

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101316\
 Data File : BF090555.D
 Acq On : 13 Oct 2016 21:35
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

Quant Time: Oct 14 01:23:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 01:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	172885	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	763184	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	395964	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	676061	20.00	ng	0.00
75) Chrysene-d12	14.10	240	619488	20.00	ng	0.00
86) Perylene-d12	15.56	264	388580	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	796569	73.04	ng	0.00
7) Phenol-d6	6.55	99	1219252	86.59	ng	0.00
23) Nitrobenzene-d5	7.49	82	1224609	85.98	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	309497	80.90	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1987006	84.84	ng	0.00
78) Terphenyl-d14	13.05	244	2121382	83.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	221526	40.60	ng	100
3) Pyridine	3.29	79	497124	33.85	ng	96
4) n-Nitrosodimethylamine	3.24	42	174513	36.12	ng	95
6) Aniline	6.59	93	702447	39.44	ng	100
8) 2-Chlorophenol	6.70	128	514261	43.16	ng	99
9) Benzaldehyde	6.47	77	391267	43.72	ng	98
10) Phenol	6.57	94	724092	45.84	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	577983	47.72	ng	99
12) 1,3-Dichlorobenzene	6.86	146	500341	39.66	ng	99
13) 1,4-Dichlorobenzene	6.94	146	540948	41.11	ng	100
14) 1,2-Dichlorobenzene	7.09	146	540322	45.48	ng	99
15) Benzyl Alcohol	7.07	79	408087	37.77	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	880999	49.94	ng	99
17) 2-Methylphenol	7.18	107	423806	43.39	ng	99
18) Hexachloroethane	7.43	117	226326	46.13	ng	98
19) n-Nitroso-di-n-propylamine	7.33	70	430259	46.43	ng	99
20) 3+4-Methylphenols	7.33	107	512168	42.09	ng	98
22) Acetophenone	7.33	105	751630	44.56	ng	97
24) Nitrobenzene	7.50	77	623621	41.82	ng	99
25) Isophorone	7.74	82	1065037	41.52	ng	100
26) 2-Nitrophenol	7.82	139	279888	41.21	ng	99
27) 2,4-Dimethylphenol	7.87	122	432218	37.45	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	660931	41.27	ng	100
29) 2,4-Dichlorophenol	8.07	162	381283	39.56	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	425568	38.02	ng	100
31) Naphthalene	8.23	128	1641826	42.85	ng	100
32) Benzoic acid	7.99	122	282601	32.18	ng	98
33) 4-Chloroaniline	8.28	127	635949	39.67	ng	98
34) Hexachlorobutadiene	8.35	225	248804	39.94	ng	99
35) Caprolactam	8.66	113	121754	38.99	ng	# 84
36) 4-Chloro-3-methylphenol	8.76	107	468147	41.45	ng	98
37) 2-Methylnaphthalene	8.92	142	971485	38.16	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	434338	39.85	ng	99
40) Hexachlorocyclopentadiene	9.08	237	214045	39.93	ng	99

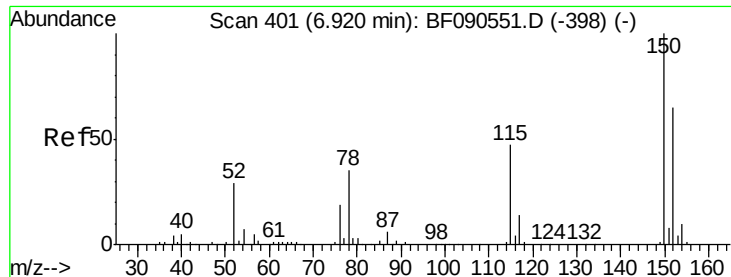
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101316\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	245801	33.52	ng	99
43) 2,4,5-Trichlorophenol	9.24	196	300787	41.36	ng	99
45) 1,1'-Biphenyl	9.39	154	1336104	44.61	ng	99
46) 2-Chloronaphthalene	9.41	162	973834	43.64	ng	100
47) 2-Nitroaniline	9.51	65	377402	46.84	ng	98
48) Acenaphthylene	9.82	152	1446651	39.87	ng	100
49) Dimethylphthalate	9.69	163	1038707	39.48	ng	100
50) 2,6-Dinitrotoluene	9.75	165	237096	40.22	ng	98
51) Acenaphthene	10.01	154	990458	40.92	ng	99
52) 3-Nitroaniline	9.93	138	310399	42.54	ng	98
53) 2,4-Dinitrophenol	10.03	184	109705	35.51	ng	92
54) Dibenzofuran	10.18	168	1299423	40.25	ng	100
55) 4-Nitrophenol	10.09	139	185475	34.62	ng	97
56) 2,4-Dinitrotoluene	10.15	165	341463	43.56	ng	99
57) Fluorene	10.52	166	1096934	41.75	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	254135	41.43	ng	96
59) Diethylphthalate	10.38	149	1128189	41.83	ng	99
60) 4-Chlorophenyl-phenylether	10.51	204	527510	43.73	ng	98
61) 4-Nitroaniline	10.54	138	318391	43.64	ng	99
62) Azobenzene	10.67	77	1430915	48.50	ng	98
64) 4,6-Dinitro-2-methylphenol	10.57	198	163147	36.23	ng	98
65) n-Nitrosodiphenylamine	10.63	169	892051	40.45	ng	100
66) 4-Bromophenyl-phenylether	11.00	248	296681	39.98	ng	# 93
67) Hexachlorobenzene	11.07	284	303211	37.13	ng	# 64
68) Atrazine	11.15	200	243703	36.09	ng	99
69) Pentachlorophenol	11.25	266	155887	32.42	ng	97
70) Phenanthrene	11.48	178	1559810	42.36	ng	99
71) Anthracene	11.53	178	1568223	41.22	ng	100
72) Carbazole	11.69	167	1471070	41.71	ng	99
73) Di-n-butylphthalate	12.02	149	1833478	43.14	ng	99
74) Fluoranthene	12.67	202	1578413	42.01	ng	99
76) Benzidine	12.80	184	656429	33.95	ng	97
77) Pyrene	12.90	202	1658047	42.27	ng	100
79) Butylbenzylphthalate	13.52	149	821318	44.89	ng	94
80) Benzo(a)anthracene	14.09	228	1509524	40.59	ng	99
81) 3,3'-Dichlorobenzidine	14.05	252	503351	38.52	ng	99
82) Chrysene	14.12	228	1305899	38.15	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	1110018	42.03	ng	99
84) Di-n-octyl phthalate	14.69	149	1501778	37.74	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.01	276	856960	31.24	ng	98
87) Benzo(b)fluoranthene	15.14	252	1129659	43.87	ng	# 95
88) Benzo(k)fluoranthene	15.14	252	1129659	48.36	ng	98
89) Benzo(a)pyrene	15.49	252	961507	42.68	ng	98
90) Dibenzo(a,h)anthracene	17.04	278	754674	39.96	ng	97
91) Benzo(g,h,i)perylene	17.45	276	688151	39.09	ng	97

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

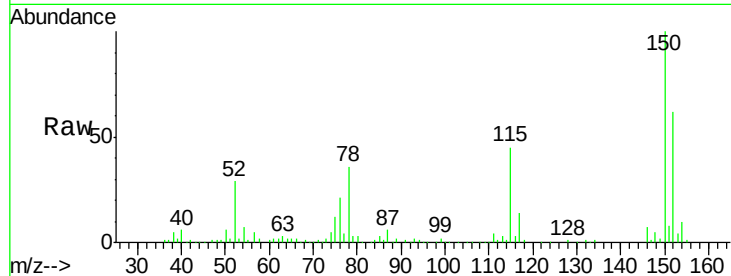


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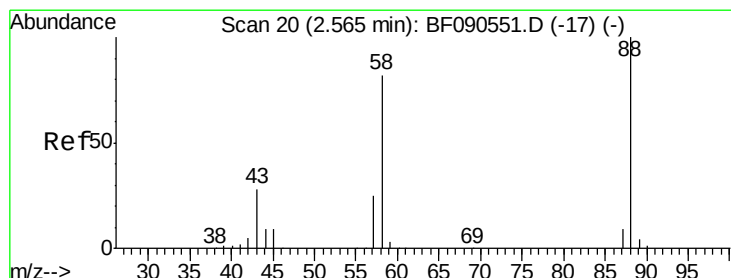
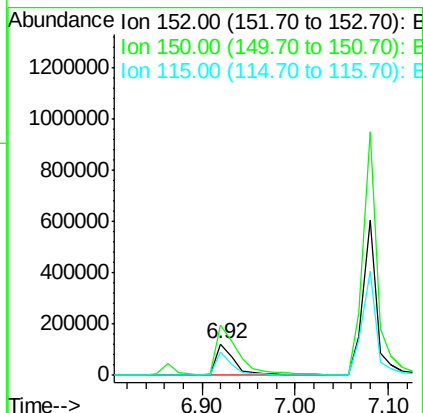
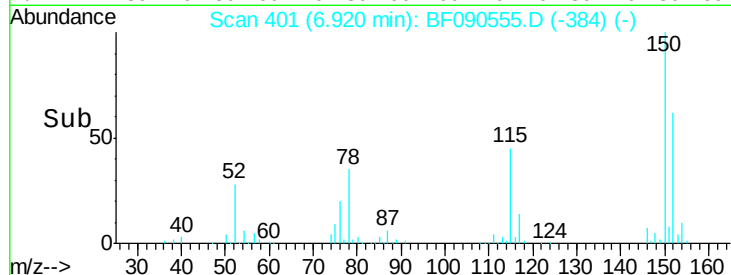
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tgt Ion: 152 Resp: 172885
Ion Ratio Lower Upper
152 100
150 160.3 127.2 190.8
115 72.3 58.6 88.0



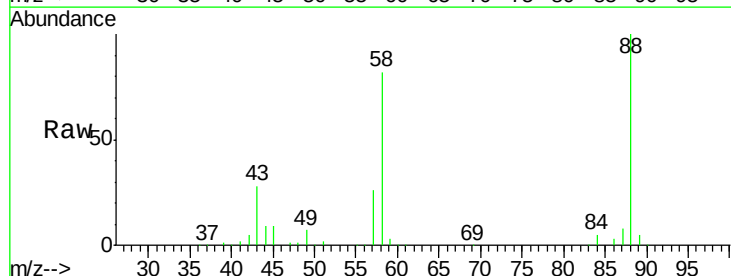
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



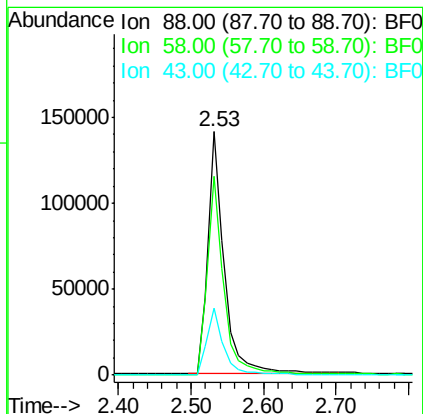
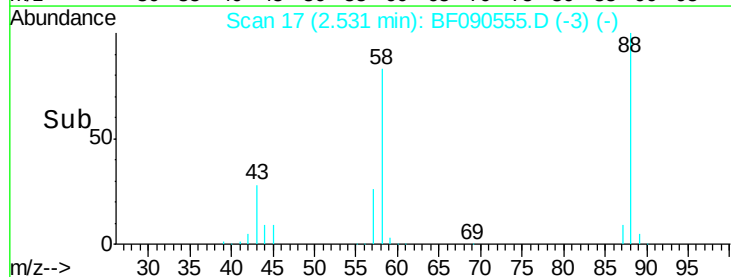
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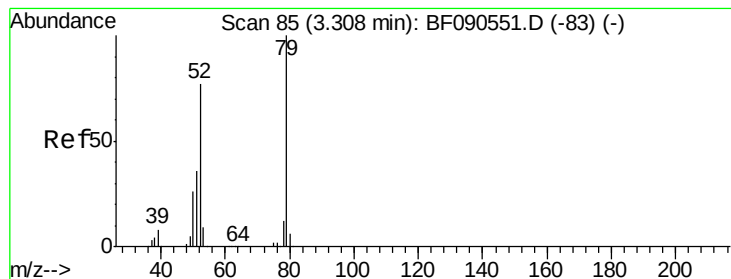
1,4-Dioxane
Concen: 40.60 ng
RT: 2.53 min Scan# 17
Delta R.T. -0.03 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion: 88 Resp: 221526
Ion Ratio Lower Upper
88 100
58 84.2 67.2 100.8
43 29.5 24.1 36.1



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

Pyridine

Concen: 33.85 ng

RT: 3.29 min Scan# 83

Delta R.T. -0.02 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

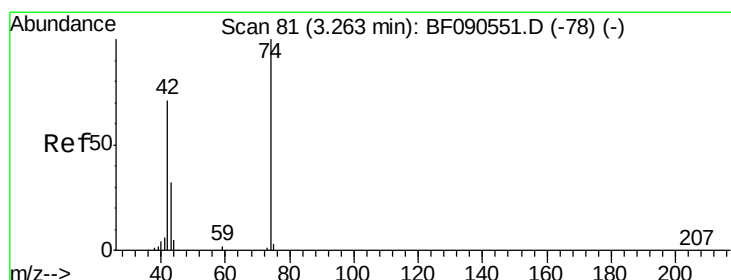
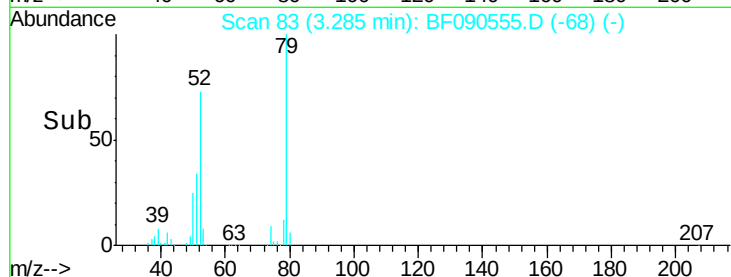
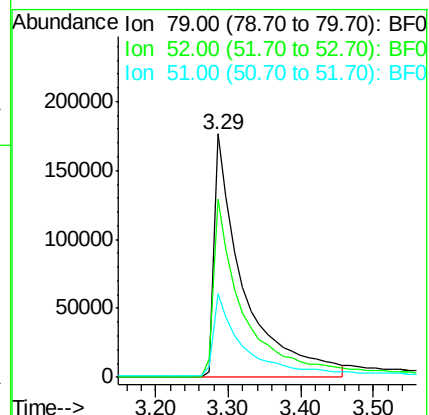
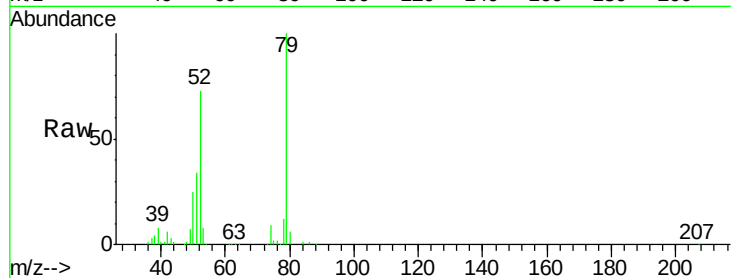
Tgt Ion: 79 Resp: 497124

Ion Ratio Lower Upper

79 100

52 73.1 61.8 92.8

51 34.5 29.2 43.8



#4

n-Nitrosodimethylamine

Concen: 36.12 ng

RT: 3.24 min Scan# 79

Delta R.T. -0.02 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

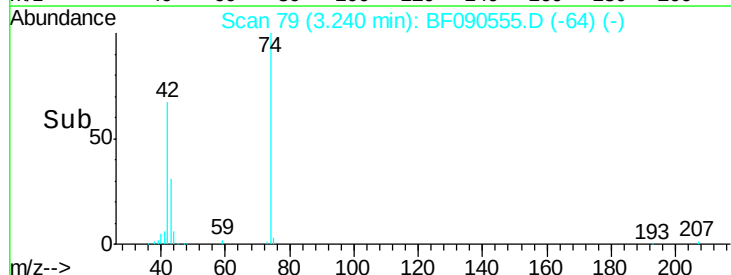
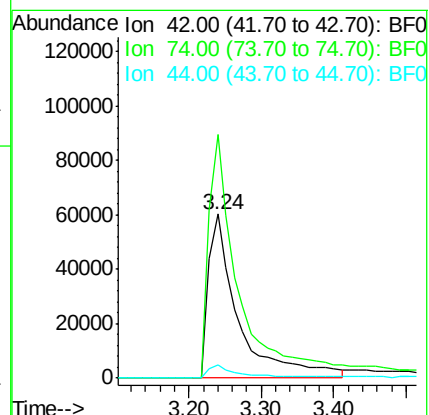
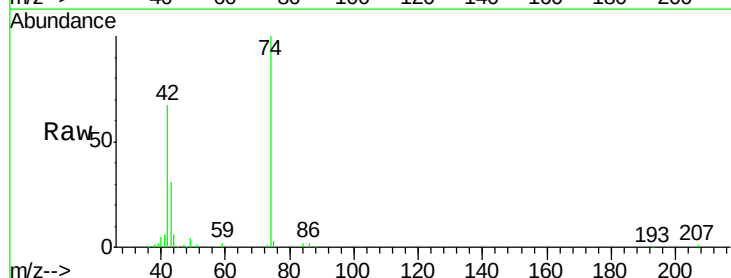
Tgt Ion: 42 Resp: 174513

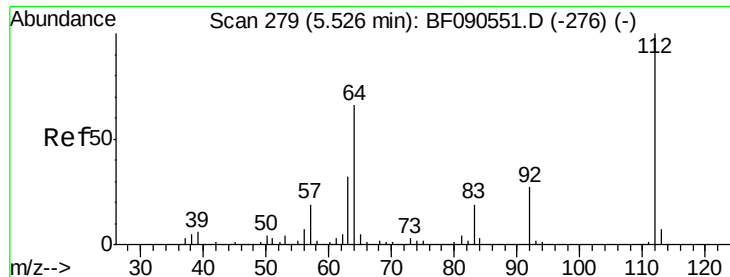
Ion Ratio Lower Upper

42 100

74 148.4 113.3 169.9

44 8.2 6.0 9.0





#5

2-Fluorophenol

Concen: 73.04 ng

RT: 5.53 min Scan# 279

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

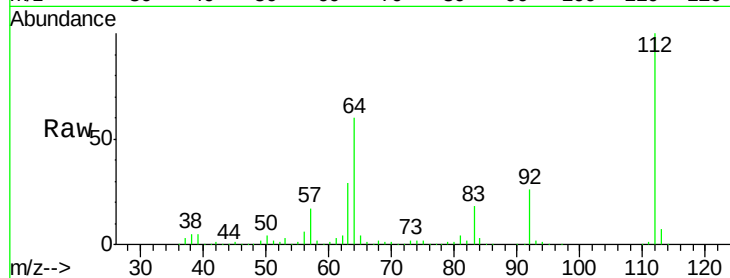
Tgt Ion: 112 Resp: 796569

Ion Ratio Lower Upper

112 100

64 59.9 52.6 78.8

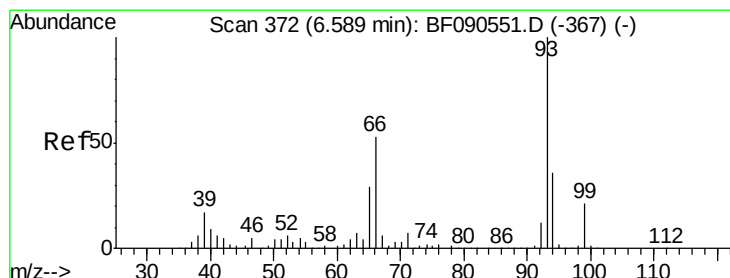
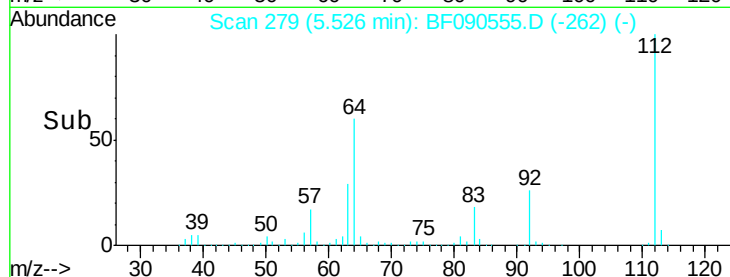
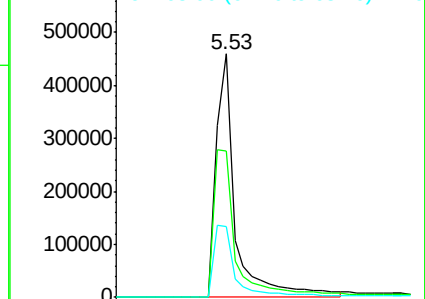
63 28.8 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.44 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

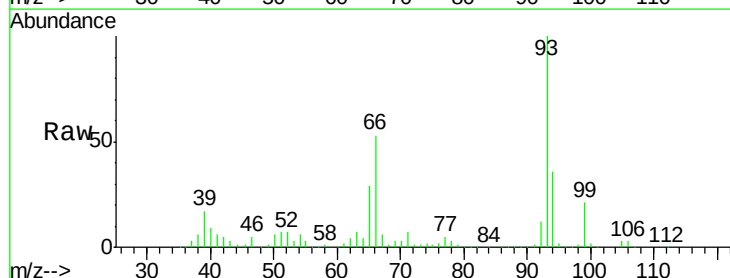
Tgt Ion: 93 Resp: 702447

Ion Ratio Lower Upper

93 100

66 52.5 42.2 63.2

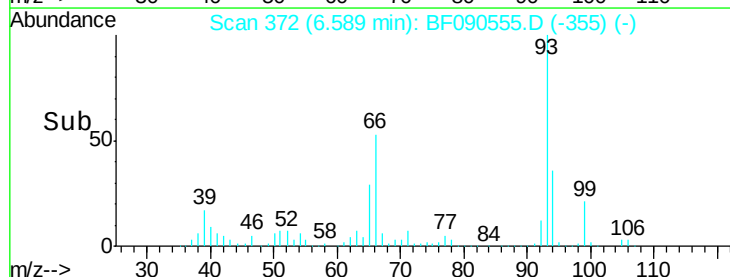
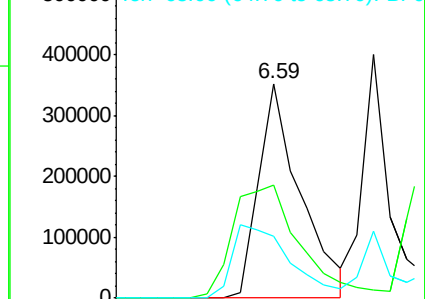
65 28.8 22.9 34.3

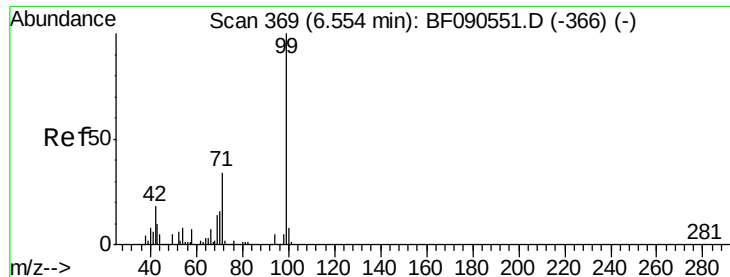


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.59 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

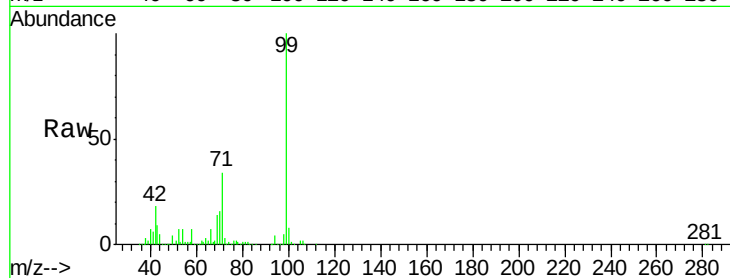
Tgt Ion: 99 Resp: 1219252

Ion Ratio Lower Upper

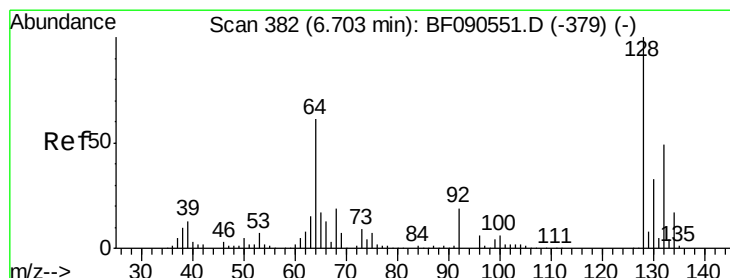
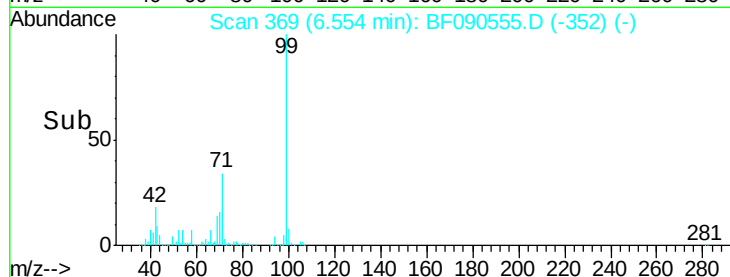
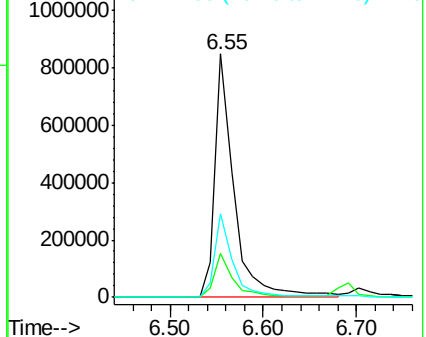
99 100

42 18.1 14.7 22.1

71 34.3 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.16 ng

RT: 6.70 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

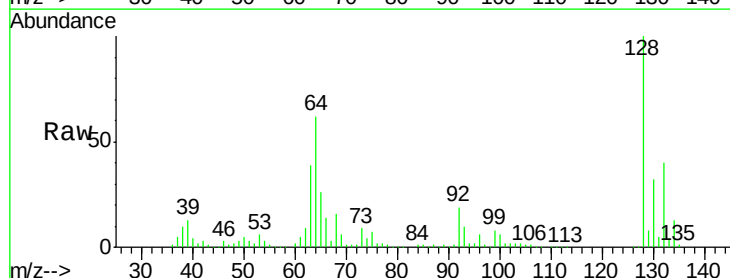
Tgt Ion: 128 Resp: 514261

Ion Ratio Lower Upper

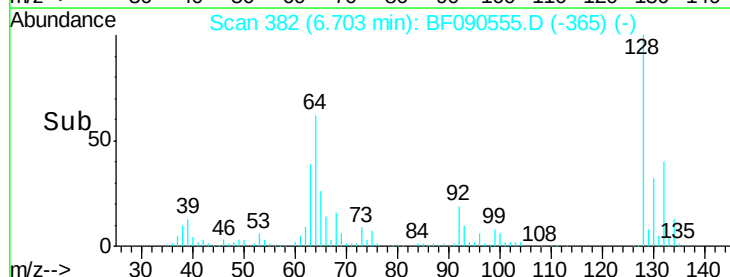
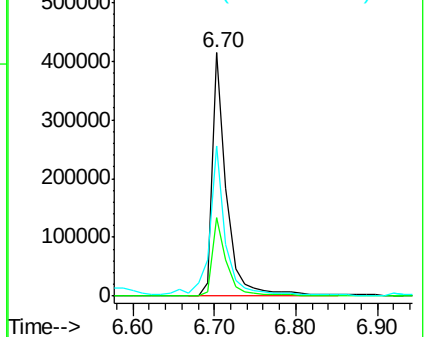
128 100

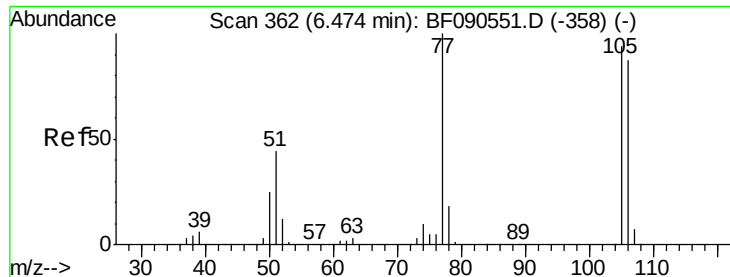
130 32.3 12.6 52.6

64 61.8 42.6 82.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

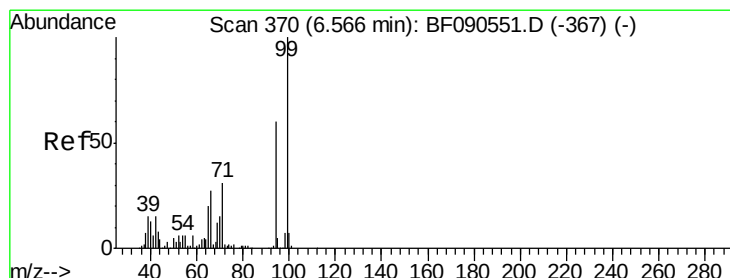
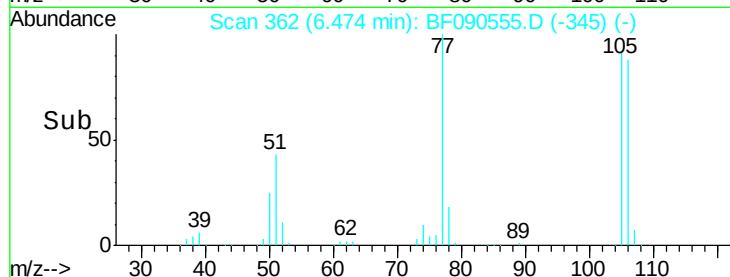
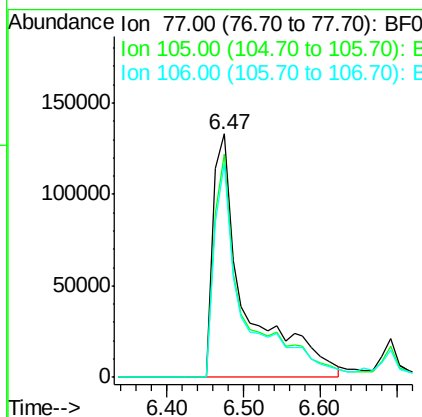
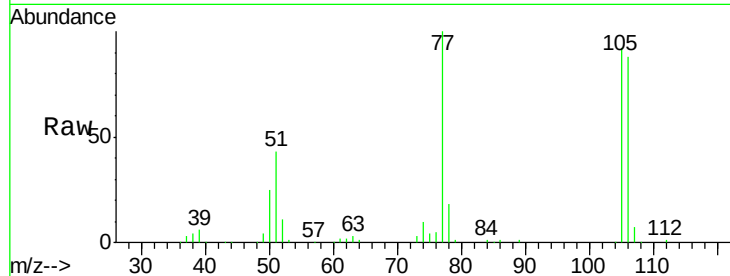




