ion	Ratio	Lower	Upper
107	100		
108	86.9	67.8	107.8
77	34.3	59.3	99.3#
79	24.9	7.0	47.0



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.88 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Tgt Ion:	136	Resp:	392536
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.3	6.6	10.0#
68	5.2	5.1	7.7





#22

Acetophenone

Concen: 43.72 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

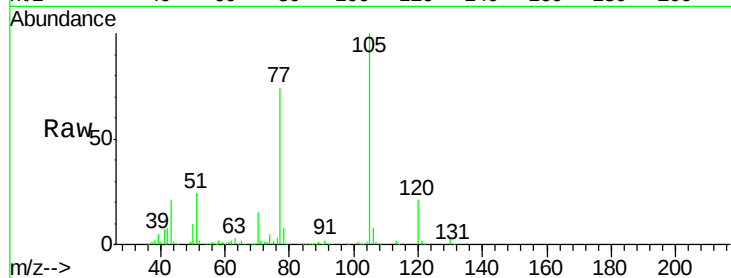
Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 105 Resp: 383552

Ion Ratio Lower Upper

105 100

71 2.4 5.3 7.9#

51 23.8 18.2 27.4

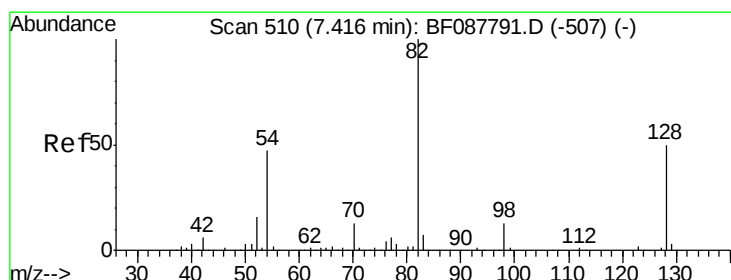
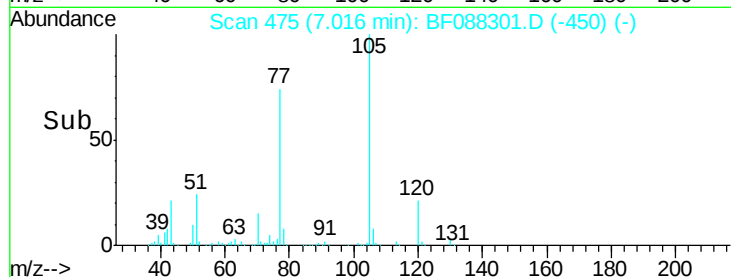
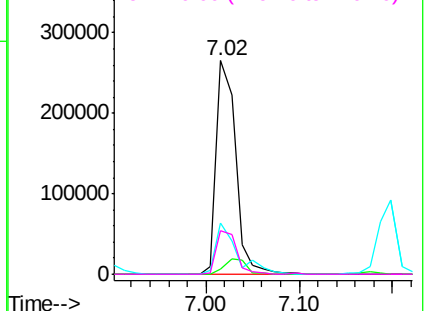
120 20.6 18.0 27.0

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 78.74 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Tgt Ion: 82 Resp: 529273

Ion Ratio Lower Upper

82 100

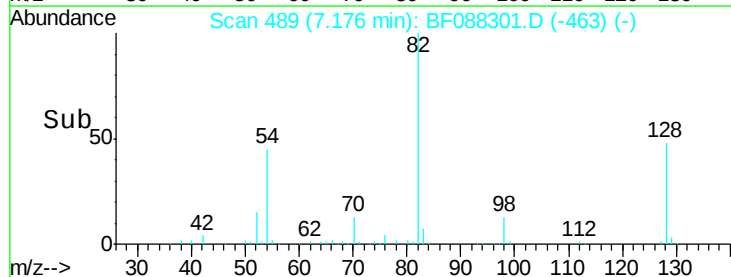
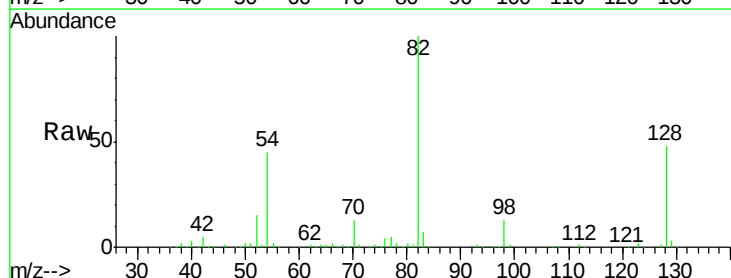
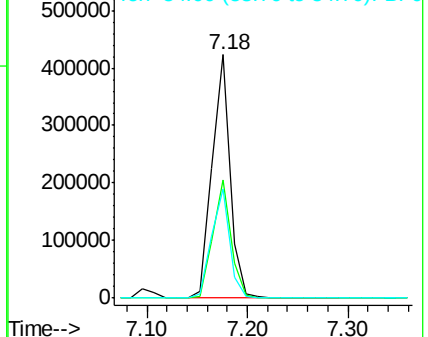
128 48.4 35.9 53.9

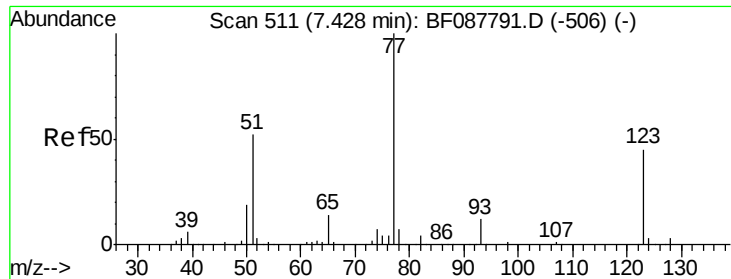
54 44.7 40.9 61.3

Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

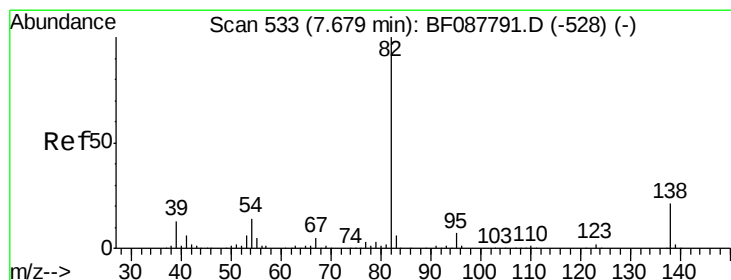
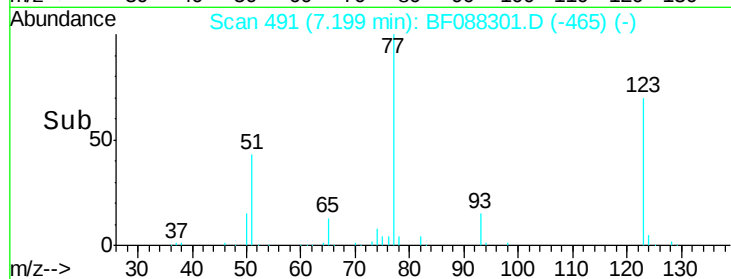
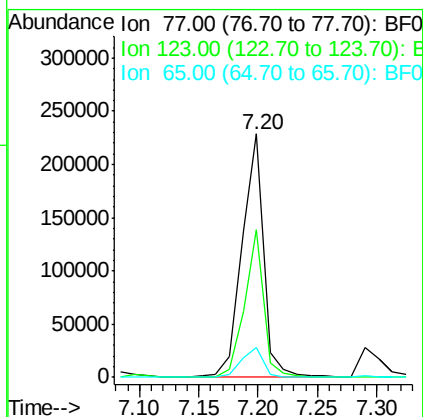
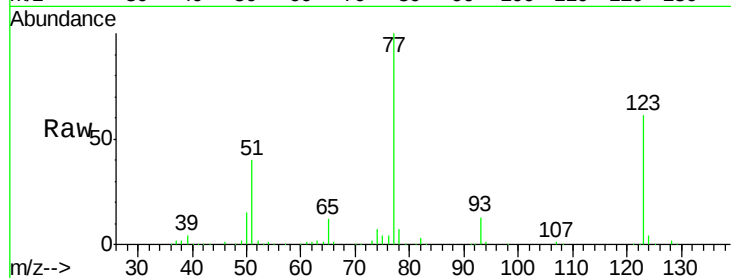




#24
 Nitrobenzene
 Concen: 44.34 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

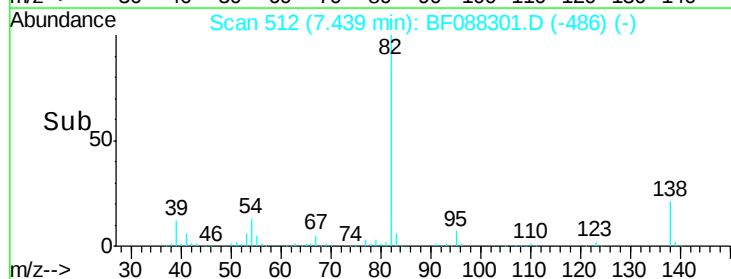
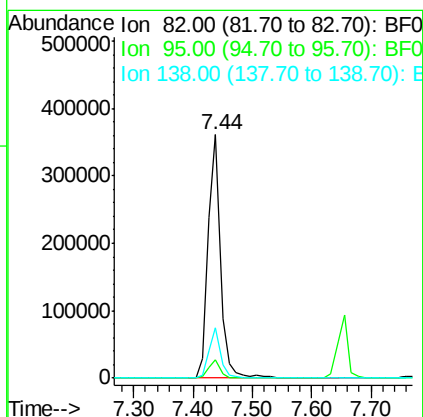
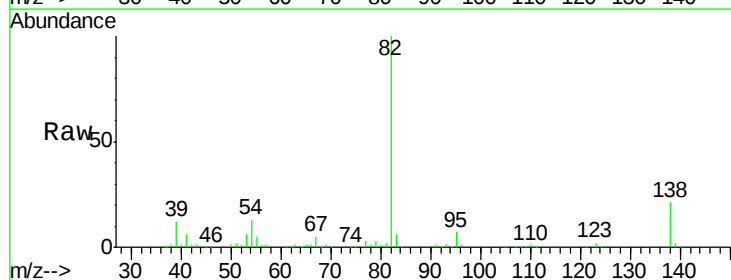
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 77 Resp: 288689
 Ion Ratio Lower Upper
 77 100
 123 60.5 45.0 67.4
 65 12.2 10.2 15.2



#25
 Isophorone
 Concen: 42.34 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Tgt Ion: 82 Resp: 527249
 Ion Ratio Lower Upper
 82 100
 95 7.3 5.4 8.2
 138 20.7 14.6 21.8

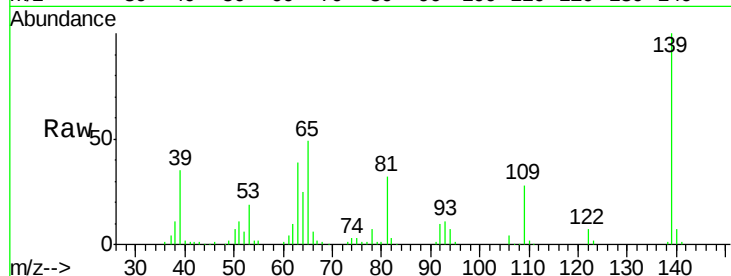




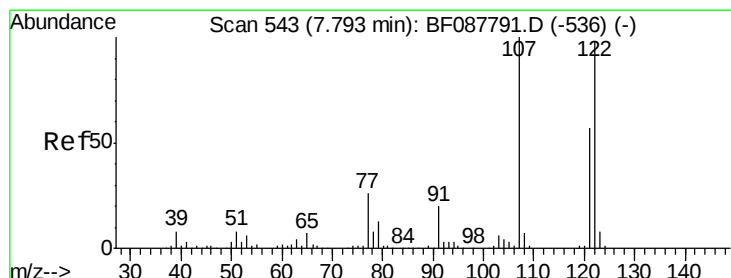
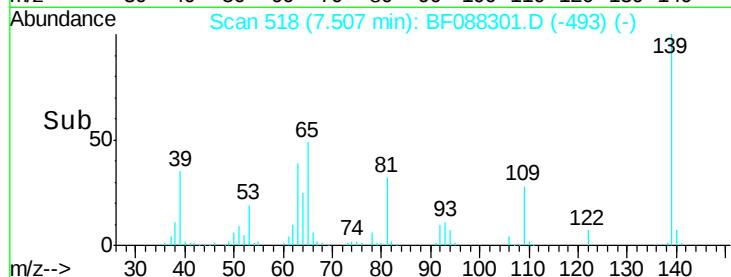
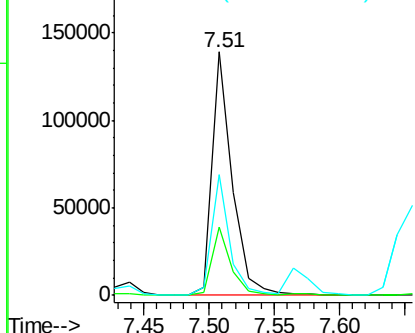
#26
 2-Nitrophenol
 Concen: 42.99 ng
 RT: 7.51 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:139 Resp: 149952
 Ion Ratio Lower Upper
 139 100
 109 28.1 23.0 34.4
 65 49.4 45.8 68.8

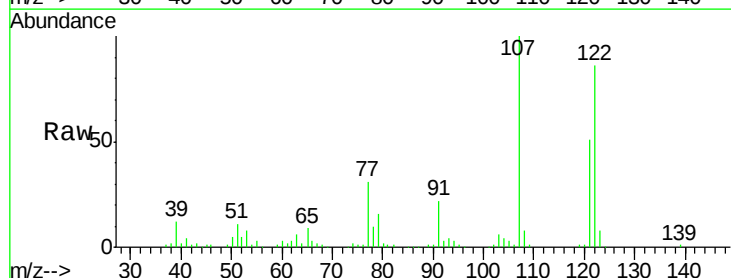


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

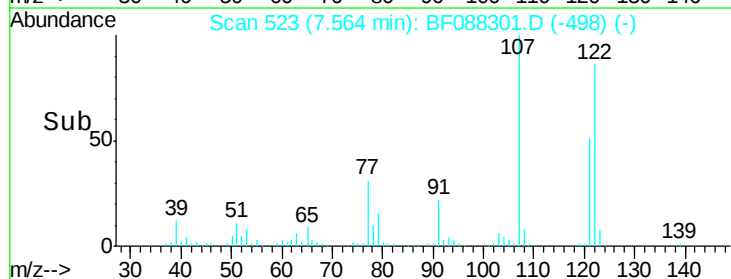
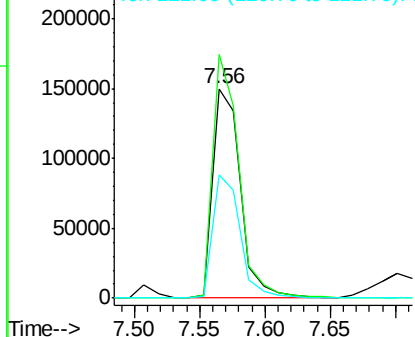


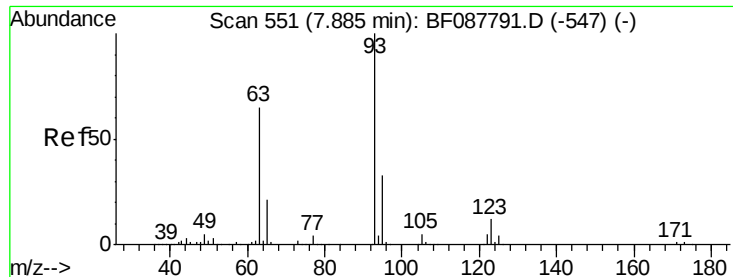
#27
 2,4-Dimethylphenol
 Concen: 34.64 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Tgt Ion:122 Resp: 222454
 Ion Ratio Lower Upper
 122 100
 107 116.2 82.4 123.6
 121 58.9 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

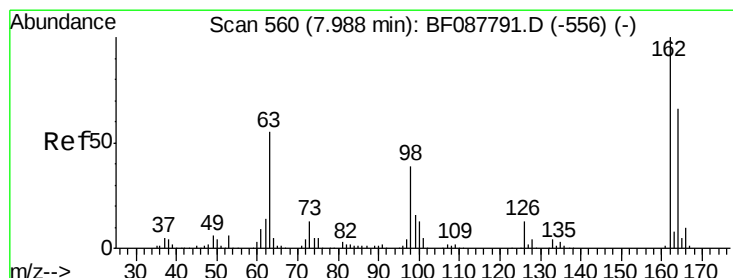
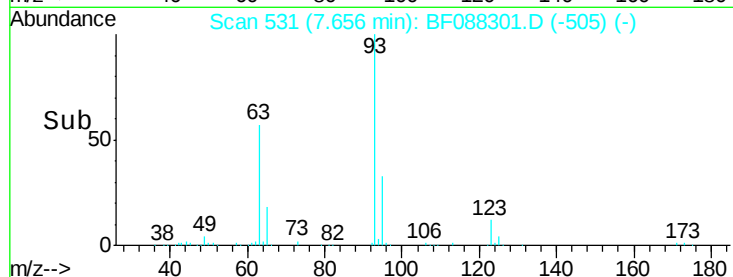
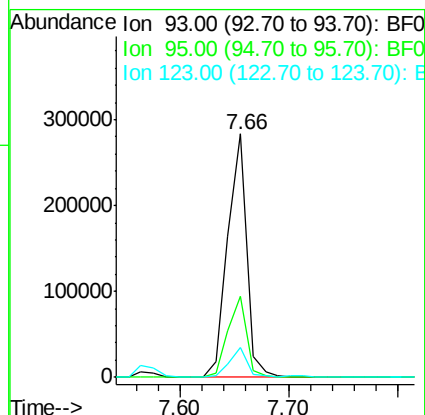
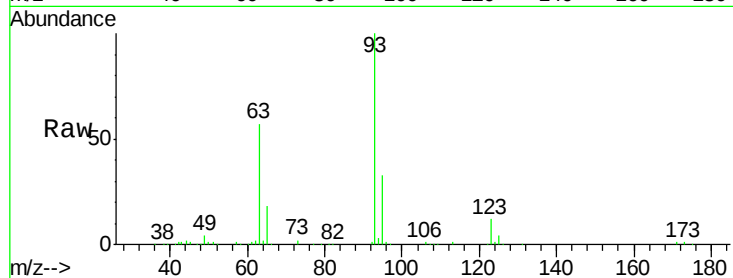




#28
bis(2-Chloroethoxy)methane
Concen: 44.35 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

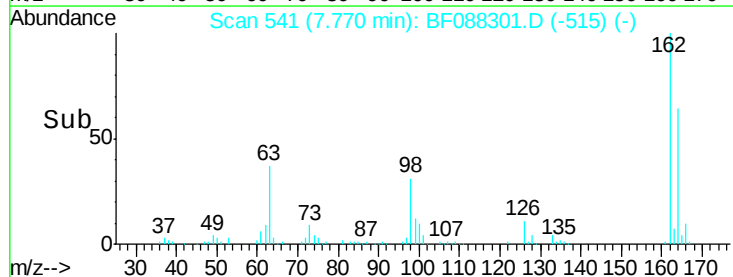
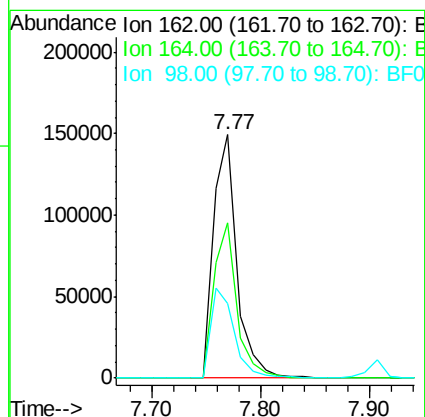
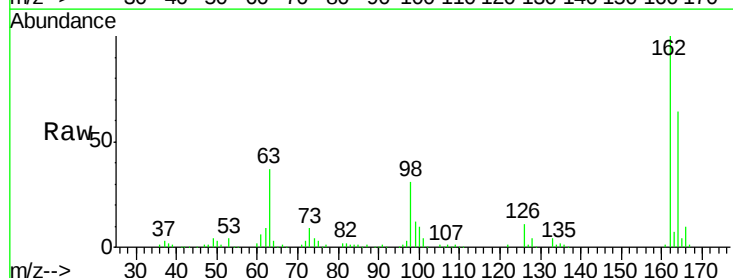
Instrument :
BNA_F
ClientSampleId :

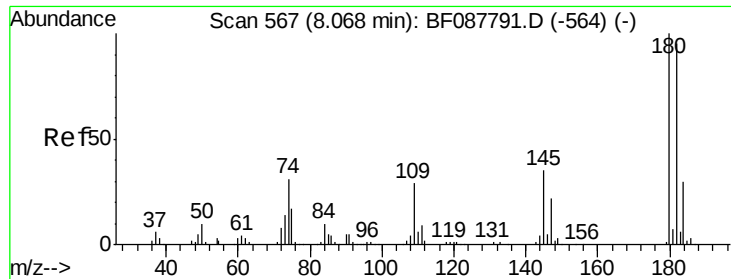
Tgt Ion: 93 Resp: 342525
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 12.3 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 41.87 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Tgt Ion: 162 Resp: 224524
Ion Ratio Lower Upper
162 100
164 63.9 43.8 83.8
98 30.6 21.3 61.3

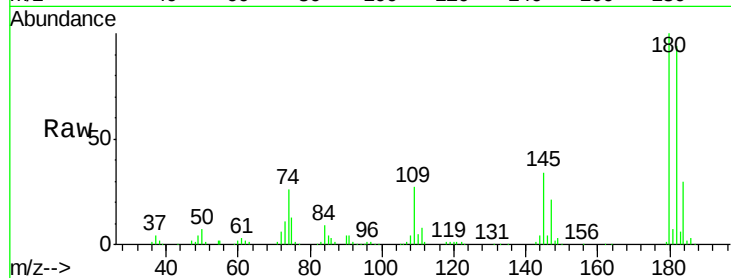




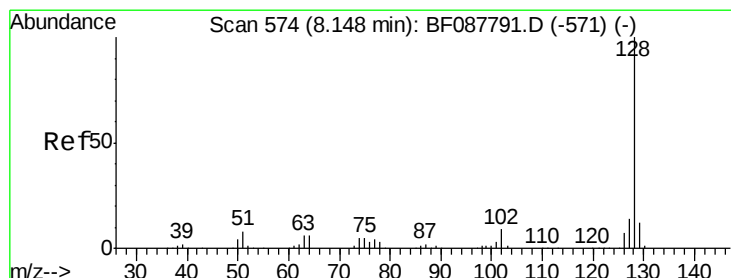
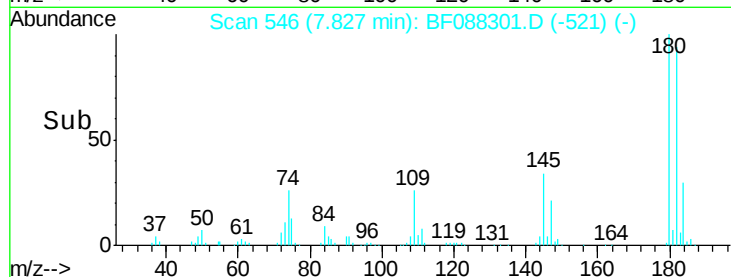
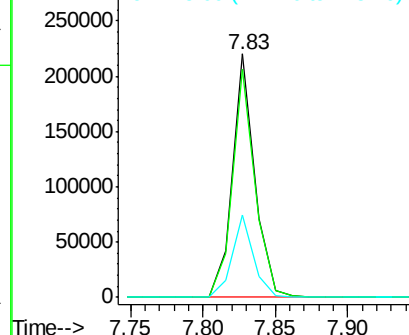
#30
 1,2,4-Trichlorobenzene
 Concen: 40.20 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:180 Resp: 234714
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.0 114.0
 145 33.8 26.5 39.7

