

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088415.D
 Acq On : 26 Jun 2016 13:39
 Operator : UM/SJ
 Sample : H3597-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 03:52:27 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	6.55	152	83583	20.00	ng	-0.06
21) Naphthalene-d8	7.84	136	361622	20.00	ng	-0.06
38) Acenaphthene-d10	9.58	164	161437	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	301803	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	215858	20.00	ng	-0.07
86) Perylene-d12	15.03	264	183996	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	503145	102.91	ng	-0.03
7) Phenol-d6	6.23	99	606932	102.43	ng	-0.03
23) Nitrobenzene-d5	7.13	82	388864	62.79	ng	-0.05
41) 2,4,6-Tribromophenol	10.38	330	152392	89.40	ng	-0.06
44) 2-Fluorobiphenyl	8.91	172	698824	66.82	ng	-0.06
78) Terphenyl-d14	12.64	244	660521	69.63	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.01	88	64480	27.14	ng	# 45
3) Pyridine	2.64	79	164731	29.37	ng	93
4) n-Nitrosodimethylamine	2.60	42	61968	26.09	ng	80
6) Aniline	6.22	93	173928	20.62	ng	# 80
8) 2-Chlorophenol	6.34	128	211257	36.51	ng	86
10) Phenol	6.24	94	266809	43.53	ng	97
11) bis(2-Chloroethyl)ether	6.30	93	208034	40.04	ng	88
12) 1,3-Dichlorobenzene	6.72	146	185581	29.89	ng	96
13) 1,4-Dichlorobenzene	6.57	146	216713	34.65	ng	96
14) 1,2-Dichlorobenzene	6.72	146	207385	36.46	ng	96
15) Benzyl Alcohol	6.72	79	148585	32.05	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	200496	28.56	ng	# 3
17) 2-Methylphenol	6.84	107	158797	33.84	ng	# 88
18) Hexachloroethane	7.05	117	77486	34.91	ng	# 87
19) n-Nitroso-di-n-propylamine	6.98	70	129810	34.25	ng	89
20) 3+4-Methylphenols	7.00	107	203194	37.11	ng	# 78
22) Acetophenone	6.98	105	290732	35.98	ng	# 95
24) Nitrobenzene	7.14	77	185803	30.97	ng	88
25) Isophorone	7.39	82	373962	32.60	ng	# 93
26) 2-Nitrophenol	7.46	139	110020	34.24	ng	# 89
27) 2,4-Dimethylphenol	7.52	122	179385	30.32	ng	92
28) bis(2-Chloroethoxy)methane	7.61	93	239977	33.73	ng	98
29) 2,4-Dichlorophenol	7.71	162	179757	36.39	ng	100
30) 1,2,4-Trichlorobenzene	7.78	180	180197	33.50	ng	99
31) Naphthalene	7.86	128	595389	33.27	ng	98
32) Benzoic acid	7.52	122	179385	55.06	ng	# 14
33) 4-Chloroaniline	7.93	127	172147	21.54	ng	# 94
34) Hexachlorobutadiene	7.98	225	95275	33.59	ng	97
35) Caprolactam	8.31	113	33973	20.76	ng	# 77
36) 4-Chloro-3-methylphenol	8.43	107	188480	35.68	ng	93
37) 2-Methylnaphthalene	8.65	142	374412	31.74	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	171837	39.15	ng	# 1
40) Hexachlorocyclopentadiene	8.70	237	43546	16.72	ng	98
42) 2,4,6-Trichlorophenol	8.84	196	98337	30.46	ng	99

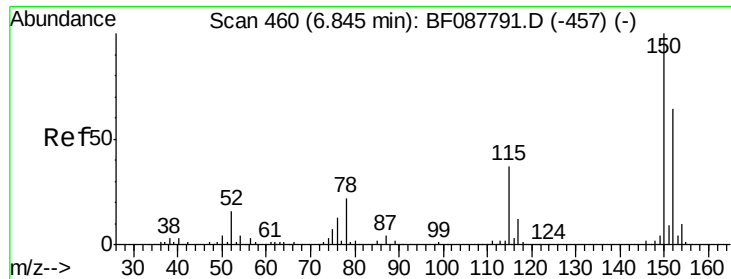
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.89	196	108434	32.28	nq	# 89
45) 1,1'-Biphenyl	9.02	154	502632	40.92	nq	96
46) 2-Chloronaphthalene	9.04	162	387029	37.05	nq	94
47) 2-Nitroaniline	9.15	65	105352	34.19	nq	# 55
48) Acenaphthylene	9.44	152	558277	33.60	nq	100
49) Dimethylphthalate	9.32	163	663600	56.75	nq	100
50) 2,6-Dinitrotoluene	9.39	165	101491	37.90	nq	# 80
51) Acenaphthene	9.61	154	322417	31.10	nq	97
52) 3-Nitroaniline	9.56	138	83421	26.99	nq	83
53) 2,4-Dinitrophenol	9.70	184	11695	12.51	nq	89
54) Dibenzofuran	9.78	168	489907	34.32	nq	# 82
55) 4-Nitrophenol	9.78	139	290141	120.96	nq	# 13
56) 2,4-Dinitrotoluene	9.79	165	128330	37.29	nq	# 52
57) Fluorene	10.12	166	366886	37.19	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	85359	32.34	nq	# 59
59) Diethylphthalate	10.02	149	453853	38.34	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	170137	35.84	nq	98
61) 4-Nitroaniline	10.18	138	103336	35.25	nq	98
62) Azobenzene	10.28	77	422451	36.09	nq	92
64) 4,6-Dinitro-2-methylphenol	10.20	198	37917	21.38	nq	90
65) n-Nitrosodiphenylamine	10.25	169	369795	36.93	nq	98
66) 4-Bromophenyl-phenylether	10.60	248	109233	33.74	nq	# 81
67) Hexachlorobenzene	10.67	284	119779	35.60	nq	# 82
68) Atrazine	10.79	200	104255	34.38	nq	99
69) Pentachlorophenol	10.88	266	70733	39.89	nq	95
70) Phenanthrene	11.08	178	582593	36.79	nq	98
71) Anthracene	11.13	178	589844	36.92	nq	99
72) Carbazole	11.30	167	569105	38.07	nq	97
73) Di-n-butylphthalate	11.63	149	674501	35.64	nq	# 97
74) Fluoranthene	12.26	202	623077	37.28	nq	97
76) Benzidine	12.40	184	198774	33.26	nq	97
77) Pyrene	12.49	202	601838	37.57	nq	97
79) Butylbenzylphthalate	13.11	149	268443	37.91	nq	# 82
80) Benzo(a)anthracene	13.67	228	426890	34.70	nq	99
81) 3,3'-Dichlorobenzidine	13.64	252	118715	35.89	nq	97
82) Chrysene	13.71	228	488368	42.20	nq	97
83) Bis(2-ethylhexyl)phthalate	13.67	149	344793	40.00	nq	98
84) Di-n-octyl phthalate	14.29	149	623441	44.51	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.25	276	380669	35.41	nq	# 100
87) Benzo(b)fluoranthene	14.70	252	837073	65.27	nq	# 98
88) Benzo(k)fluoranthene	14.70	252	837073	86.53	nq	# 97
89) Benzo(a)pyrene	14.98	252	404681	39.00	nq	# 94
90) Dibenzo(a,h)anthracene	16.25	278	312150	32.39	nq	96
91) Benzo(g,h,i)perylene	16.62	276	320156	32.30	nq	99

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

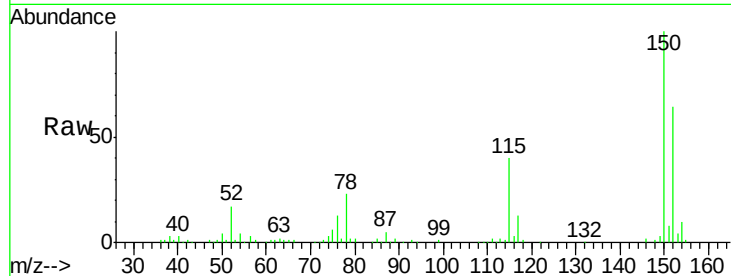


#1

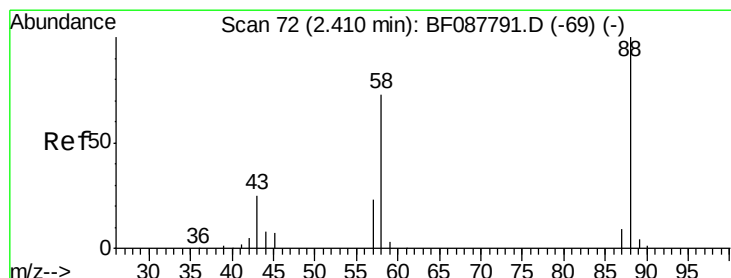
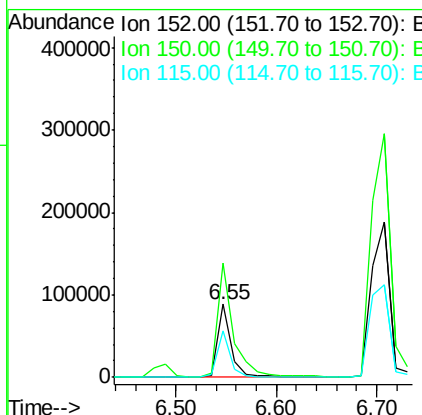
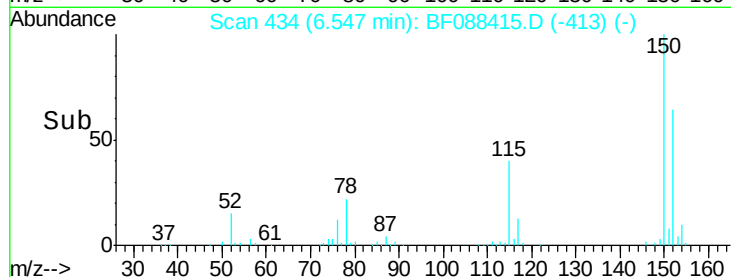
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 83583
Ion Ratio Lower Upper
152 100
150 156.7 123.8 185.6
115 63.3 39.6 59.4#



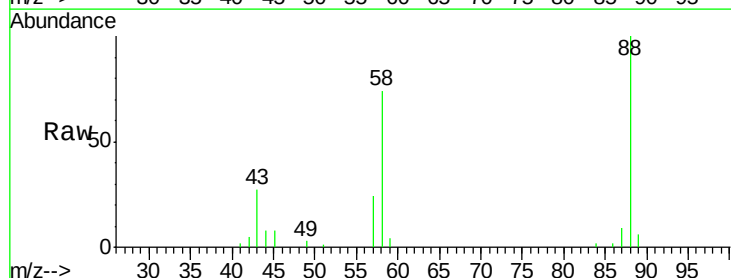
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



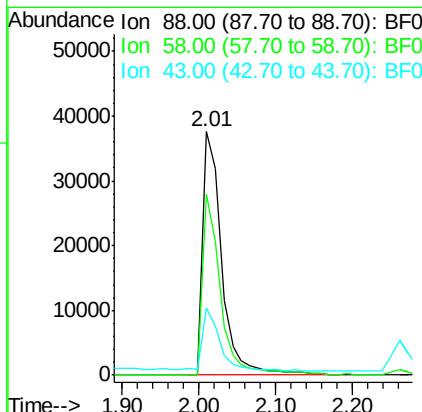
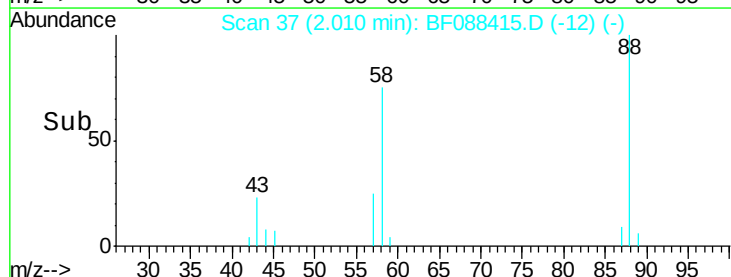
#2

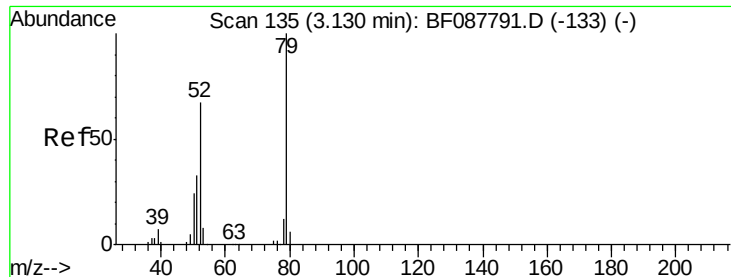
1,4-Dioxane
Concen: 27.14 ng
RT: 2.01 min Scan# 37
Delta R.T. -0.01 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Tgt Ion: 88 Resp: 64480
Ion Ratio Lower Upper
88 100
58 70.3 0.0 0.0#
43 22.6 3.4 5.2#



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





#3

Pvridine

Concen: 29.37 ng

RT: 2.64 min Scan# 92

Delta R.T. -0.03 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

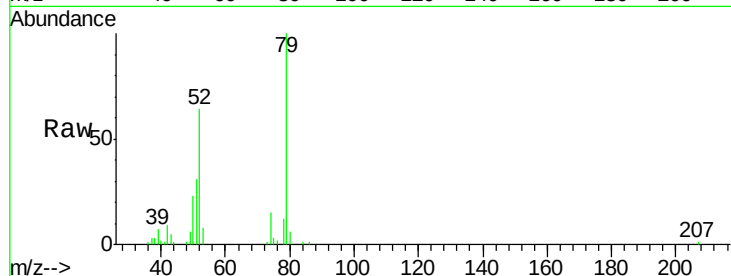
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 164731

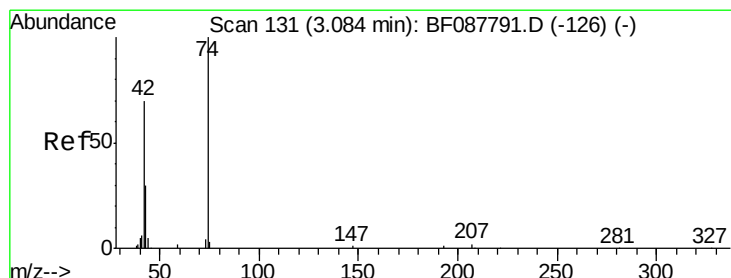
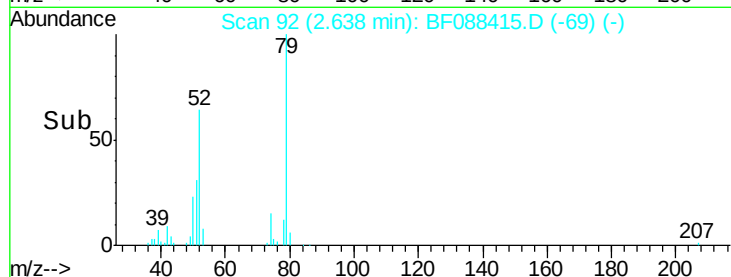
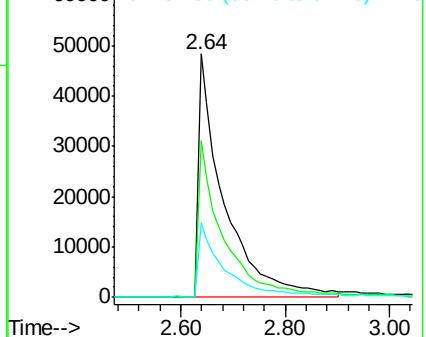
Ion	Ratio	Lower	Upper
79	100		
52	64.3	56.3	84.5
51	30.9	27.4	41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 26.09 ng

RT: 2.60 min Scan# 89

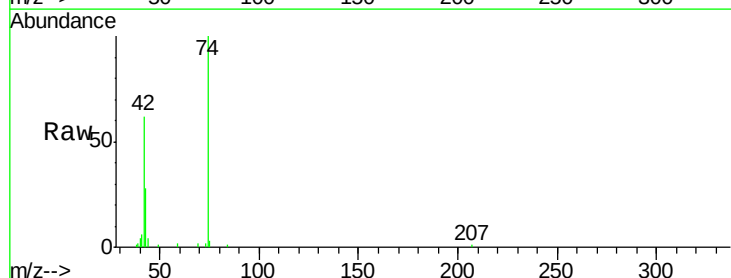
Delta R.T. -0.02 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Tgt Ion: 42 Resp: 61968

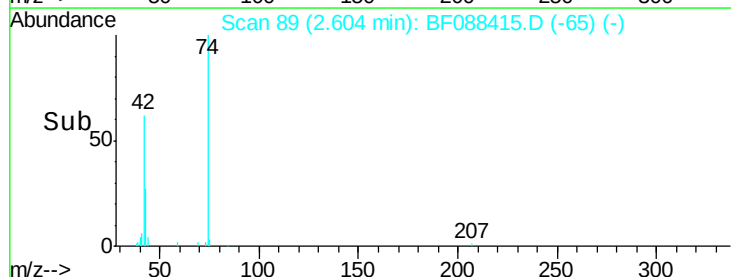
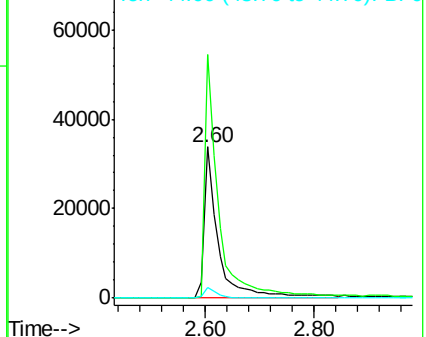
Ion	Ratio	Lower	Upper
42	100		
74	161.0	108.6	163.0
44	6.7	5.5	8.3

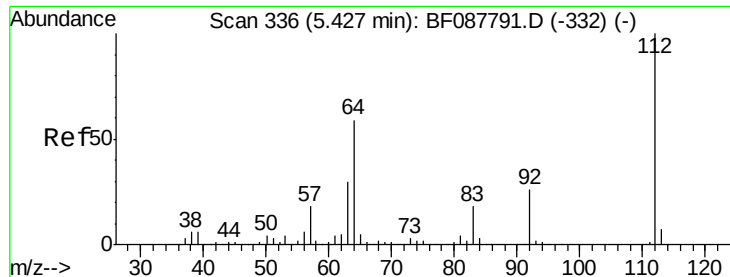


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 102.91 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampled :

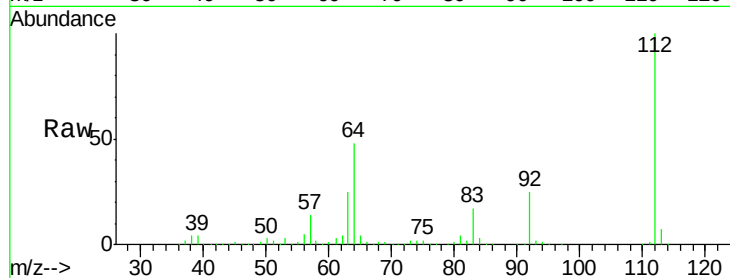
Tot Ion: 112 Resp: 503145

Ion Ratio Lower Upper

112 100

64 47.8 42.2 63.2

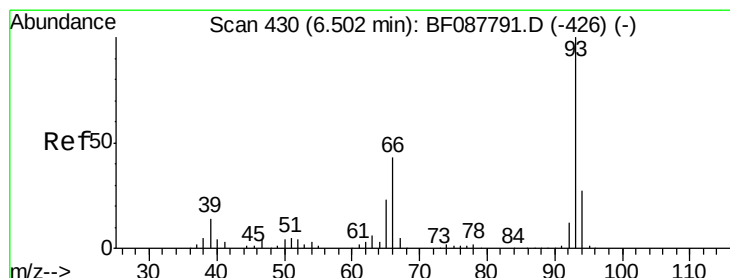
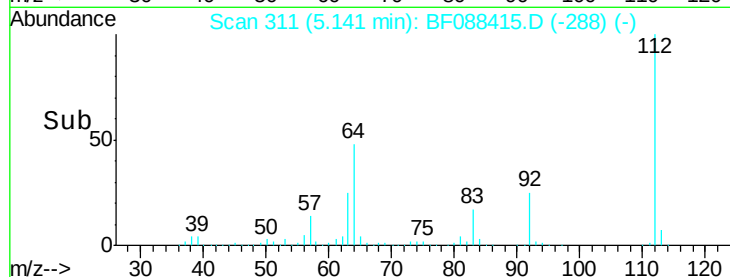
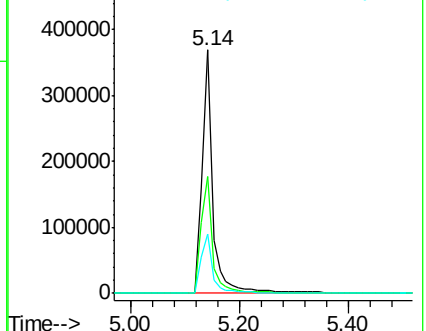
63 24.6 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.62 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

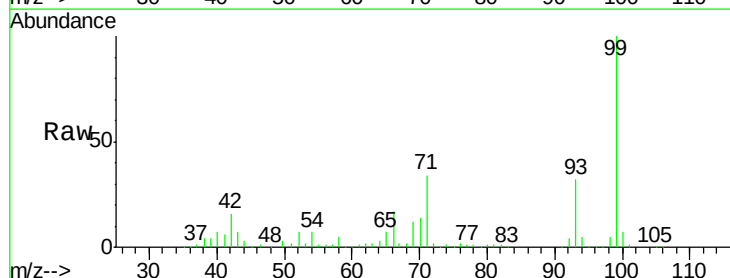
Tgt Ion: 93 Resp: 173928

Ion Ratio Lower Upper

93 100

66 52.5 29.8 44.8#

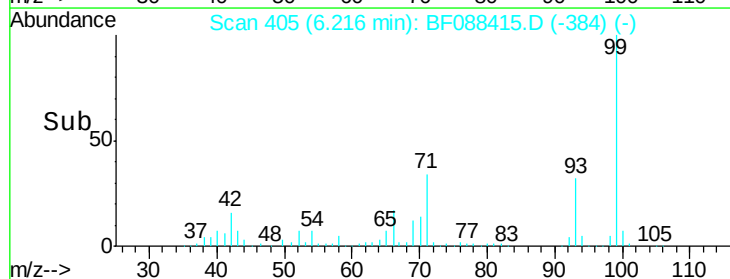
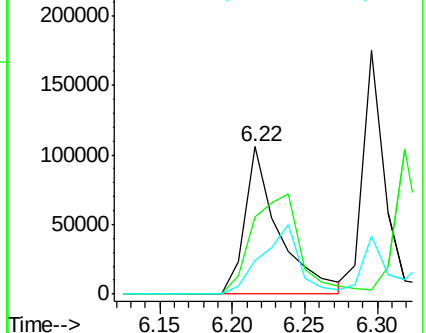
65 22.5 14.9 22.3#

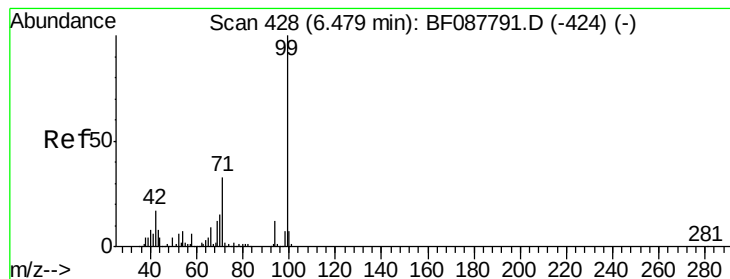


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.43 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

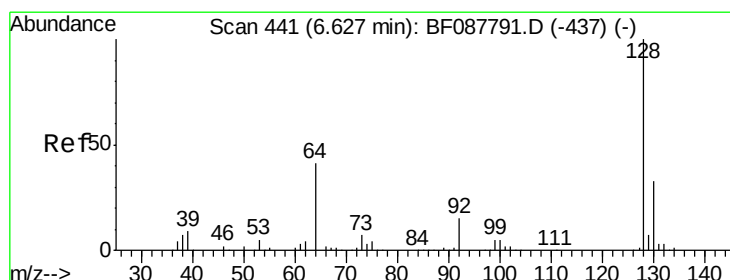
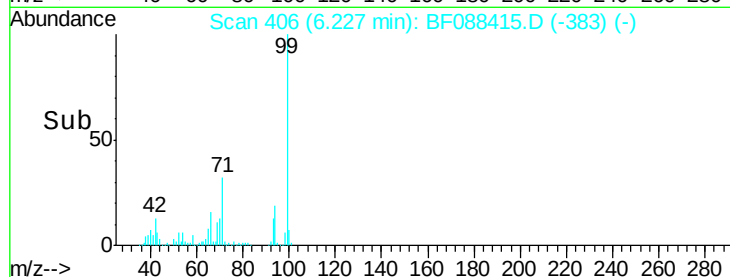
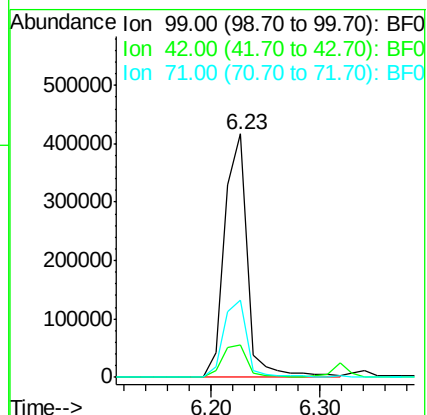
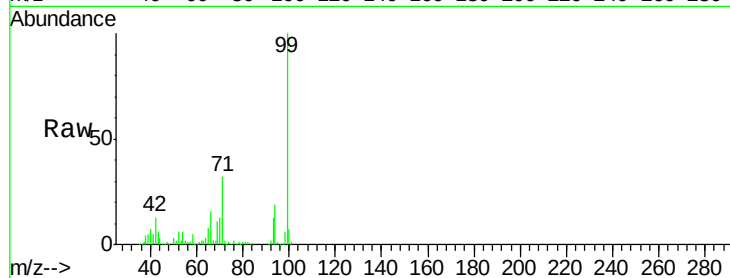
Tot Ion: 99 Resp: 606932

Ion Ratio Lower Upper

99 100

42 13.4 12.2 18.2

71 31.9 23.4 35.0



#8

2-Chlorophenol

Concen: 36.51 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

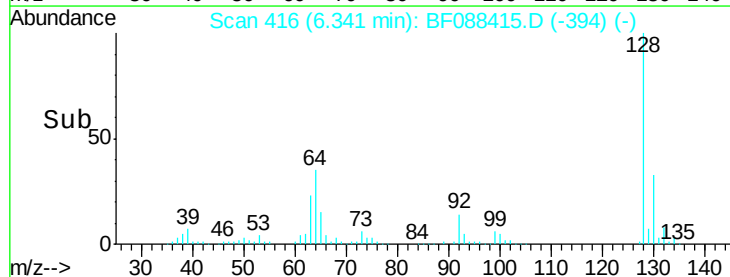
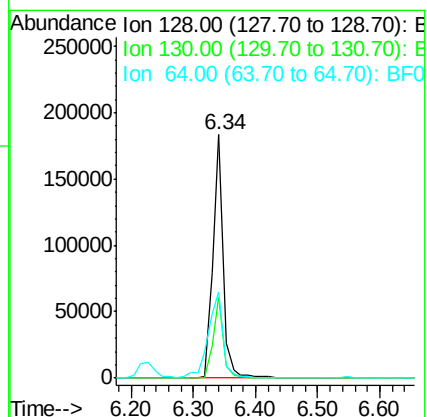
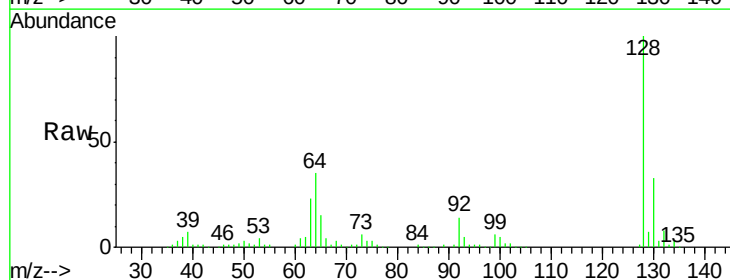
Tgt Ion: 128 Resp: 211257

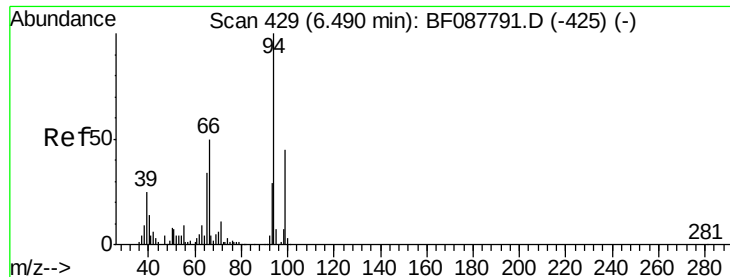
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 35.5 30.8 70.8





#10

Phenol

Concen: 43.53 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampled :

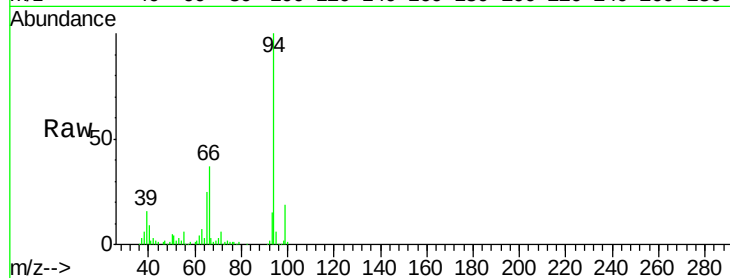
Tot Ion: 94 Resp: 266809

Ion Ratio Lower Upper

94 100

65 25.3 5.9 45.9

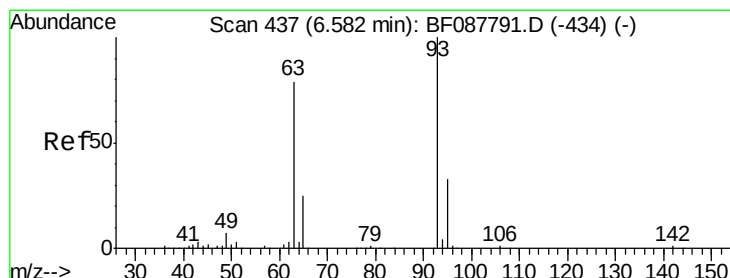
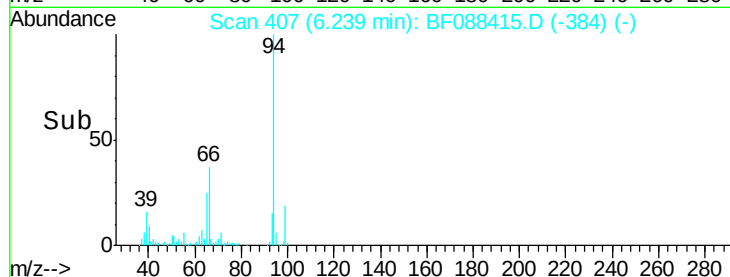
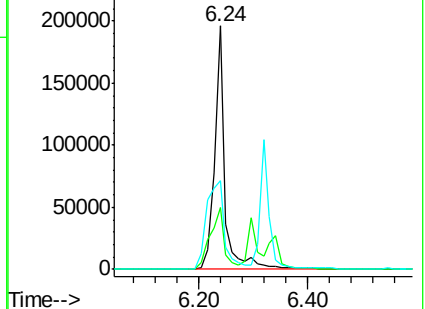
66 36.5 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 40.04 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

