

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082590.D
 Acq On : 31 Oct 2015 00:04
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF103015

Quant Time: Oct 31 03:14:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	194022	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	711086	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	360981	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	695882	20.00	ng	0.00
75) Chrysene-d12	14.08	240	550243	20.00	ng	0.00
86) Perylene-d12	15.53	264	457059	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1054880	81.89	ng	0.00
7) Phenol-d6	6.53	99	1306264	76.33	ng	0.00
23) Nitrobenzene-d5	7.47	82	1370835	78.72	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	293953	74.41	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1963269	77.22	ng	0.00
78) Terphenyl-d14	13.03	244	1840601	73.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	228154	38.31	ng	91
3) Pyridine	3.26	79	663530	38.00	ng	98
4) n-Nitrosodimethylamine	3.21	42	387278	39.40	ng	97
6) Aniline	6.57	93	936087	39.29	ng	99
8) 2-Chlorophenol	6.69	128	534717	38.36	ng	99
9) Benzaldehyde	6.44	77	429485	36.76	ng	98
10) Phenol	6.54	94	760971	39.24	ng	100
11) bis(2-Chloroethyl)ether	6.64	93	508177	35.52	ng	99
12) 1,3-Dichlorobenzene	6.84	146	594525	37.41	ng	99
13) 1,4-Dichlorobenzene	6.92	146	607223	38.52	ng	99
14) 1,2-Dichlorobenzene	7.08	146	616152	42.11	ng	99
15) Benzyl Alcohol	7.05	79	655473	41.07	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	896948	39.45	ng	92
17) 2-Methylphenol	7.16	107	479051	40.42	ng	98
18) Hexachloroethane	7.42	117	254389	41.35	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	508512	39.20	ng	# 82
20) 3+4-Methylphenols	7.31	107	574246	37.29	ng	95
22) Acetophenone	7.32	105	904957	43.23	ng	96
24) Nitrobenzene	7.49	77	798444	45.36	ng	94
25) Isophorone	7.73	82	1256587	39.22	ng	99
26) 2-Nitrophenol	7.80	139	260550	40.52	ng	99
27) 2,4-Dimethylphenol	7.85	122	502308	40.02	ng	97
28) bis(2-Chloroethoxy)methane	7.95	93	723742	41.30	ng	100
29) 2,4-Dichlorophenol	8.05	162	478906	41.86	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	489735	38.57	ng	99
31) Naphthalene	8.21	128	1397132	36.31	ng	100
32) Benzoic acid	7.96	122	397134	43.61	ng	99
33) 4-Chloroaniline	8.26	127	578642	35.22	ng	99
34) Hexachlorobutadiene	8.34	225	325356	40.29	ng	99
35) Caprolactam	8.64	113	144635	41.21	ng	99
36) 4-Chloro-3-methylphenol	8.74	107	494035	36.67	ng	99
37) 2-Methylnaphthalene	8.91	142	1056679	42.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	520543	43.21	ng	99
40) Hexachlorocyclopentadiene	9.07	237	326190	43.07	ng	99

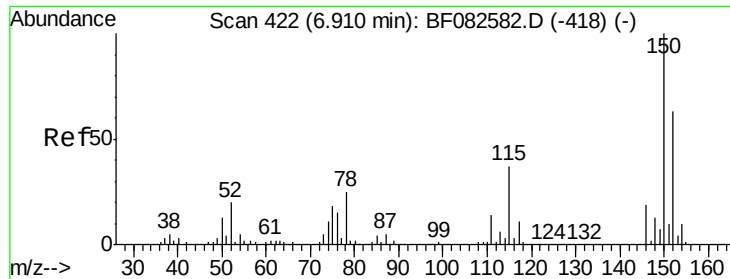
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
 Data File : BF082590.D
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 Operator : UM/IZ
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	362568	41.69	ng	98
43) 2,4,5-Trichlorophenol	9.22	196	329353	38.00	ng	96
45) 1,1'-Biphenyl	9.38	154	1357888	44.53	ng	99
46) 2-Chloronaphthalene	9.40	162	1039192	43.65	ng	99
47) 2-Nitroaniline	9.48	65	366429	39.59	ng	99
48) Acenaphthylene	9.81	152	1519383	39.90	ng	100
49) Dimethylphthalate	9.68	163	1069379	36.27	ng	99
50) 2,6-Dinitrotoluene	9.73	165	256268	41.94	ng	91
51) Acenaphthene	9.98	154	913725	37.80	ng	98
52) 3-Nitroaniline	9.89	138	288169	42.39	ng	98
53) 2,4-Dinitrophenol	10.00	184	108579	37.26	ng	87
54) Dibenzofuran	10.16	168	1193519	36.38	ng	99
55) 4-Nitrophenol	10.05	139	244200	47.74	ng	95
56) 2,4-Dinitrotoluene	10.13	165	348251	42.14	ng	94
57) Fluorene	10.50	166	1010186	38.18	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	277274	37.86	ng	99
59) Diethylphthalate	10.38	149	1232115	41.05	ng	99
60) 4-Chlorophenyl-phenylether	10.50	204	533174	41.45	ng	97
61) 4-Nitroaniline	10.51	138	251805	38.81	ng	97
62) Azobenzene	10.66	77	1438020	42.49	ng	98
64) 4,6-Dinitro-2-methylphenol	10.54	198	205808	49.04	ng	98
65) n-Nitrosodiphenylamine	10.61	169	974272	40.73	ng	99
66) 4-Bromophenyl-phenylether	10.99	248	317887	40.31	ng	99
67) Hexachlorobenzene	11.05	284	335429	38.36	ng	95
68) Atrazine	11.14	200	279729	35.74	ng	99
69) Pentachlorophenol	11.24	266	254116	44.07	ng	98
70) Phenanthrene	11.46	178	1442166	36.74	ng	99
71) Anthracene	11.52	178	1693798	42.86	ng	99
72) Carbazole	11.66	167	1475726	42.87	ng	99
73) Di-n-butylphthalate	12.01	149	1847551	42.16	ng	100
74) Fluoranthene	12.65	202	1528077	38.08	ng	99
76) Benzidine	12.77	184	1025400	41.32	ng	97
77) Pyrene	12.88	202	1526058	37.45	ng	100
79) Butylbenzylphthalate	13.51	149	747953	41.91	ng	99
80) Benzo(a)anthracene	14.07	228	1391566	39.81	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	505055	41.93	ng	98
82) Chrysene	14.11	228	1353670	42.73	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	1013346	43.80	ng	# 99
84) Di-n-octyl phthalate	14.69	149	1474778	40.87	ng	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	1094314	41.86	ng	99
87) Benzo(b)fluoranthene	15.12	252	1206949	38.30	ng	# 98
88) Benzo(k)fluoranthene	15.12	252	1206949	50.27	ng	99
89) Benzo(a)pyrene	15.47	252	960956	38.72	ng	99
90) Dibenzo(a,h)anthracene	16.99	278	898053	38.78	ng	# 97
91) Benzo(g,h,i)perylene	17.40	276	882135	39.30	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

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ClientSampleId :

ICVBF103015

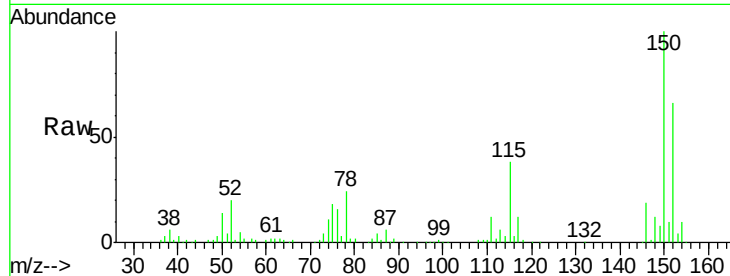
Tgt Ion:152 Resp: 194022

Ion Ratio Lower Upper

152 100

150 151.3 127.0 190.4

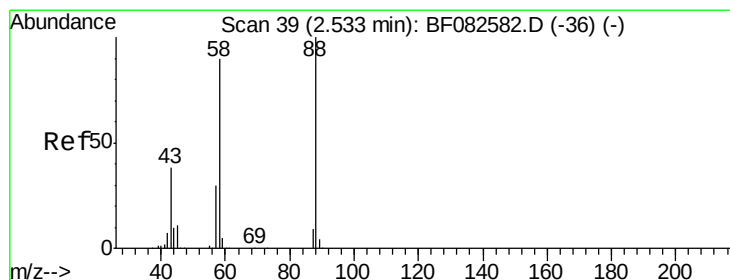
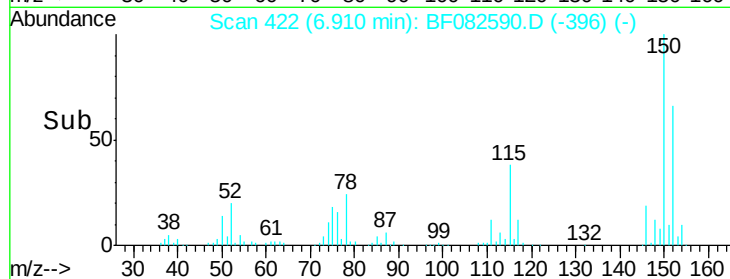
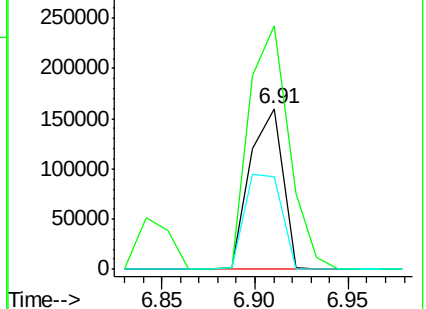
115 57.2 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.31 ng

RT: 2.53 min Scan# 39

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

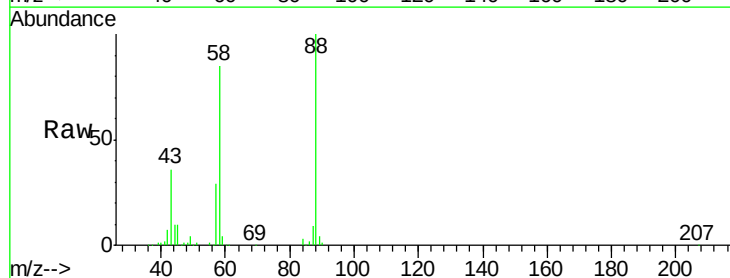
Tgt Ion: 88 Resp: 228154

Ion Ratio Lower Upper

88 100

58 86.1 62.0 93.0

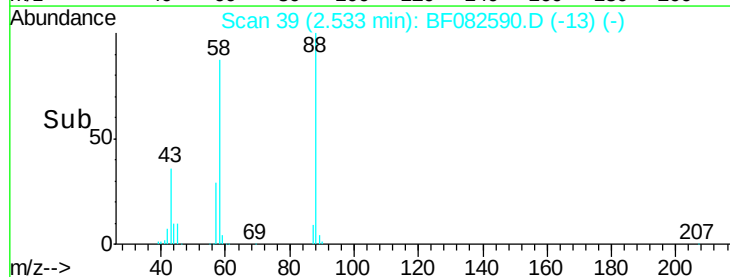
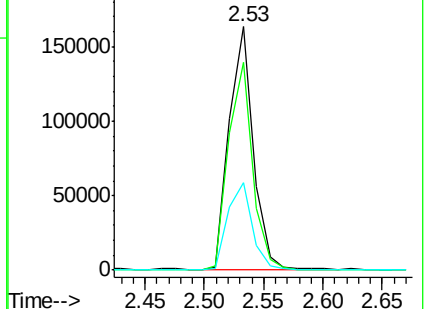
43 37.6 26.6 40.0

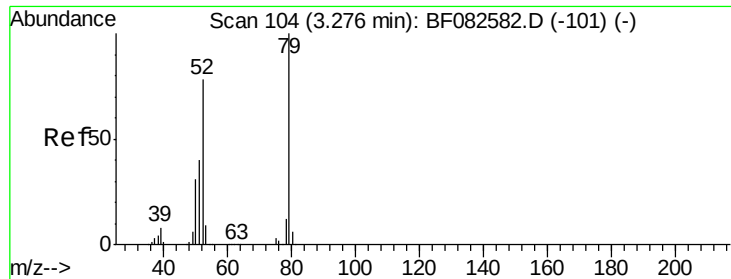


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.00 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

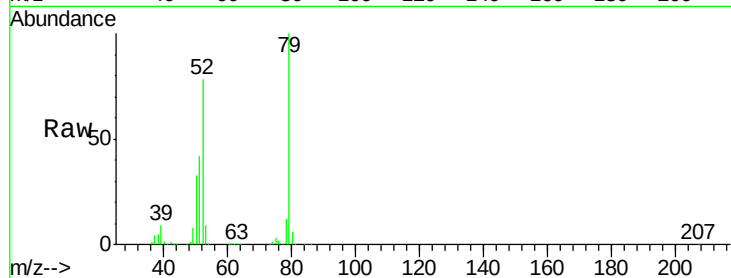
Tgt Ion: 79 Resp: 663530

Ion Ratio Lower Upper

79 100

52 77.7 62.8 94.2

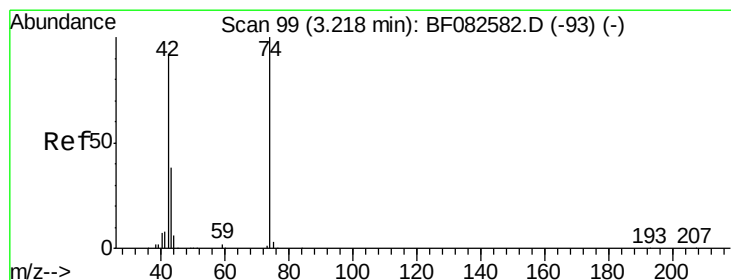
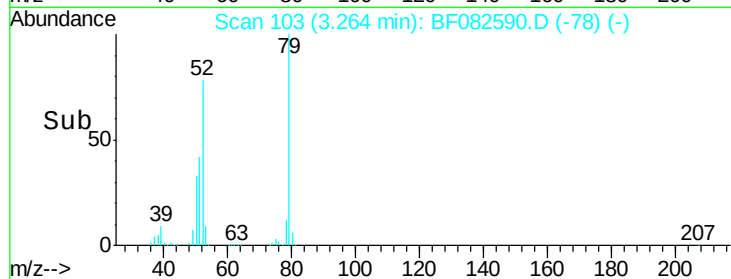
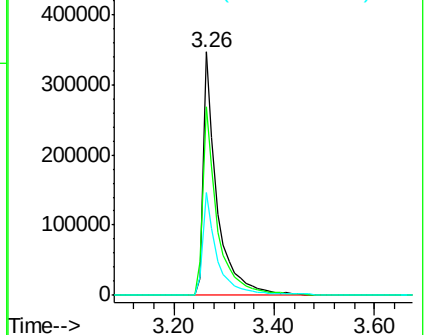
51 42.1 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.40 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.01 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

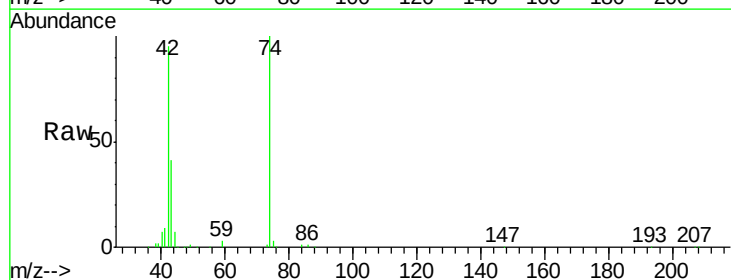
Tgt Ion: 42 Resp: 387278

Ion Ratio Lower Upper

42 100

74 104.9 87.0 130.4

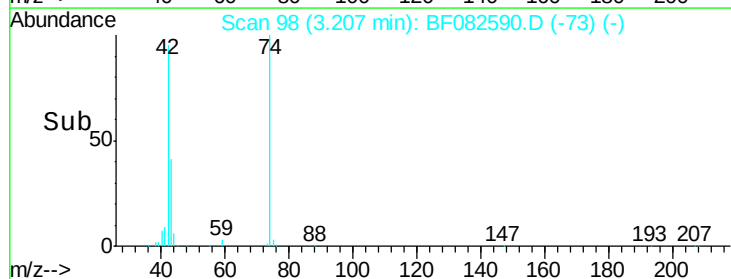
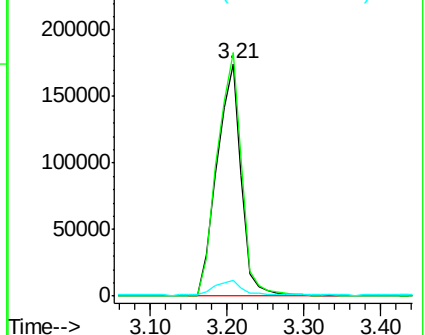
44 6.9 5.8 8.8

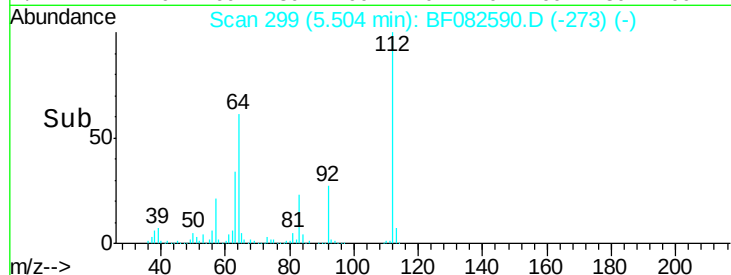
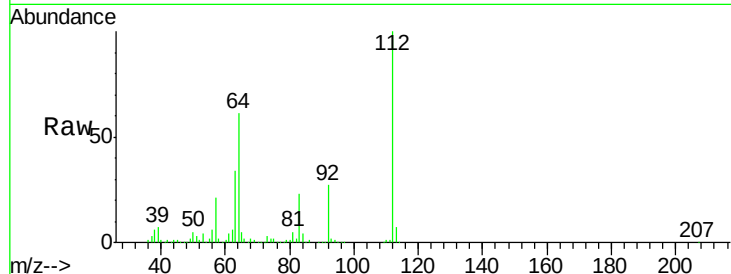
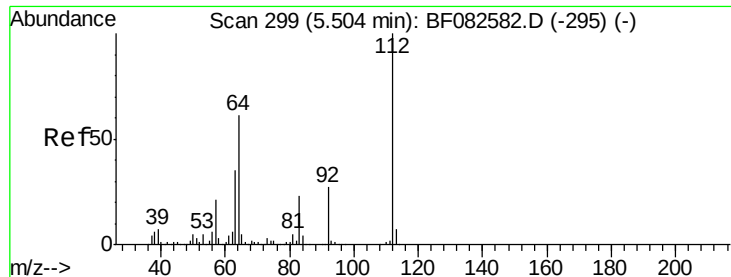


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.89 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

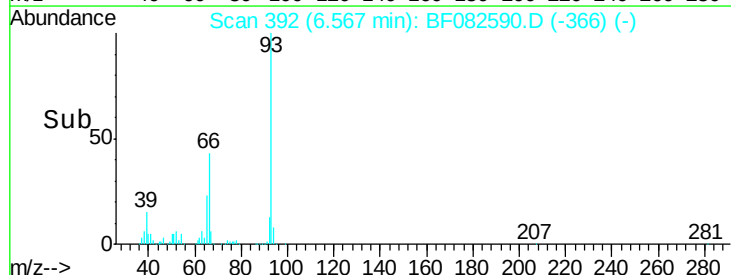
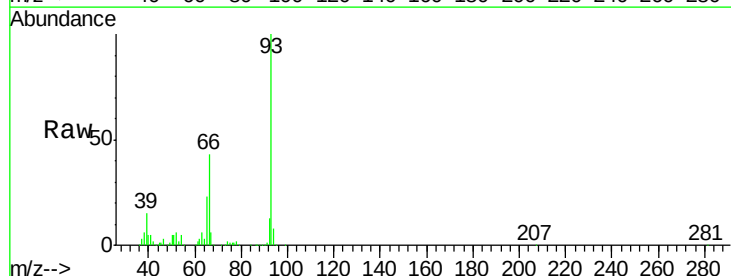
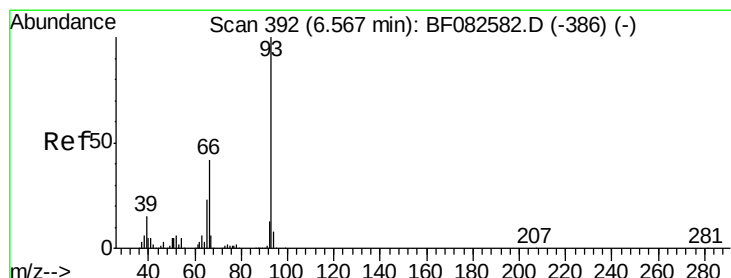
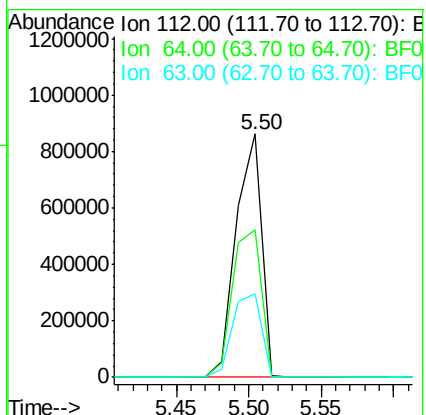
Tgt Ion:112 Resp: 1054880

Ion Ratio Lower Upper

112 100

64 60.6 48.9 73.3

63 34.3 28.1 42.1



#6

Aniline

Concen: 39.29 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

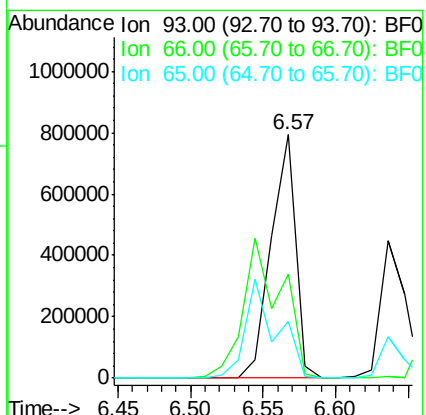
Tgt Ion: 93 Resp: 936087

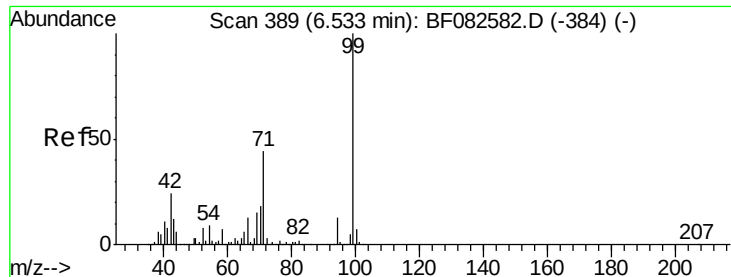
Ion Ratio Lower Upper

93 100

66 42.9 33.6 50.4

65 23.2 18.1 27.1





#7

Phenol-d6

Concen: 76.33 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

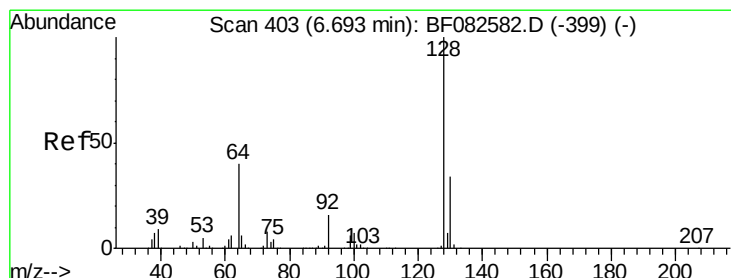
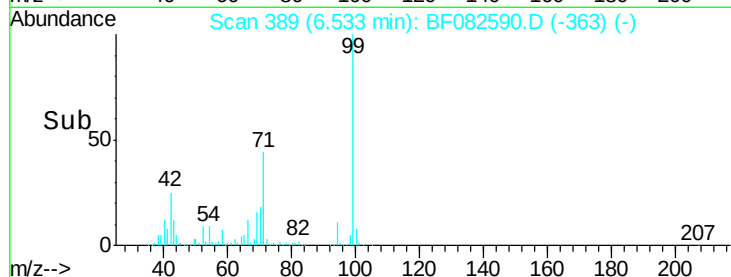
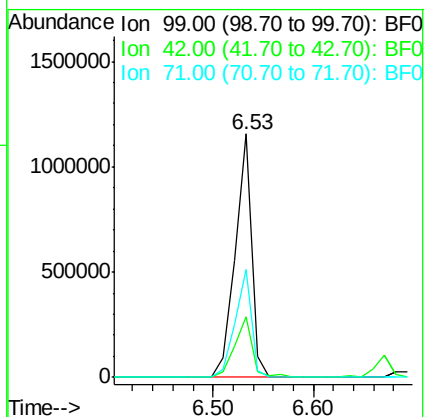
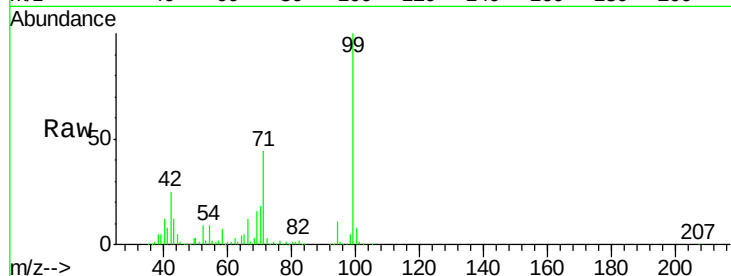
Tgt Ion: 99 Resp: 1306264

Ion Ratio Lower Upper

99 100

42 24.7 19.2 28.8

71 44.2 35.0 52.4



#8

2-Chlorophenol

Concen: 38.36 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

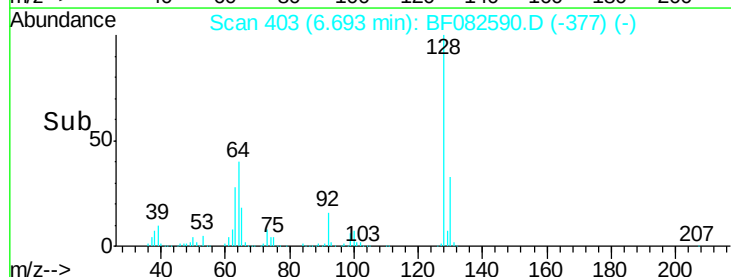
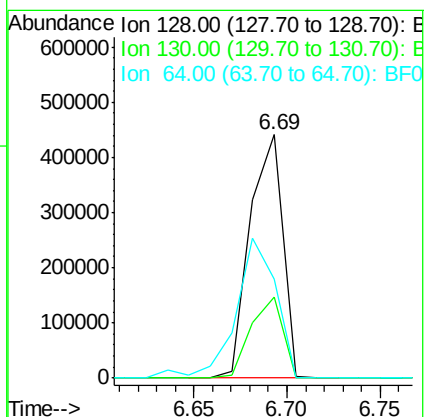
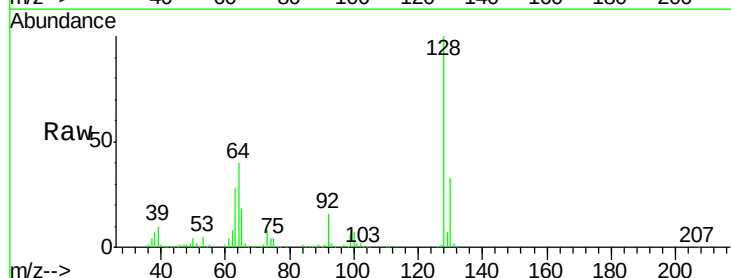
Tgt Ion: 128 Resp: 534717