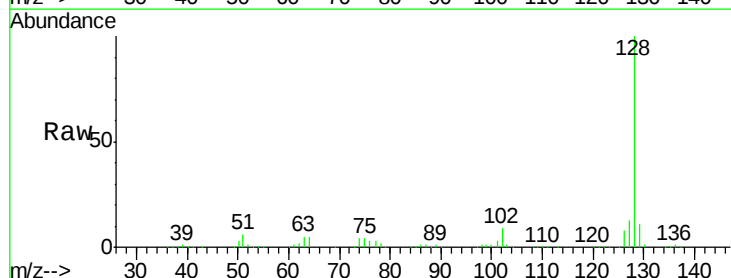


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

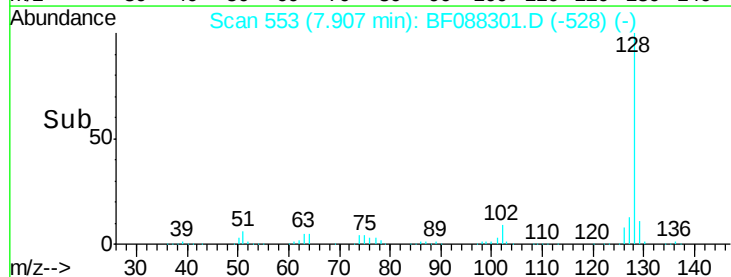
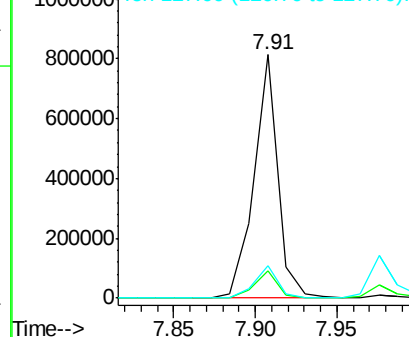


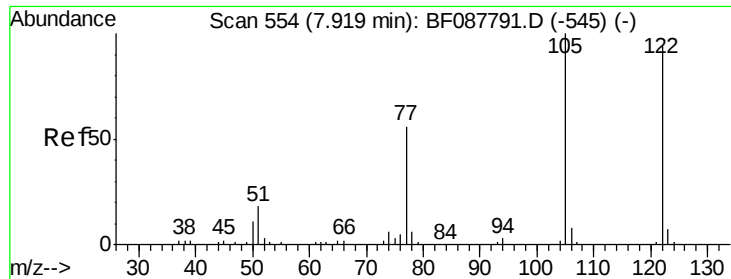
#31
 Naphthalene
 Concen: 42.48 ng
 RT: 7.91 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Tgt Ion:128 Resp: 825178
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.4 14.2
 127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

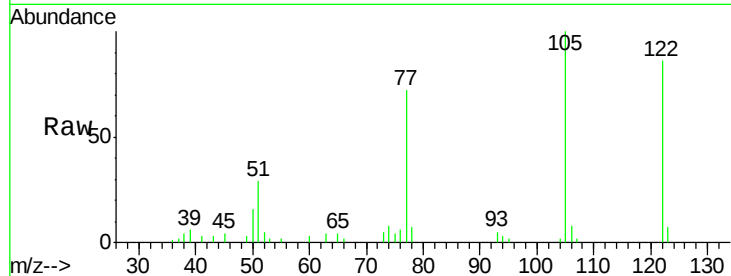




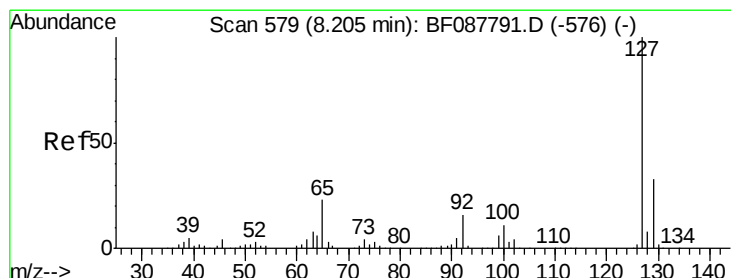
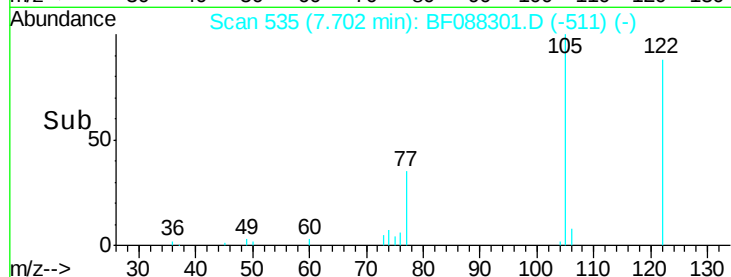
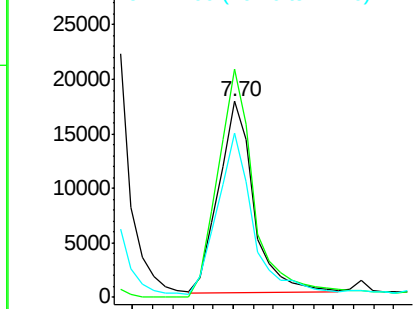
#32
Benzoic acid
Concen: 12.16 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Instrument :
BNA_F
ClientSampled :

Tgt Ion:122 Resp: 42991
Ion Ratio Lower Upper
122 100
105 116.6 101.6 141.6
77 83.9 70.6 110.6

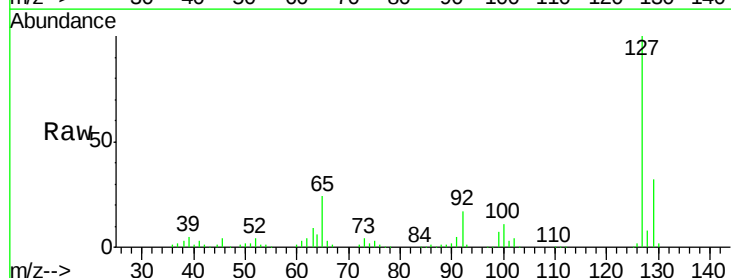


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

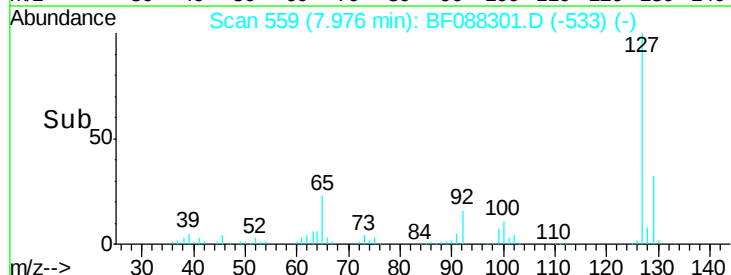
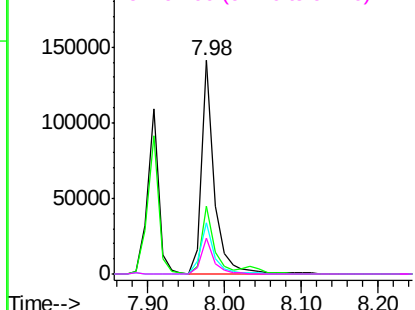


#33
4-Chloroaniline
Concen: 18.48 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Tgt Ion:127 Resp: 160317
Ion Ratio Lower Upper
127 100
129 31.9 26.3 39.5
65 24.0 24.7 37.1#
92 16.9 15.4 23.0



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

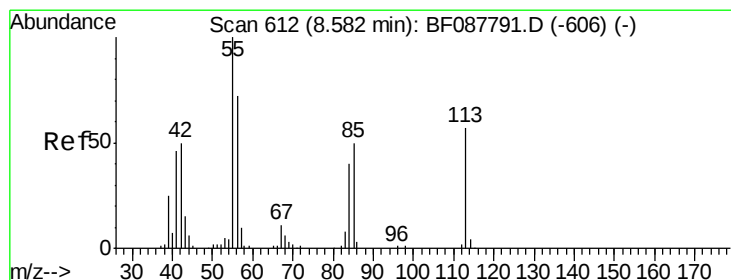
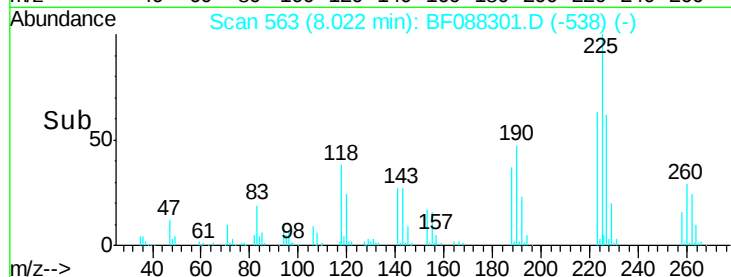
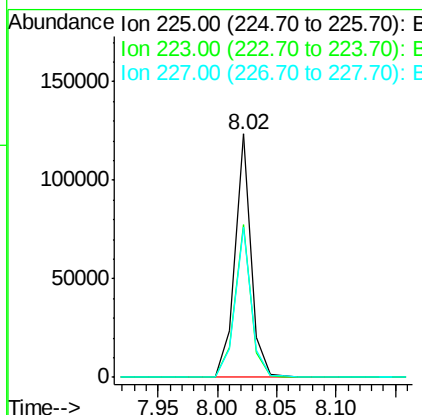
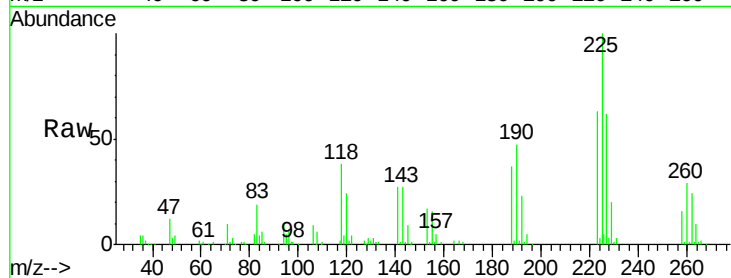




#34
Hexachlorobutadiene
Concen: 38.08 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

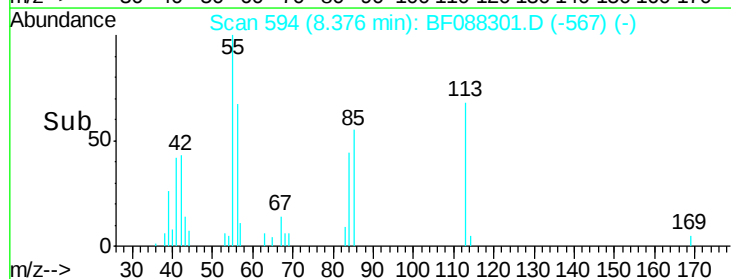
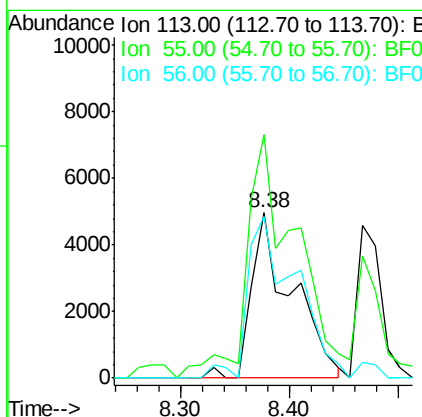
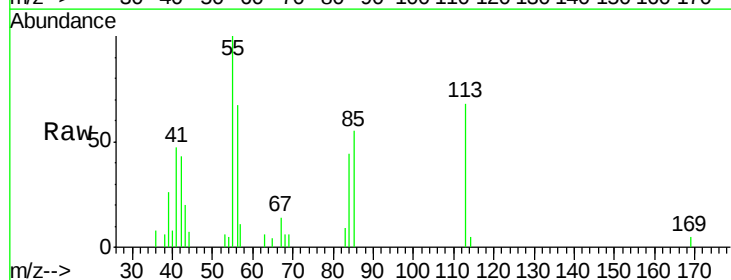
Instrument :
BNA_F
ClientSampleId :

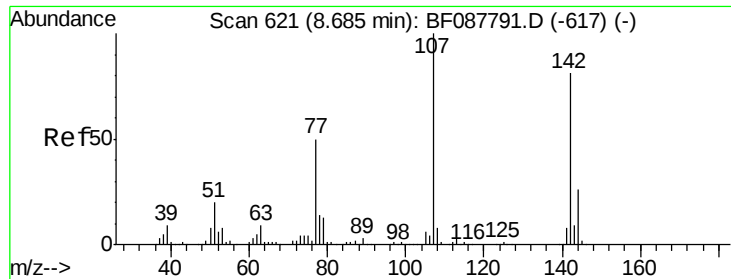
Tgt Ion: 225 Resp: 117270
Ion Ratio Lower Upper
225 100
223 62.8 50.9 76.3
227 61.9 51.9 77.9



#35
Caprolactam
Concen: 7.26 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Tgt Ion: 113 Resp: 12895
Ion Ratio Lower Upper
113 100
55 147.2 158.6 198.6#
56 98.0 110.6 150.6#

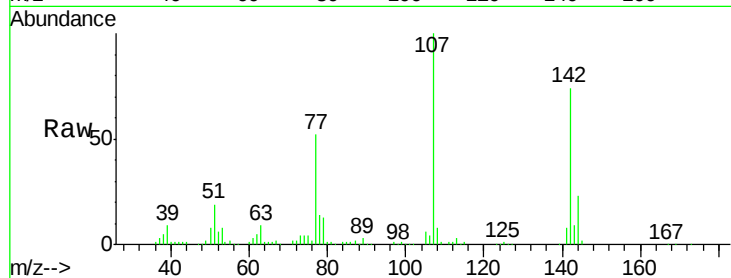




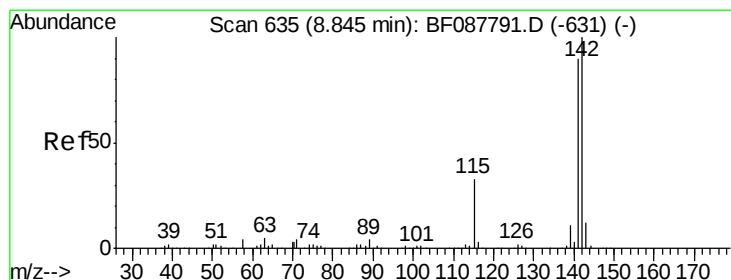
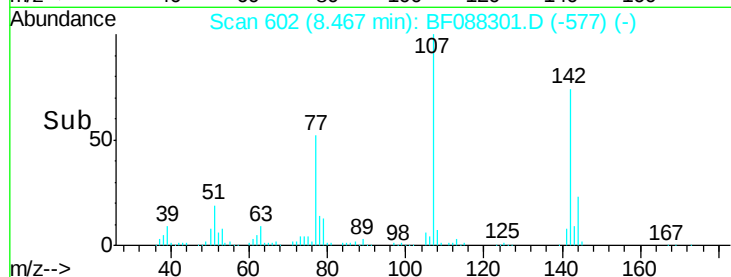
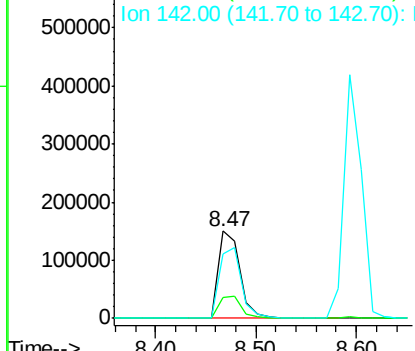
#36
 4-Chloro-3-methylphenol
 Concen: 38.58 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:107 Resp: 221259
 Ion Ratio Lower Upper
 107 100
 144 23.4 20.8 31.2
 142 73.9 63.4 95.2

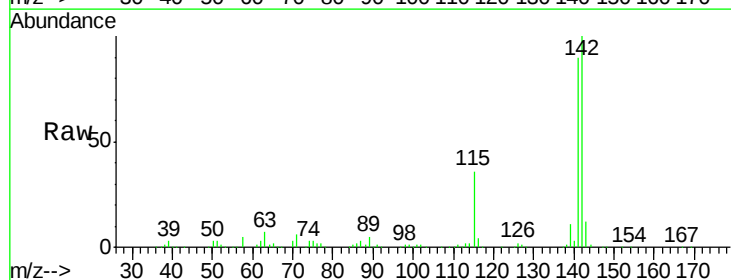


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

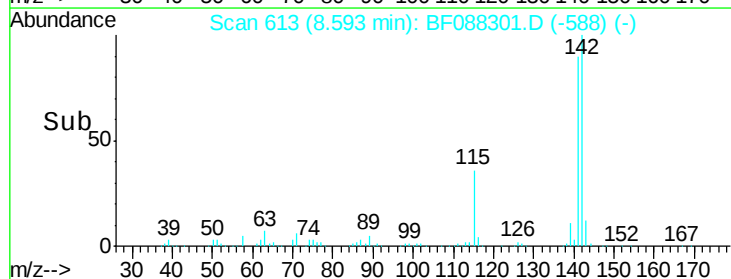
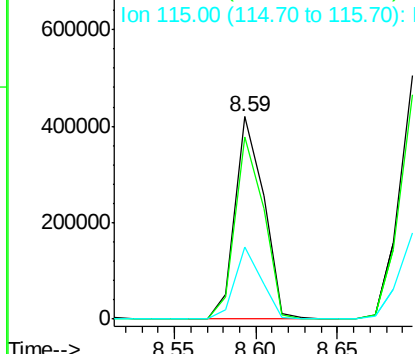


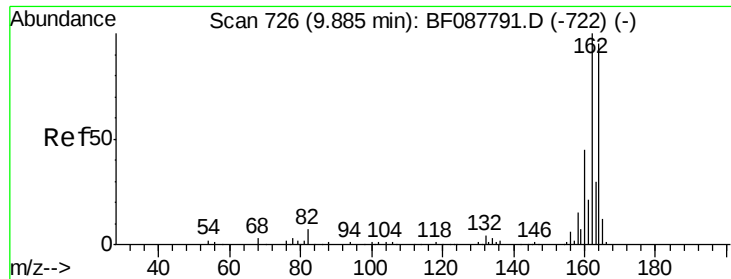
#37
 2-Methylnaphthalene
 Concen: 39.71 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Tgt Ion:142 Resp: 508369
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.0 106.6
 115 35.7 22.6 33.8#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampled :

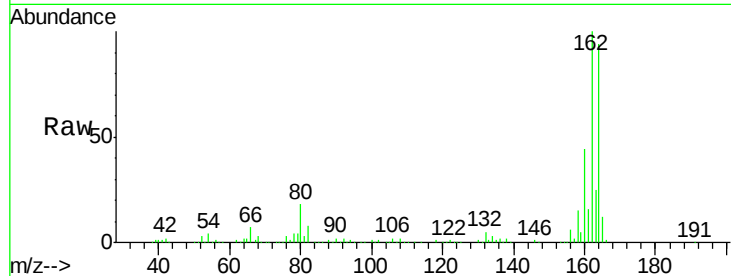
Tgt Ion:164 Resp: 179472

Ion Ratio Lower Upper

164 100

162 106.0 85.4 128.2

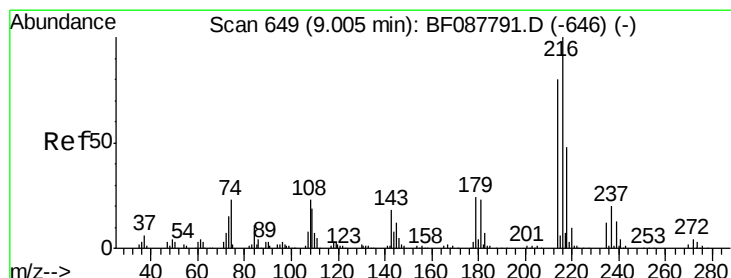
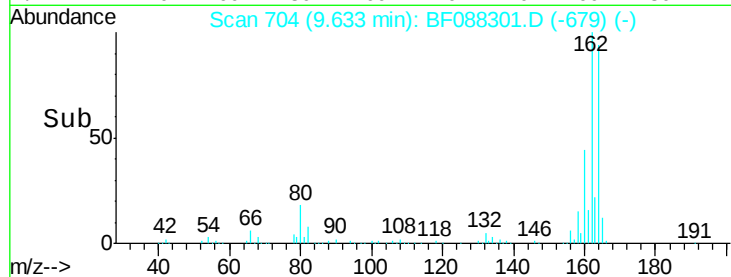
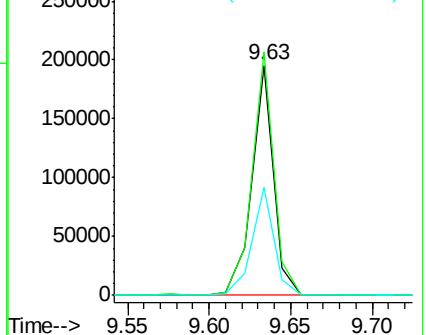
160 47.1 39.5 59.3



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: 48.59 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Tgt Ion:216 Resp: 220829