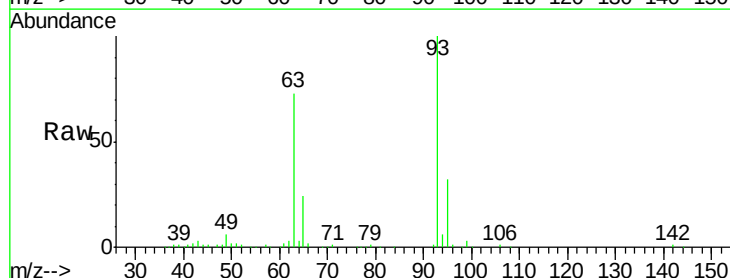
Tgt Ion: 93 Resp: 208034

Ion Ratio Lower Upper

93 100

63 73.0 67.6 107.6

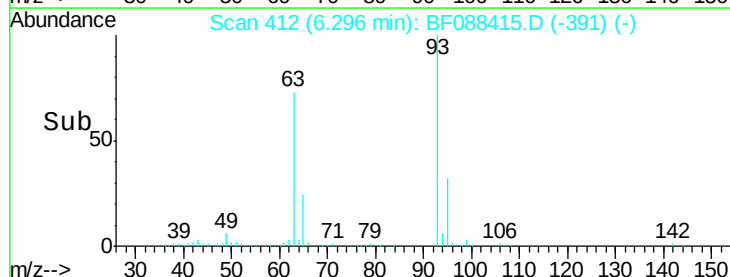
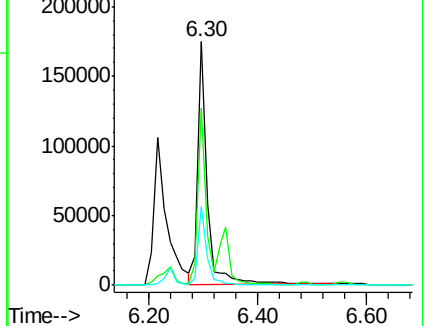
95 32.4 12.5 52.5

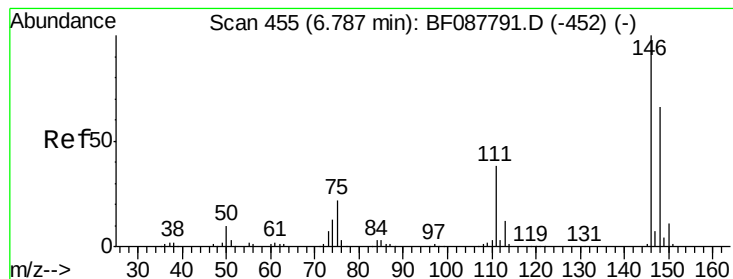


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 29.89 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.18 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampled :

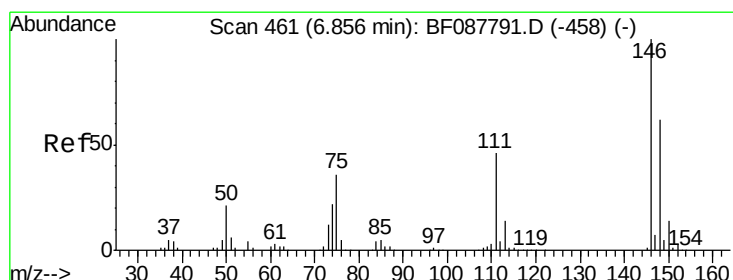
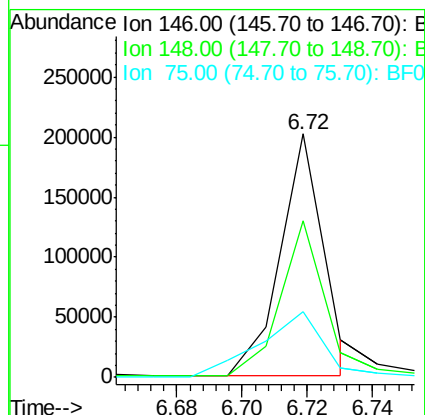
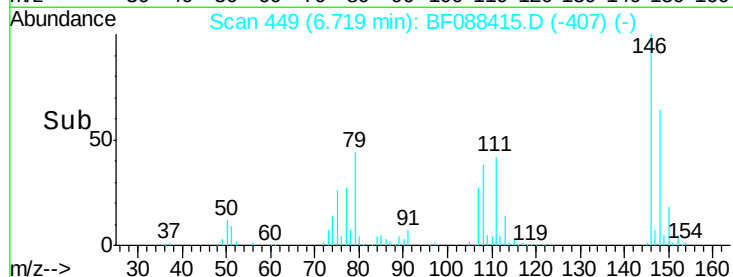
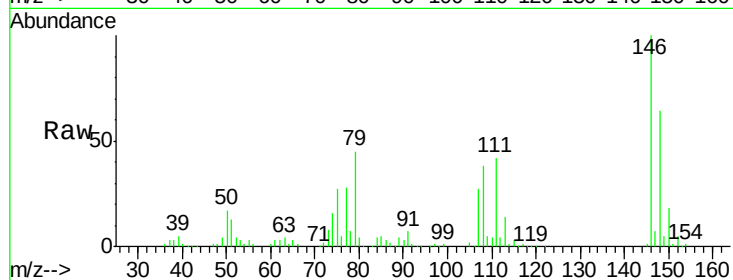
Tot Ion:146 Resp: 185581

Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

75 27.1 25.6 38.4



#13

1,4-Dichlorobenzene

Concen: 34.65 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.05 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

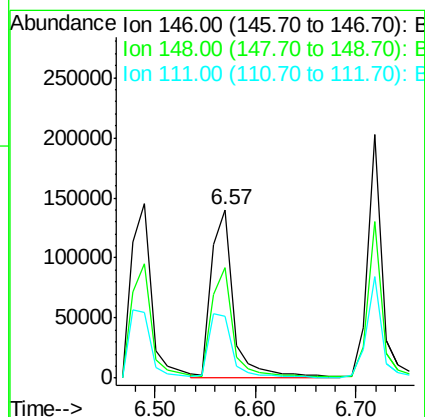
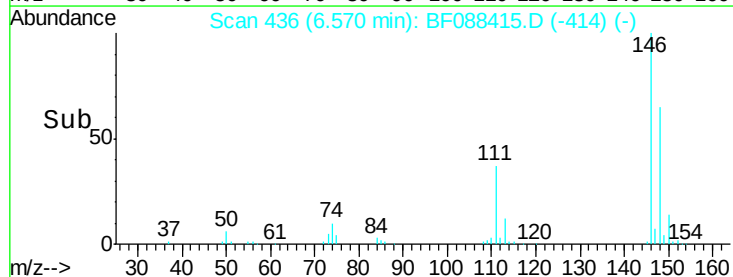
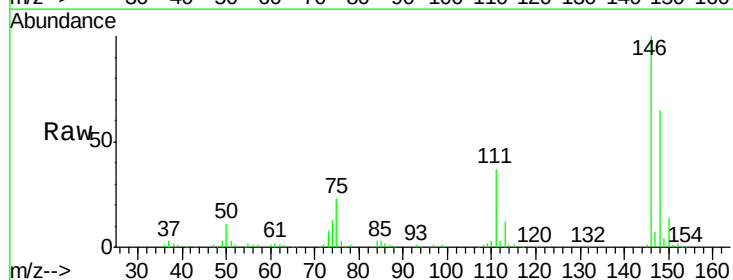
Tgt Ion:146 Resp: 216713

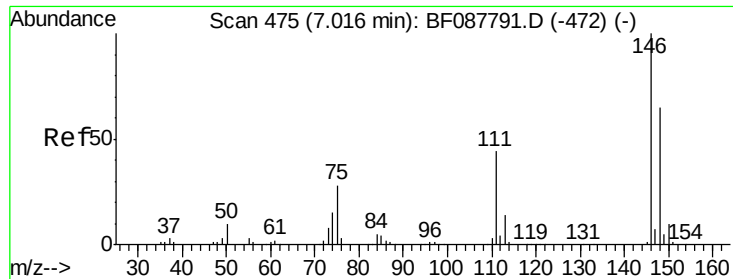
Ion Ratio Lower Upper

146 100

148 65.3 52.0 78.0

111 36.6 33.8 50.8

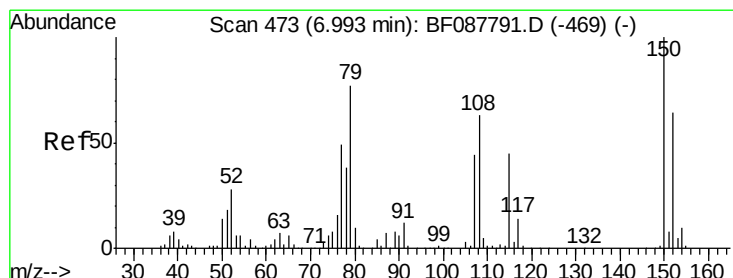
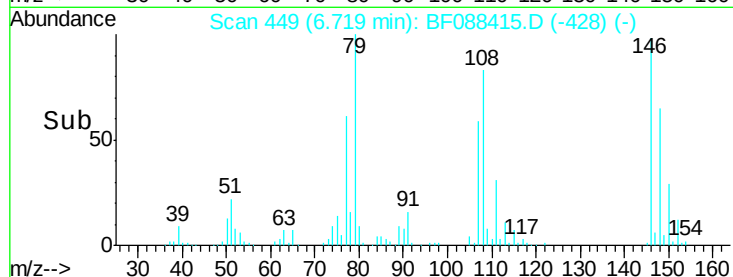
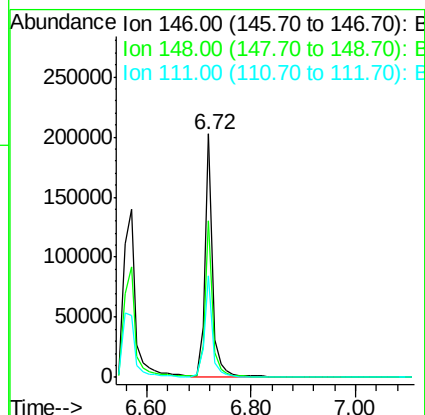
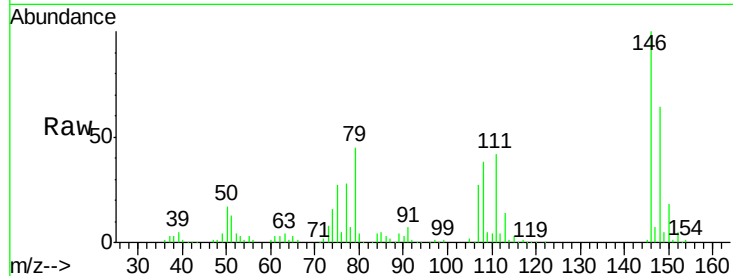




#14
 1,2-Dichlorobenzene
 Concen: 36.46 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.06 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

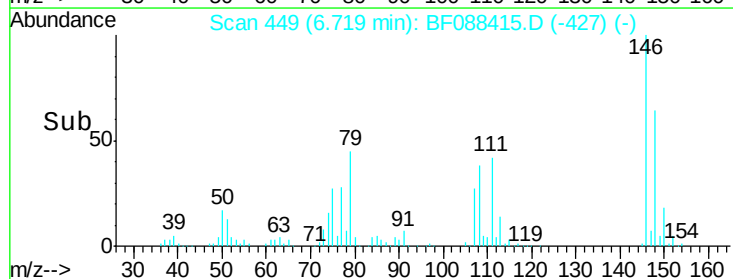
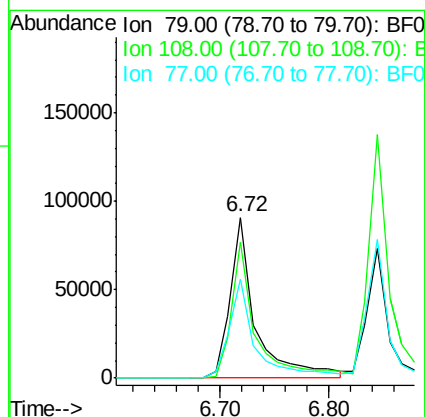
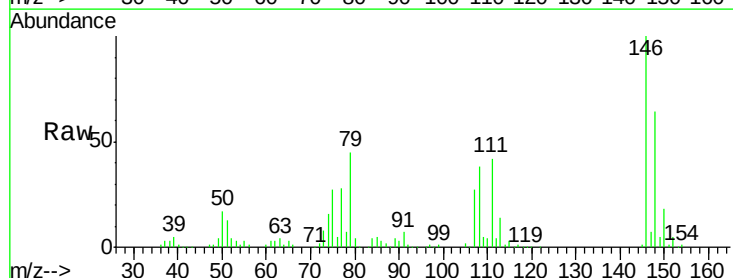
Instrument :
 BNA_G
 ClientSampled :

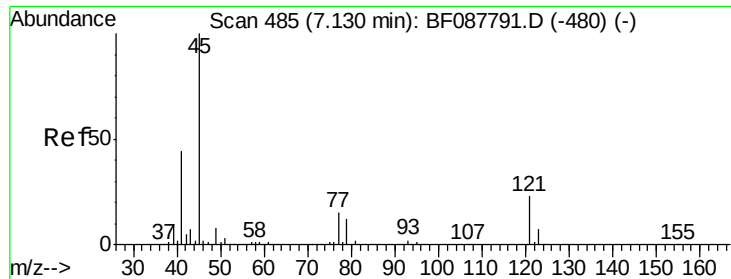
Tot Ion:146 Resp: 207385
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 41.9 28.7 43.1



#15
 Benzyl Alcohol
 Concen: 32.05 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.05 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

Tgt Ion: 79 Resp: 148585
 Ion Ratio Lower Upper
 79 100
 108 84.5 65.0 97.6
 77 61.9 50.3 75.5





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 28.56 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

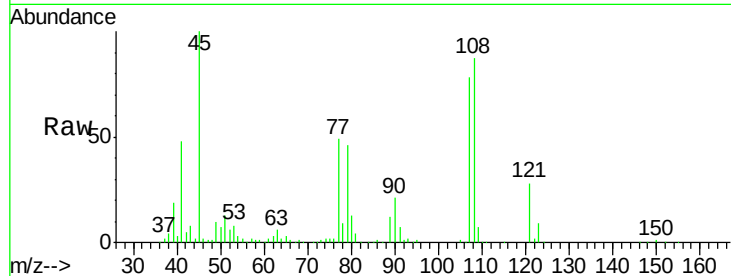
Tot Ion: 45 Resp: 200496

Ion Ratio Lower Upper

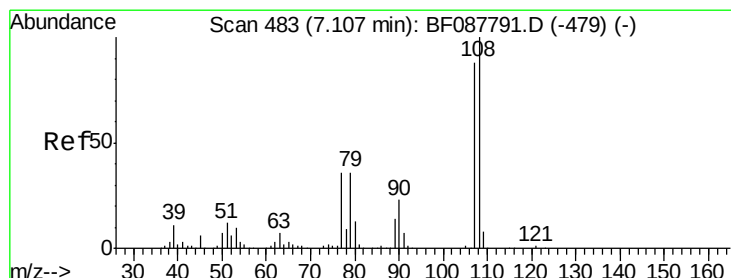
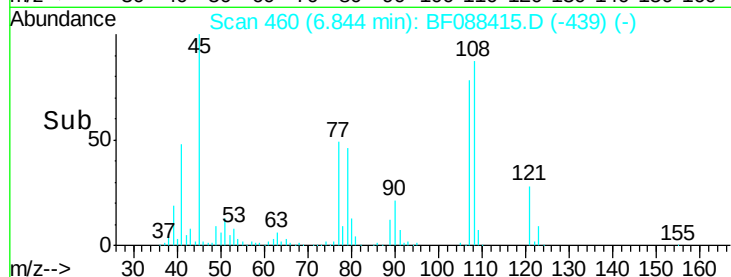
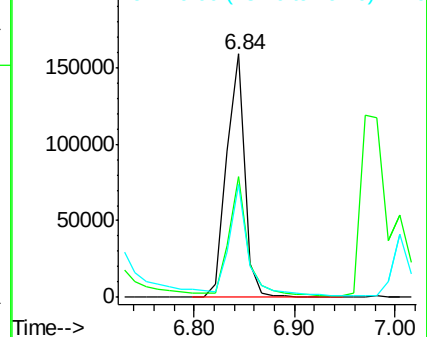
45 100

77 49.3 0.0 32.5#

79 46.3 0.0 29.5#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#17

2-Methylphenol

Concen: 33.84 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.05 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Tgt Ion: 107 Resp: 158797

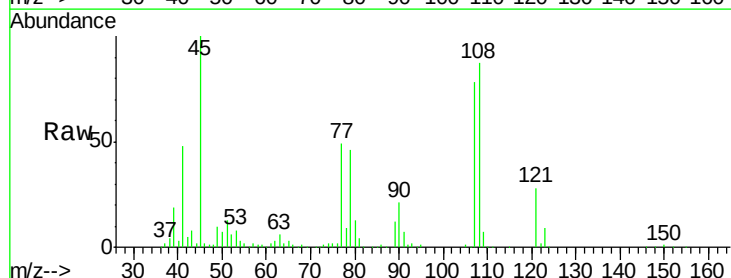
Ion Ratio Lower Upper

107 100

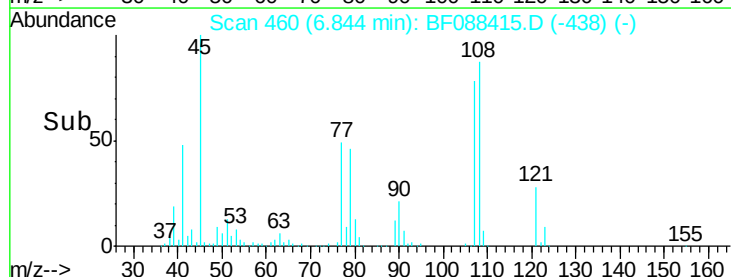
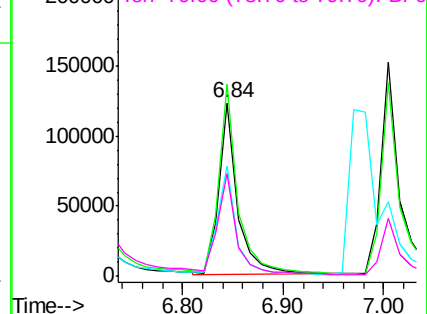
108 111.2 90.9 136.3

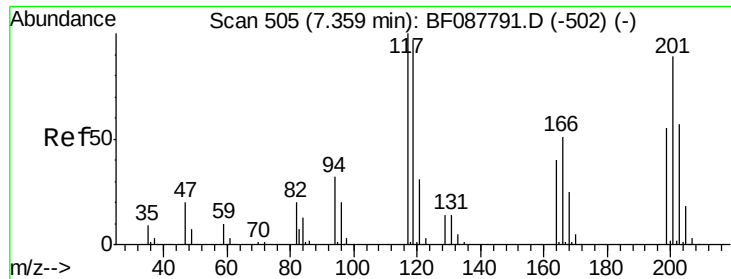
77 63.4 36.6 55.0#

79 59.5 36.5 54.7#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

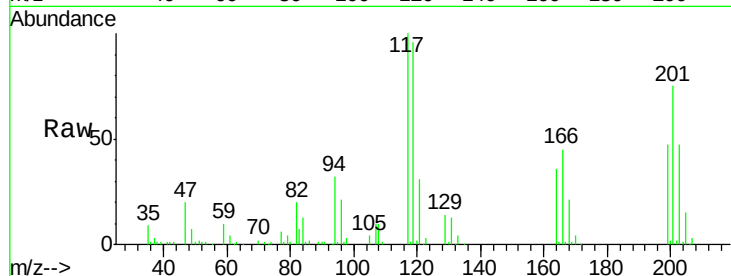




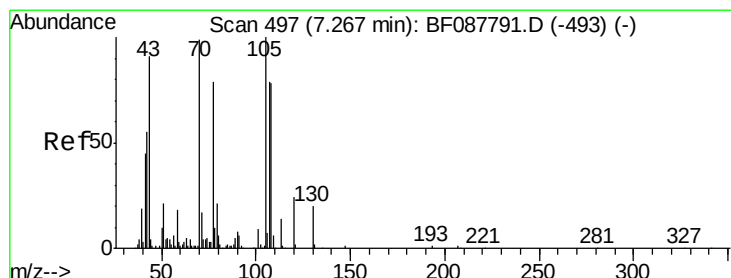
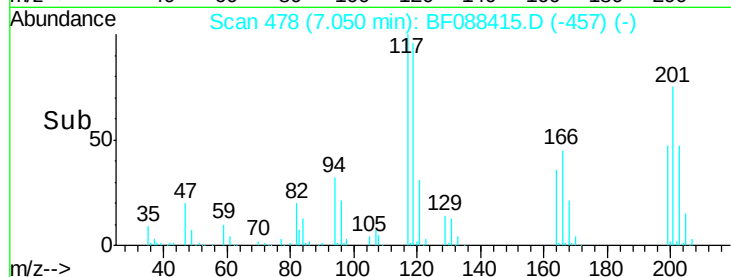
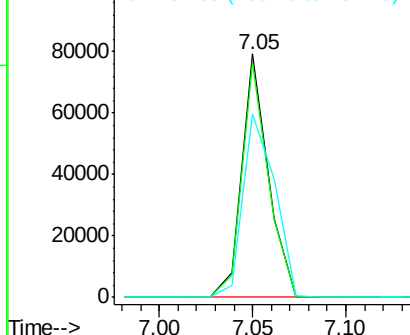
#18
Hexachloroethane
Concen: 34.91 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:117 Resp: 77486
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
201 75.2 80.4 120.6#

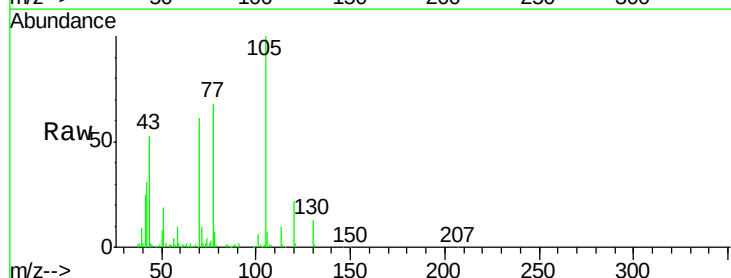


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

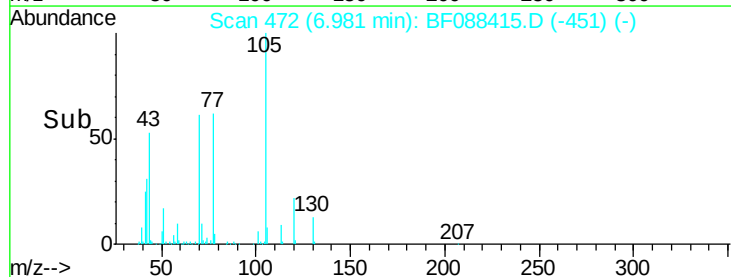
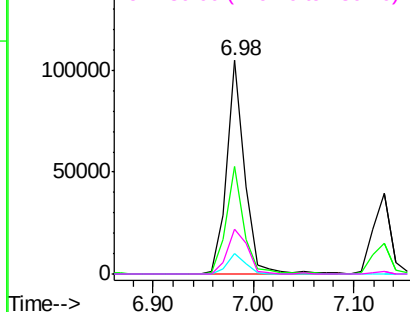


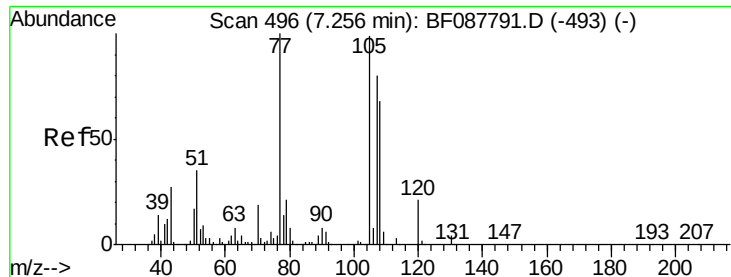
#19
n-Nitroso-di-n-propylamine
Concen: 34.25 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Tgt Ion: 70 Resp: 129810
Ion Ratio Lower Upper
70 100
42 50.3 49.6 74.4
101 9.4 7.1 10.7
130 20.8 15.4 23.2



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 37.11 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.05 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 203194

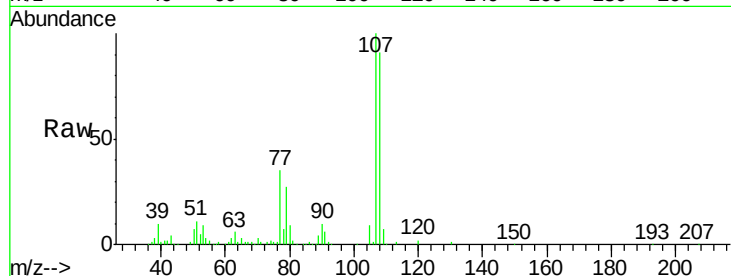
Ion Ratio Lower Upper

107 100

108 90.5 67.8 107.8

77 35.0 59.3 99.3#

79 27.0 7.0 47.0

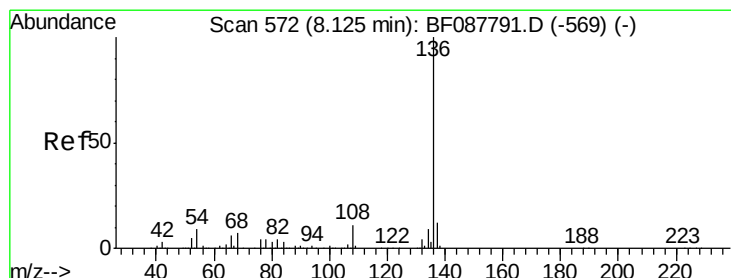
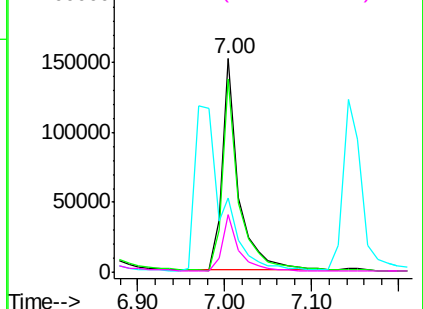
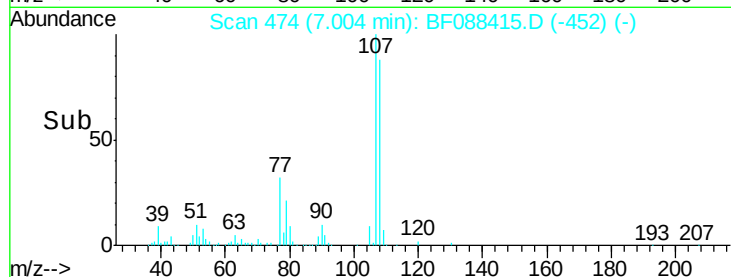


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Tgt Ion:136 Resp: 361622

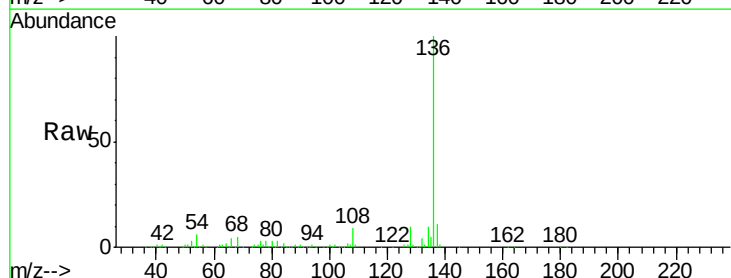
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.5 6.6 10.0#

68 4.7 5.1 7.7#

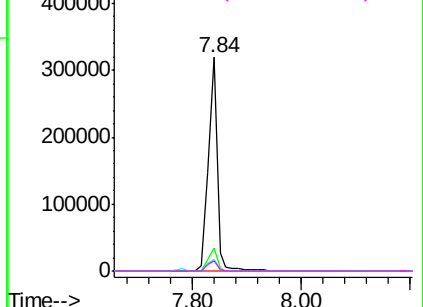
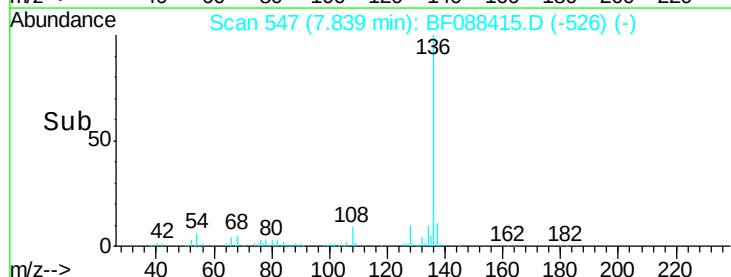


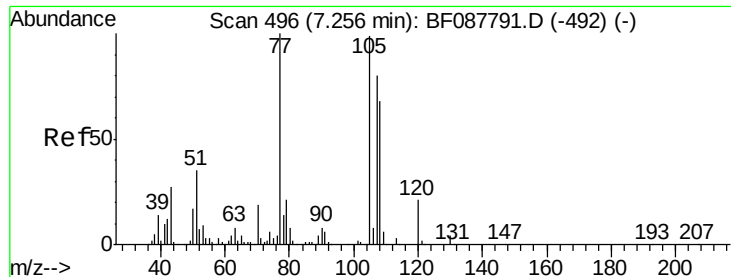
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 35.98 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.05 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:105 Resp: 290732