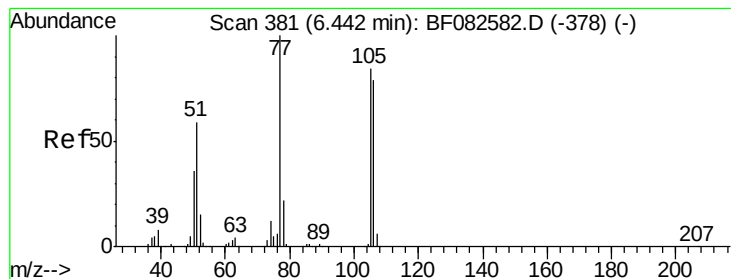
Ion Ratio Lower Upper

128 100

130 33.2 13.5 53.5

64 40.5 21.1 61.1





#9

Benzaldehyde

Concen: 36.76 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

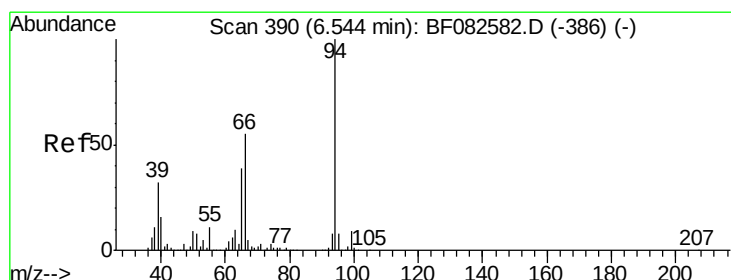
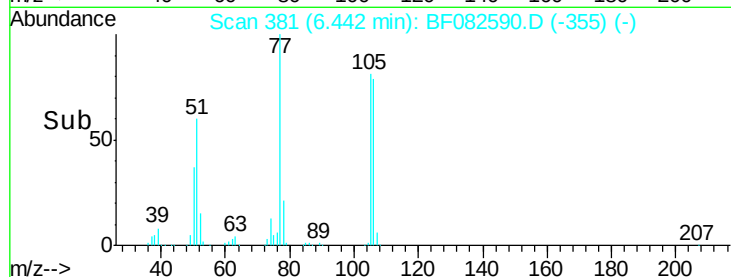
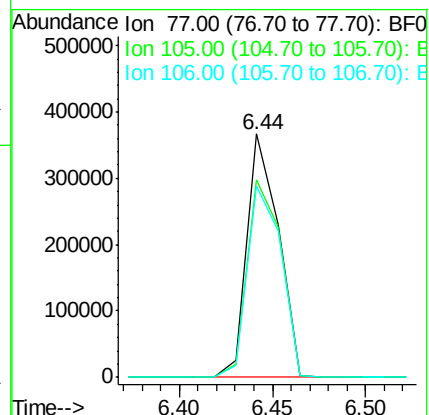
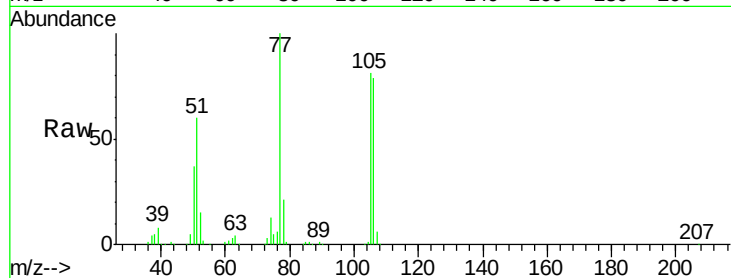
Tgt Ion: 77 Resp: 429485

Ion Ratio Lower Upper

77 100

105 81.4 63.5 103.5

106 78.6 59.3 99.3



#10

Phenol

Concen: 39.24 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

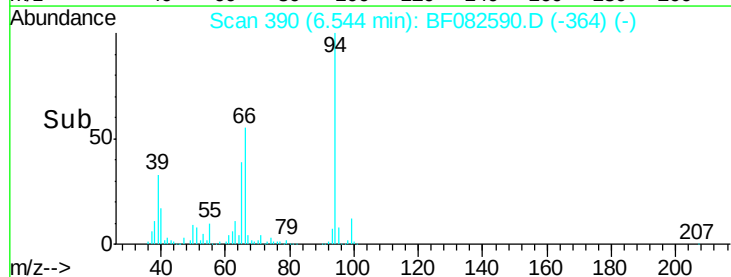
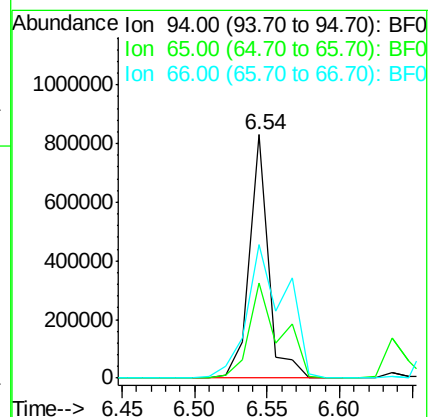
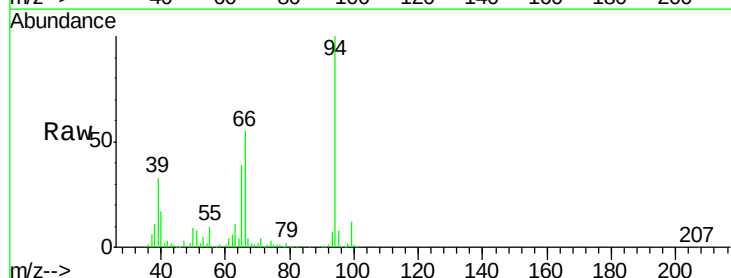
Tgt Ion: 94 Resp: 760971

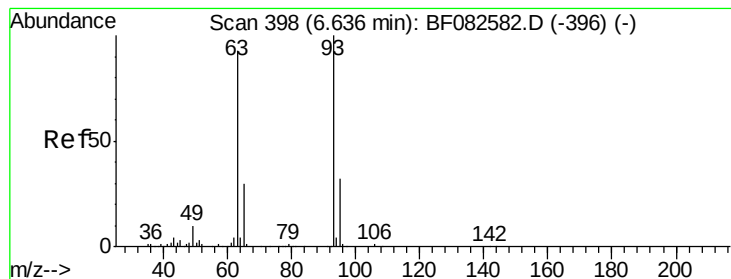
Ion Ratio Lower Upper

94 100

65 38.9 18.9 58.9

66 54.7 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 35.52 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

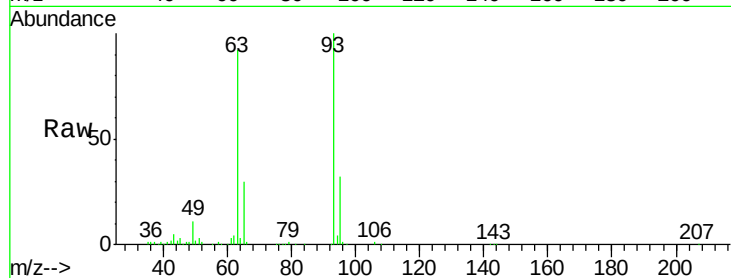
Tgt Ion: 93 Resp: 508177

Ion Ratio Lower Upper

93 100

63 91.8 72.7 112.7

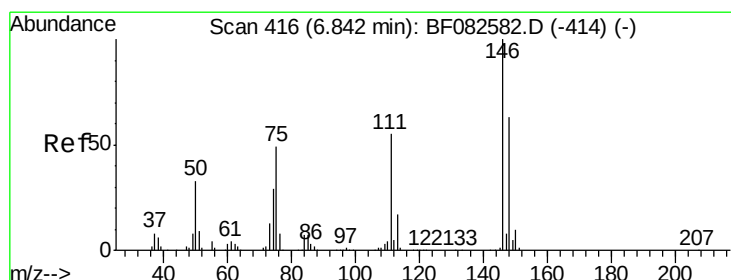
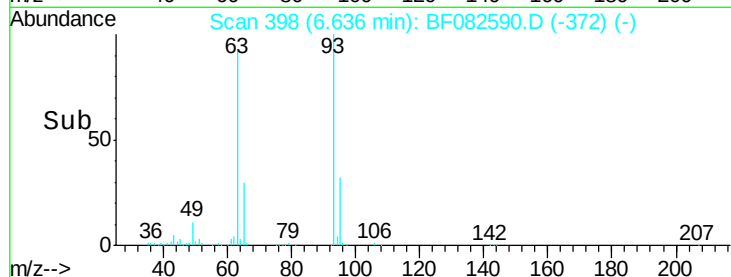
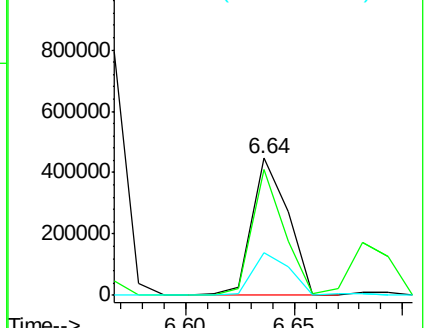
95 31.6 12.0 52.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.41 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

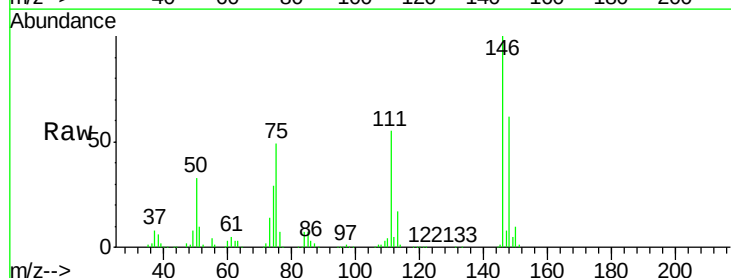
Tgt Ion: 146 Resp: 594525

Ion Ratio Lower Upper

146 100

148 62.4 50.5 75.7

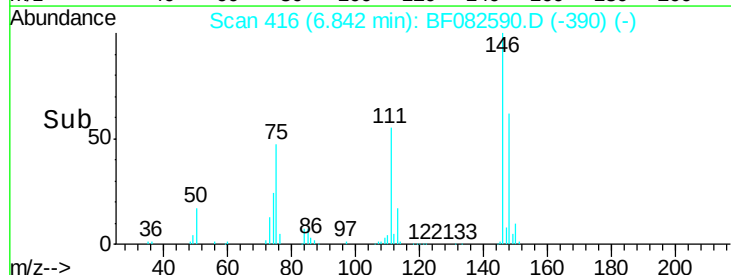
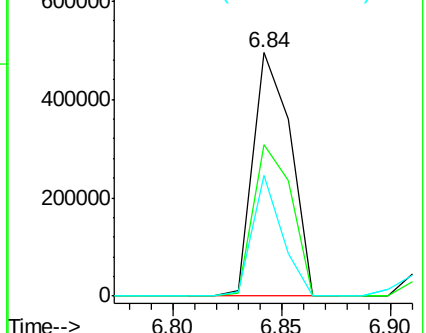
75 49.5 39.5 59.3

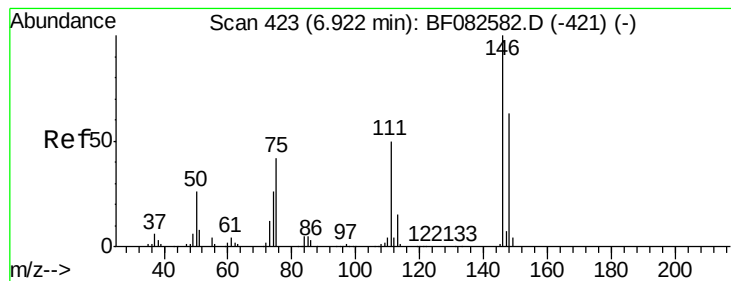


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.52 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

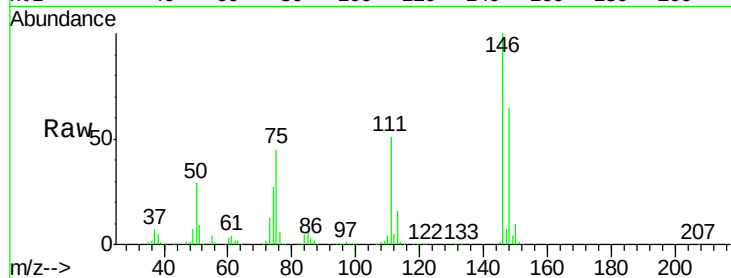
Tgt Ion:146 Resp: 607223

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

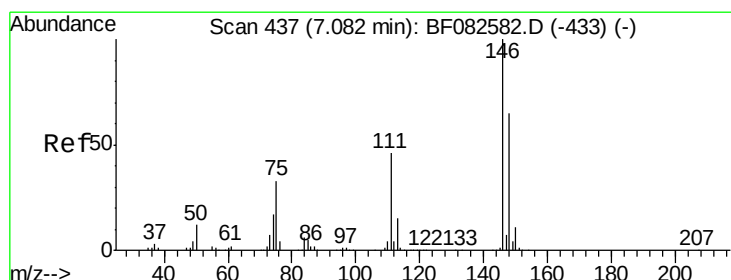
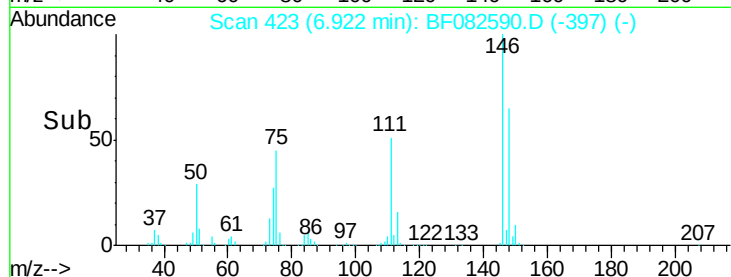
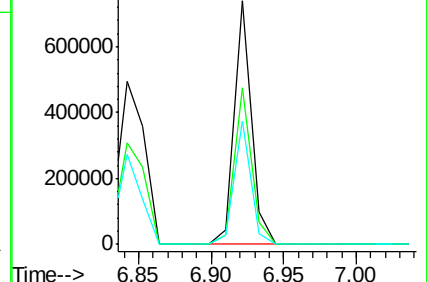
111 50.8 40.6 60.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.11 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

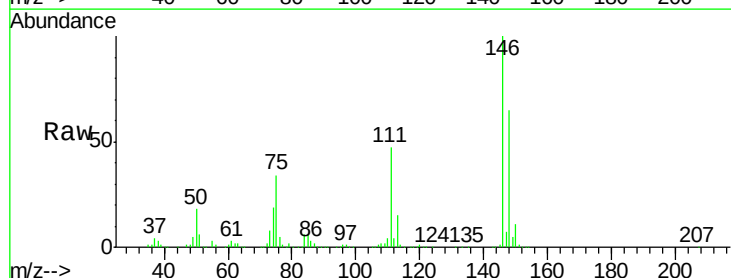
Tgt Ion:146 Resp: 616152

Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.4

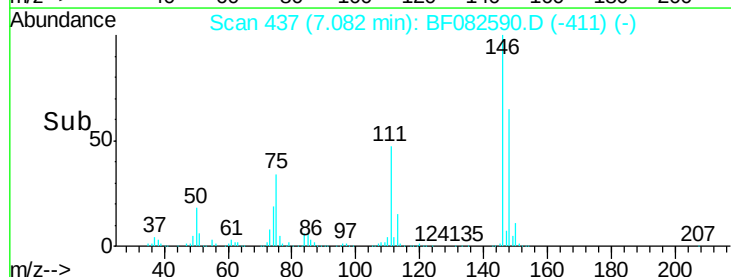
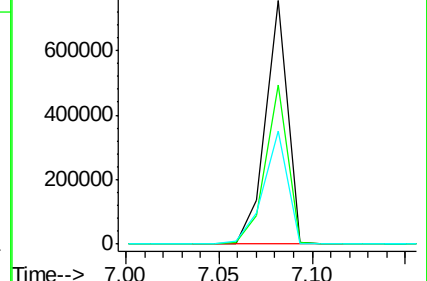
111 46.6 36.6 55.0

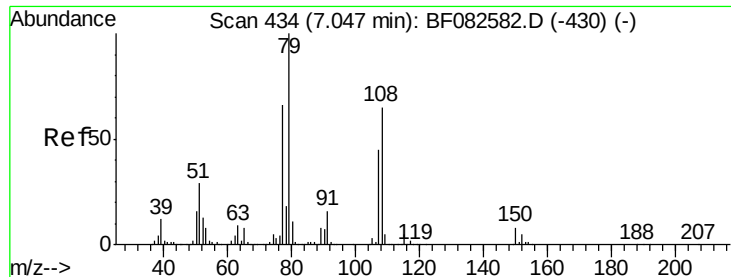


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.07 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

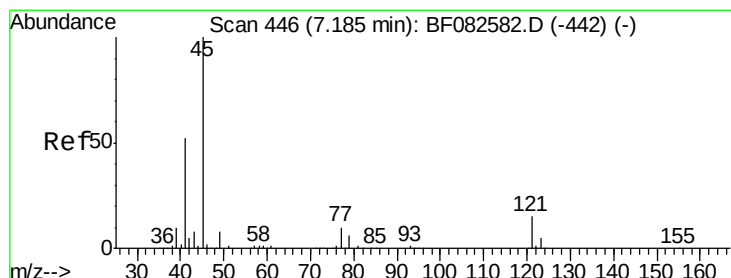
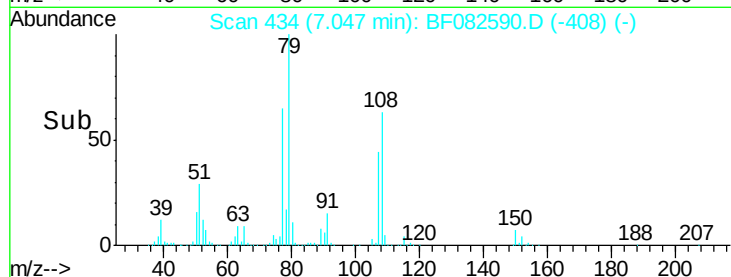
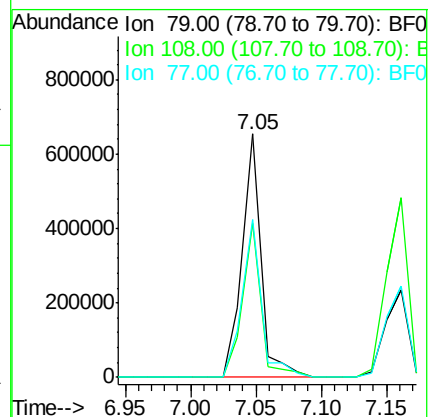
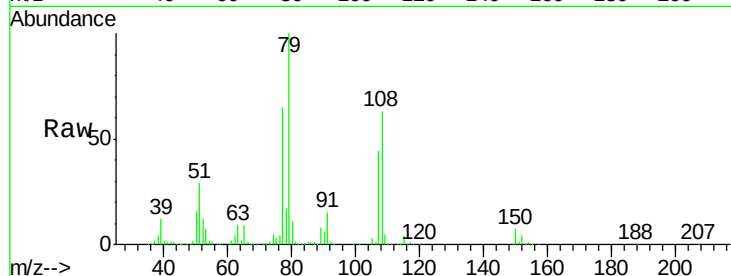
Tgt Ion: 79 Resp: 655473

Ion Ratio Lower Upper

79 100

108 63.3 52.2 78.4

77 65.1 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.45 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

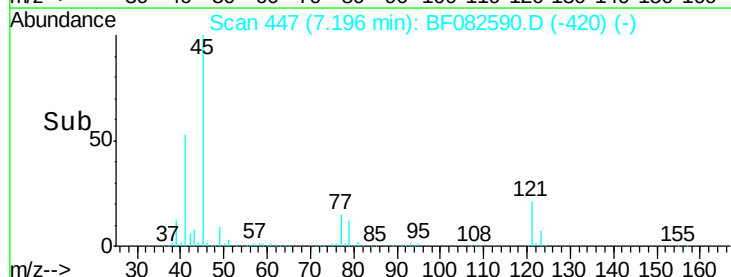
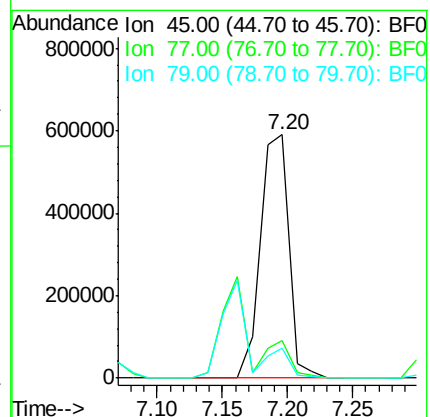
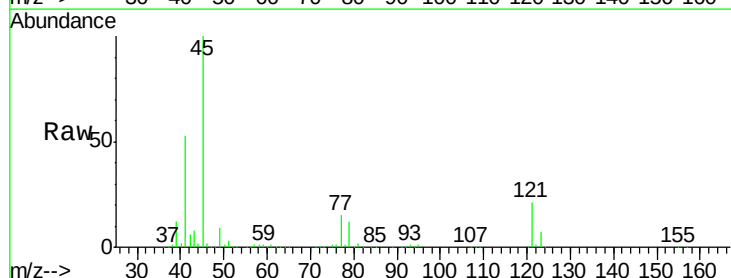
Tgt Ion: 45 Resp: 896948

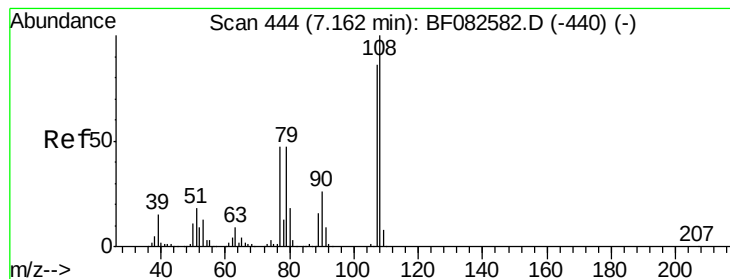
Ion Ratio Lower Upper

45 100

77 15.4 0.0 32.6

79 12.2 0.0 29.2





#17

2-Methylphenol

Concen: 40.42 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

Tgt Ion:107 Resp: 479051

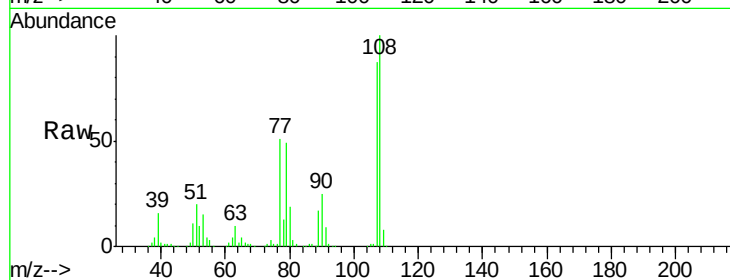
Ion Ratio Lower Upper

107 100

108 114.5 93.0 139.4

77 58.1 44.1 66.1

79 56.0 43.6 65.4

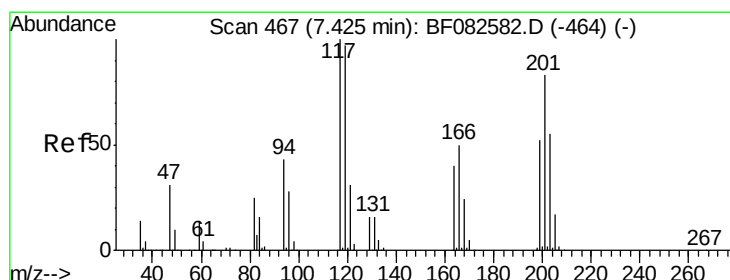
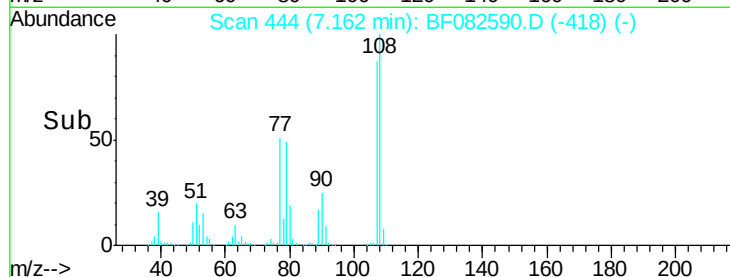
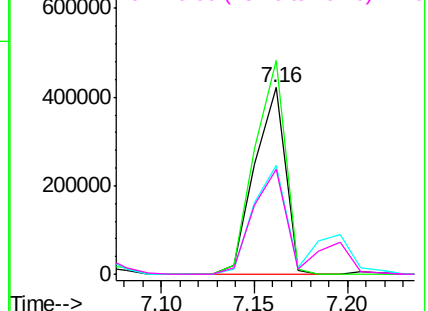


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.35 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

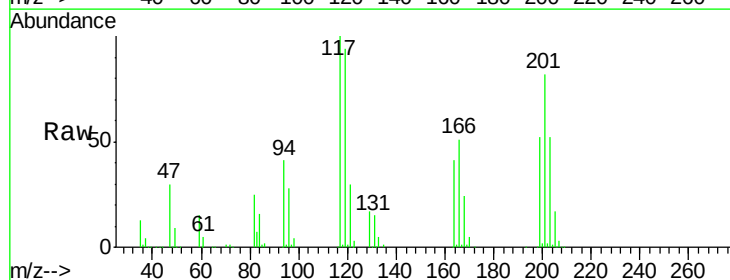
Tgt Ion:117 Resp: 254389

Ion Ratio Lower Upper

117 100

119 93.7 77.7 116.5

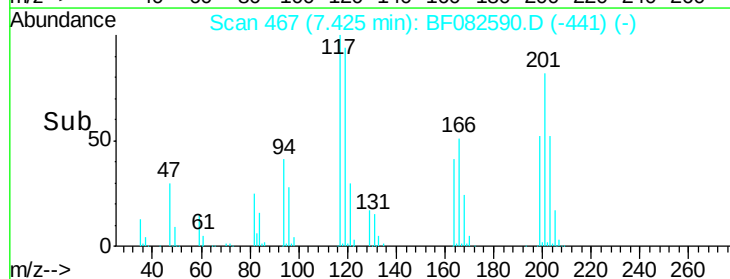
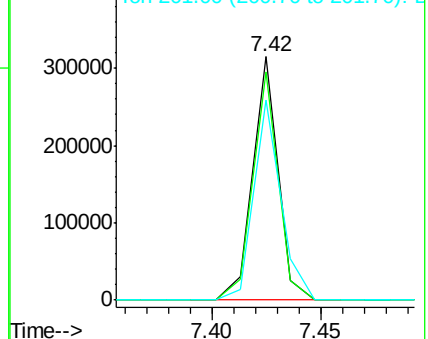
201 82.0 66.7 100.1