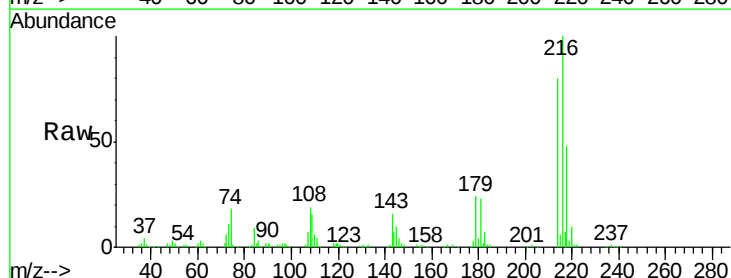
Ion Ratio Lower Upper

216 100

214 78.8 2.9 4.3#

179 23.2 0.0 0.0#

108 21.9 0.5 0.7#

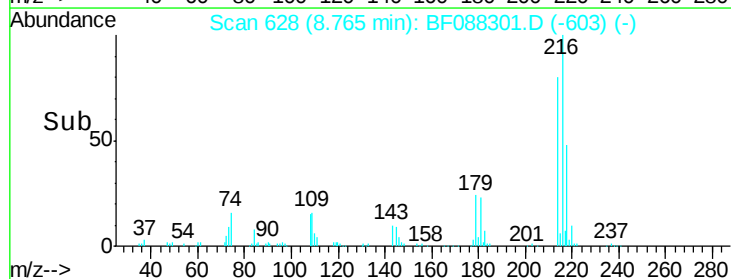
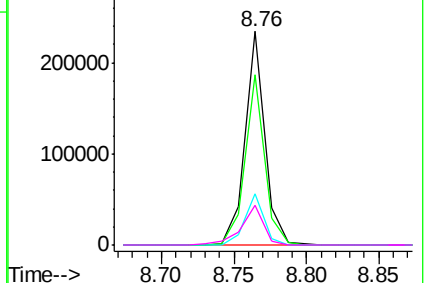


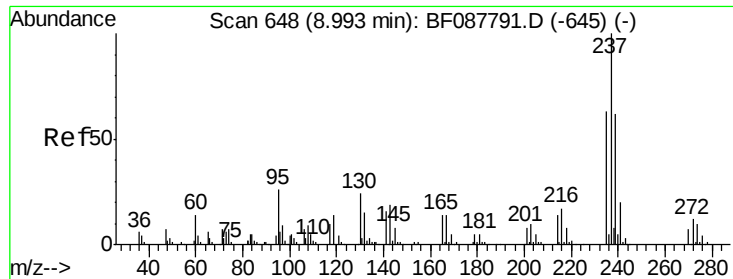
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 29.27 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampled :

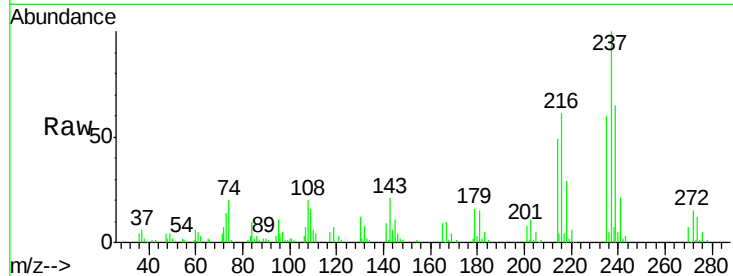
Tgt Ion:237 Resp: 84722

Ion Ratio Lower Upper

237 100

235 59.8 43.4 83.4

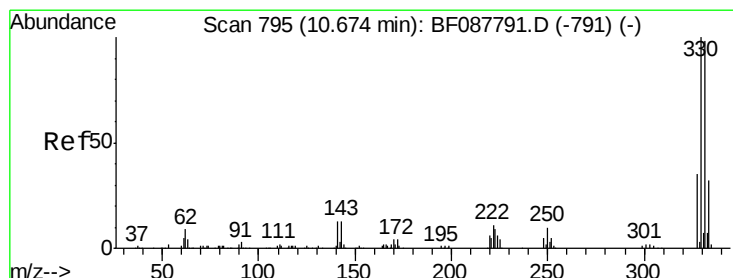
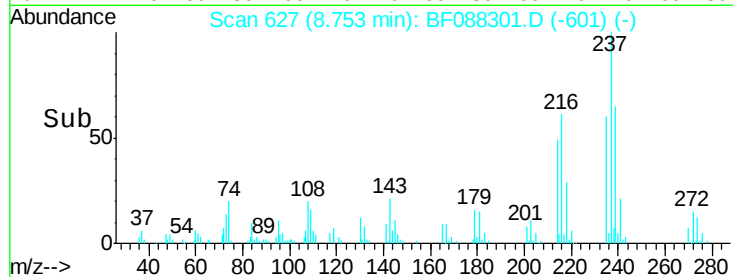
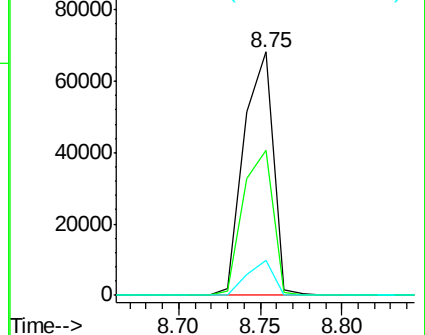
272 14.5 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 107.32 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

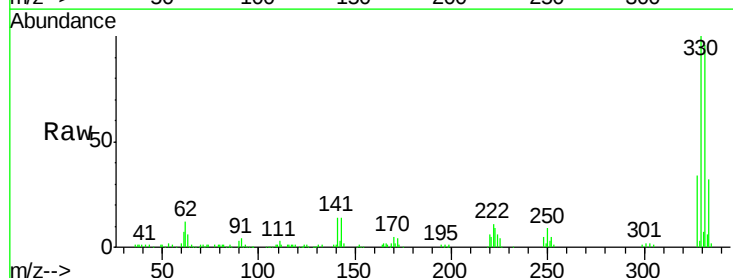
Tgt Ion:330 Resp: 203369

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

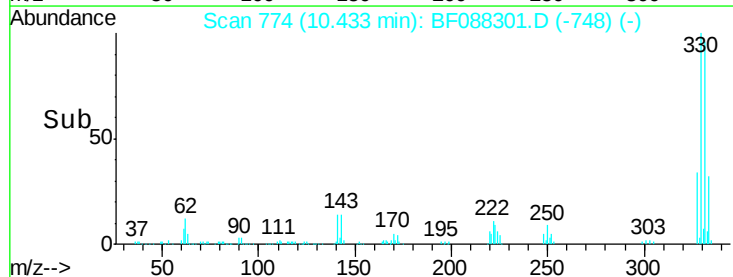
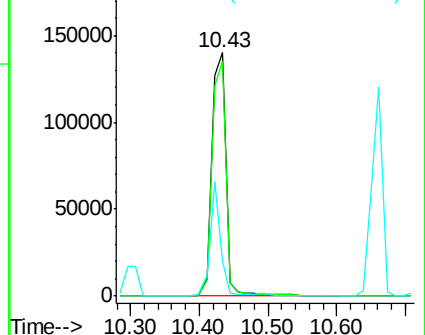
141 34.8 0.0 0.0#

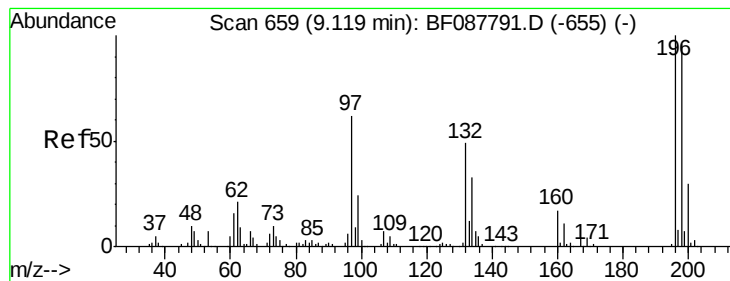


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 41.67 ng

RT: 8.89 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampled :

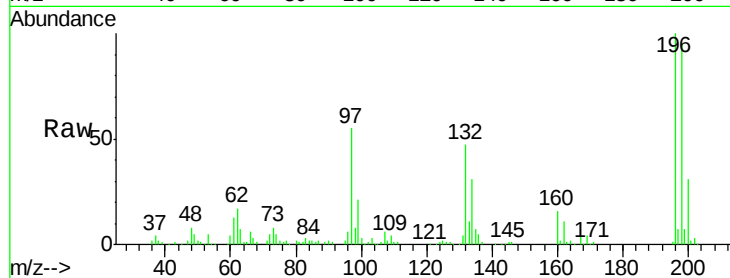
Tgt Ion:196 Resp: 149556

Ion Ratio Lower Upper

196 100

198 94.8 78.0 117.0

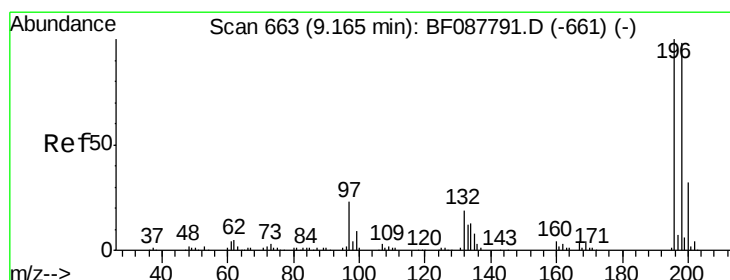
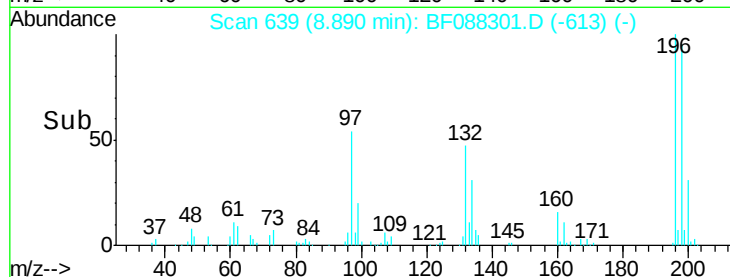
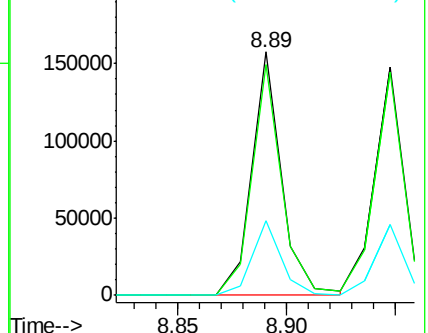
200 30.7 25.4 38.2



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: 38.71 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Tgt Ion:196 Resp: 144534

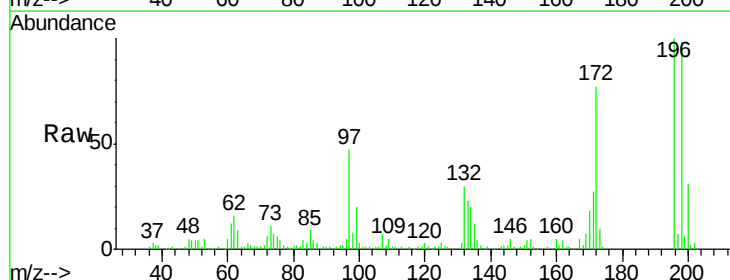
Ion Ratio Lower Upper

196 100

198 97.5 77.5 116.3

97 46.7 32.0 48.0

132 29.8 20.9 31.3

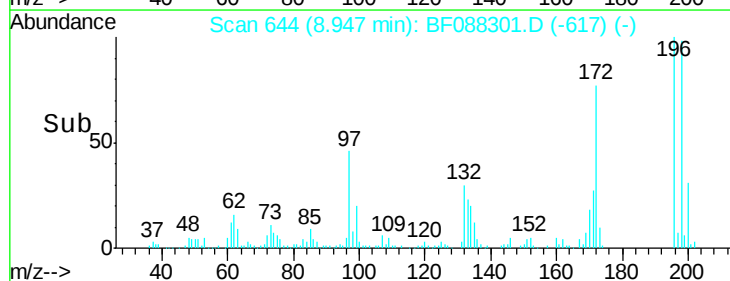
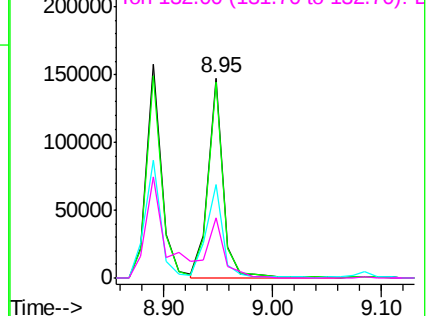


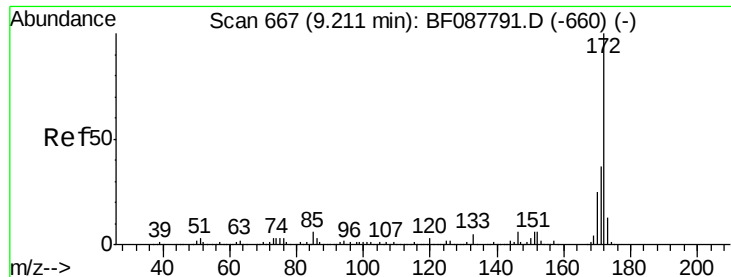
Abundance Ion 196.00 (195.70 to 196.70): E

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: 88.96 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

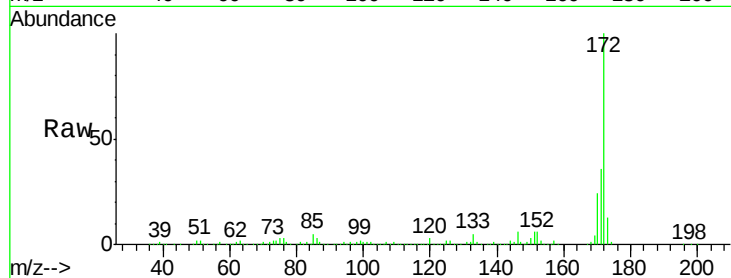
Tgt Ion:172 Resp: 1013351

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

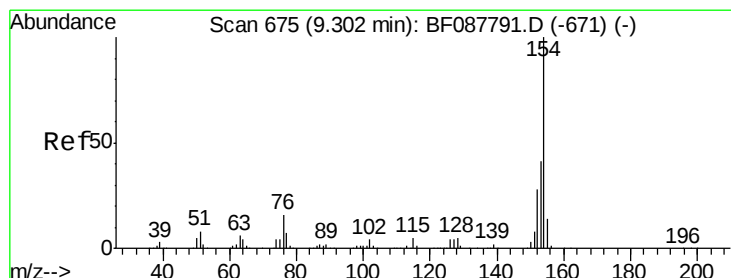
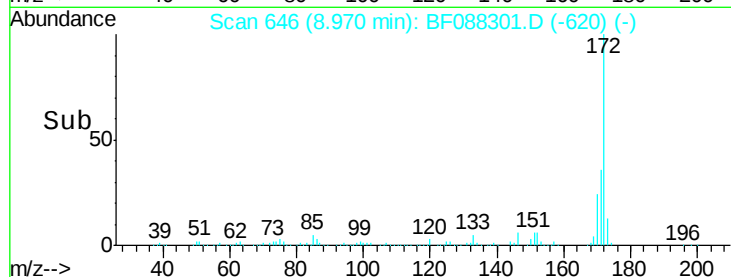
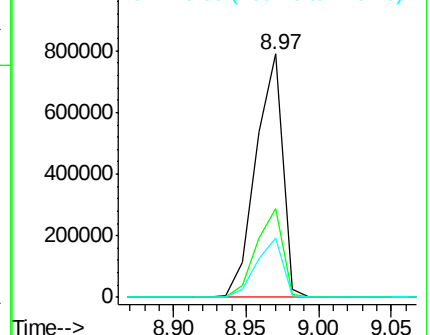
170 24.1 19.2 28.8



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: 43.97 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

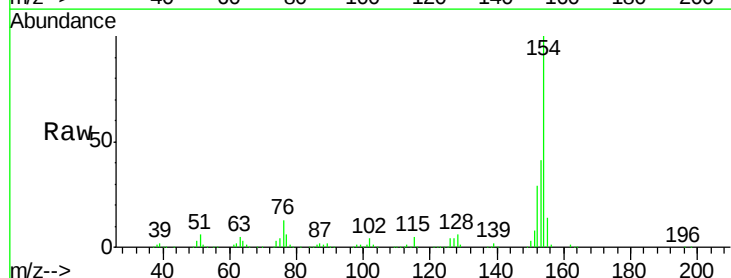
Tgt Ion:154 Resp: 594193

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

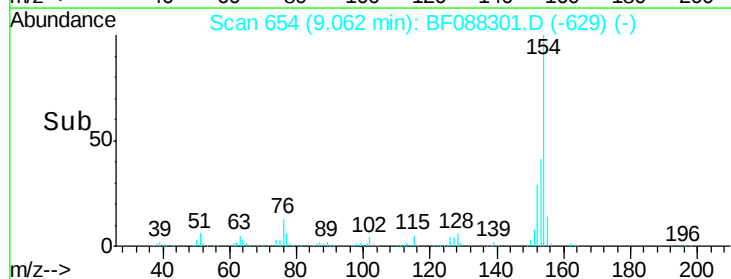
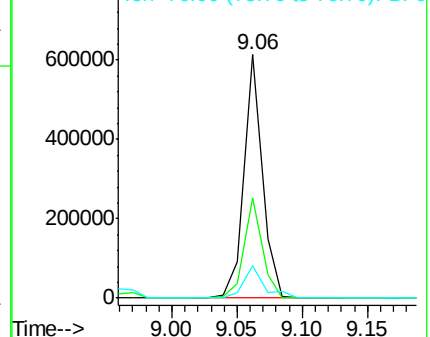
76 13.1 0.0 35.1

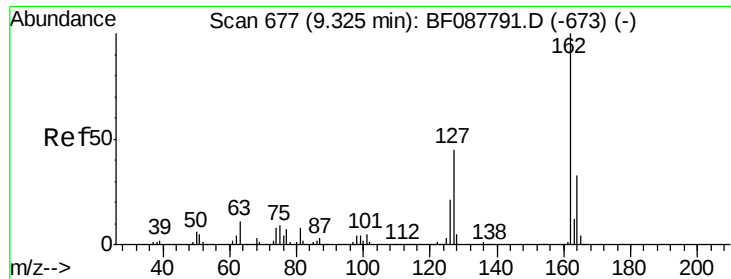


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

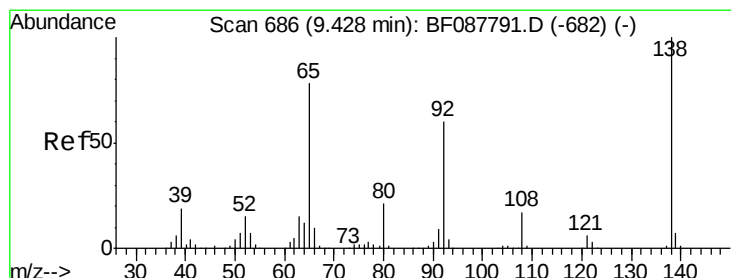
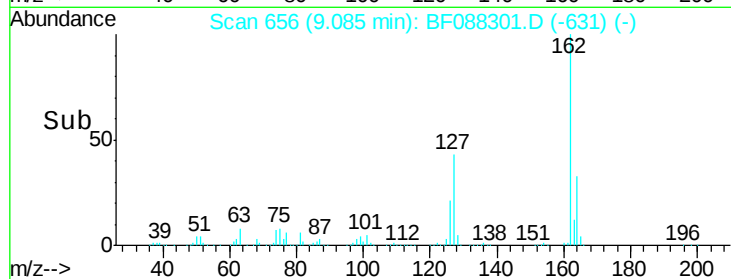
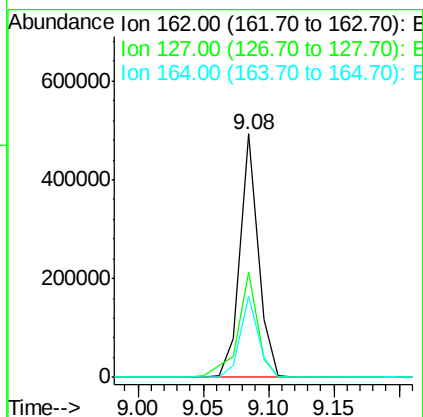
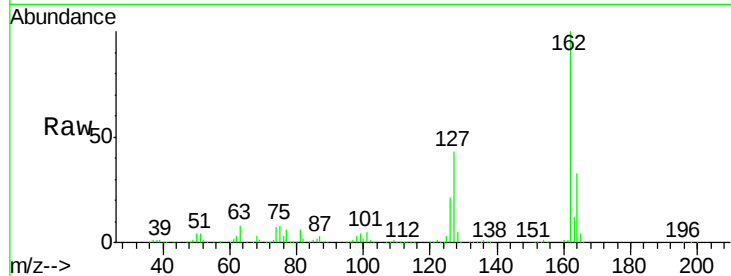




#46
 2-Chloronaphthalene
 Concen: 41.32 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

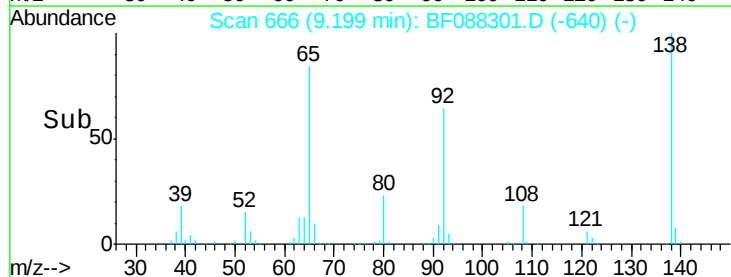
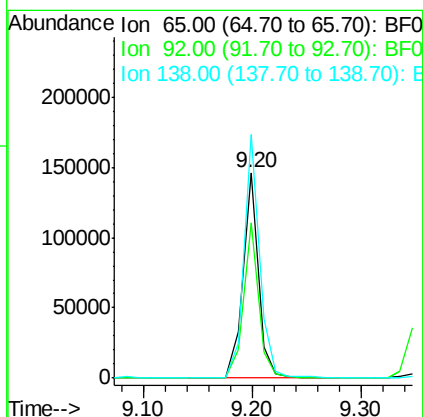
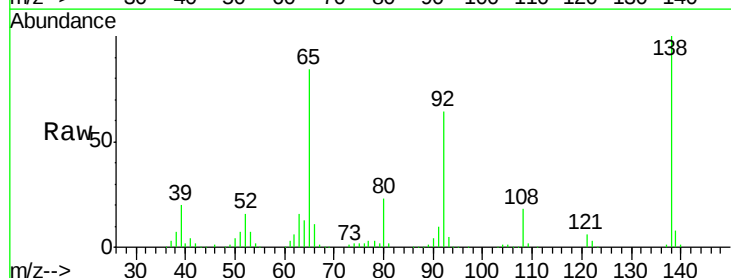
Instrument :
 BNA_F
 ClientSampleId :