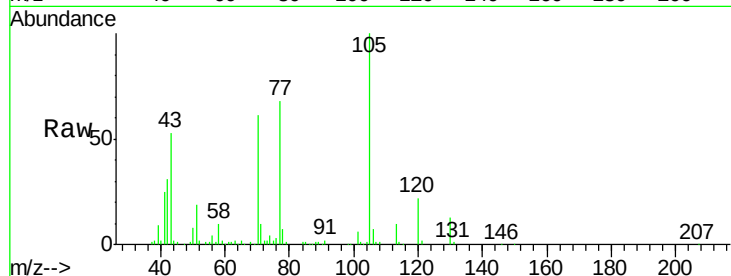
Ion Ratio Lower Upper

105 100

71 10.2 5.3 7.9#

51 19.1 18.2 27.4

120 22.0 18.0 27.0

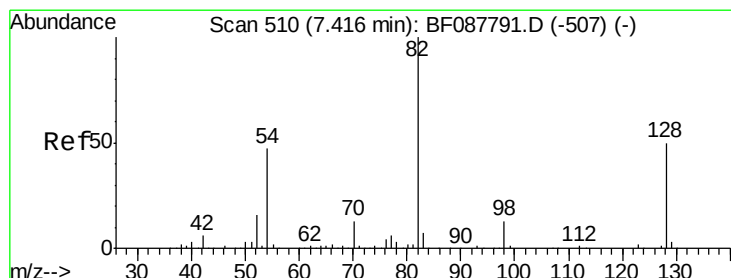
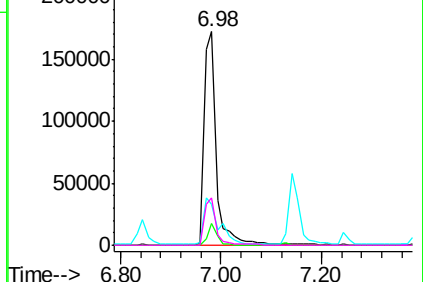
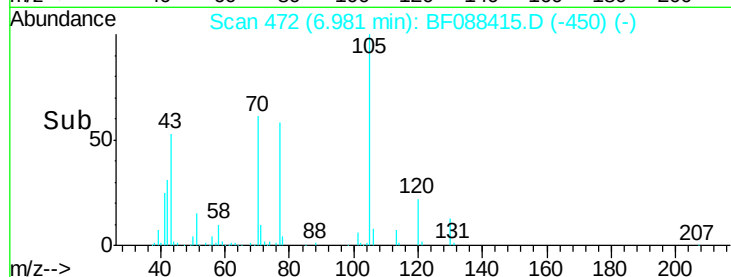


Abundance Ion 105.00 (104.70 to 105.70): E

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: 62.79 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

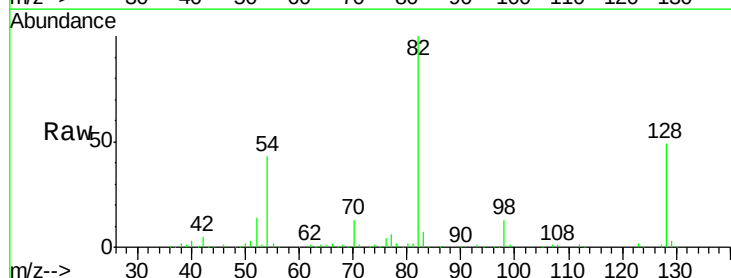
Tgt Ion: 82 Resp: 388864

Ion Ratio Lower Upper

82 100

128 49.0 35.9 53.9

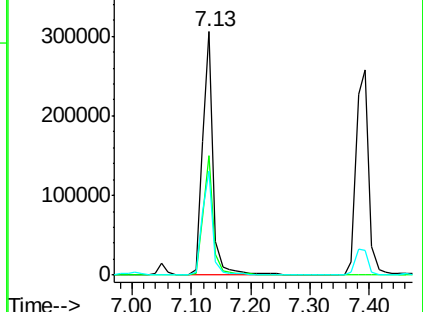
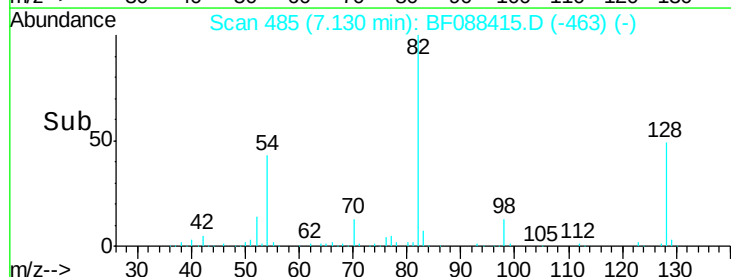
54 42.9 40.9 61.3

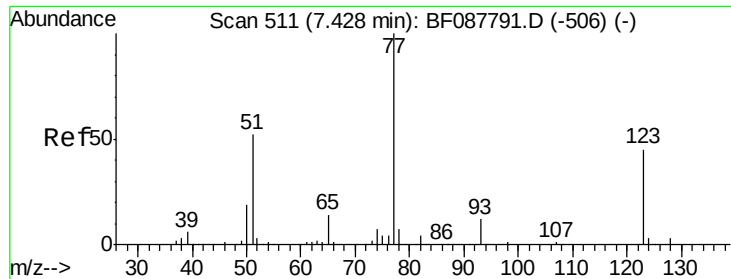


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

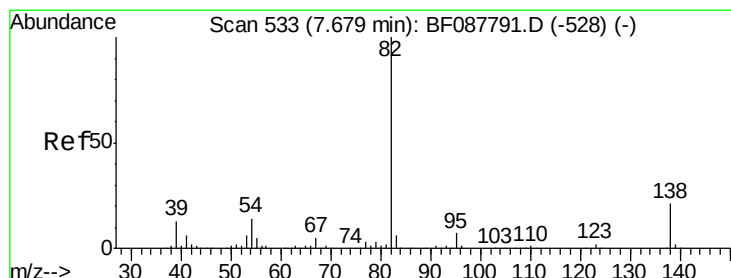
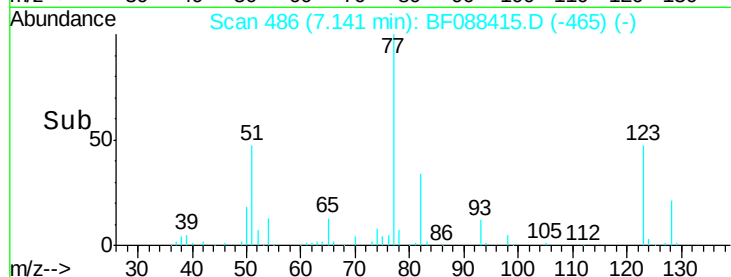
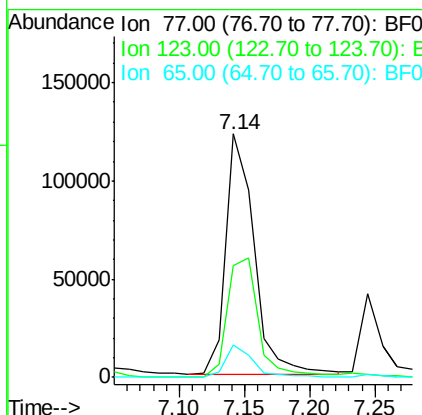
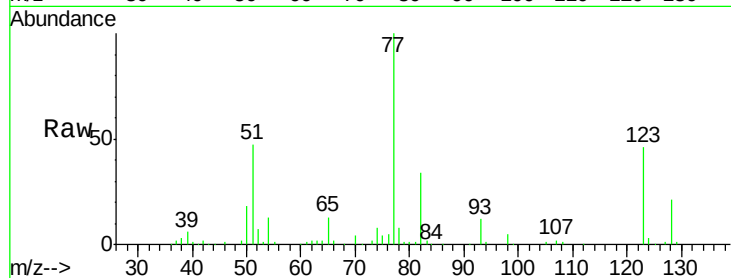




#24
 Nitrobenzene
 Concen: 30.97 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.06 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

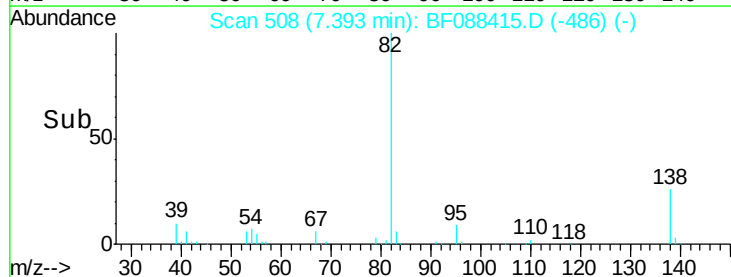
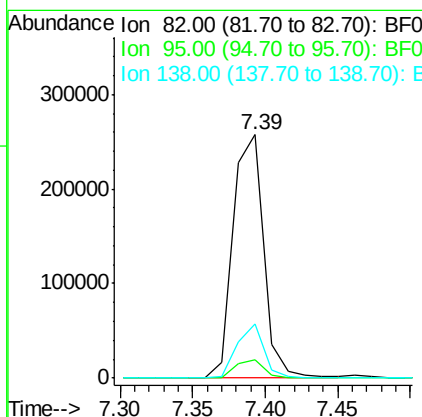
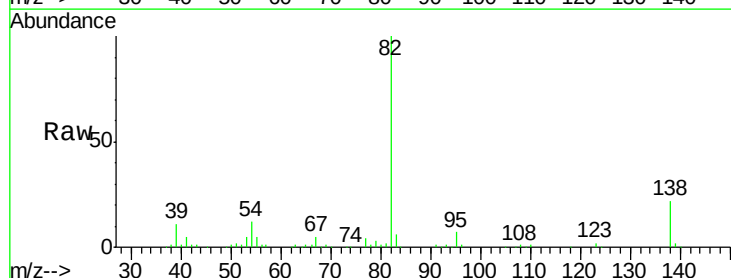
Instrument :
 BNA_G
 ClientSampleId :

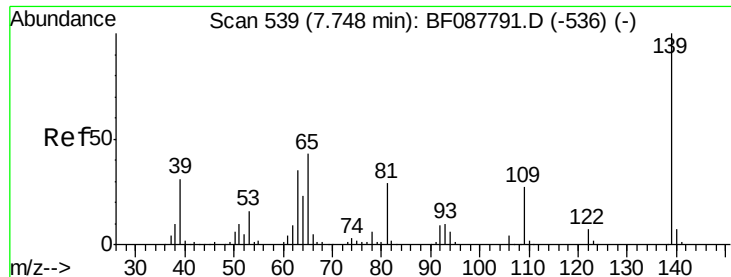
Tot Ion	77	Resp	185803
Ion Ratio	Lower	Upper	
77	100		
123	45.9	45.0	67.4
65	13.1	10.2	15.2



#25
 Isophorone
 Concen: 32.60 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.05 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

Tgt Ion	82	Resp	373962
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.4	8.2
138	22.0	14.6	21.8

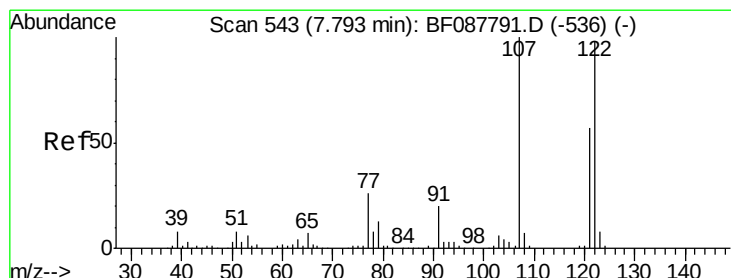
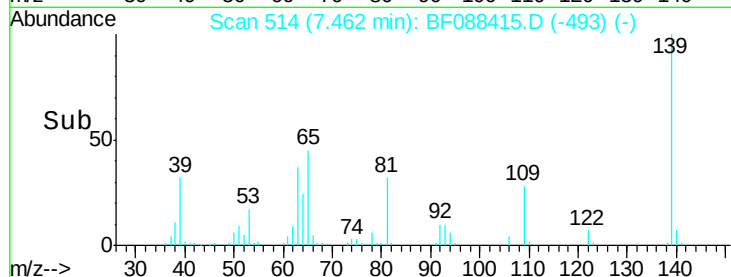
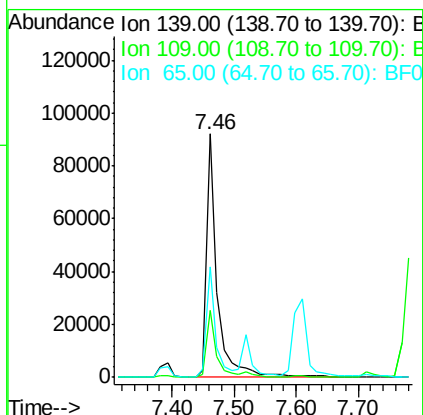
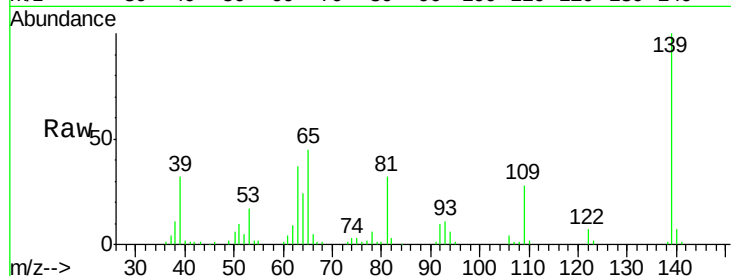




#26
2-Nitrophenol
Concen: 34.24 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

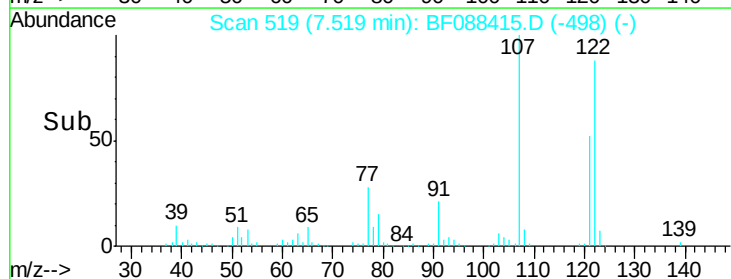
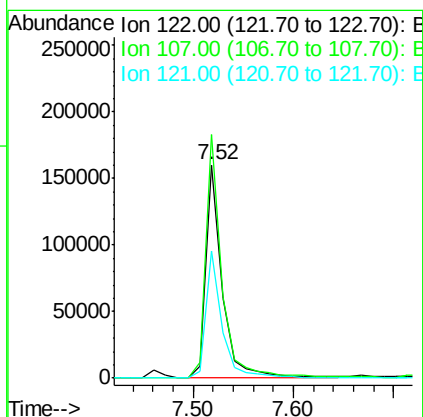
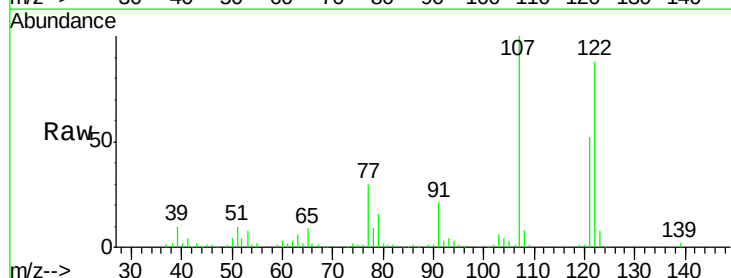
Instrument :
BNA_G
ClientSampleId :

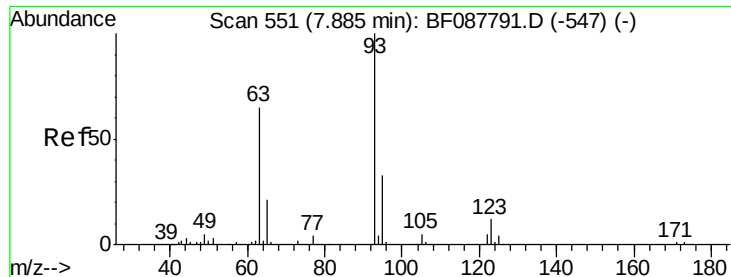
Tot Ion:139 Resp: 110020
Ion Ratio Lower Upper
139 100
109 27.6 23.0 34.4
65 45.3 45.8 68.8#



#27
2,4-Dimethylphenol
Concen: 30.32 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Tgt Ion:122 Resp: 179385
Ion Ratio Lower Upper
122 100
107 114.2 82.4 123.6
121 59.4 46.3 69.5

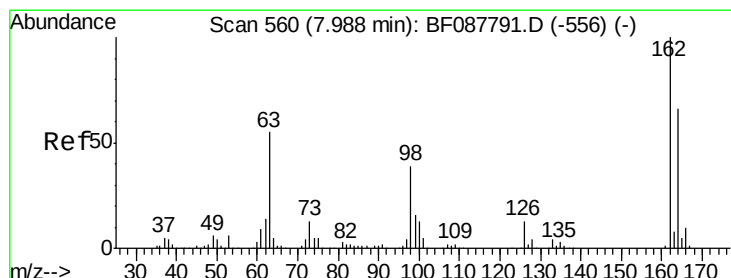
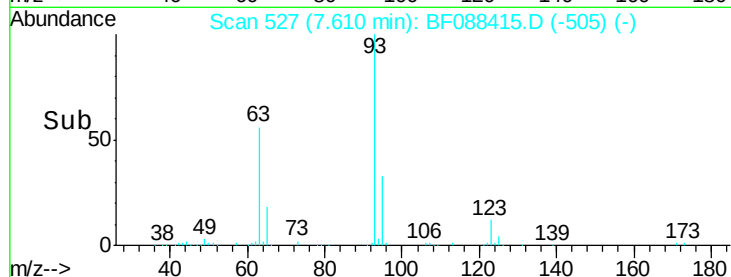
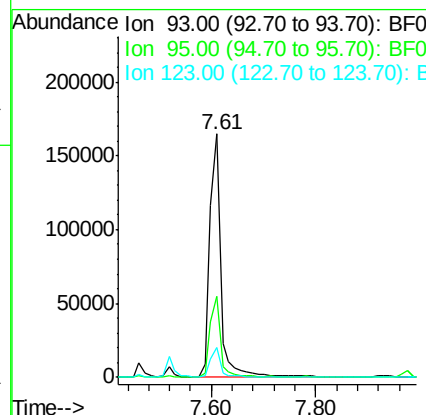
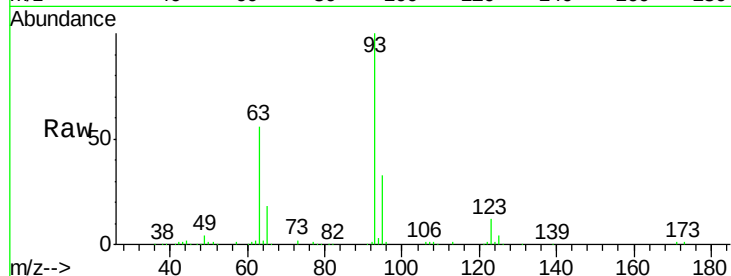




#28
bis(2-Chloroethoxy)methane
Concen: 33.73 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.05 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

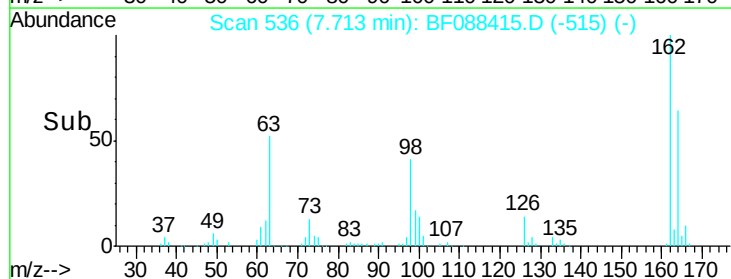
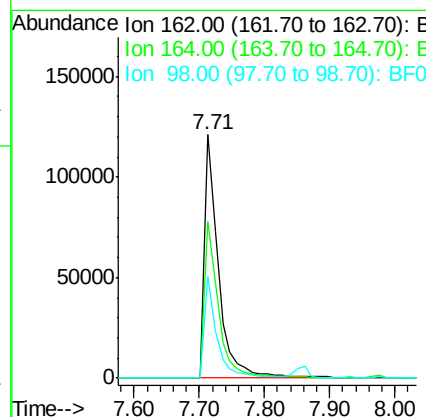
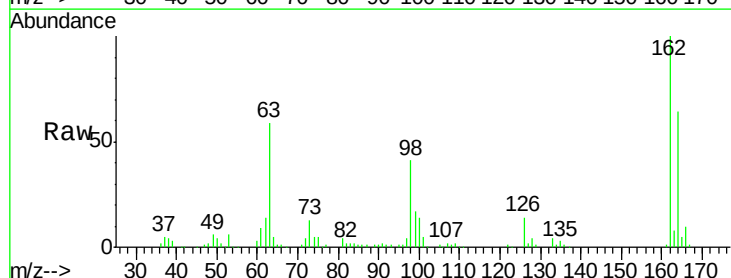
Instrument :
BNA_G
ClientSampled :

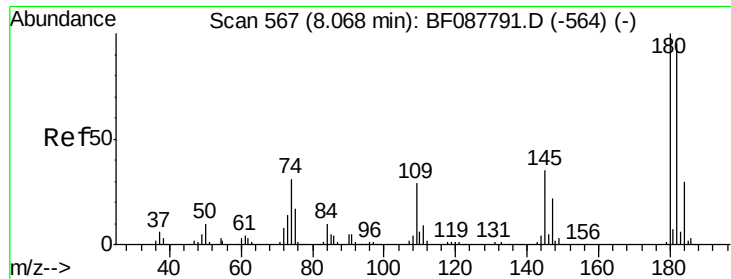
Tot Ion	93	Resp	239977
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	12.4	11.6	17.4



#29
2,4-Dichlorophenol
Concen: 36.39 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Tgt Ion	162	Resp	179757
Ion Ratio	Lower	Upper	
162	100		
164	64.2	43.8	83.8
98	41.5	21.3	61.3

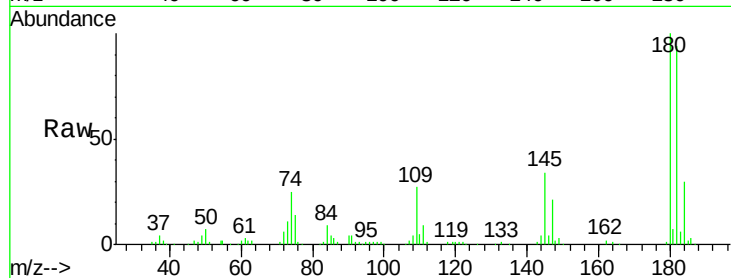




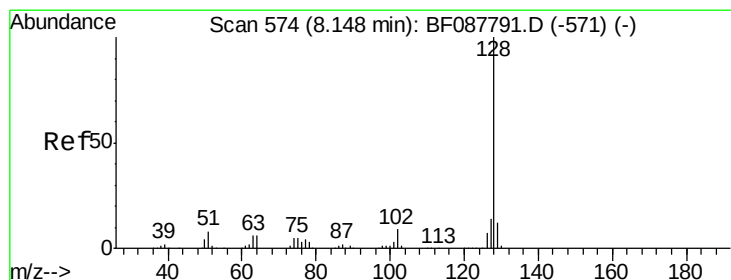
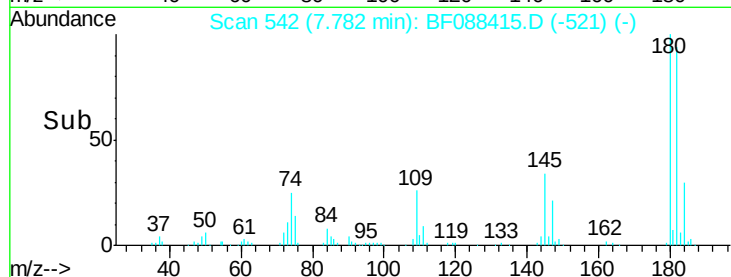
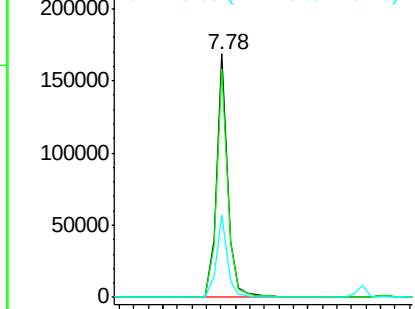
#30
 1,2,4-Trichlorobenzene
 Concen: 33.50 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.06 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.0	114.0
145	33.9	26.5	39.7

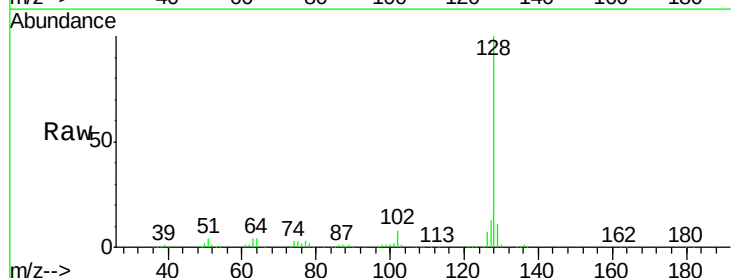


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

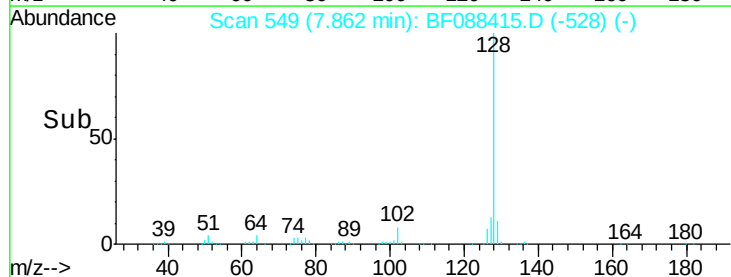
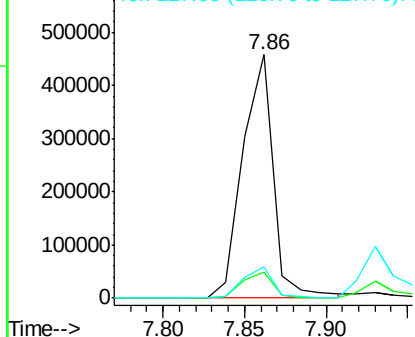


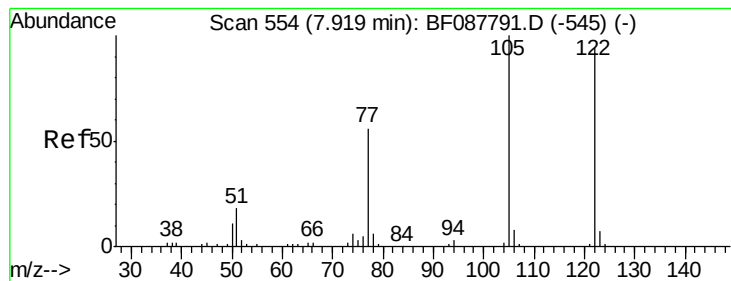
#31
 Naphthalene
 Concen: 33.27 ng
 RT: 7.86 min Scan# 549
 Delta R.T. -0.06 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	13.0	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: 55.06 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.21 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

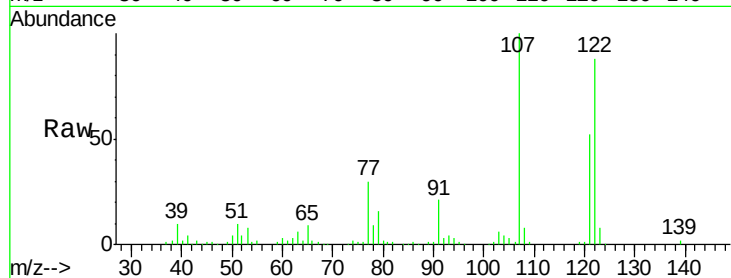
Tot Ion:122 Resp: 179385

Ion Ratio Lower Upper

122 100

105 3.7 101.6 141.6#

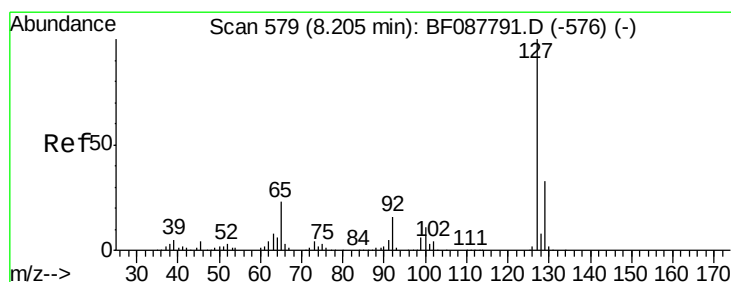
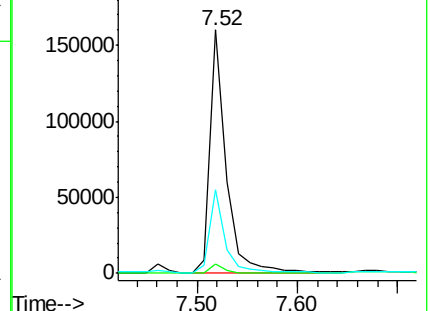
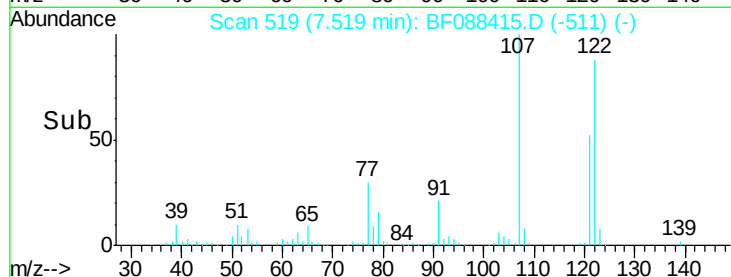
77 34.5 70.6 110.6#



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: 21.54 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.05 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Tgt Ion:127 Resp: 172147