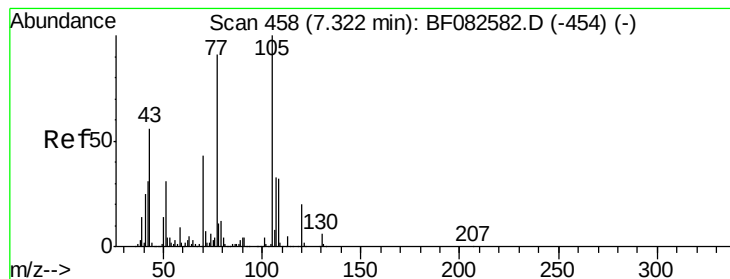


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.20 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

Tgt Ion: 70 Resp: 508512

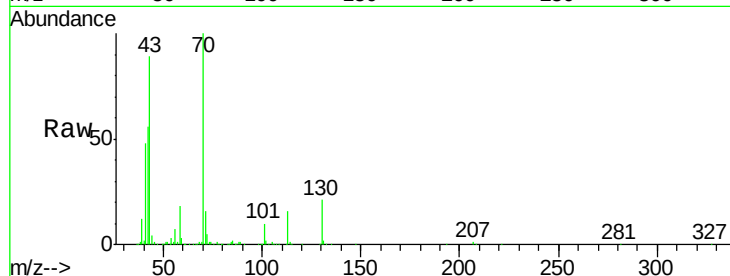
Ion Ratio Lower Upper

70 100

42 55.8 57.7 86.5#

101 10.4 7.0 10.6

130 21.3 11.8 17.6#



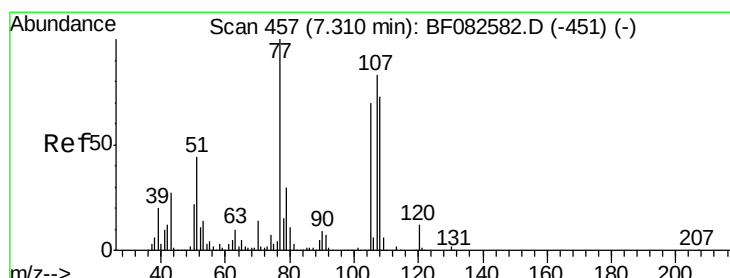
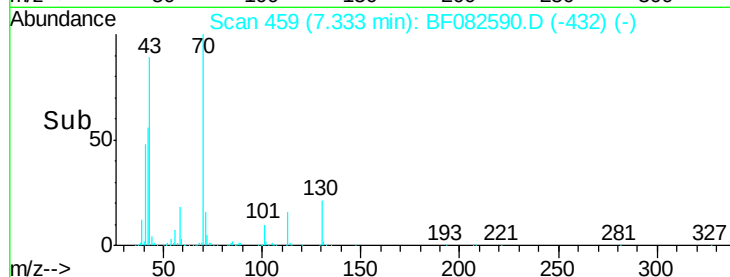
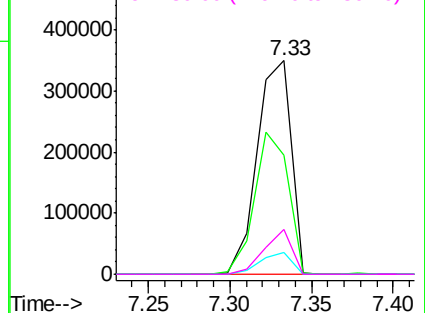
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 37.29 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Tgt Ion: 107 Resp: 574246

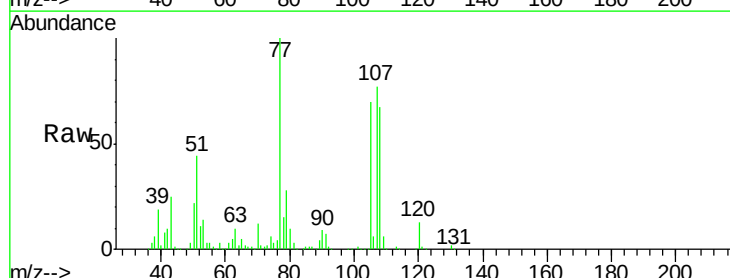
Ion Ratio Lower Upper

107 100

108 86.9 67.3 107.3

77 130.5 100.3 140.3

79 37.0 16.2 56.2



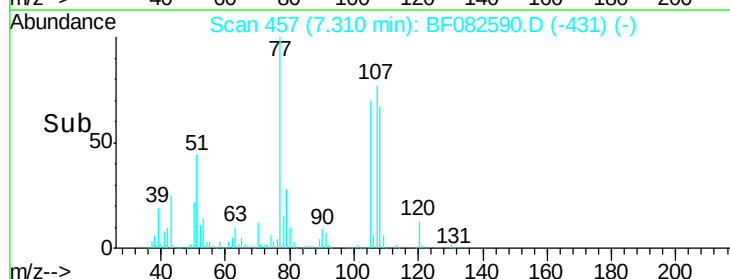
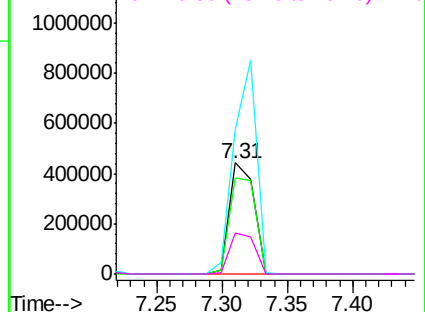
Abundance

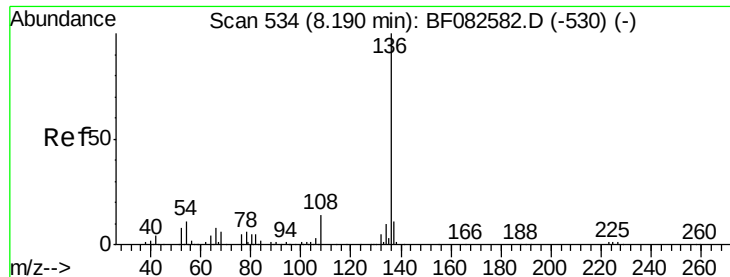
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

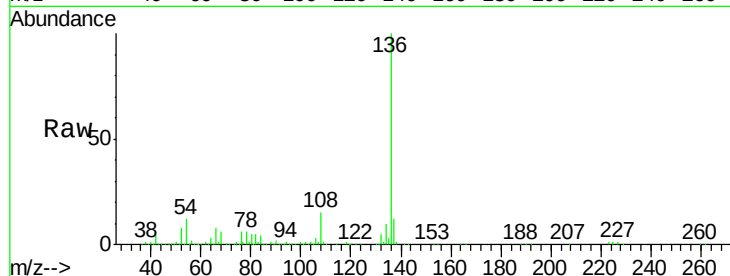




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

Instrument :
BNA_F
ClientSampleId :
ICVBF103015

Tgt Ion:	136	Resp:	711086
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	11.9	9.1	13.7
68	6.4	4.8	7.2



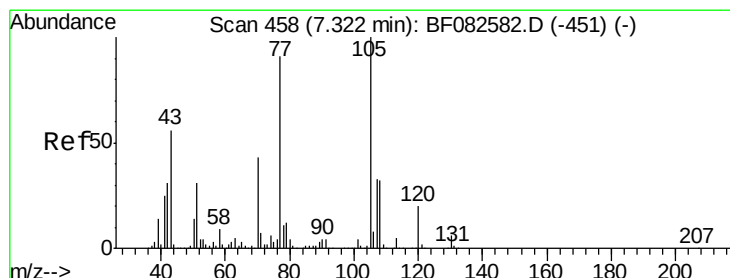
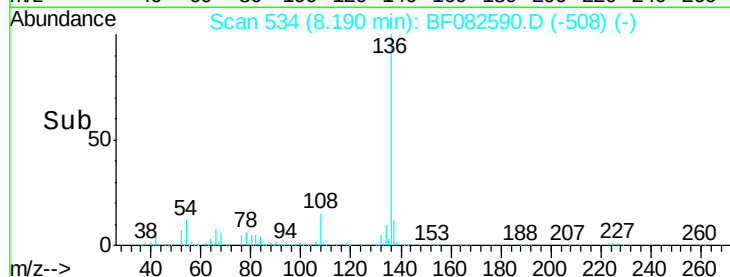
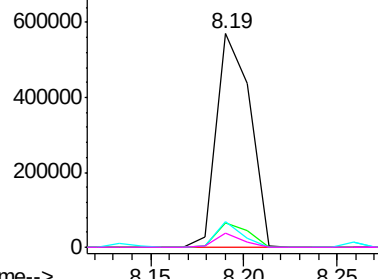
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

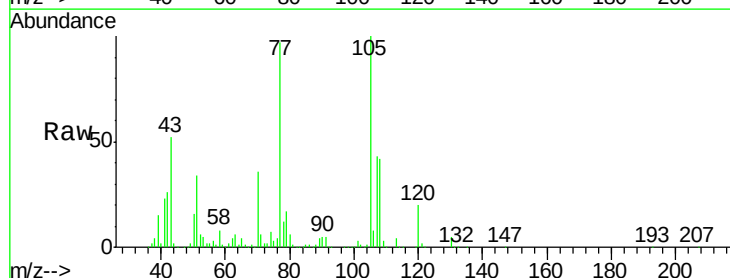
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 43.23 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

Tgt Ion:	105	Resp:	904957
Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.6	8.4
51	34.3	24.9	37.3
120	20.3	15.8	23.8



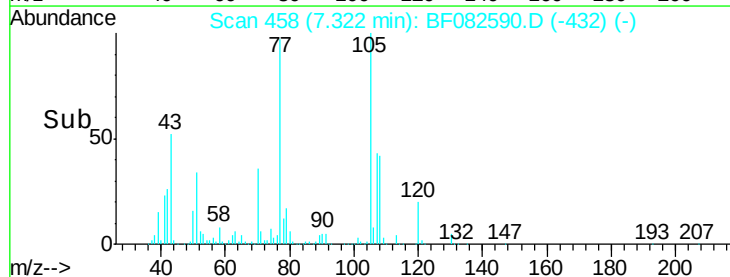
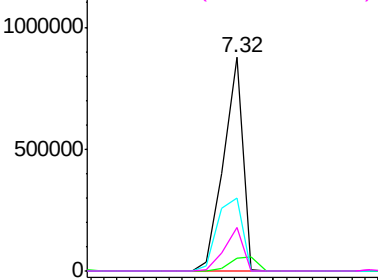
Abundance

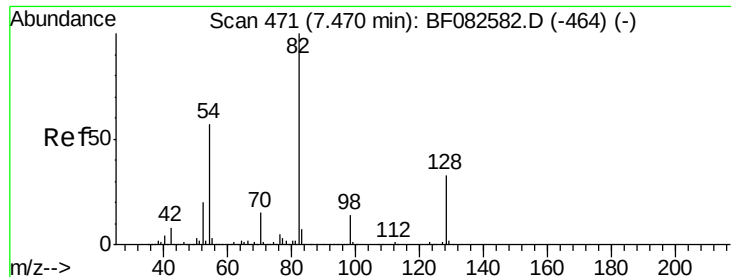
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

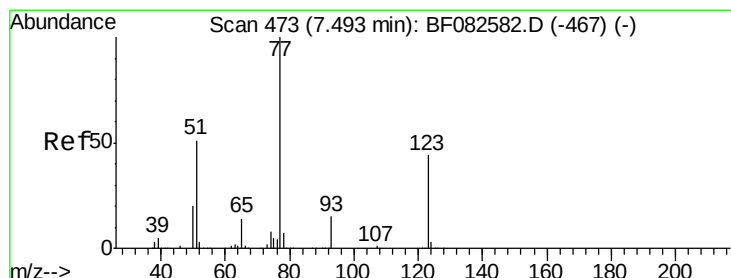
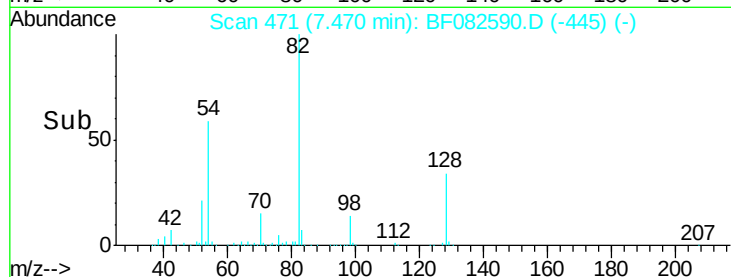
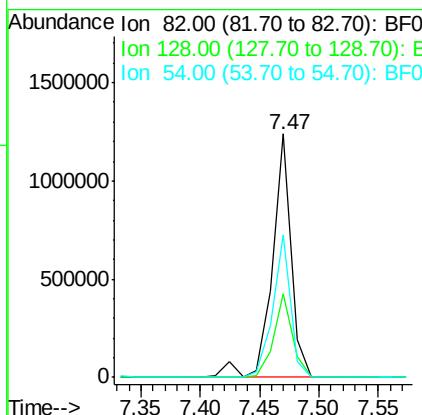
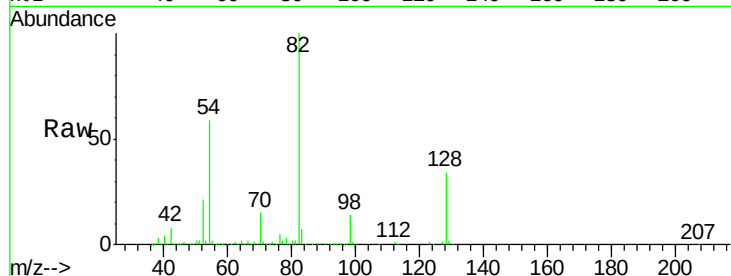




#23
 Nitrobenzene-d5
 Concen: 78.72 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

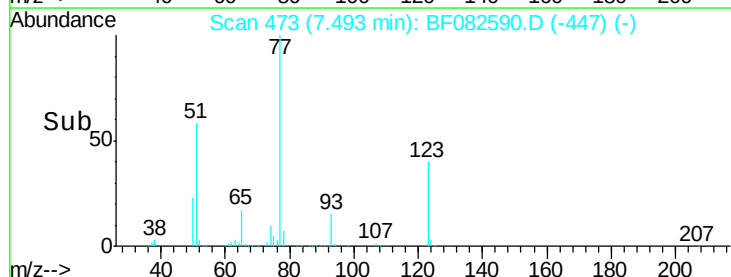
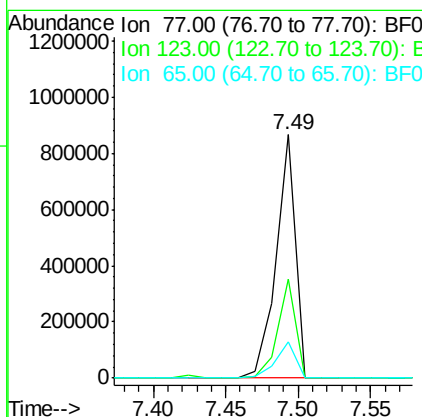
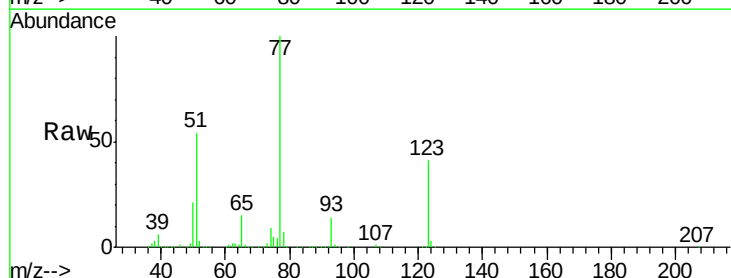
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF103015

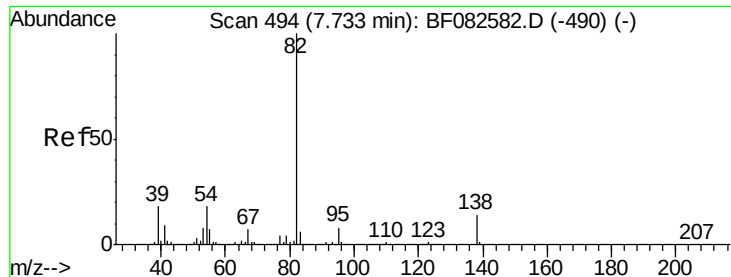
Tgt Ion: 82 Resp: 1370835
 Ion Ratio Lower Upper
 82 100
 128 34.1 26.8 40.2
 54 58.6 45.7 68.5



#24
 Nitrobenzene
 Concen: 45.36 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

Tgt Ion: 77 Resp: 798444
 Ion Ratio Lower Upper
 77 100
 123 40.9 36.4 54.6
 65 15.1 11.5 17.3





#25

Isophorone

Concen: 39.22 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

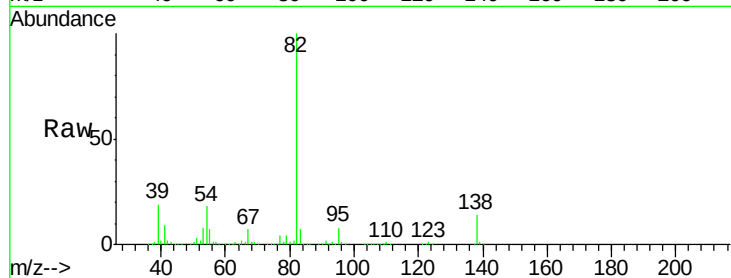
Tgt Ion: 82 Resp: 1256587

Ion Ratio Lower Upper

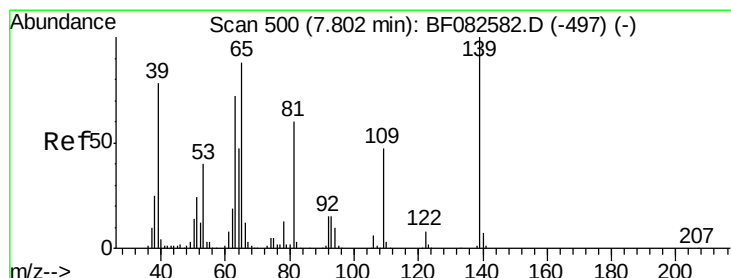
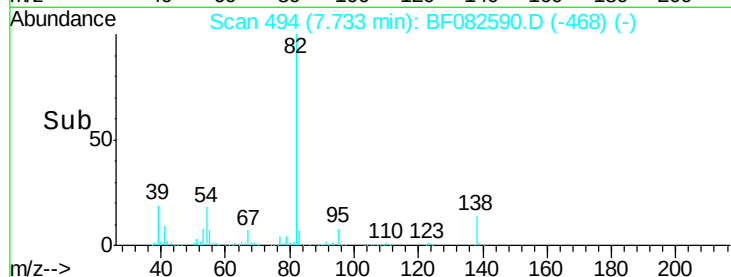
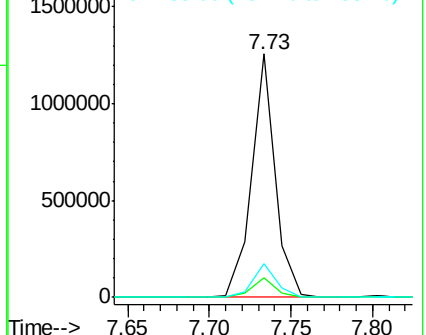
82 100

95 8.2 6.6 9.8

138 13.7 11.4 17.0



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: 40.52 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

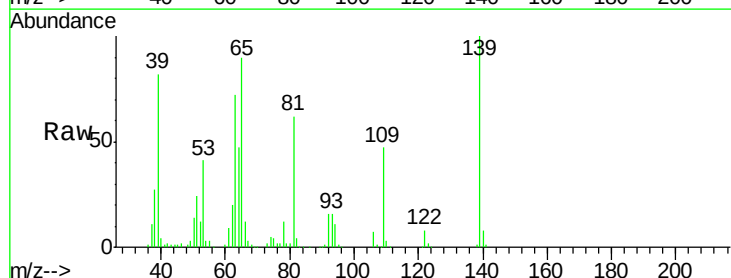
Tgt Ion: 139 Resp: 260550

Ion Ratio Lower Upper

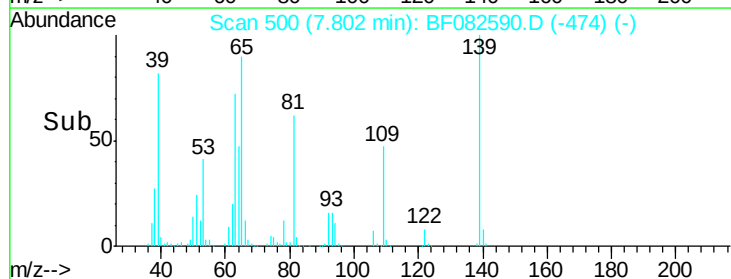
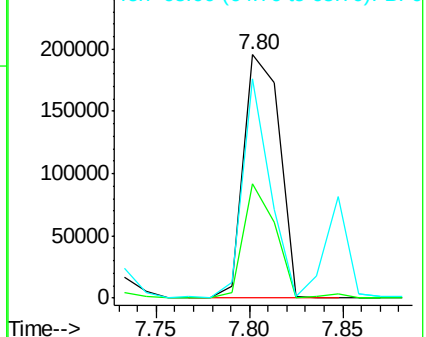
139 100

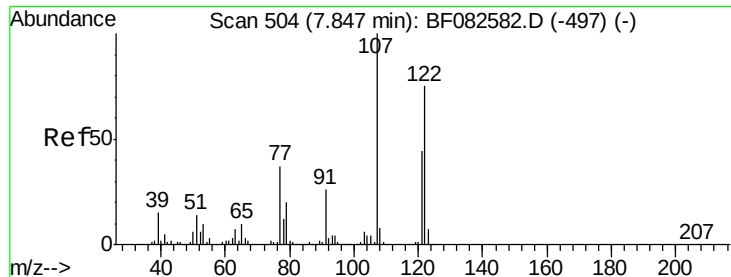
109 47.2 37.6 56.4

65 90.0 70.6 105.8



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





#27

2,4-Dimethylphenol

Concen: 40.02 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

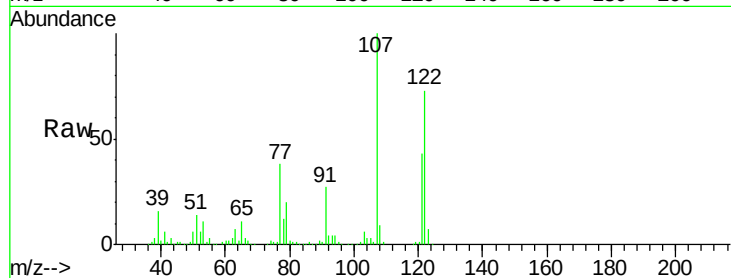
Tgt Ion:122 Resp: 502308

Ion Ratio Lower Upper

122 100

107 136.2 106.0 159.0

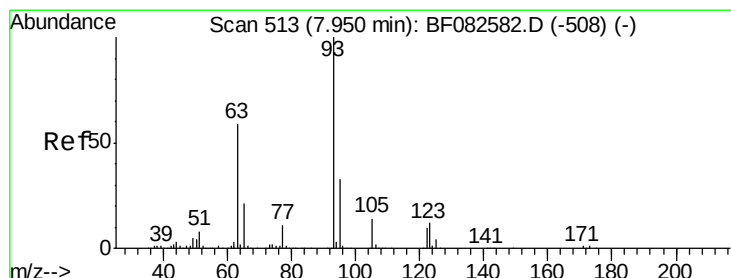
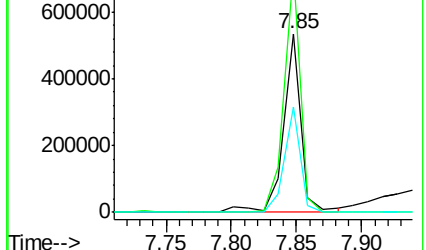
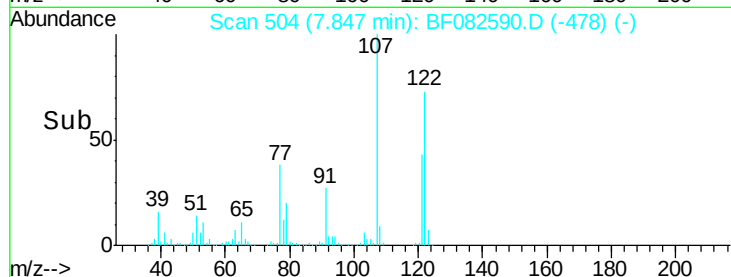
121 59.2 46.7 70.1



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: 41.30 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

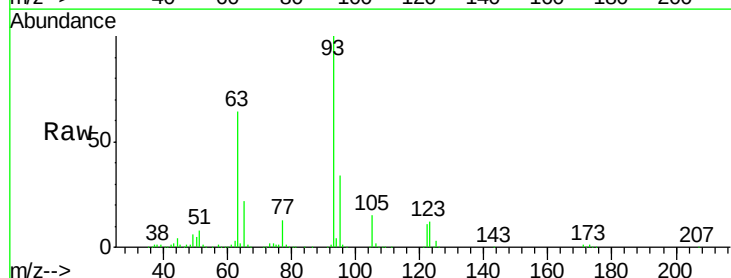
Tgt Ion: 93 Resp: 723742

Ion Ratio Lower Upper

93 100

95 33.5 26.6 40.0

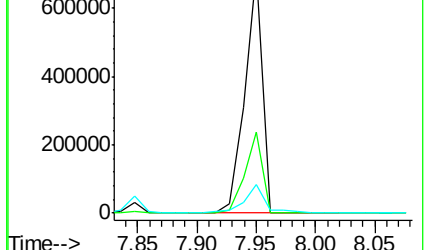
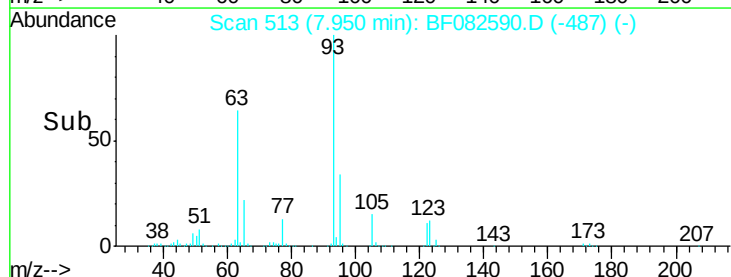
123 11.8 9.7 14.5

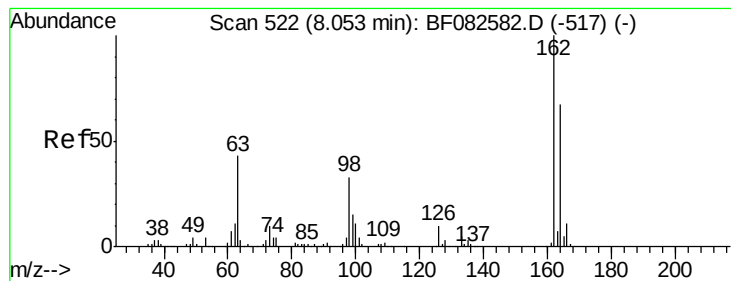


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.86 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