#9
Benzaldehyde
Concen: 43.72 ng
RT: 6.47 min Scan# 362
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

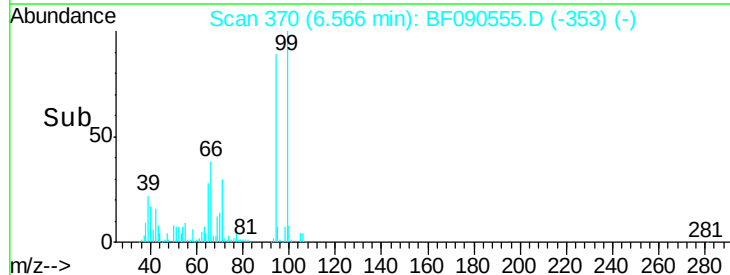
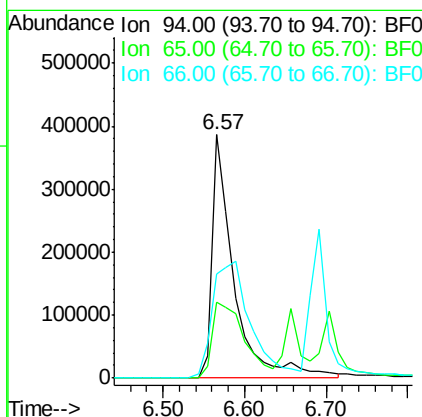
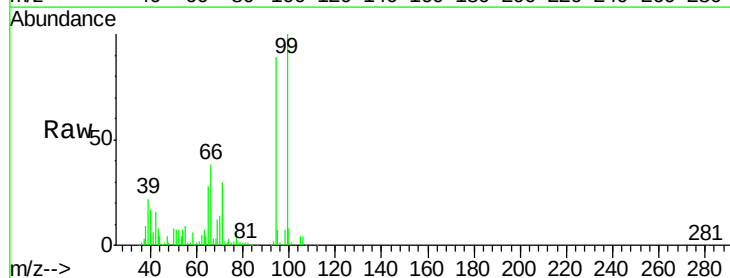
Instrument :
BNA_F
ClientSampleId :
ICVBF101316

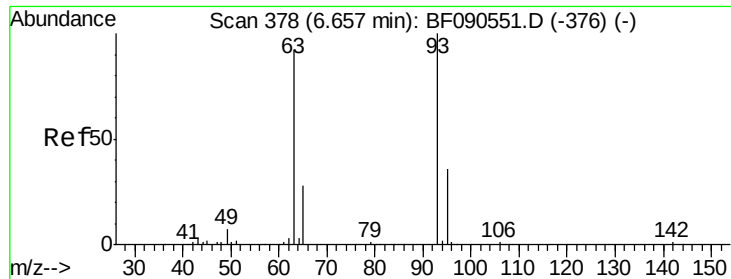
Tgt Ion: 77 Resp: 391267
Ion Ratio Lower Upper
77 100
105 91.7 74.3 114.3
106 87.8 67.2 107.2



#10
Phenol
Concen: 45.84 ng
RT: 6.57 min Scan# 370
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion: 94 Resp: 724092
Ion Ratio Lower Upper
94 100
65 31.4 12.5 52.5
66 43.0 25.5 65.5

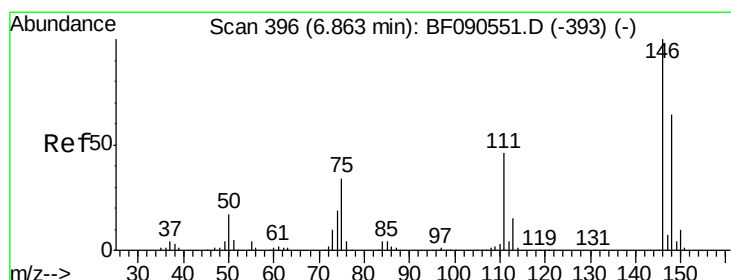
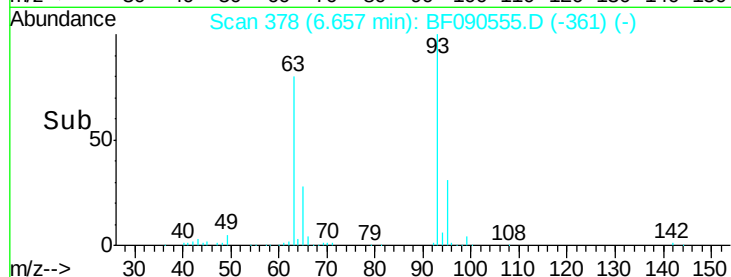
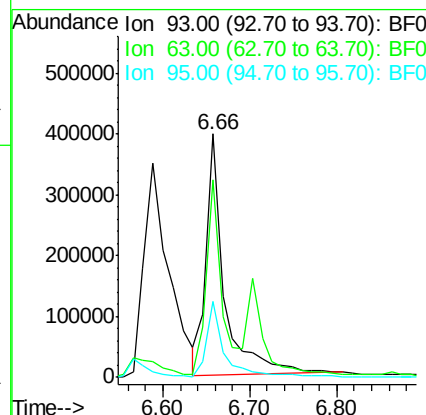
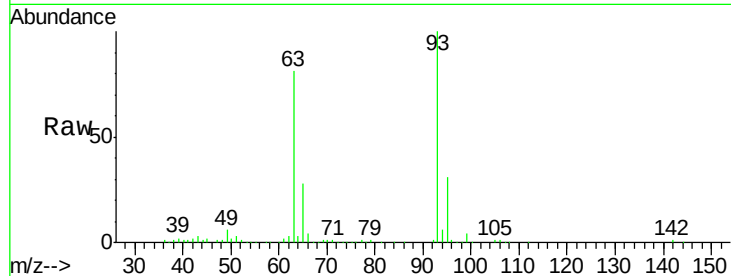




#11
 bis(2-Chloroethyl)ether
 Concen: 47.72 ng
 RT: 6.66 min Scan# 378
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

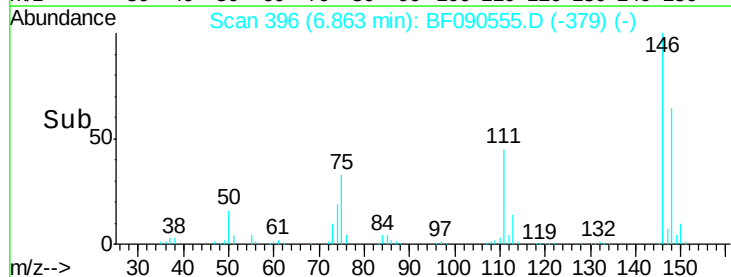
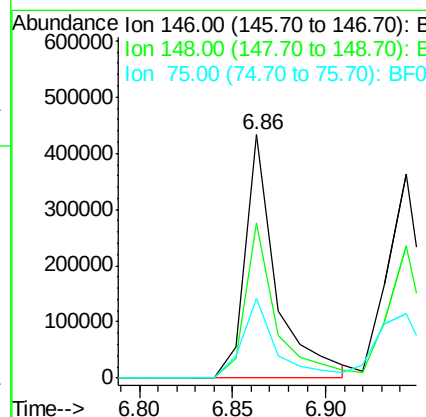
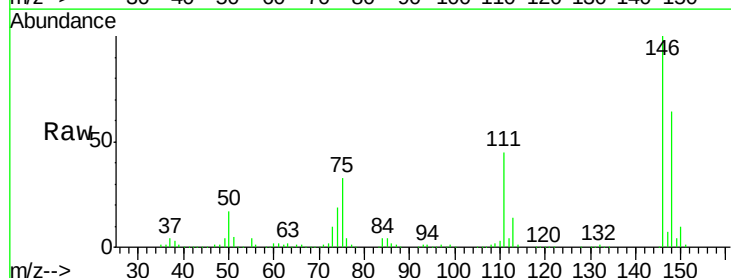
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

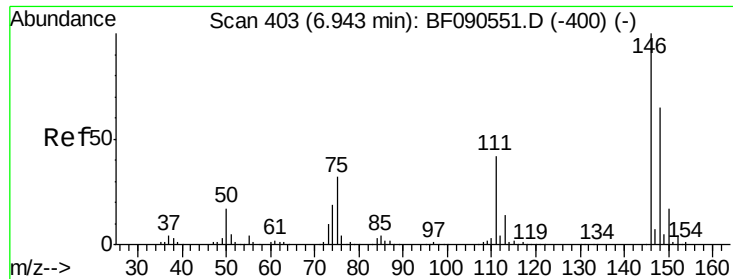
Tgt Ion: 93 Resp: 577983
 Ion Ratio Lower Upper
 93 100
 63 81.1 61.6 101.6
 95 31.4 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 39.66 ng
 RT: 6.86 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion: 146 Resp: 500341
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.2
 75 32.8 27.0 40.6

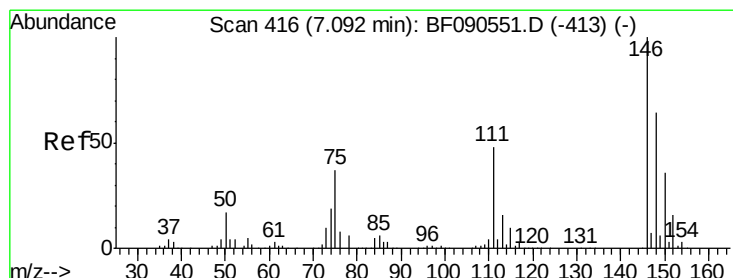
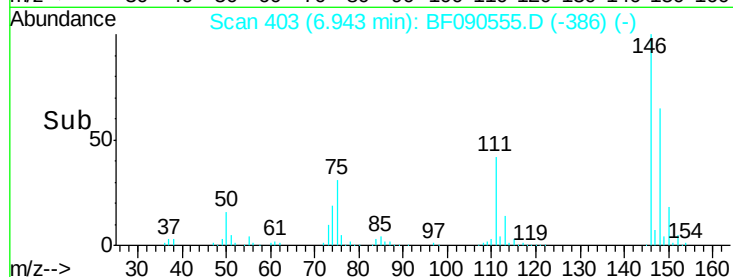
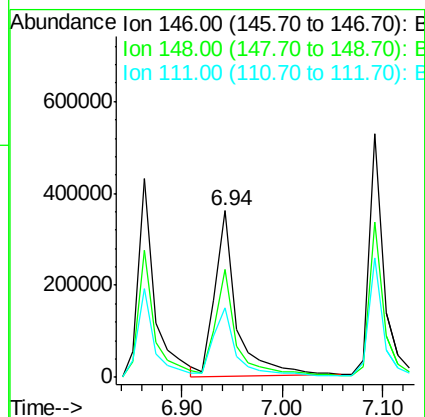
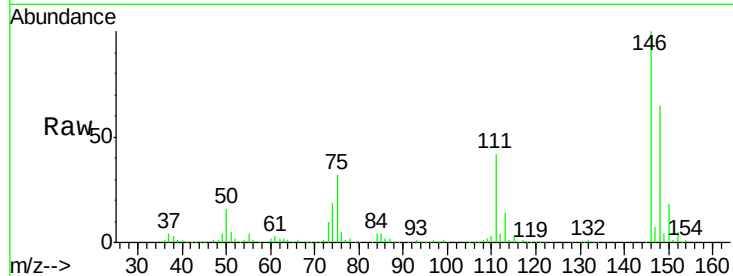




#13
 1,4-Dichlorobenzene
 Concen: 41.11 ng
 RT: 6.94 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

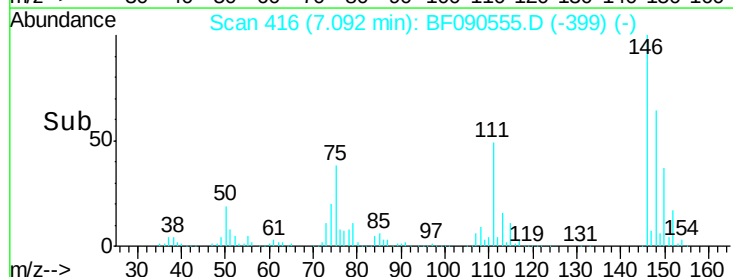
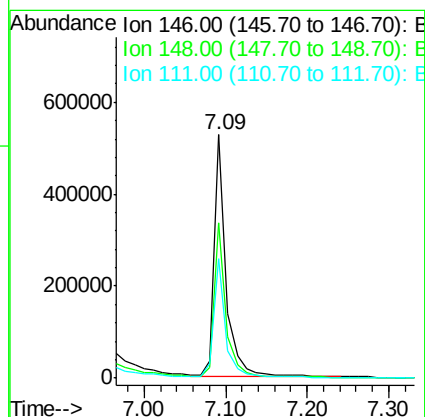
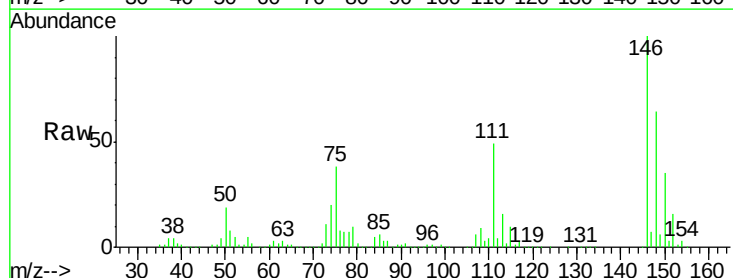
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

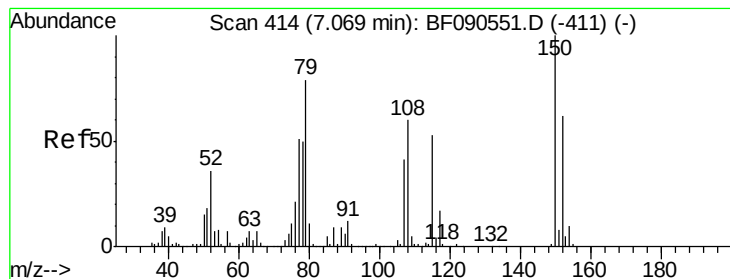
Tgt Ion:146 Resp: 540948
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.9 77.9
 111 42.1 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 45.48 ng
 RT: 7.09 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion:146 Resp: 540322
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.2 76.8
 111 48.8 38.2 57.2





#15

Benzyl Alcohol

Concen: 37.77 ng

RT: 7.07 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

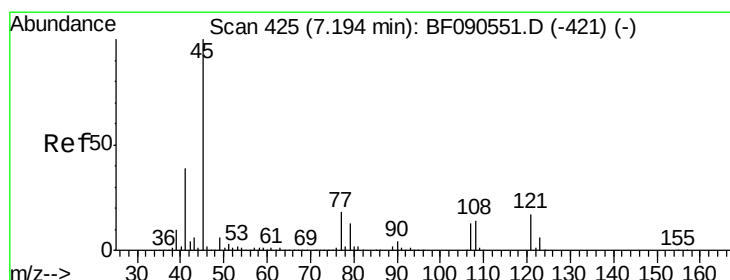
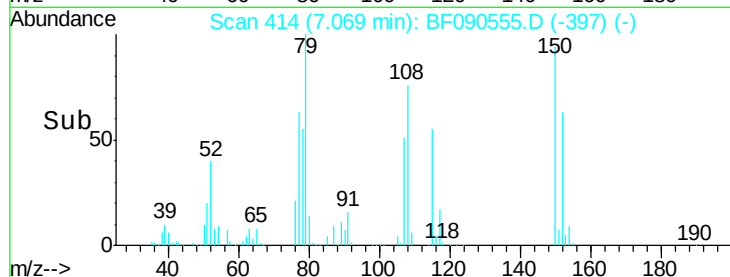
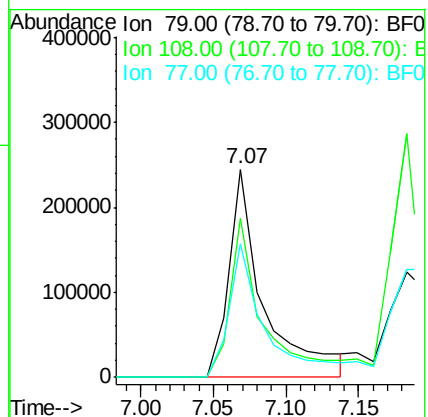
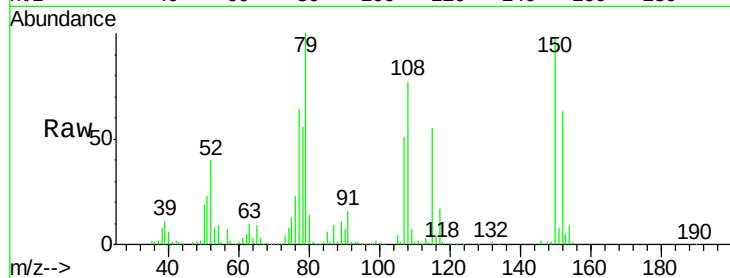
Tgt Ion: 79 Resp: 408087

Ion Ratio Lower Upper

79 100

108 76.6 60.2 90.4

77 64.0 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.94 ng

RT: 7.19 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

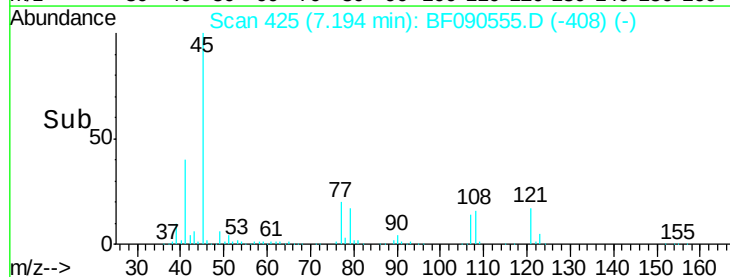
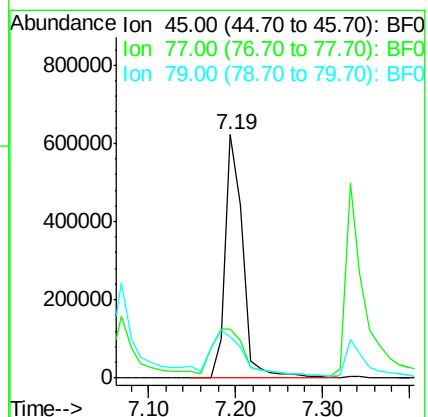
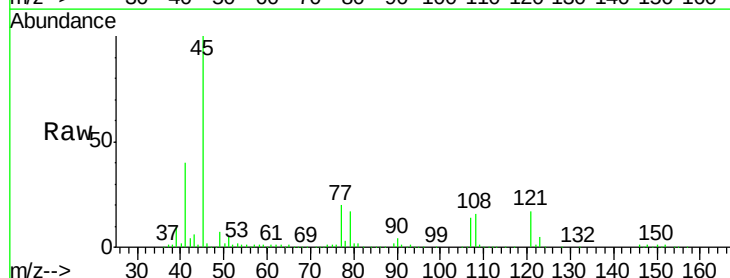
Tgt Ion: 45 Resp: 880999

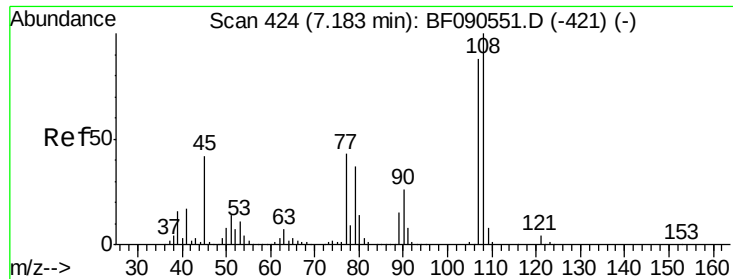
Ion Ratio Lower Upper

45 100

77 20.3 0.9 40.9

79 16.9 0.0 37.3

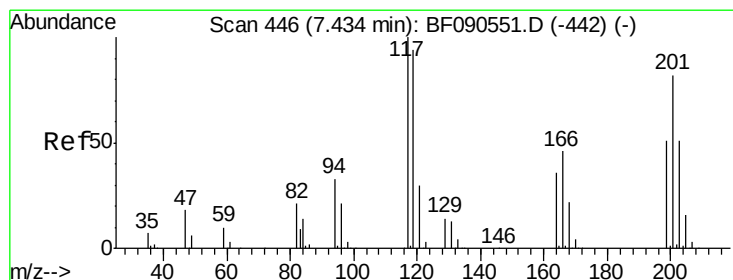
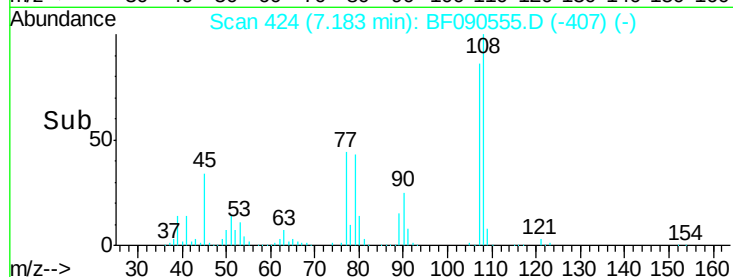
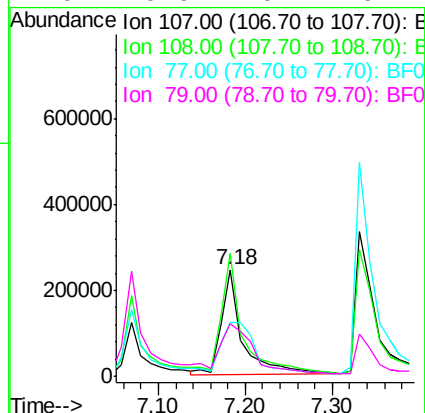
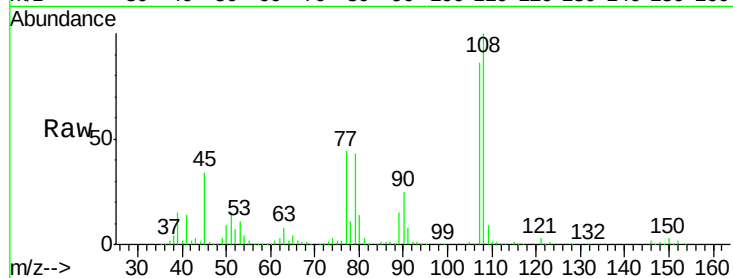




#17
2-Methylphenol
Concen: 43.39 ng
RT: 7.18 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

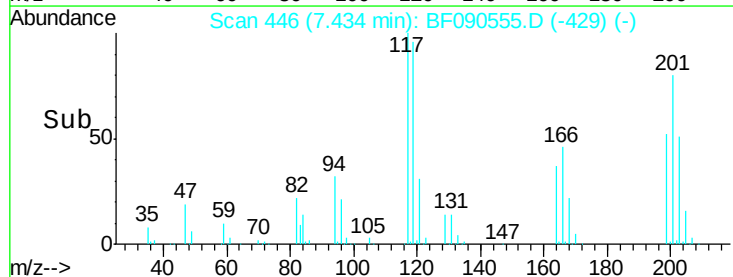
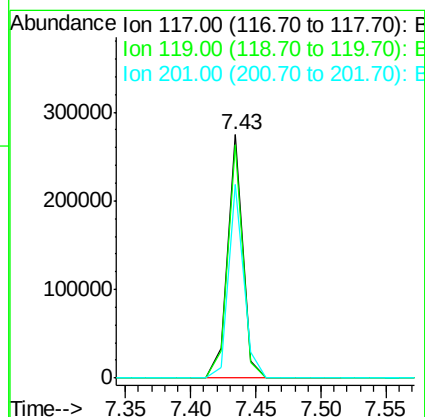
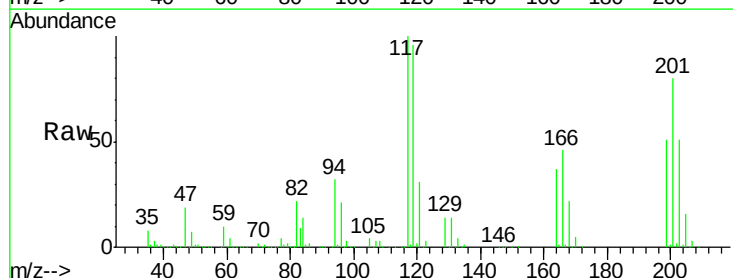
Instrument :
BNA_F
ClientSampleId :
ICVBF101316

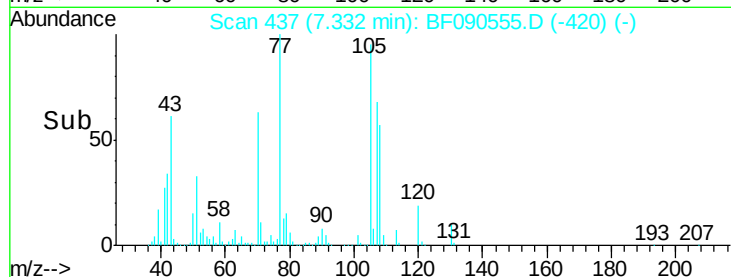
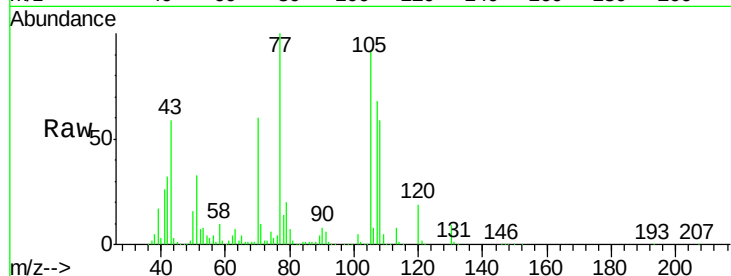
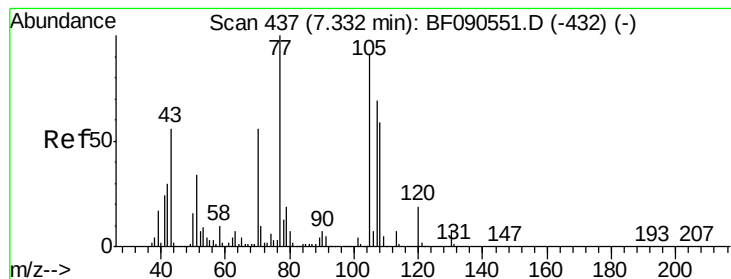
Tgt Ion:107 Resp: 423806
Ion Ratio Lower Upper
107 100
108 115.7 92.6 138.8
77 51.1 42.2 63.2
79 49.9 40.7 61.1



#18
Hexachloroethane
Concen: 46.13 ng
RT: 7.43 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion:117 Resp: 226326
Ion Ratio Lower Upper
117 100
119 96.1 75.6 113.4
201 79.7 65.4 98.0





#19

n-Nitroso-di-n-propylamine

Concen: 46.43 ng

RT: 7.33 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

Tgt Ion: 70 Resp: 430259

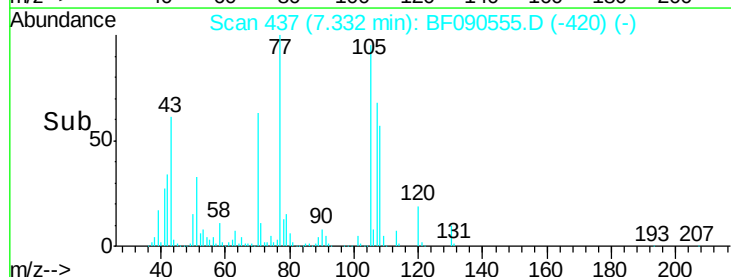
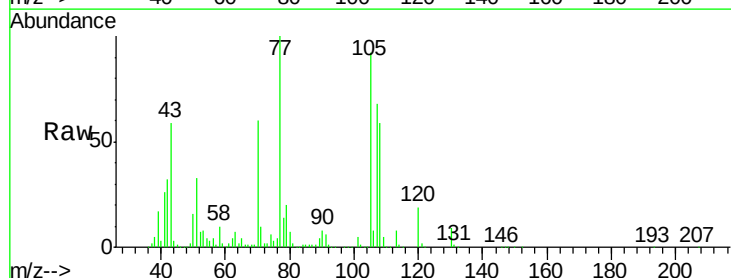
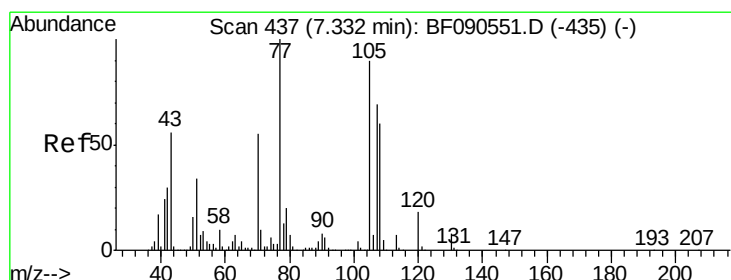
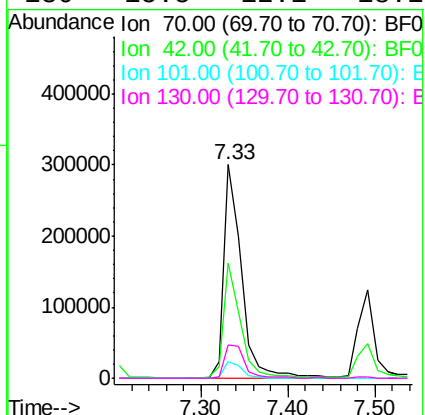
Ion Ratio Lower Upper

70 100

42 53.7 43.4 65.0

101 7.8 6.4 9.6

130 15.5 12.1 18.1



#20

3+4-Methylphenols

Concen: 42.09 ng

RT: 7.33 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Tgt Ion: 107 Resp: 512168