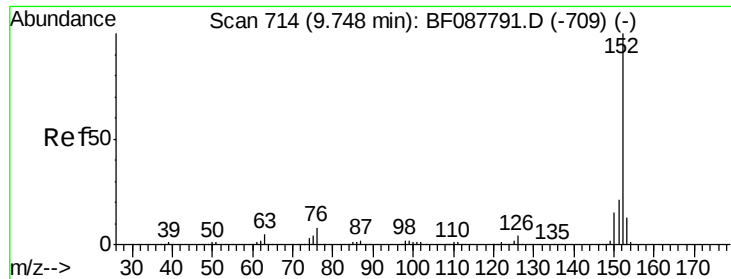
Tgt Ion: 162 Resp: 479838
 Ion Ratio Lower Upper
 162 100
 127 43.3 35.2 52.8
 164 33.3 26.6 39.8



#47
 2-Nitroaniline
 Concen: 41.43 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Tgt Ion: 65 Resp: 141945
 Ion Ratio Lower Upper
 65 100
 92 75.4 54.6 82.0
 138 118.6 77.0 115.4#





#48

Acenaphthylene

Concen: 39.75 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

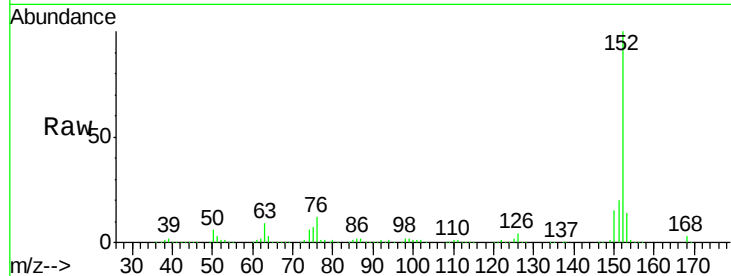
Tgt Ion:152 Resp: 734265

Ion Ratio Lower Upper

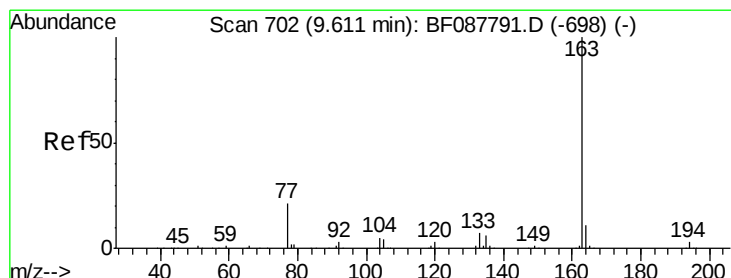
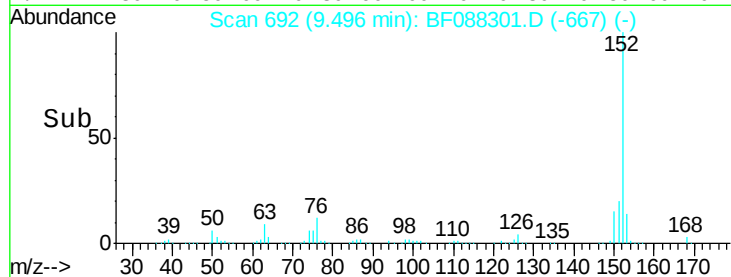
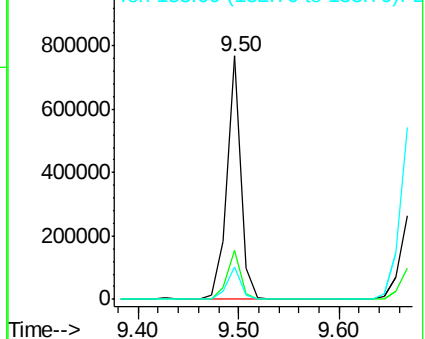
152 100

151 20.4 16.2 24.4

153 13.5 11.0 16.6



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



#49

Dimethylphthalate

Concen: 48.51 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

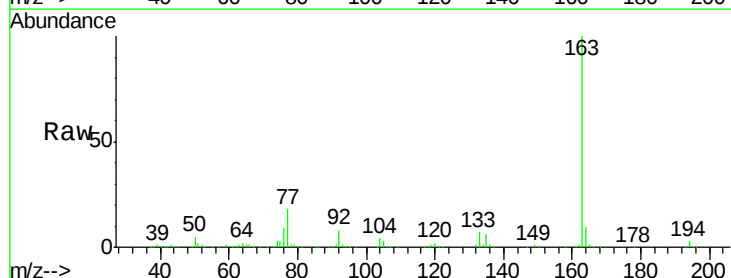
Tgt Ion:163 Resp: 630690

Ion Ratio Lower Upper

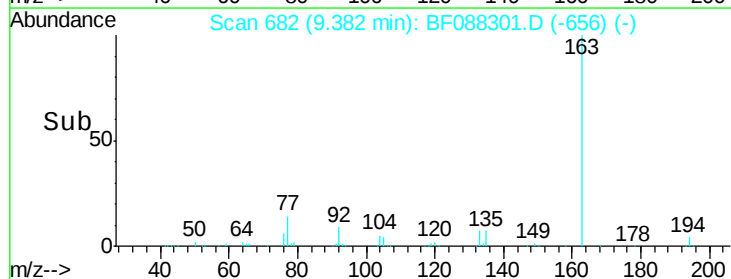
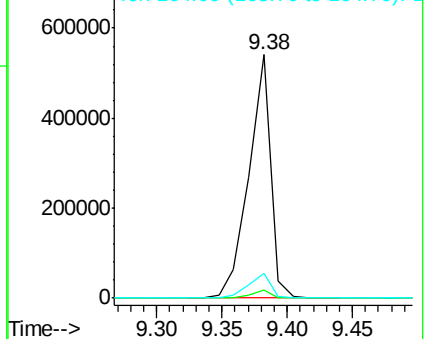
163 100

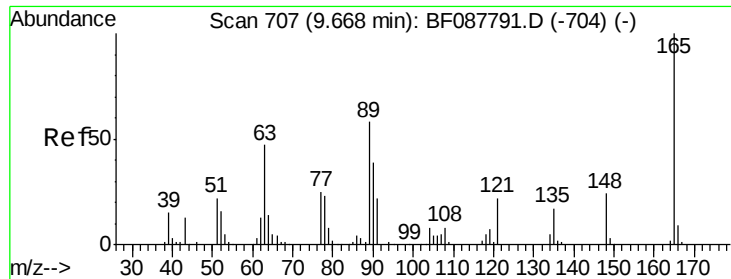
194 3.4 2.8 4.2

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

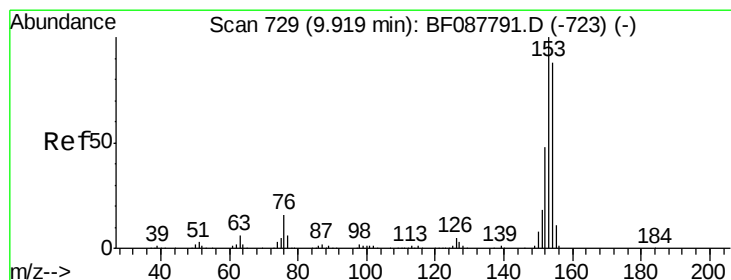
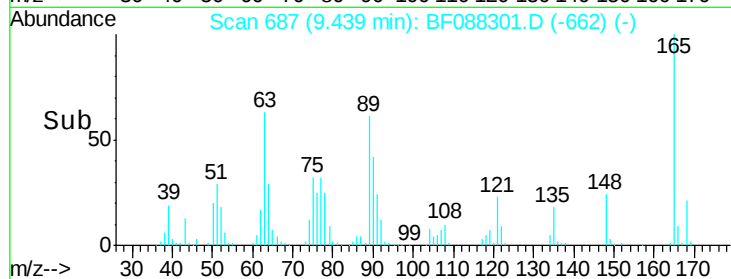
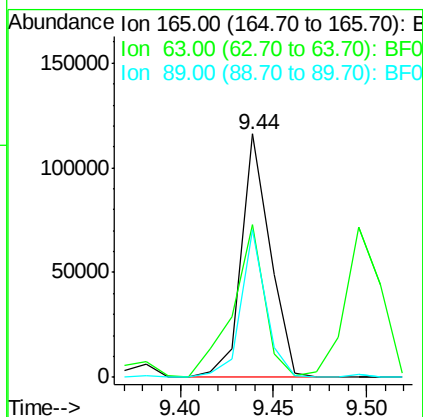
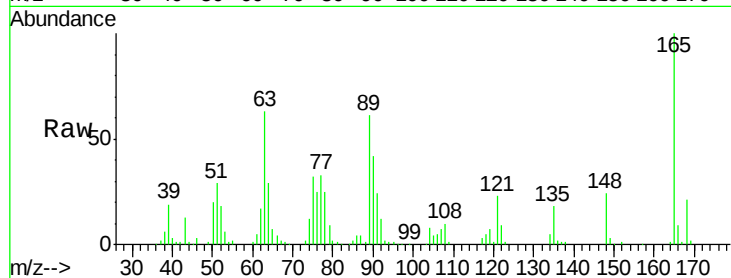




#50
2,6-Dinitrotoluene
Concen: 42.24 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

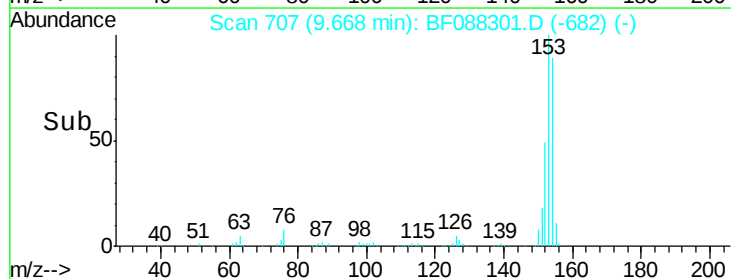
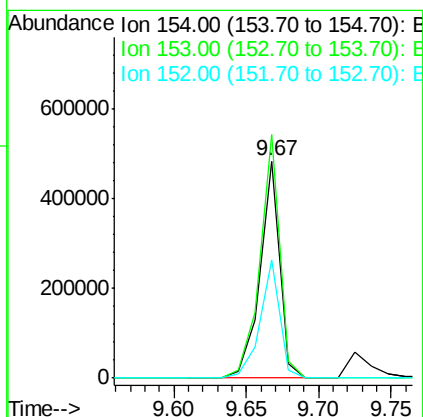
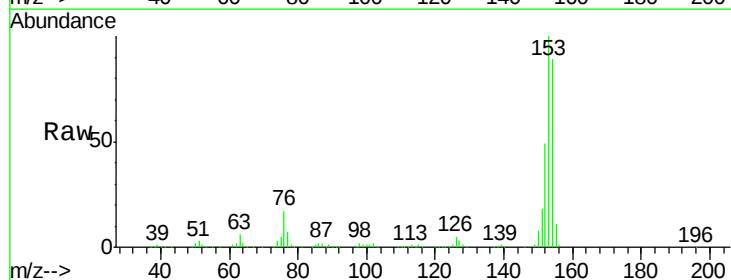
Instrument :
BNA_F
ClientSampleId :

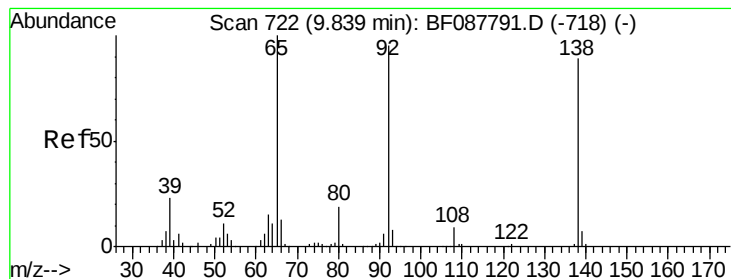
Tgt Ion:165 Resp: 125748
Ion Ratio Lower Upper
165 100
63 62.8 28.1 42.1#
89 60.5 32.2 48.2#



#51
Acenaphthene
Concen: 39.47 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Tgt Ion:154 Resp: 454818
Ion Ratio Lower Upper
154 100
153 112.1 89.5 134.3
152 54.4 42.7 64.1





#52

3-Nitroaniline

Concen: 23.80 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

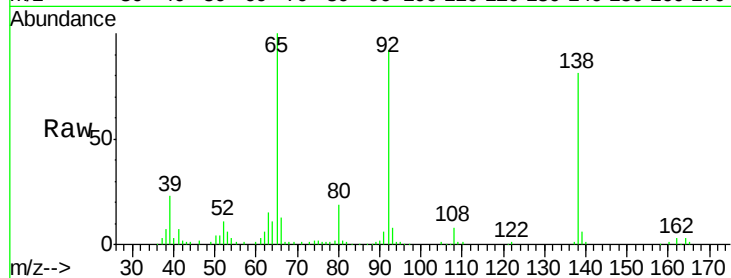
Tgt Ion:138 Resp: 81763

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

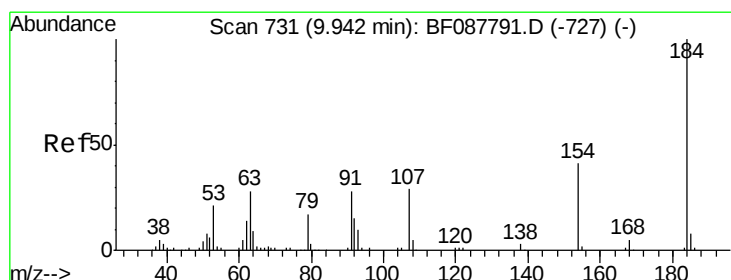
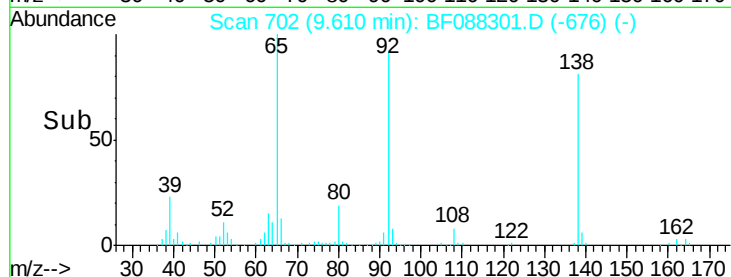
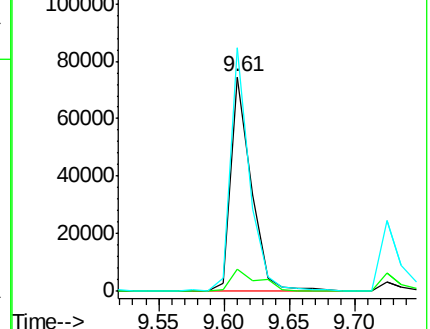
92 113.6 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 72.63 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

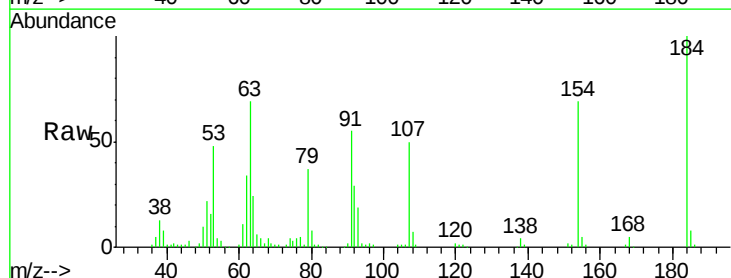
Tgt Ion:184 Resp: 115644

Ion Ratio Lower Upper

184 100

63 68.8 57.6 86.4

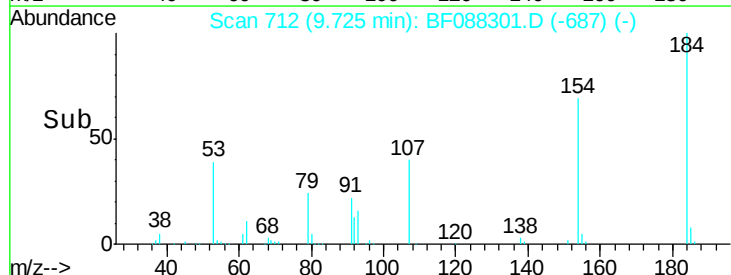
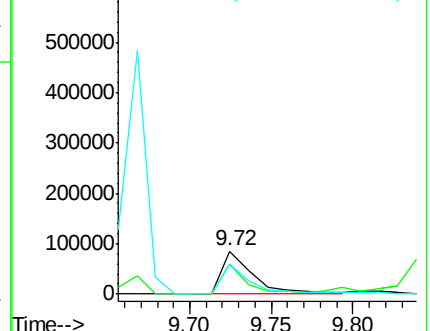
154 68.5 53.5 80.3

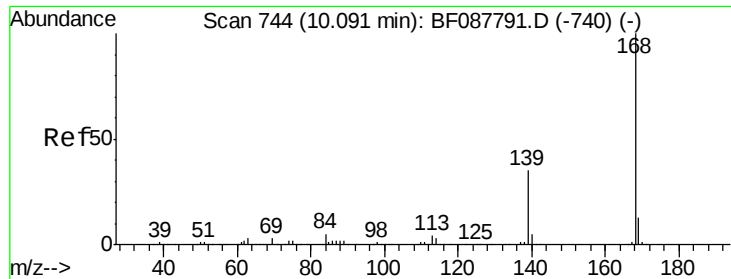


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 39.25 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

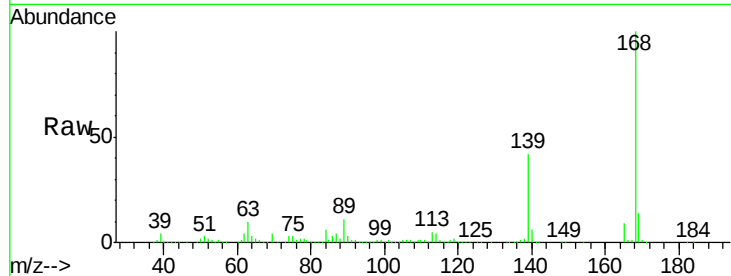
Tgt Ion:168 Resp: 622991

Ion Ratio Lower Upper

168 100

139 42.0 26.4 39.6#

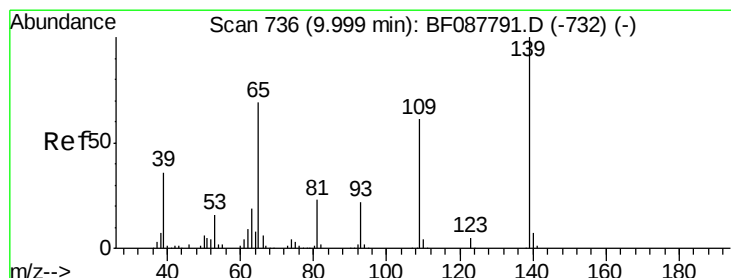
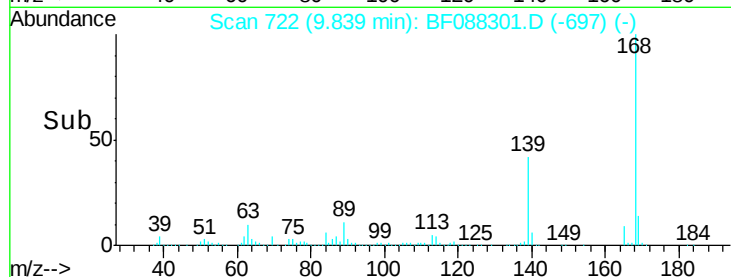
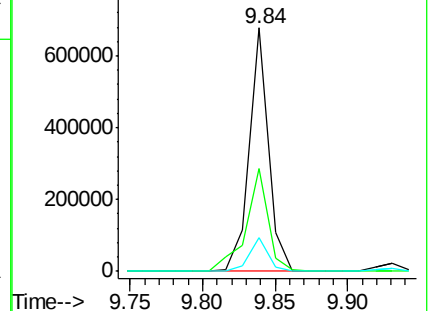
169 13.8 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 28.99 ng m

RT: 9.83 min Scan# 721

Delta R.T. 0.02 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

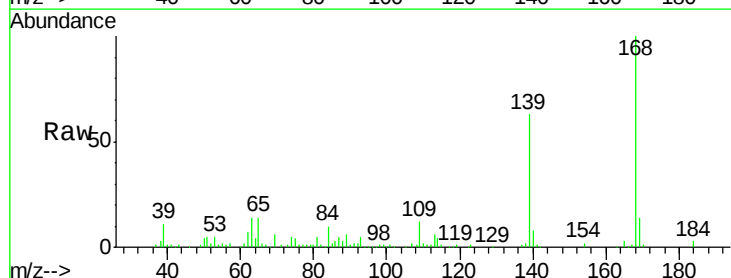
Tgt Ion:139 Resp: 77300

Ion Ratio Lower Upper

139 100

109 19.5 48.9 88.9#

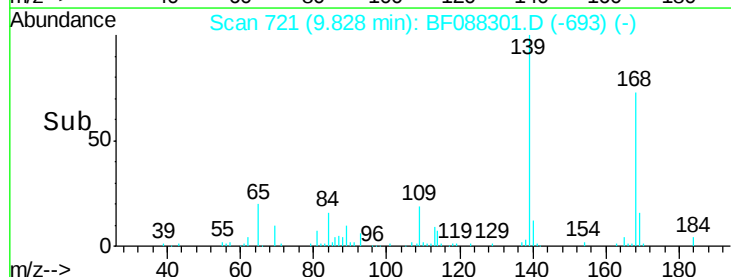
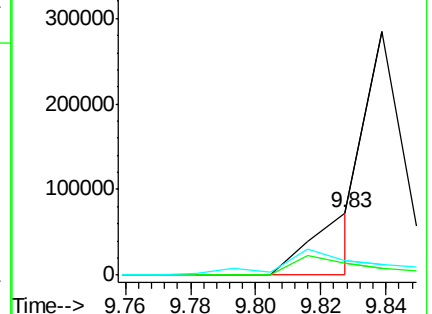
65 22.8 84.9 124.9#