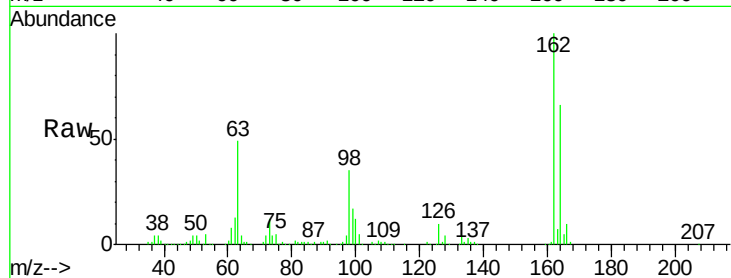
Tgt Ion:162 Resp: 478906

Ion Ratio Lower Upper

162 100

164 65.6 46.8 86.8

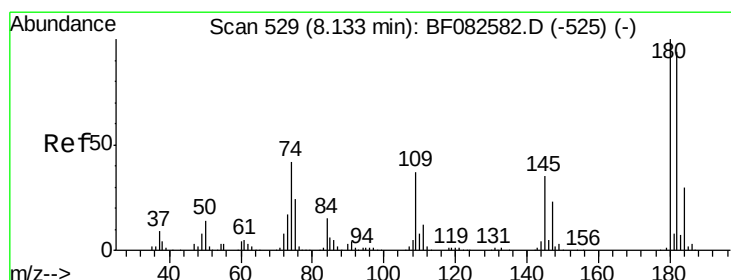
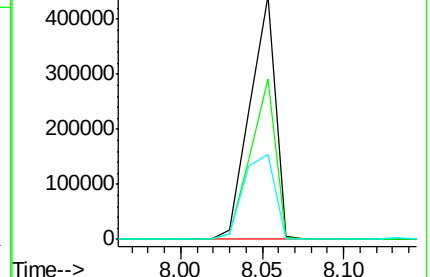
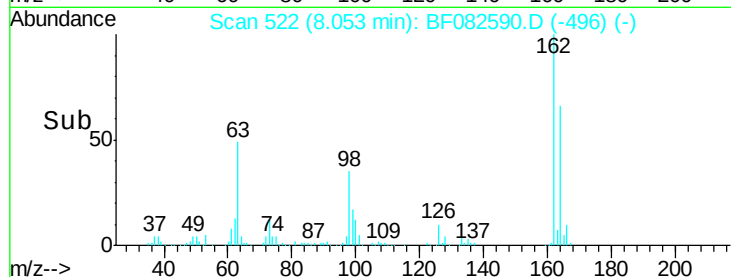
98 35.0 12.5 52.5



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: 38.57 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

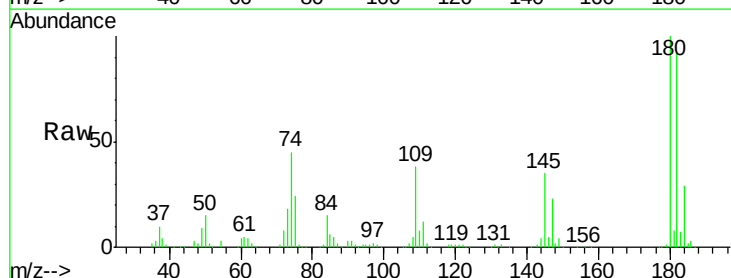
Tgt Ion:180 Resp: 489735

Ion Ratio Lower Upper

180 100

182 92.2 74.9 112.3

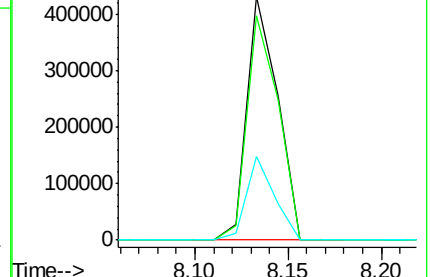
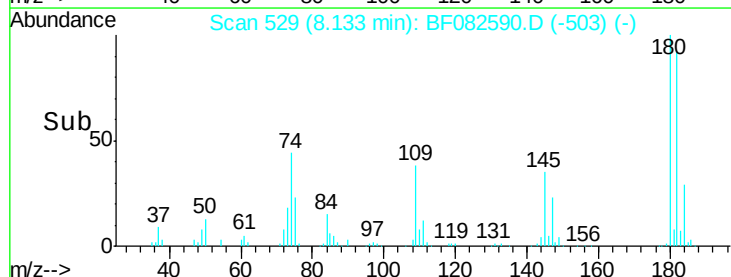
145 34.6 27.8 41.8

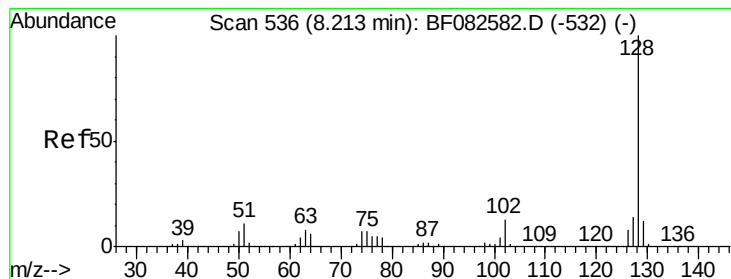


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.31 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

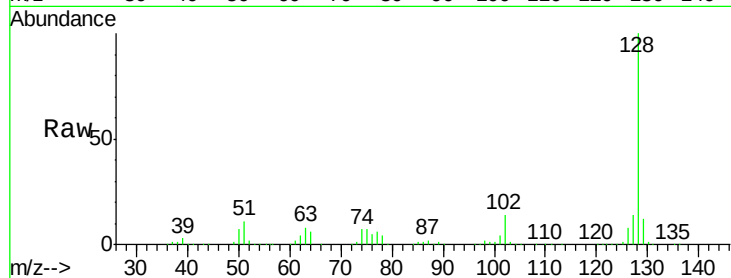
Tgt Ion:128 Resp: 1397132

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

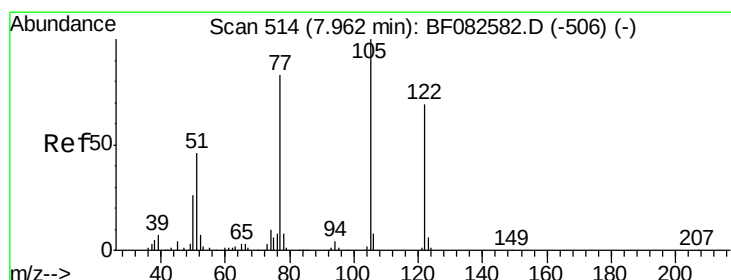
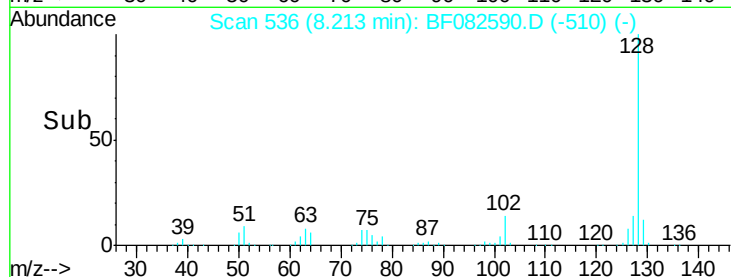
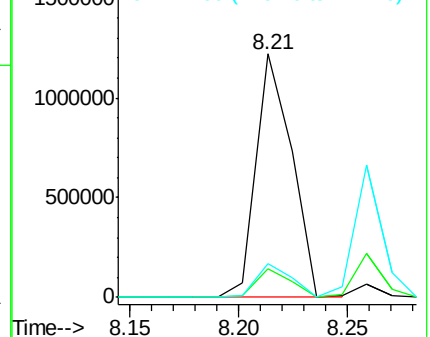
127 14.0 11.4 17.0



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: 43.61 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

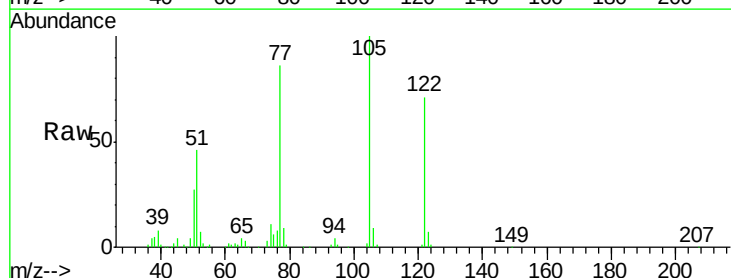
Tgt Ion:122 Resp: 397134

Ion Ratio Lower Upper

122 100

105 141.7 122.6 162.6

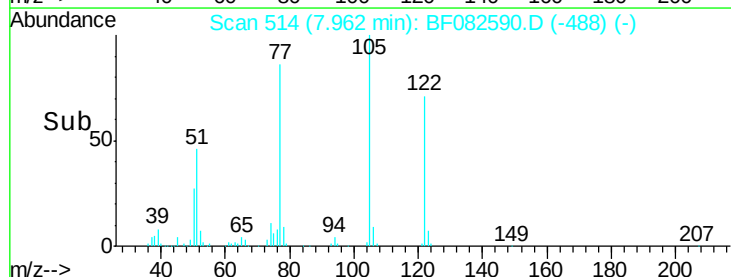
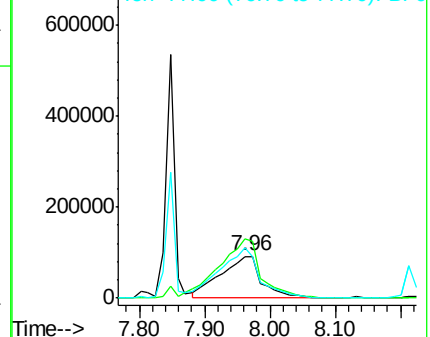
77 122.0 100.9 140.9

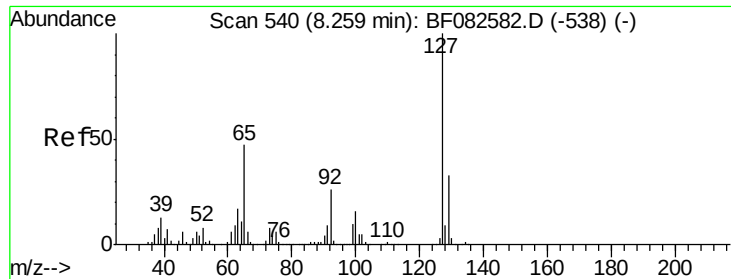


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

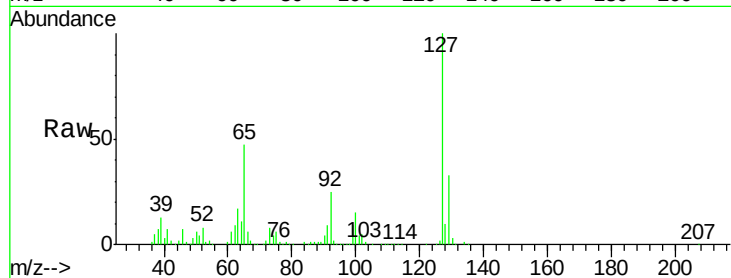




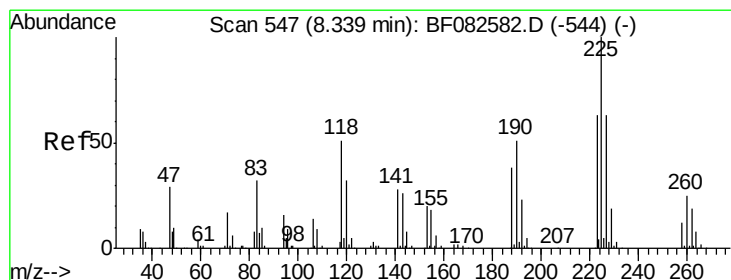
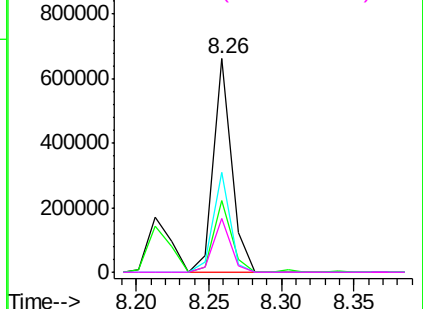
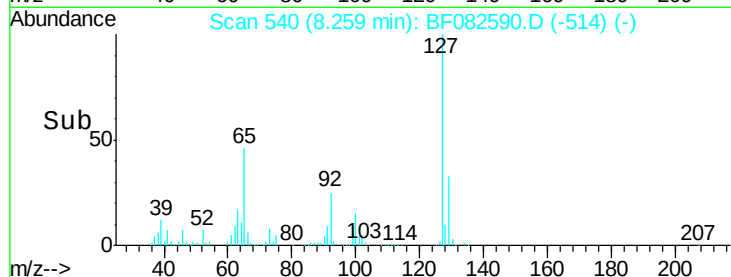
#33
4-Chloroaniline
Concen: 35.22 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

Instrument :
BNA_F
ClientSampleId :
ICVBF103015

Tgt Ion:	127	Resp:	578642
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	46.9	37.8	56.8
92	25.4	20.6	31.0

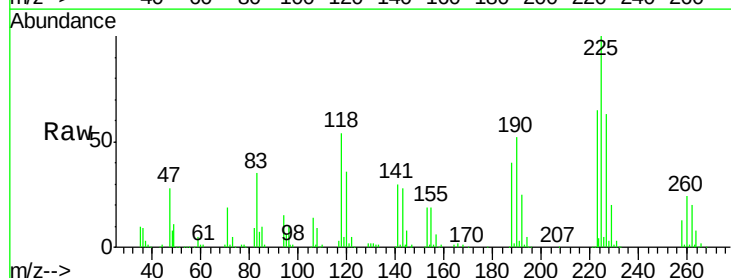


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

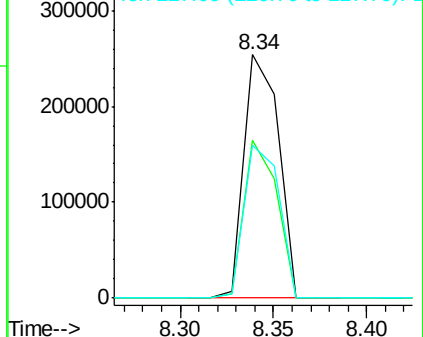
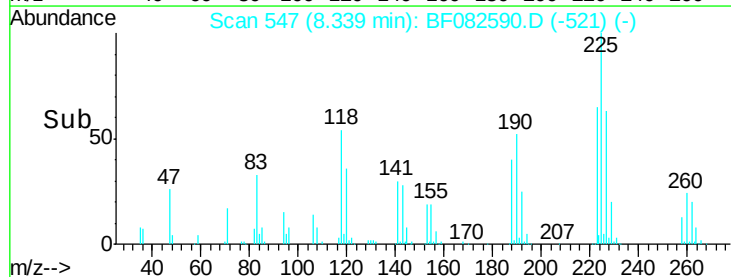


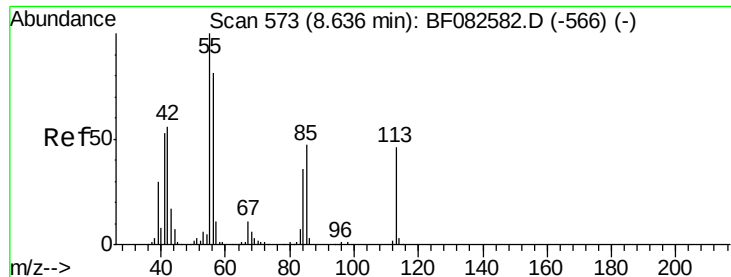
#34
Hexachlorobutadiene
Concen: 40.29 ng
RT: 8.34 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

Tgt Ion:	225	Resp:	325356
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.5	75.7
227	62.5	50.2	75.2



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

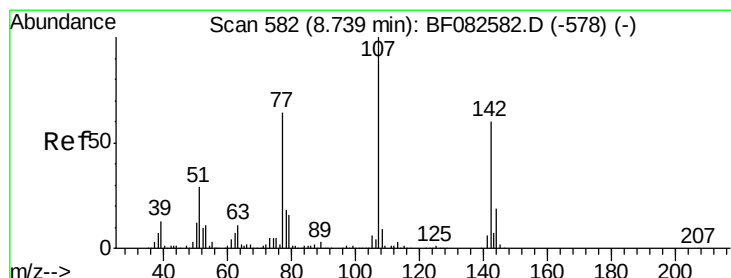
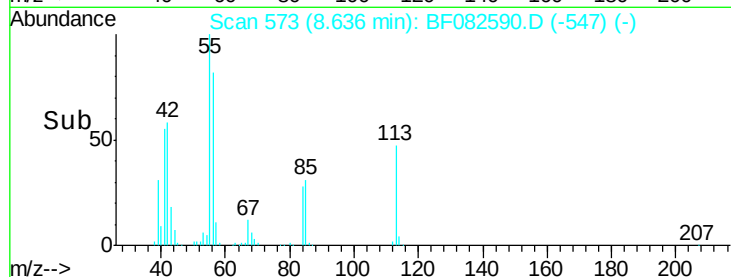
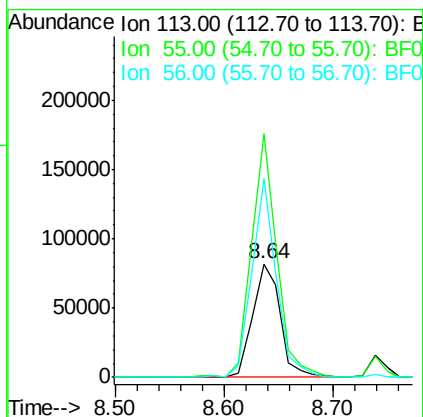
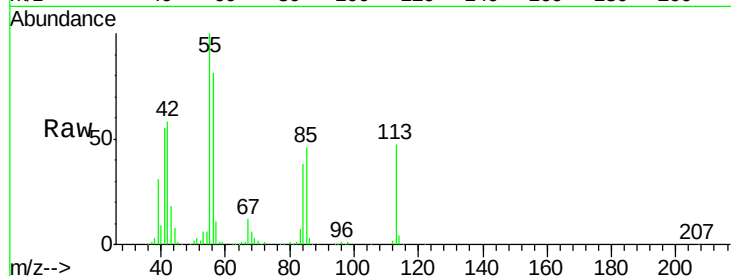




#35
 Caprolactam
 Concen: 41.21 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

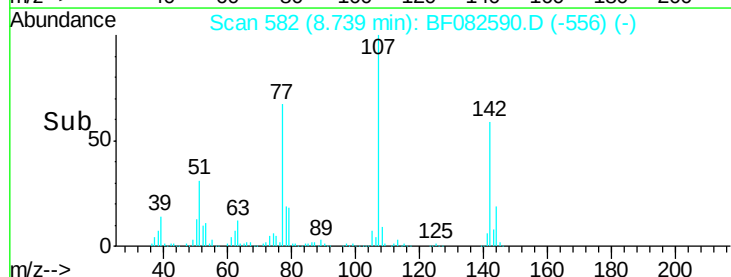
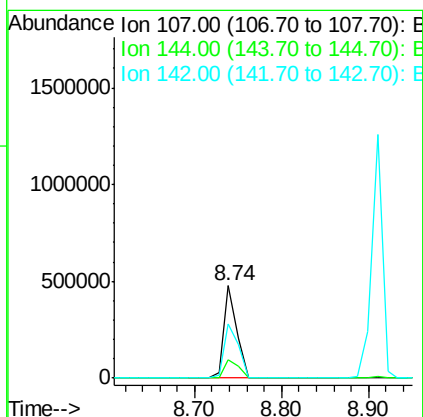
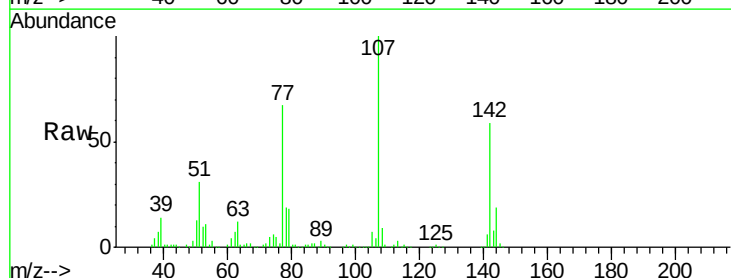
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF103015

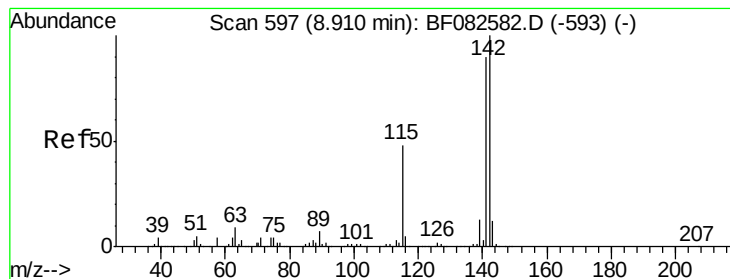
Tgt Ion:113 Resp: 144635
 Ion Ratio Lower Upper
 113 100
 55 214.5 195.5 235.5
 56 174.7 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 36.67 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

Tgt Ion:107 Resp: 494035
 Ion Ratio Lower Upper
 107 100
 144 19.4 15.4 23.0
 142 59.1 47.8 71.8

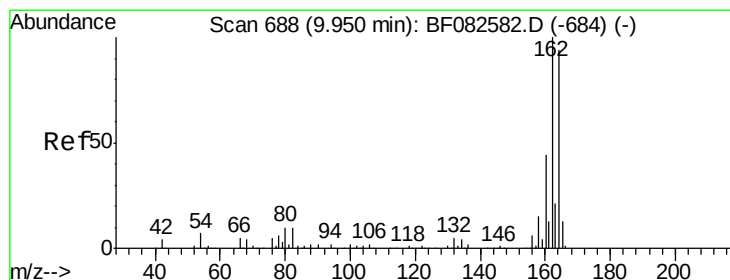
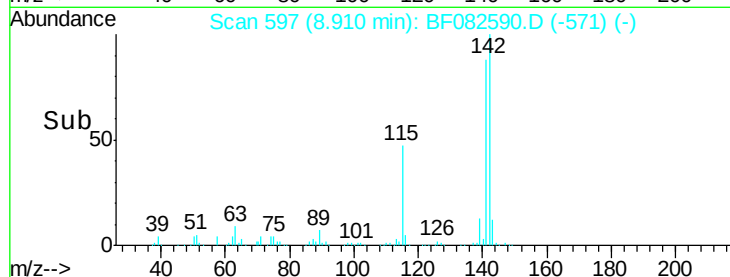
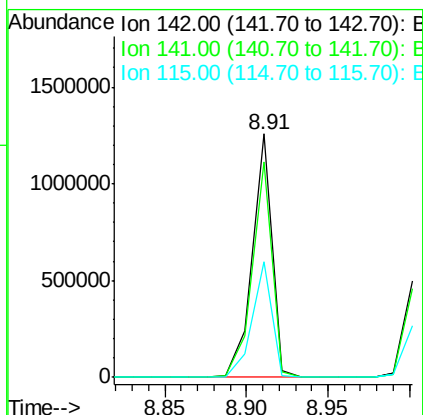
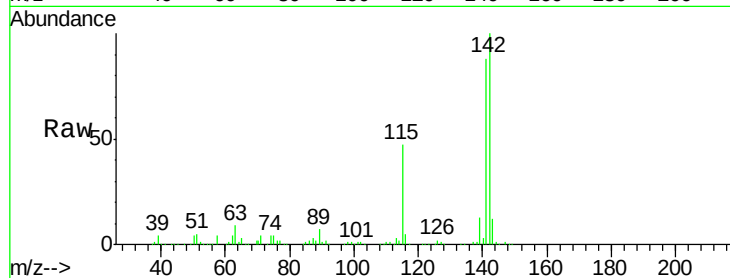




#37
 2-Methylnaphthalene
 Concen: 42.37 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

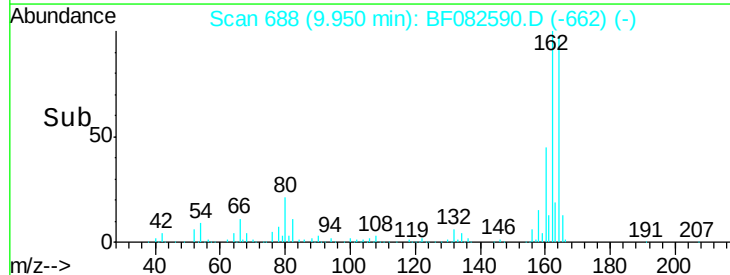
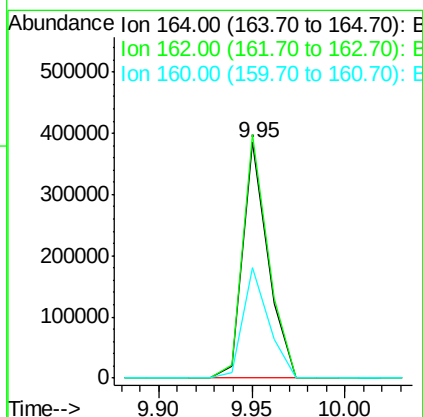
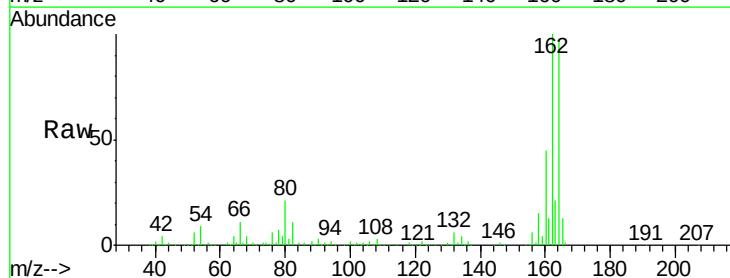
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF103015

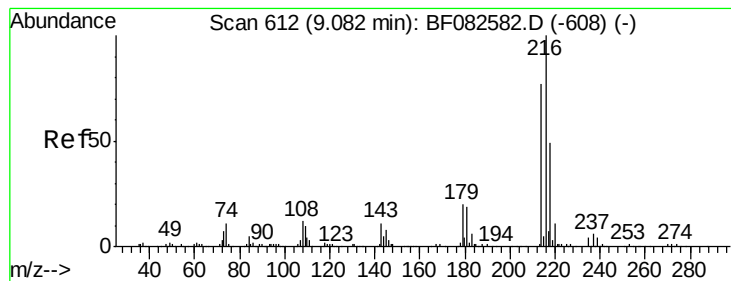
Tgt Ion:142 Resp: 1056679
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.3 108.5
 115 47.4 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

Tgt Ion:164 Resp: 360981
 Ion Ratio Lower Upper
 164 100
 162 103.3 84.9 127.3
 160 46.7 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.21 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