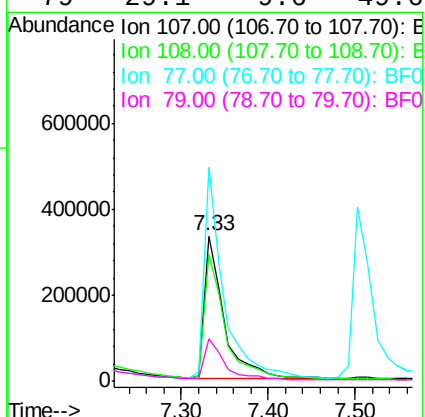
Ion Ratio Lower Upper

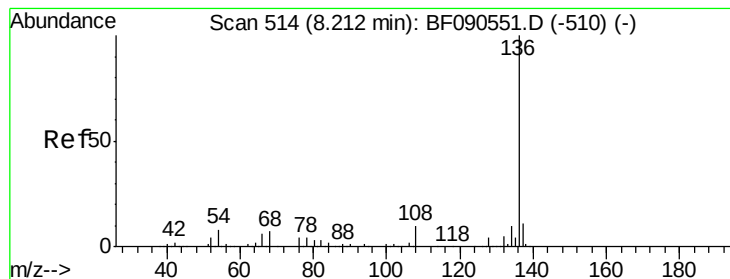
107 100

108 87.3 67.7 107.7

77 147.5 123.1 163.1

79 29.1 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

Tgt Ion:136 Resp: 763184

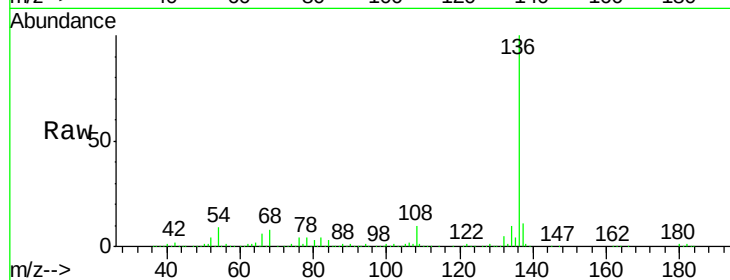
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.7 6.8 10.2

68 7.6 6.0 9.0

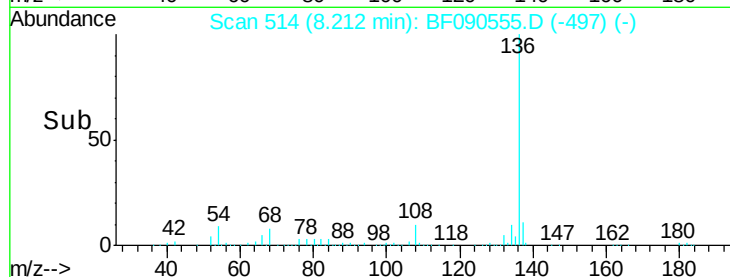


Abundance Ion 136.00 (135.70 to 136.70): E

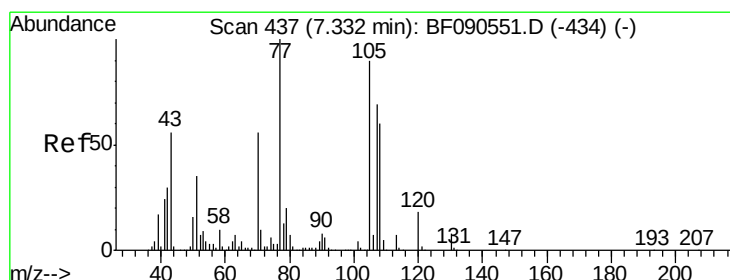
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 44.56 ng

RT: 7.33 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Tgt Ion:105 Resp: 751630

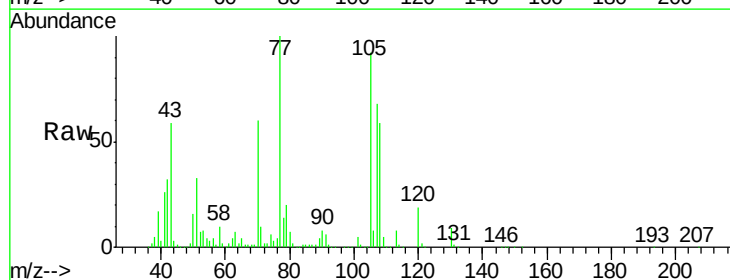
Ion Ratio Lower Upper

105 100

71 11.1 8.5 12.7

51 36.0 31.0 46.4

120 20.3 16.2 24.4

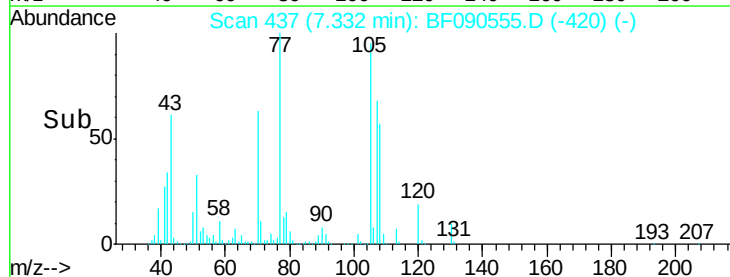


Abundance Ion 105.00 (104.70 to 105.70): E

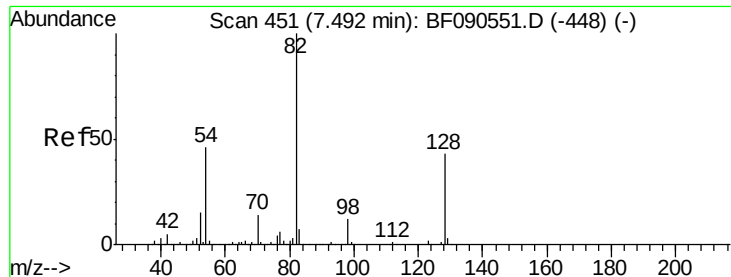
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



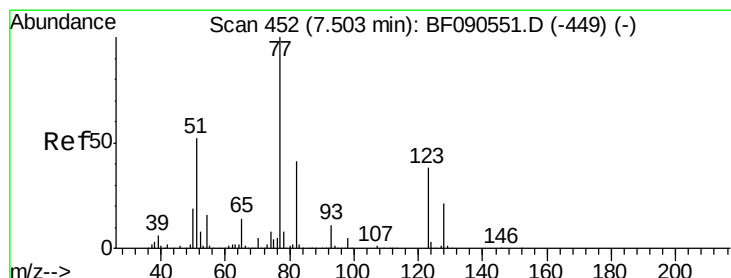
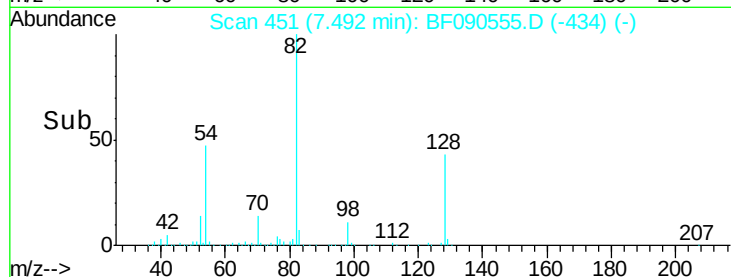
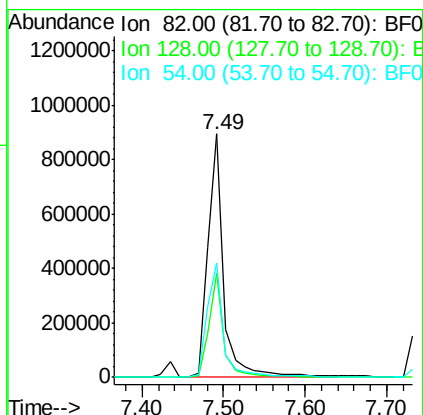
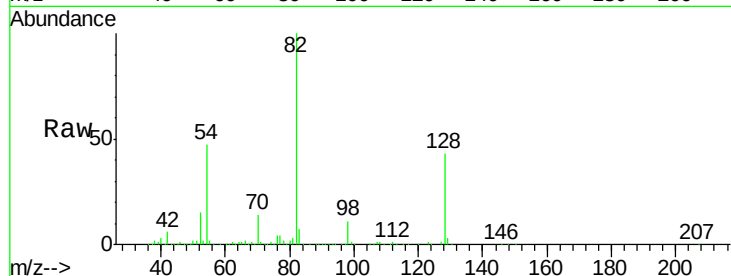
Time-->



#23
 Nitrobenzene-d5
 Concen: 85.98 ng
 RT: 7.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

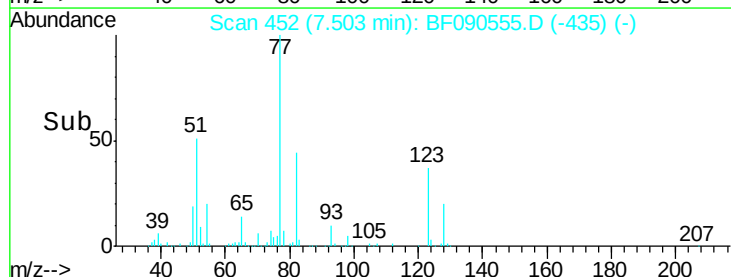
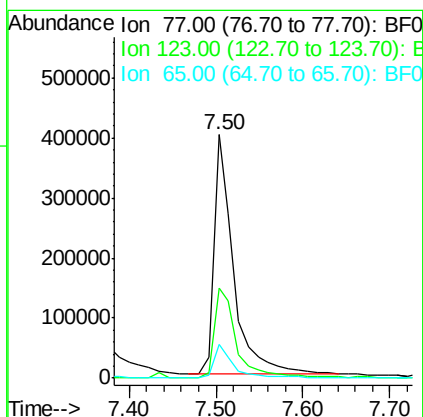
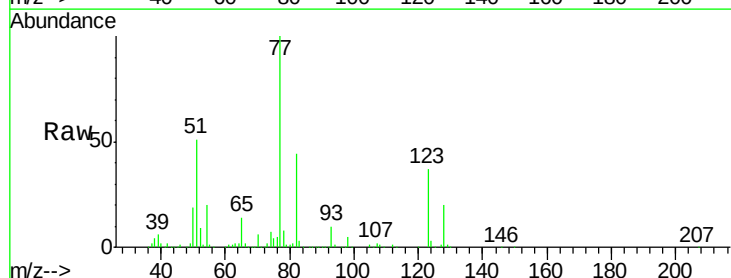
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

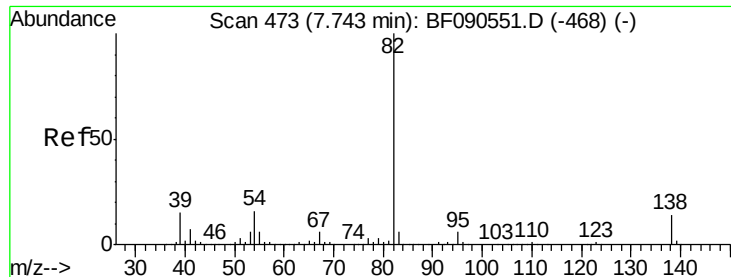
Tgt Ion: 82 Resp: 1224609
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.3 51.5
 54 47.2 37.0 55.6



#24
 Nitrobenzene
 Concen: 41.82 ng
 RT: 7.50 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion: 77 Resp: 623621
 Ion Ratio Lower Upper
 77 100
 123 36.8 29.8 44.6
 65 13.6 10.9 16.3





#25

Isophorone

Concen: 41.52 ng

RT: 7.74 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

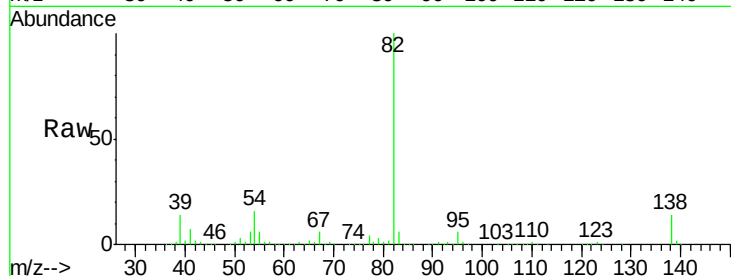
Tgt Ion: 82 Resp: 1065037

Ion Ratio Lower Upper

82 100

95 6.3 5.0 7.6

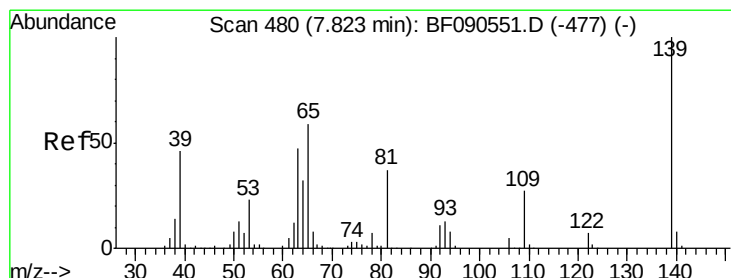
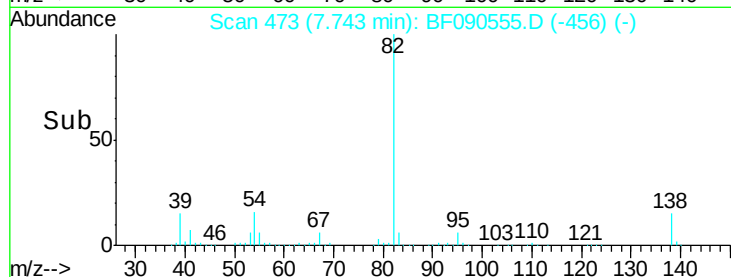
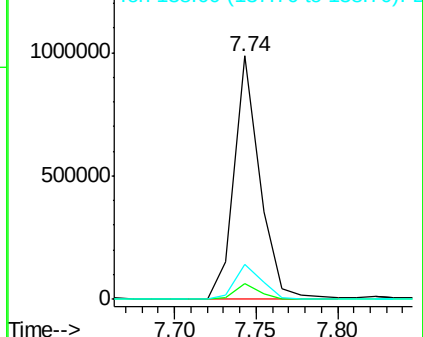
138 14.3 11.5 17.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.21 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

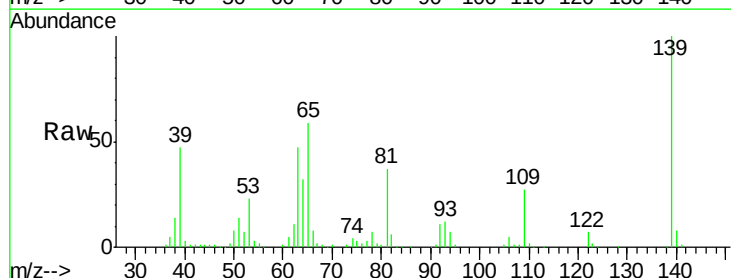
Tgt Ion: 139 Resp: 279888

Ion Ratio Lower Upper

139 100

109 27.2 21.8 32.6

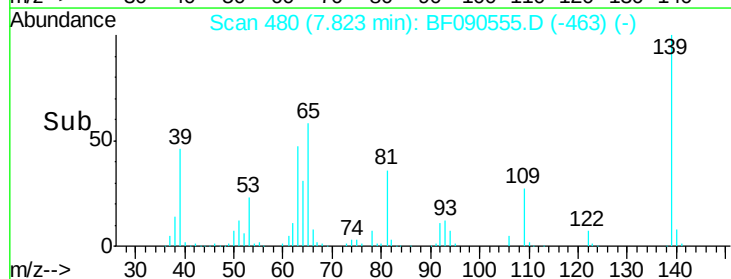
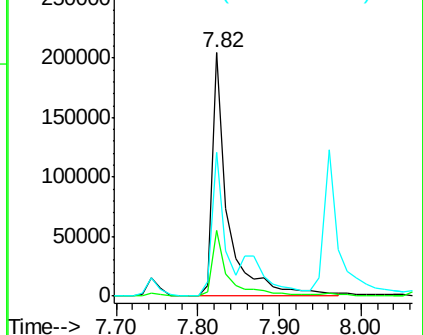
65 58.8 47.7 71.5

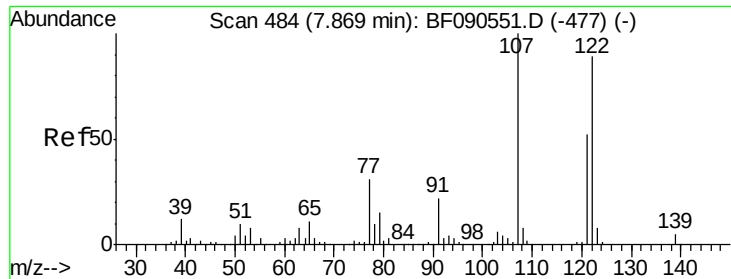


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.45 ng

RT: 7.87 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

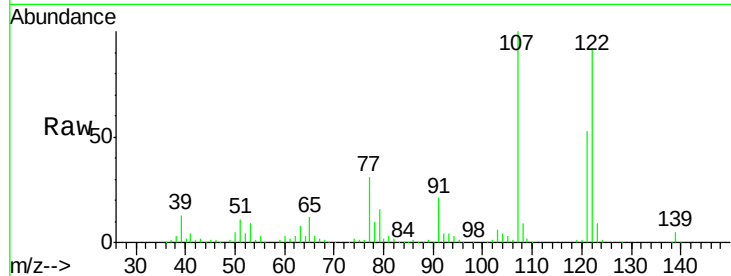
Tgt Ion:122 Resp: 432218

Ion Ratio Lower Upper

122 100

107 108.2 89.8 134.6

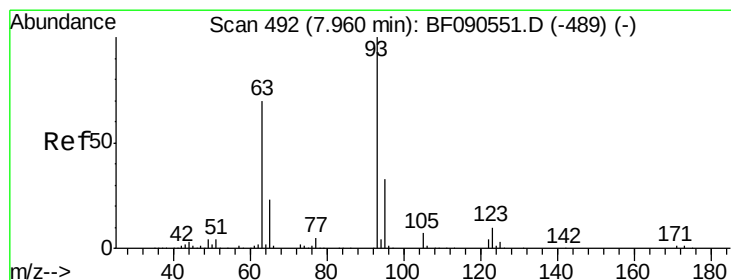
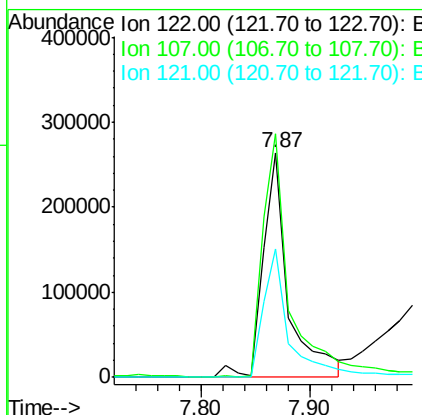
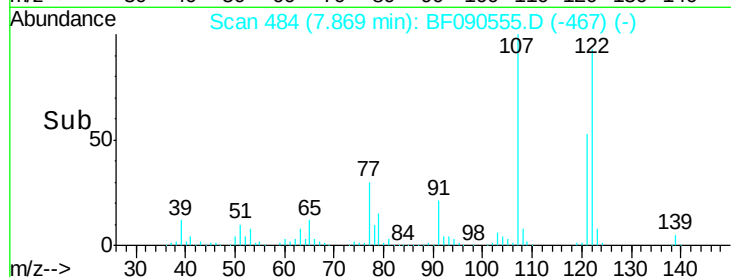
121 57.3 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.27 ng

RT: 7.96 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

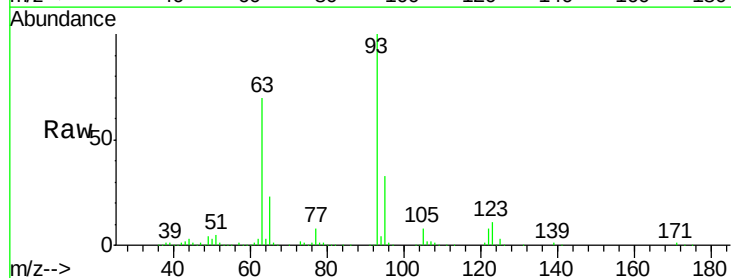
Tgt Ion: 93 Resp: 660931

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

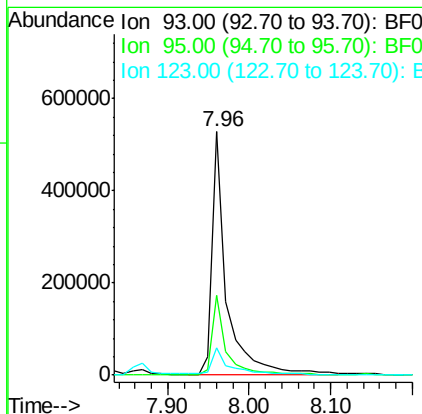
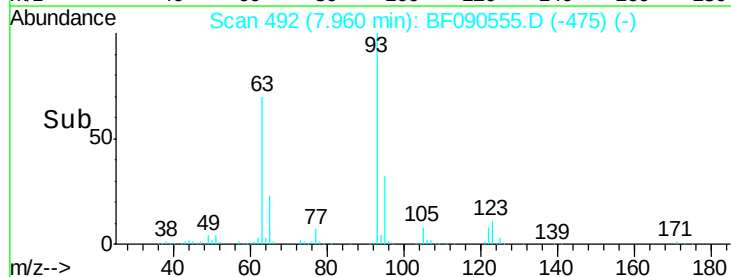
123 11.0 8.6 13.0

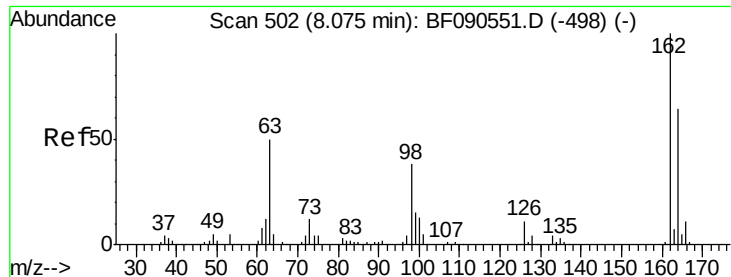


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

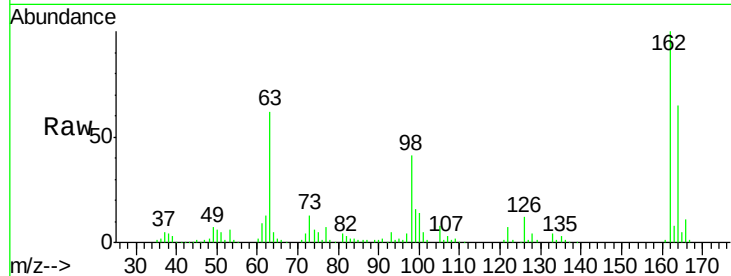




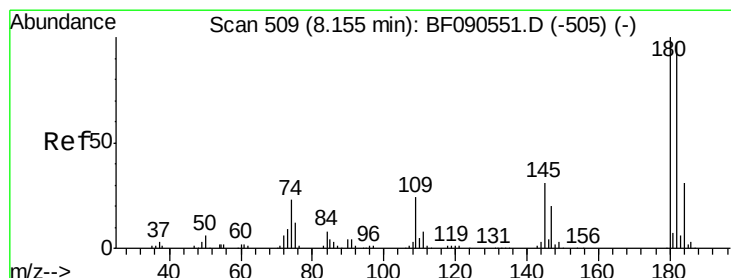
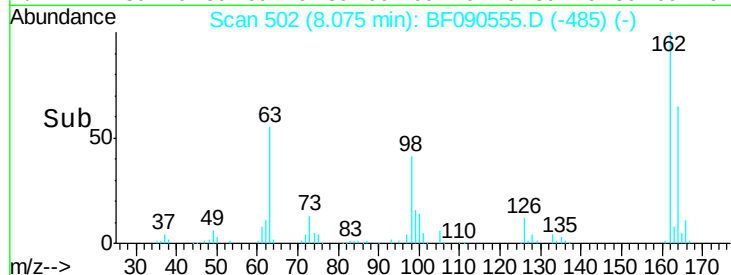
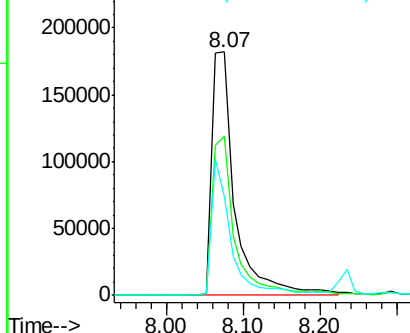
#29
2,4-Dichlorophenol
Concen: 39.56 ng
RT: 8.07 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tgt Ion:162 Resp: 381283
Ion Ratio Lower Upper
162 100
164 65.3 44.0 84.0
98 40.6 18.0 58.0

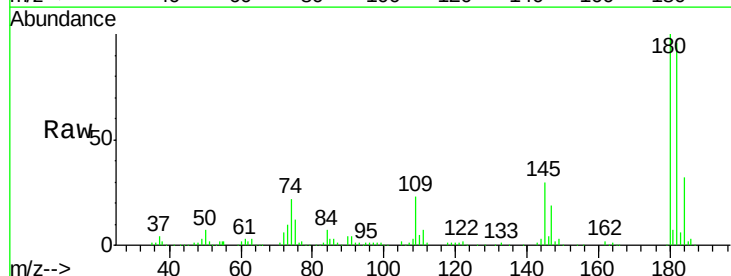


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

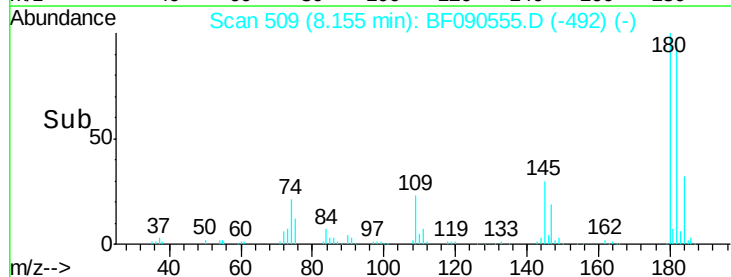
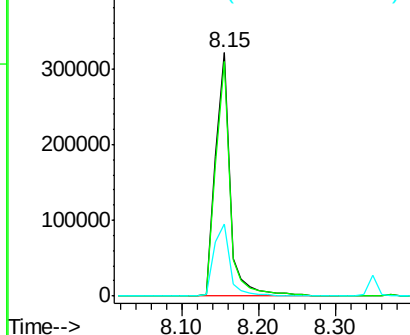


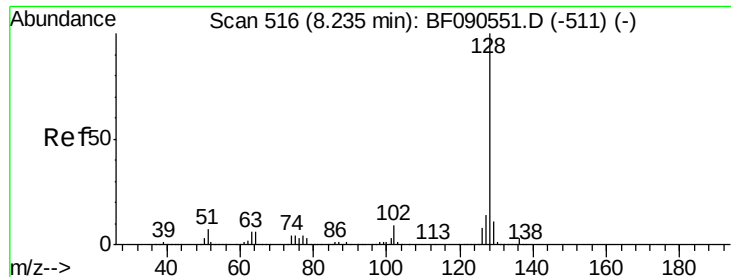
#30
1,2,4-Trichlorobenzene
Concen: 38.02 ng
RT: 8.15 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion:180 Resp: 425568
Ion Ratio Lower Upper
180 100
182 96.4 77.2 115.8
145 29.8 24.4 36.6



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

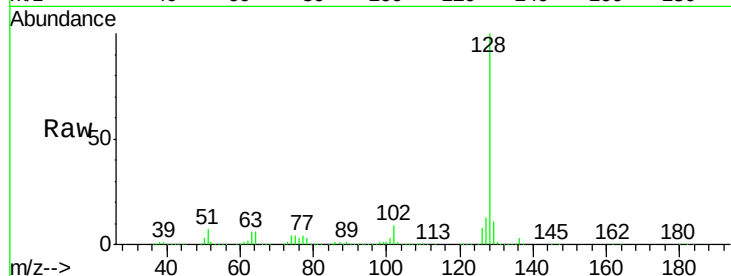




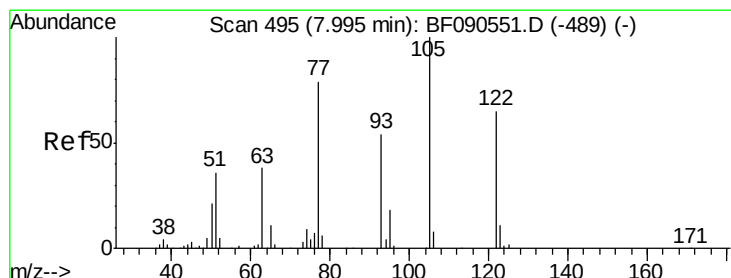
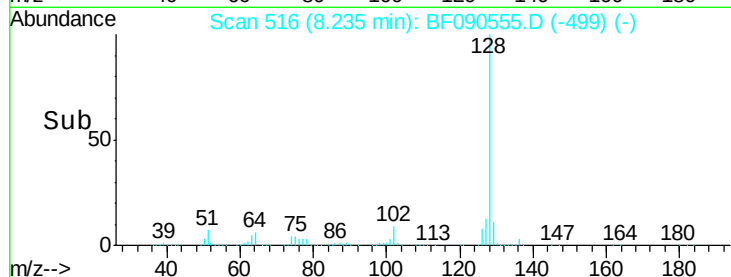
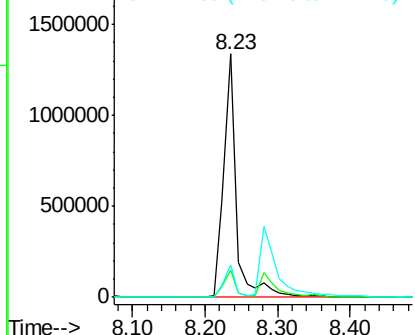
#31
Naphthalene
Concen: 42.85 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tgt Ion:128 Resp: 1641826
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2

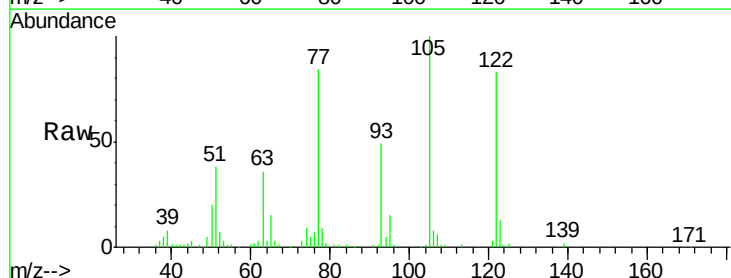


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

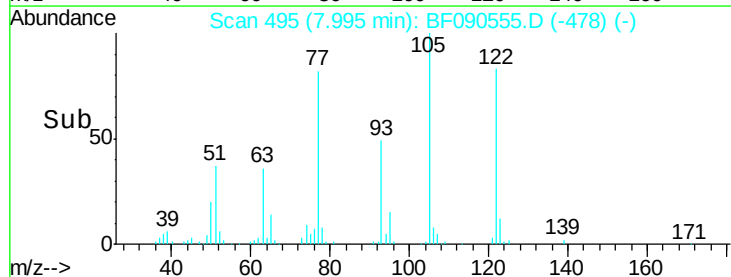
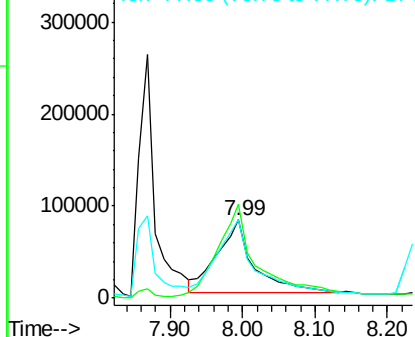