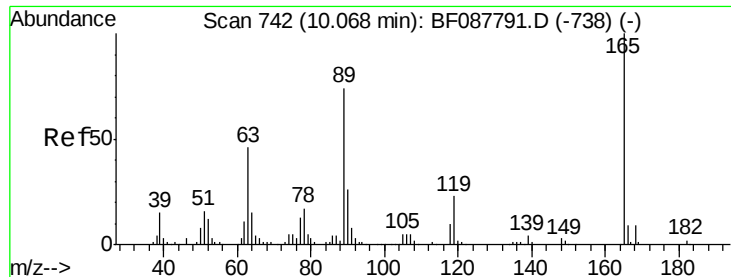


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

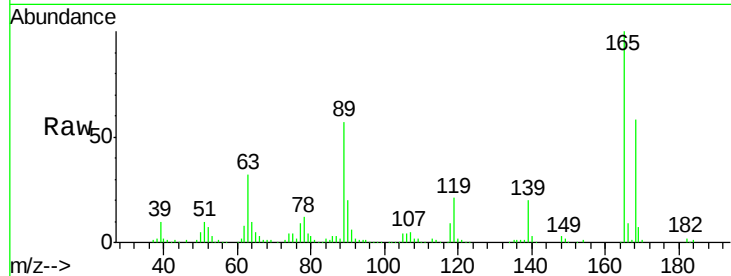




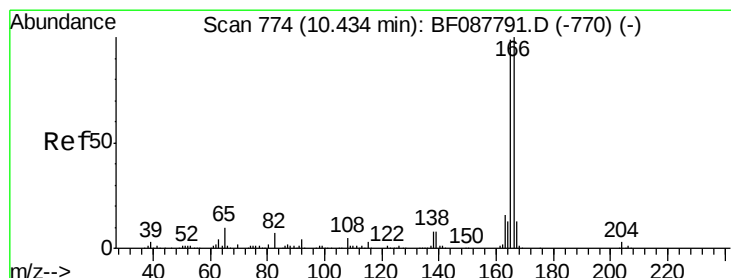
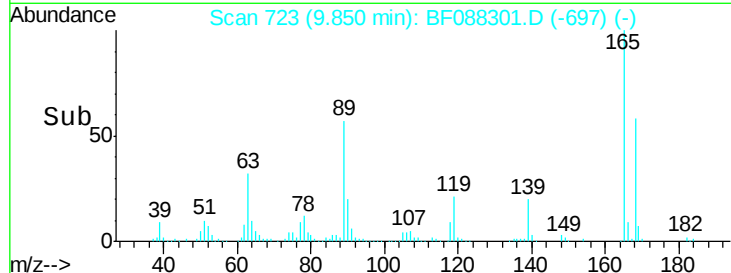
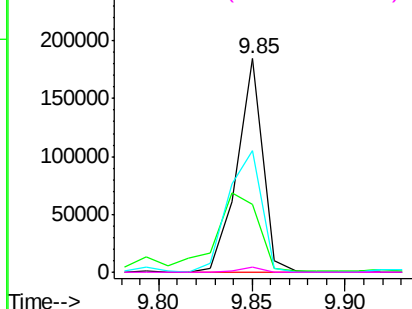
#56
2,4-Dinitrotoluene
Concen: 46.25 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 176979
Ion Ratio Lower Upper
165 100
63 31.5 22.0 33.0
89 56.9 41.1 61.7
182 2.4 2.0 3.0

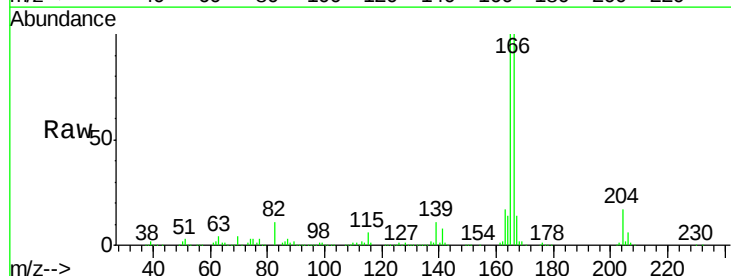


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

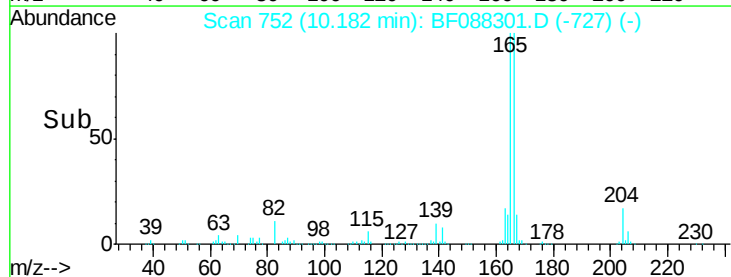
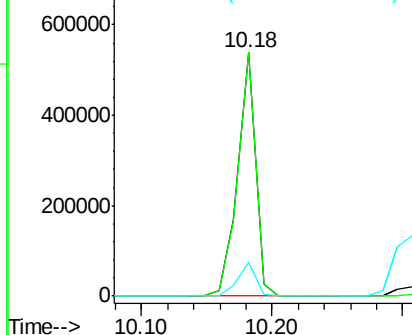


#57
Fluorene
Concen: 48.01 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Tgt Ion:166 Resp: 511437
Ion Ratio Lower Upper
166 100
165 100.0 77.8 116.8
167 13.6 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

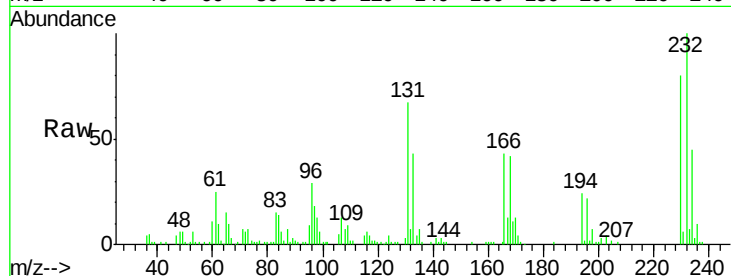




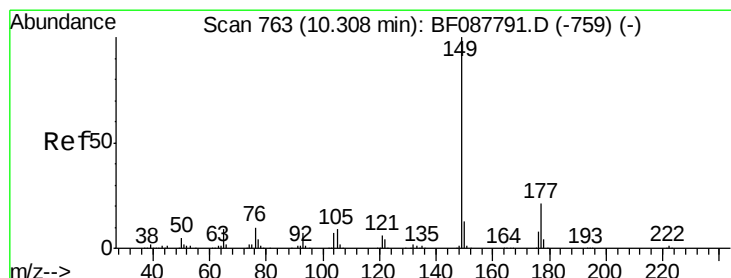
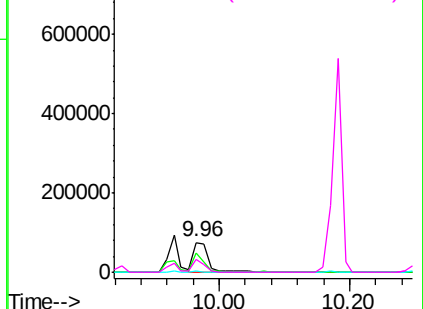
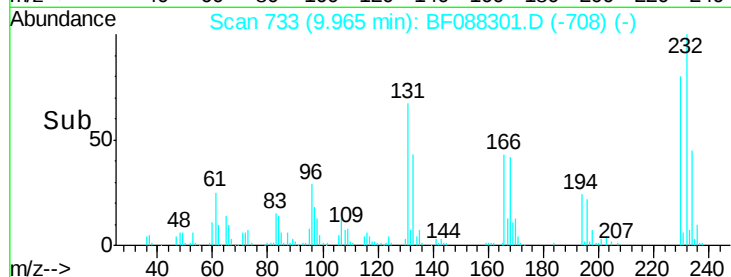
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.27 ng
 RT: 9.96 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 232 Resp: 121115
 Ion Ratio Lower Upper
 232 100
 131 47.8 0.9 1.3#
 130 2.4 1.5 2.3#
 166 31.0 0.5 0.7#

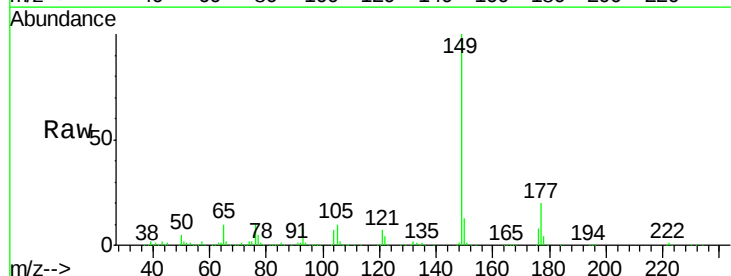


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

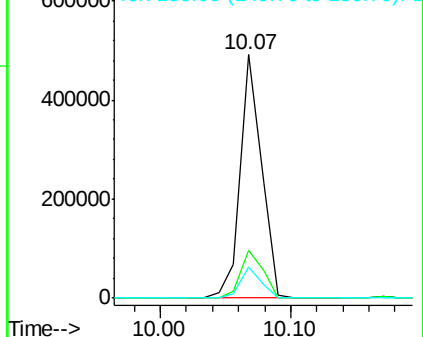
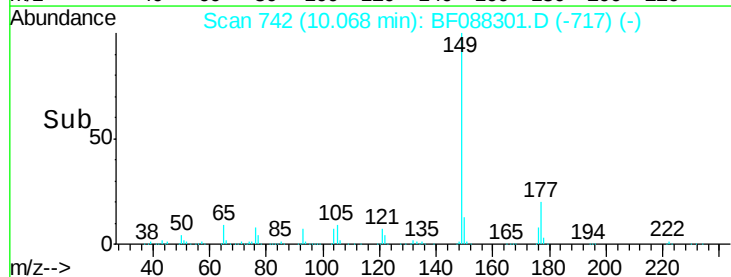


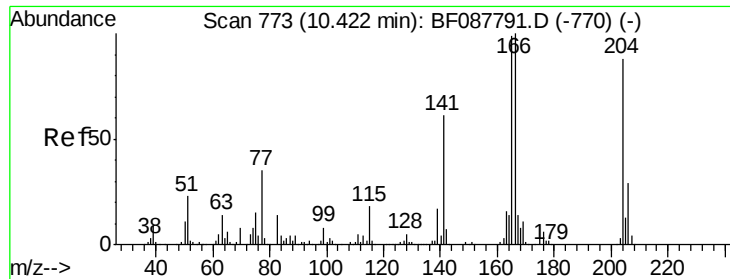
#59
 Diethylphthalate
 Concen: 42.16 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Tgt Ion: 149 Resp: 554807
 Ion Ratio Lower Upper
 149 100
 177 19.5 16.9 25.3
 150 12.8 10.1 15.1



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

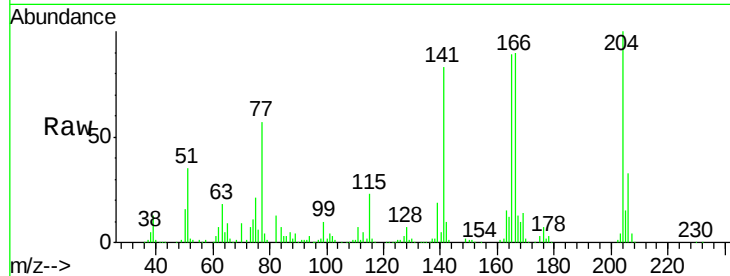




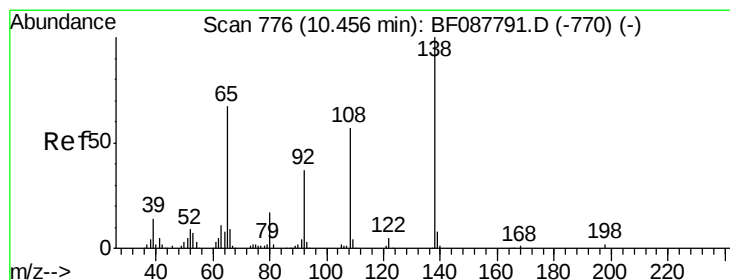
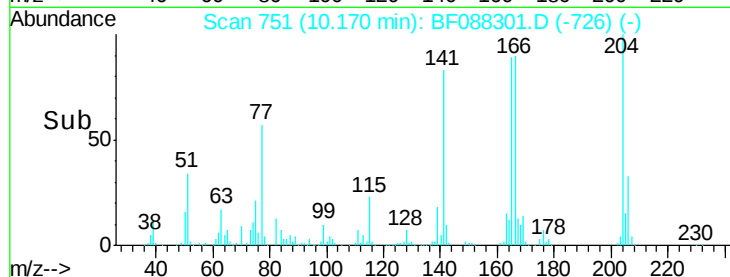
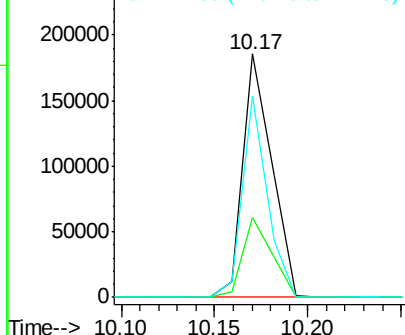
#60
 4-Chlorophenyl-phenylether
 Concen: 37.87 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:204 Resp: 199879
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.3 39.5
 141 82.8 55.0 82.6#

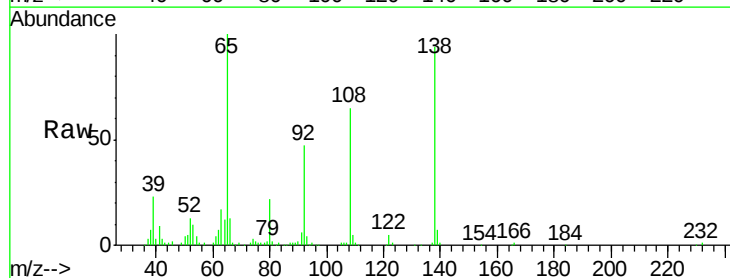


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

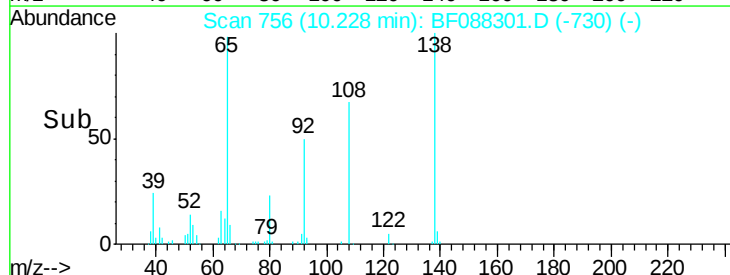
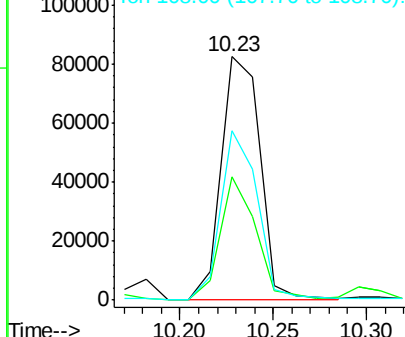


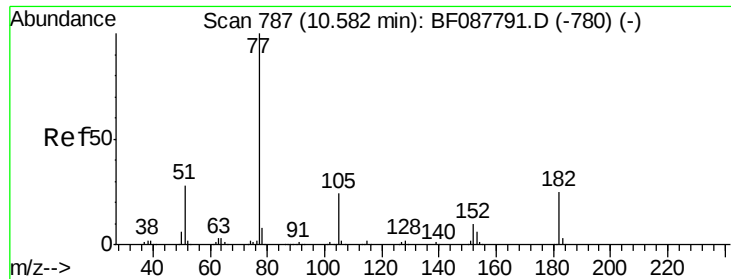
#61
 4-Nitroaniline
 Concen: 36.97 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF088301.D
 Acq: 23 Jun 2016 21:13

Tgt Ion:138 Resp: 120467
 Ion Ratio Lower Upper
 138 100
 92 50.4 27.3 67.3
 108 69.8 46.7 86.7



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





#62

Azobenzene

Concen: 40.89 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 532124

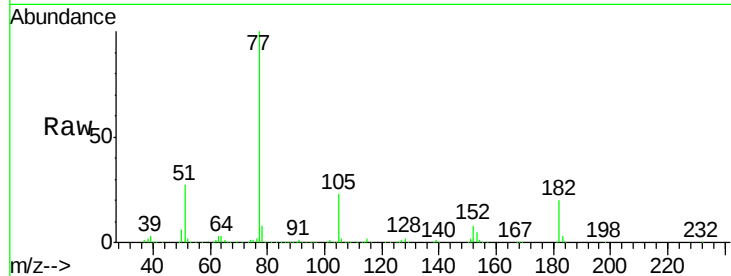
Ion Ratio Lower Upper

77 100

182 20.5 4.4 44.4

105 23.0 3.8 43.8

51 27.3 9.3 49.3

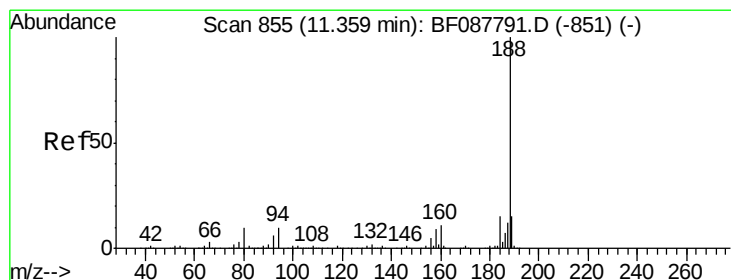
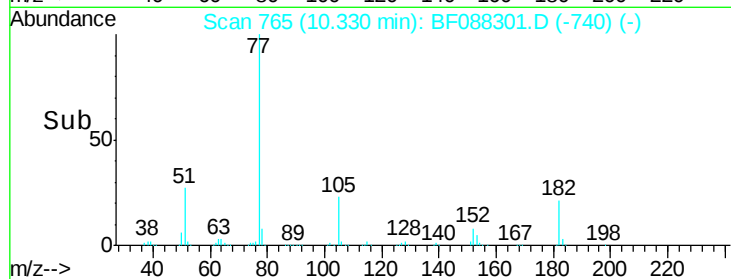
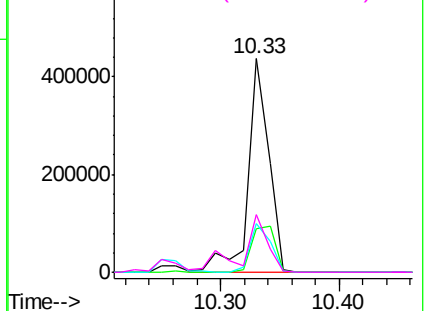


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

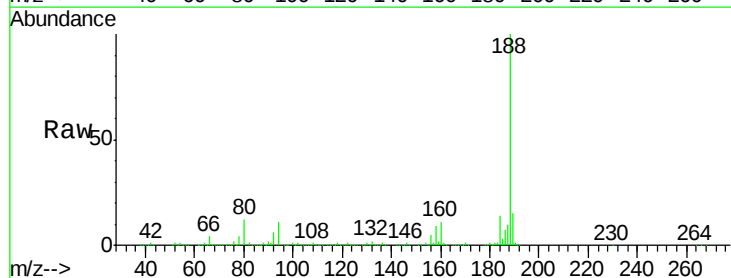
Tgt Ion: 188 Resp: 317171

Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.6

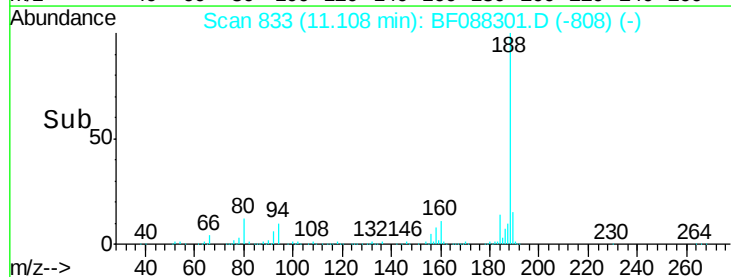
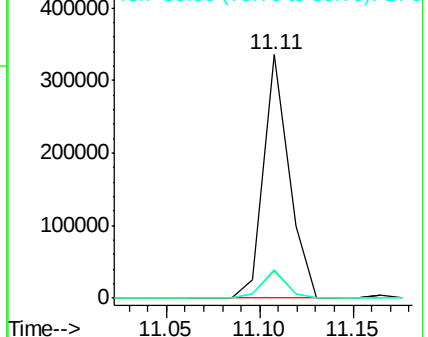
80 11.7 10.0 15.0

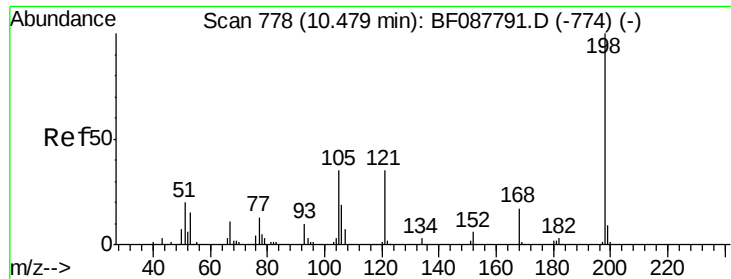


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 43.65 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

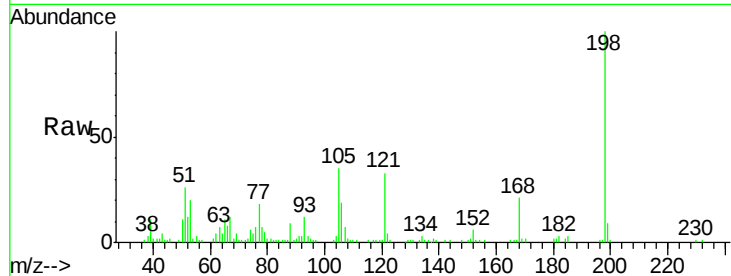
Tgt Ion:198 Resp: 86028

Ion Ratio Lower Upper

198 100

51 26.0 39.6 79.6#

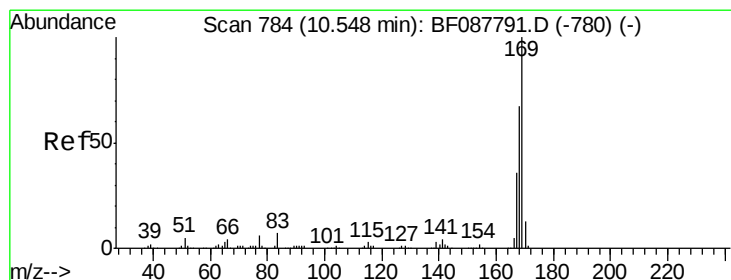
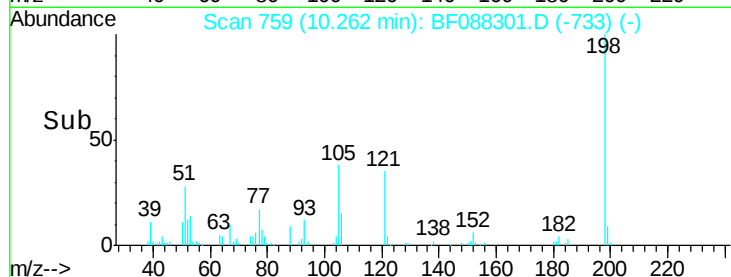
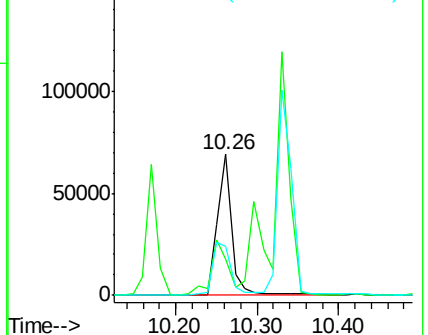
105 35.0 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 45.70 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