Tgt Ion:216 Resp: 520543

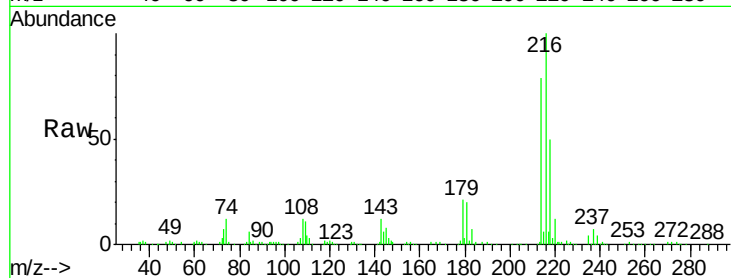
Ion Ratio Lower Upper

216 100

214 79.0 62.2 93.2

179 22.9 18.1 27.1

108 20.8 16.6 25.0

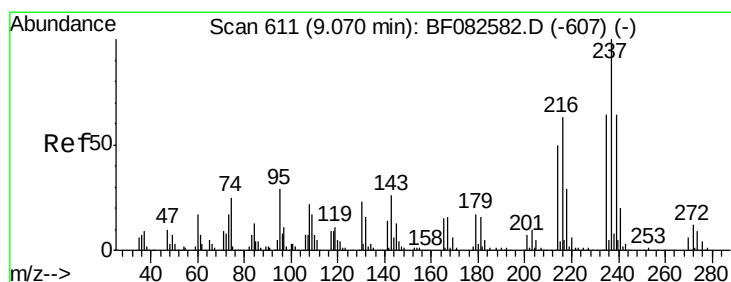
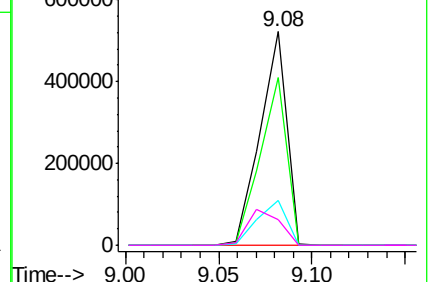
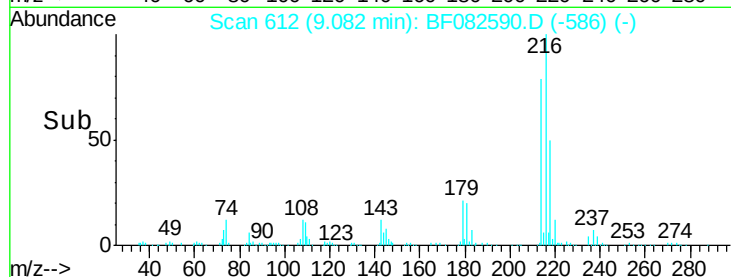


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 43.07 ng

RT: 9.07 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

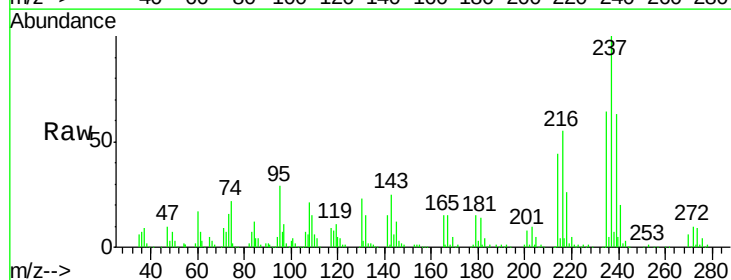
Tgt Ion:237 Resp: 326190

Ion Ratio Lower Upper

237 100

235 63.8 44.3 84.3

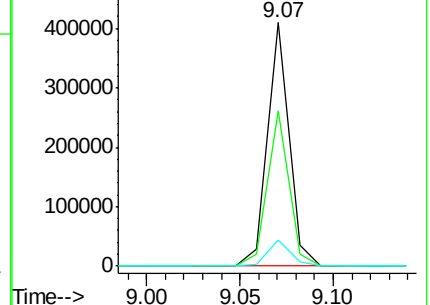
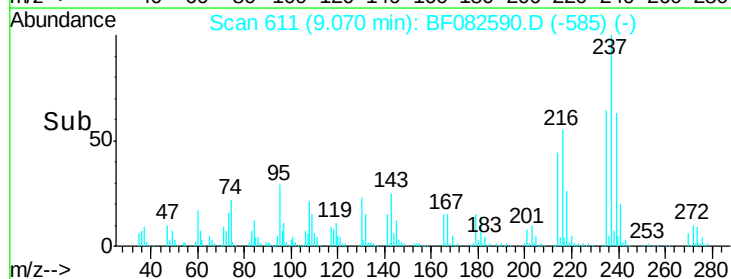
272 10.5 0.0 31.9

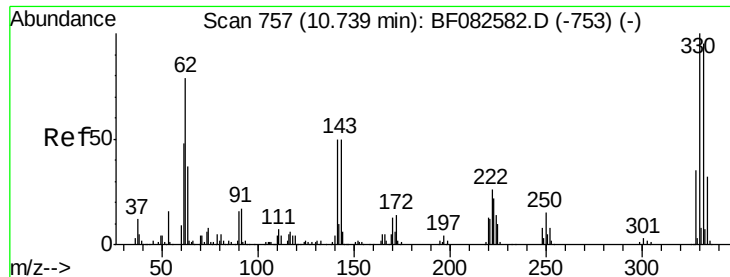


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

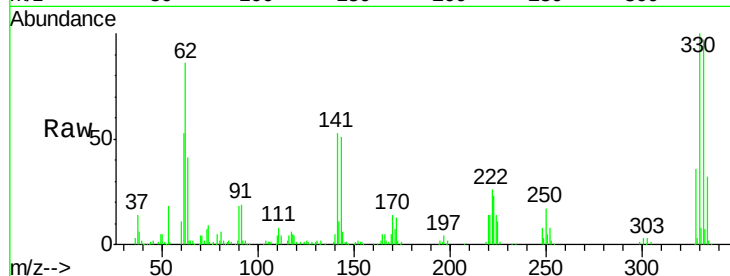




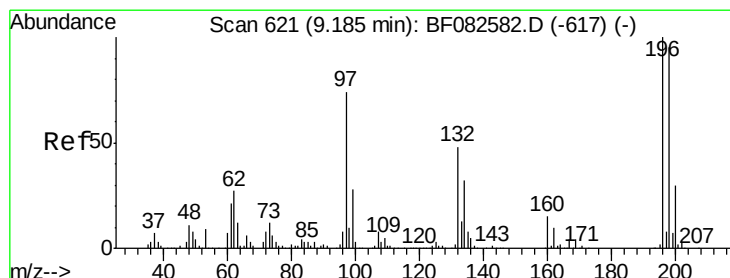
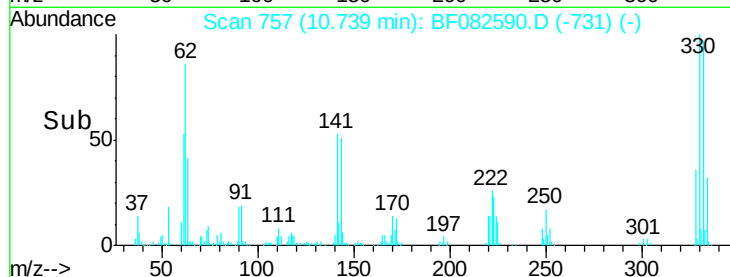
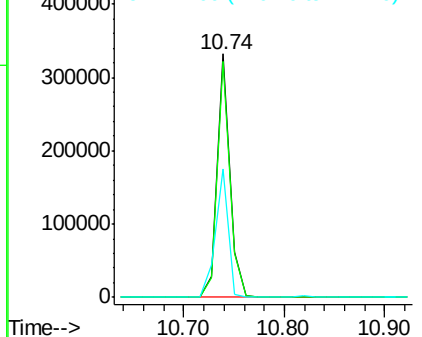
#41
 2,4,6-Tribromophenol
 Concen: 74.41 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF103015

Tgt Ion:330 Resp: 293953
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 52.8 41.2 61.8

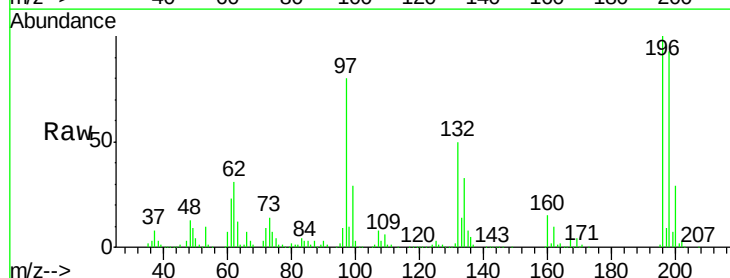


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

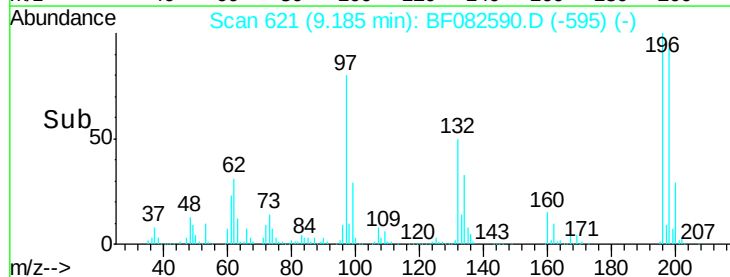
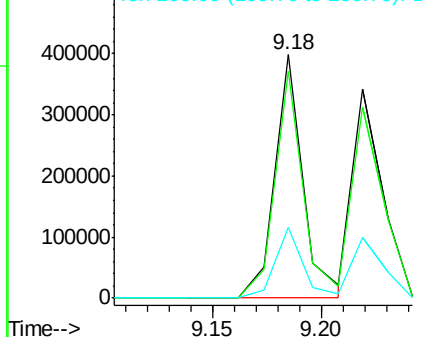


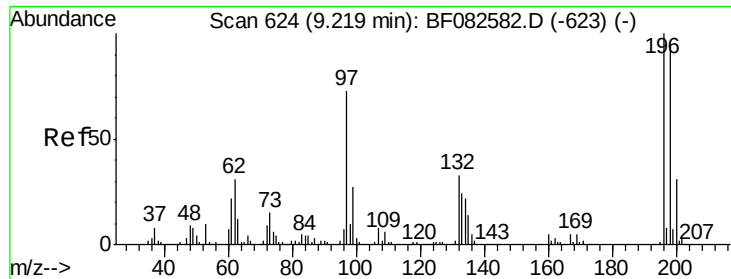
#42
 2,4,6-Trichlorophenol
 Concen: 41.69 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

Tgt Ion:196 Resp: 362568
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.3 114.5
 200 29.3 23.9 35.9



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

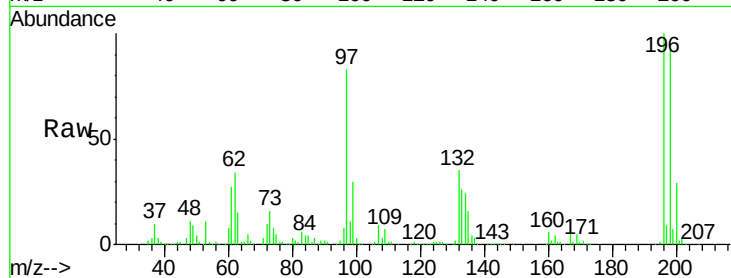




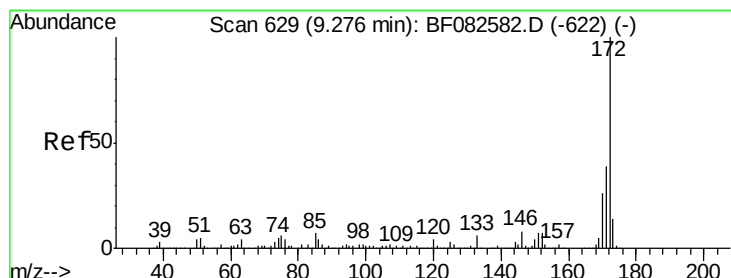
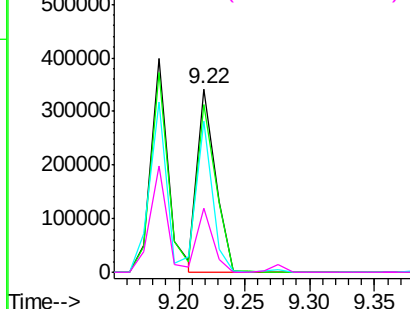
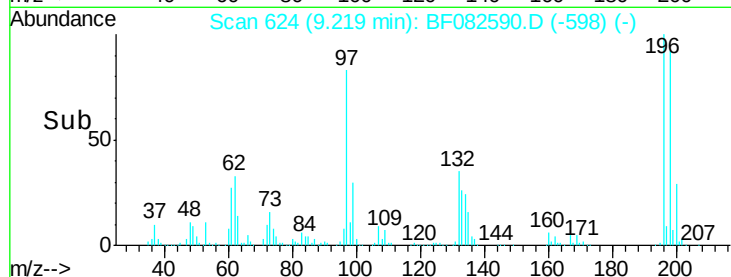
#43
 2,4,5-Trichlorophenol
 Concen: 38.00 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF103015

Tgt Ion:196 Resp: 329353
 Ion Ratio Lower Upper
 196 100
 198 91.5 75.8 113.8
 97 82.5 62.3 93.5
 132 35.0 27.4 41.2

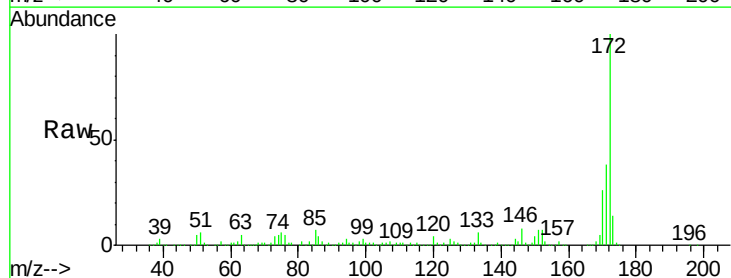


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

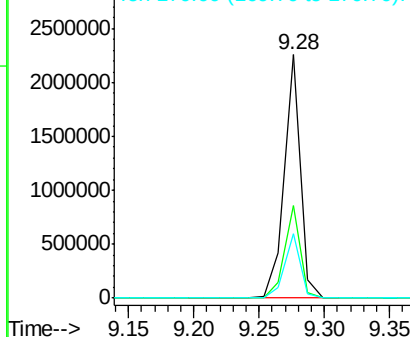
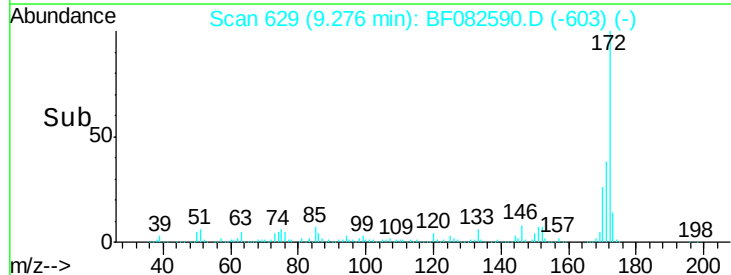


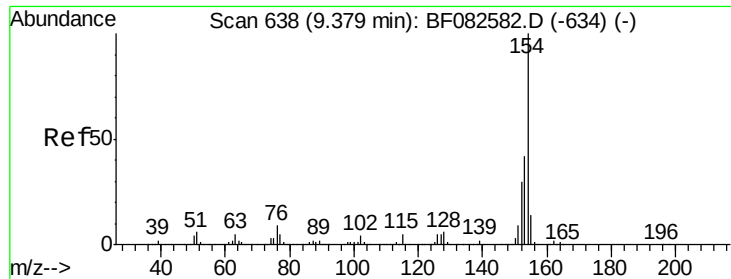
#44
 2-Fluorobiphenyl
 Concen: 77.22 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

Tgt Ion:172 Resp: 1963269
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.8 46.2
 170 26.3 21.2 31.8



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: 44.53 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

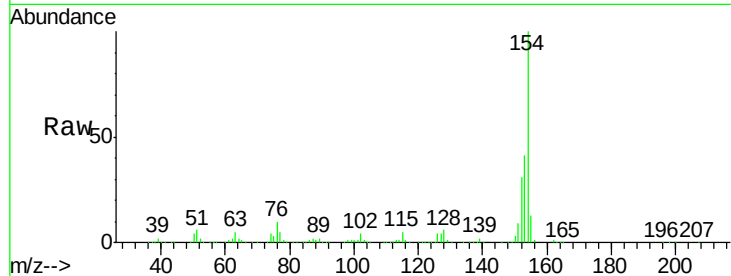
Tgt Ion:154 Resp: 1357888

Ion Ratio Lower Upper

154 100

153 41.4 22.0 62.0

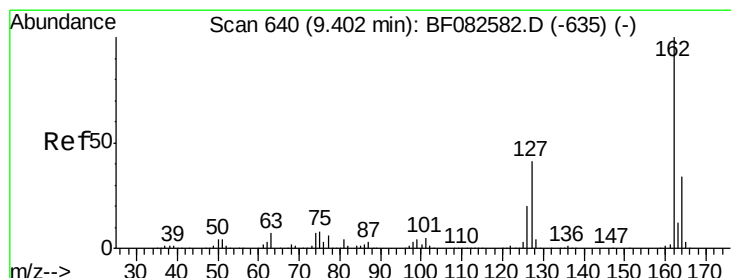
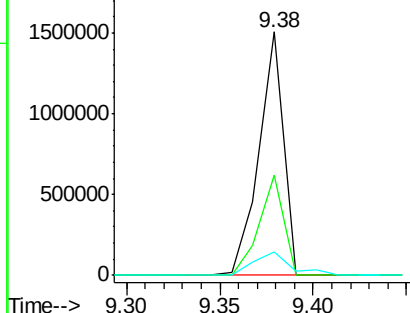
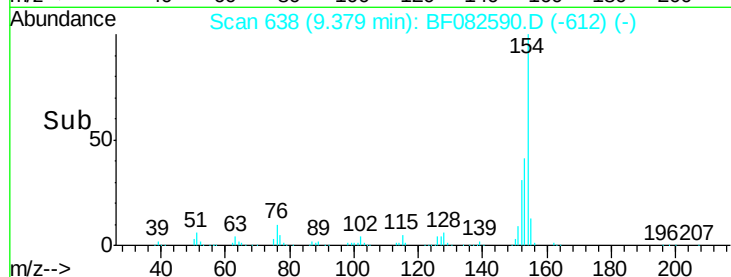
76 9.6 0.0 29.0



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: 43.65 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

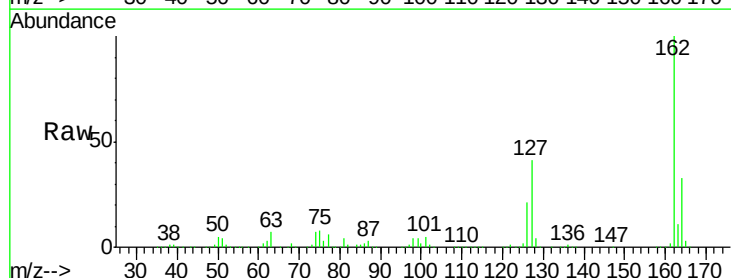
Tgt Ion:162 Resp: 1039192

Ion Ratio Lower Upper

162 100

127 40.8 32.7 49.1

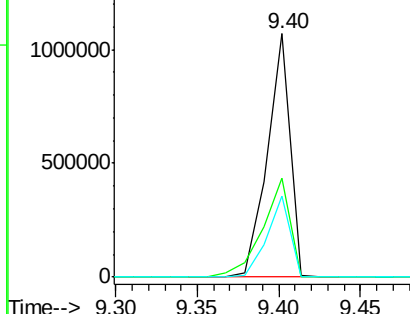
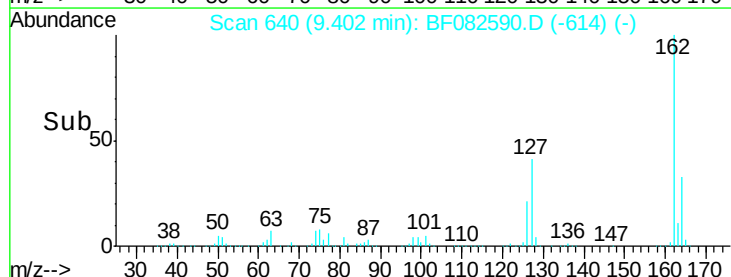
164 33.5 27.4 41.0

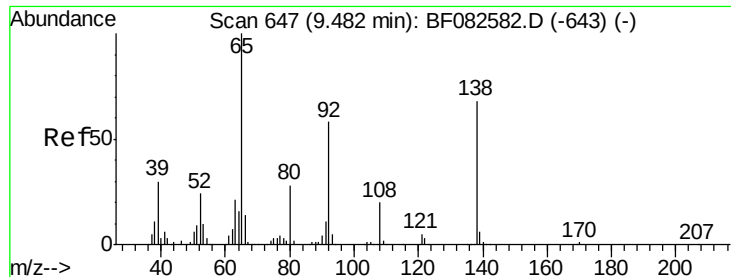


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

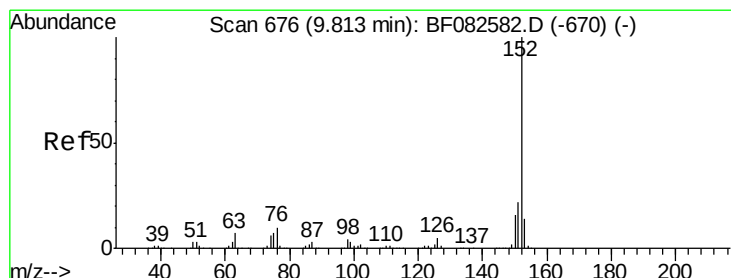
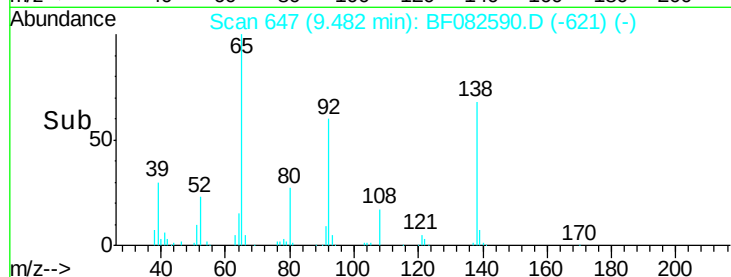
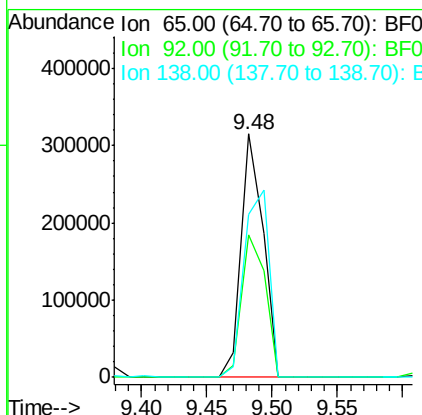
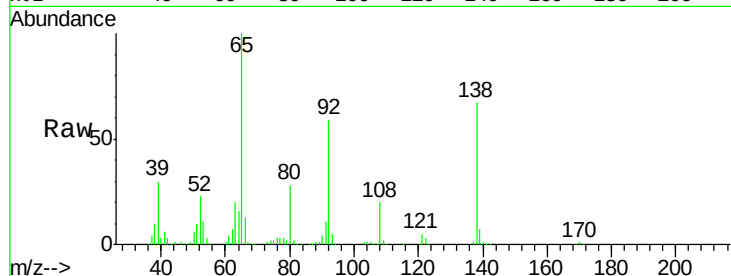




#47
2-Nitroaniline
Concen: 39.59 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

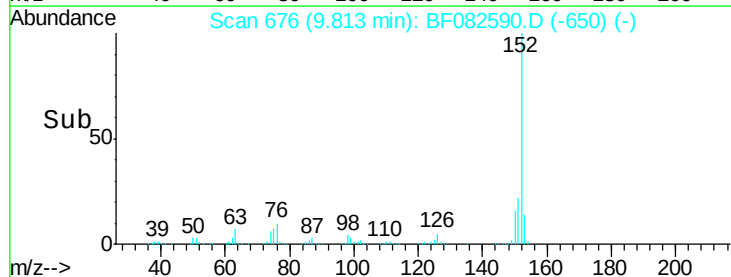
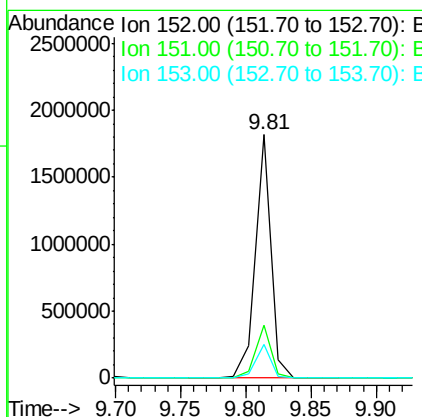
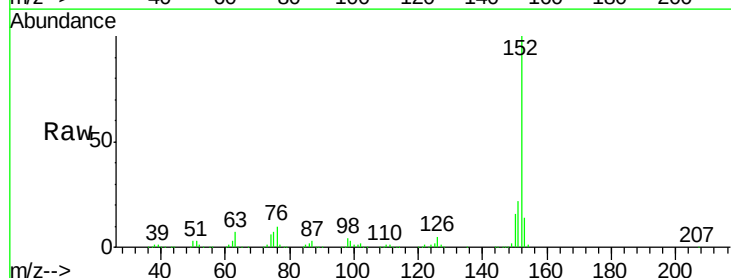
Instrument :
BNA_F
ClientSampleId :
ICVBF103015

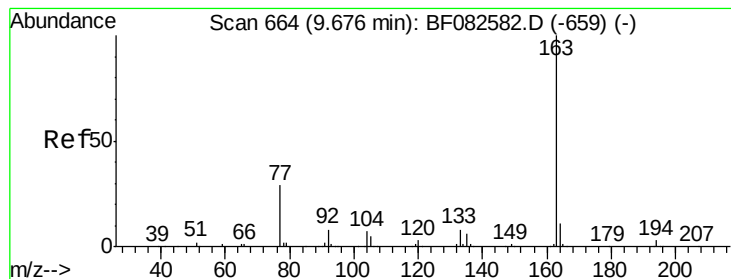
Tgt Ion: 65 Resp: 366429
Ion Ratio Lower Upper
65 100
92 58.6 46.6 70.0
138 66.7 54.6 81.8



#48
Acenaphthylene
Concen: 39.90 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

Tgt Ion: 152 Resp: 1519383
Ion Ratio Lower Upper
152 100
151 21.8 17.3 25.9
153 13.9 11.3 16.9





#49

Dimethylphthalate

Concen: 36.27 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

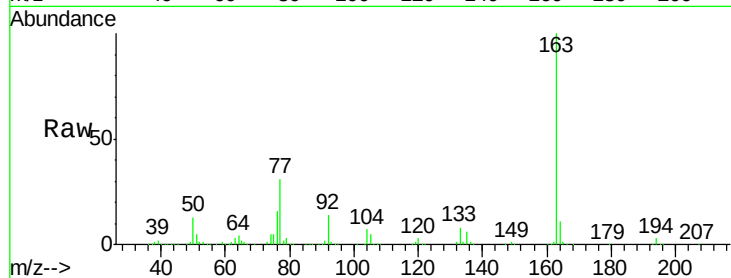
Tgt Ion:163 Resp: 1069379

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

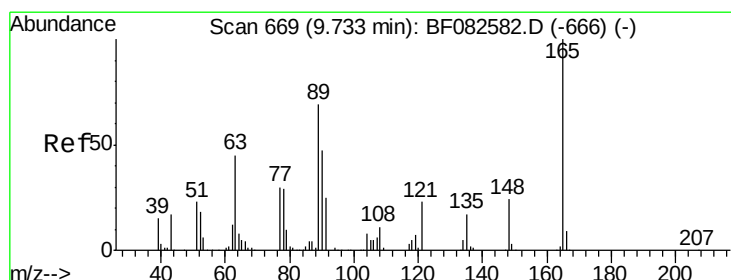
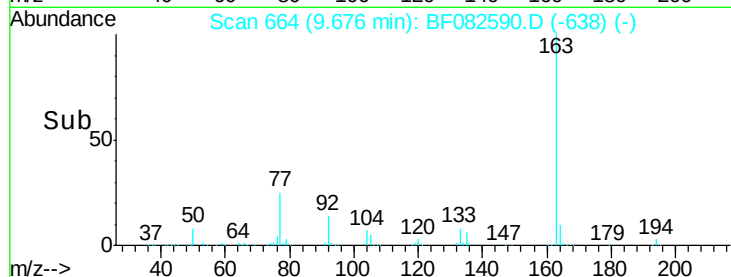
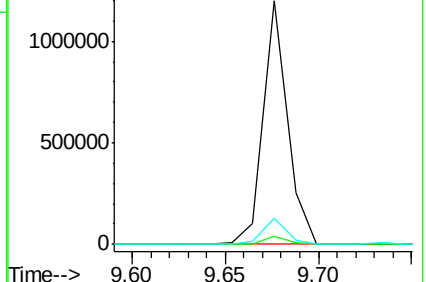
164 10.5 8.7 13.1