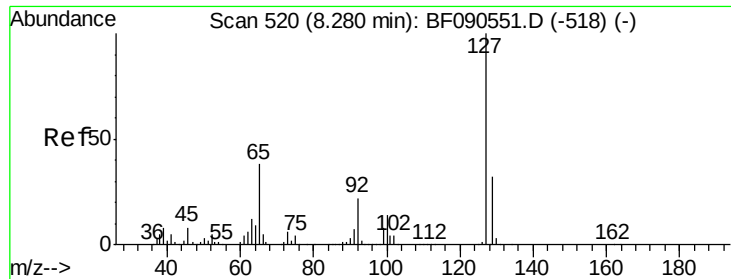
#32
Benzoic acid
Concen: 32.18 ng
RT: 7.99 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion:122 Resp: 282601
Ion Ratio Lower Upper
122 100
105 120.9 101.1 141.1
77 101.0 84.7 124.7



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

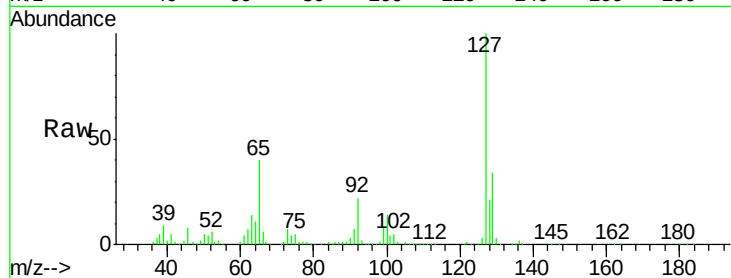




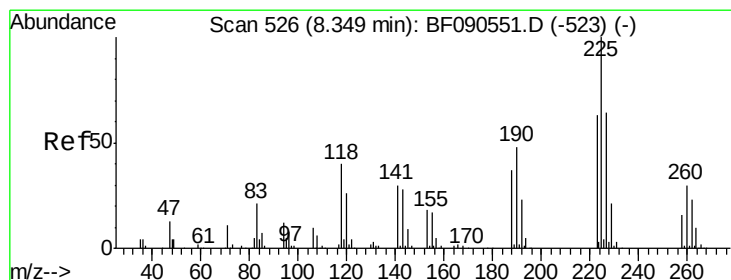
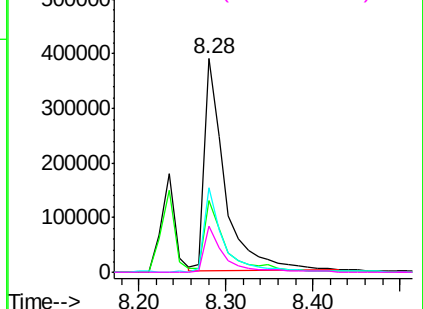
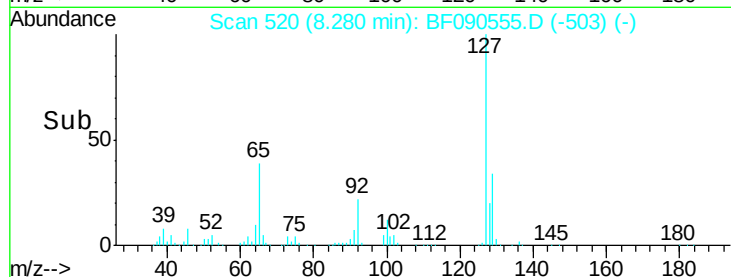
#33
4-Chloroaniline
Concen: 39.67 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tgt Ion:	127	Resp:	635949
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.2	39.2
65	39.6	30.1	45.1
92	21.7	17.2	25.8

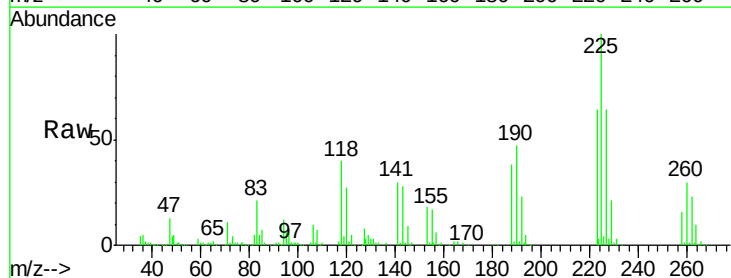


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

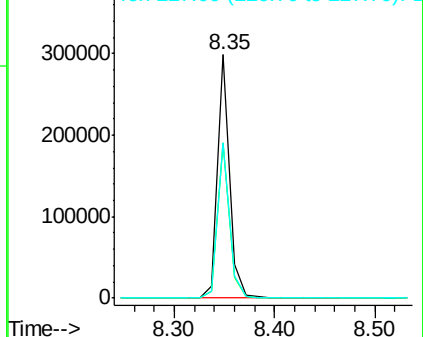
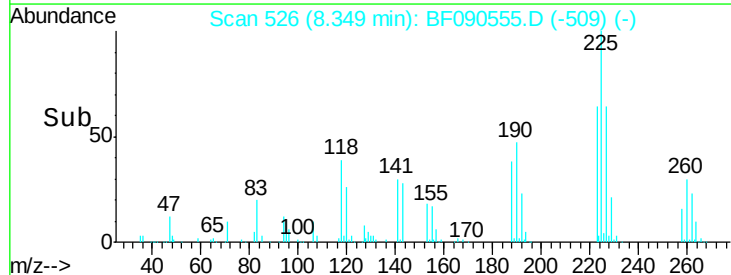


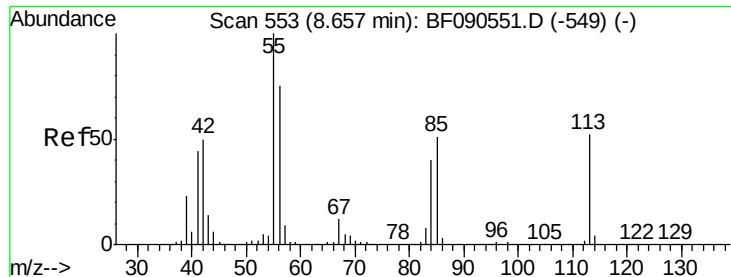
#34
Hexachlorobutadiene
Concen: 39.94 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion:	225	Resp:	248804
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.7	51.4	77.2



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

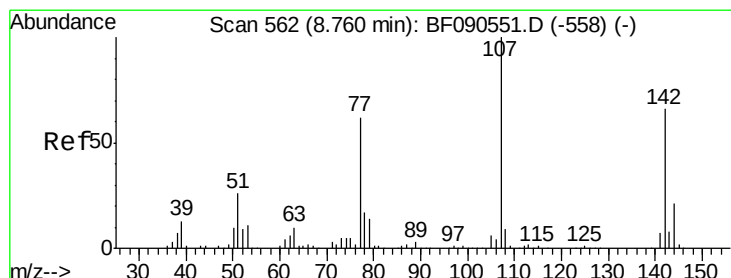
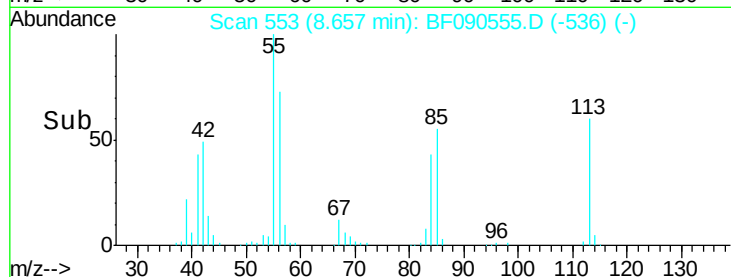
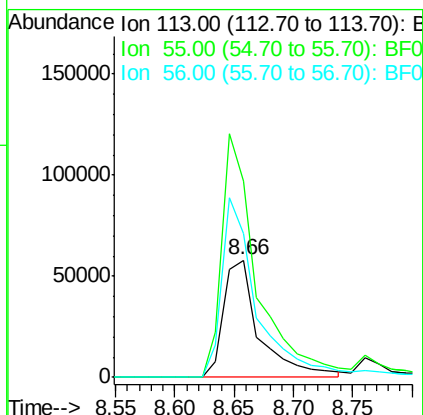
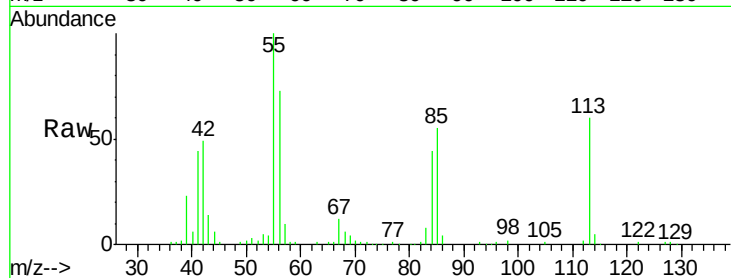




#35
 Caprolactam
 Concen: 38.99 ng
 RT: 8.66 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

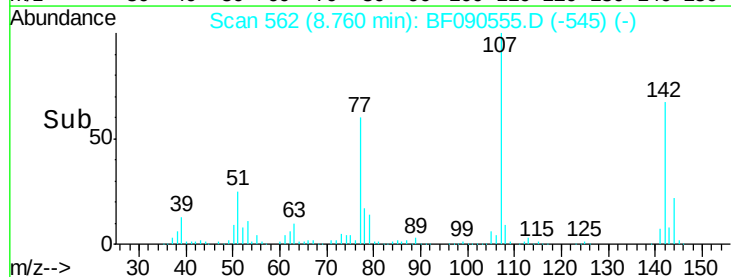
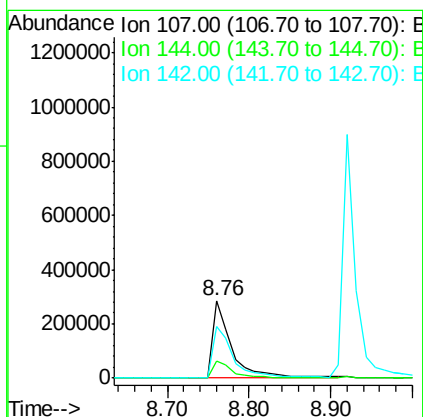
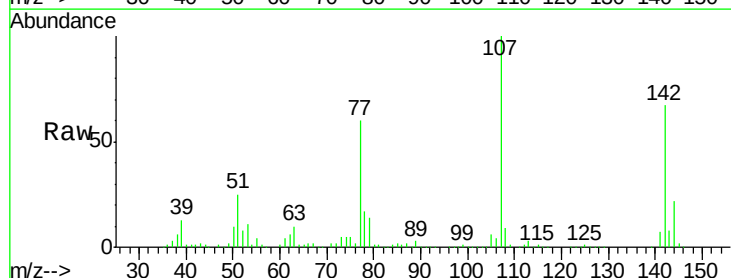
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

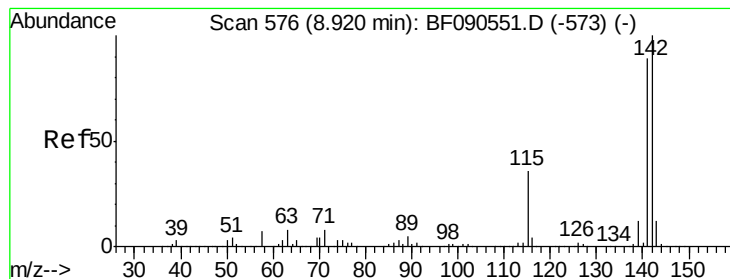
Tgt Ion:113 Resp: 121754
 Ion Ratio Lower Upper
 113 100
 55 167.7 170.8 210.8#
 56 123.0 122.4 162.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.45 ng
 RT: 8.76 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion:107 Resp: 468147
 Ion Ratio Lower Upper
 107 100
 144 21.8 16.9 25.3
 142 67.1 52.5 78.7





#37

2-Methylnaphthalene

Concen: 38.16 ng

RT: 8.92 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

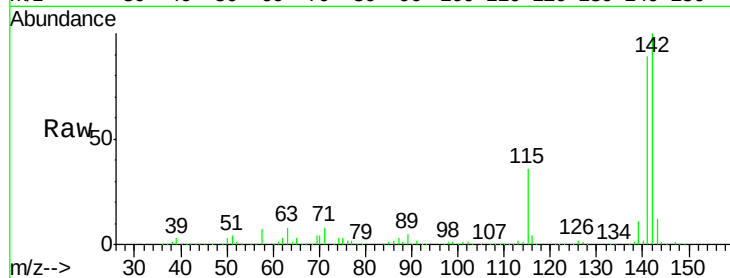
Tgt Ion:142 Resp: 971485

Ion Ratio Lower Upper

142 100

141 88.7 71.3 106.9

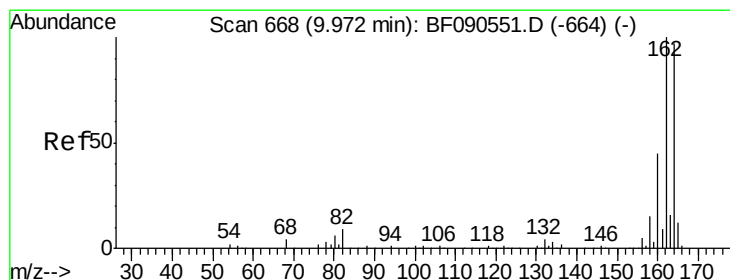
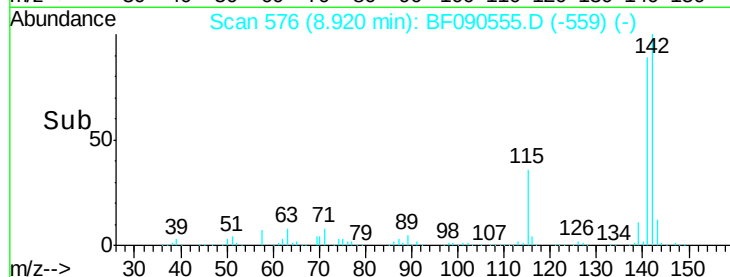
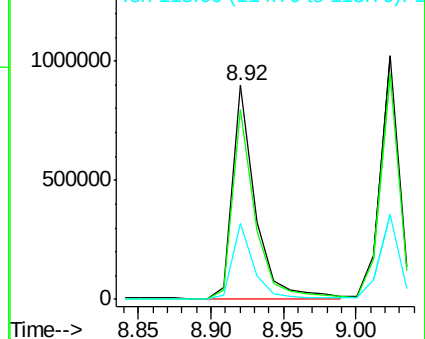
115 35.6 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

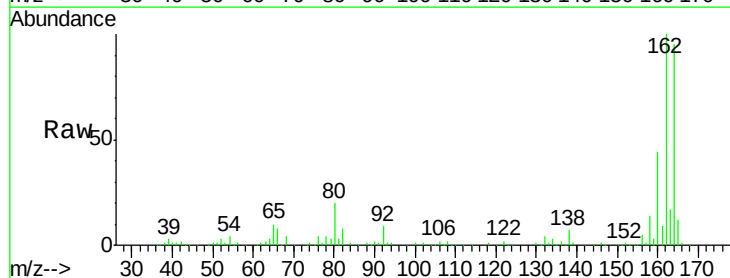
Tgt Ion:164 Resp: 395964

Ion Ratio Lower Upper

164 100

162 105.3 82.2 123.4

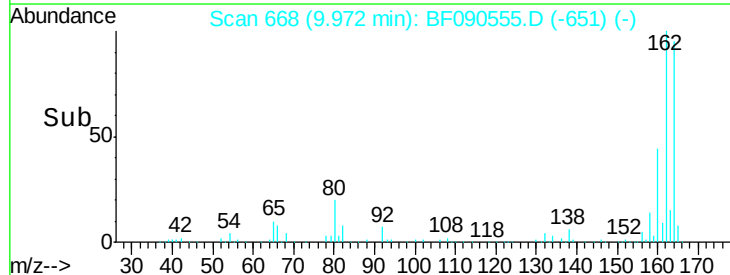
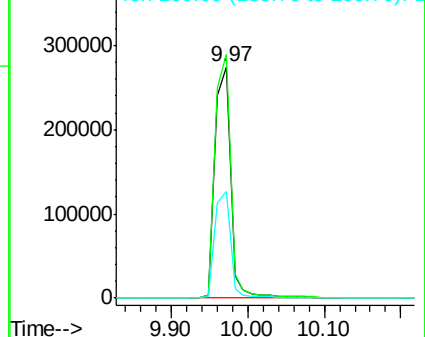
160 46.2 36.6 55.0

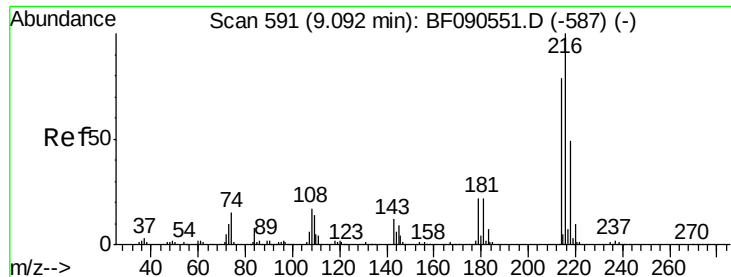


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.85 ng

RT: 9.09 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

Tgt Ion:216 Resp: 434338

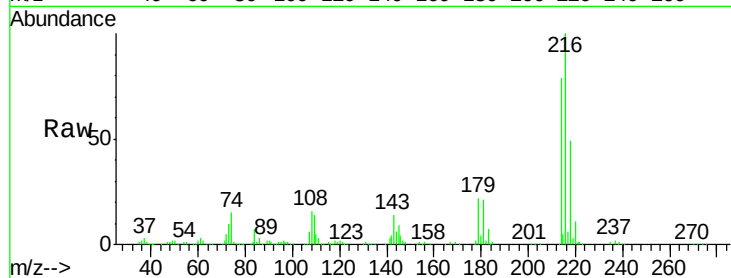
Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

179 23.0 18.9 28.3

108 22.1 17.8 26.6

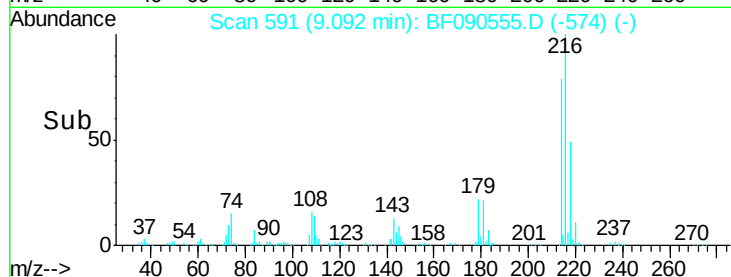


Abundance Ion 216.00 (215.70 to 216.70): E

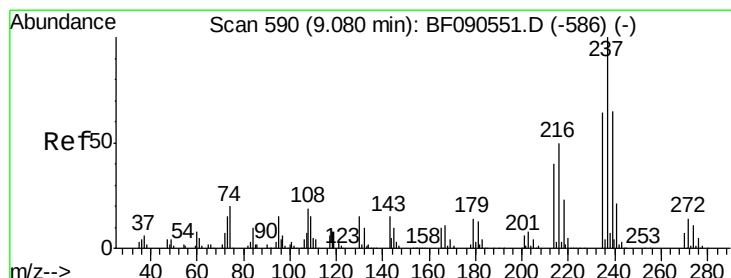
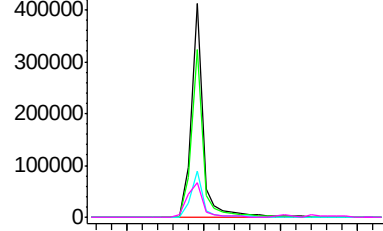
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 39.93 ng

RT: 9.08 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

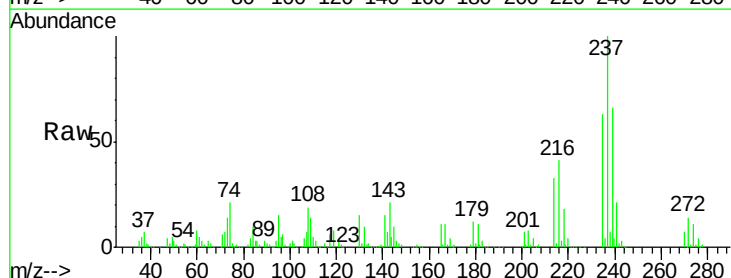
Tgt Ion:237 Resp: 214045

Ion Ratio Lower Upper

237 100

235 62.6 43.8 83.8

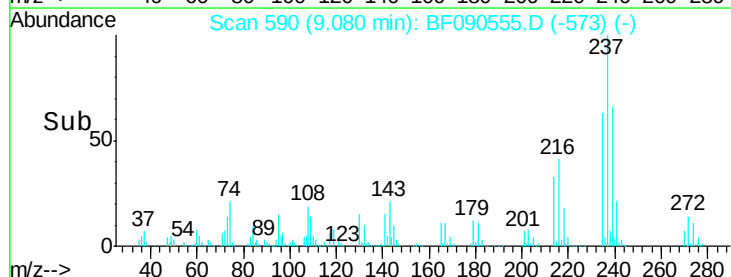
272 13.5 0.0 33.7



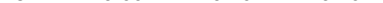
Abundance Ion 236.80 (236.50 to 237.50): E

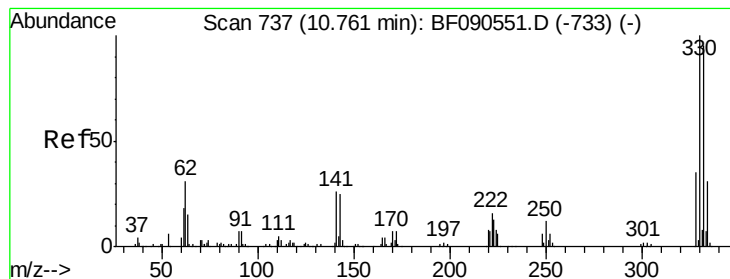
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 80.90 ng

RT: 10.76 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

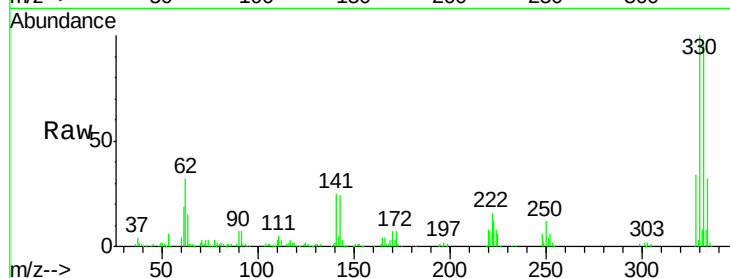
Tgt Ion:330 Resp: 309497

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.2

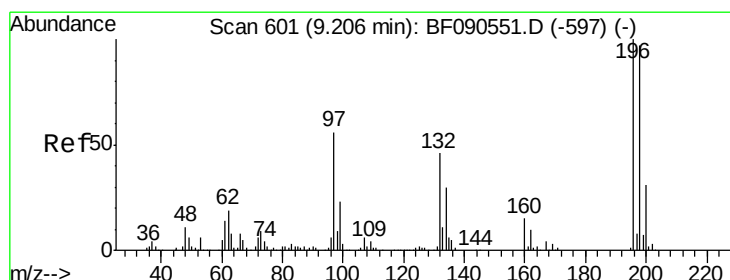
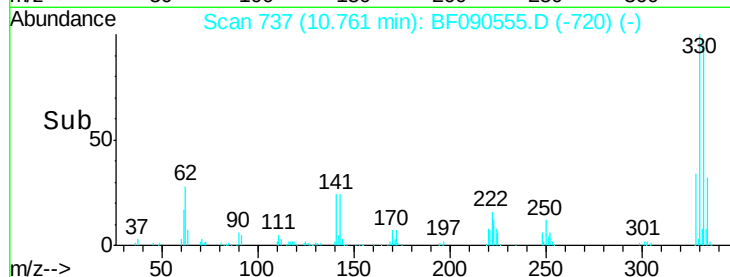
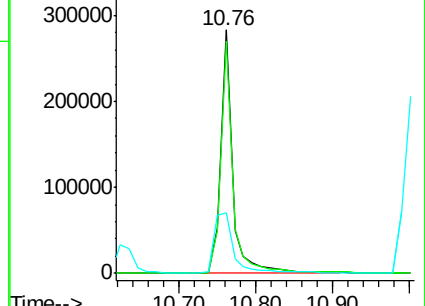
141 39.9 31.4 47.2



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: 33.52 ng

RT: 9.21 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

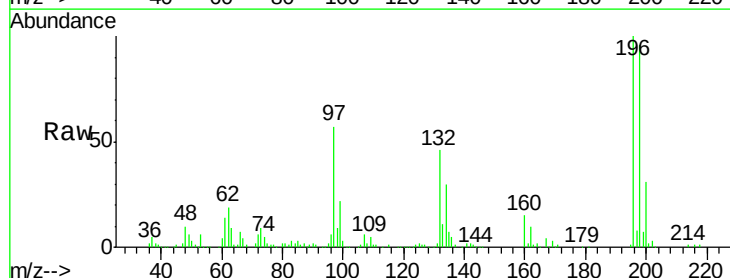
Tgt Ion:196 Resp: 245801

Ion Ratio Lower Upper

196 100

198 96.1 77.9 116.9

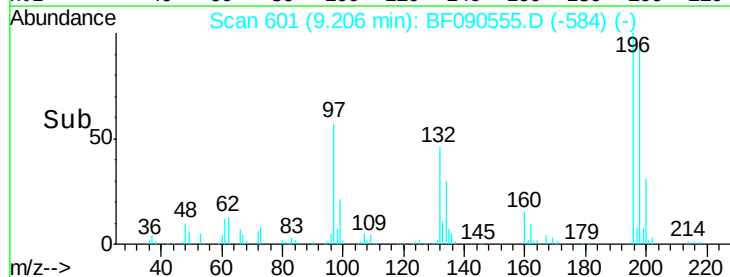
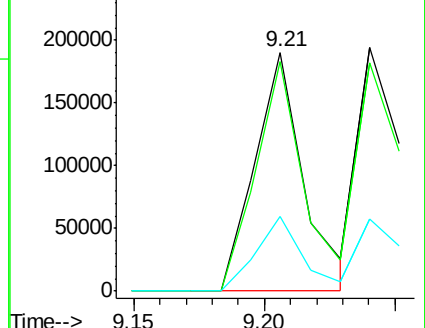
200 31.0 25.1 37.7

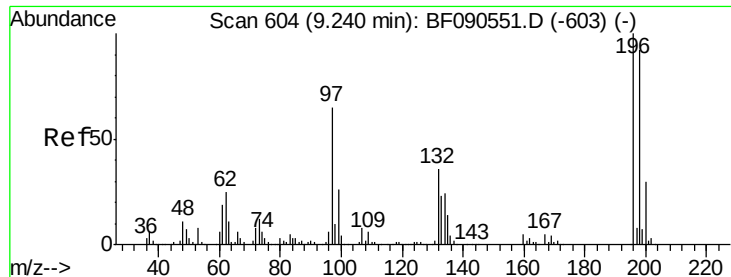


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

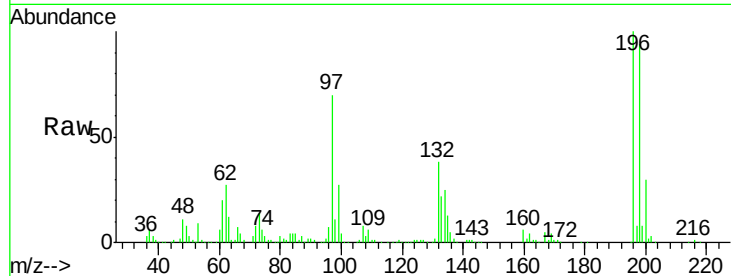




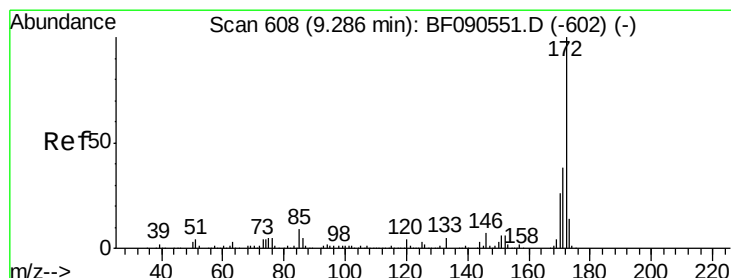
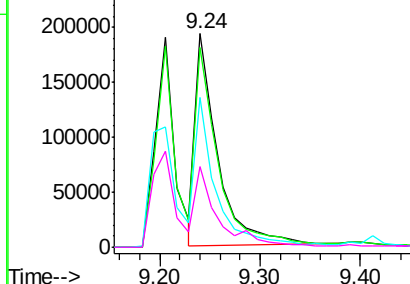
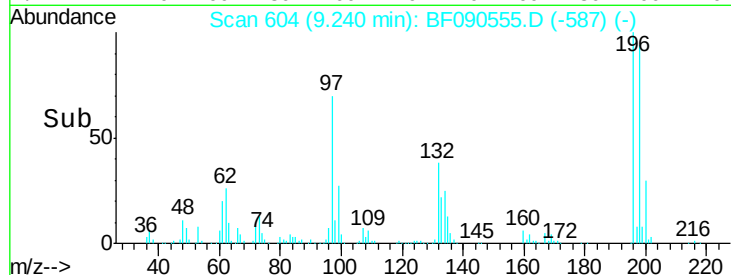
#43
 2,4,5-Trichlorophenol
 Concen: 41.36 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

Tgt Ion:196 Resp: 300787
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.0 111.0
 97 70.1 54.7 82.1
 132 37.7 30.5 45.7

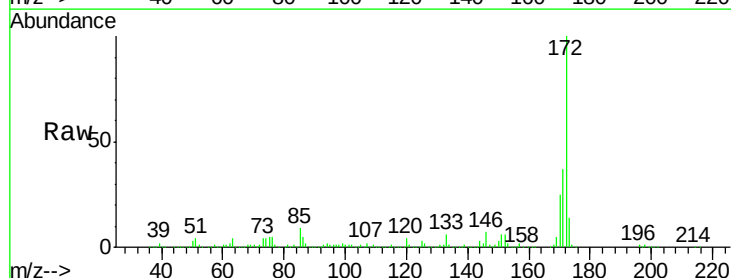


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

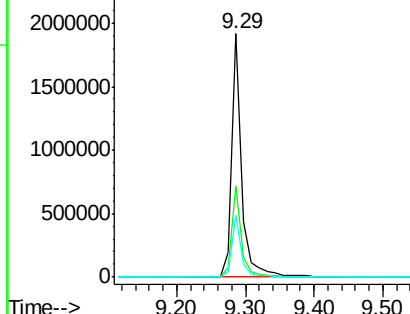
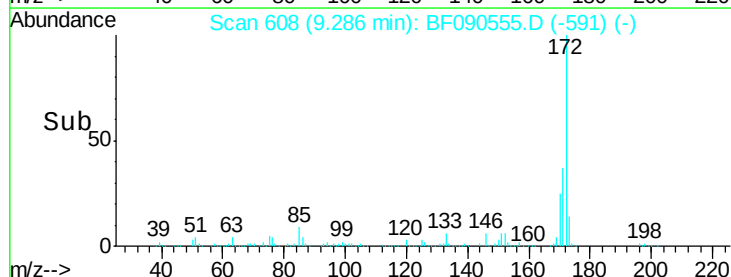