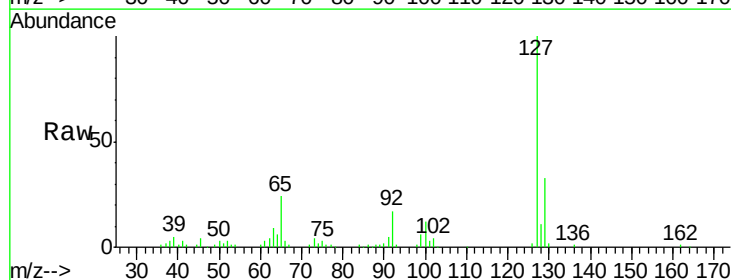
Ion Ratio Lower Upper

127 100

129 32.8 26.3 39.5

65 23.8 24.7 37.1#

92 16.8 15.4 23.0

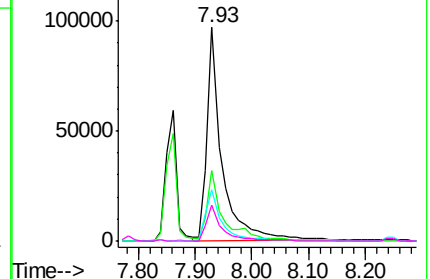
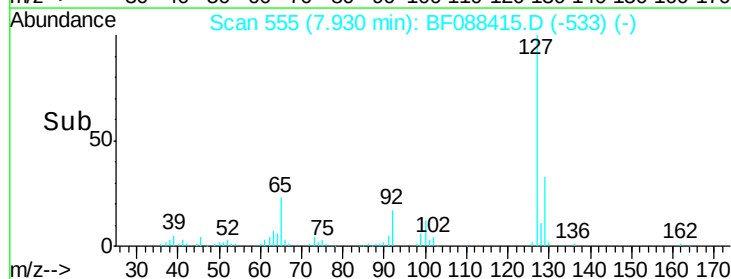


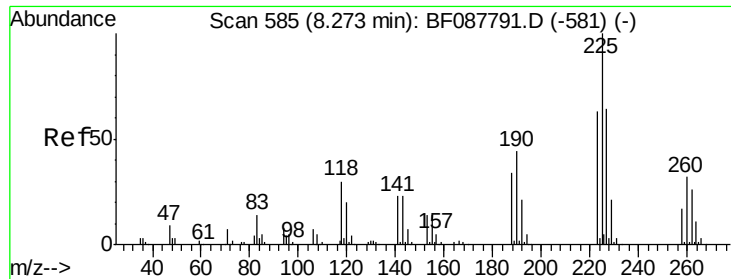
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 33.59 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

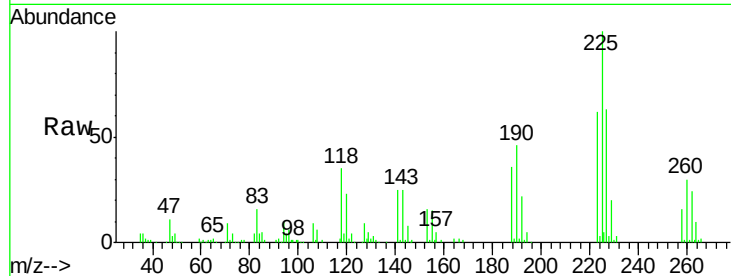
Tot Ion:225 Resp: 95275

Ion Ratio Lower Upper

225 100

223 62.0 50.9 76.3

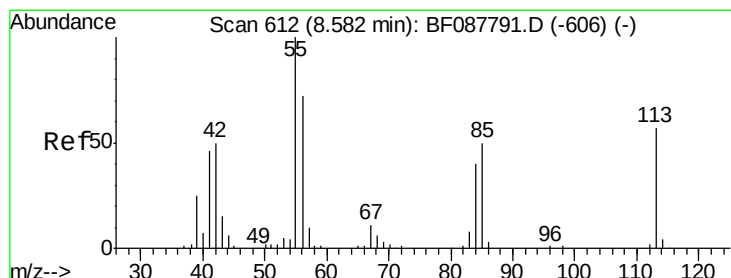
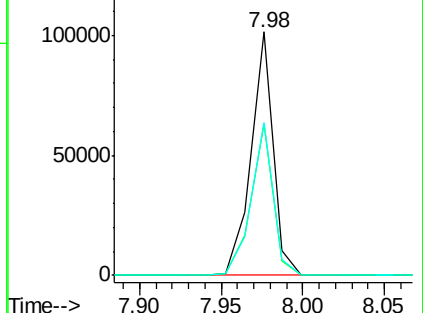
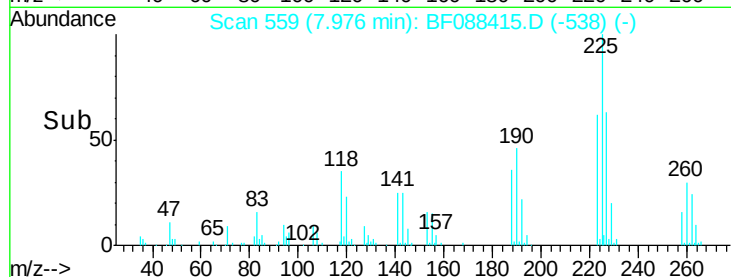
227 62.5 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 20.76 ng

RT: 8.31 min Scan# 588

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

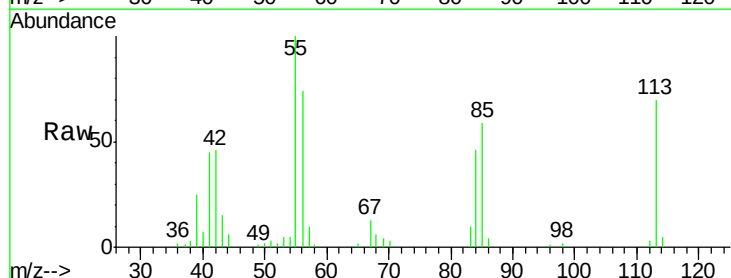
Tgt Ion:113 Resp: 33973

Ion Ratio Lower Upper

113 100

55 143.2 158.6 198.6#

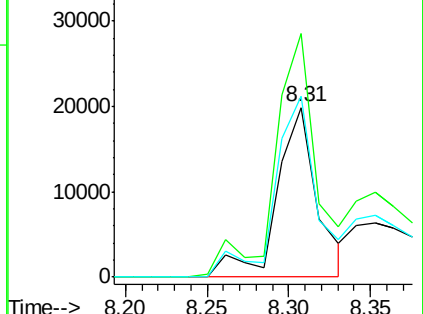
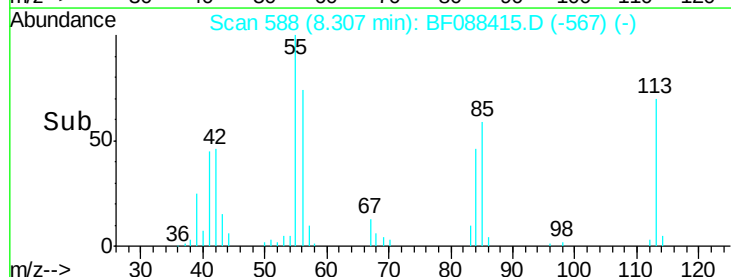
56 106.7 110.6 150.6#

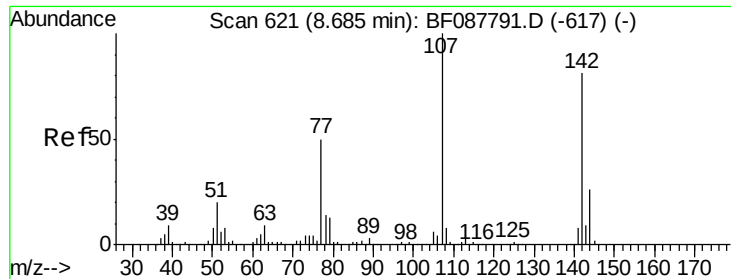


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

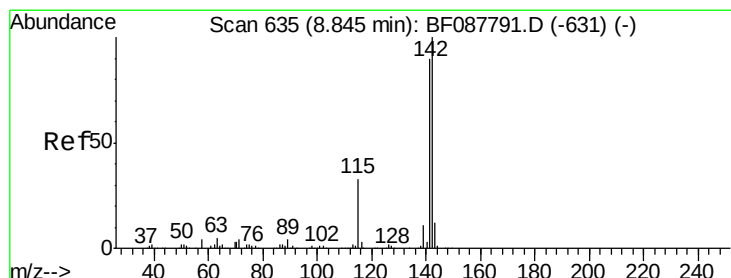
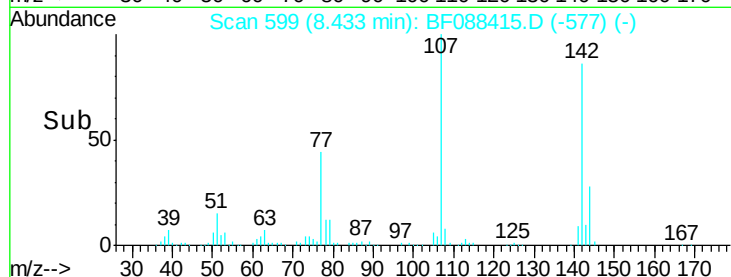
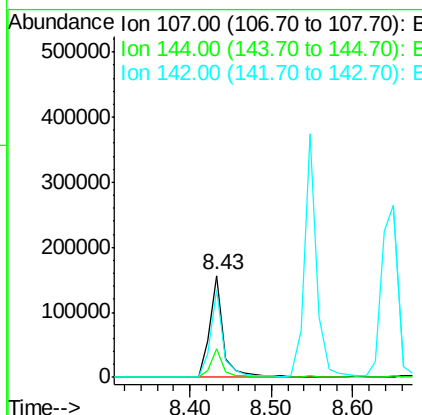
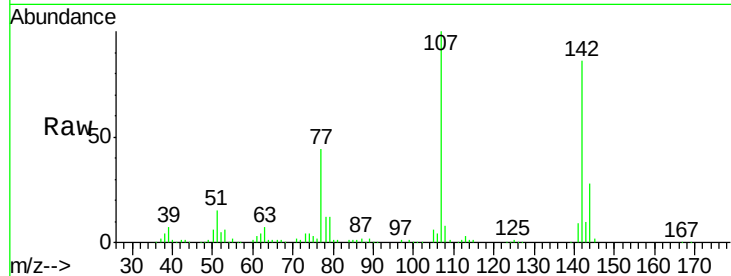




#36
 4-Chloro-3-methylphenol
 Concen: 35.68 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.05 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

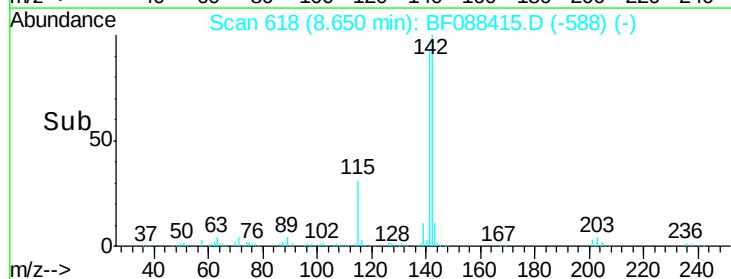
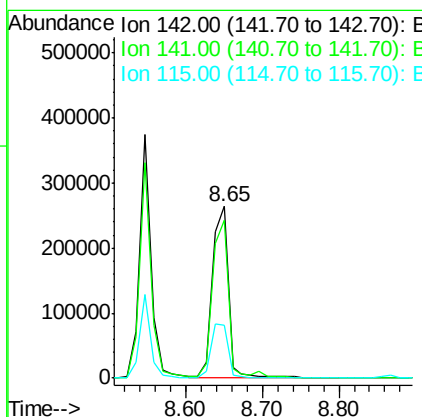
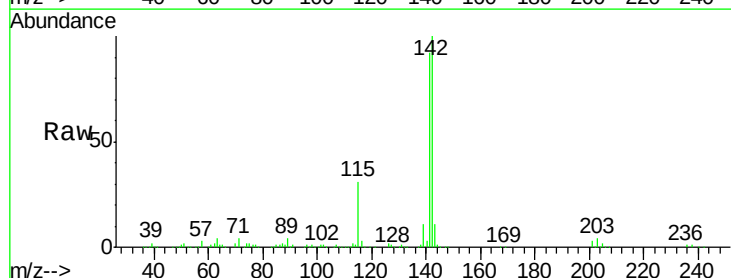
Instrument :
 BNA_G
 ClientSampleId :

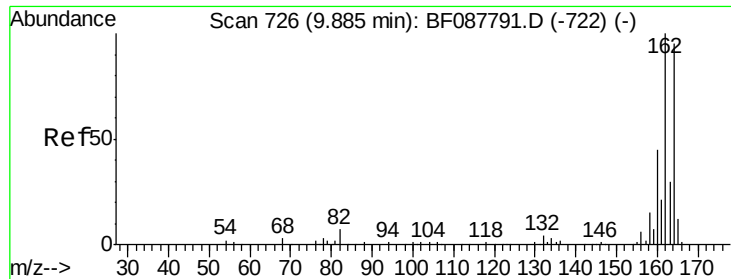
Tot Ion:107 Resp: 188480
 Ion Ratio Lower Upper
 107 100
 144 27.8 20.8 31.2
 142 86.1 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 31.74 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.05 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

Tgt Ion:142 Resp: 374412
 Ion Ratio Lower Upper
 142 100
 141 92.1 71.0 106.6
 115 30.7 22.6 33.8

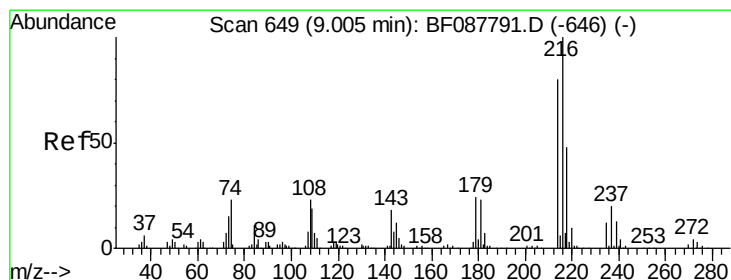
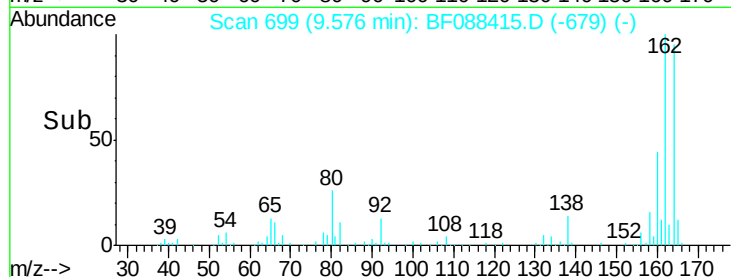
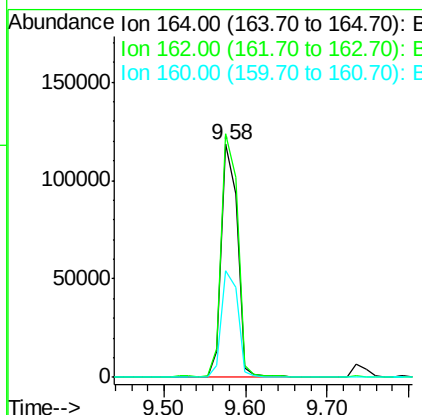
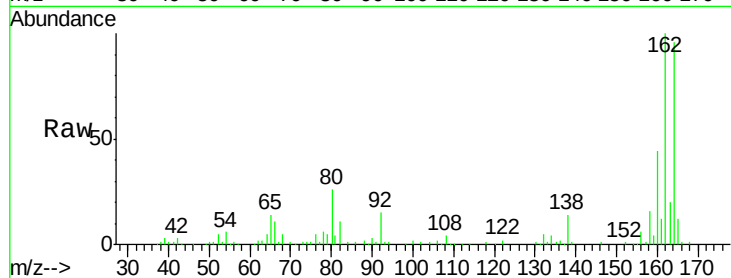




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

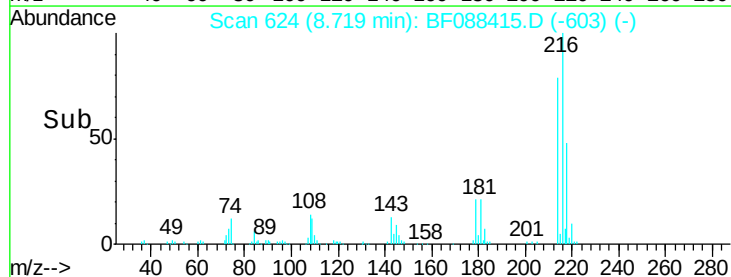
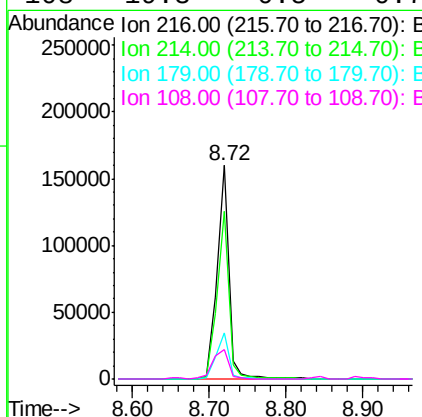
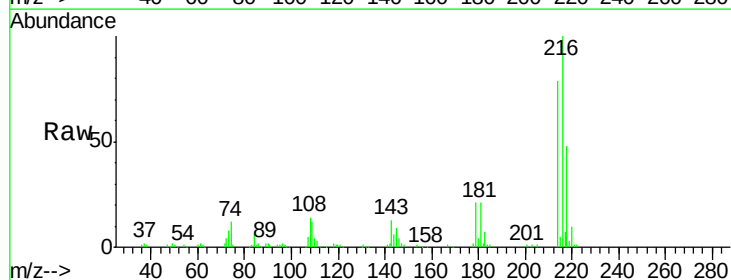
Instrument :
BNA_G
ClientSampleId :

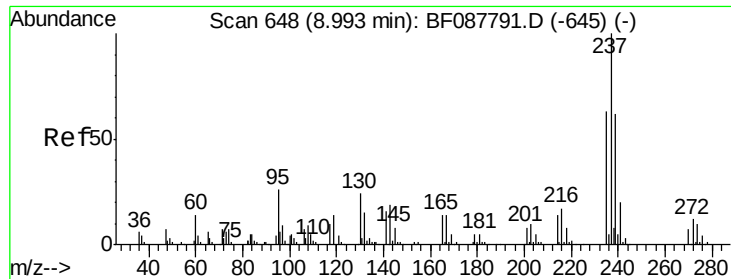
Tot Ion:164 Resp: 161437
Ion Ratio Lower Upper
164 100
162 104.6 85.4 128.2
160 46.0 39.5 59.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.15 ng
RT: 8.72 min Scan# 624
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Tgt Ion:216 Resp: 171837
Ion Ratio Lower Upper
216 100
214 78.7 2.9 4.3#
179 22.2 0.0 0.0#
108 19.3 0.5 0.7#

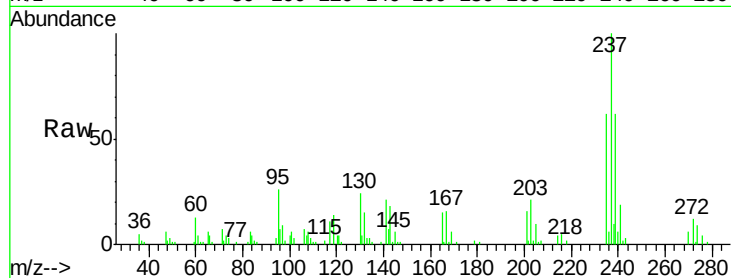




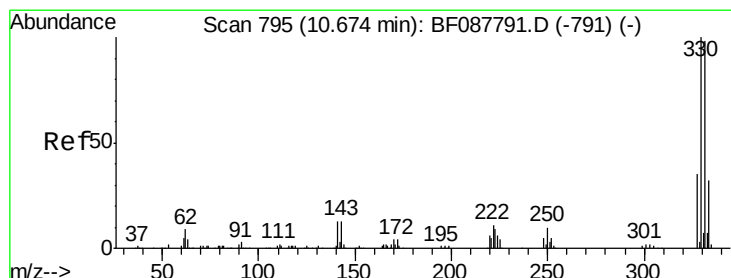
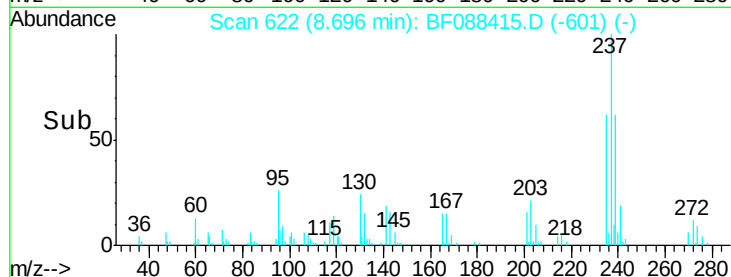
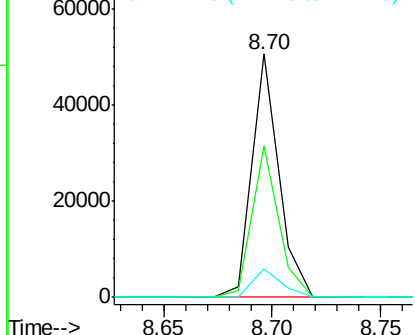
#40
Hexachlorocyclopentadiene
Concen: 16.72 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 43546
Ion Ratio Lower Upper
237 100
235 62.2 43.4 83.4
272 11.6 0.0 32.3

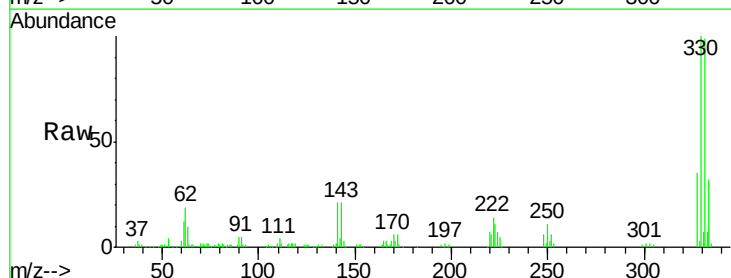


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

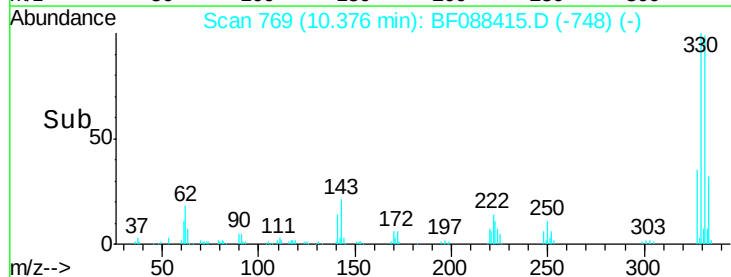
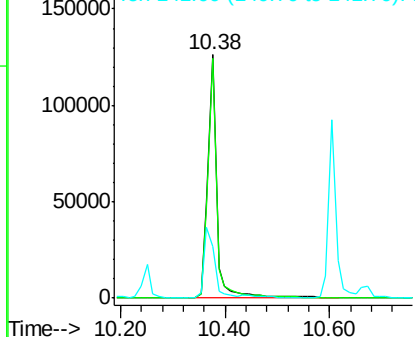


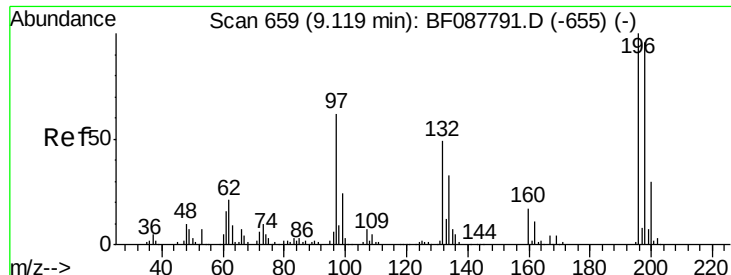
#41
2,4,6-Tribromophenol
Concen: 89.40 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Tgt Ion:330 Resp: 152392
Ion Ratio Lower Upper
330 100
332 97.0 0.0 0.0#
141 37.6 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: 30.46 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

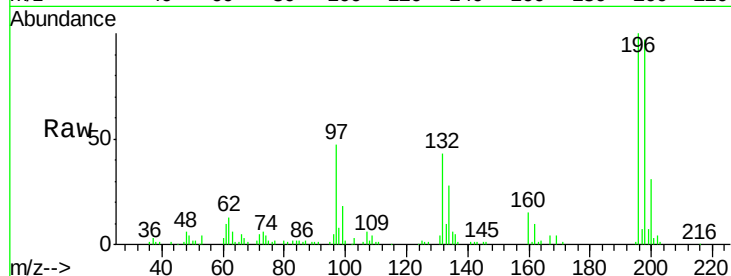
Tot Ion:196 Resp: 98337

Ion Ratio Lower Upper

196 100

198 97.3 78.0 117.0

200 30.9 25.4 38.2

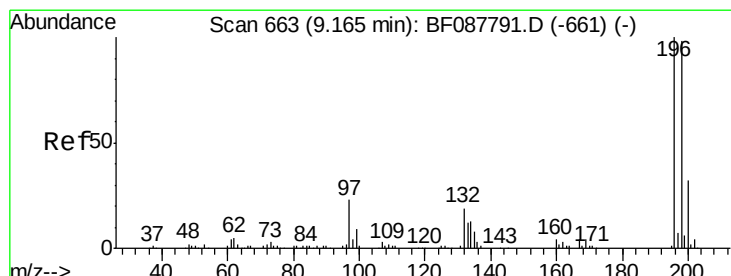
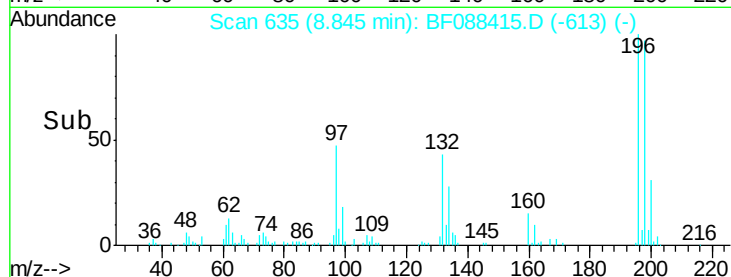
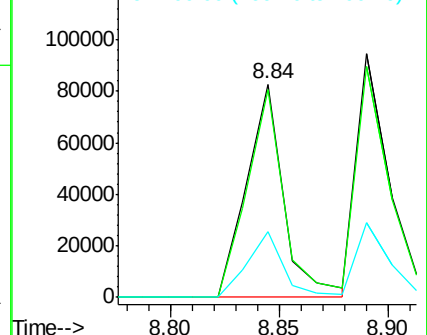


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 32.28 ng

RT: 8.89 min Scan# 639

Delta R.T. -0.05 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Tgt Ion:196 Resp: 108434

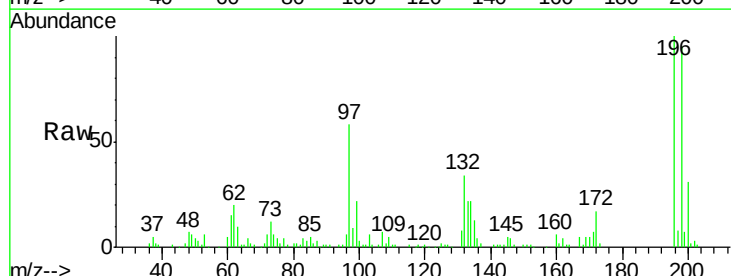
Ion Ratio Lower Upper

196 100

198 94.9 77.5 116.3

97 58.1 32.0 48.0#

132 34.1 20.9 31.3#



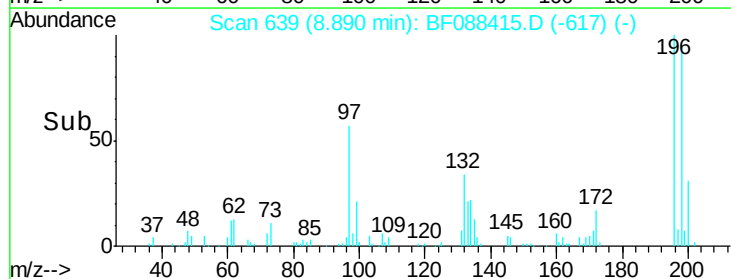
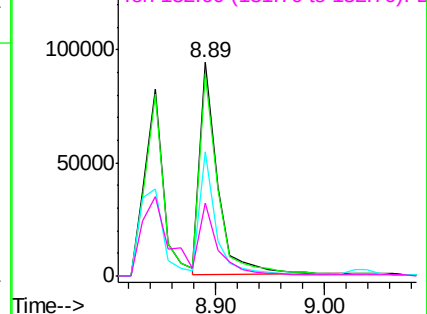
Abundance

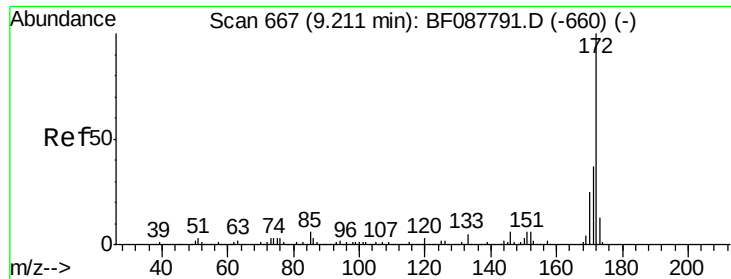
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 66.82 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

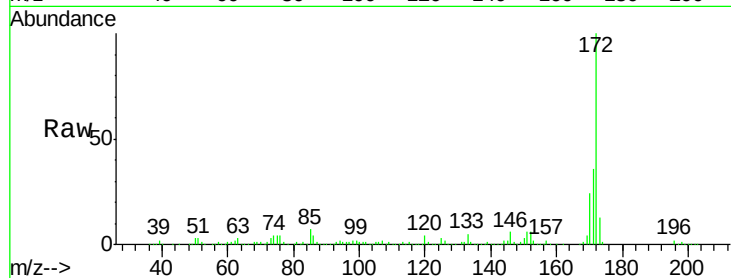
Tot Ion:172 Resp: 698824

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

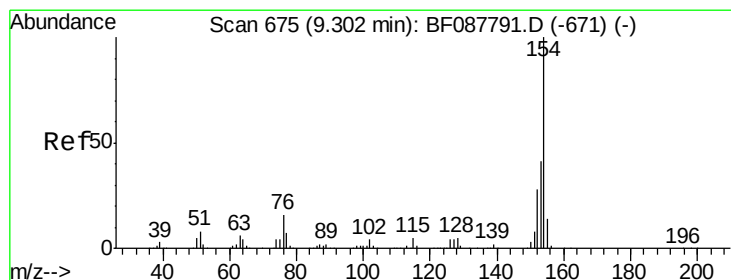
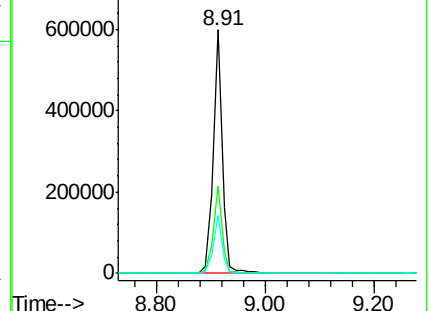
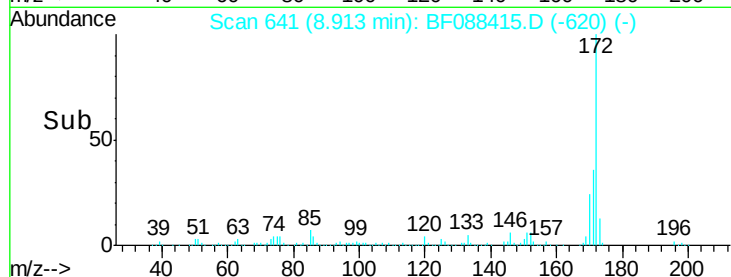
170 23.8 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 40.92 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