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: 41.94 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

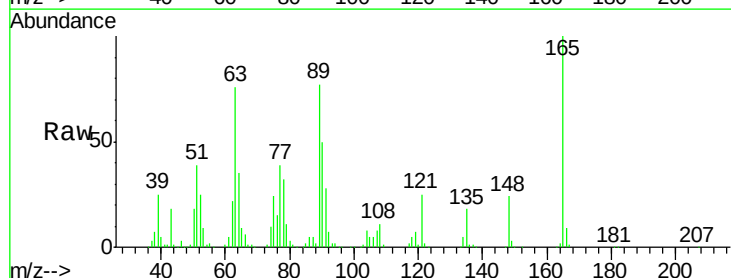
Tgt Ion:165 Resp: 256268

Ion Ratio Lower Upper

165 100

63 76.1 55.5 83.3

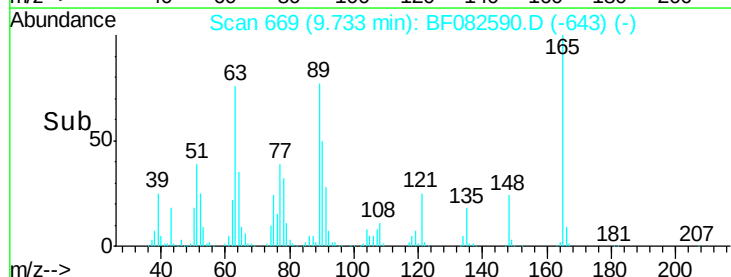
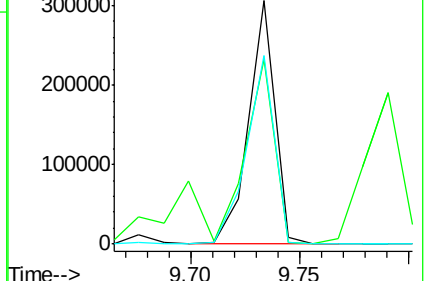
89 77.4 55.0 82.6

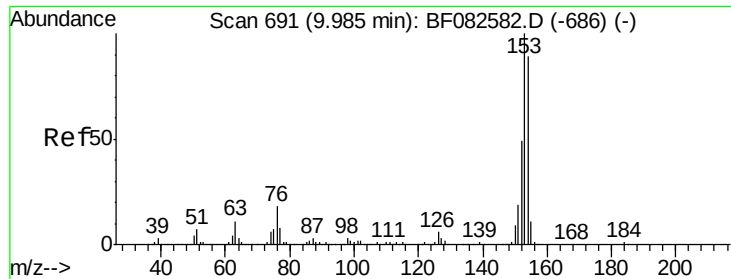


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.80 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

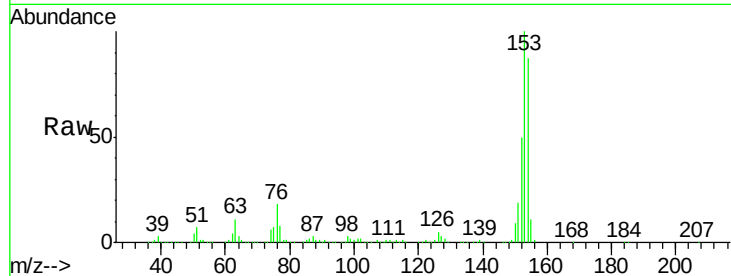
Tgt Ion:154 Resp: 913725

Ion Ratio Lower Upper

154 100

153 115.1 90.1 135.1

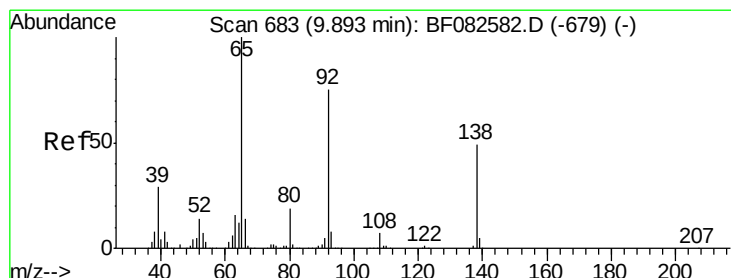
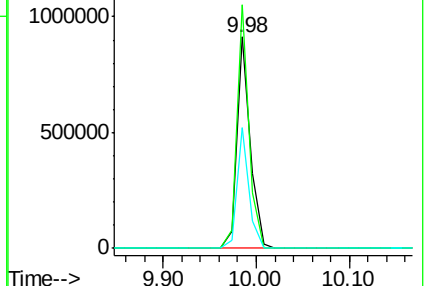
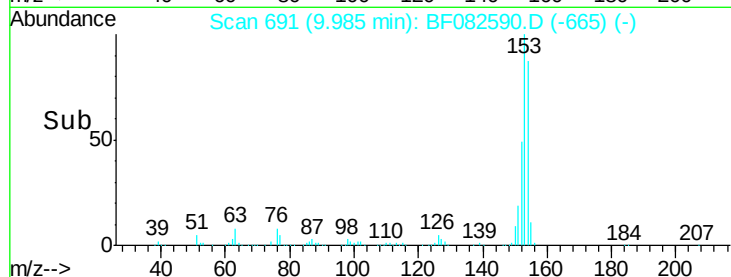
152 57.2 44.3 66.5



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: 42.39 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

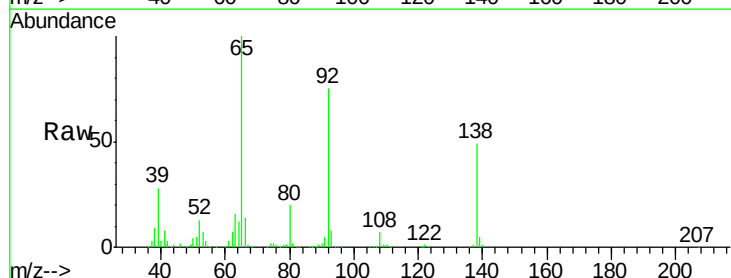
Tgt Ion:138 Resp: 288169

Ion Ratio Lower Upper

138 100

108 13.2 11.3 16.9

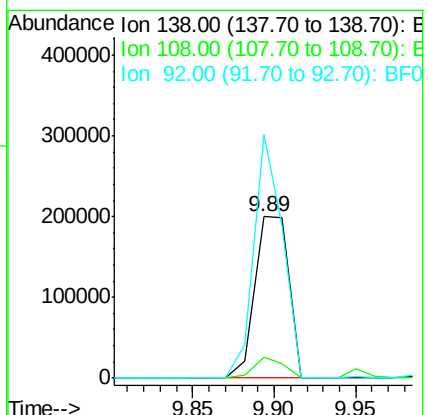
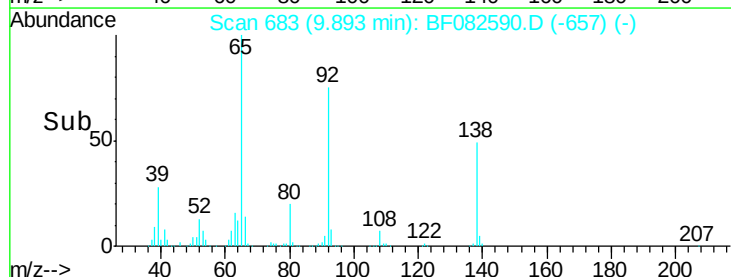
92 151.0 122.4 183.6

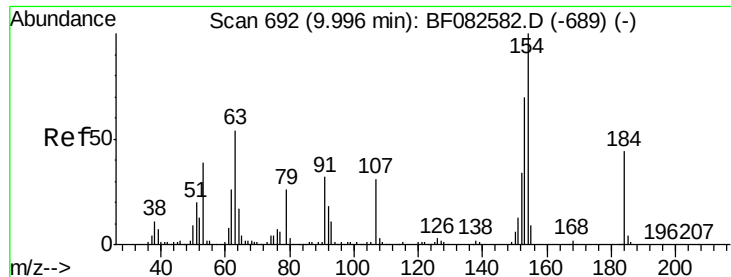


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

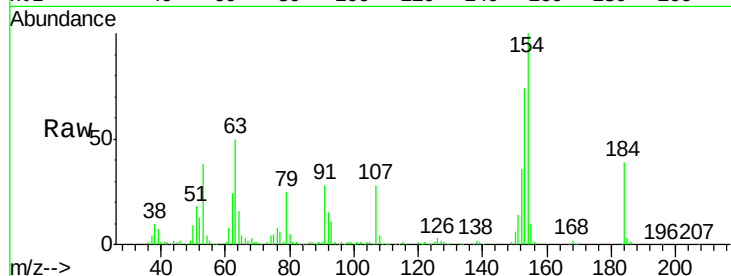




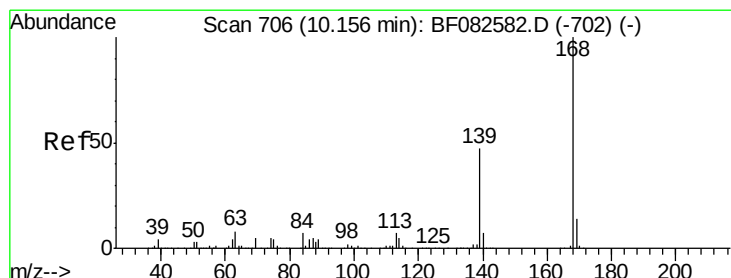
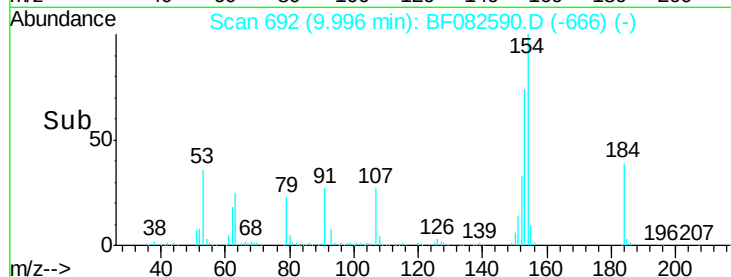
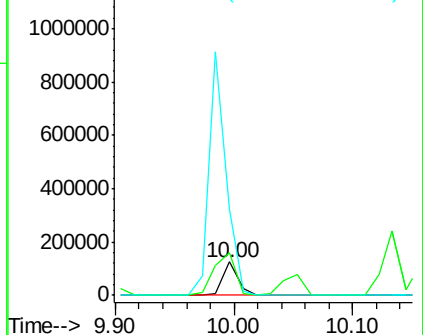
#53
2,4-Dinitrophenol
Concen: 37.26 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

Instrument :
BNA_F
ClientSampleId :
ICVBF103015

Tgt Ion:184 Resp: 108579
Ion Ratio Lower Upper
184 100
63 129.0 98.6 148.0
154 259.4 183.9 275.9

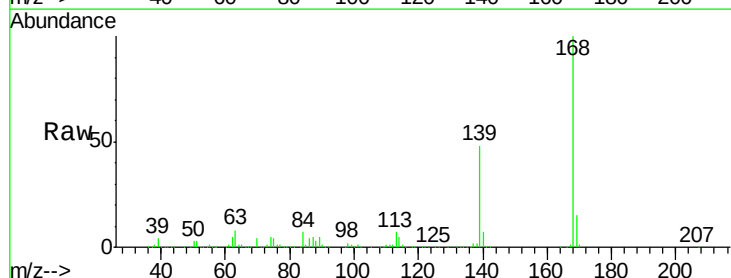


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

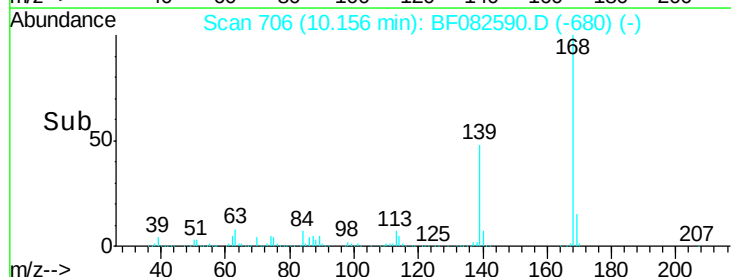
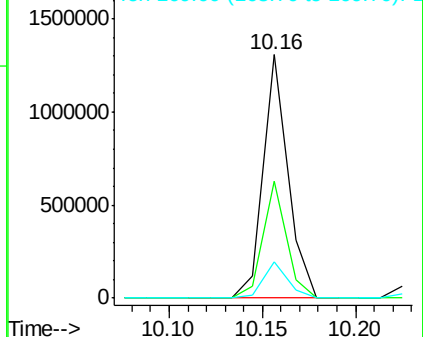


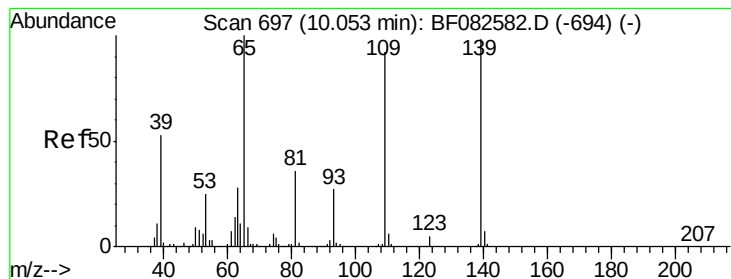
#54
Dibenzofuran
Concen: 36.38 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

Tgt Ion:168 Resp: 1193519
Ion Ratio Lower Upper
168 100
139 48.0 37.8 56.6
169 14.7 11.3 16.9



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: 47.74 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

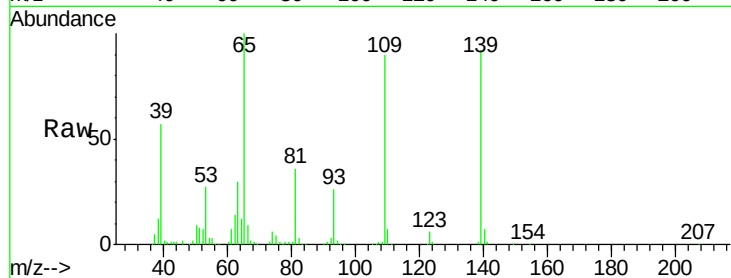
Tgt Ion:139 Resp: 244200

Ion Ratio Lower Upper

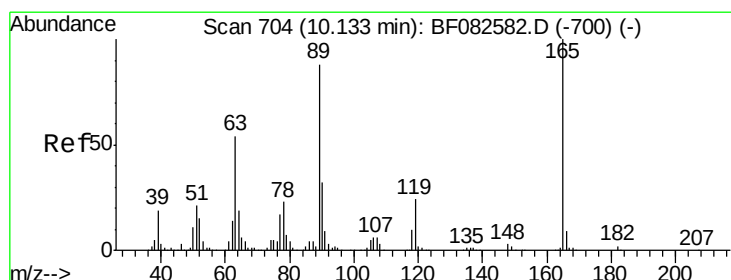
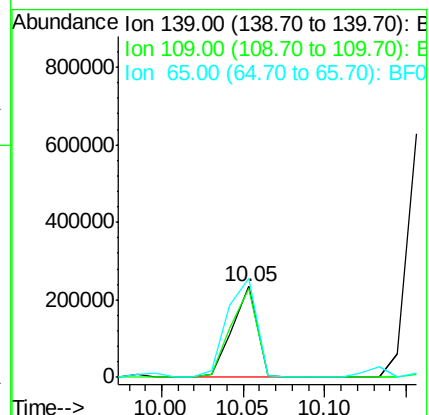
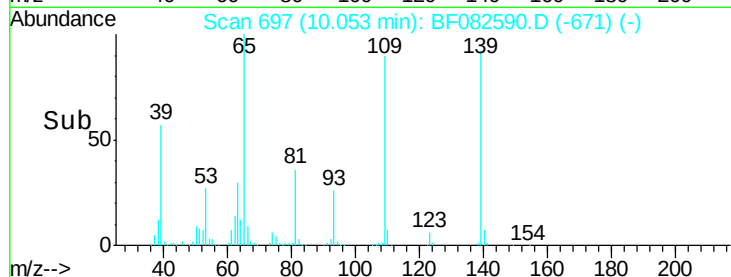
139 100

109 97.4 73.7 113.7

65 108.8 82.9 122.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.14 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Tgt Ion:165 Resp: 348251

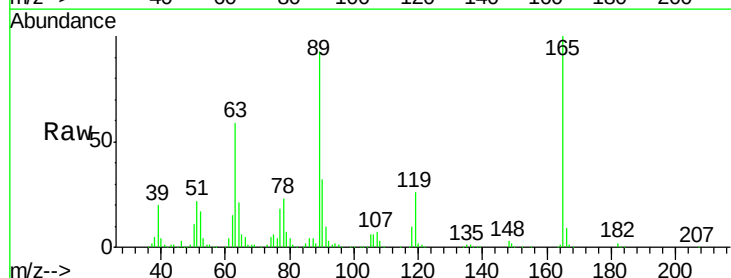
Ion Ratio Lower Upper

165 100

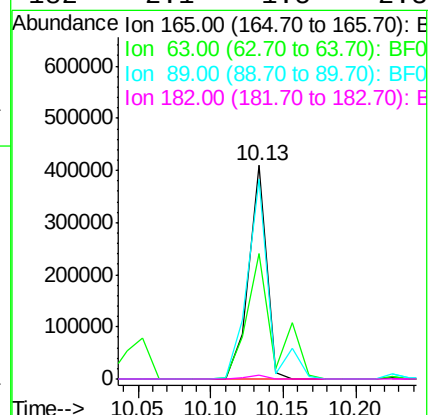
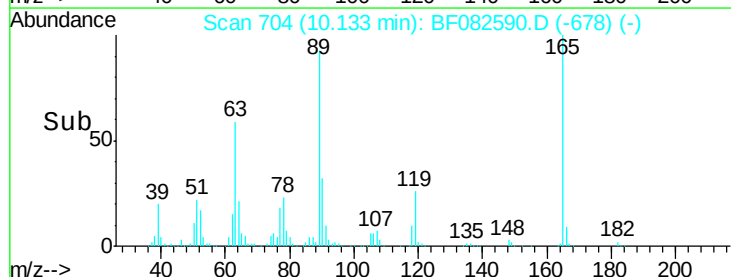
63 58.5 43.4 65.0

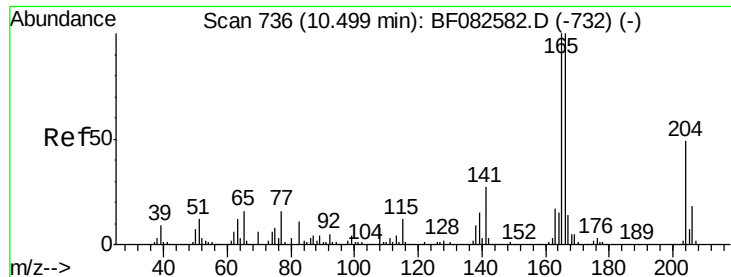
89 93.4 70.6 106.0

182 2.1 1.5 2.3



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.18 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

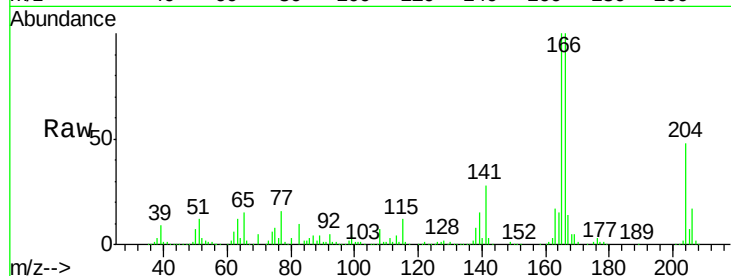
Tgt Ion:166 Resp: 1010186

Ion Ratio Lower Upper

166 100

165 99.6 80.2 120.4

167 14.3 11.2 16.8

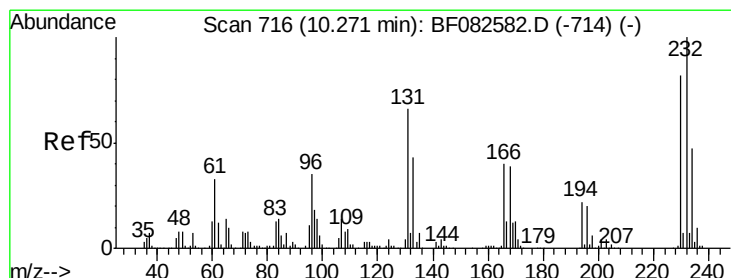
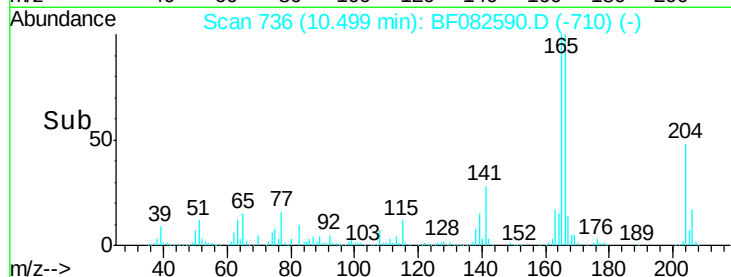
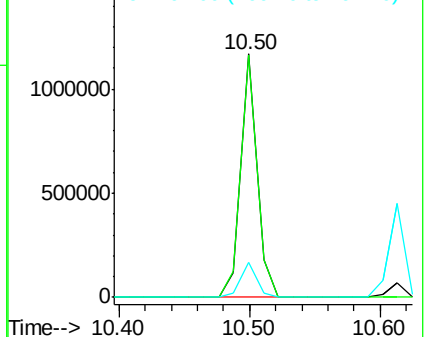


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.86 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Tgt Ion:232 Resp: 277274

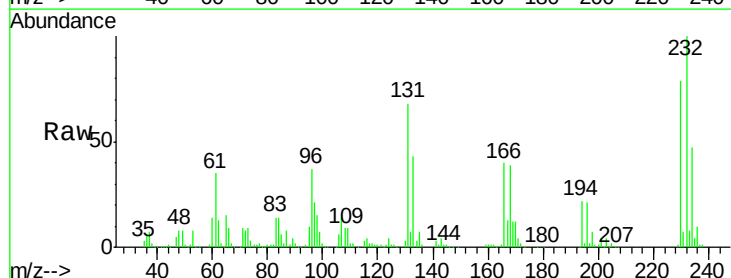
Ion Ratio Lower Upper

232 100

131 57.3 46.2 69.2

130 2.8 2.4 3.6

166 35.0 28.2 42.2



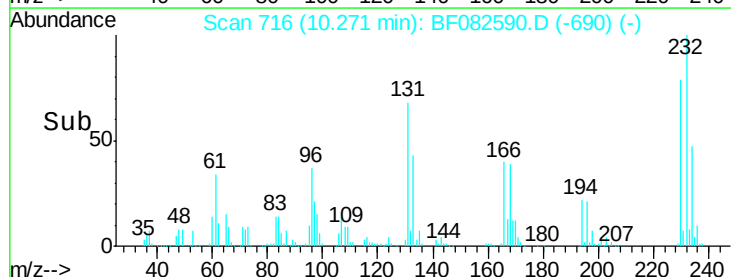
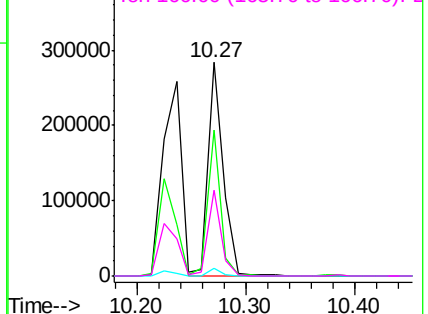
Abundance

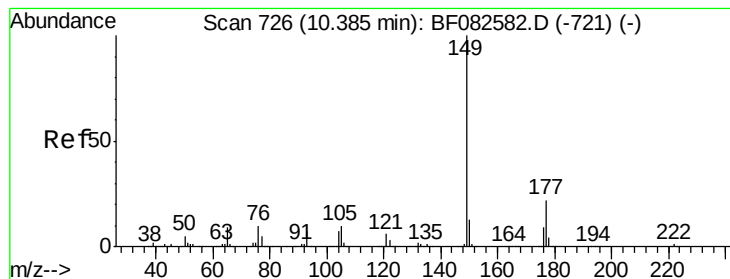
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.05 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

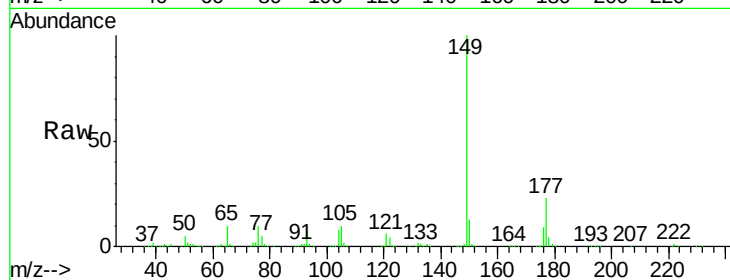
Tgt Ion:149 Resp: 1232115

Ion Ratio Lower Upper

149 100

177 23.2 17.9 26.9

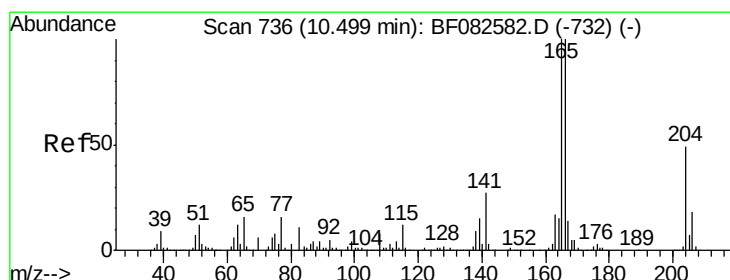
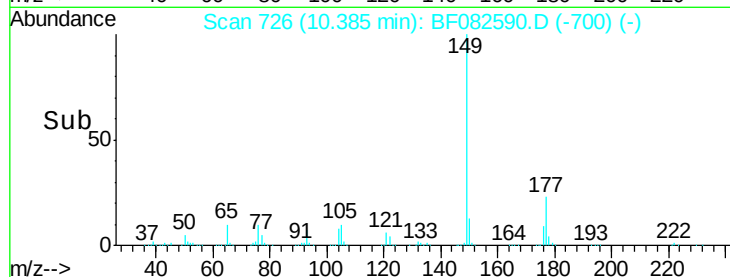
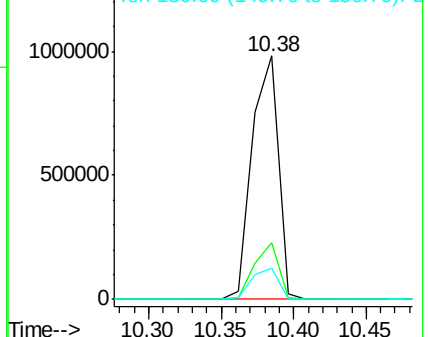
150 12.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.45 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