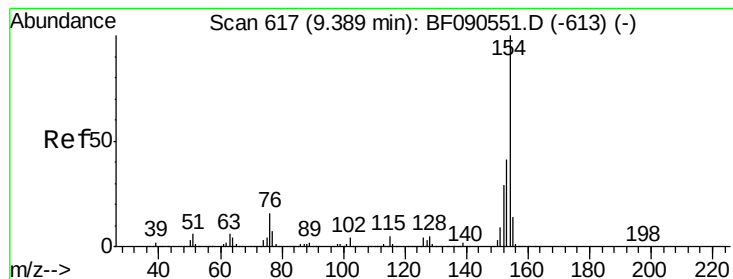
#44
 2-Fluorobiphenyl
 Concen: 84.84 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion:172 Resp: 1987006
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.1 45.1
 170 25.5 20.6 30.8



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: 44.61 ng

RT: 9.39 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

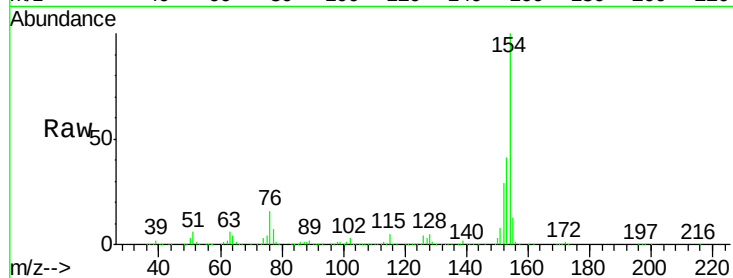
Tgt Ion:154 Resp: 1336104

Ion Ratio Lower Upper

154 100

153 40.9 21.5 61.5

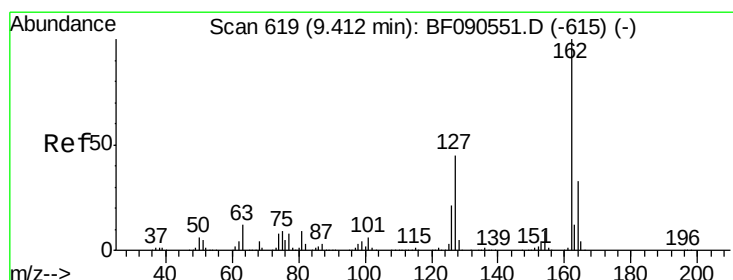
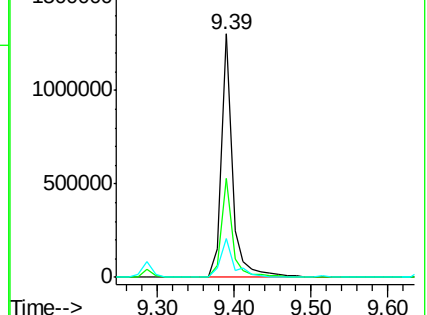
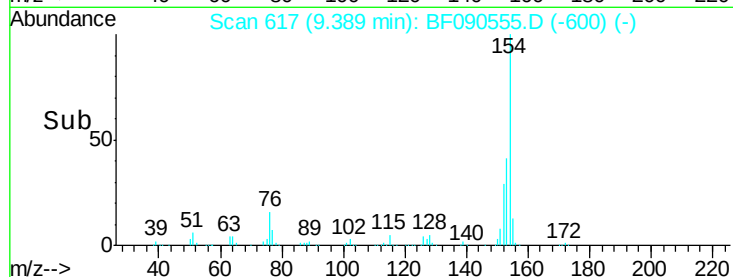
76 15.7 0.0 36.0



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: 43.64 ng

RT: 9.41 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

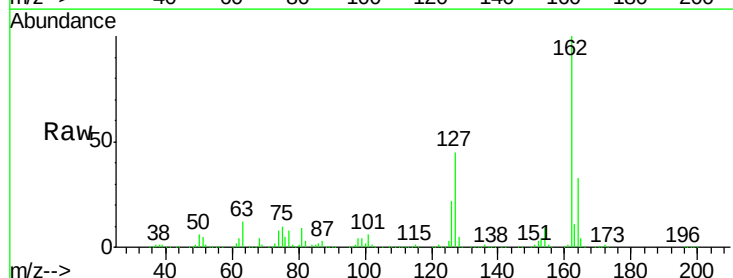
Tgt Ion:162 Resp: 973834

Ion Ratio Lower Upper

162 100

127 44.7 35.9 53.9

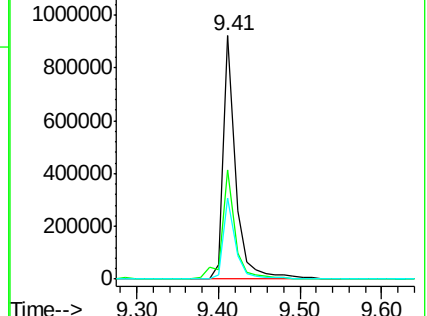
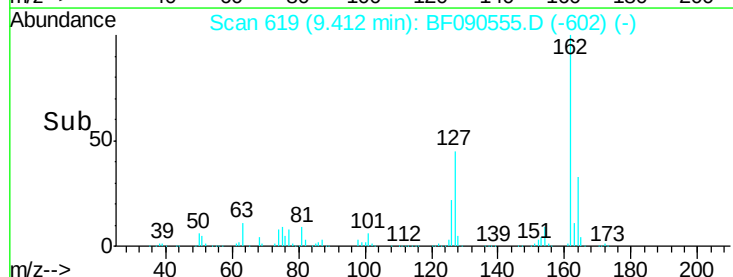
164 33.3 26.7 40.1

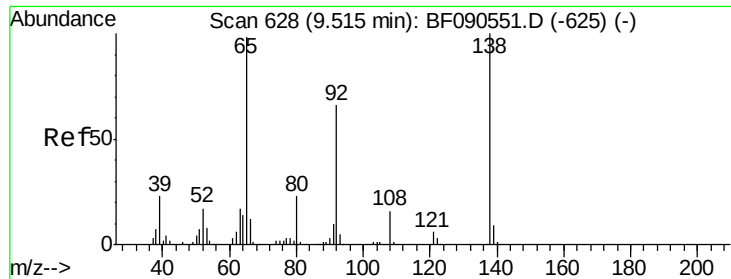


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

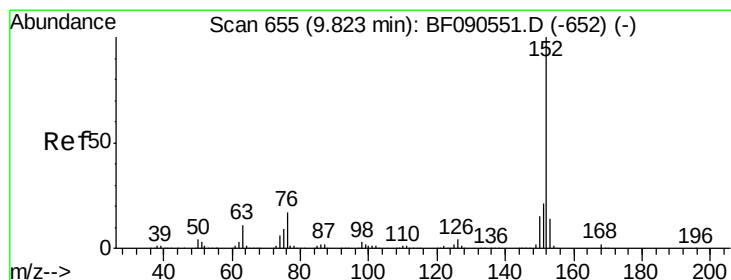
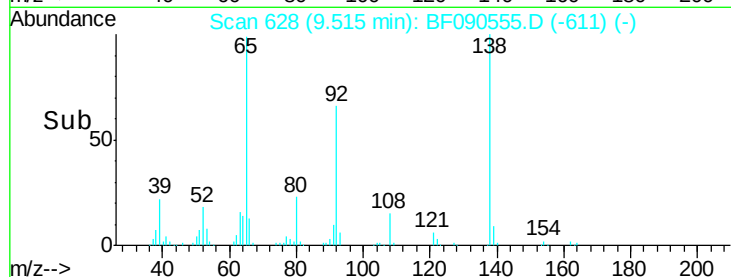
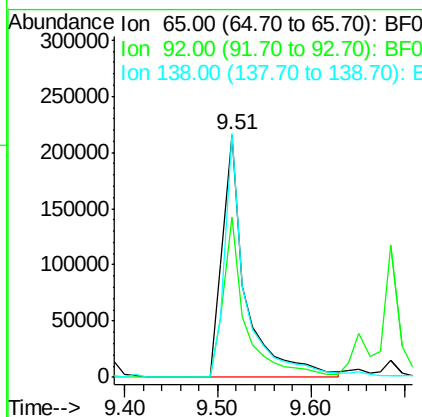
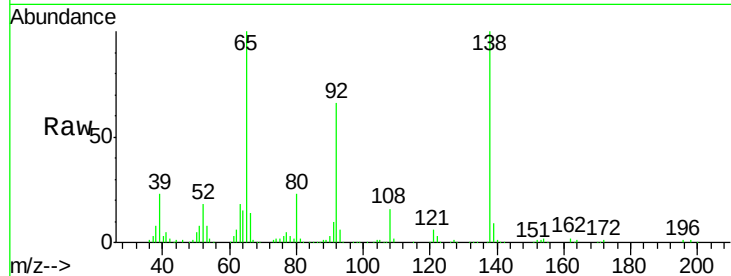




#47
2-Nitroaniline
Concen: 46.84 ng
RT: 9.51 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

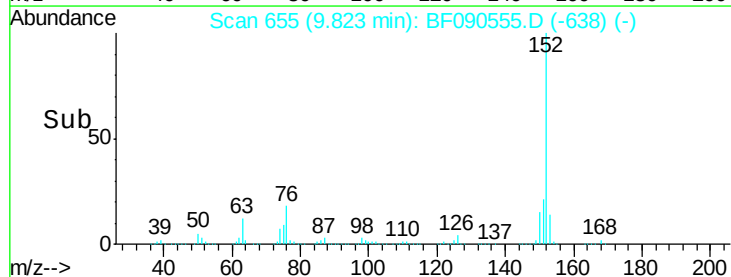
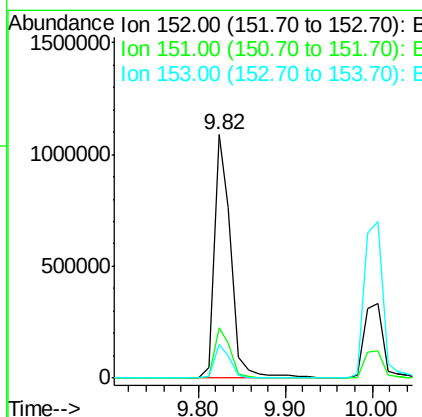
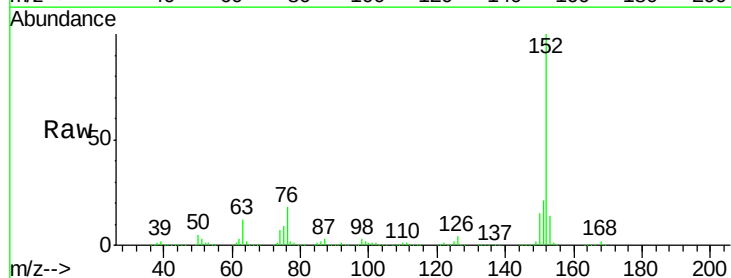
Instrument :
BNA_F
ClientSampleId :
ICVBF101316

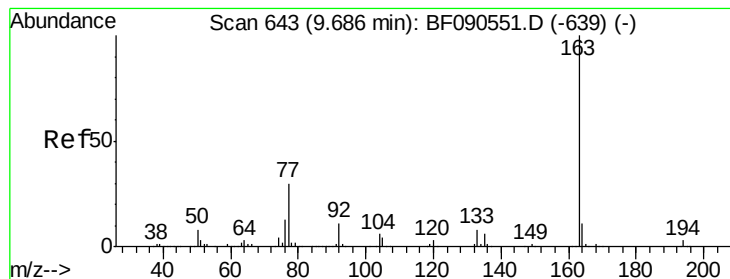
Tgt Ion: 65 Resp: 377402
Ion Ratio Lower Upper
65 100
92 66.3 54.3 81.5
138 100.3 81.7 122.5



#48
Acenaphthylene
Concen: 39.87 ng
RT: 9.82 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion: 152 Resp: 1446651
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 39.48 ng

RT: 9.69 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

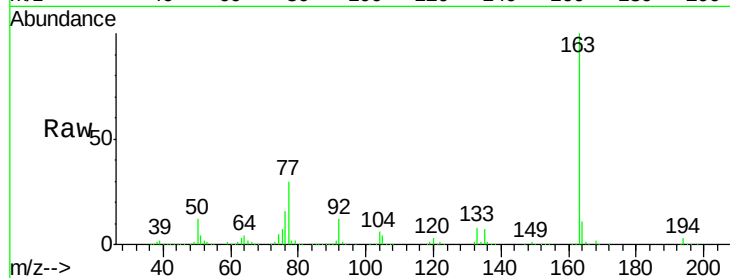
Tgt Ion:163 Resp: 1038707

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

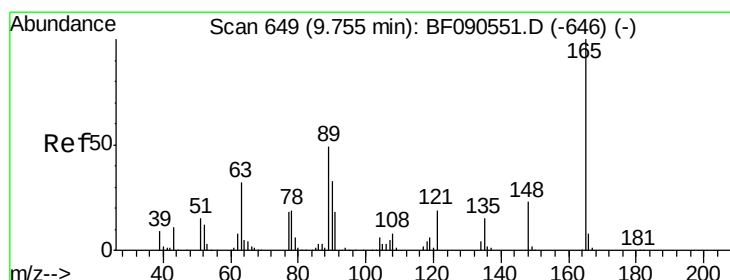
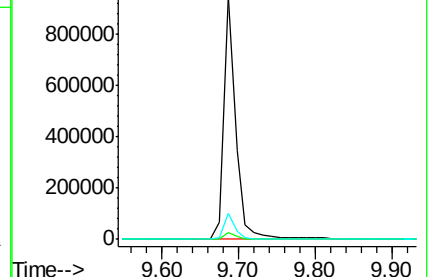
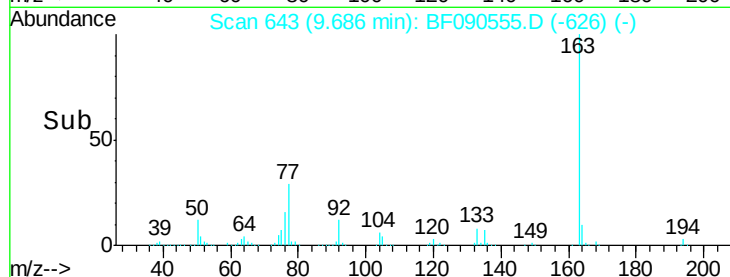
164 10.7 8.6 13.0



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: 40.22 ng

RT: 9.75 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

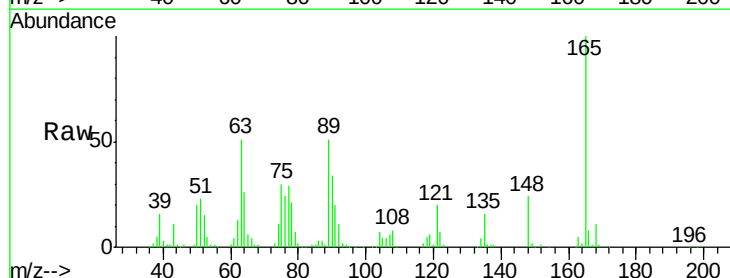
Tgt Ion:165 Resp: 237096

Ion Ratio Lower Upper

165 100

63 51.4 40.1 60.1

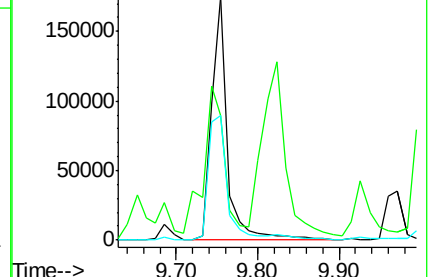
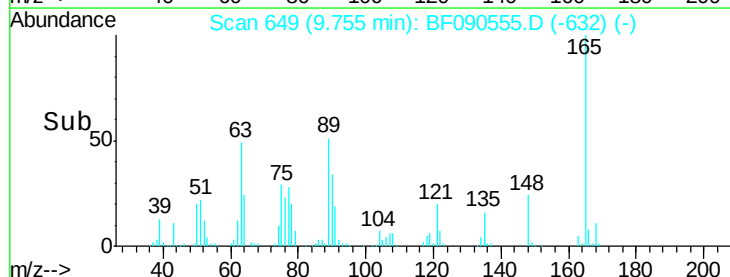
89 50.9 39.5 59.3

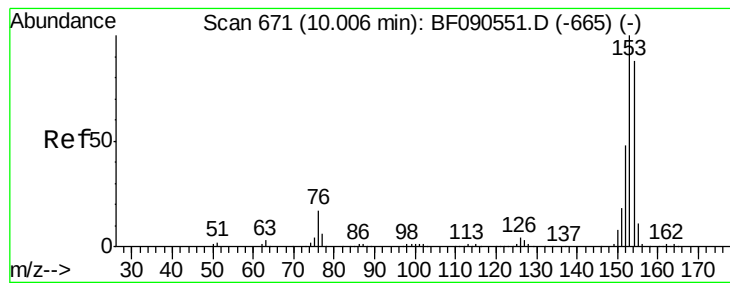


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.92 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

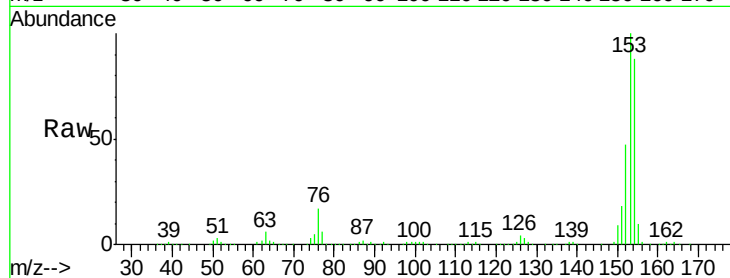
Tgt Ion:154 Resp: 990458

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

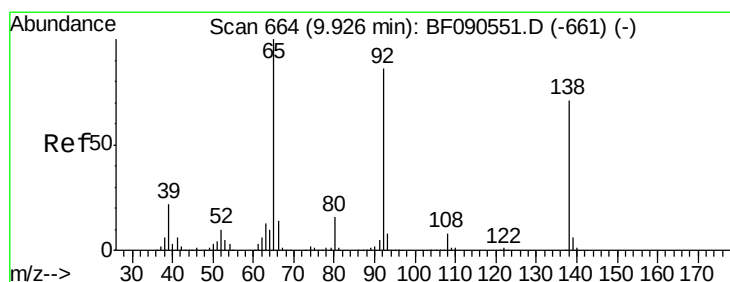
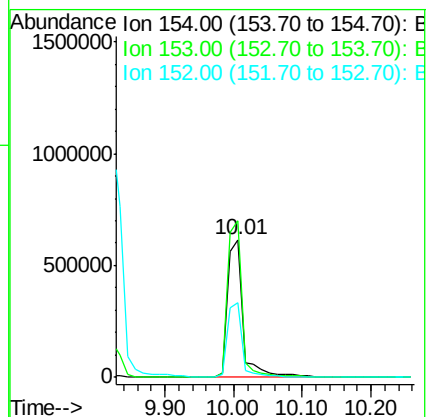
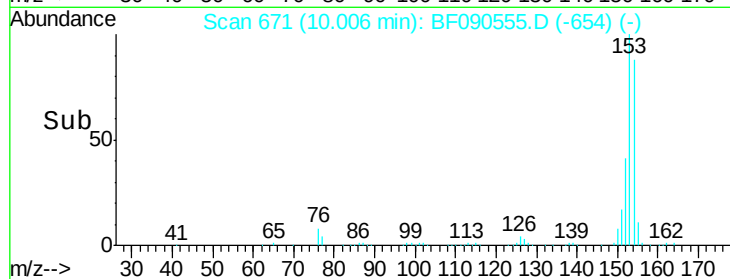
152 53.8 44.0 66.0



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: 42.54 ng

RT: 9.93 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

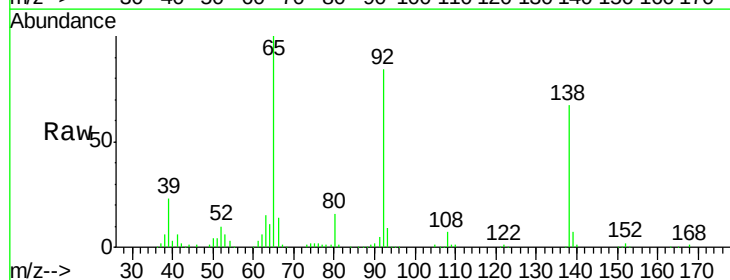
Tgt Ion:138 Resp: 310399

Ion Ratio Lower Upper

138 100

108 10.0 8.6 12.8

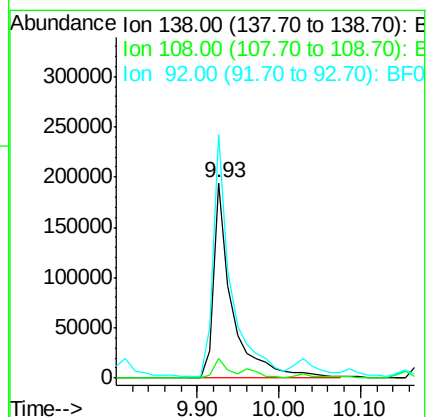
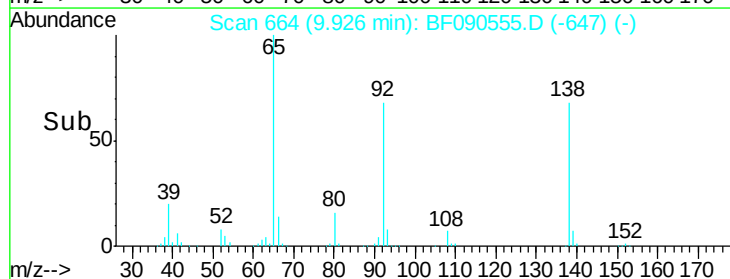
92 124.6 97.8 146.8

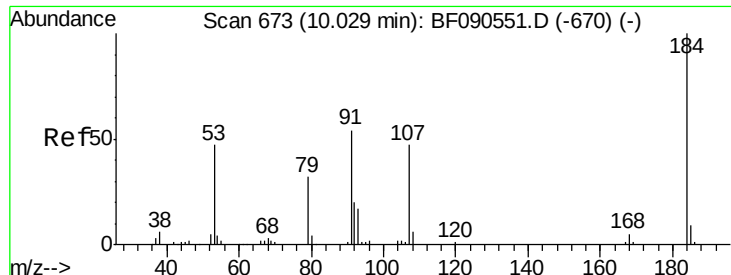


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

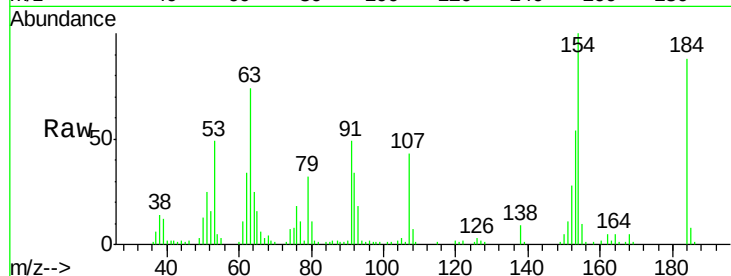




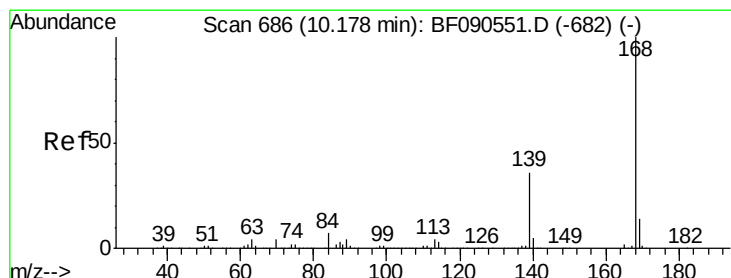
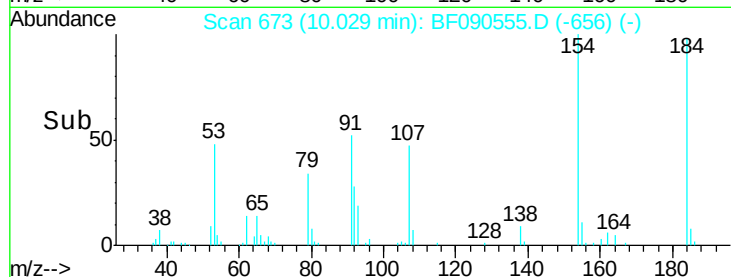
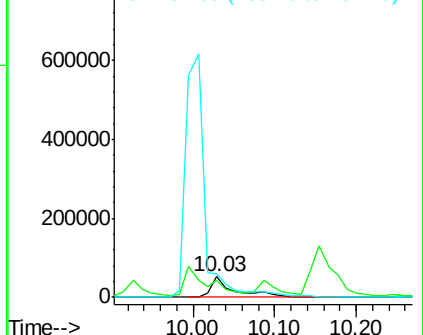
#53
2,4-Dinitrophenol
Concen: 35.51 ng
RT: 10.03 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tgt Ion:184 Resp: 109705
Ion Ratio Lower Upper
184 100
63 84.3 60.2 90.2
154 113.6 86.1 129.1

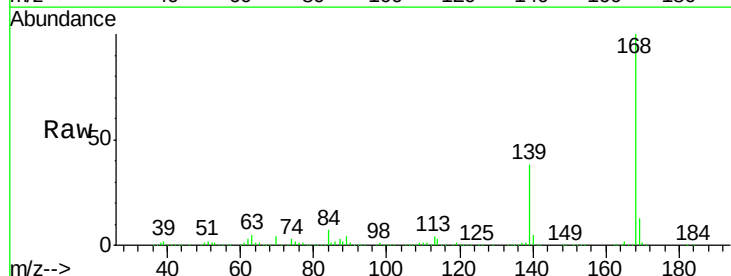


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

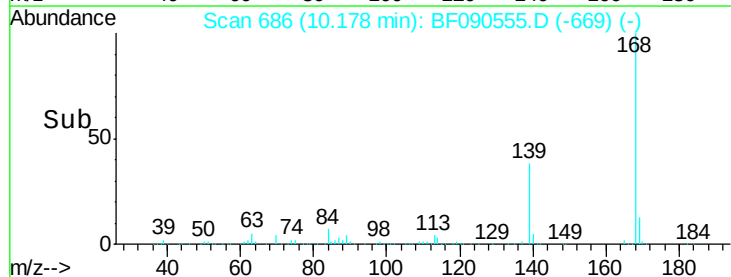
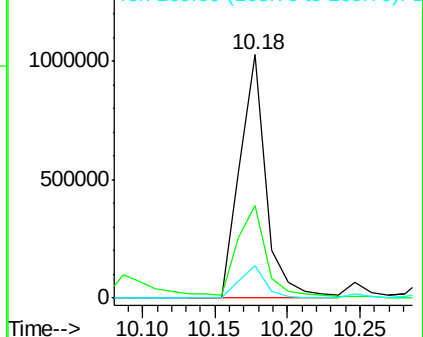


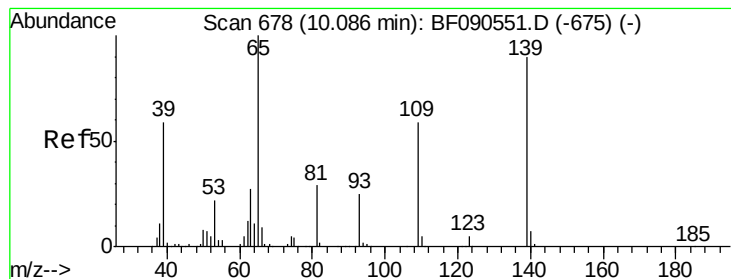
#54
Dibenzofuran
Concen: 40.25 ng
RT: 10.18 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion:168 Resp: 1299423
Ion Ratio Lower Upper
168 100
139 37.8 30.5 45.7
169 13.5 10.9 16.3



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: 34.62 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

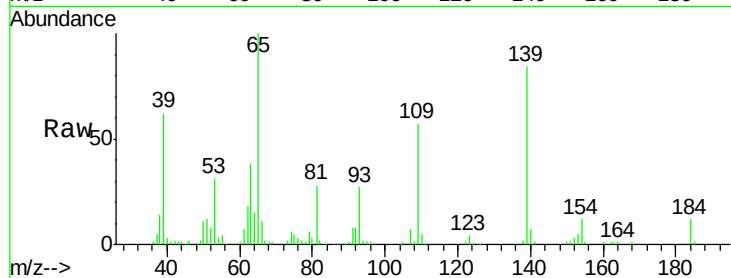
Tgt Ion:139 Resp: 185475

Ion Ratio Lower Upper

139 100

109 67.8 45.9 85.9

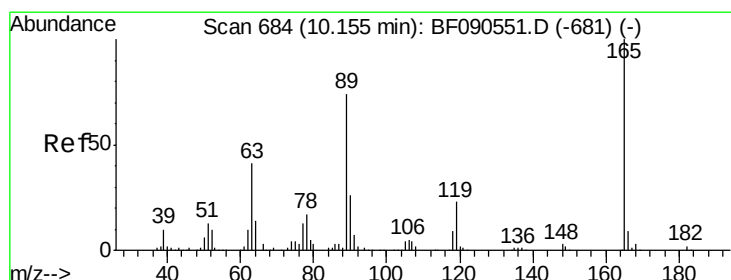
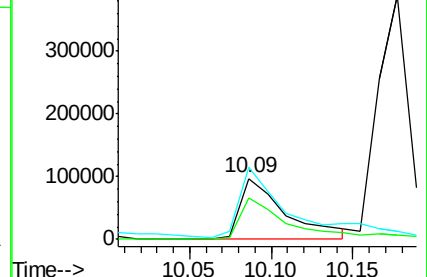
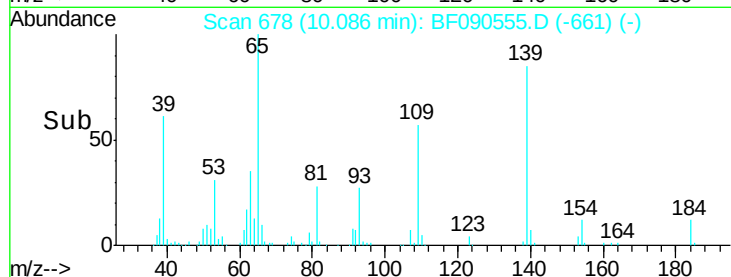
65 118.9 95.8 135.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.56 ng

RT: 10.15 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Tgt Ion:165 Resp: 341463