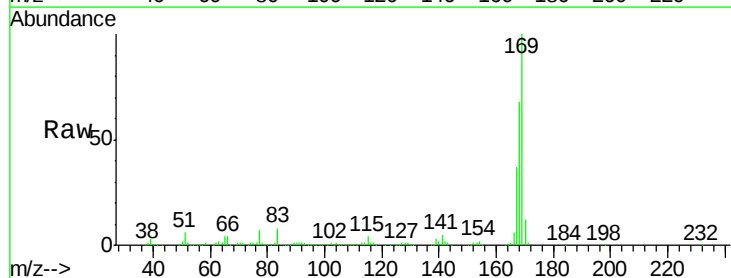
Tgt Ion:169 Resp: 480985

Ion Ratio Lower Upper

169 100

168 68.1 53.4 80.0

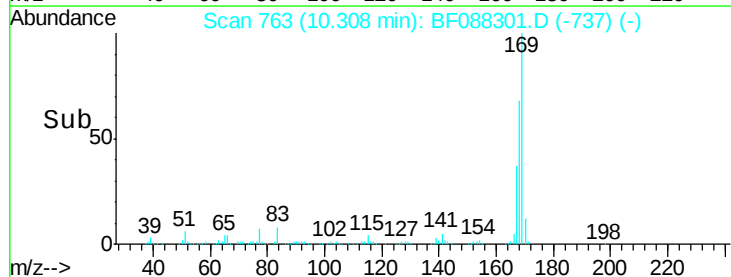
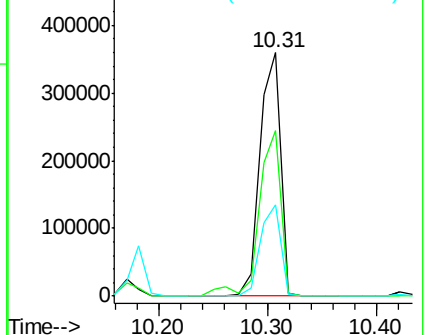
167 37.4 29.4 44.0

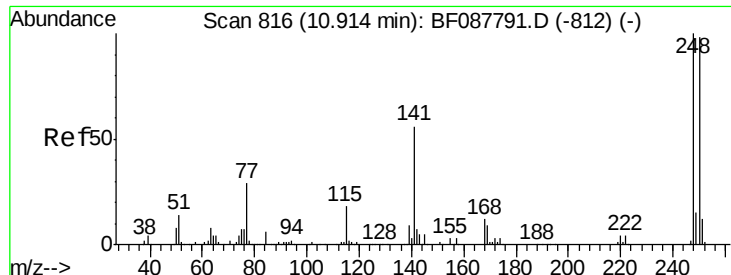


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

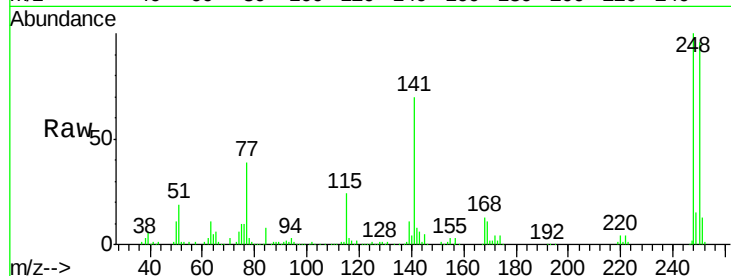




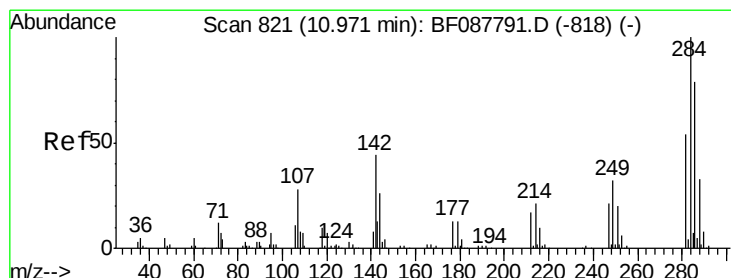
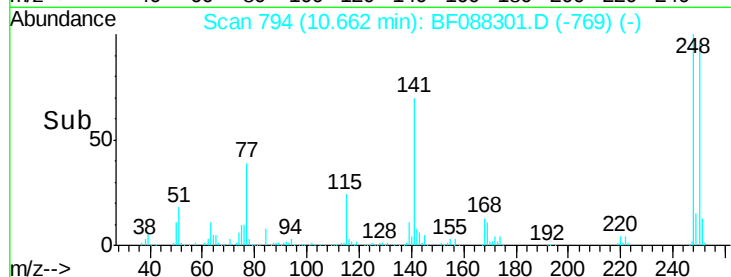
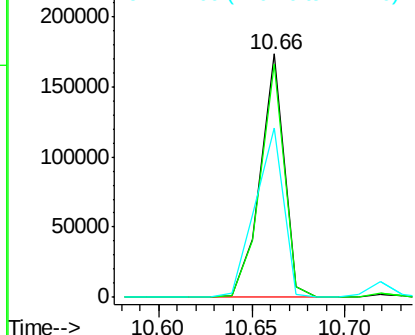
#66
4-Bromophenyl-phenylether
Concen: 45.10 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 153452
Ion Ratio Lower Upper
248 100
250 95.6 77.1 115.7
141 69.5 50.6 76.0

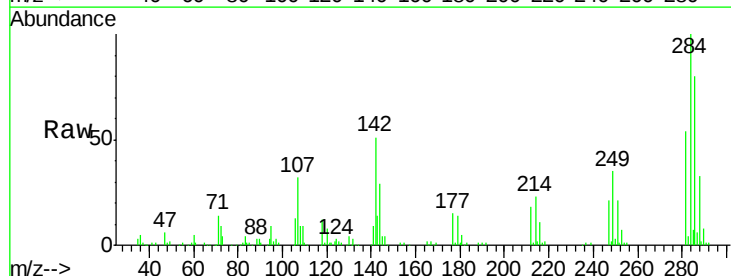


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

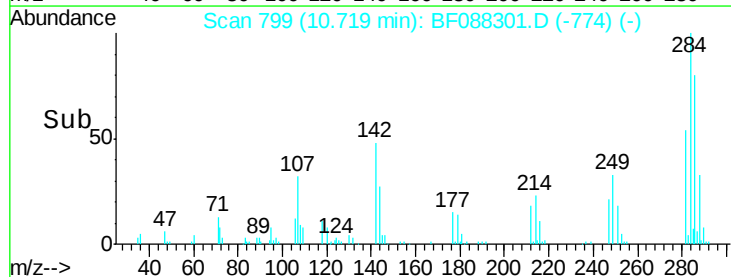
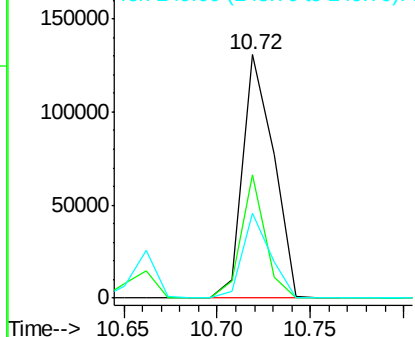


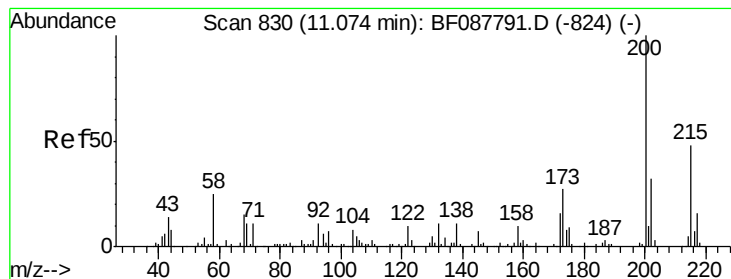
#67
Hexachlorobenzene
Concen: 42.48 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Tgt Ion:284 Resp: 150175
Ion Ratio Lower Upper
284 100
142 50.8 35.8 53.8
249 34.6 25.8 38.6



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





#68

Atrazine

Concen: 35.30 ng

RT: 10.83 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampled :

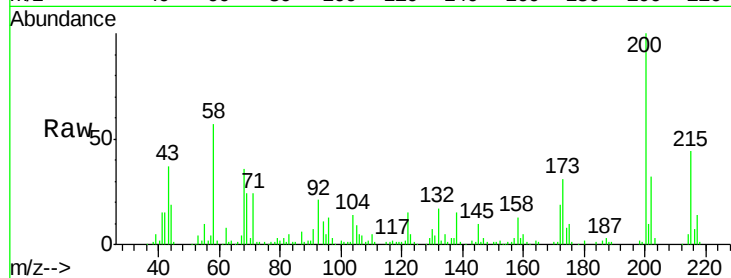
Tgt Ion:200 Resp: 112484

Ion Ratio Lower Upper

200 100

173 30.6 4.0 44.0

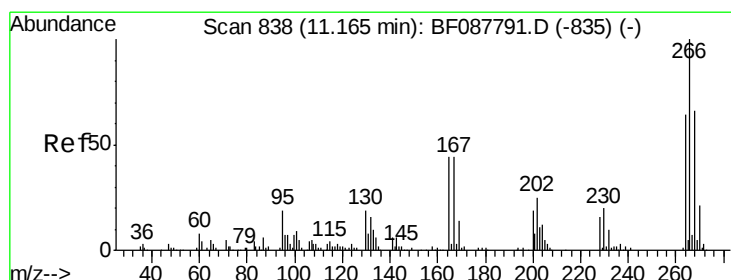
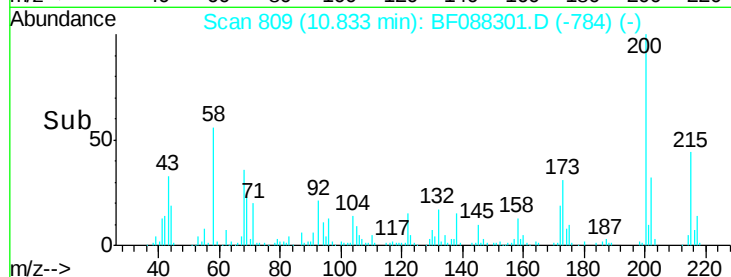
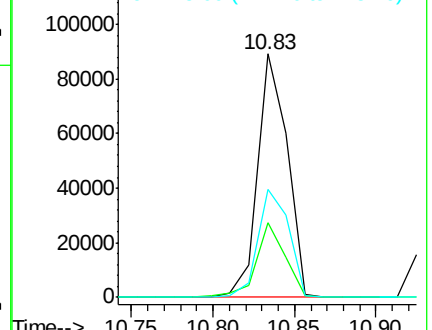
215 44.5 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 71.58 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

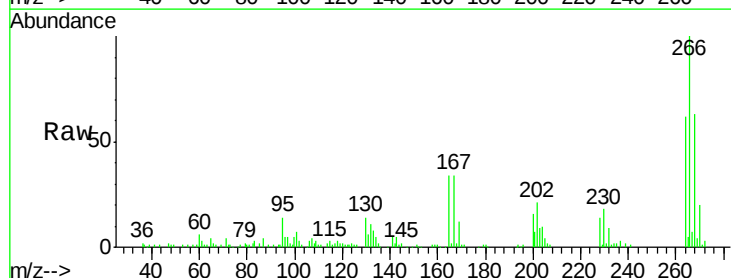
Tgt Ion:266 Resp: 133400

Ion Ratio Lower Upper

266 100

268 63.4 52.8 79.2

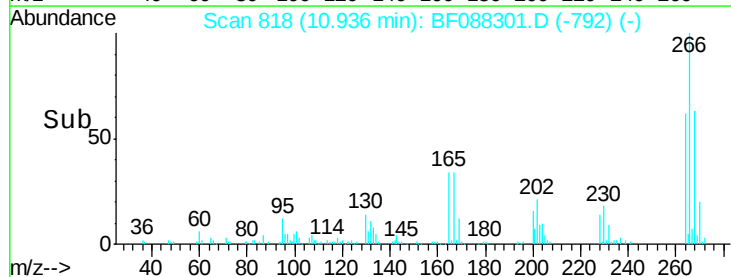
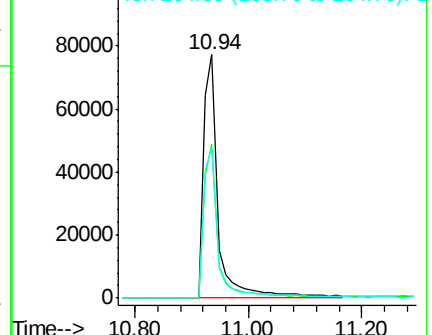
264 61.6 49.6 74.4

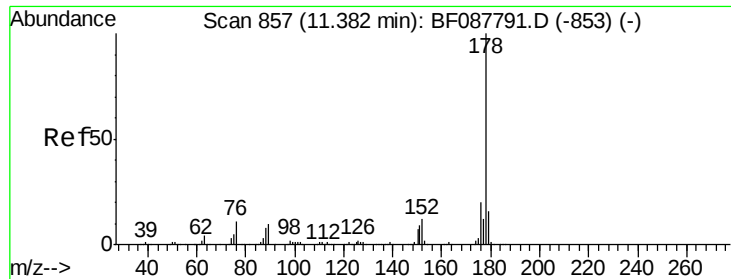


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 44.15 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

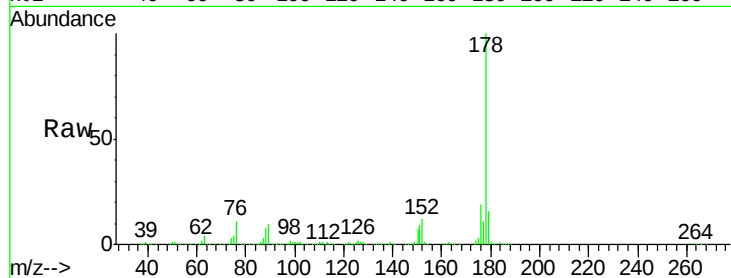
Tgt Ion:178 Resp: 734834

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

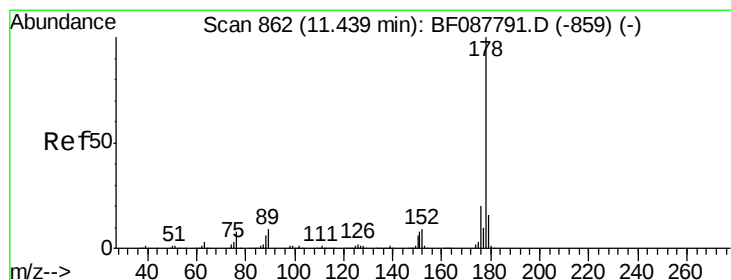
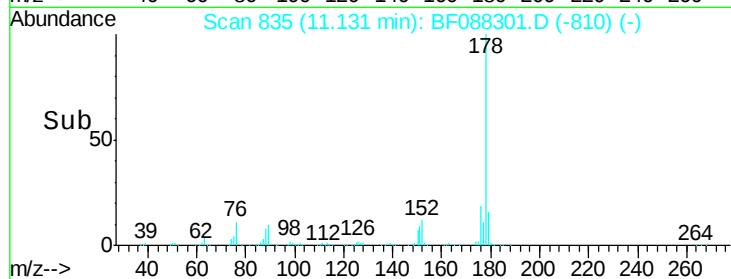
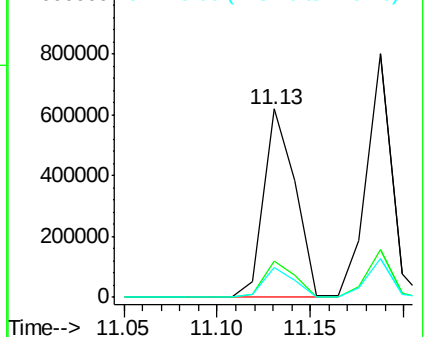
179 15.6 13.0 19.4



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: 43.91 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

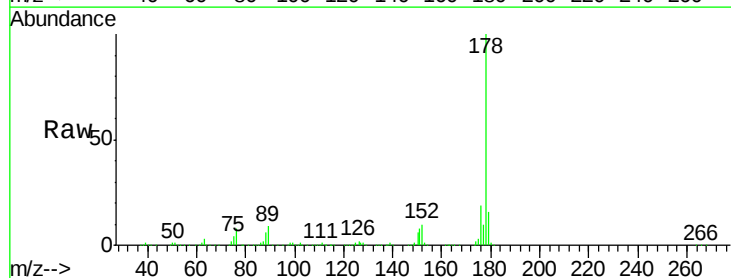
Tgt Ion:178 Resp: 737177

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

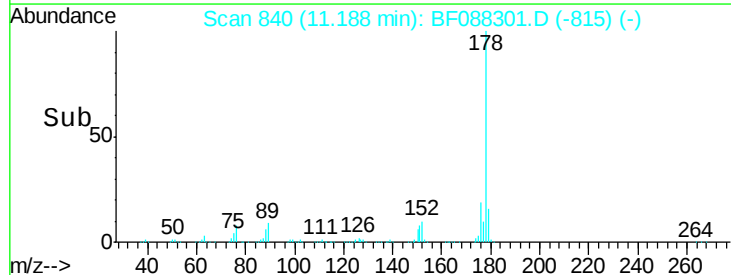
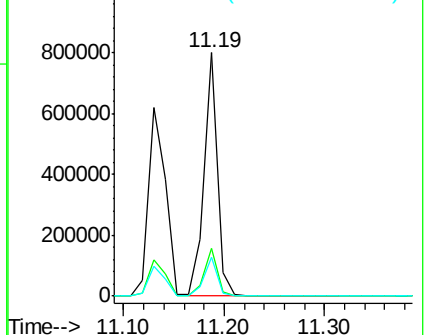
179 15.8 12.8 19.2

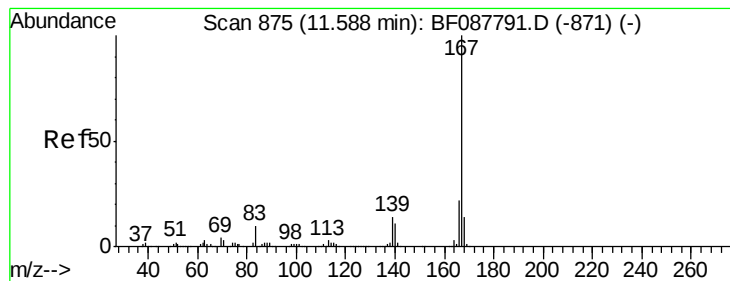


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 44.56 ng

RT: 11.35 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

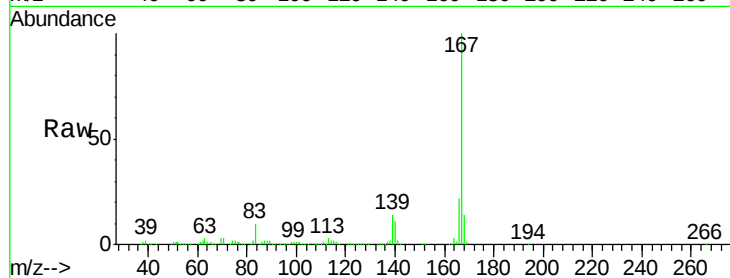
Tgt Ion:167 Resp: 700085

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

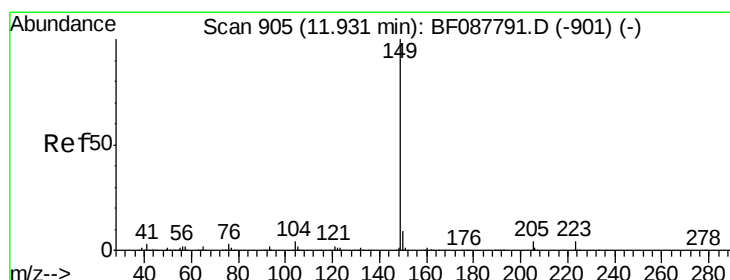
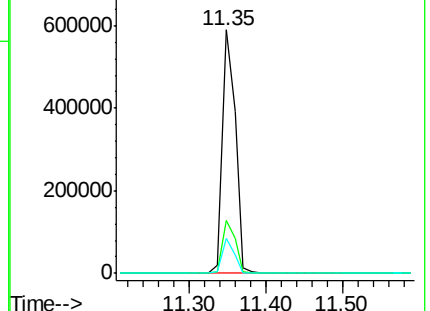
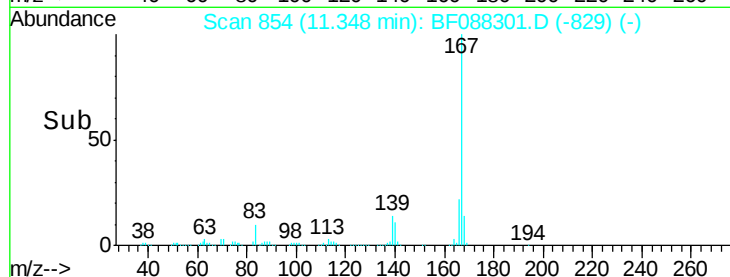
139 14.3 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.51 ng

RT: 11.68 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

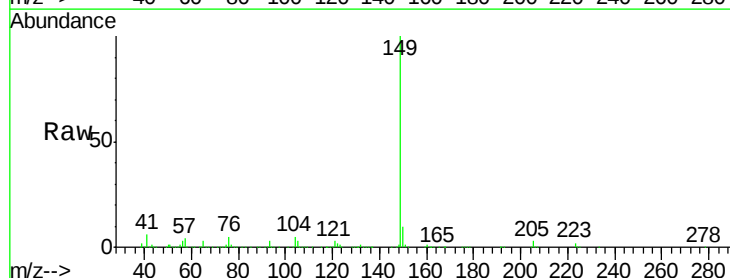
Tgt Ion:149 Resp: 825567

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

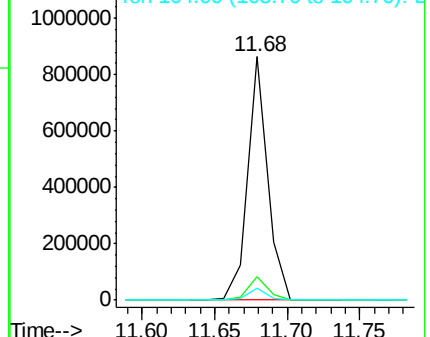
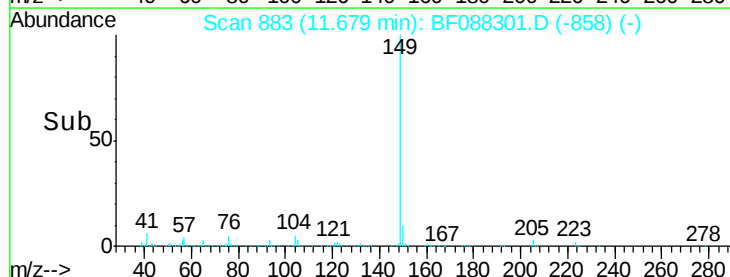
104 5.0 4.0 6.0