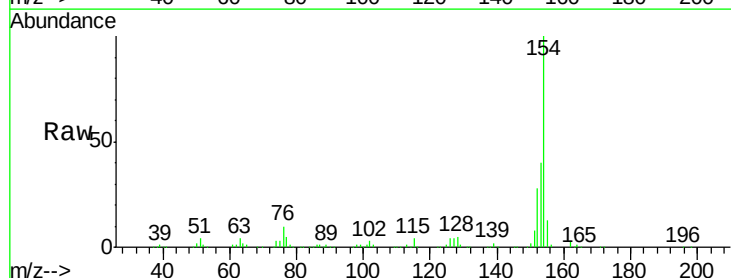
Tgt Ion:154 Resp: 502632

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

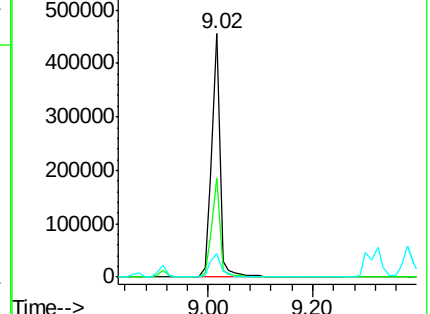
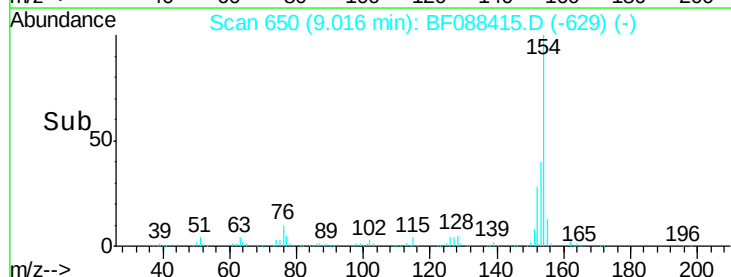
76 9.7 0.0 35.1

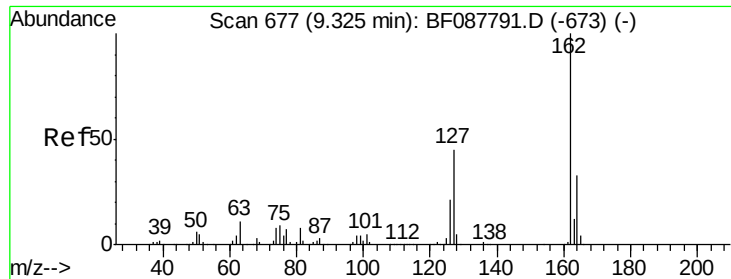


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

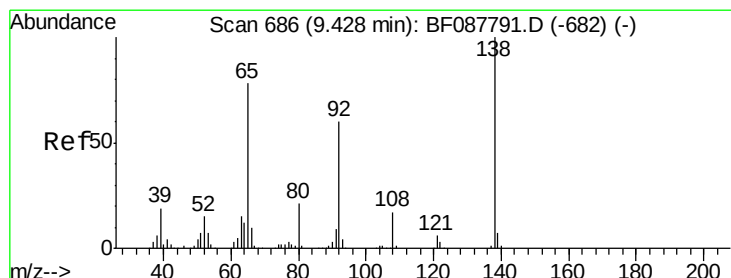
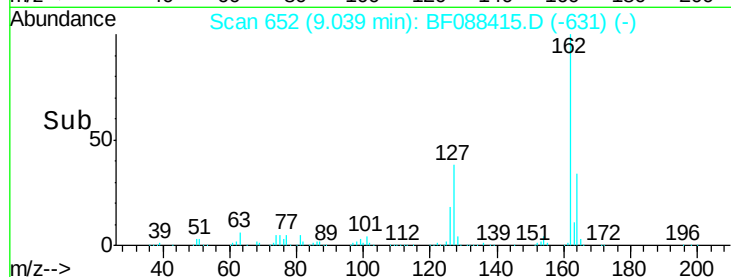
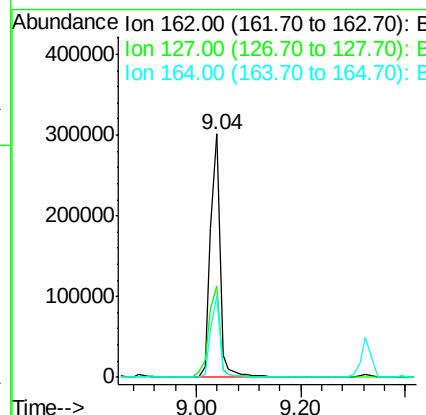
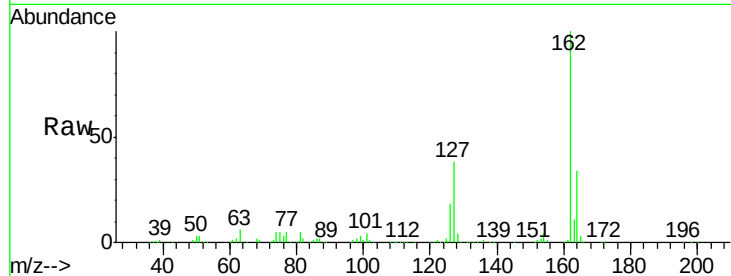




#46
 2-Chloronaphthalene
 Concen: 37.05 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.06 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

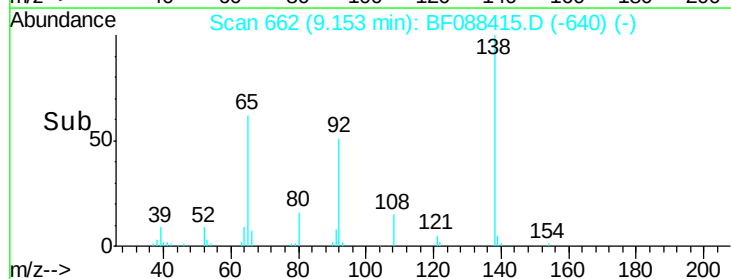
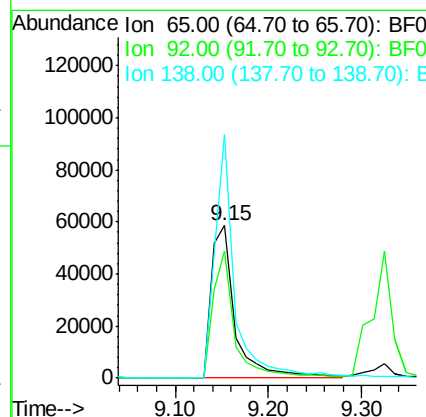
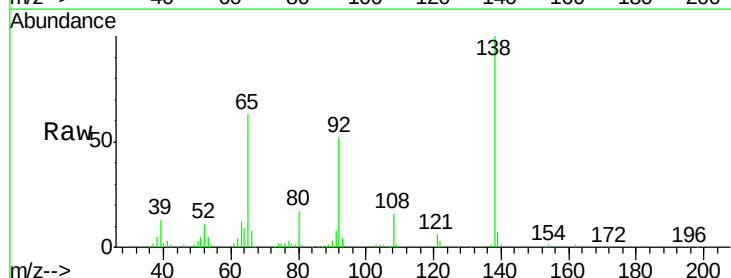
Instrument :
 BNA_G
 ClientSampleId :

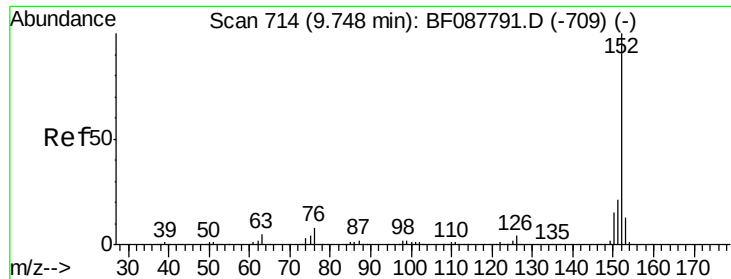
Tot Ion:162 Resp: 387029
 Ion Ratio Lower Upper
 162 100
 127 37.7 35.2 52.8
 164 33.5 26.6 39.8



#47
 2-Nitroaniline
 Concen: 34.19 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.05 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

Tgt Ion: 65 Resp: 105352
 Ion Ratio Lower Upper
 65 100
 92 83.1 54.6 82.0#
 138 159.5 77.0 115.4#





#48

Acenaphthylene

Concen: 33.60 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

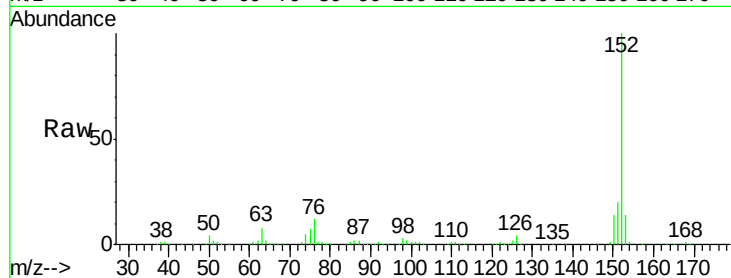
Tot Ion:152 Resp: 558277

Ion Ratio Lower Upper

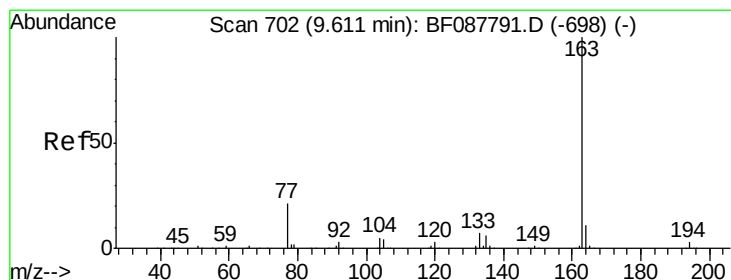
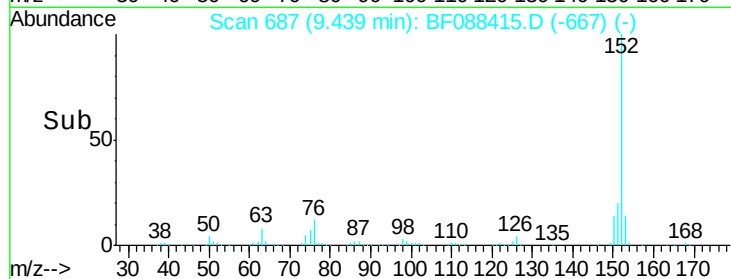
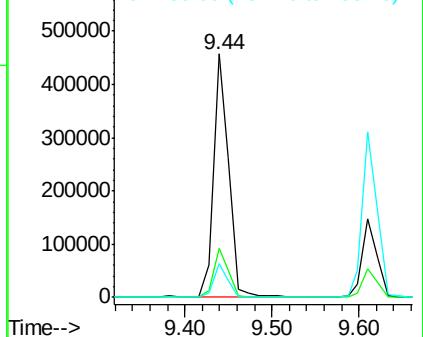
152 100

151 20.4 16.2 24.4

153 13.7 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: 56.75 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

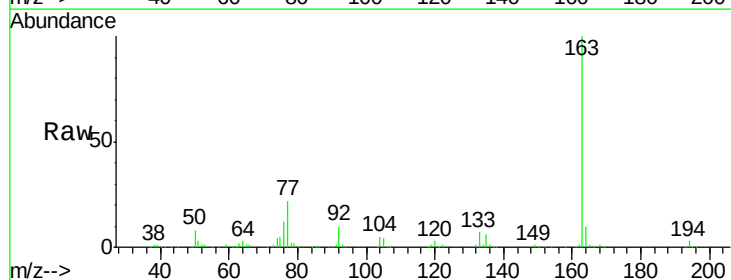
Tgt Ion:163 Resp: 663600

Ion Ratio Lower Upper

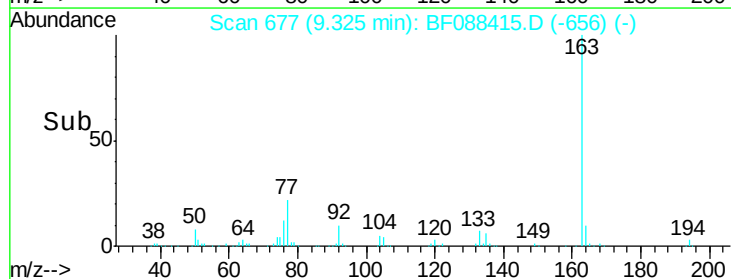
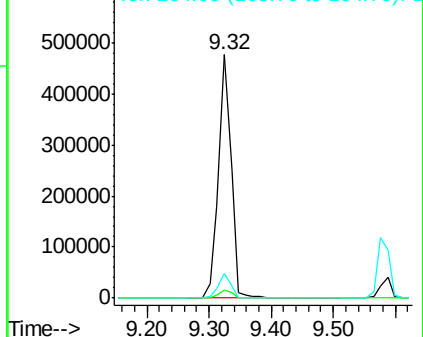
163 100

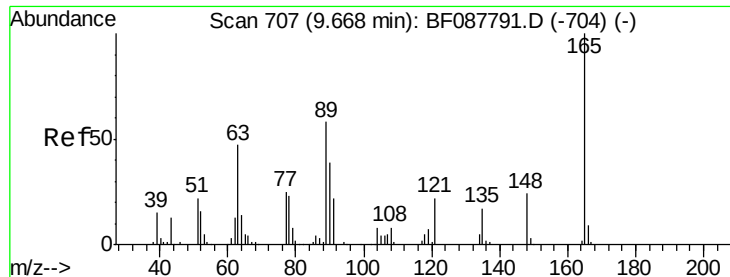
194 3.2 2.8 4.2

164 10.4 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

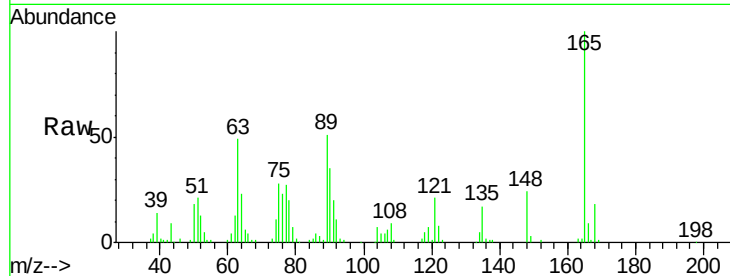




#50
2,6-Dinitrotoluene
Concen: 37.90 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Instrument :
BNA_G
ClientSampleId :

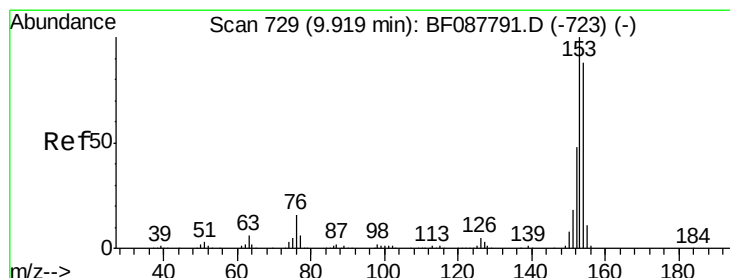
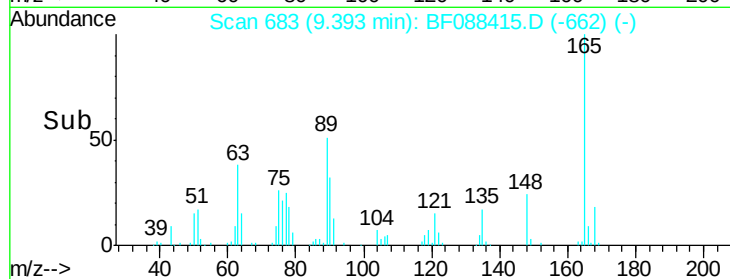
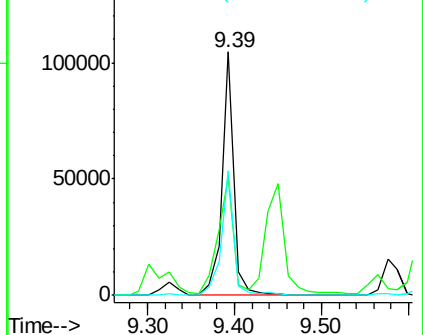
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.6	28.1	42.1#
89	51.2	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

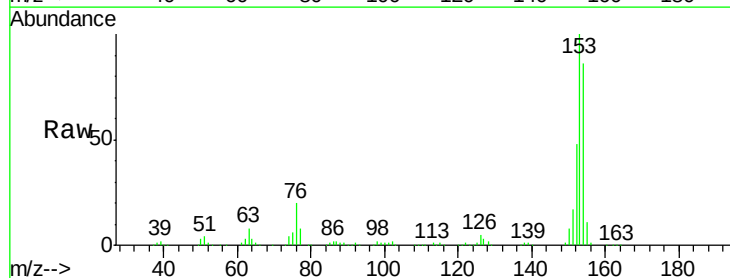
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
Acenaphthene
Concen: 31.10 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.07 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

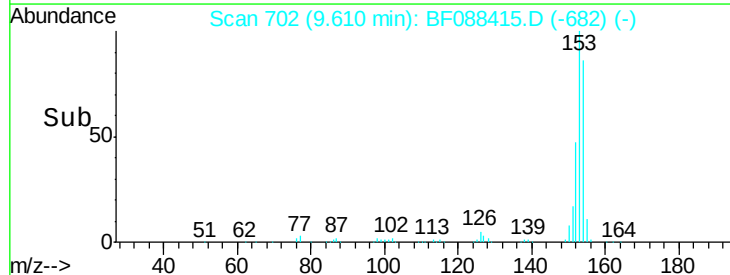
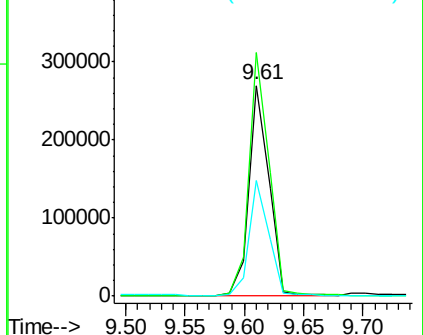
Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.5	134.3
152	55.0	42.7	64.1

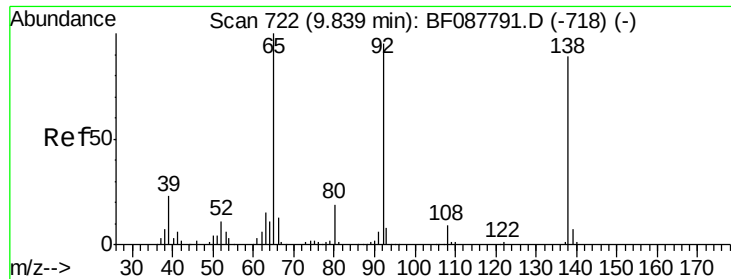


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 26.99 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

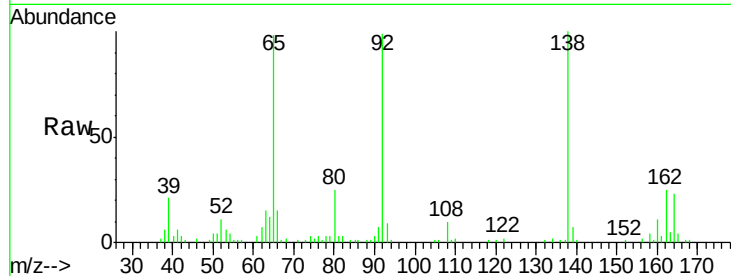
Tot Ion:138 Resp: 83421

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

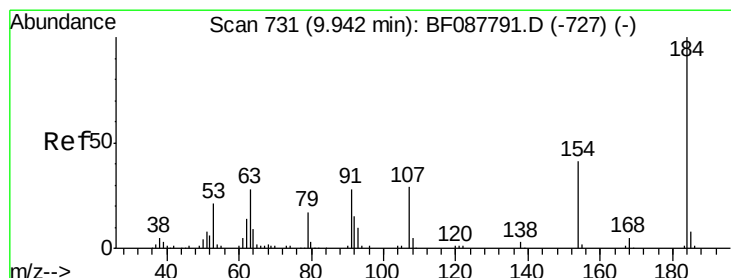
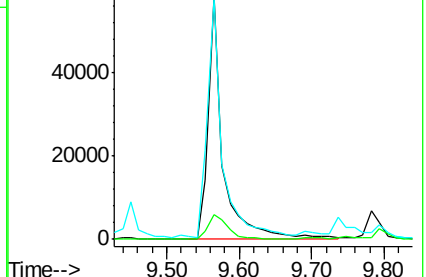
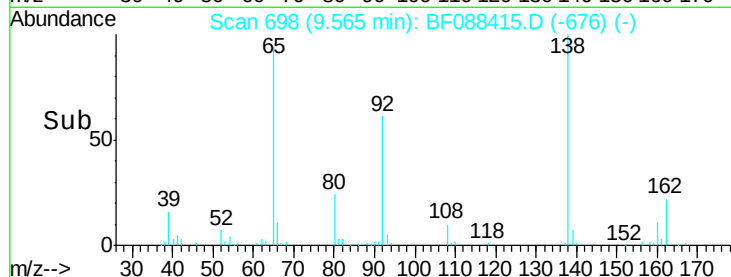
92 99.0 95.7 143.5



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: 12.51 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.03 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

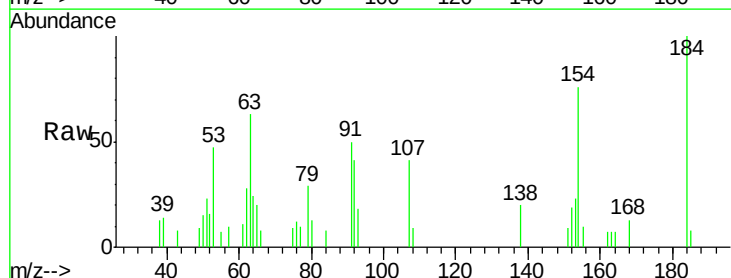
Tgt Ion:184 Resp: 11695

Ion Ratio Lower Upper

184 100

63 63.0 57.6 86.4

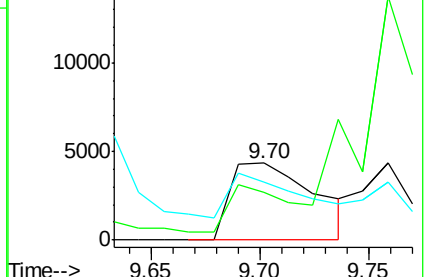
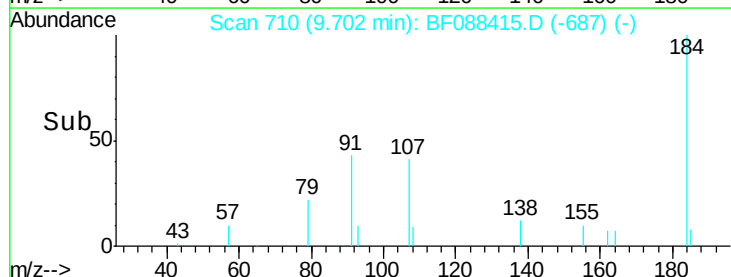
154 76.1 53.5 80.3

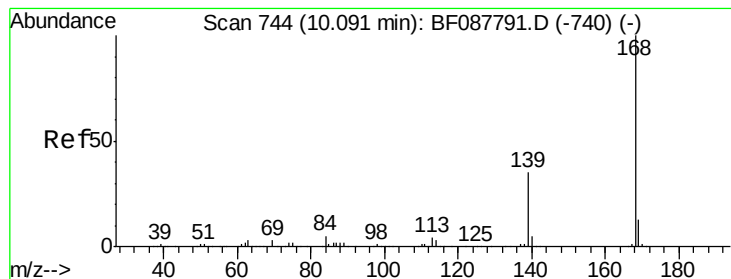


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 34.32 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.07 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampled :

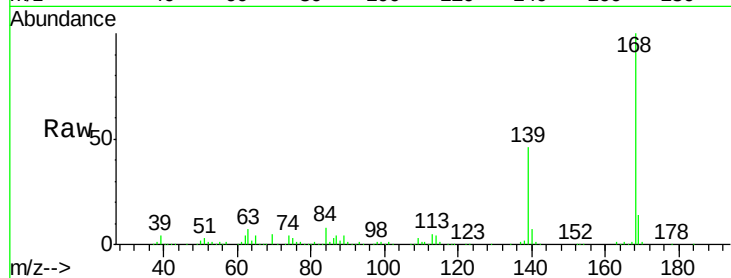
Tot Ion:168 Resp: 489907

Ion Ratio Lower Upper

168 100

139 46.2 26.4 39.6#

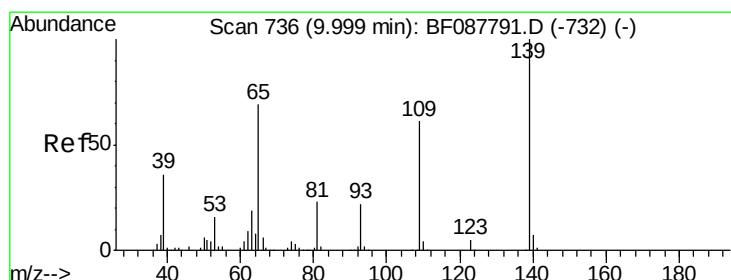
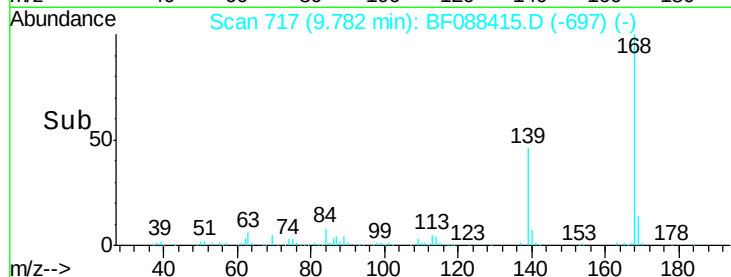
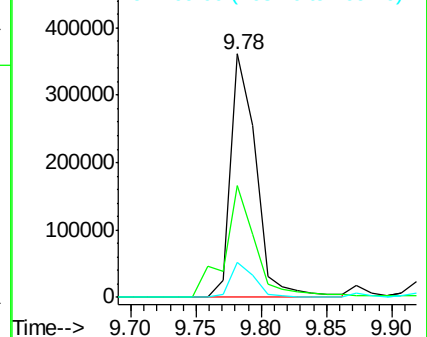
169 14.1 10.4 15.6



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: 120.96 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

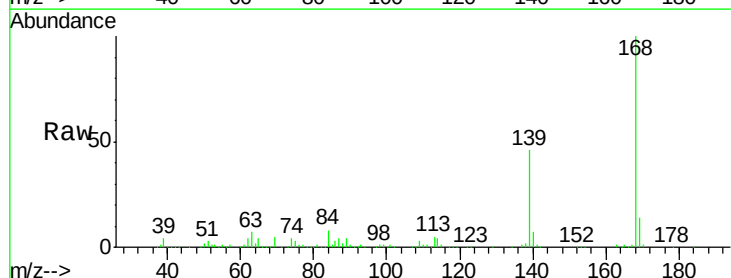
Tgt Ion:139 Resp: 290141

Ion Ratio Lower Upper

139 100

109 6.6 48.9 88.9#

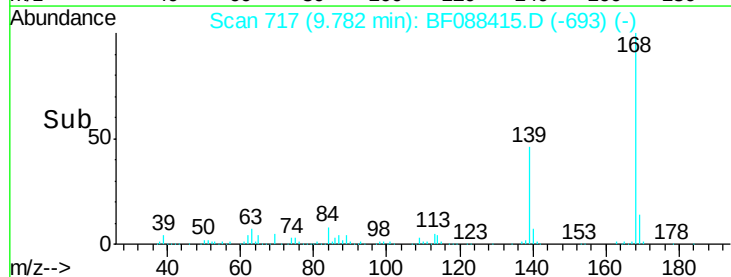
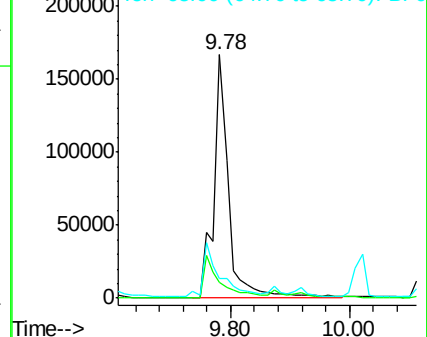
65 8.2 84.9 124.9#

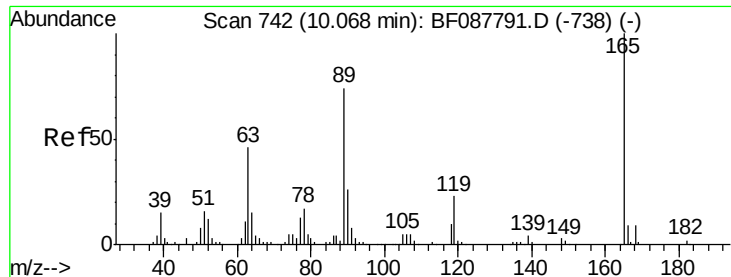


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

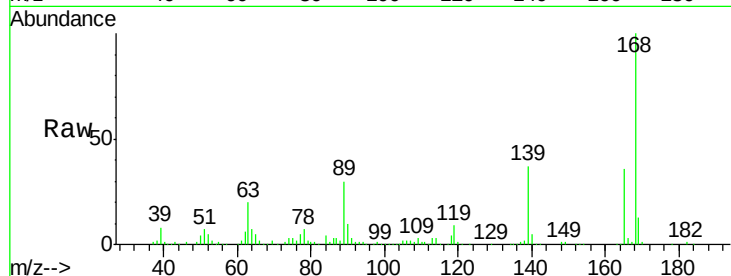




#56
2,4-Dinitrotoluene
Concen: 37.29 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.7	22.0	33.0#
89	83.1	41.1	61.7#
182	2.3	2.0	3.0