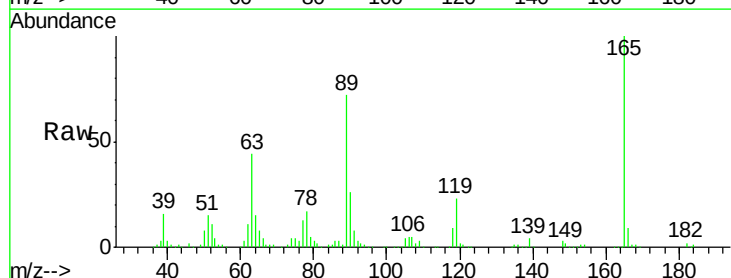
Ion Ratio Lower Upper

165 100

63 44.1 35.4 53.0

89 72.2 59.0 88.4

182 2.2 1.8 2.6

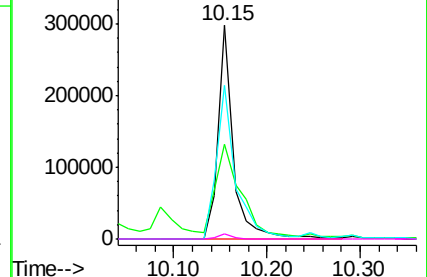
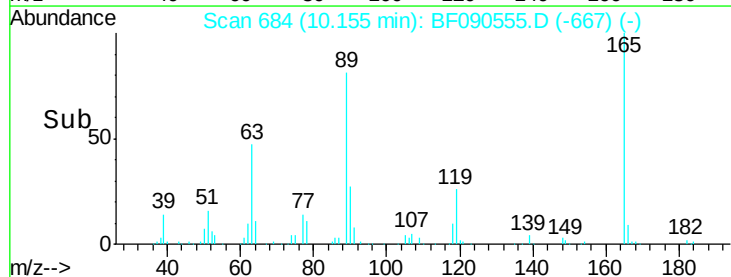


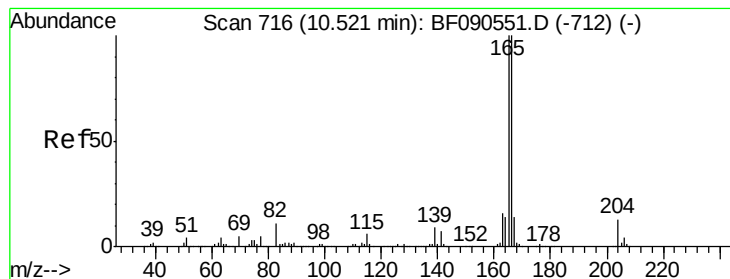
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.75 ng

RT: 10.52 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

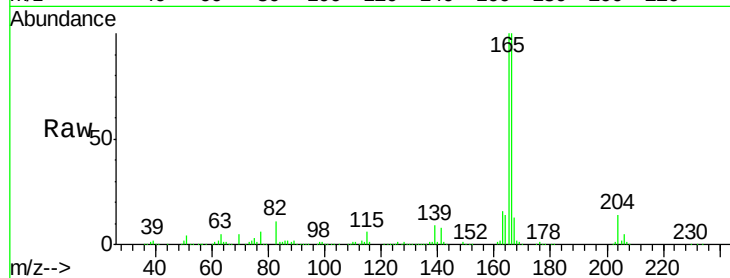
Tgt Ion:166 Resp: 1096934

Ion Ratio Lower Upper

166 100

165 99.8 79.9 119.9

167 13.3 10.9 16.3



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

1000000

800000

600000

400000

200000

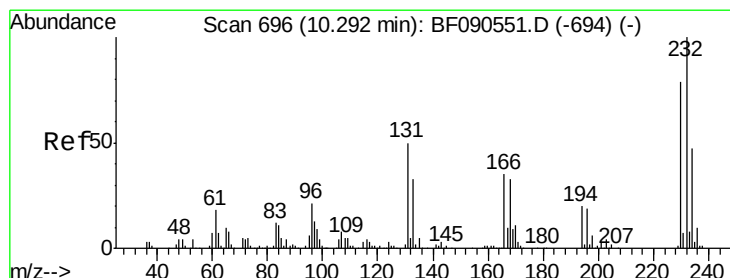
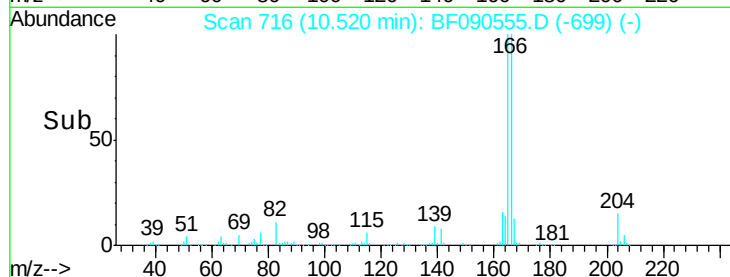
0

10.52

10.50

10.60

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.43 ng

RT: 10.29 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Tgt Ion:232 Resp: 254135

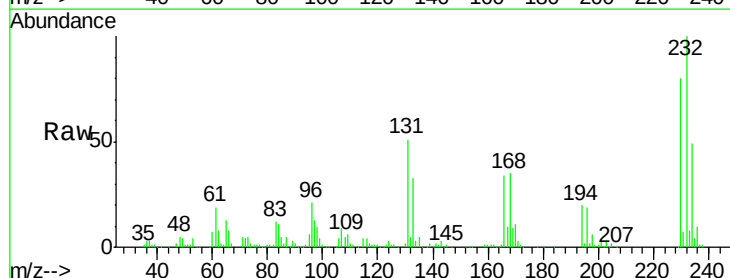
Ion Ratio Lower Upper

232 100

131 57.1 42.6 64.0

130 2.6 1.8 2.8

166 36.1 27.5 41.3



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

1200000

1000000

800000

600000

400000

200000

0

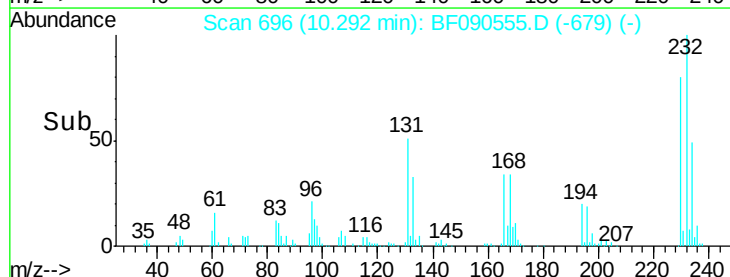
10.29

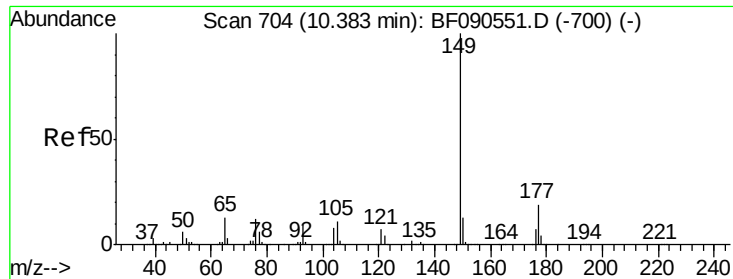
10.20

10.30

10.40

Time-->

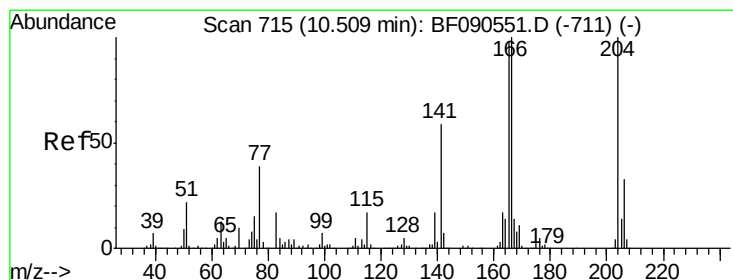
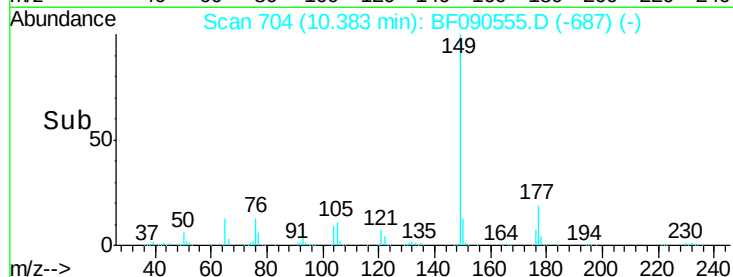
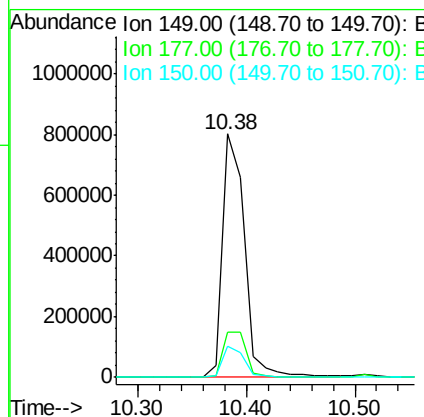
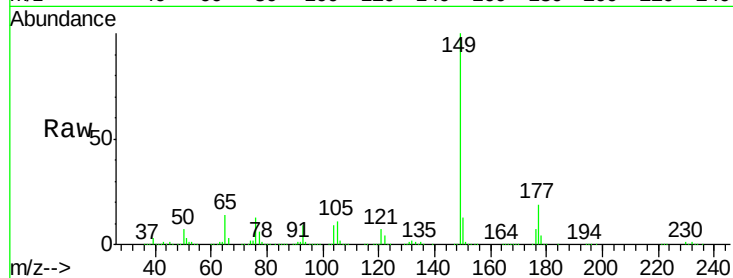




#59
Diethylphthalate
Concen: 41.83 ng
RT: 10.38 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

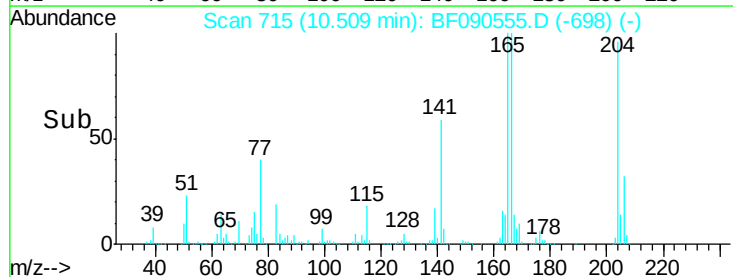
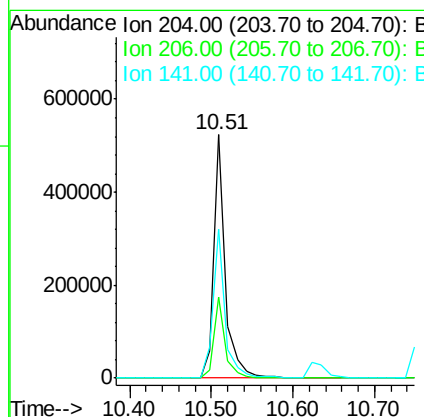
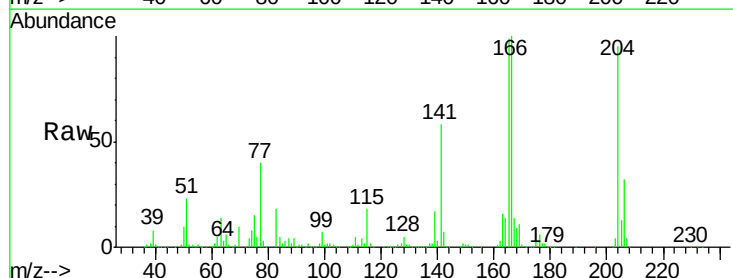
Instrument :
BNA_F
ClientSampleId :
ICVBF101316

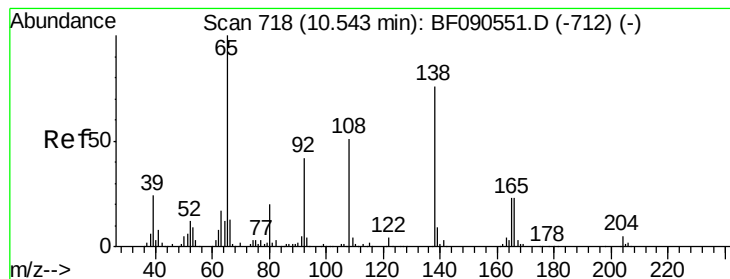
Tgt Ion:149 Resp: 1128189
Ion Ratio Lower Upper
149 100
177 18.7 15.3 22.9
150 12.9 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 43.73 ng
RT: 10.51 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion:204 Resp: 527510
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 61.4 47.2 70.8





#61

4-Nitroaniline

Concen: 43.64 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

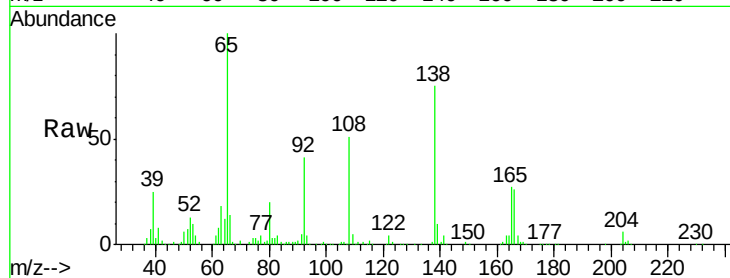
Tgt Ion:138 Resp: 318391

Ion Ratio Lower Upper

138 100

92 54.8 35.7 75.7

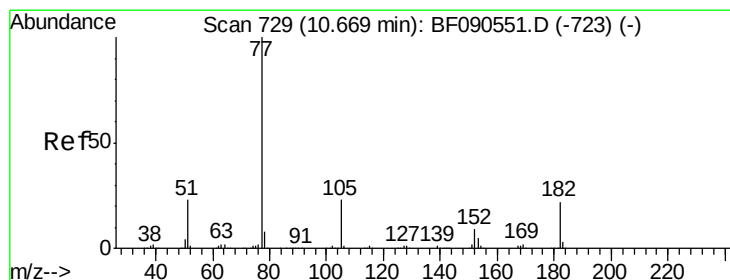
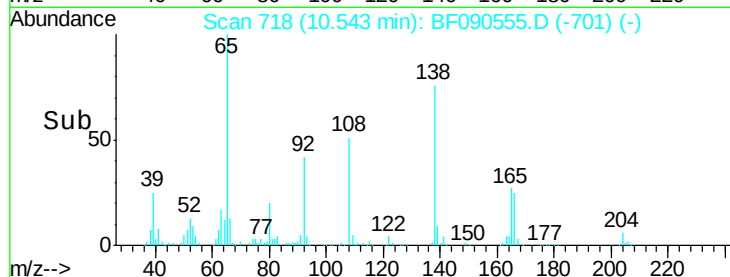
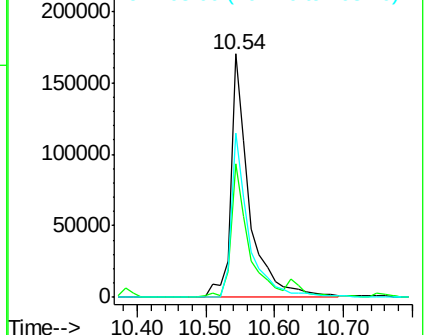
108 67.4 46.9 86.9



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: 48.50 ng

RT: 10.67 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Tgt Ion: 77 Resp: 1430915

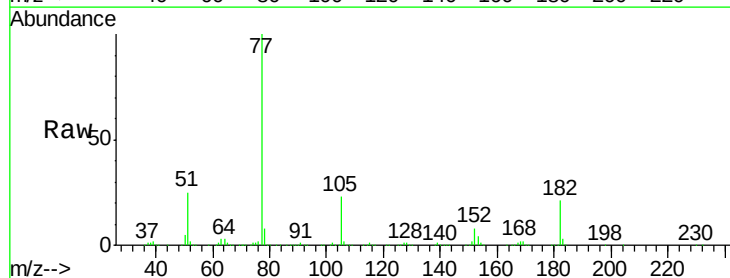
Ion Ratio Lower Upper

77 100

182 20.6 2.2 42.2

105 23.0 3.5 43.5

51 24.8 3.7 43.7

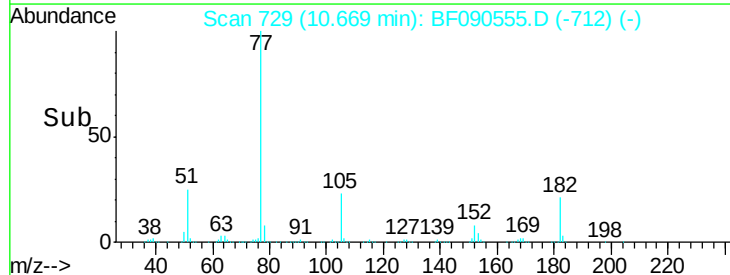
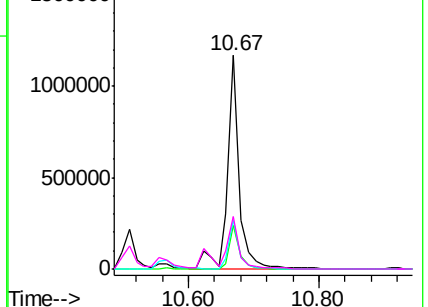


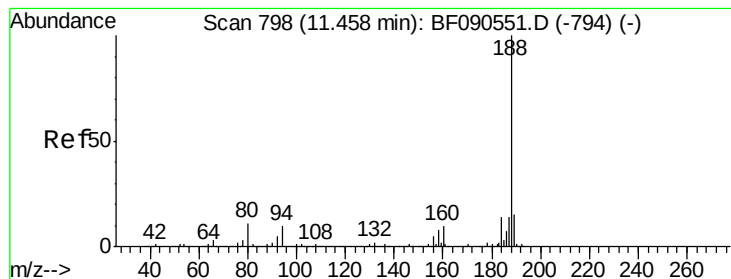
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.46 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

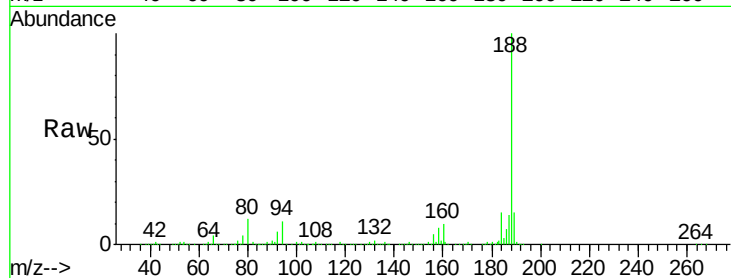
Tgt Ion:188 Resp: 676061

Ion Ratio Lower Upper

188 100

94 11.0 7.7 11.5

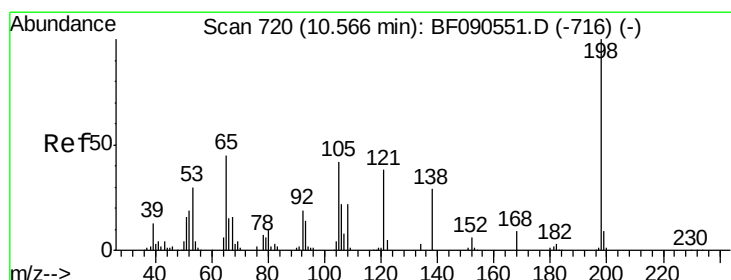
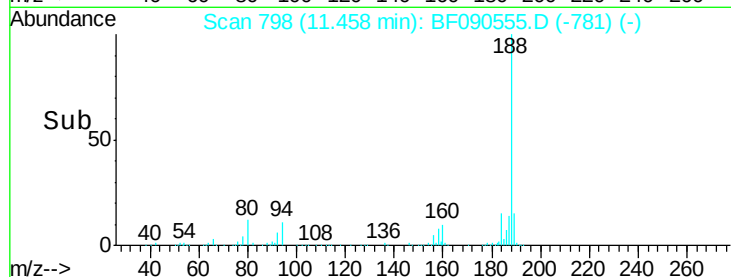
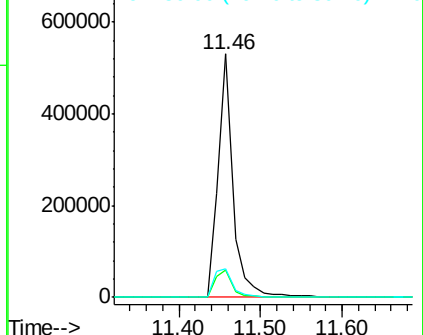
80 11.9 8.6 12.8



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: 36.23 ng

RT: 10.57 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

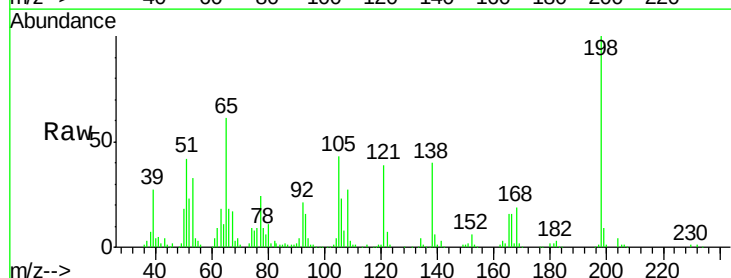
Tgt Ion:198 Resp: 163147

Ion Ratio Lower Upper

198 100

51 41.7 19.7 59.7

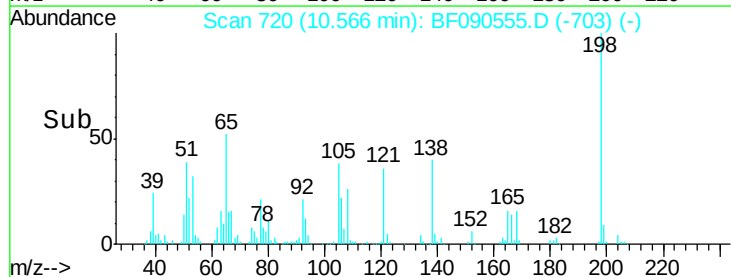
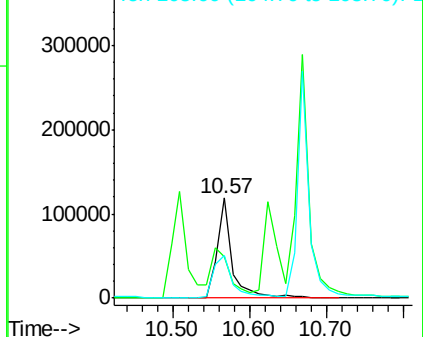
105 42.7 22.6 62.6

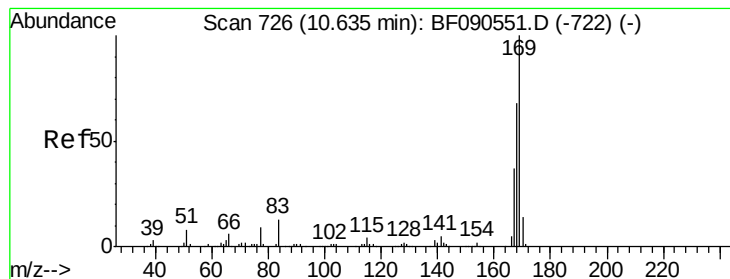


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.45 ng

RT: 10.63 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

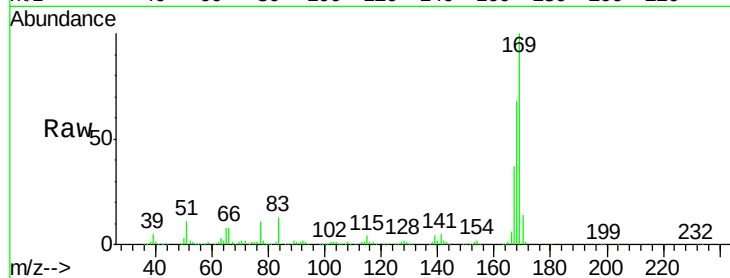
Tgt Ion:169 Resp: 892051

Ion Ratio Lower Upper

169 100

168 68.3 54.6 81.8

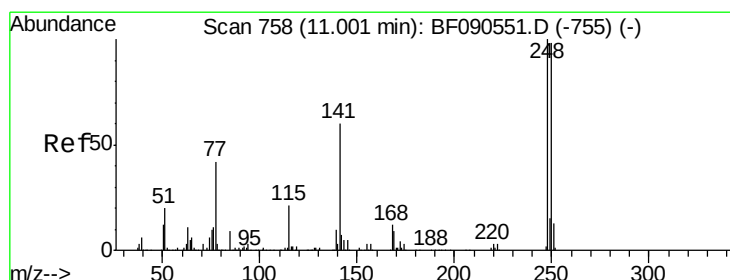
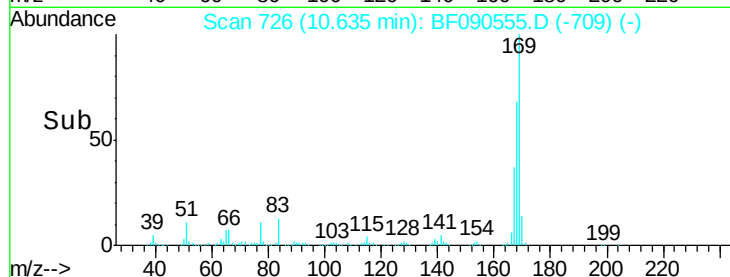
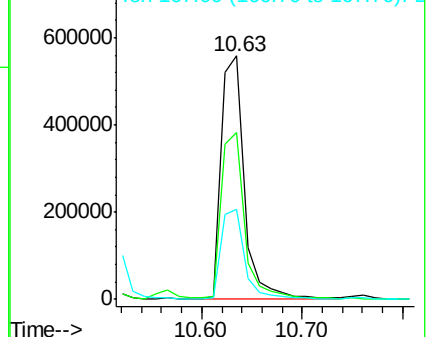
167 37.0 29.8 44.8



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: 39.98 ng

RT: 11.00 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

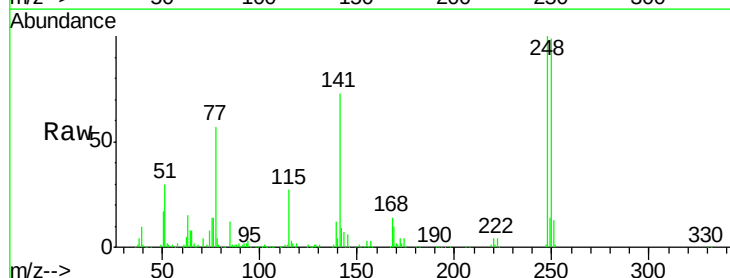
Tgt Ion:248 Resp: 296681

Ion Ratio Lower Upper

248 100

250 98.9 78.4 117.6

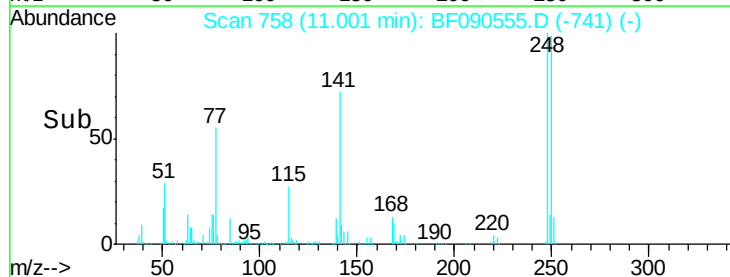
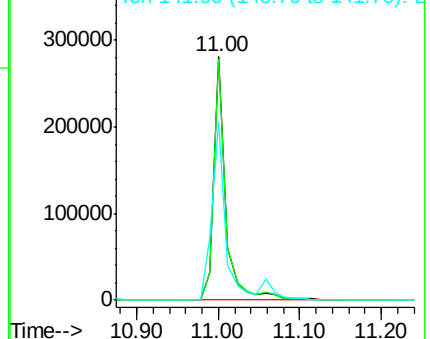
141 73.2 48.4 72.6#

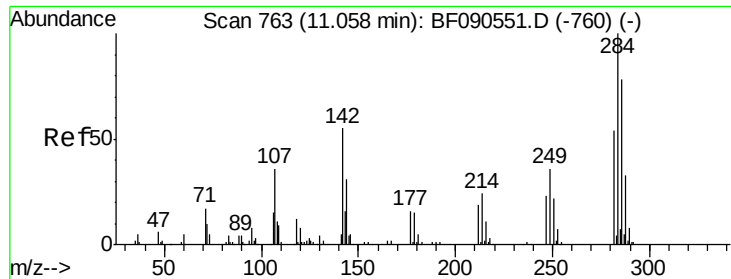


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

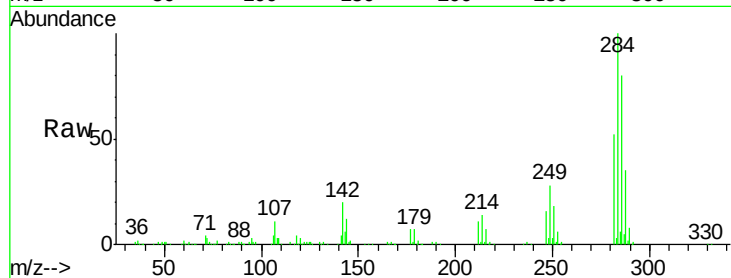




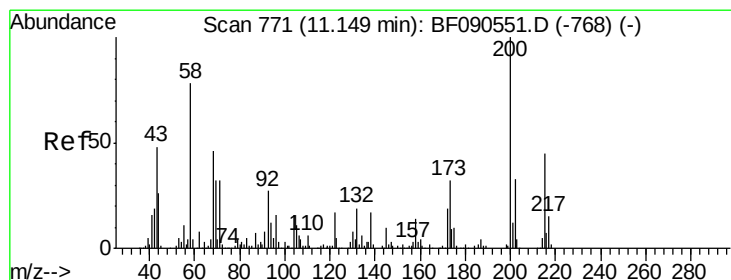
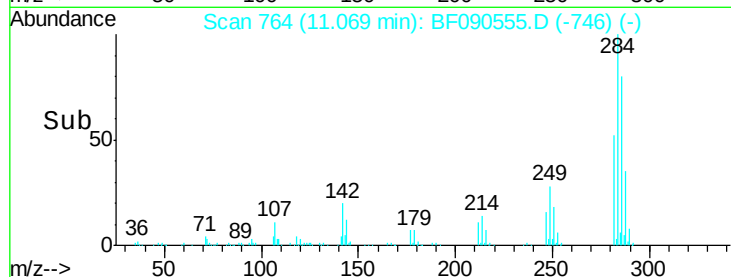
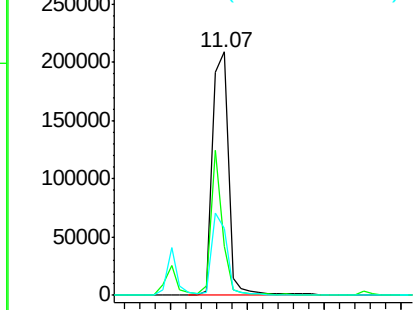
#67
Hexachlorobenzene
Concen: 37.13 ng
RT: 11.07 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tgt Ion:284 Resp: 303211
Ion Ratio Lower Upper
284 100
142 20.1 44.5 66.7#
249 27.5 29.6 44.4#