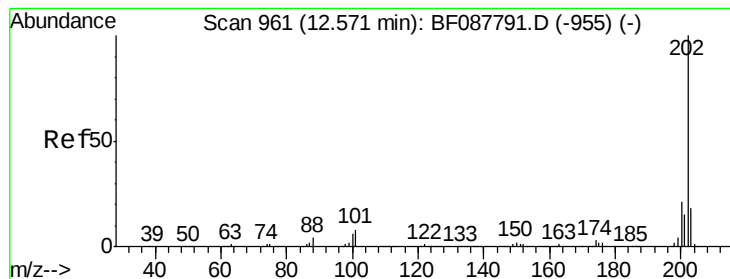


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 42.73 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

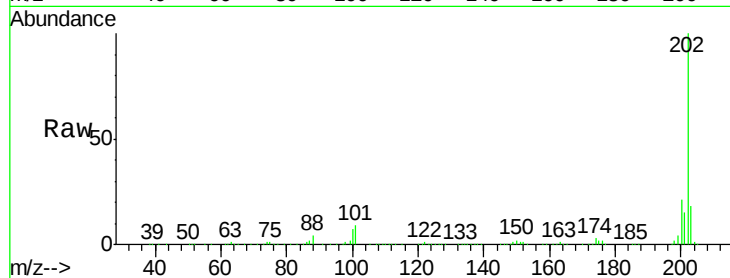
Tgt Ion:202 Resp: 750510

Ion Ratio Lower Upper

202 100

101 9.1 0.0 33.1

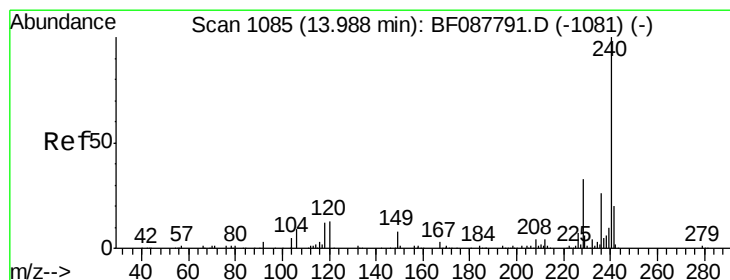
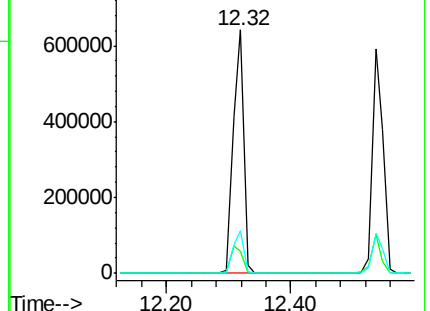
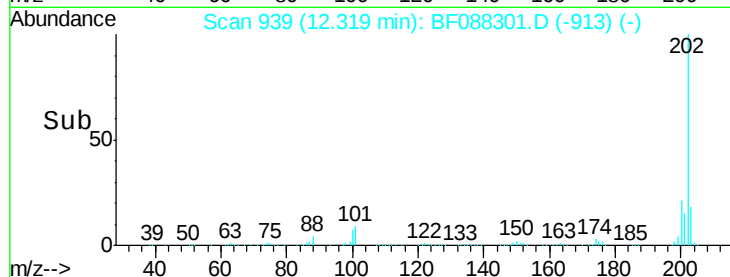
203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

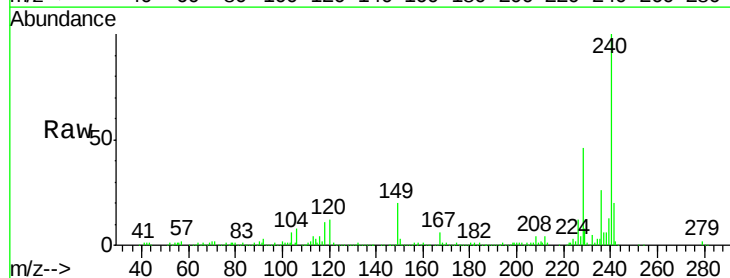
Tgt Ion:240 Resp: 196838

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

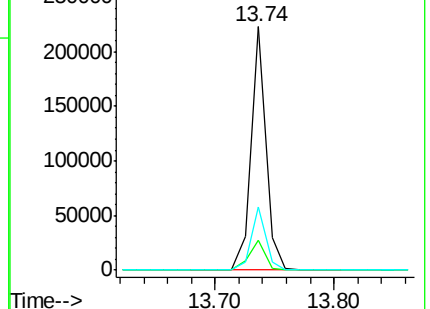
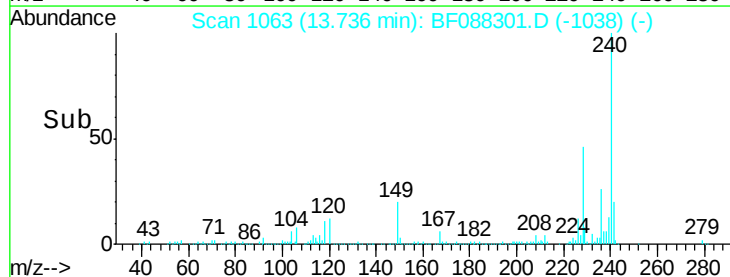
236 26.0 20.2 30.2

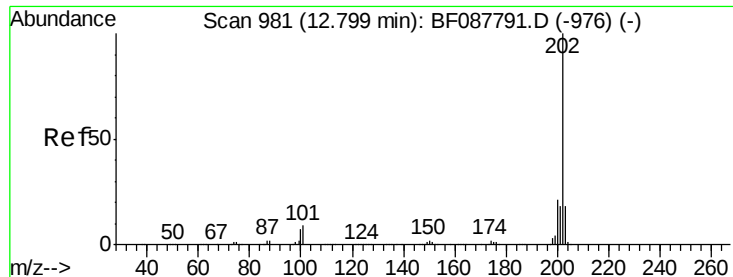


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 48.08 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

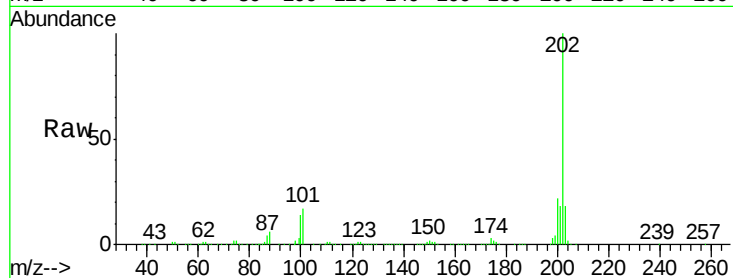
Tgt Ion:202 Resp: 702344

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

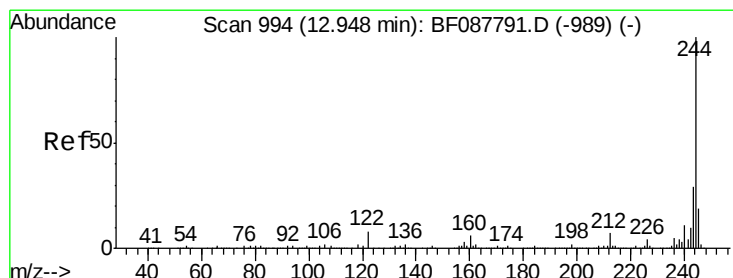
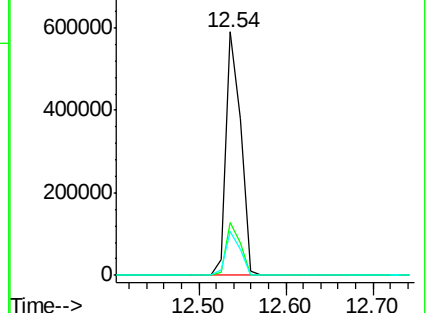
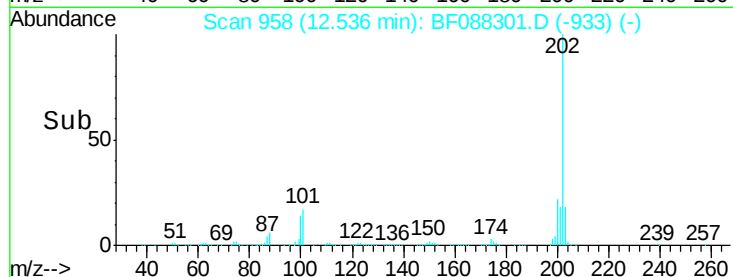
203 17.9 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.44 ng

RT: 12.68 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

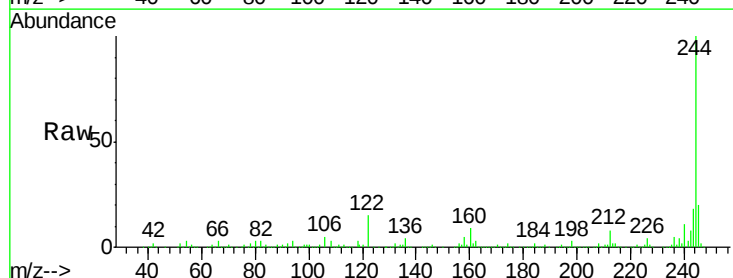
Tgt Ion:244 Resp: 747752

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

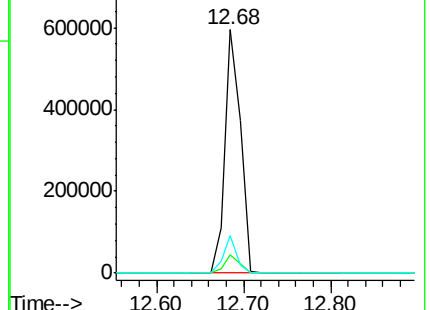
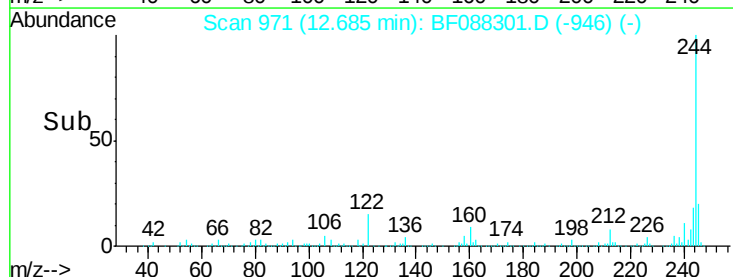
122 15.2 11.2 16.8

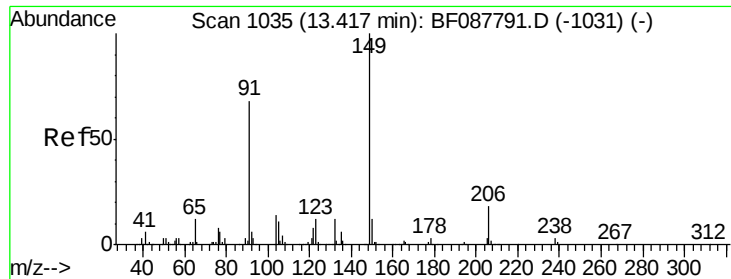


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

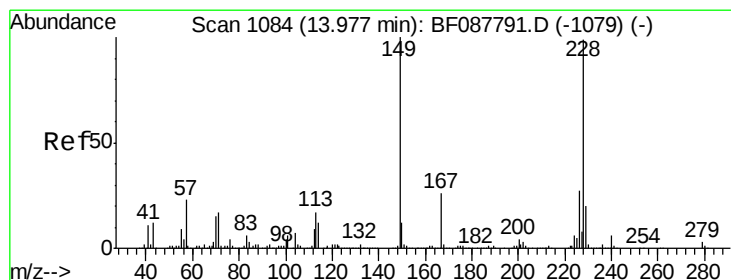
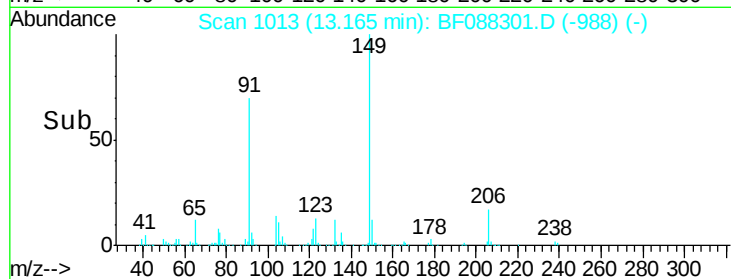
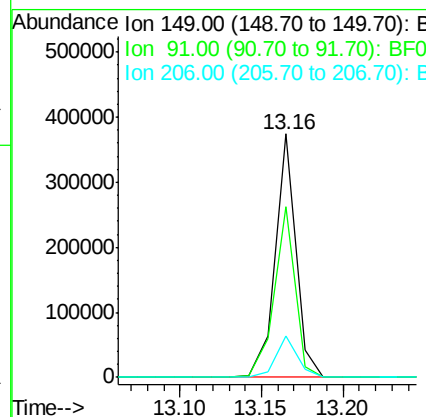
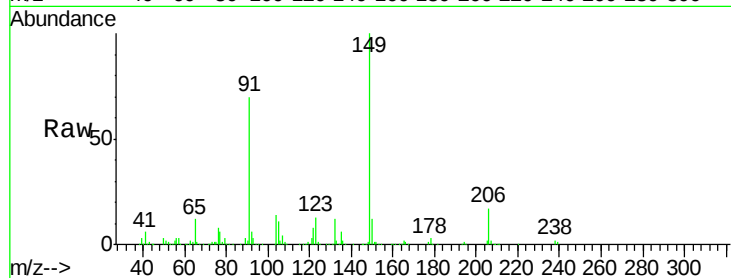




#79
Butylbenzylphthalate
Concen: 51.30 ng
RT: 13.16 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

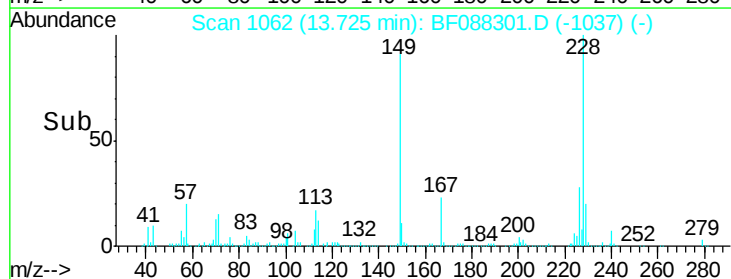
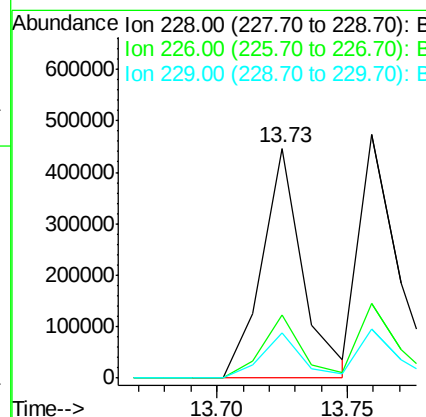
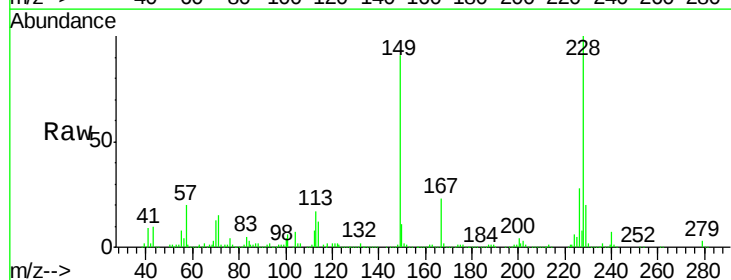
Instrument :
BNA_F
ClientSampled :

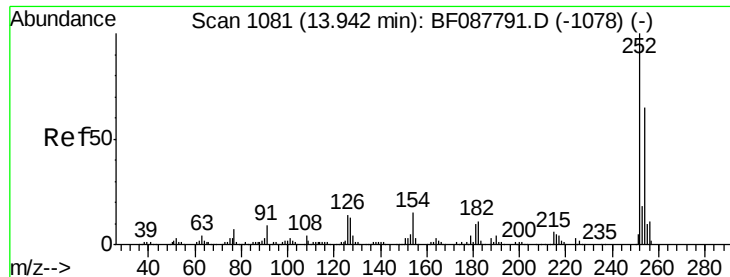
Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.2	48.0	72.0
206	16.8	16.0	24.0



#80
Benzo(a)anthracene
Concen: 43.30 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.3	33.5
229	19.8	16.0	24.0





#81

3,3'-Dichlorobenzidine

Concen: 12.34 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

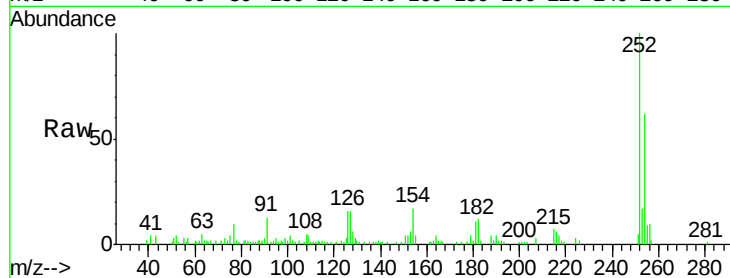
Tgt Ion:252 Resp: 37211

Ion Ratio Lower Upper

252 100

254 61.7 52.6 78.8

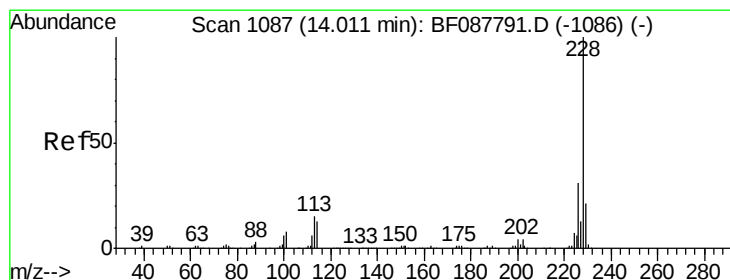
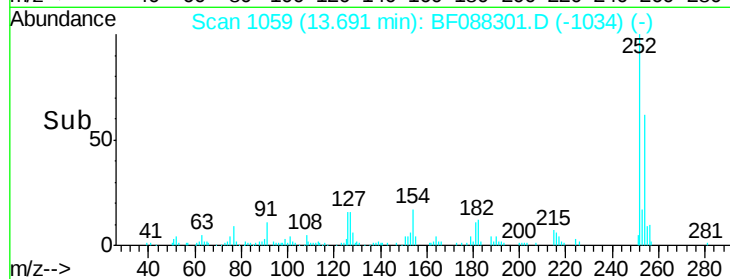
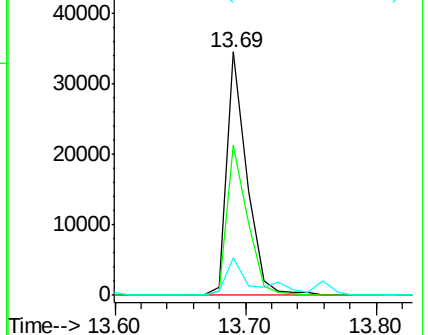
126 15.6 6.2 9.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 44.09 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

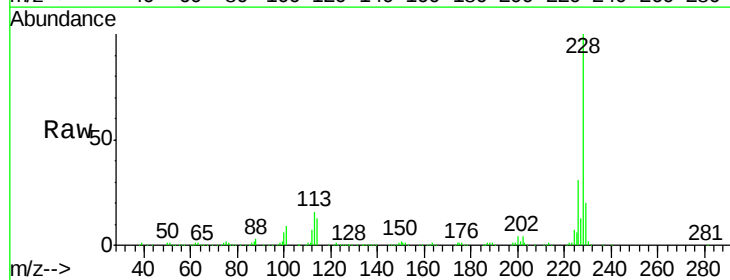
Tgt Ion:228 Resp: 465301

Ion Ratio Lower Upper

228 100

226 30.6 25.4 38.2

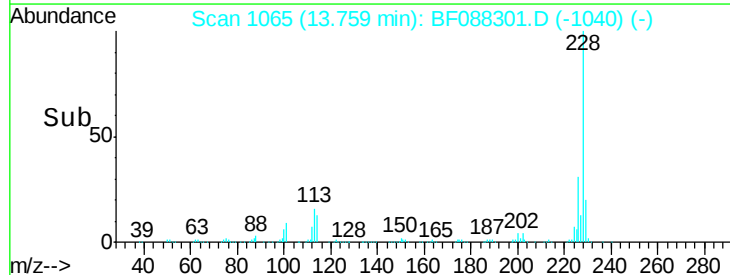
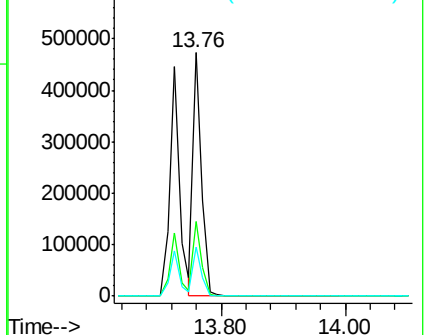
229 20.2 16.3 24.5

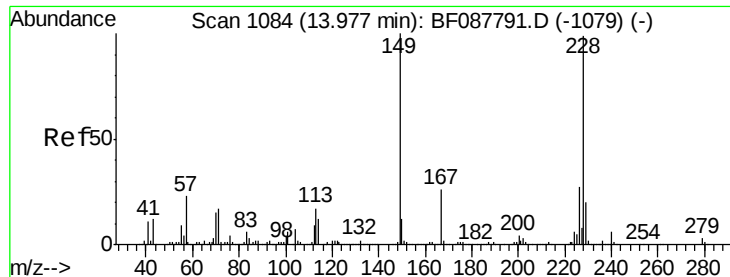


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.99 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