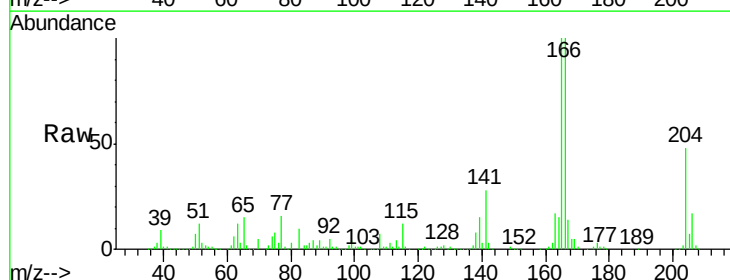
Tgt Ion:204 Resp: 533174

Ion Ratio Lower Upper

204 100

206 35.2 28.5 42.7

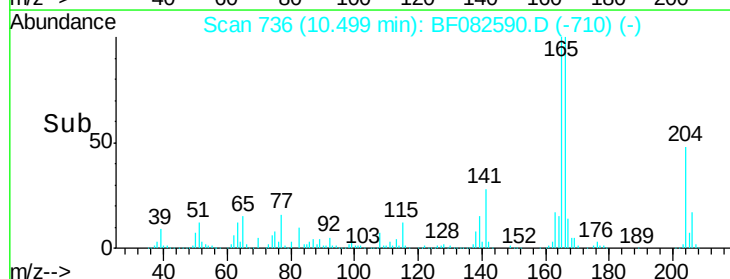
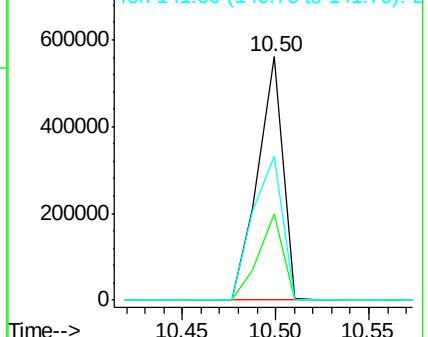
141 58.9 44.6 66.8

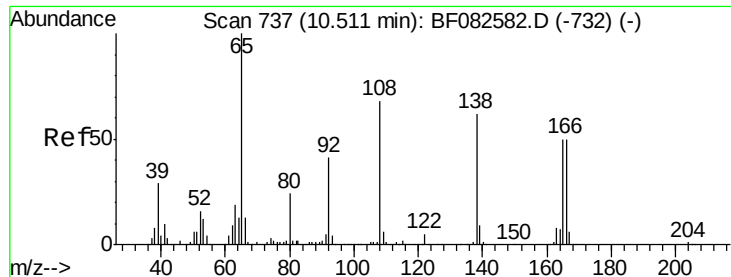


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

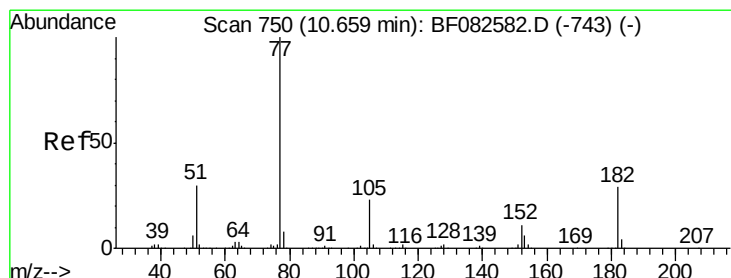
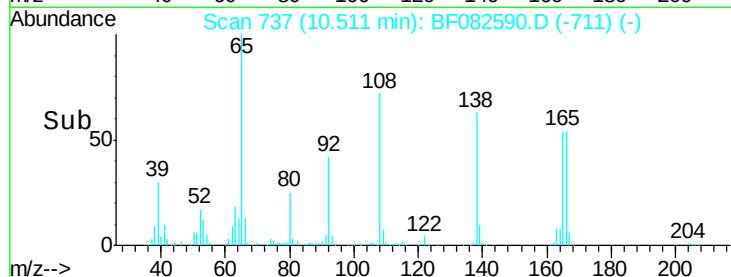
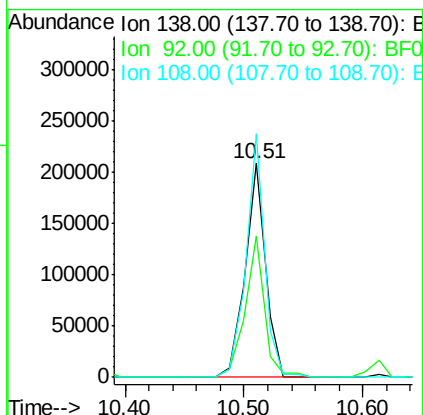
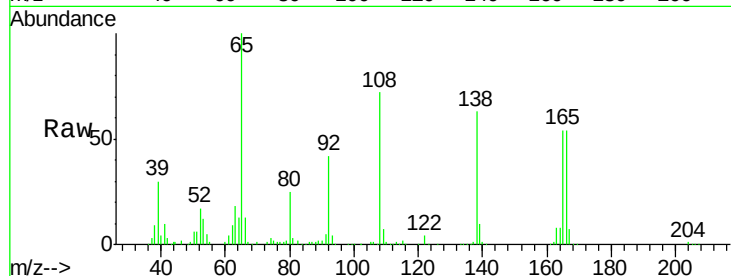




#61
4-Nitroaniline
Concen: 38.81 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

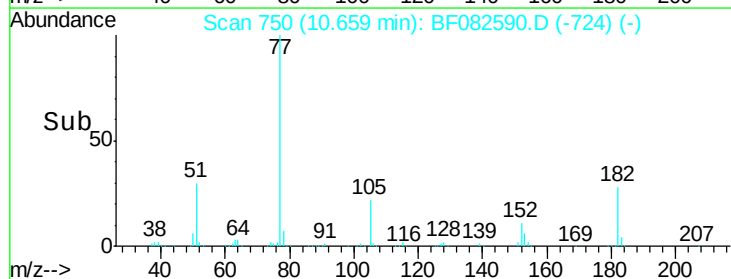
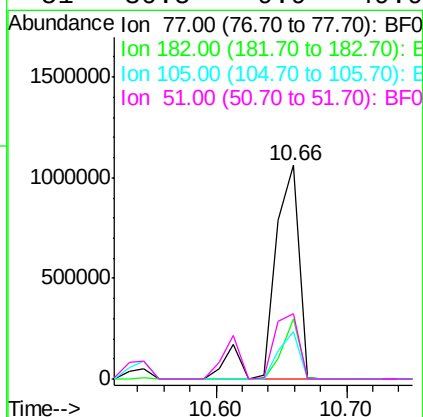
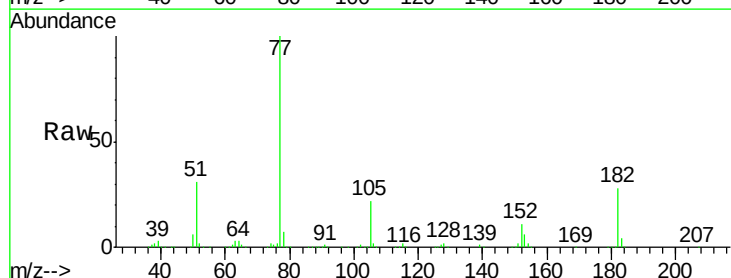
Instrument :
BNA_F
ClientSampleId :
ICVBF103015

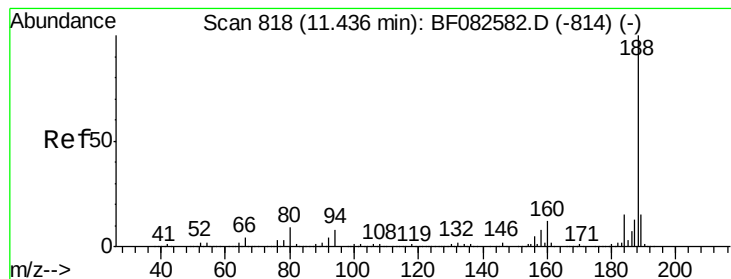
Tgt Ion:138 Resp: 251805
Ion Ratio Lower Upper
138 100
92 66.4 45.8 85.8
108 113.9 89.4 129.4



#62
Azobenzene
Concen: 42.49 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

Tgt Ion: 77 Resp: 1438020
Ion Ratio Lower Upper
77 100
182 28.0 9.3 49.3
105 22.2 2.6 42.6
51 30.5 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

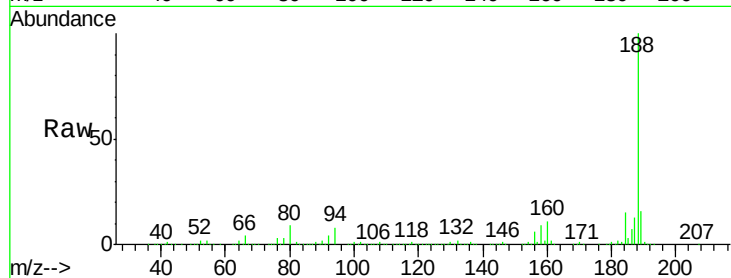
Tgt Ion:188 Resp: 695882

Ion Ratio Lower Upper

188 100

94 7.8 6.1 9.1

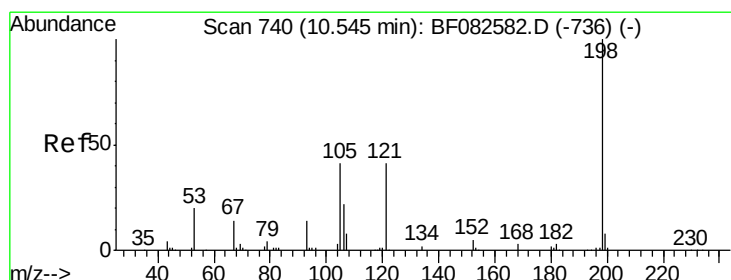
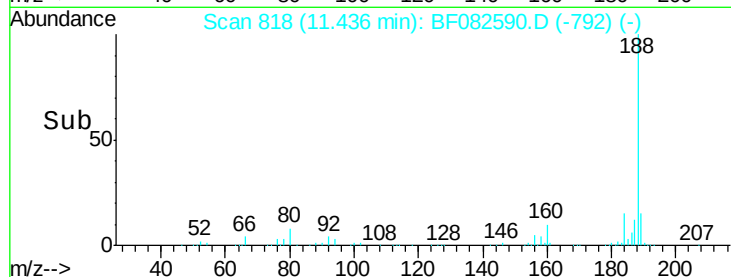
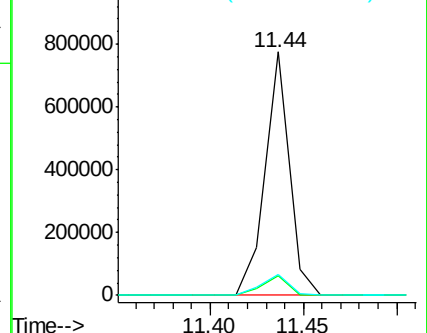
80 8.7 7.0 10.6



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: 49.04 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

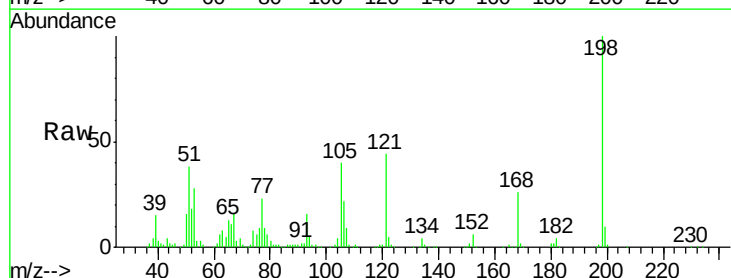
Tgt Ion:198 Resp: 205808

Ion Ratio Lower Upper

198 100

51 38.0 17.3 57.3

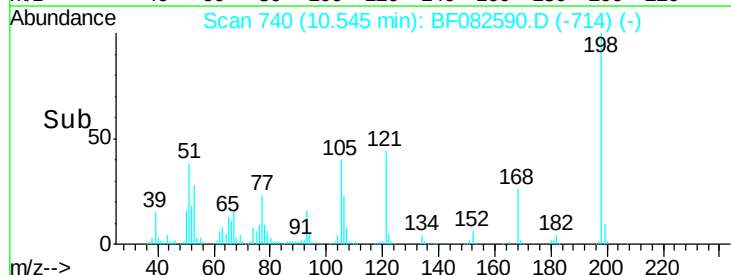
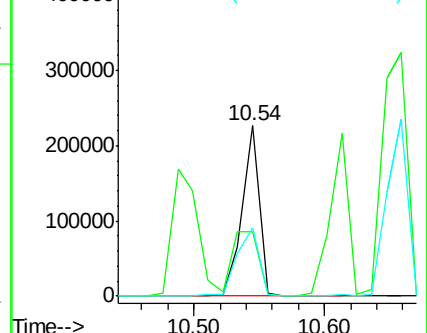
105 40.4 21.7 61.7

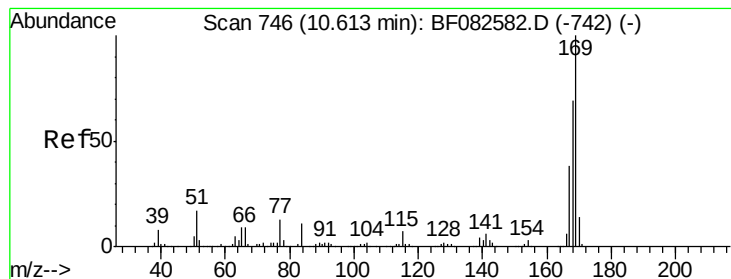


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.73 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

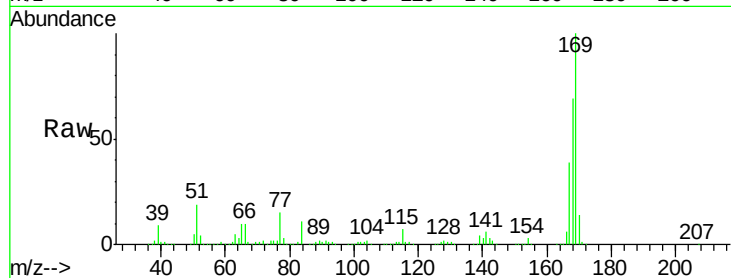
Tgt Ion:169 Resp: 974272

Ion Ratio Lower Upper

169 100

168 69.0 55.0 82.6

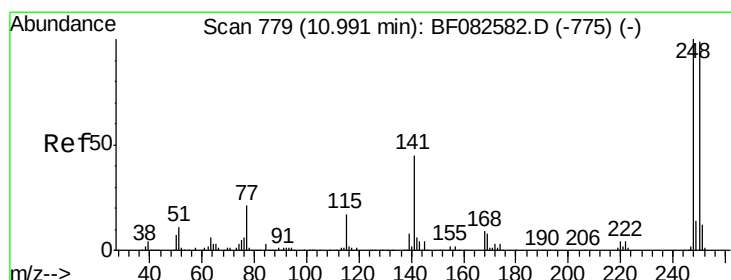
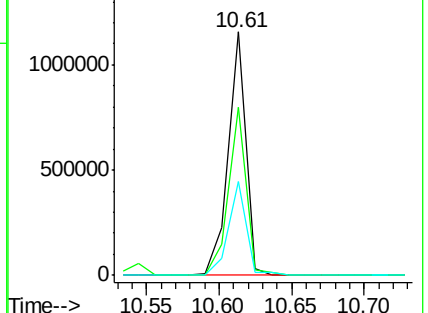
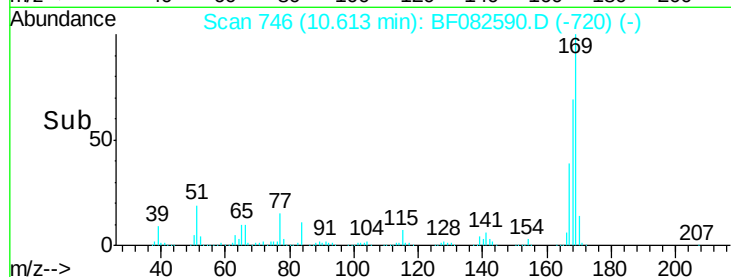
167 38.8 30.5 45.7



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: 40.31 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

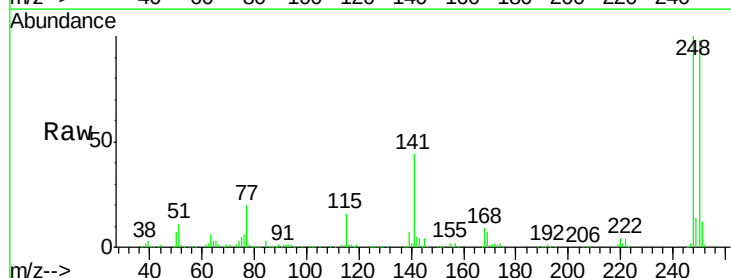
Tgt Ion:248 Resp: 317887

Ion Ratio Lower Upper

248 100

250 98.5 79.4 119.2

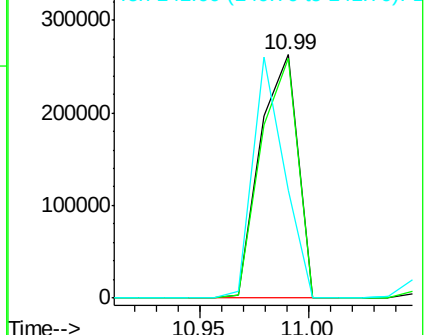
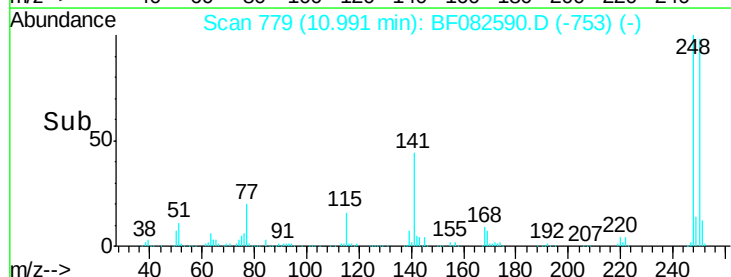
141 44.4 36.3 54.5

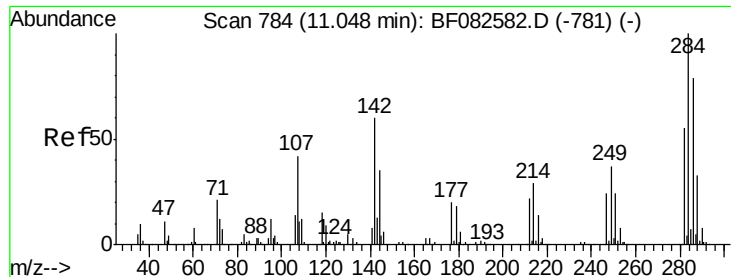


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.36 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

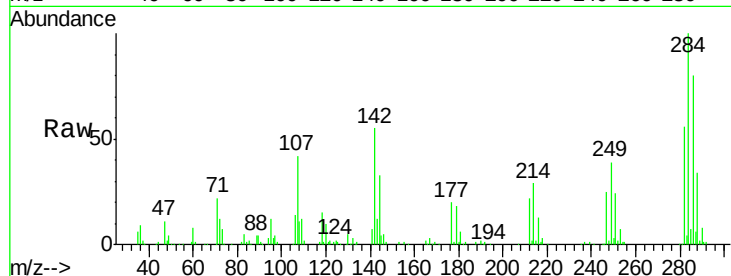
Tgt Ion:284 Resp: 335429

Ion Ratio Lower Upper

284 100

142 55.3 47.9 71.9

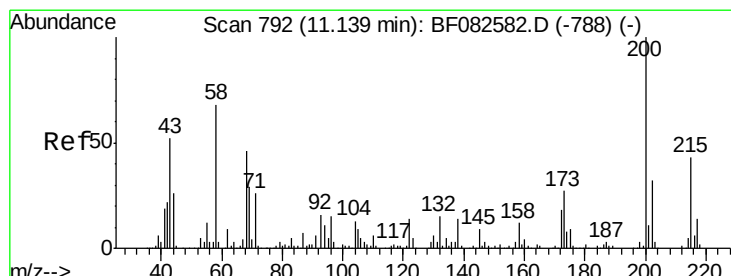
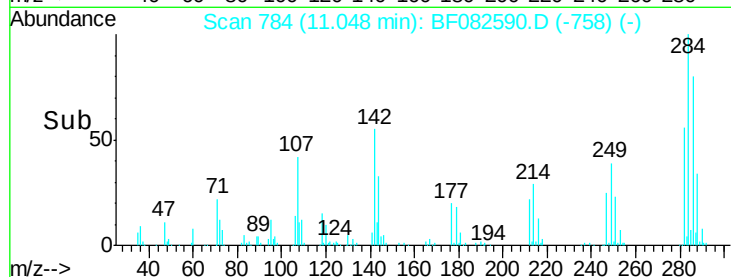
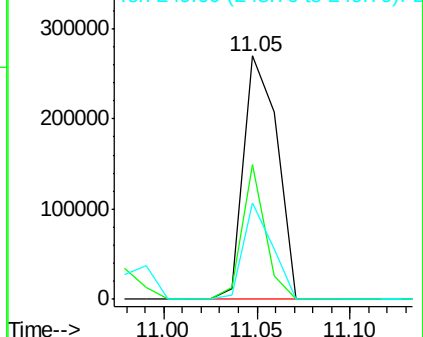
249 39.4 29.7 44.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.74 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

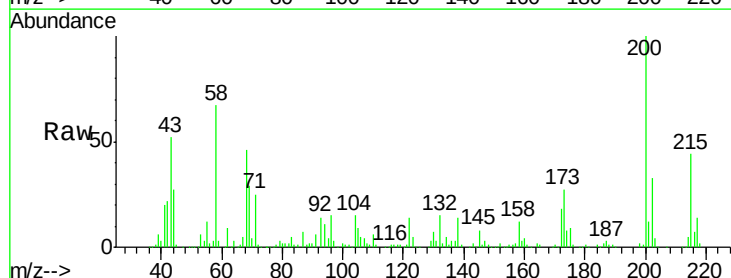
Tgt Ion:200 Resp: 279729

Ion Ratio Lower Upper

200 100

173 26.9 6.9 46.9

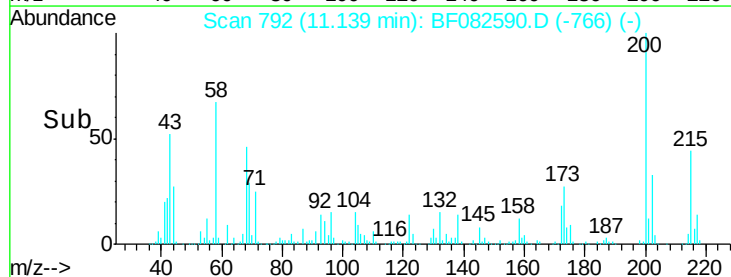
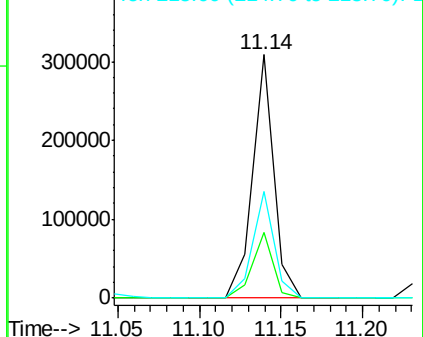
215 43.9 22.9 62.9

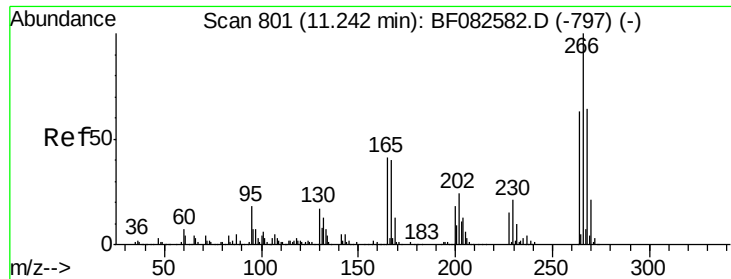


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

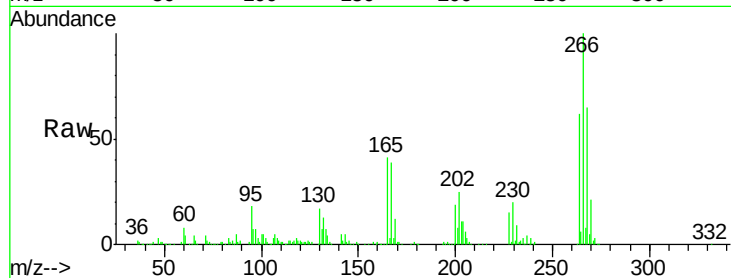




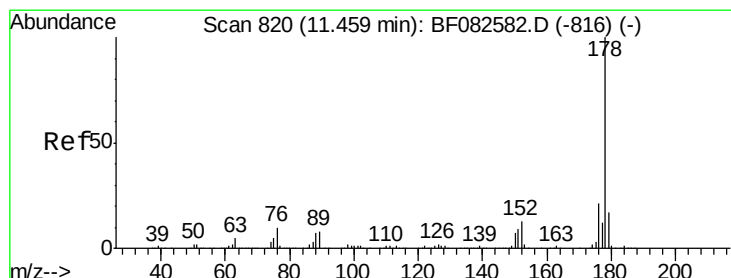
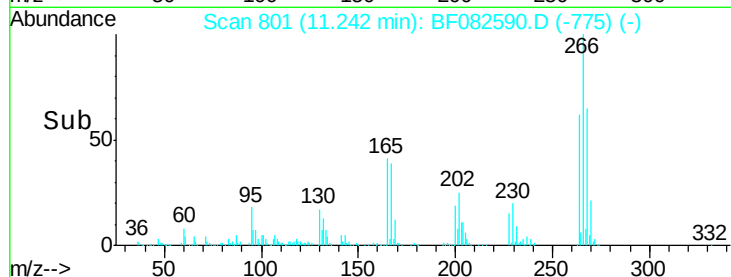
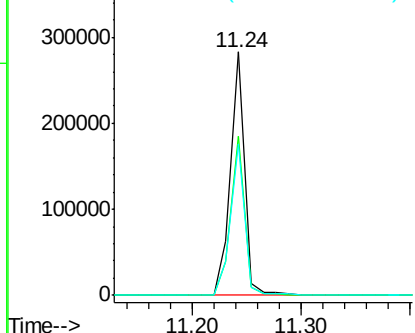
#69
 Pentachlorophenol
 Concen: 44.07 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF103015

Tgt Ion:266 Resp: 254116
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.0 76.6
 264 62.1 50.6 75.8