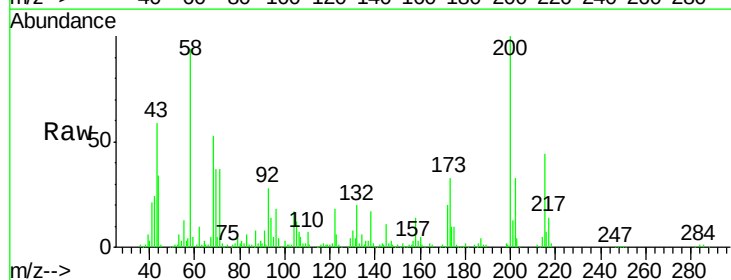


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

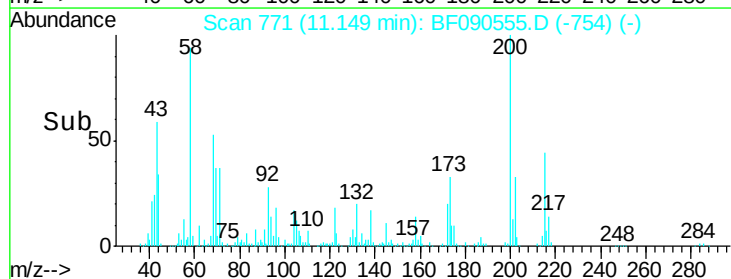
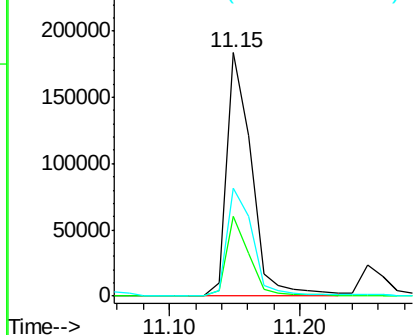


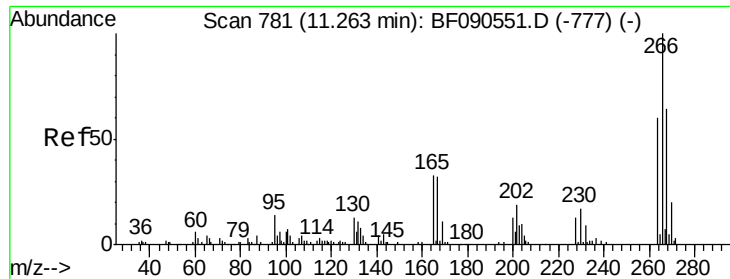
#68
Atrazine
Concen: 36.09 ng
RT: 11.15 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion:200 Resp: 243703
Ion Ratio Lower Upper
200 100
173 32.6 12.0 52.0
215 44.1 25.2 65.2



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

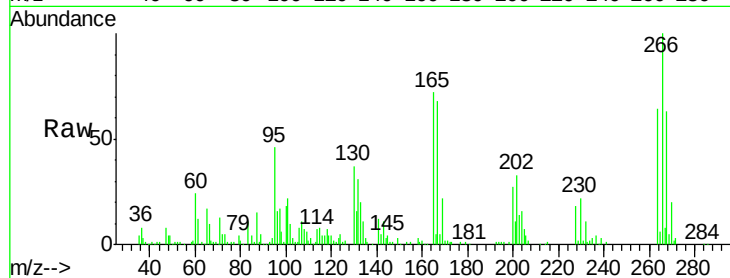




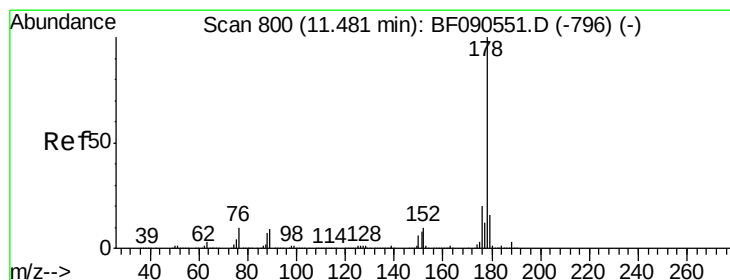
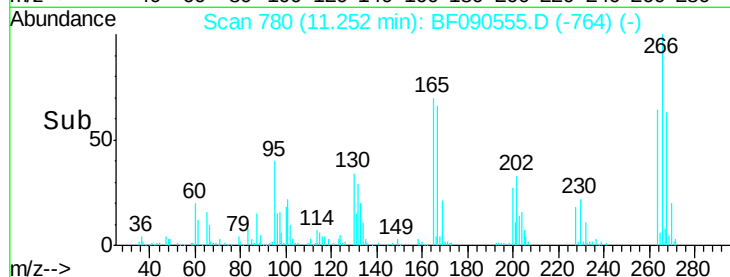
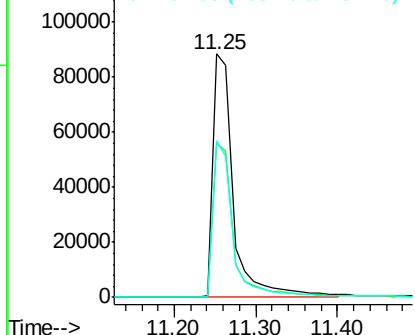
#69
 Pentachlorophenol
 Concen: 32.42 ng
 RT: 11.25 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

Tgt Ion:266 Resp: 155887
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.5 77.3
 264 64.2 47.9 71.9

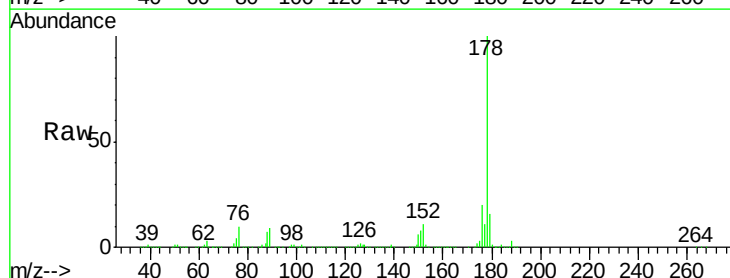


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

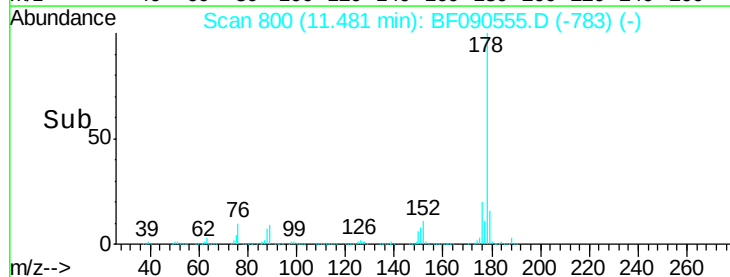
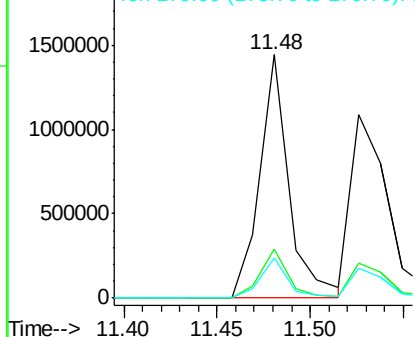


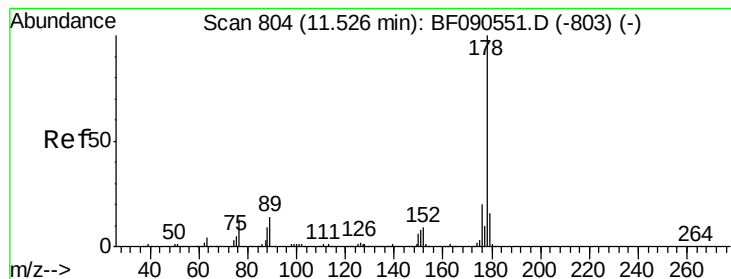
#70
 Phenanthrene
 Concen: 42.36 ng
 RT: 11.48 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion:178 Resp: 1559810
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.1 24.1
 179 16.3 12.6 19.0



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





#71

Anthracene

Concen: 41.22 ng

RT: 11.53 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

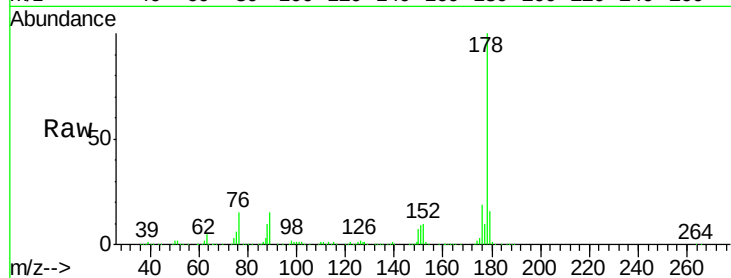
Tgt Ion:178 Resp: 1568223

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

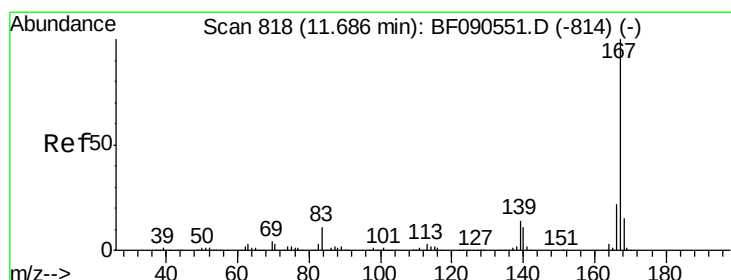
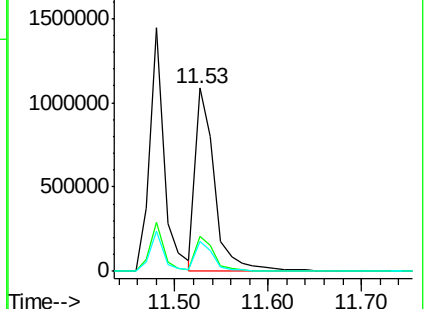
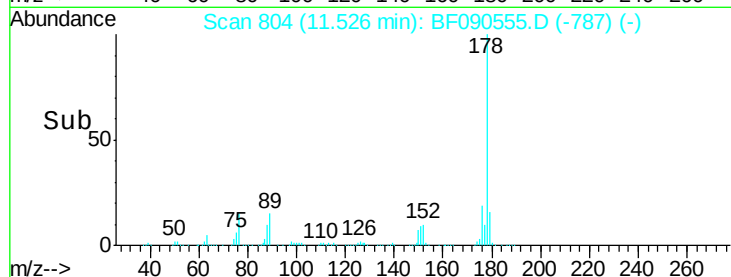
179 16.2 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.71 ng

RT: 11.69 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

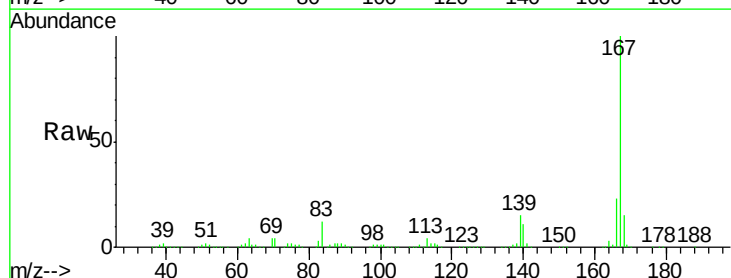
Tgt Ion:167 Resp: 1471070

Ion Ratio Lower Upper

167 100

166 22.7 17.8 26.8

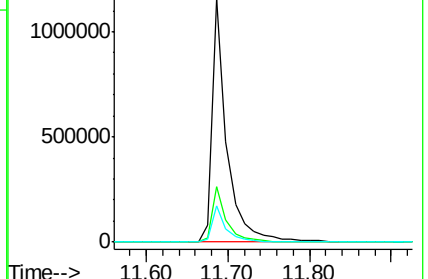
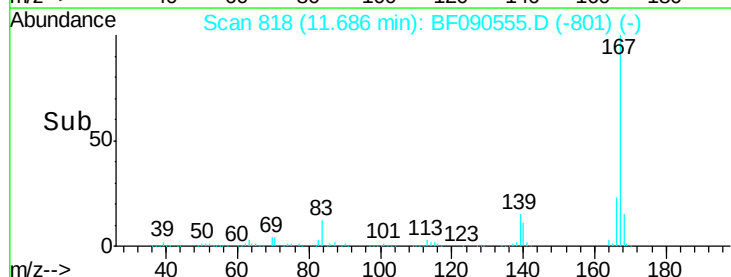
139 14.8 11.3 16.9

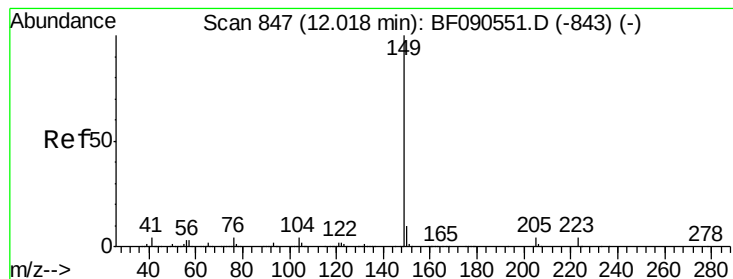


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.14 ng

RT: 12.02 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

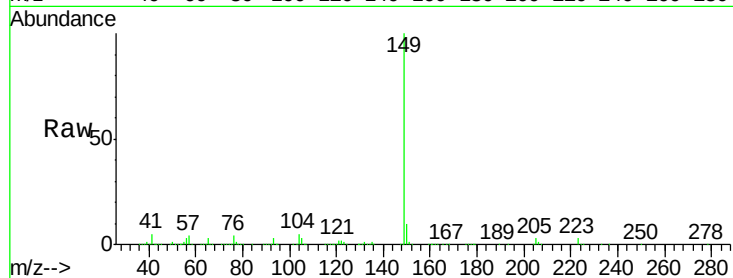
Tgt Ion:149 Resp: 1833478

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

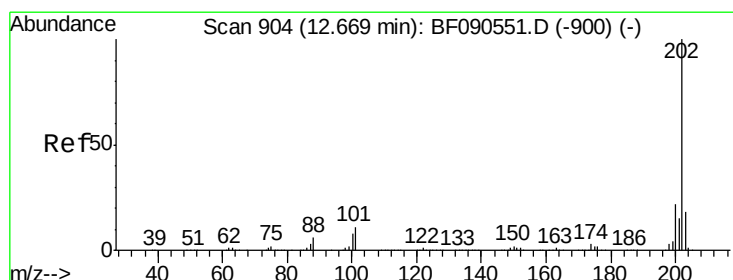
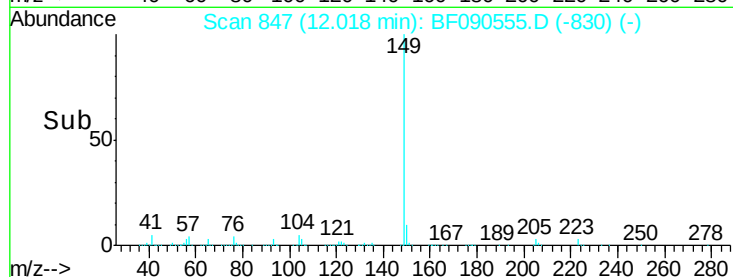
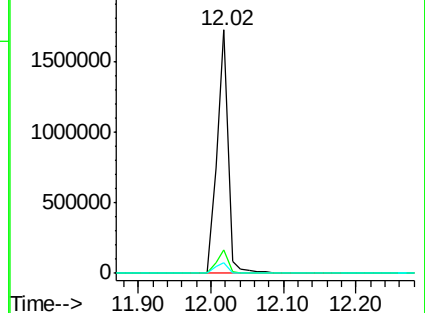
104 4.6 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.01 ng

RT: 12.67 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

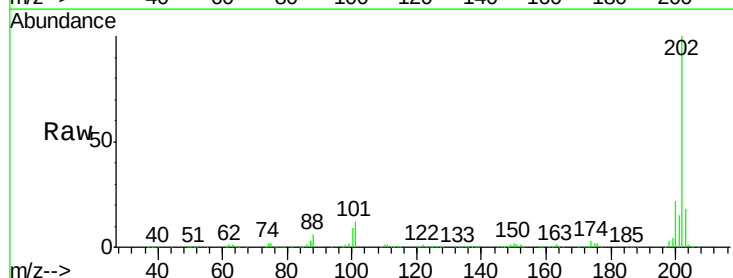
Tgt Ion:202 Resp: 1578413

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.1

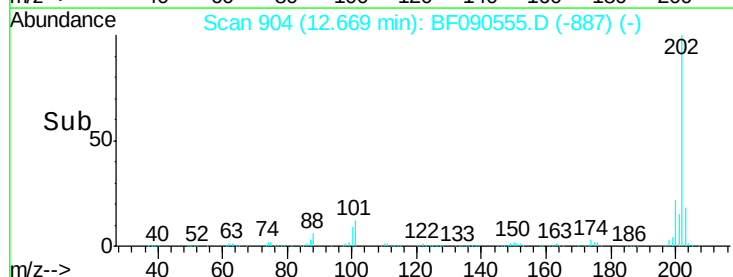
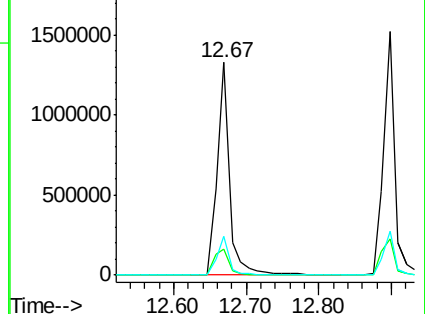
203 18.2 0.0 38.0

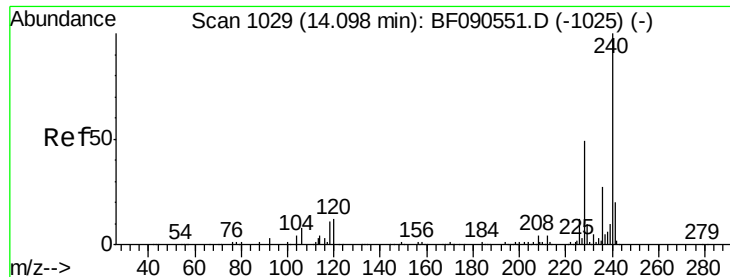


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.10 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

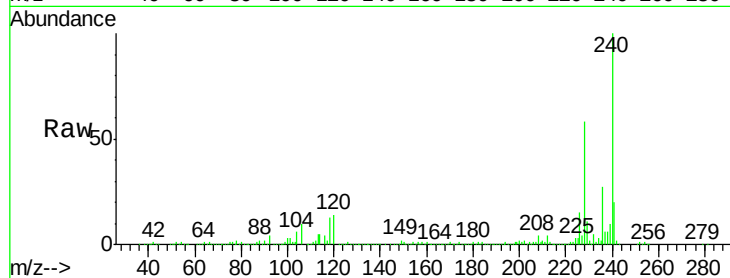
Tgt Ion:240 Resp: 619488

Ion Ratio Lower Upper

240 100

120 14.4 9.8 14.8

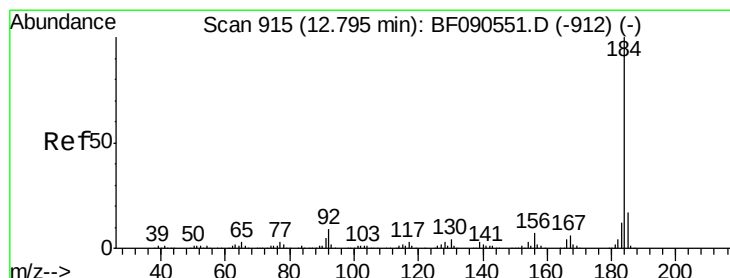
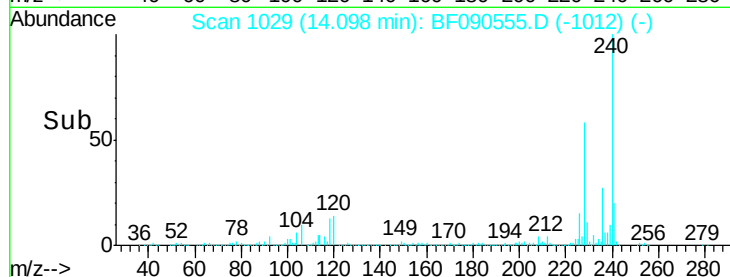
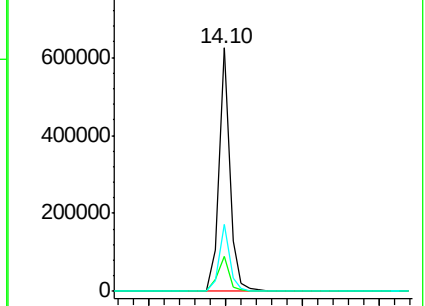
236 27.5 21.7 32.5



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: 33.95 ng

RT: 12.80 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

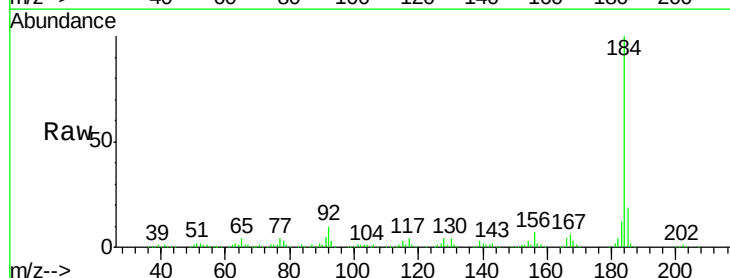
Tgt Ion:184 Resp: 656429

Ion Ratio Lower Upper

184 100

185 19.1 13.4 20.0

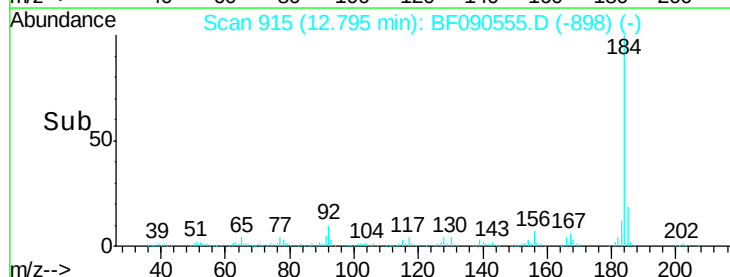
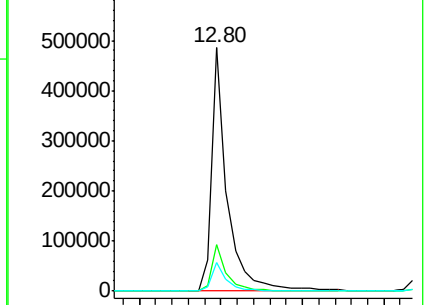
183 11.6 9.4 14.0

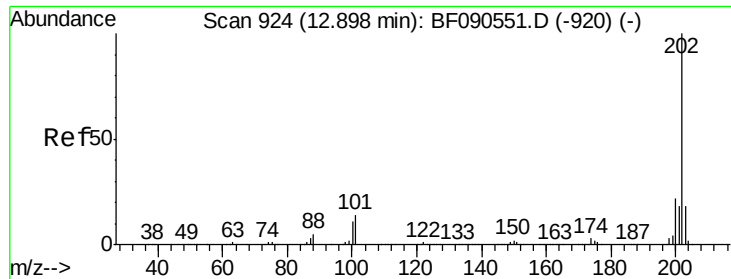


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



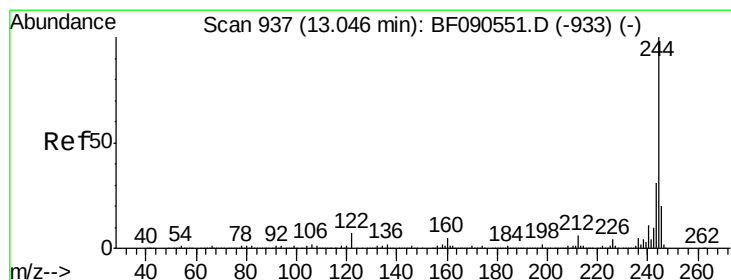
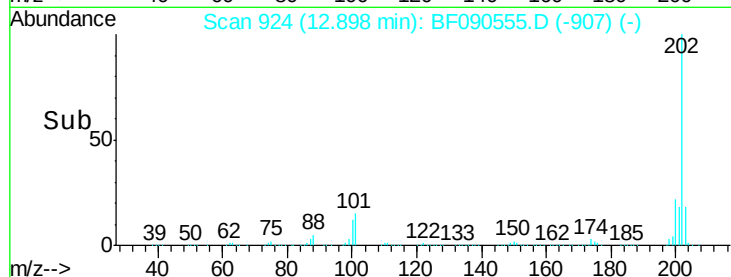
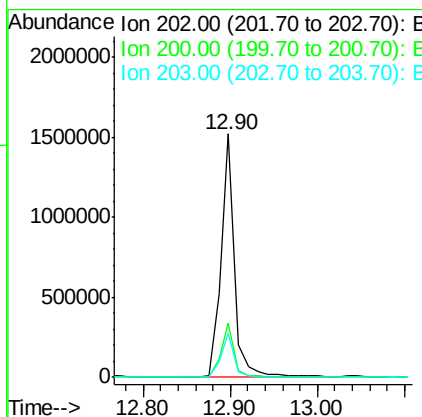
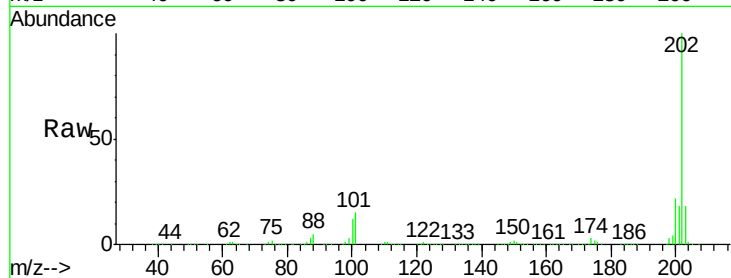


#77
Pyrene
 Concen: 42.27 ng
 RT: 12.90 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

Tgt Ion: 202 Resp: 1658047

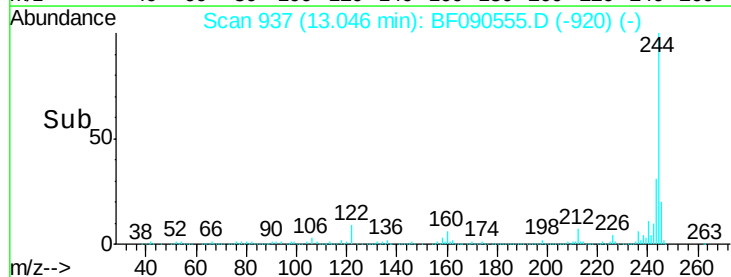
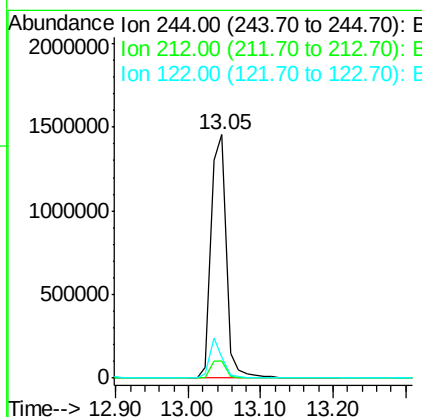
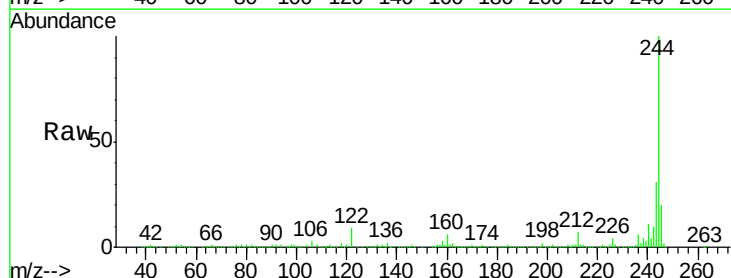
Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.6
203	18.3	14.6	21.8

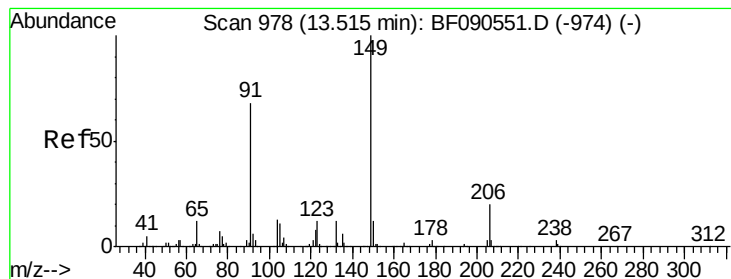


#78
Terphenyl-d14
 Concen: 83.47 ng
 RT: 13.05 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion: 244 Resp: 2121382

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	8.6	5.6	8.4





#79

Butylbenzylphthalate

Concen: 44.89 ng

RT: 13.52 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

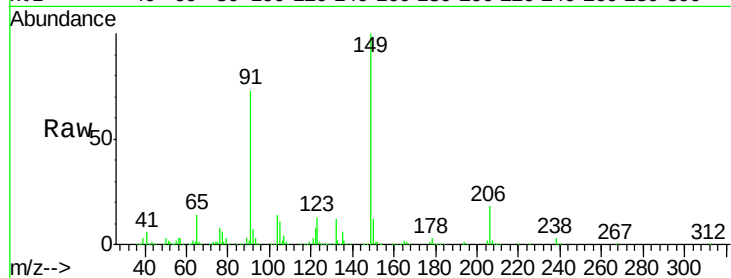
Tgt Ion:149 Resp: 821318

Ion Ratio Lower Upper

149 100

91 72.8 54.3 81.5

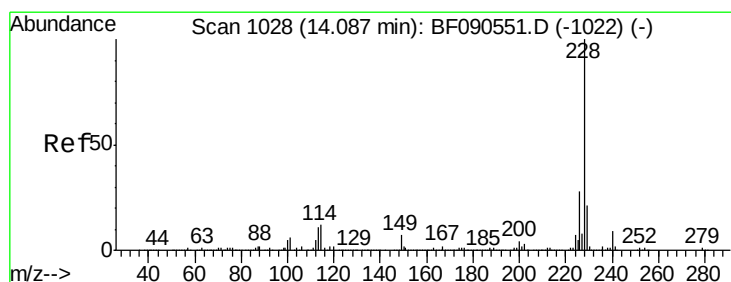
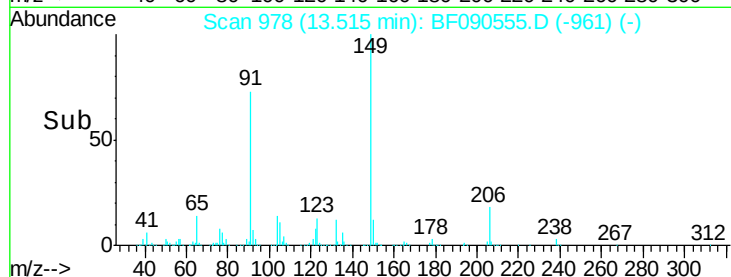
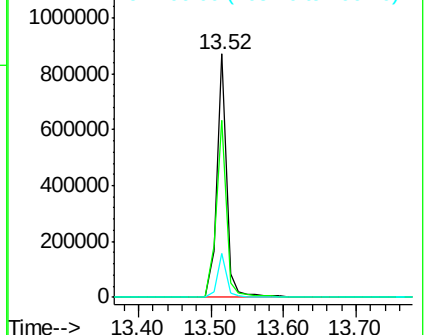
206 17.9 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.59 ng