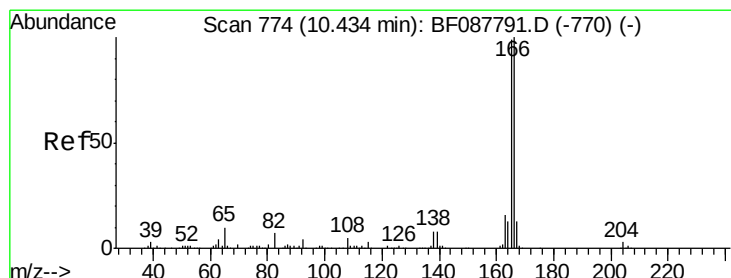
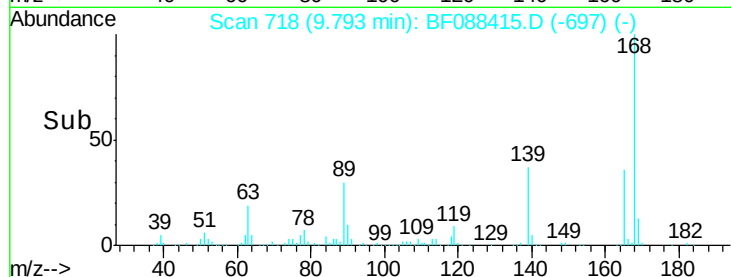
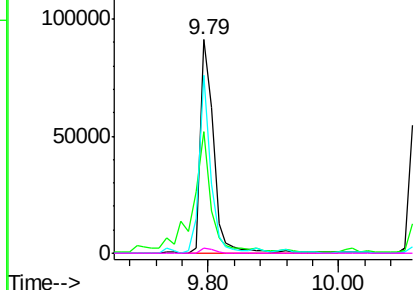


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

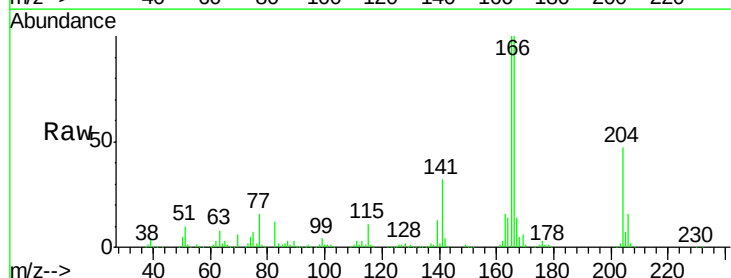
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 37.19 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.07 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

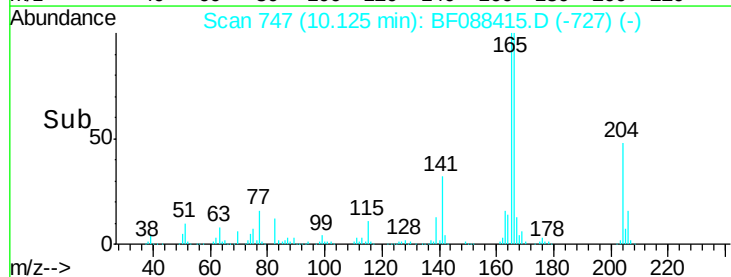
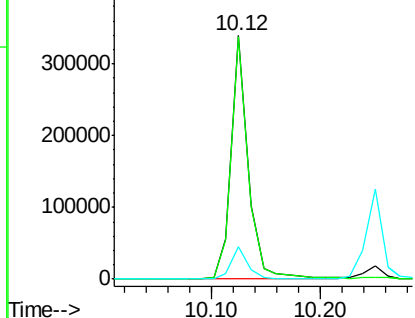
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.8	116.8
167	13.6	11.2	16.8

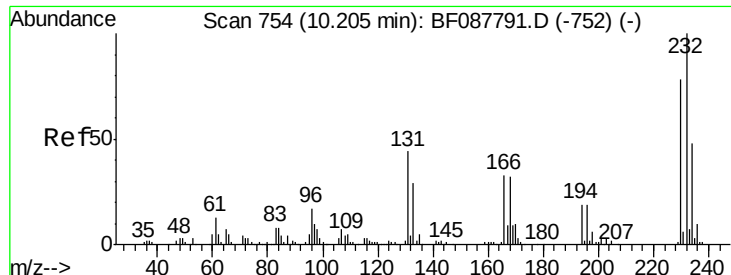


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

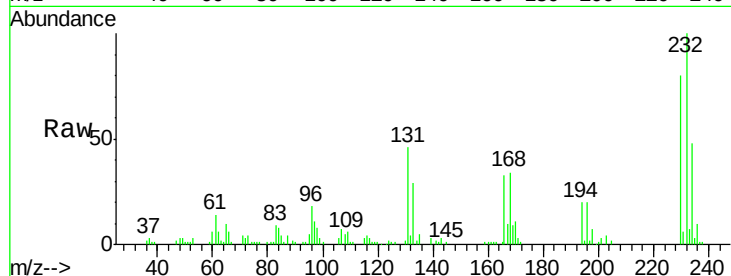




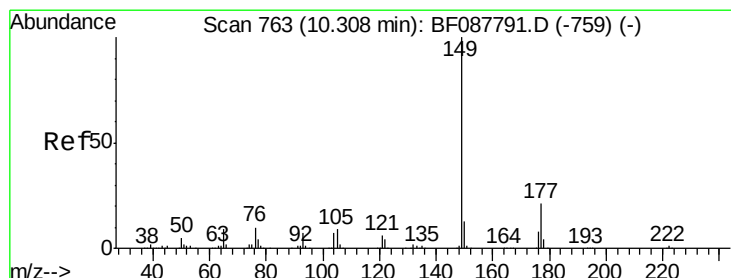
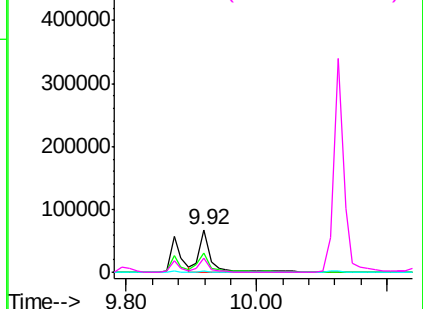
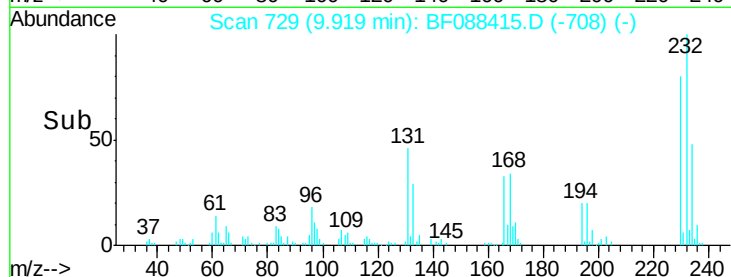
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.34 ng
 RT: 9.92 min Scan# 729
 Delta R.T. -0.06 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232 Resp: 85359
 Ion Ratio Lower Upper
 232 100
 131 46.3 0.9 1.3#
 130 2.1 1.5 2.3
 166 28.8 0.5 0.7#

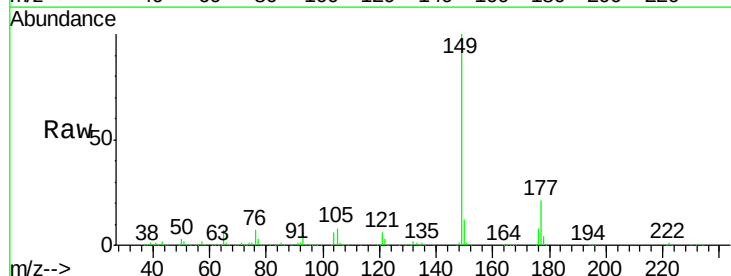


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

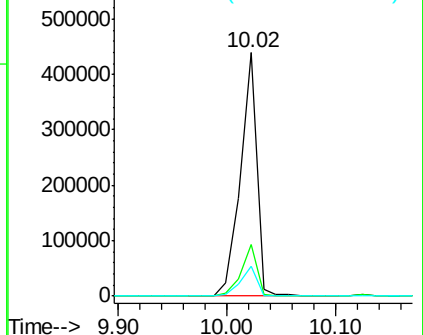
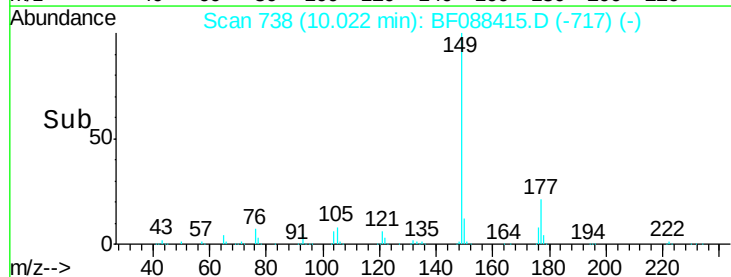


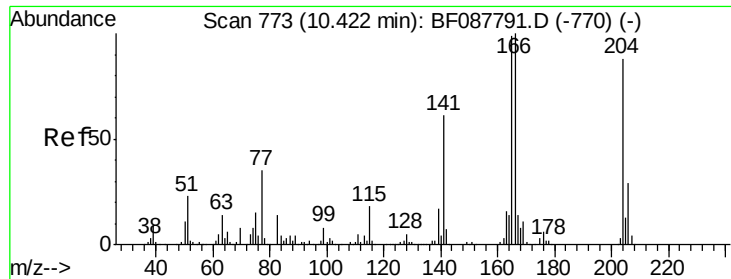
#59
 Diethylphthalate
 Concen: 38.34 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.06 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

Tgt Ion:149 Resp: 453853
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.9 25.3
 150 12.2 10.1 15.1



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

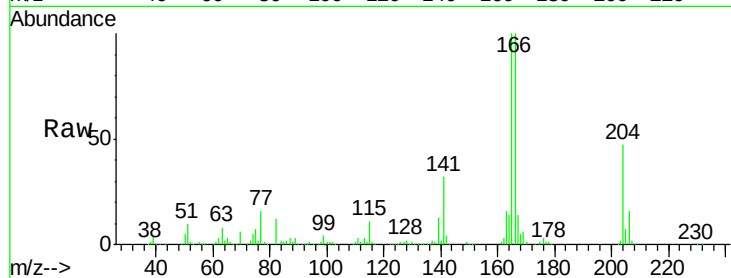




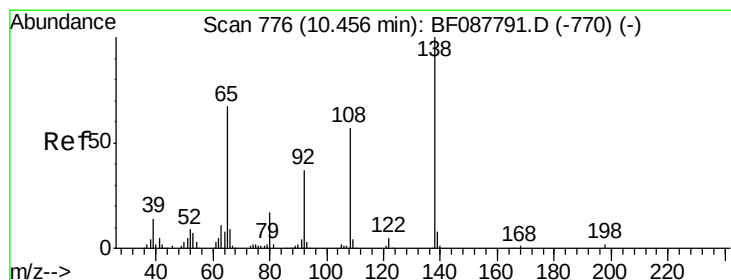
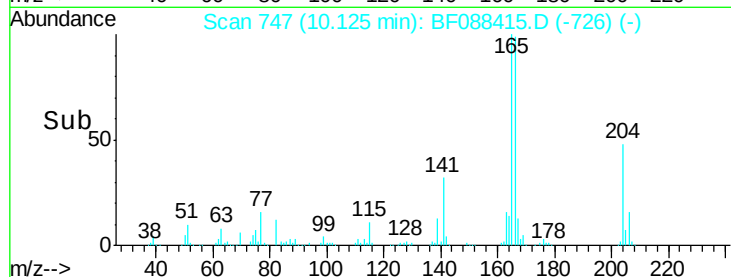
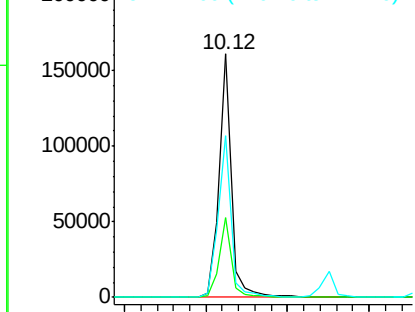
#60
4-Chlorophenyl-phenylether
Concen: 35.84 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 170137
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 66.4 55.0 82.6

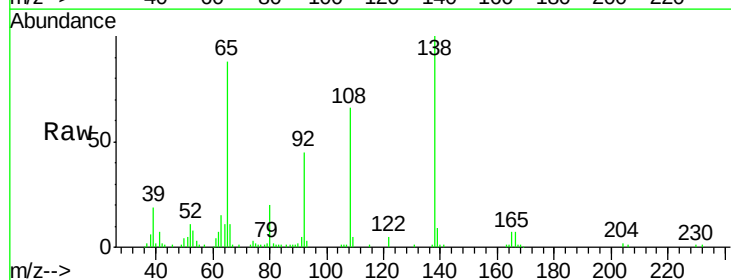


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

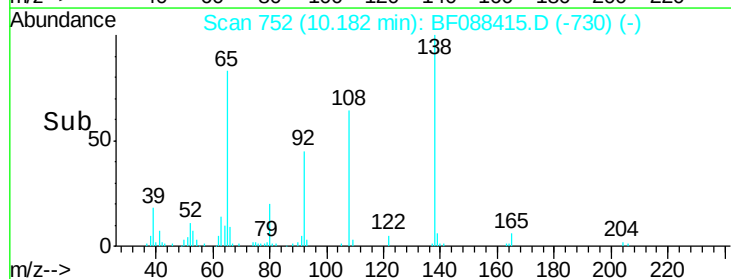
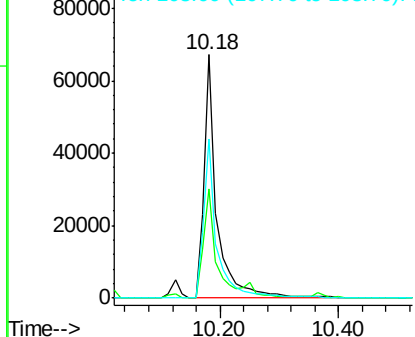


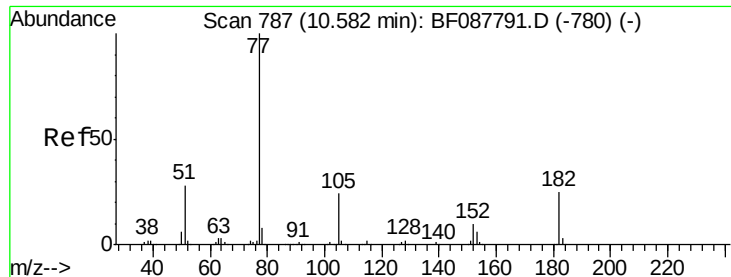
#61
4-Nitroaniline
Concen: 35.25 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.05 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Tgt Ion:138 Resp: 103336
Ion Ratio Lower Upper
138 100
92 44.7 27.3 67.3
108 65.5 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: 36.09 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 422451

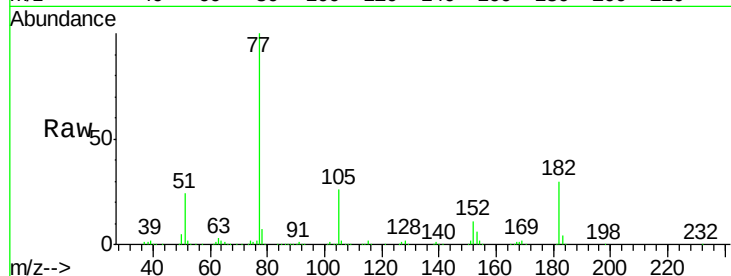
Ion Ratio Lower Upper

77 100

182 29.9 4.4 44.4

105 25.6 3.8 43.8

51 24.0 9.3 49.3

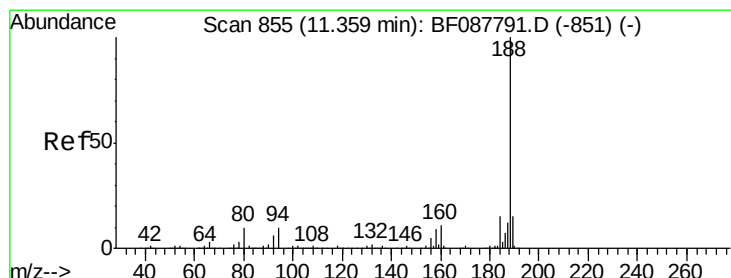
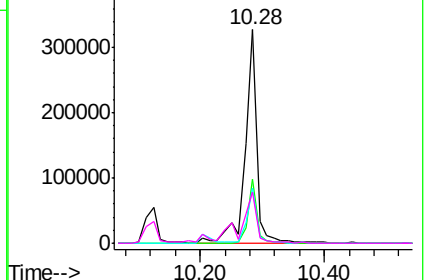
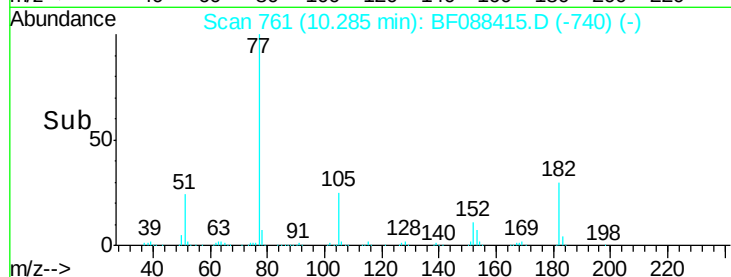


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.05 min Scan# 828

Delta R.T. -0.07 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

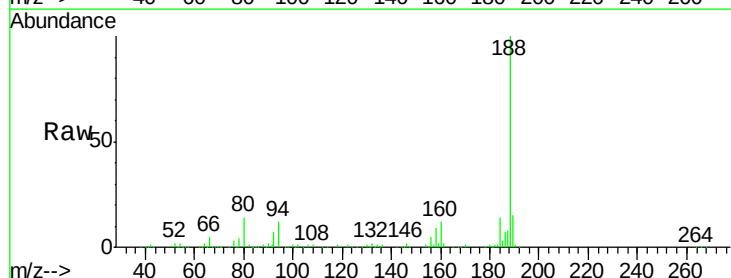
Tgt Ion: 188 Resp: 301803

Ion Ratio Lower Upper

188 100

94 12.4 9.0 13.6

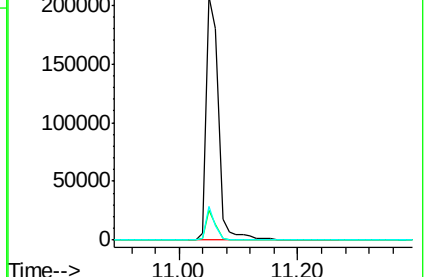
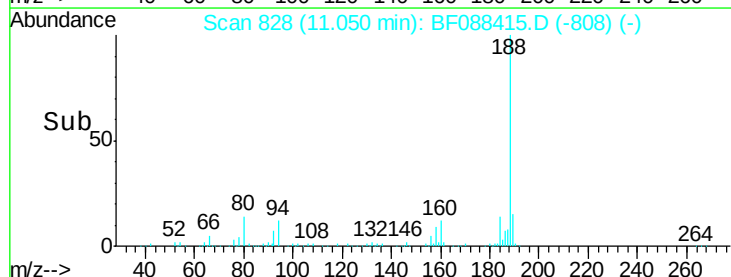
80 13.9 10.0 15.0

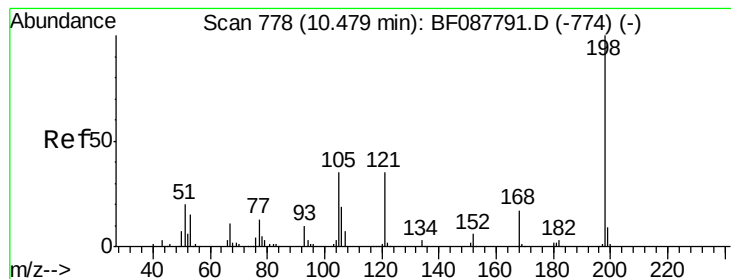


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.38 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampled :

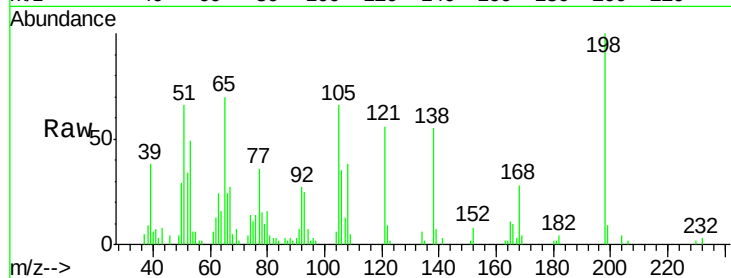
Tot Ion:198 Resp: 37917

Ion Ratio Lower Upper

198 100

51 65.7 39.6 79.6

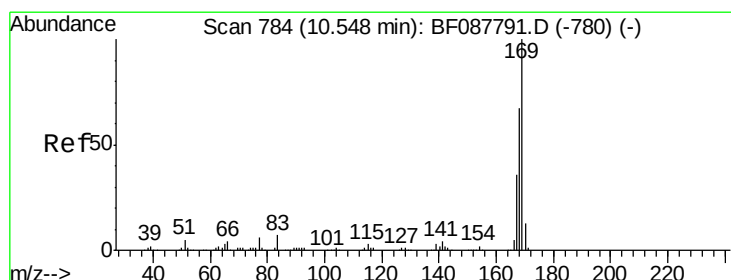
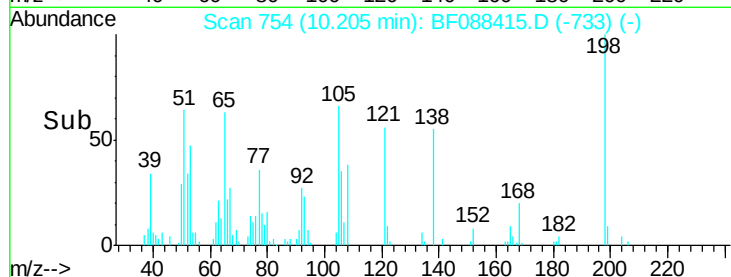
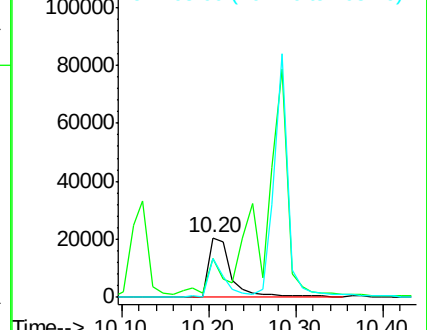
105 65.8 36.6 76.6



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: 36.93 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

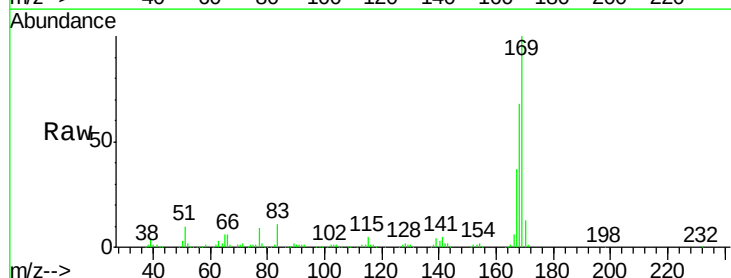
Tgt Ion:169 Resp: 369795

Ion Ratio Lower Upper

169 100

168 68.3 53.4 80.0

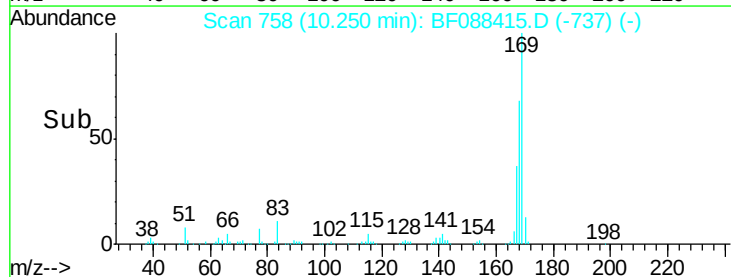
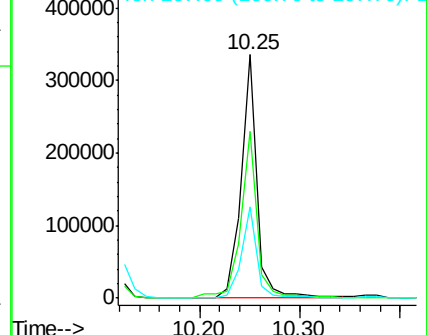
167 37.3 29.4 44.0

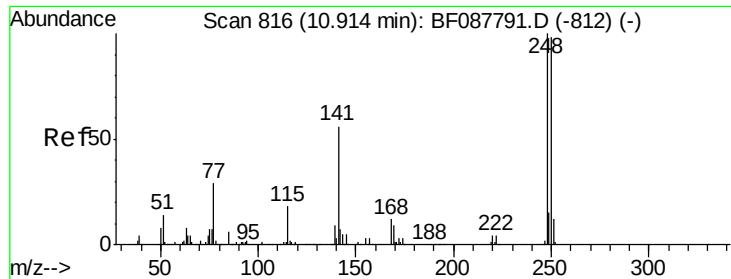


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

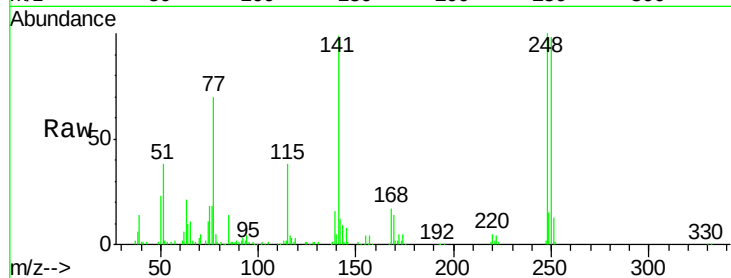




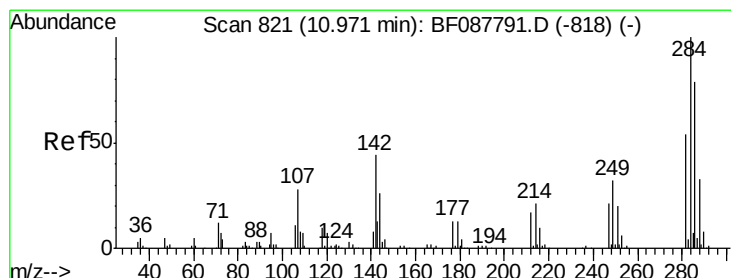
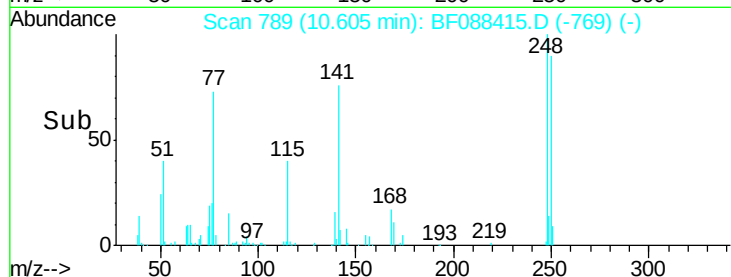
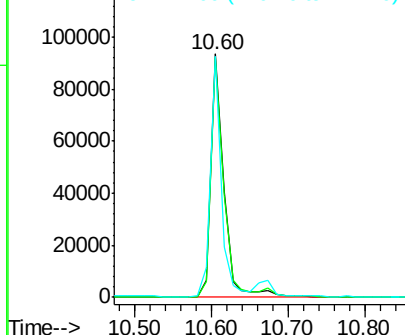
#66
4-Bromophenyl-phenylether
Concen: 33.74 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.07 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 109233
Ion Ratio Lower Upper
248 100
250 98.4 77.1 115.7
141 99.1 50.6 76.0#

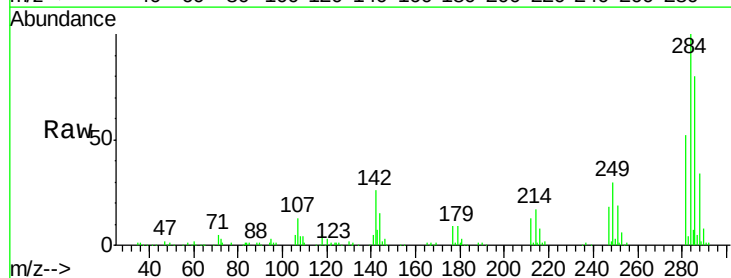


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

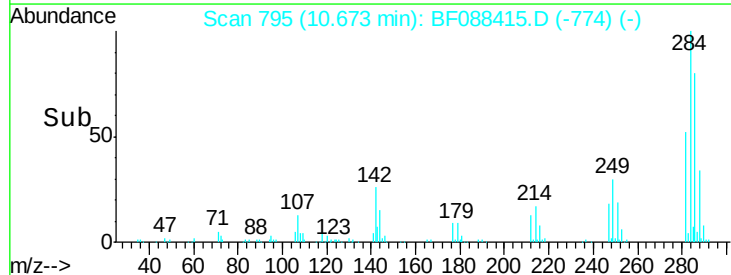
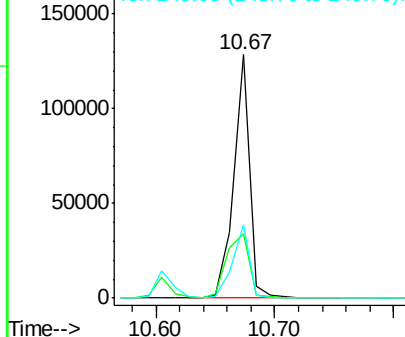


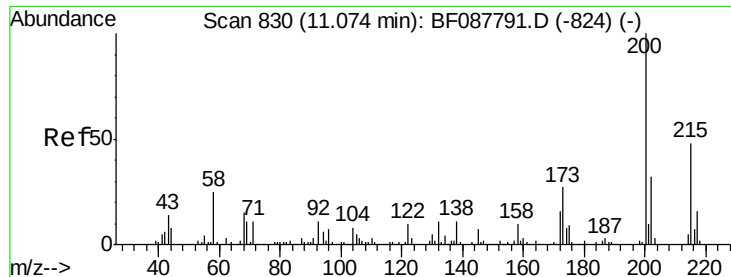
#67
Hexachlorobenzene
Concen: 35.60 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Tgt Ion:284 Resp: 119779
Ion Ratio Lower Upper
284 100
142 26.2 35.8 53.8#
249 29.9 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