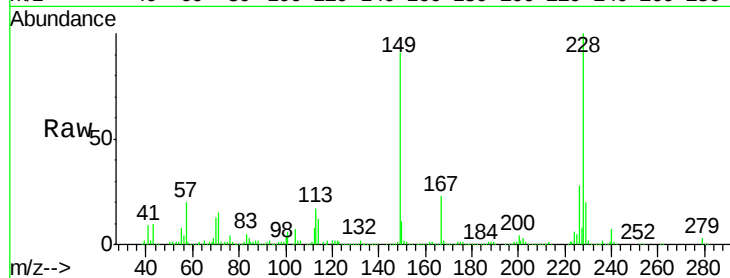
Tgt Ion:149 Resp: 377235

Ion Ratio Lower Upper

149 100

167 25.1 20.5 30.7

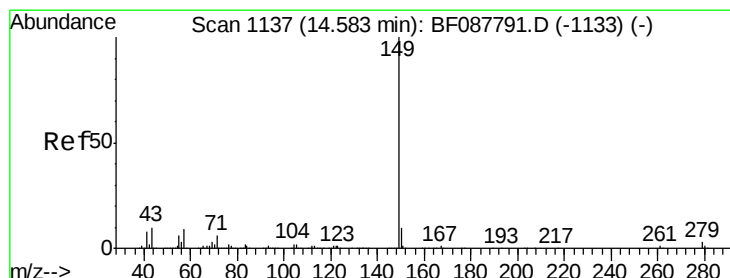
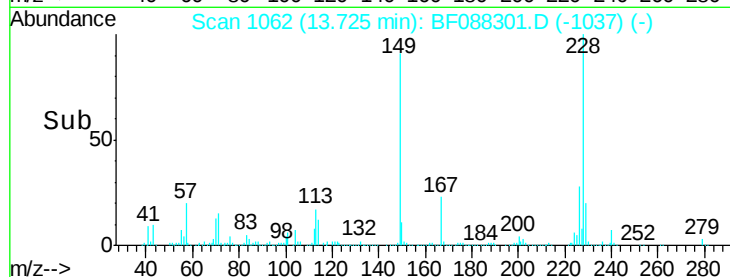
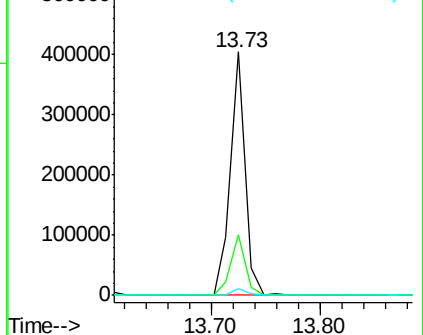
279 3.0 2.0 3.0



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: 50.47 ng

RT: 14.33 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

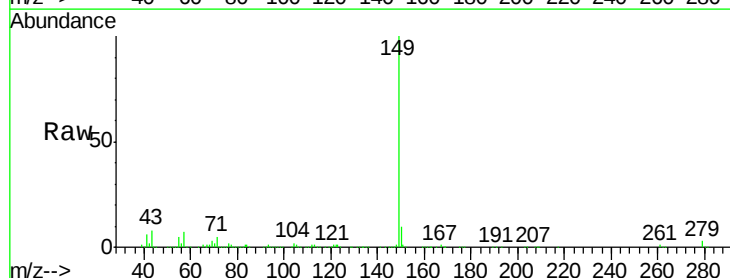
Tgt Ion:149 Resp: 644722

Ion Ratio Lower Upper

149 100

167 1.8 0.0 0.0#

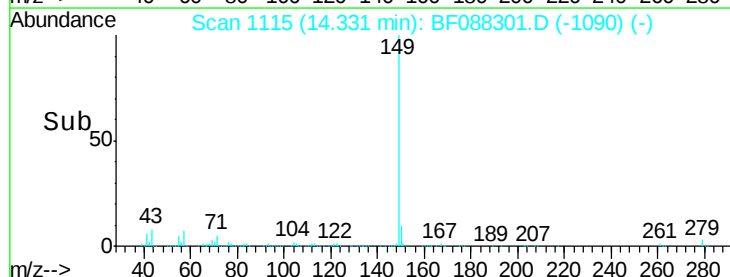
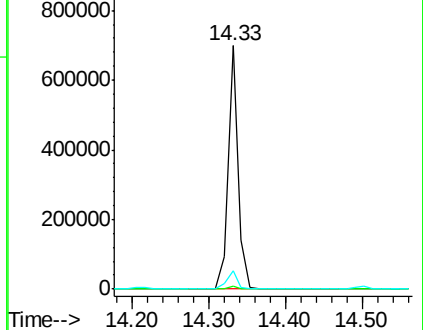
43 8.0 0.0 0.0#

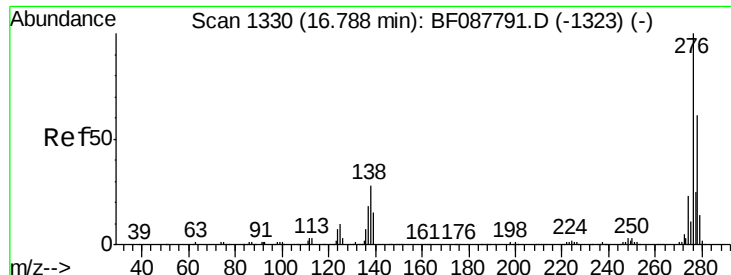


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

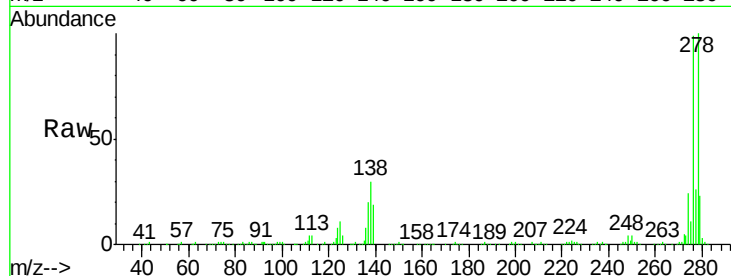




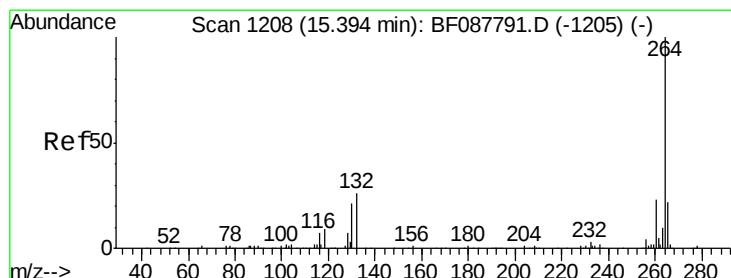
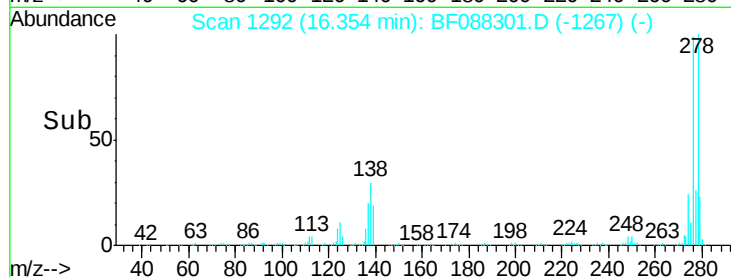
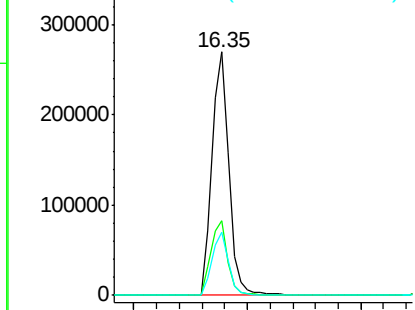
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.16 ng
RT: 16.35 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 276 Resp: 550627
Ion Ratio Lower Upper
276 100
138 30.2 0.0 0.0#
277 25.4 0.0 0.0#

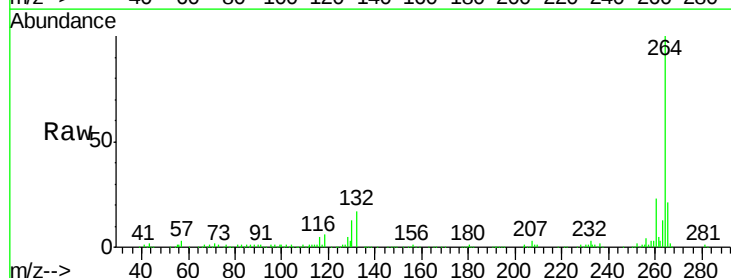


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

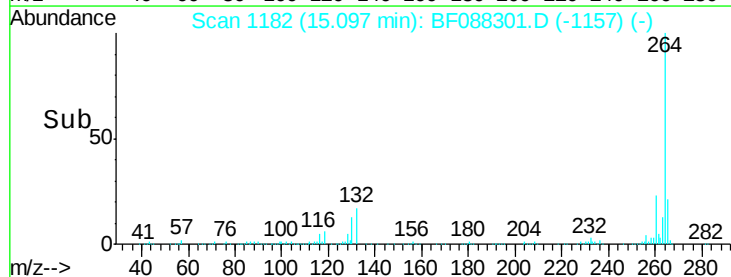
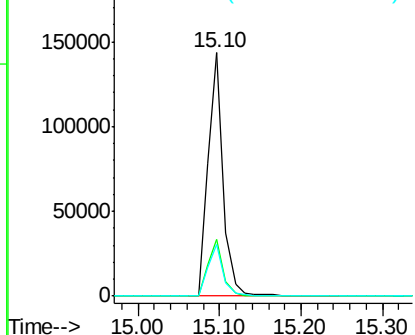


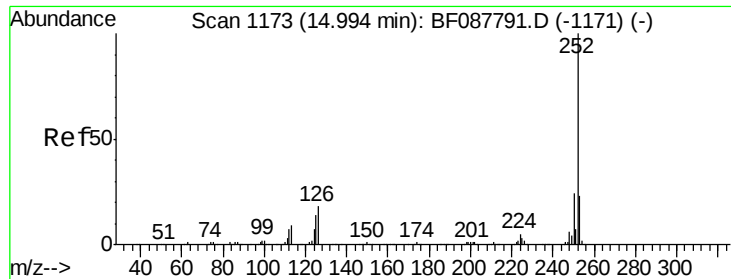
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF088301.D
Acq: 23 Jun 2016 21:13

Tgt Ion: 264 Resp: 186426
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.4 16.9 25.3



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





#87

Benzo(b)fluoranthene

Concen: 45.23 ng m

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

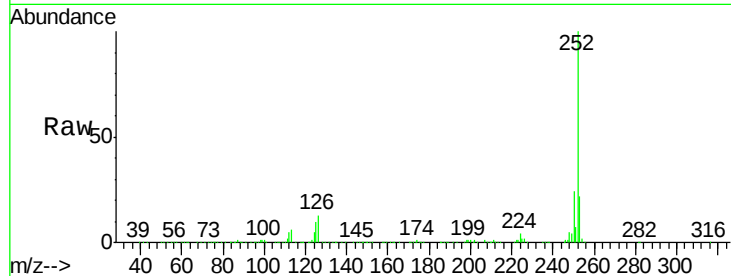
Tgt Ion:252 Resp: 587682

Ion Ratio Lower Upper

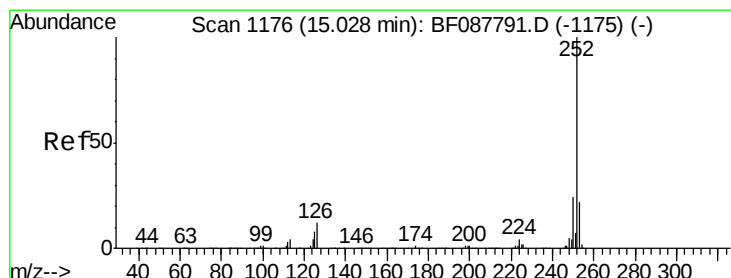
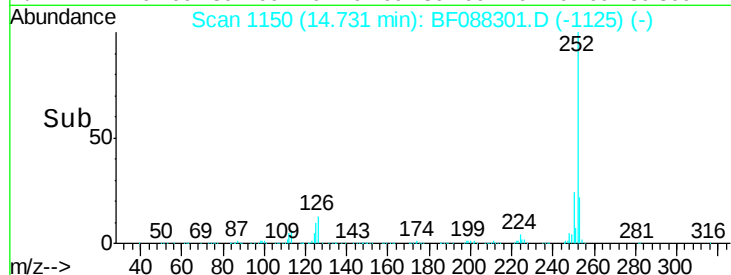
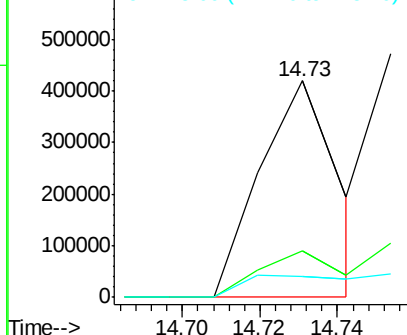
252 100

253 21.7 17.4 26.2

125 9.6 7.1 10.7



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



#88

Benzo(k)fluoranthene

Concen: 39.14 ng m

RT: 14.75 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

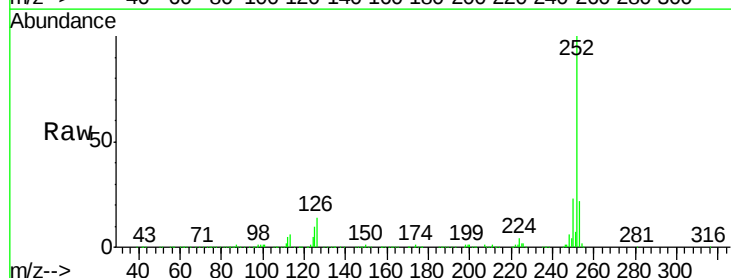
Tgt Ion:252 Resp: 383630

Ion Ratio Lower Upper

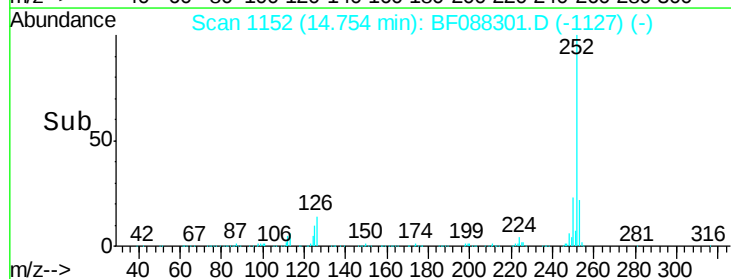
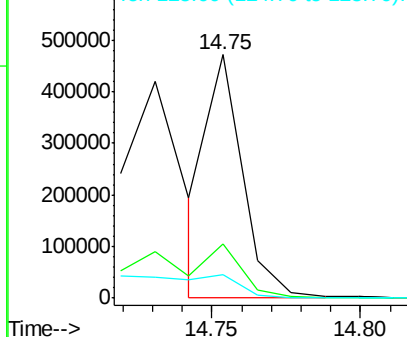
252 100

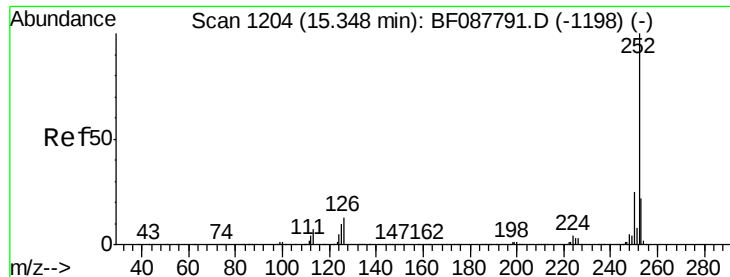
253 22.1 18.0 27.0

125 9.8 11.2 16.8#



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





#89

Benzo(a)pyrene

Concen: 43.82 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :

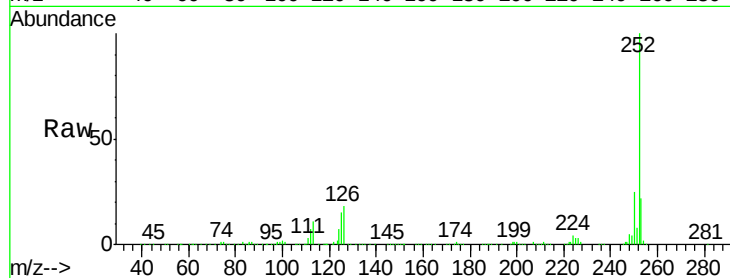
Tgt Ion:252 Resp: 460654

Ion Ratio Lower Upper

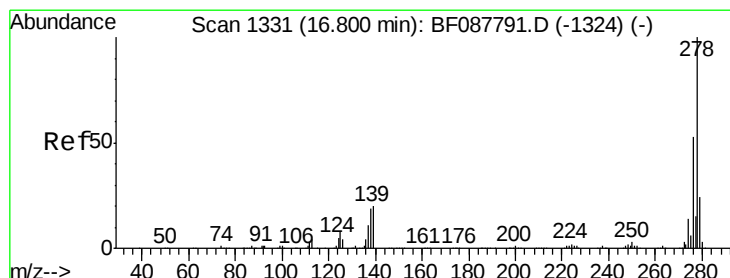
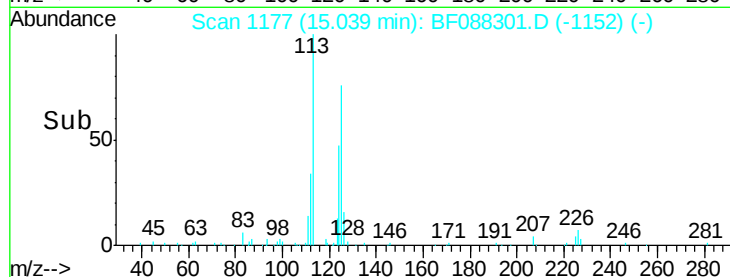
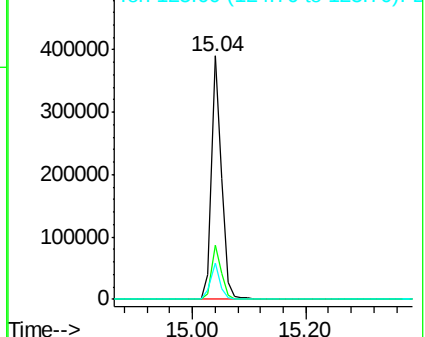
252 100

253 22.1 17.9 26.9

125 14.7 12.5 18.7



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



#90

Dibenzo(a,h)anthracene

Concen: 47.24 ng

RT: 16.35 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

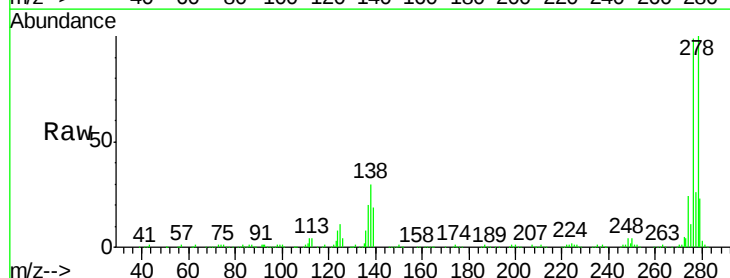
Tgt Ion:278 Resp: 461276

Ion Ratio Lower Upper

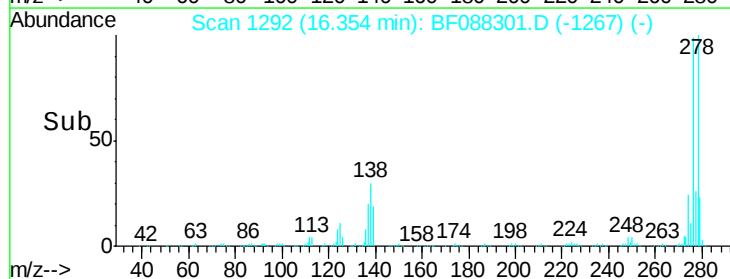
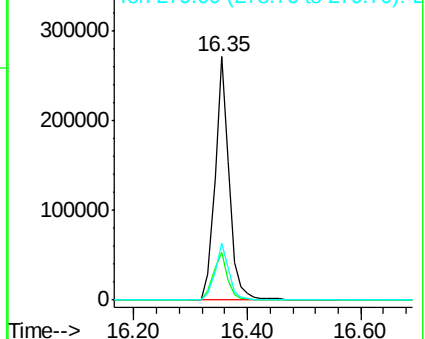
278 100

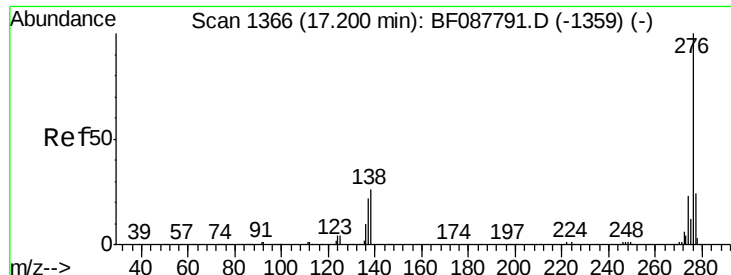
139 19.5 15.7 23.5

279 23.3 19.4 29.2



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





#91

Benzo(g,h,i)perylene

Concen: 49.50 ng

RT: 16.72 min Scan# 1324

Delta R.T. -0.02 min

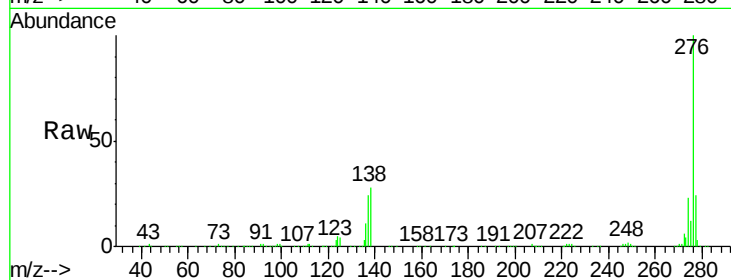
Lab File: BF088301.D

Acq: 23 Jun 2016 21:13

Instrument :

BNA_F

ClientSampleId :



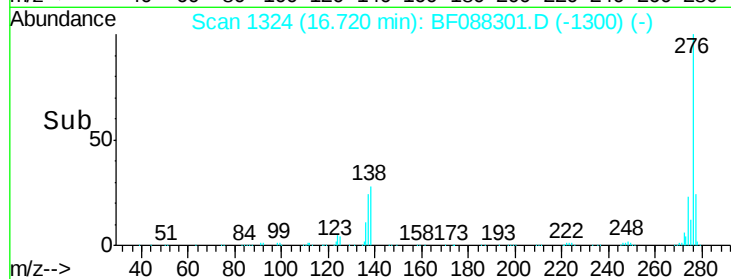
Tgt Ion: 276 Resp: 497129

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 28.1 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