RT: 14.09 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

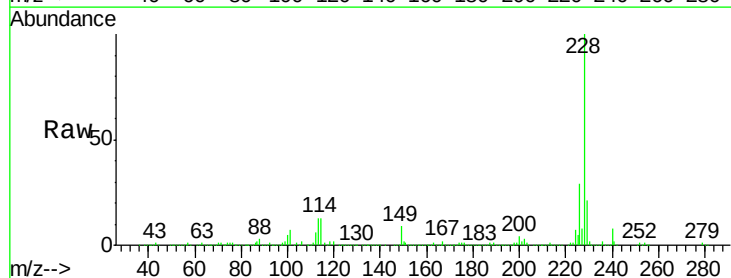
Tgt Ion:228 Resp: 1509524

Ion Ratio Lower Upper

228 100

226 28.9 22.8 34.2

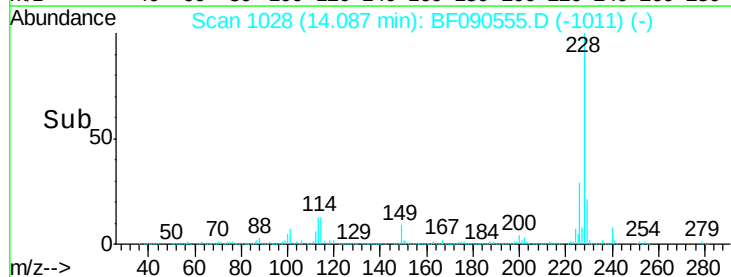
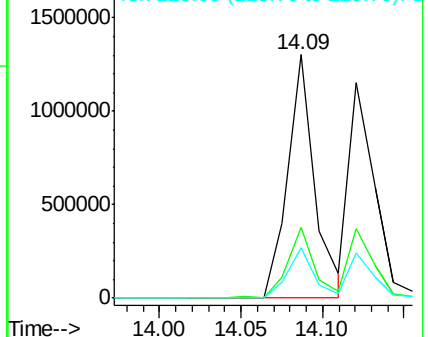
229 20.8 16.6 25.0

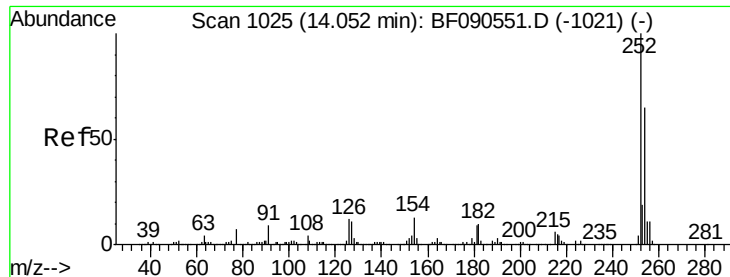


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

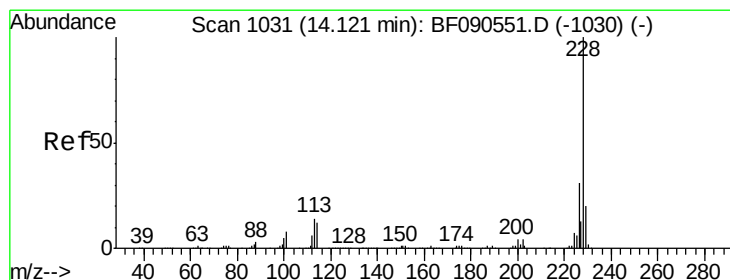
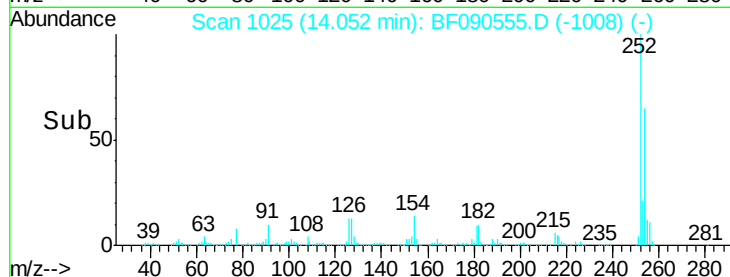
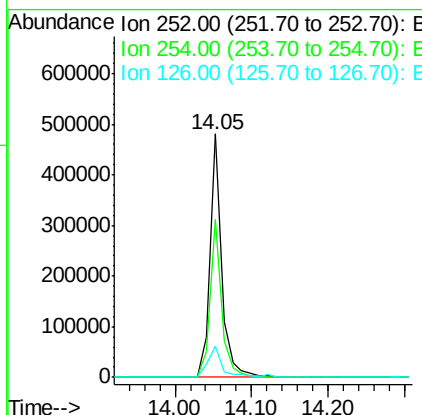
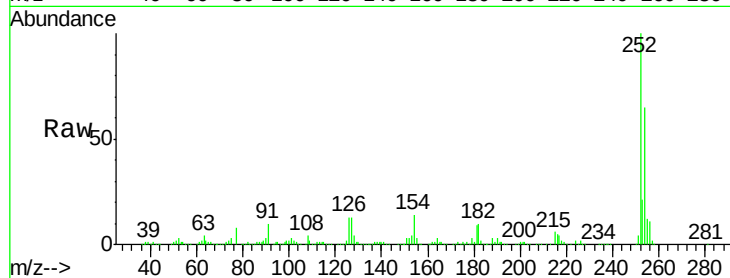




#81
 3,3'-Dichlorobenzidine
 Concen: 38.52 ng
 RT: 14.05 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

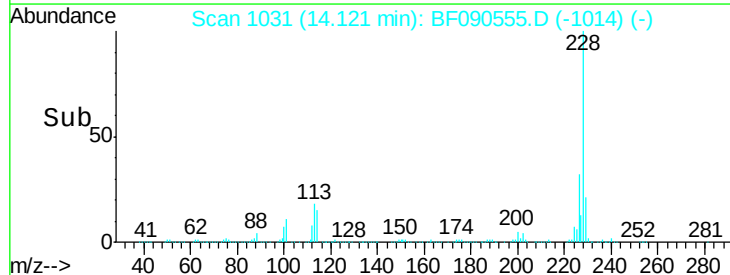
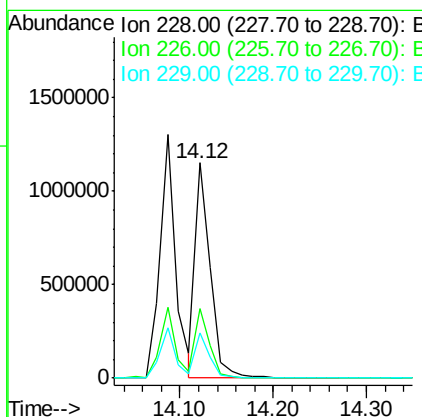
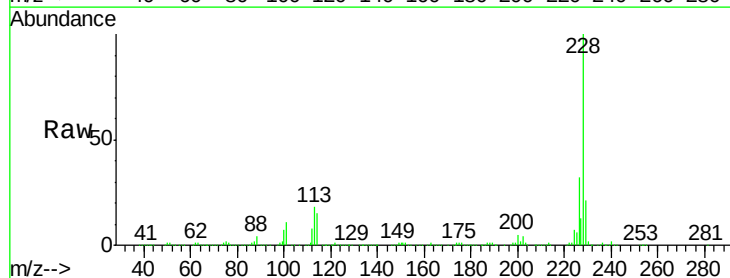
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

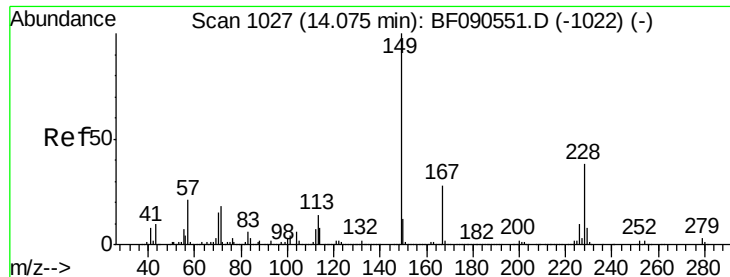
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	12.9	9.3	13.9



#82
 Chrysene
 Concen: 38.15 ng
 RT: 14.12 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.8	37.2
229	20.8	16.2	24.4

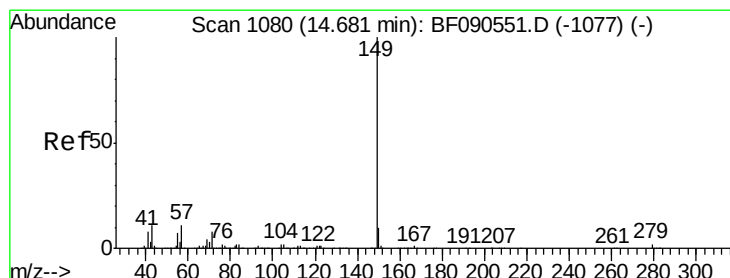
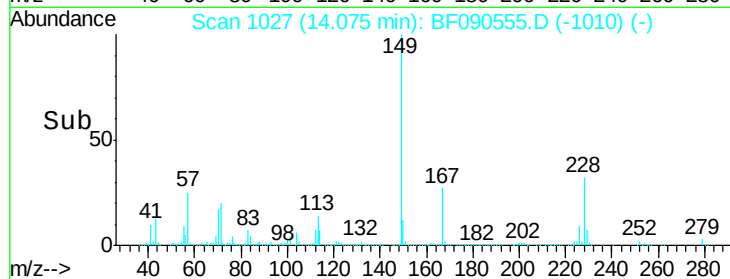
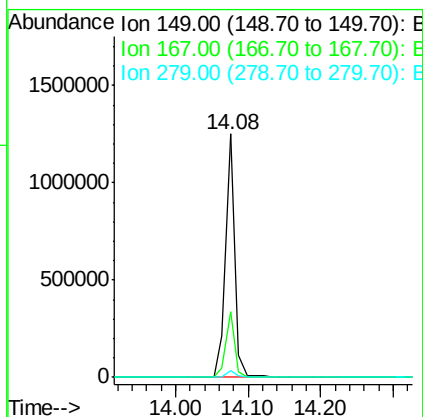
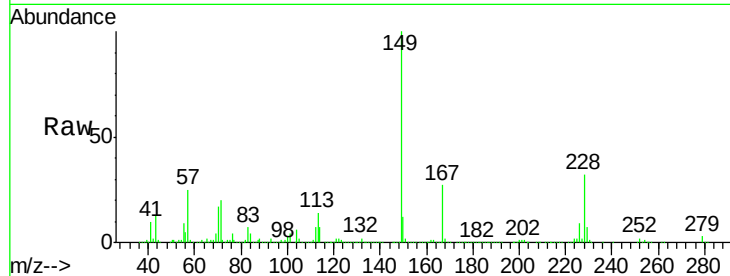




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.03 ng
 RT: 14.08 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

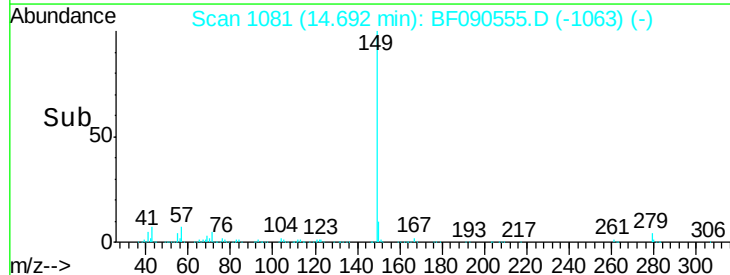
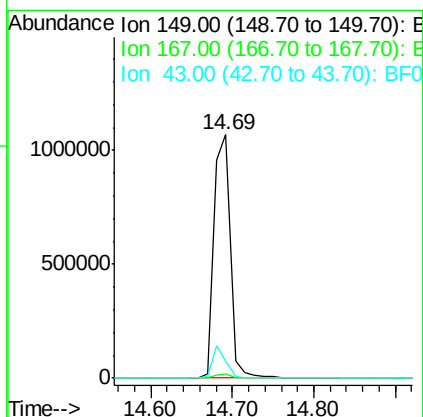
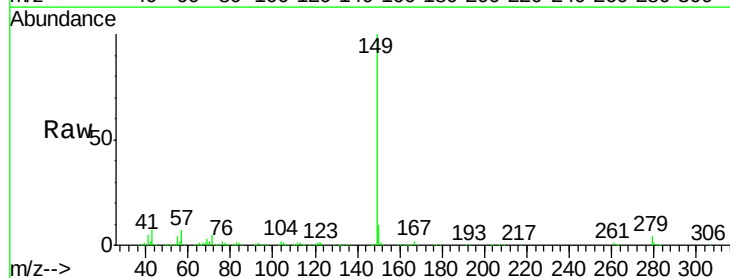
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF101316

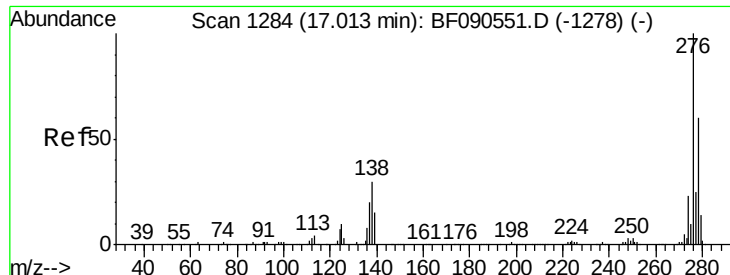
Tgt Ion:149 Resp: 1110018
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.1 33.1
 279 2.9 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 37.74 ng
 RT: 14.69 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BF090555.D
 Acq: 13 Oct 2016 21:35

Tgt Ion:149 Resp: 1501778
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.0 6.7 10.1#

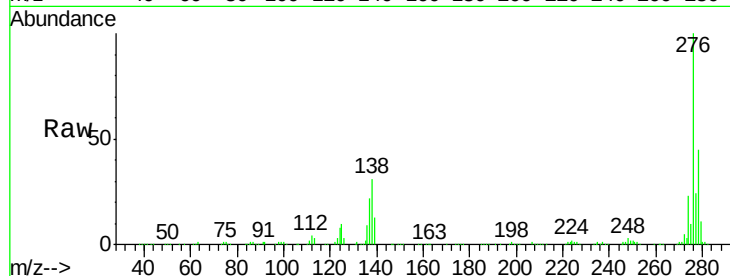




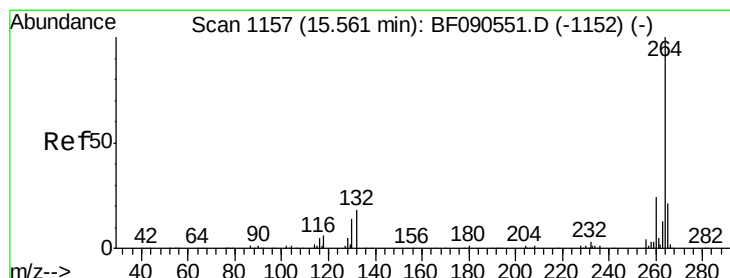
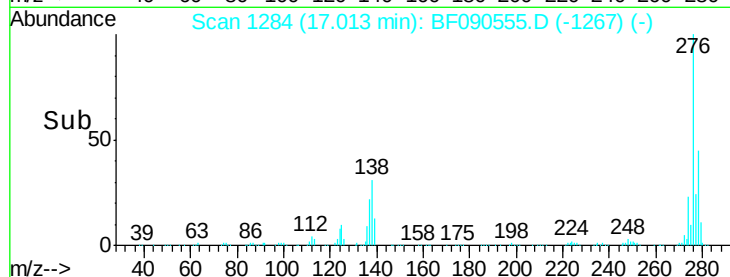
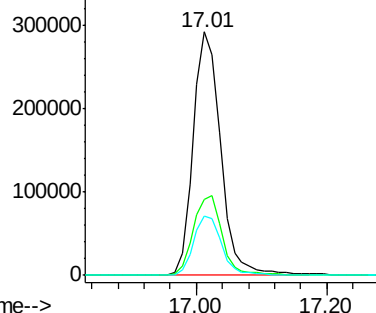
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.24 ng
RT: 17.01 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.8	38.6
277	25.1	20.1	30.1

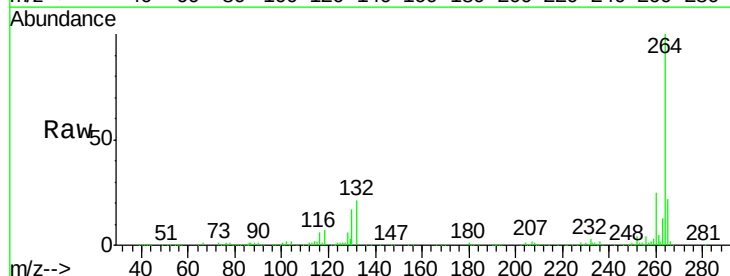


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

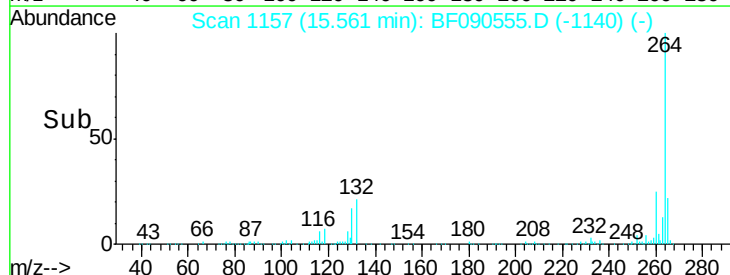
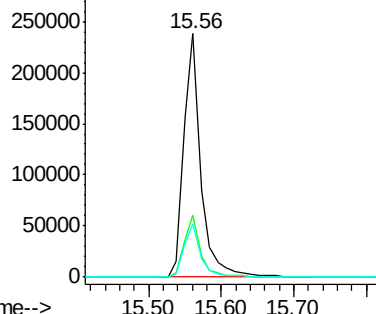


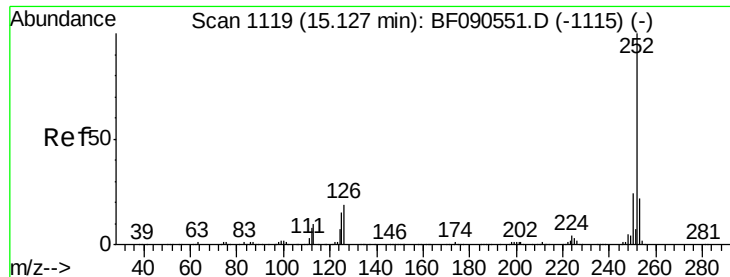
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.3	28.9
265	21.5	16.7	25.1



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

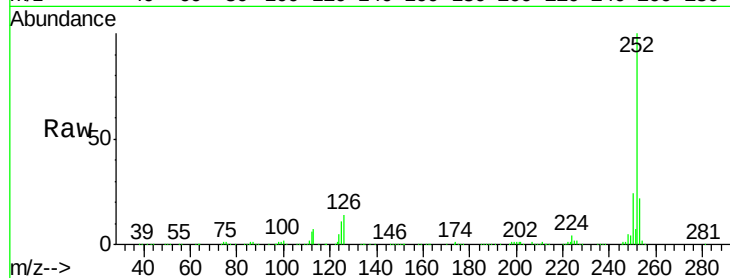




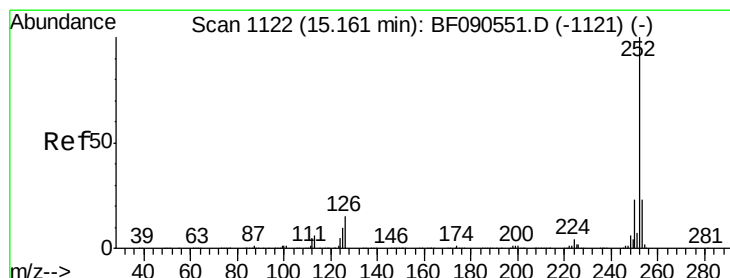
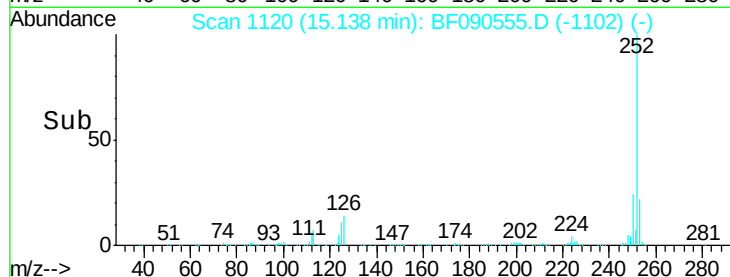
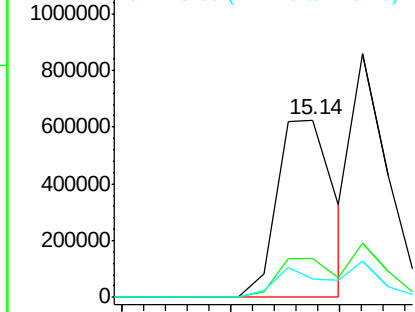
#87
Benzo(b)fluoranthene
Concen: 43.87 ng
RT: 15.14 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Instrument :
BNA_F
ClientSampleId :
ICVBF101316

Tgt Ion:252 Resp: 1129659
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.5 12.0 18.0#

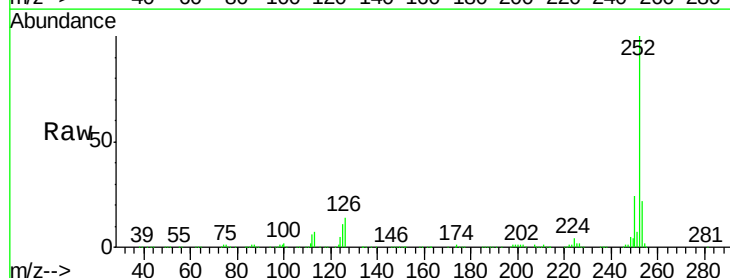


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

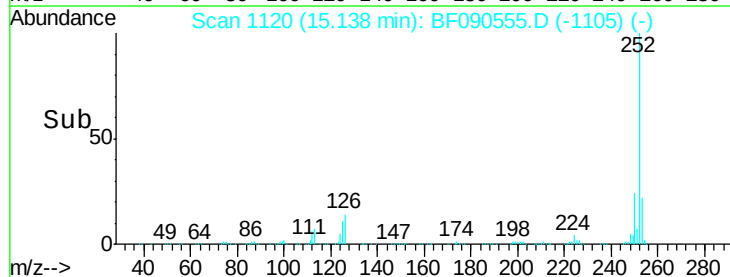
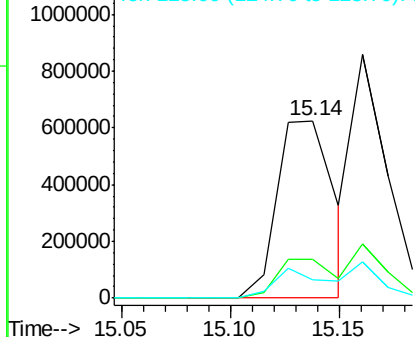


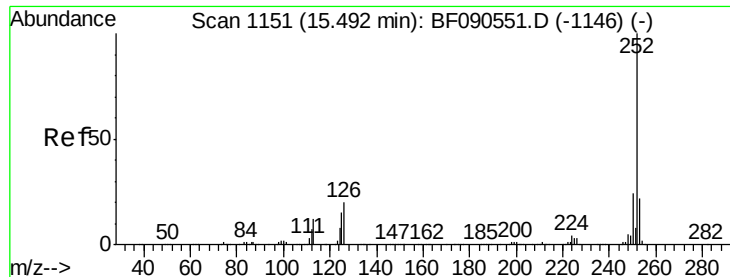
#88
Benzo(k)fluoranthene
Concen: 48.36 ng
RT: 15.14 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion:252 Resp: 1129659
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.5 10.0 15.0



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

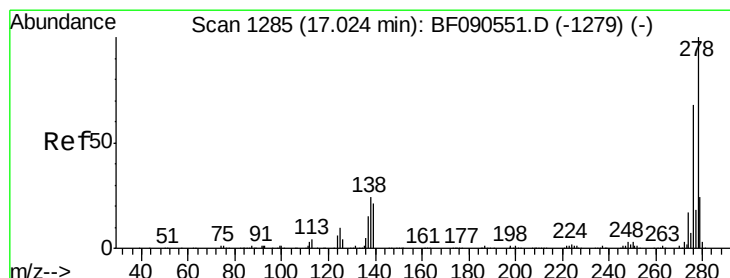
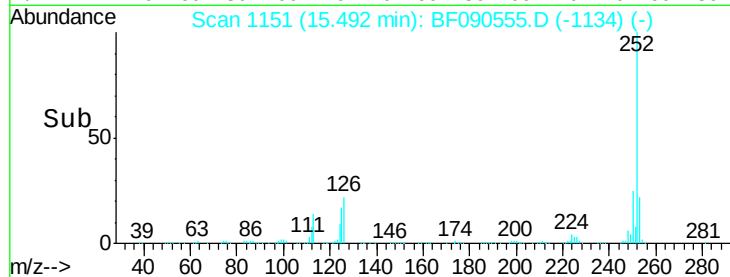
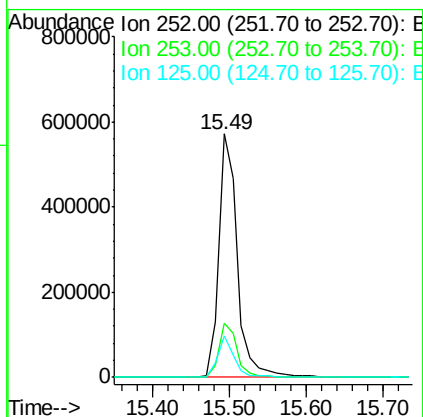
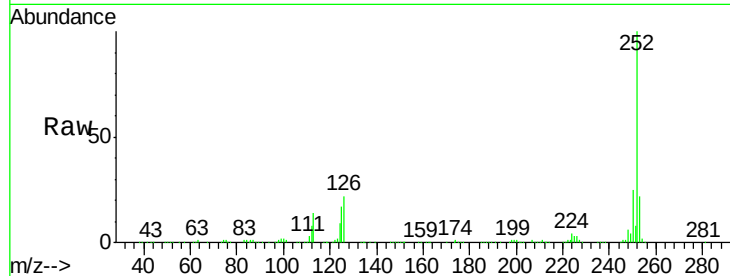




#89
Benzo(a)pyrene
Concen: 42.68 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

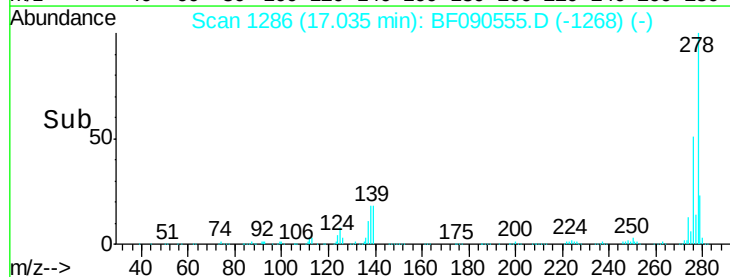
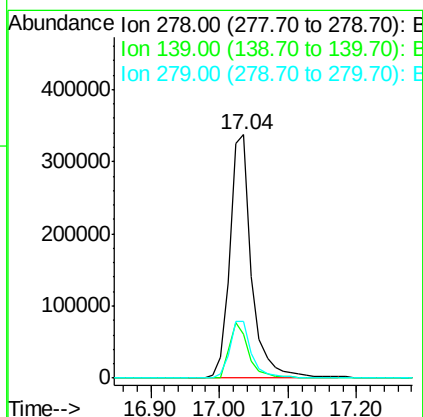
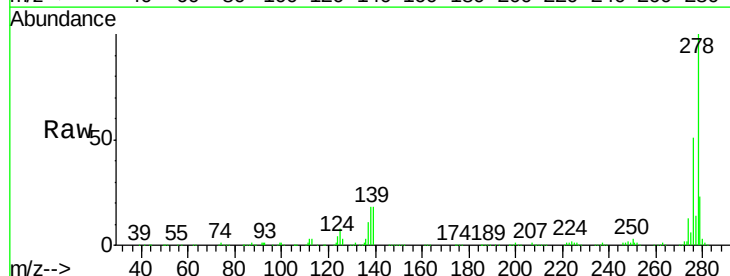
Instrument :
BNA_F
ClientSampleId :
ICVBF101316

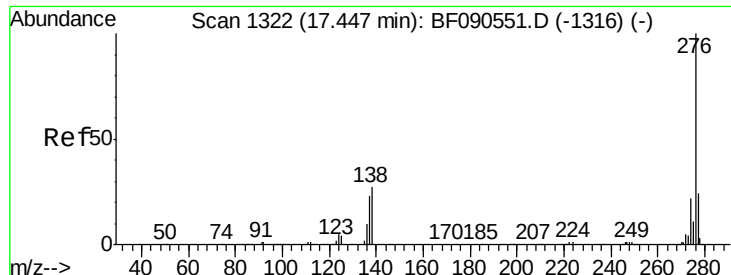
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	17.2	12.3	18.5



#90
Dibenzo(a,h)anthracene
Concen: 39.96 ng
RT: 17.04 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF090555.D
Acq: 13 Oct 2016 21:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	16.6	25.0
279	23.5	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 39.09 ng

RT: 17.45 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF090555.D

Acq: 13 Oct 2016 21:35

Instrument :

BNA_F

ClientSampleId :

ICVBF101316

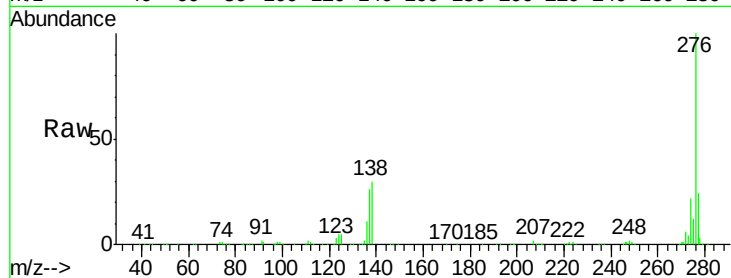
Tgt Ion: 276 Resp: 688151

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 29.8 21.8 32.8



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