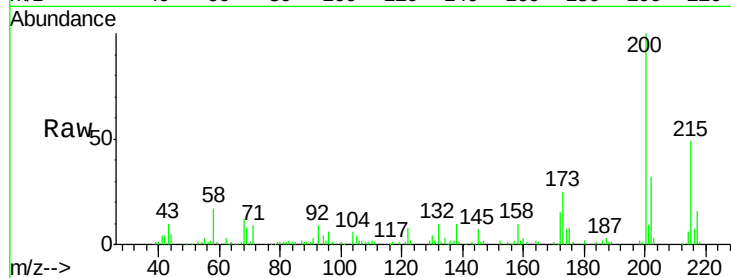




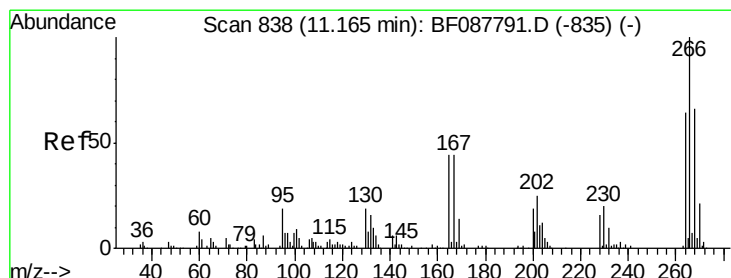
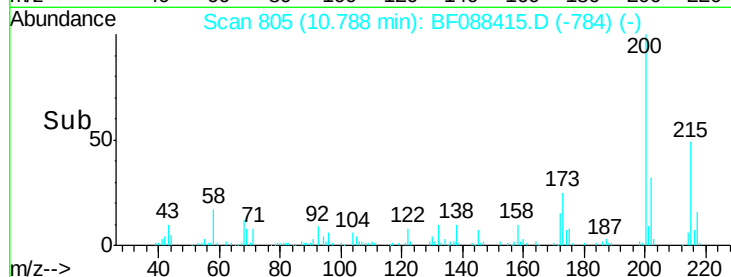
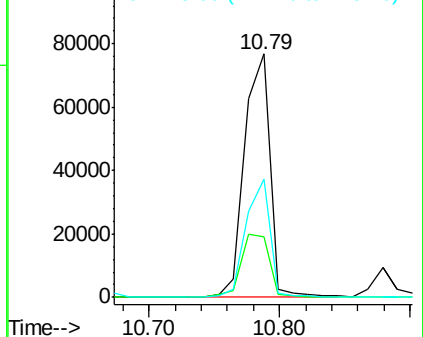
#68
Atrazine
Concen: 34.38 ng
RT: 10.79 min Scan# 805
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.0	44.0
215	48.6	29.3	69.3

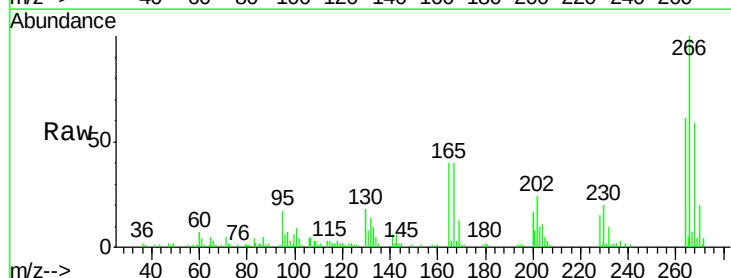


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

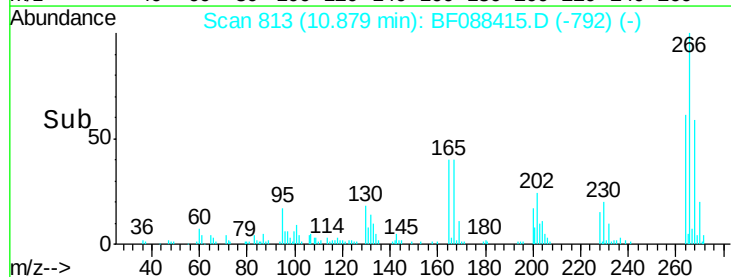
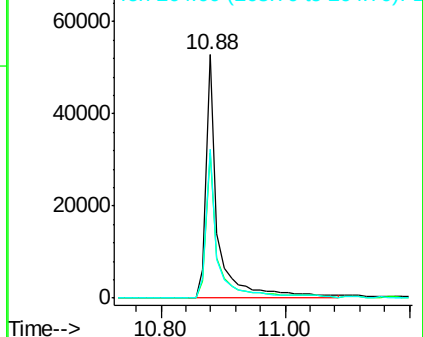


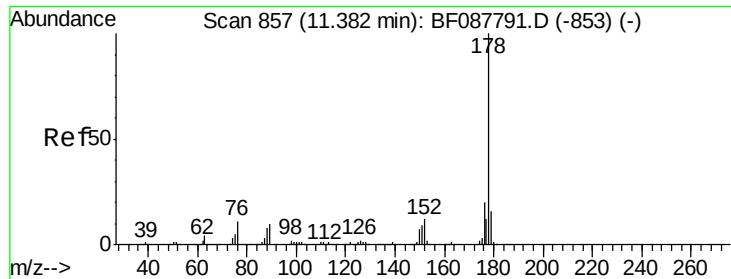
#69
Pentachlorophenol
Concen: 39.89 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.4	52.8	79.2
264	61.3	49.6	74.4



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

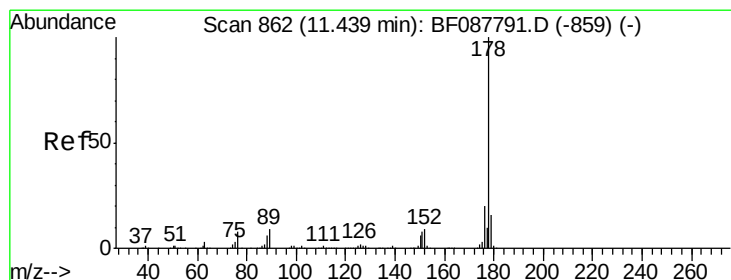
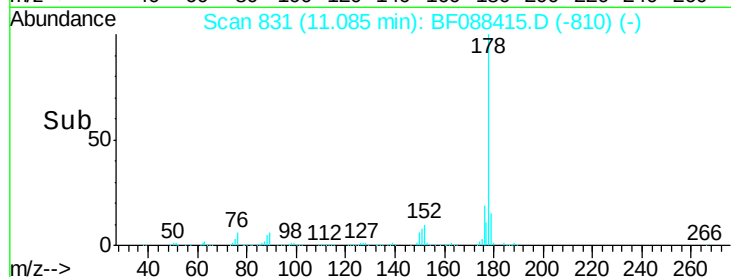
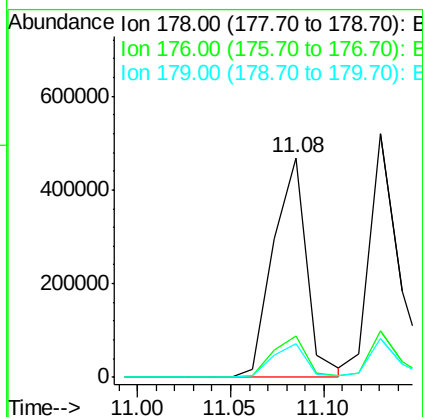
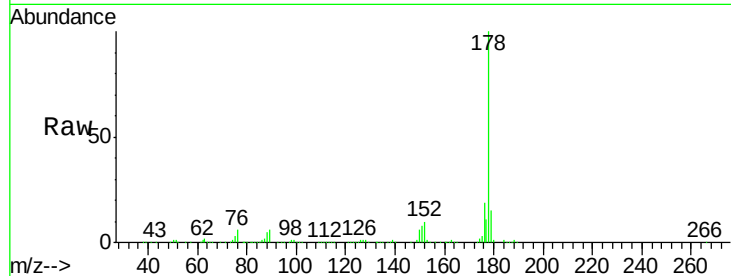




#70
Phenanthrene
Concen: 36.79 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.06 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

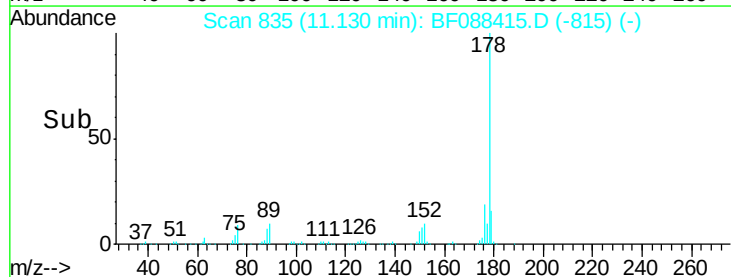
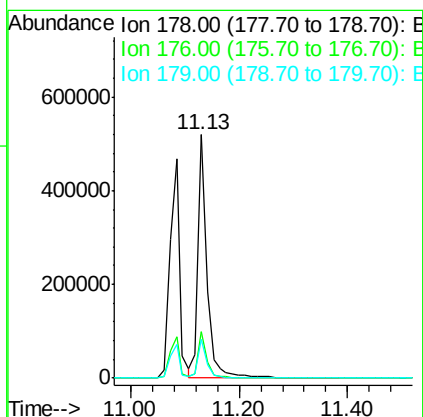
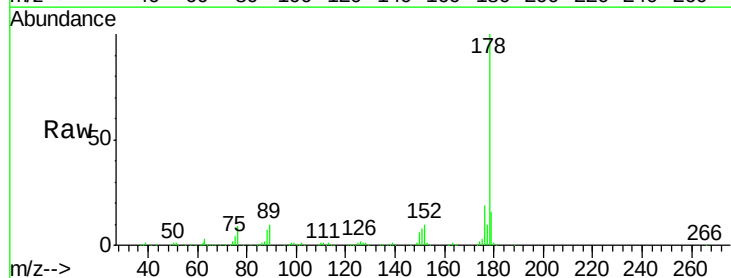
Instrument :
BNA_G
ClientSampleId :

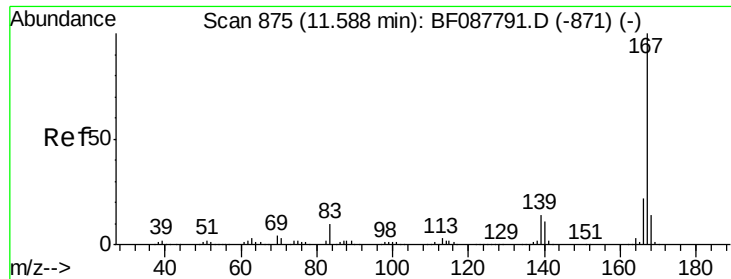
Tot Ion:178 Resp: 582593
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.2 13.0 19.4



#71
Anthracene
Concen: 36.92 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.07 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Tgt Ion:178 Resp: 589844
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.8 12.8 19.2





#72

Carbazole

Concen: 38.07 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

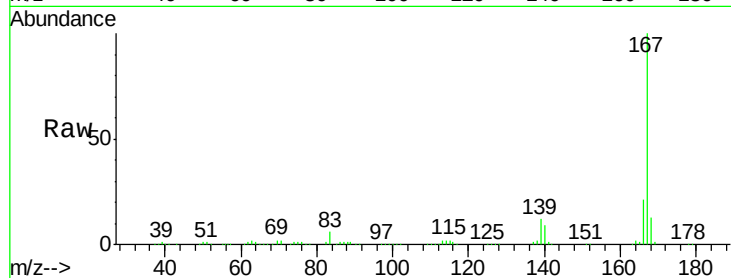
Tot Ion:167 Resp: 569105

Ion Ratio Lower Upper

167 100

166 21.4 17.8 26.6

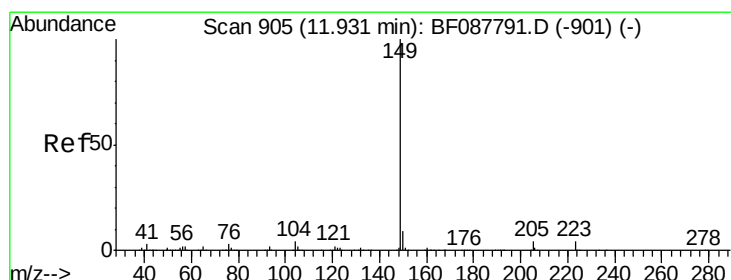
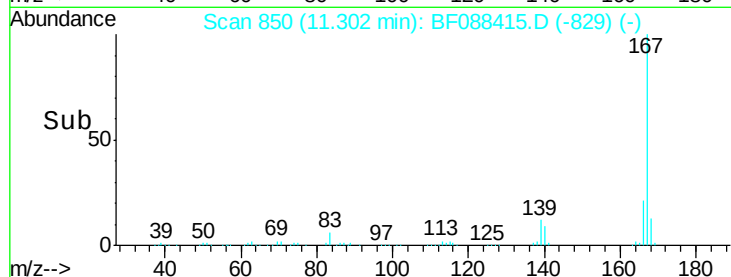
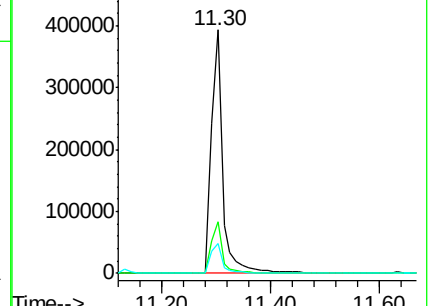
139 12.2 11.2 16.8



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: 35.64 ng

RT: 11.63 min Scan# 879

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

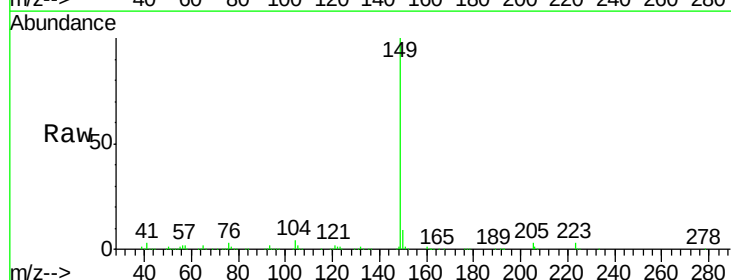
Tgt Ion:149 Resp: 674501

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

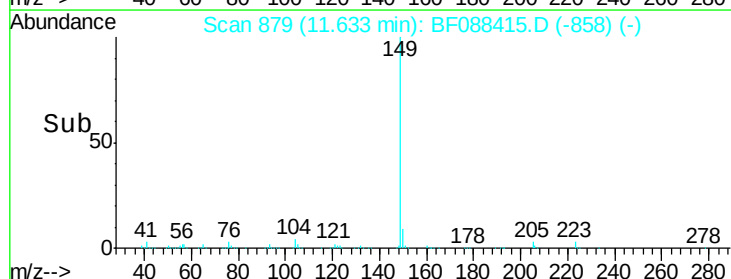
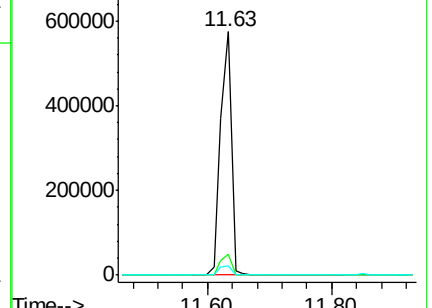
104 3.7 4.0 6.0#

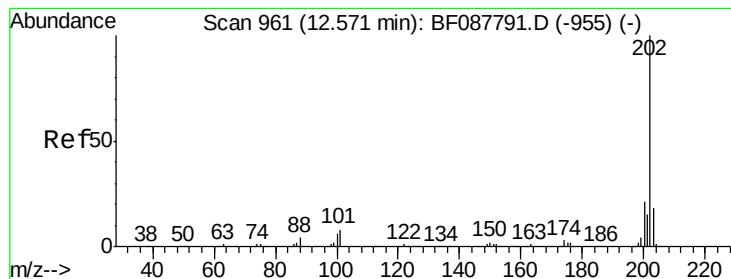


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 37.28 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

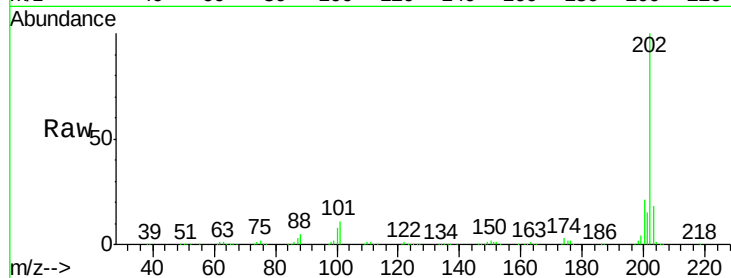
Tot Ion:202 Resp: 623077

Ion Ratio Lower Upper

202 100

101 10.7 0.0 33.1

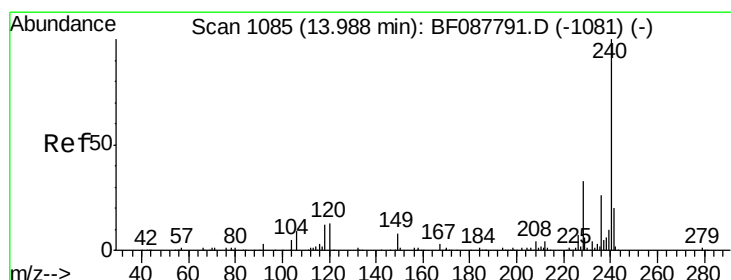
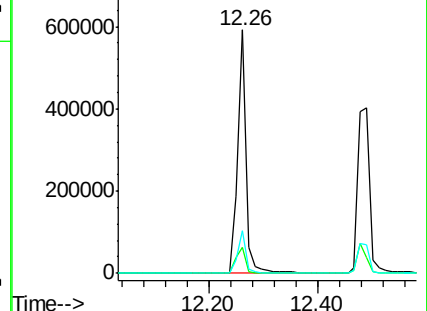
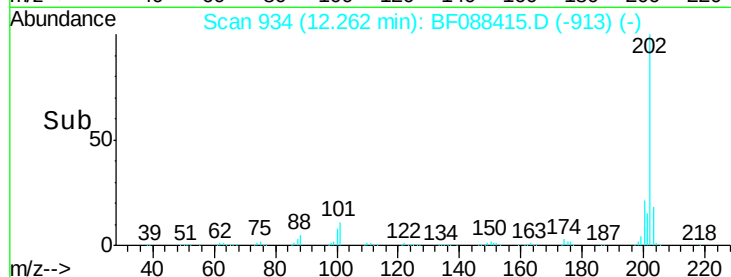
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.07 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

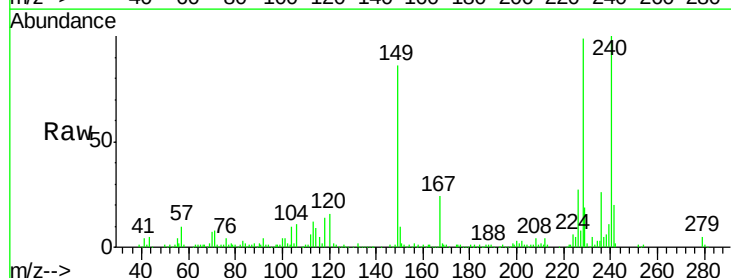
Tgt Ion:240 Resp: 215858

Ion Ratio Lower Upper

240 100

120 15.9 6.8 10.2#

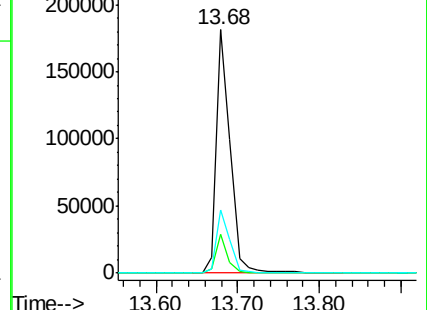
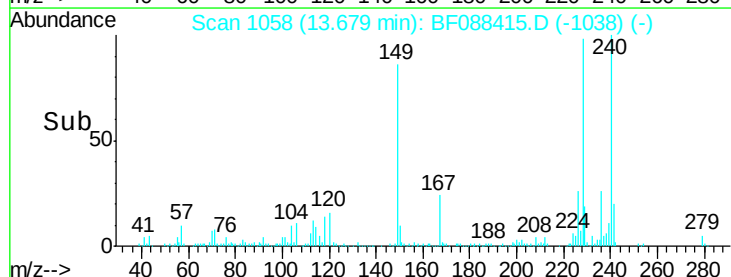
236 25.8 20.2 30.2

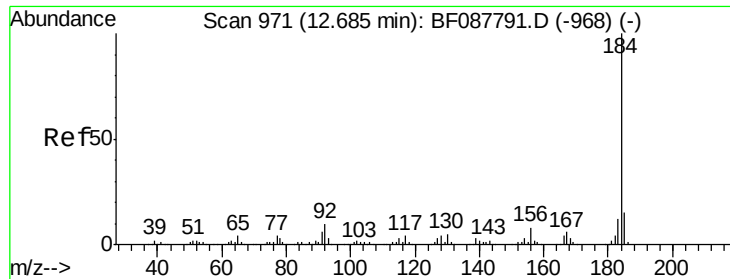


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 33.26 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

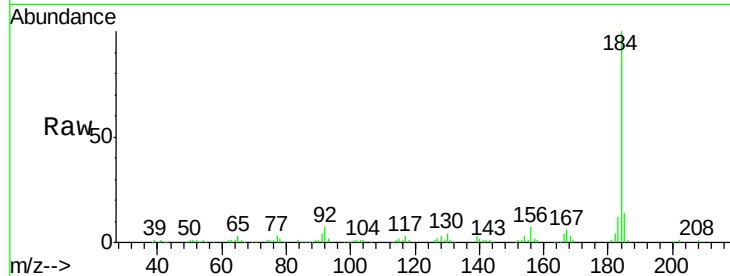
Tot Ion:184 Resp: 198774

Ion Ratio Lower Upper

184 100

185 13.6 12.5 18.7

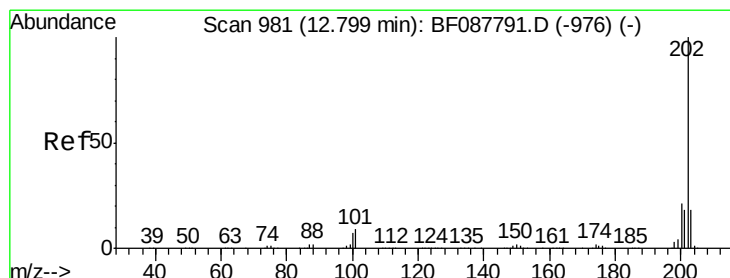
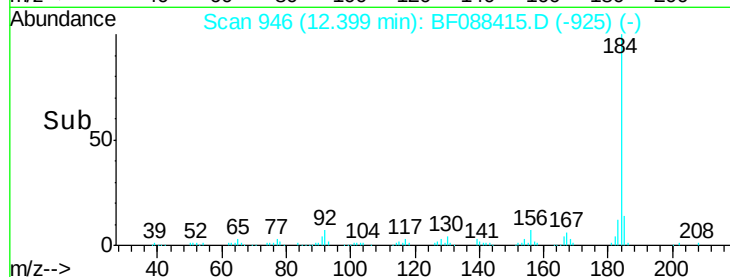
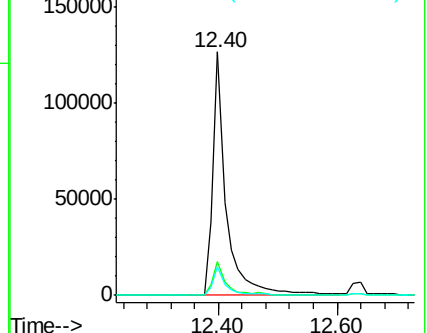
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 37.57 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

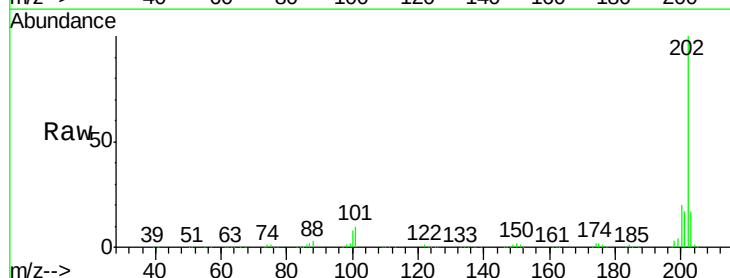
Tgt Ion:202 Resp: 601838

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

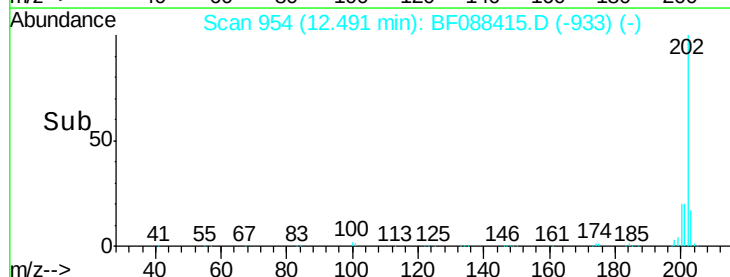
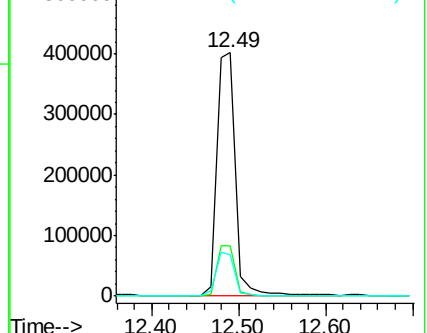
203 17.0 14.5 21.7

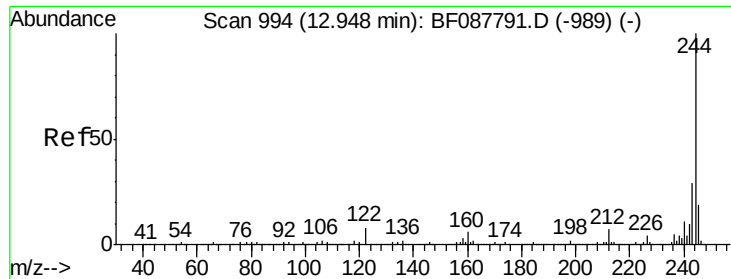


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

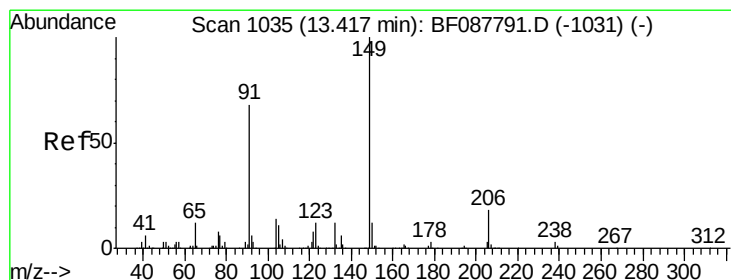
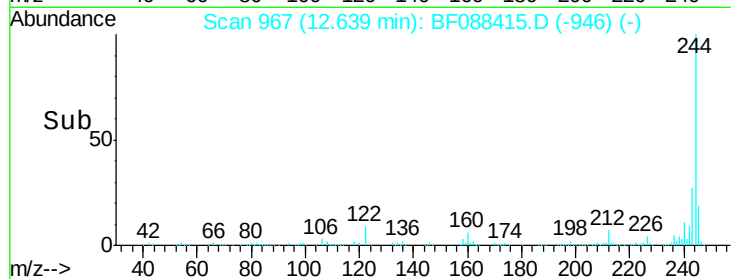
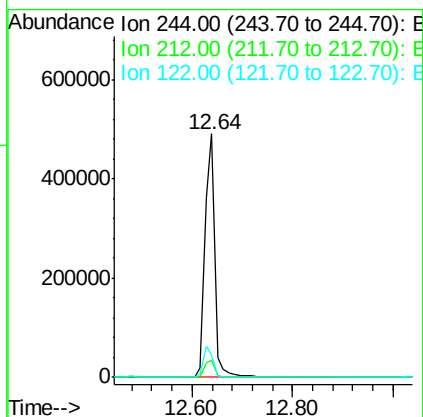
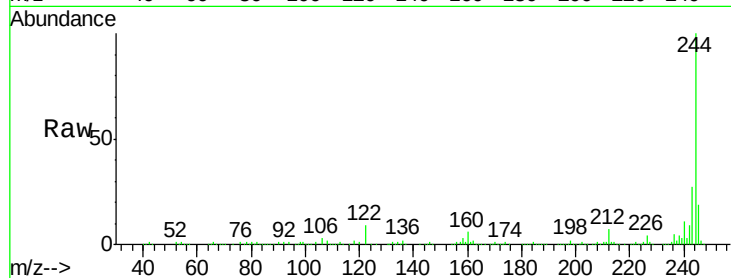




#78
 Terphenyl-d14
 Concen: 69.63 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.06 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

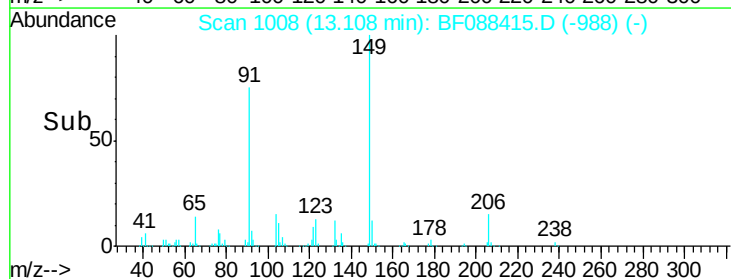
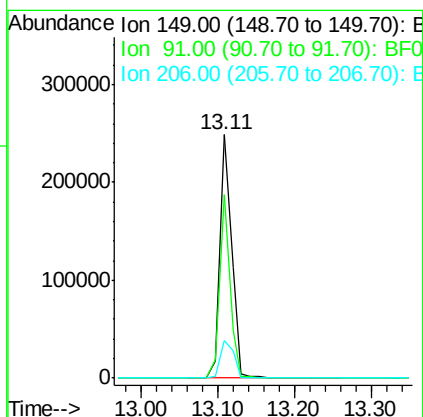
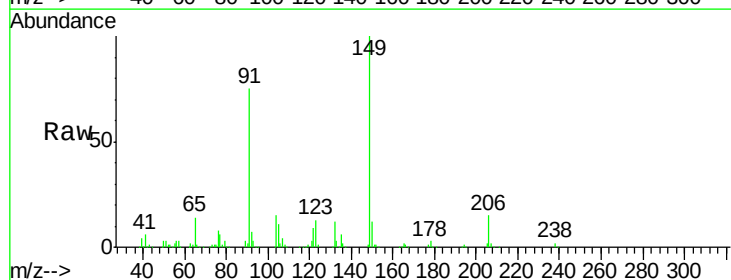
Instrument :
 BNA_G
 ClientSampleId :

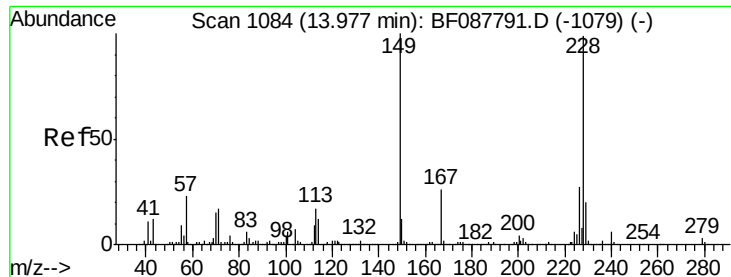
Tot Ion:244 Resp: 660521
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.9 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 37.91 ng
 RT: 13.11 min Scan# 1008
 Delta R.T. -0.07 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

Tgt Ion:149 Resp: 268443
 Ion Ratio Lower Upper
 149 100
 91 75.3 48.0 72.0#
 206 15.2 16.0 24.0#





#80

Benzo(a)anthracene

Concen: 34.70 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.07 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampleId :

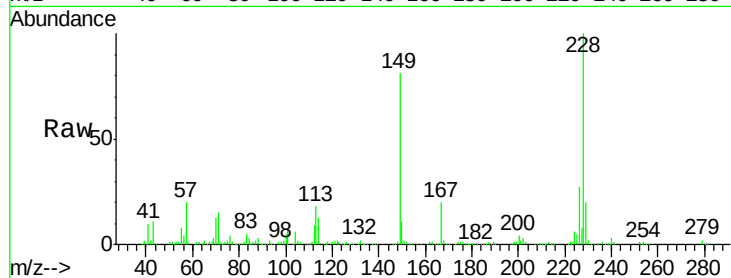
Tot Ion:228 Resp: 426890

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

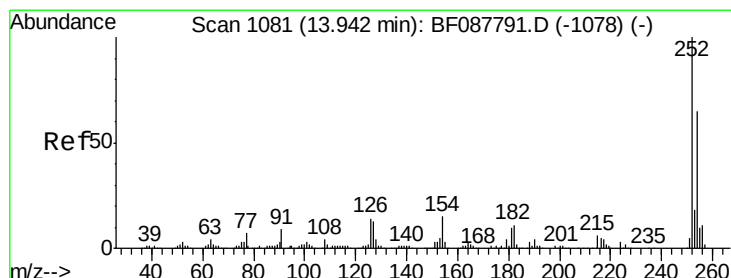
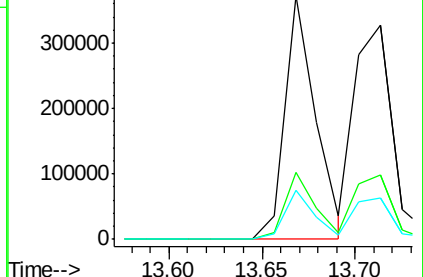
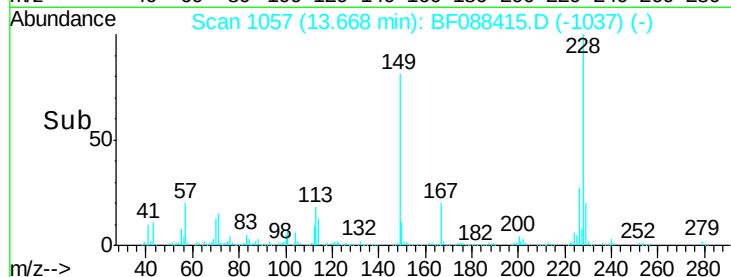
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 35.89 ng

RT: 13.64 min Scan# 1055

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

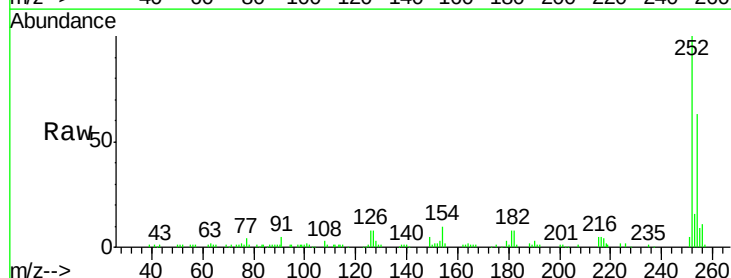
Tgt Ion:252 Resp: 118715

Ion Ratio Lower Upper

252 100

254 63.0 52.6 78.8

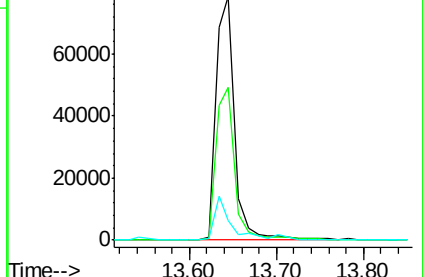
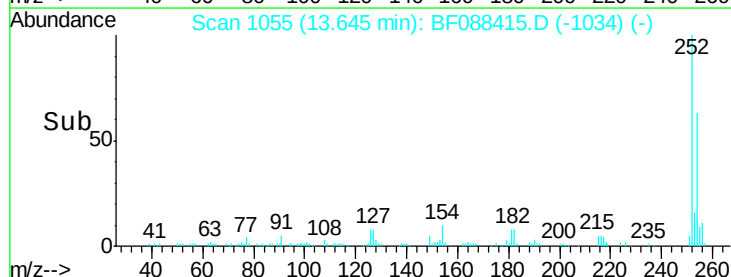
126 8.1 6.2 9.2

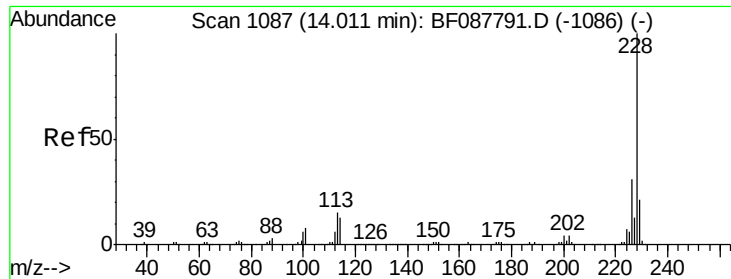


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 42.20 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.06 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

Instrument :

BNA_G

ClientSampled :

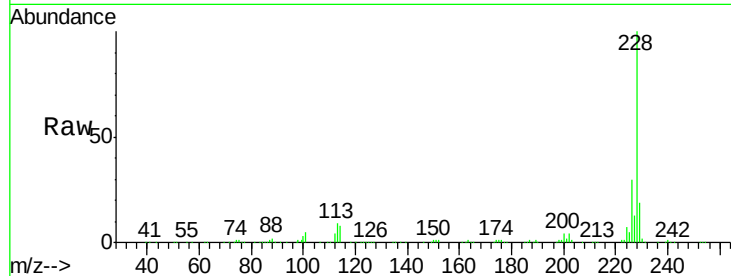
Tot Ion:228 Resp: 488368

Ion Ratio Lower Upper

228 100

226 29.9 25.4 38.2

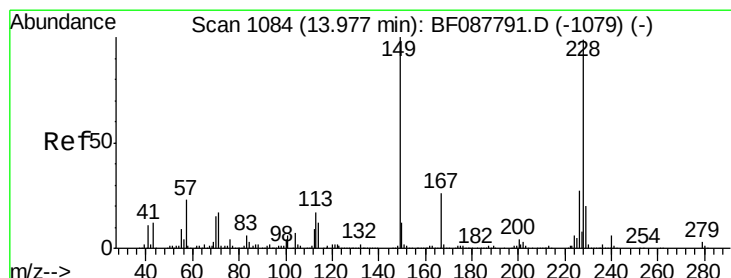
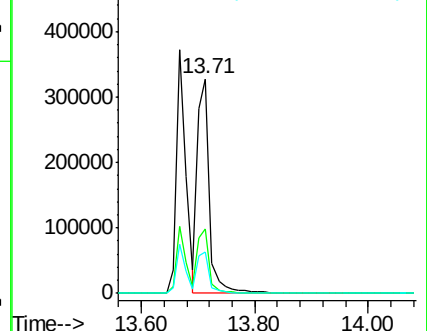
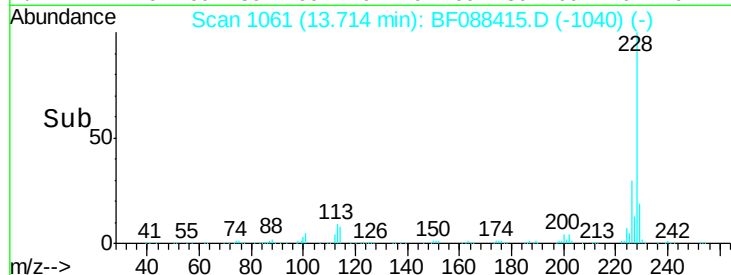
229 19.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.07 min

Lab File: BF088415.D

Acq: 26 Jun 2016 13:39

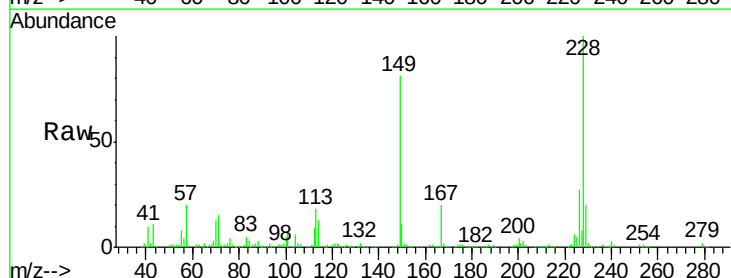
Tgt Ion:149 Resp: 344793

Ion Ratio Lower Upper

149 100

167 24.7 20.5 30.7

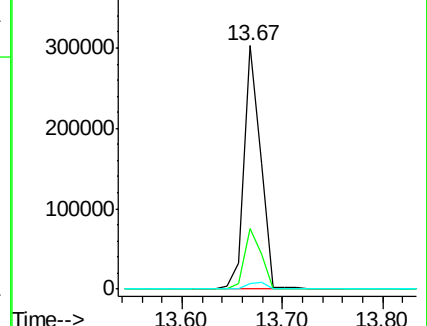
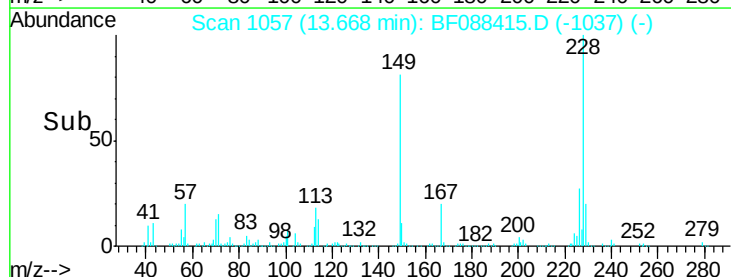
279 2.3 2.0 3.0

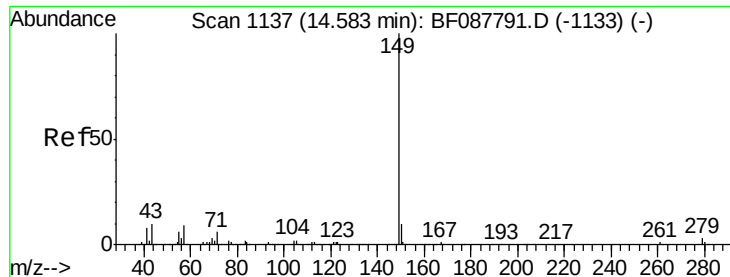


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

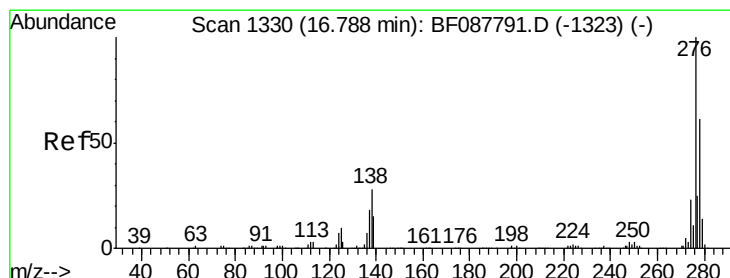
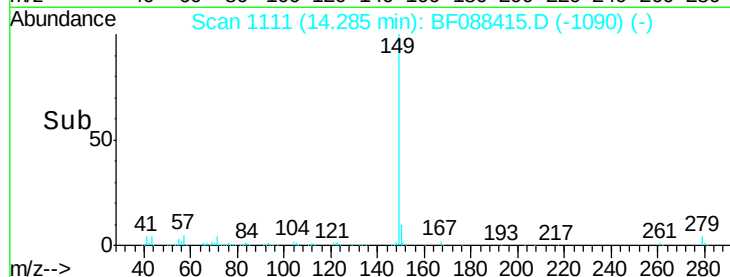
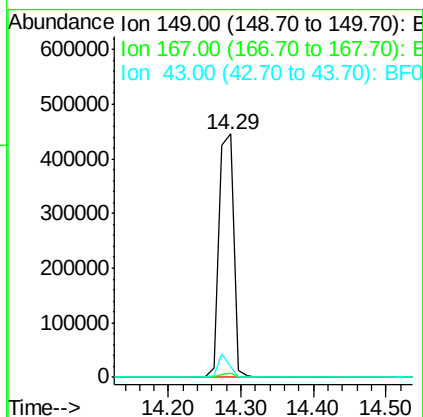
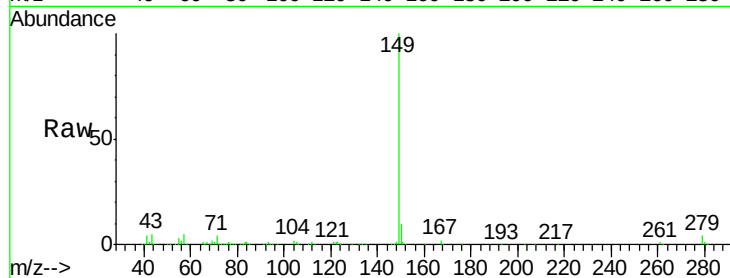




#84
 Di-n-octyl phthalate
 Concen: 44.51 ng
 RT: 14.29 min Scan# 1111
 Delta R.T. -0.06 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

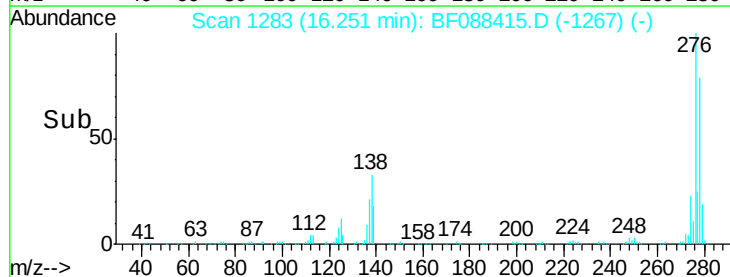
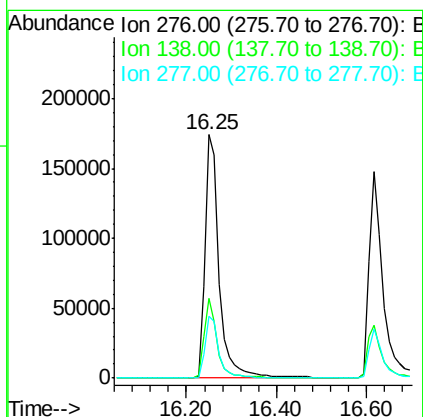
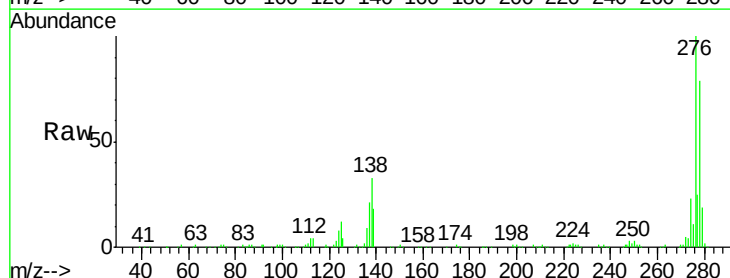
Instrument :
 BNA_G
 ClientSampleId :

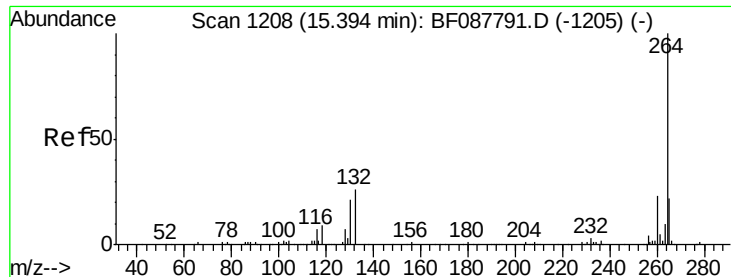
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	7.3	0.0	0.0#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.41 ng
 RT: 16.25 min Scan# 1283
 Delta R.T. -0.11 min
 Lab File: BF088415.D
 Acq: 26 Jun 2016 13:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	0.0	0.0#
277	25.0	0.0	0.0#

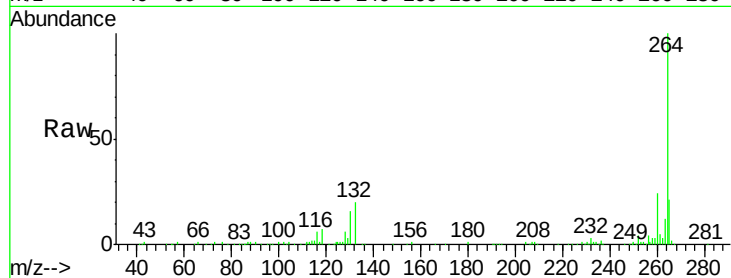




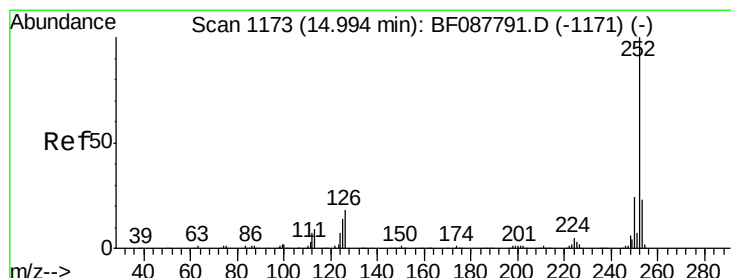
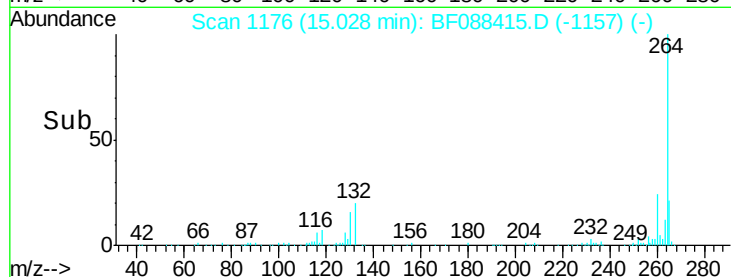
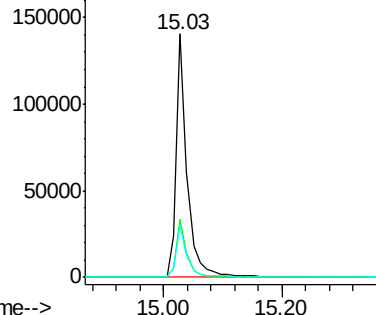
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 183996
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.4 16.9 25.3

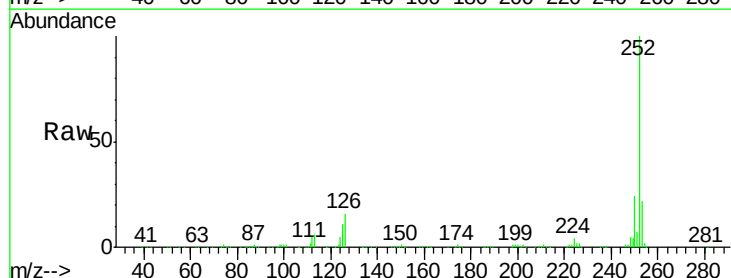


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

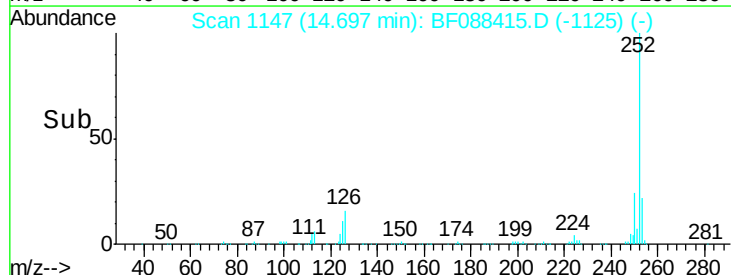
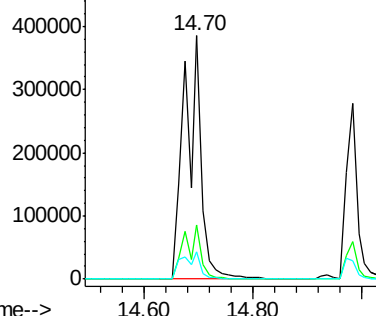


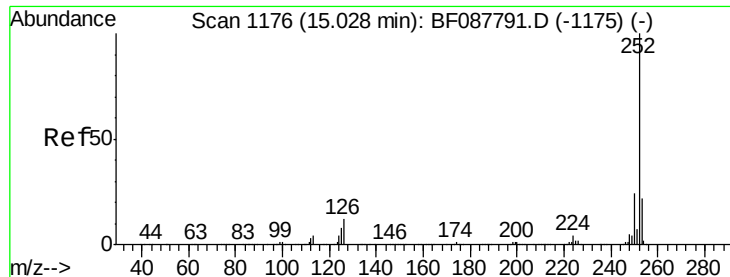
#87
Benzo(b)fluoranthene
Concen: 65.27 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Tgt Ion:252 Resp: 837073
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 11.1 7.1 10.7#



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

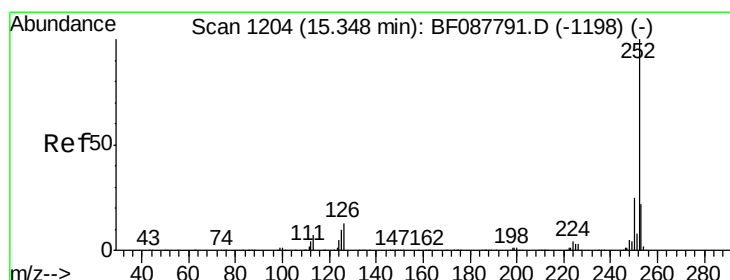
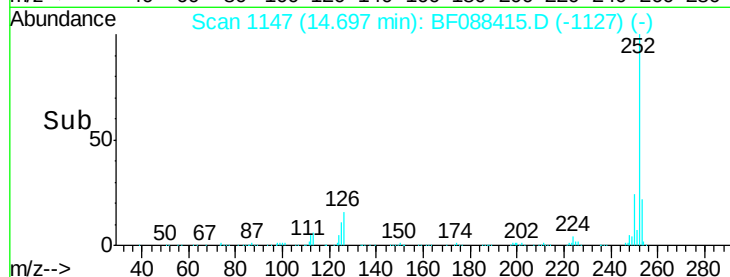
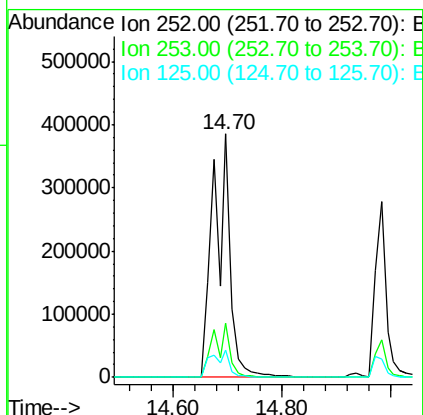
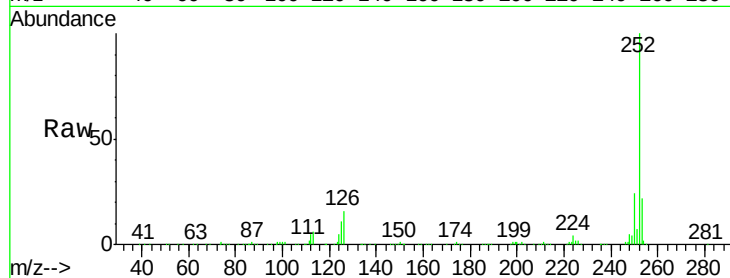




#88
Benzo(k)fluoranthene
Concen: 86.53 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.07 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

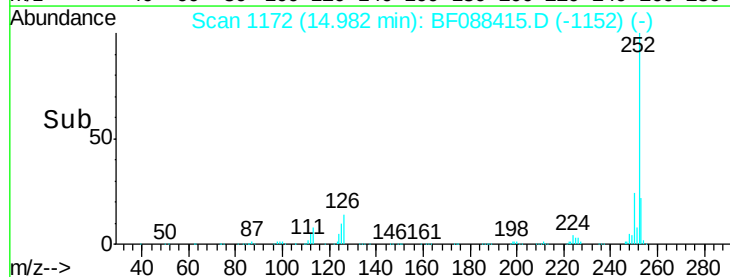
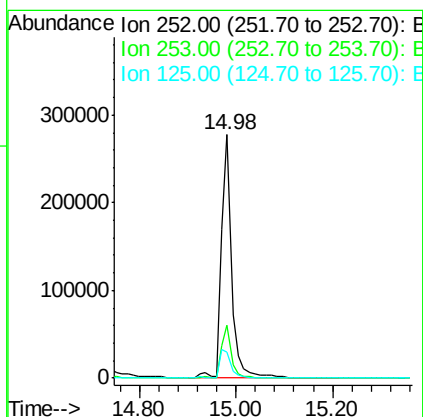
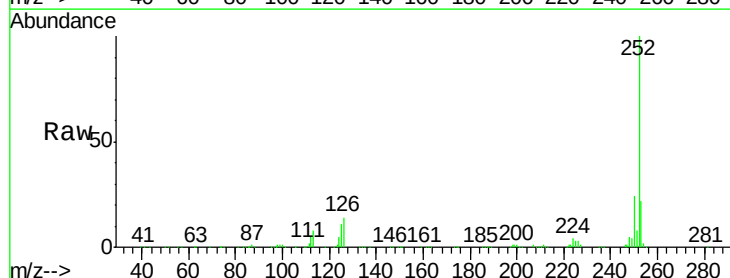
Instrument :
BNA_G
ClientSampled :

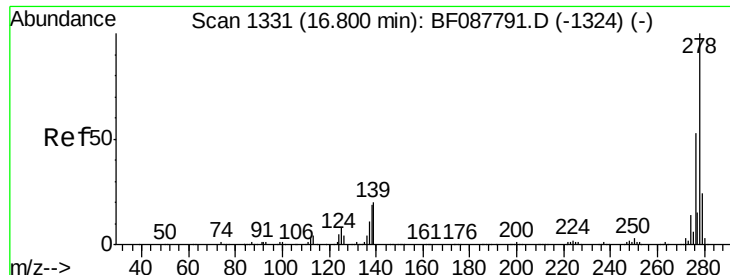
Tot Ion:252 Resp: 837073
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.1 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 39.00 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Tgt Ion:252 Resp: 404681
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 10.5 12.5 18.7#

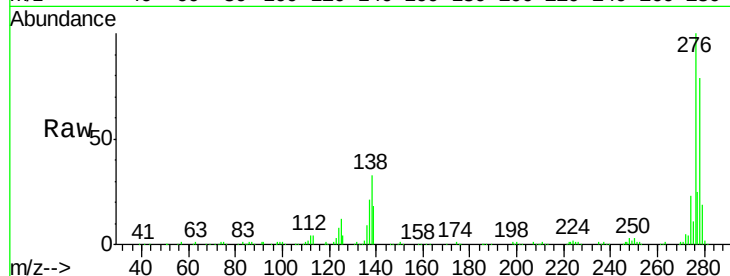




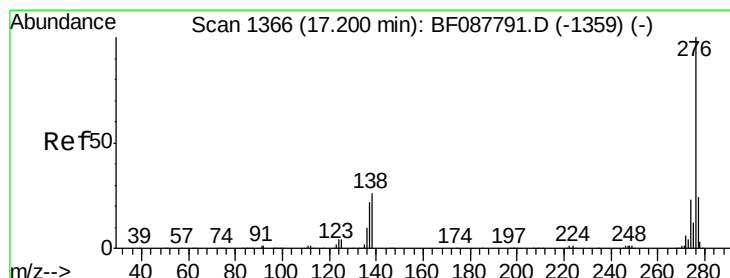
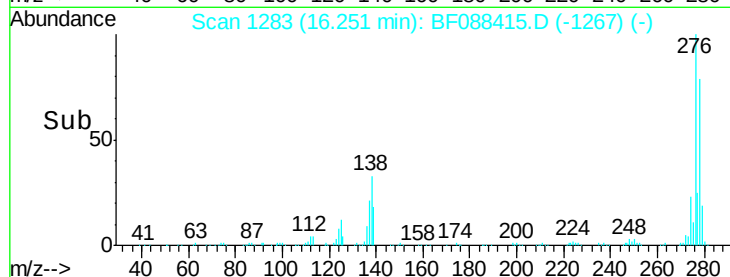
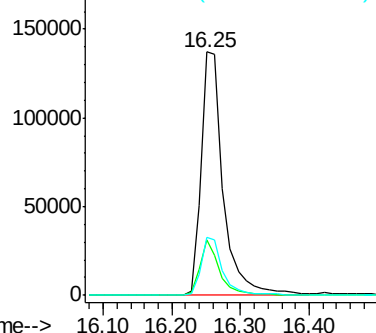
#90
Dibenzo(a,h)anthracene
Concen: 32.39 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.11 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 312150
Ion Ratio Lower Upper
278 100
139 22.7 15.7 23.5
279 23.6 19.4 29.2

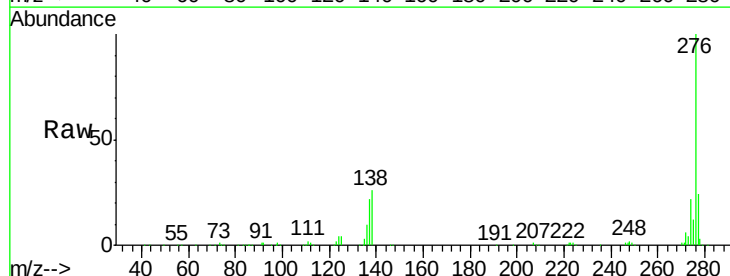


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 32.30 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.13 min
Lab File: BF088415.D
Acq: 26 Jun 2016 13:39

Tgt Ion:276 Resp: 320156
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 25.6 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