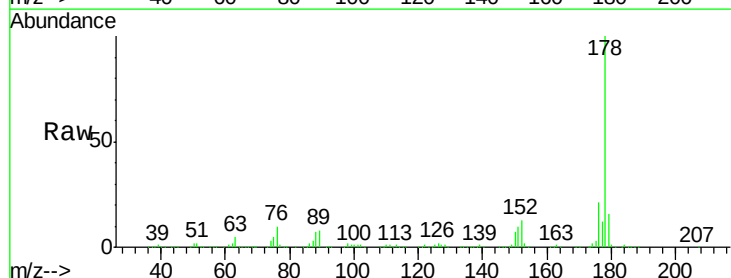


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

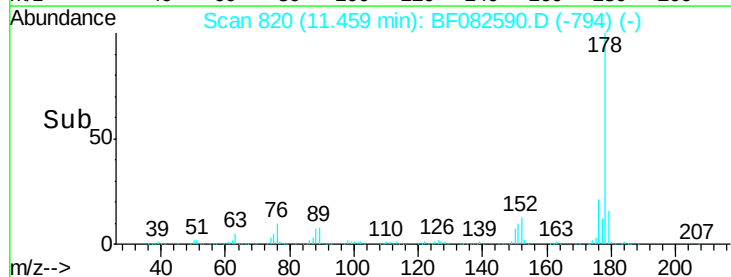
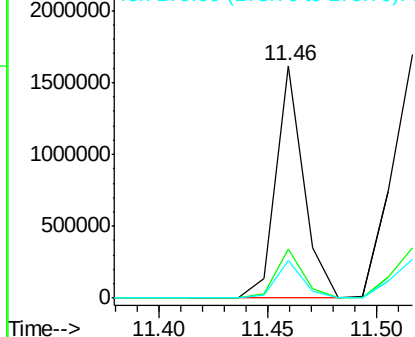


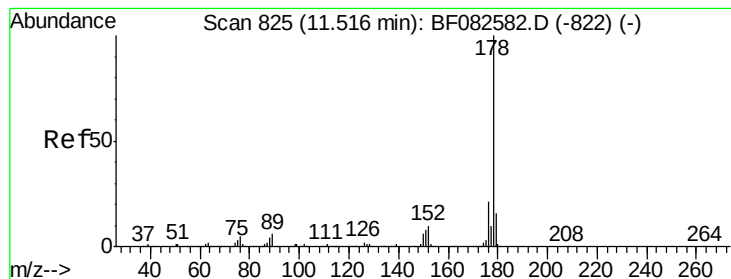
#70
 Phenanthrene
 Concen: 36.74 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

Tgt Ion:178 Resp: 1442166
 Ion Ratio Lower Upper
 178 100
 176 20.9 17.0 25.4
 179 16.3 13.4 20.0



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: 42.86 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

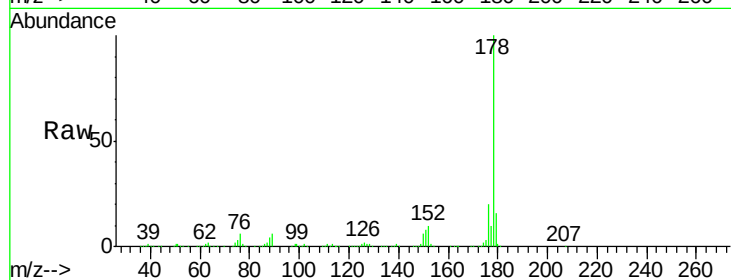
Tgt Ion:178 Resp: 1693798

Ion Ratio Lower Upper

178 100

176 20.4 16.5 24.7

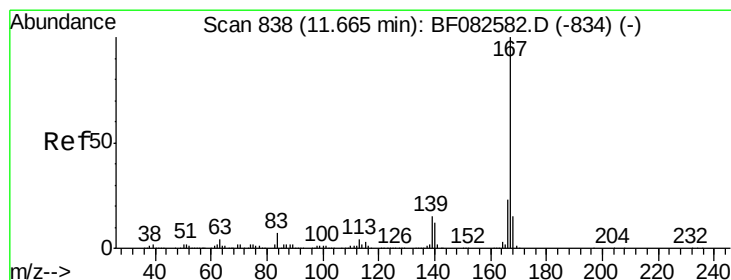
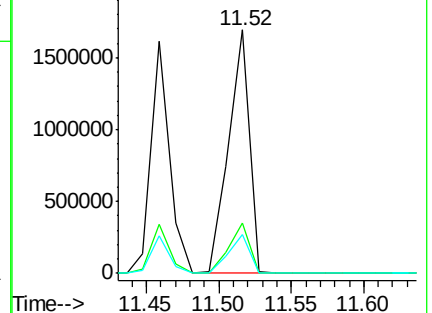
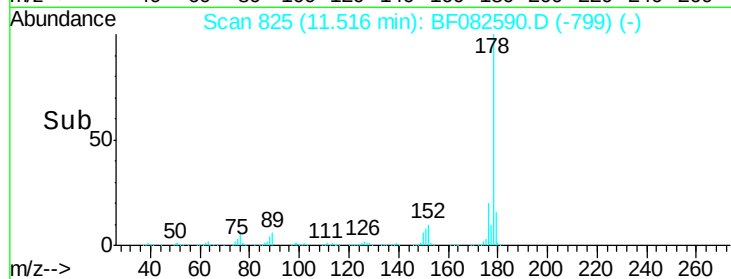
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.87 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

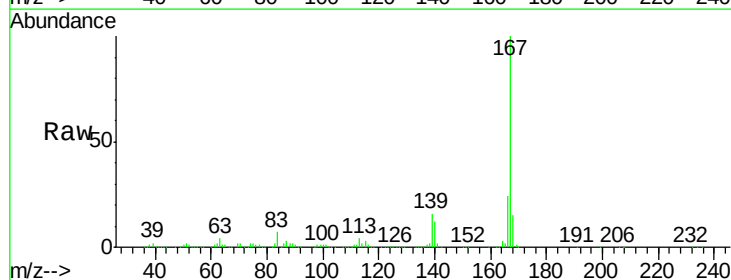
Tgt Ion:167 Resp: 1475726

Ion Ratio Lower Upper

167 100

166 23.7 18.7 28.1

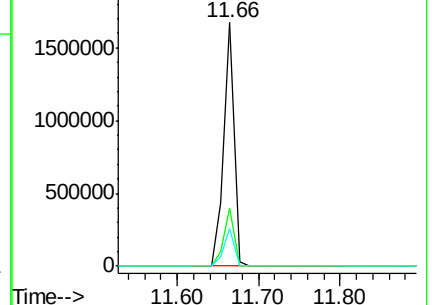
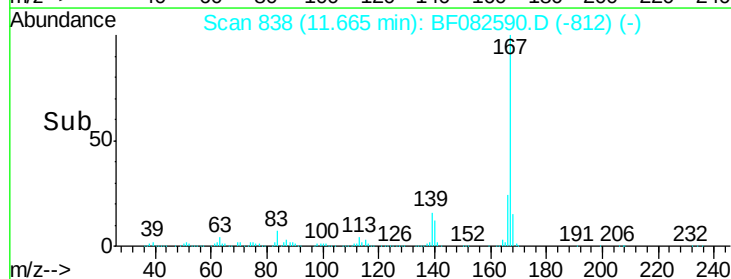
139 15.6 11.8 17.6

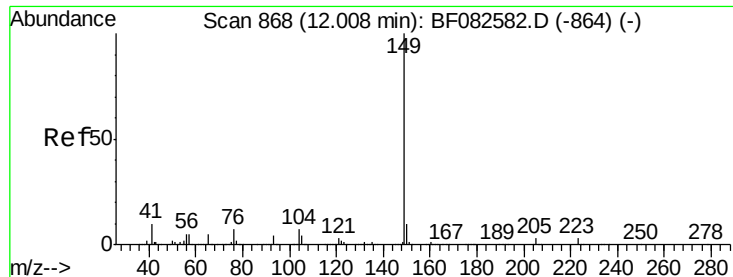


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.16 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

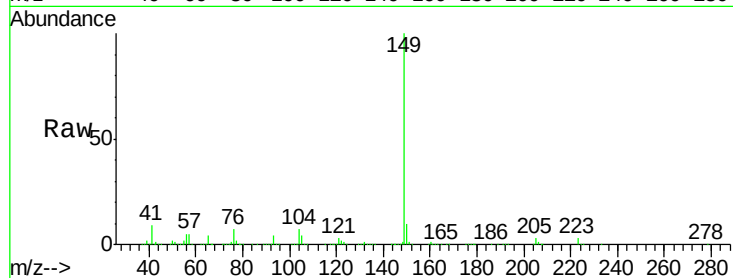
Tgt Ion:149 Resp: 1847551

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

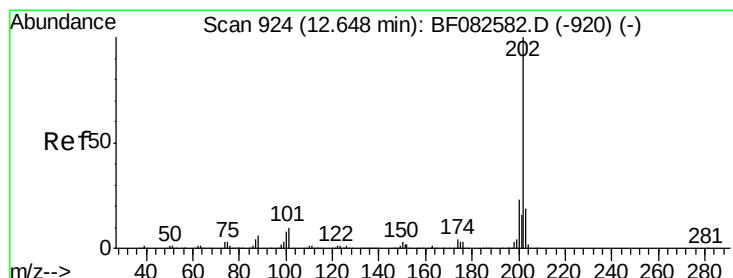
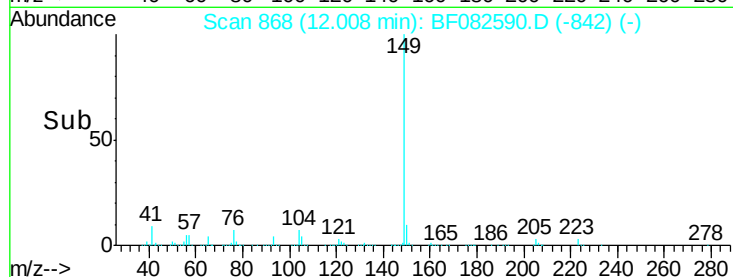
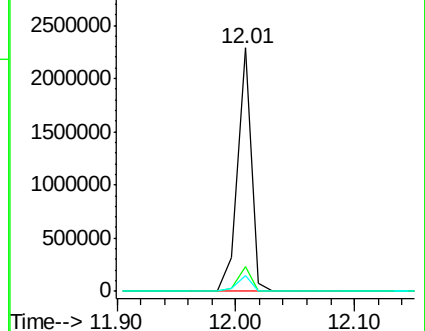
104 6.5 5.2 7.8



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: 38.08 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

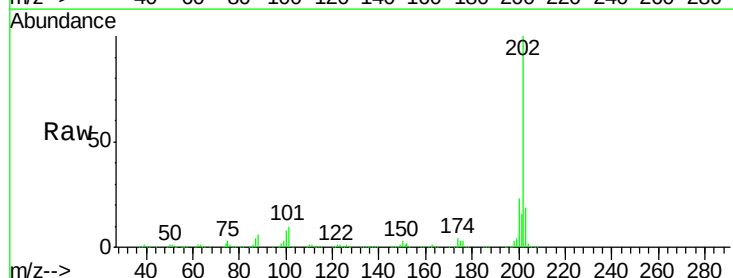
Tgt Ion:202 Resp: 1528077

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.5

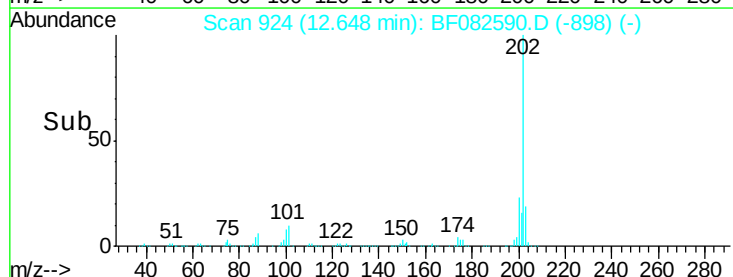
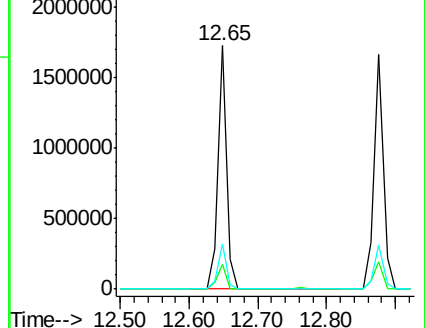
203 18.8 0.0 38.5

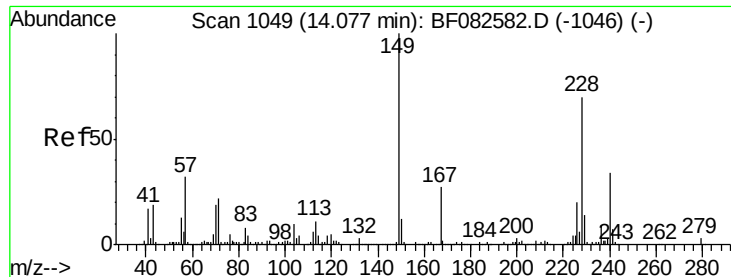


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

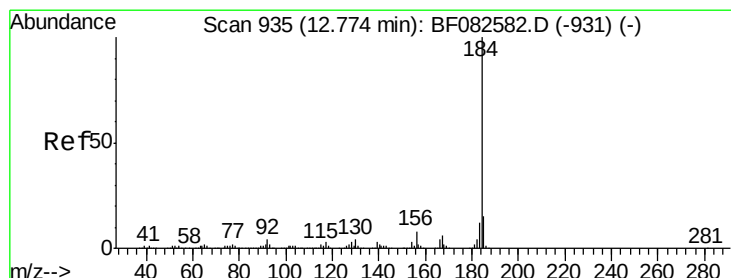
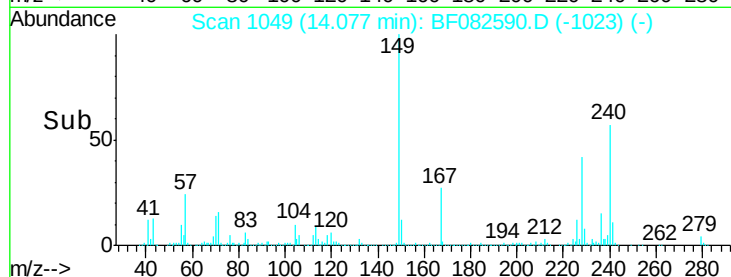
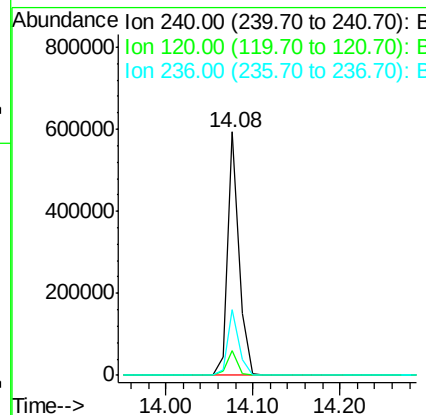
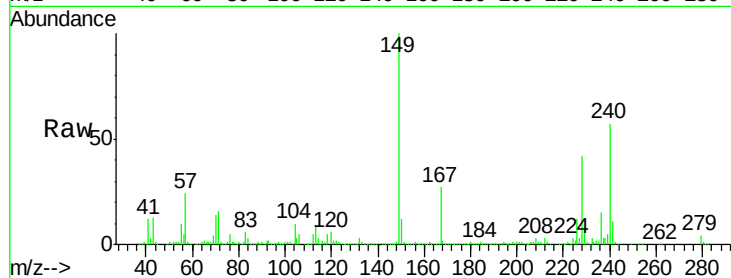
Instrument :

BNA_F

ClientSampleId :

ICVBF103015

Tgt Ion:240 Resp: 550243
 Ion Ratio Lower Upper
 240 100
 120 10.0 10.9 16.3#
 236 26.8 21.6 32.4



#76

Benzidine

Concen: 41.32 ng

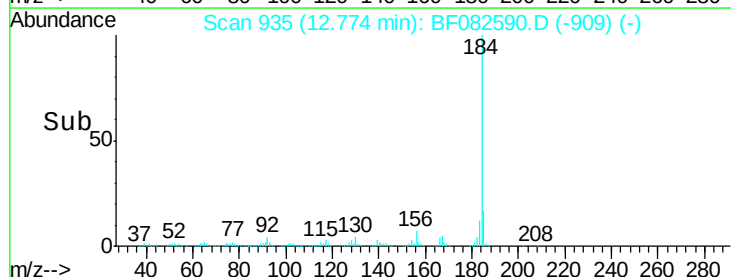
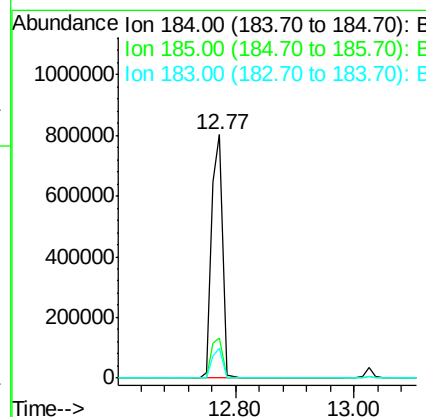
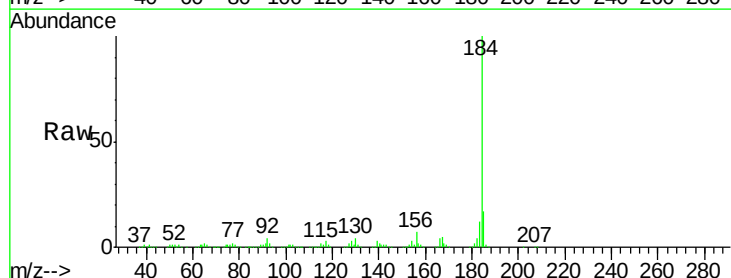
RT: 12.77 min Scan# 935

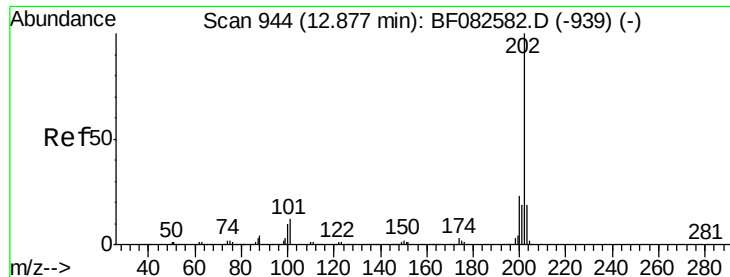
Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Tgt Ion:184 Resp: 1025400
 Ion Ratio Lower Upper
 184 100
 185 16.7 12.0 18.0
 183 12.2 9.6 14.4





#77

Pyrene

Concen: 37.45 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

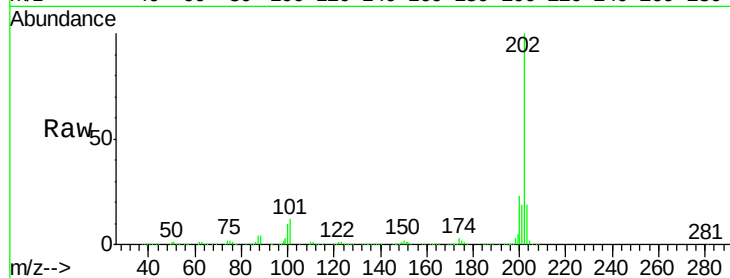
Tgt Ion:202 Resp: 1526058

Ion Ratio Lower Upper

202 100

200 23.1 18.7 28.1

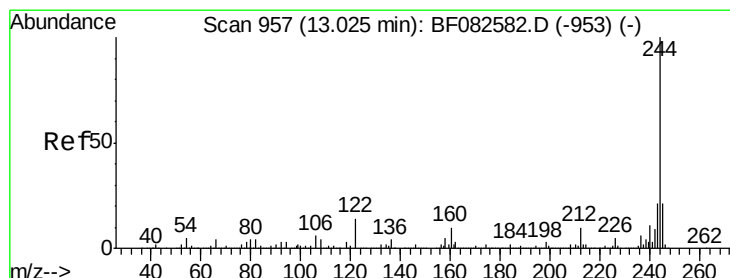
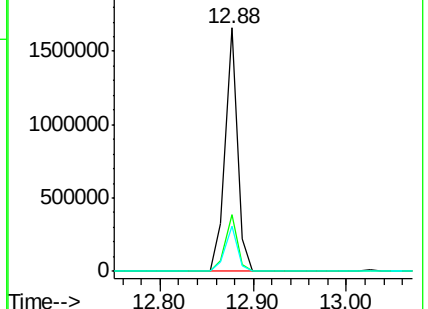
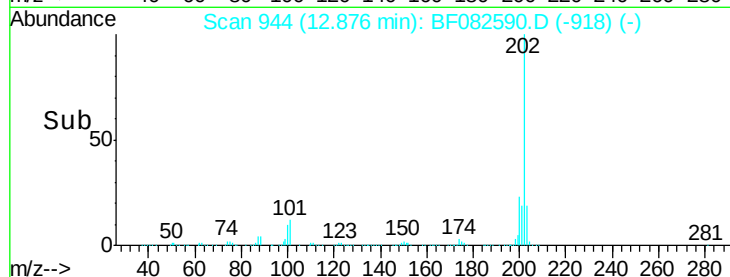
203 18.6 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.21 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

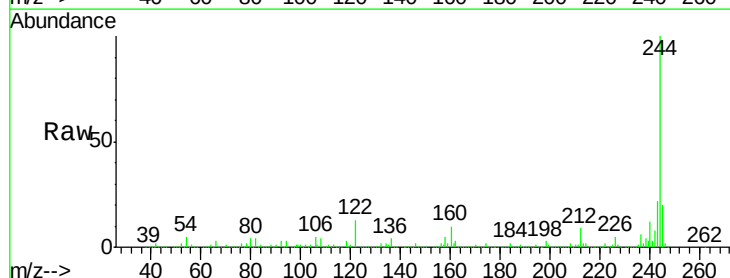
Tgt Ion:244 Resp: 1840601

Ion Ratio Lower Upper

244 100

212 9.4 7.6 11.4

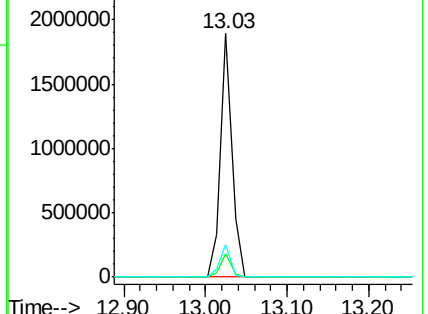
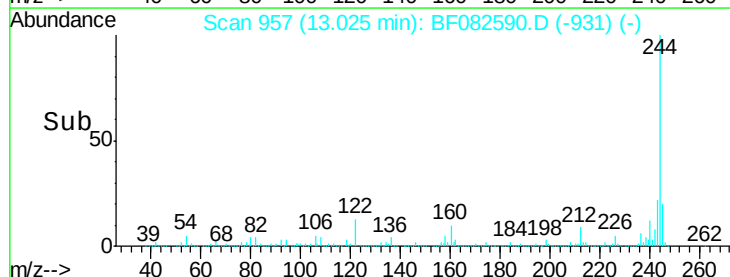
122 13.4 11.3 16.9

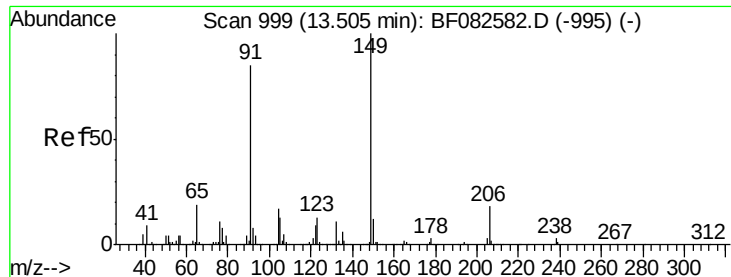


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

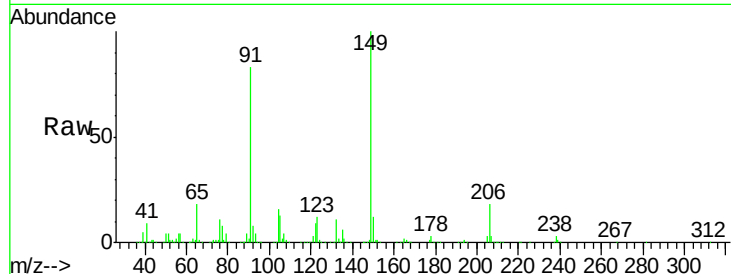




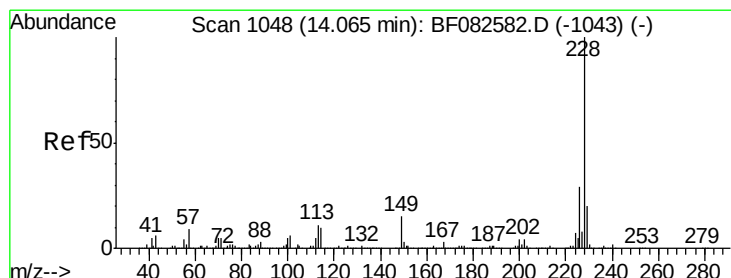
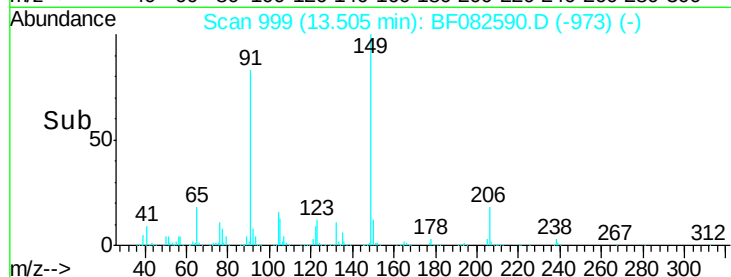
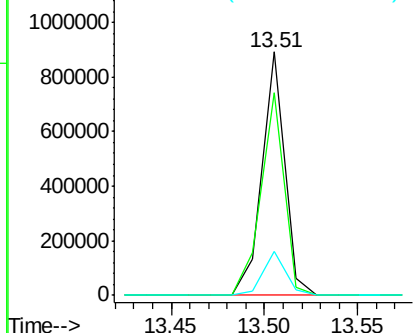
#79
Butylbenzylphthalate
Concen: 41.91 ng
RT: 13.51 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

Instrument :
BNA_F
ClientSampleId :
ICVBF103015

Tgt Ion:149 Resp: 747953
Ion Ratio Lower Upper
149 100
91 83.2 67.7 101.5
206 18.0 14.6 22.0

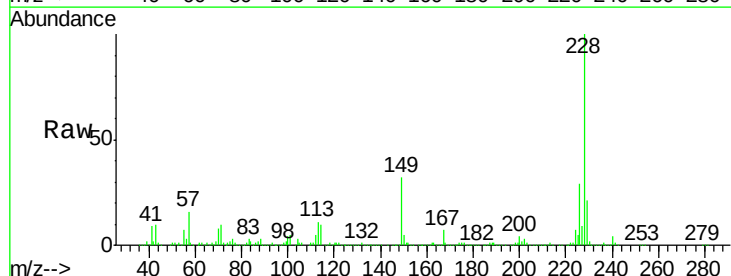


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

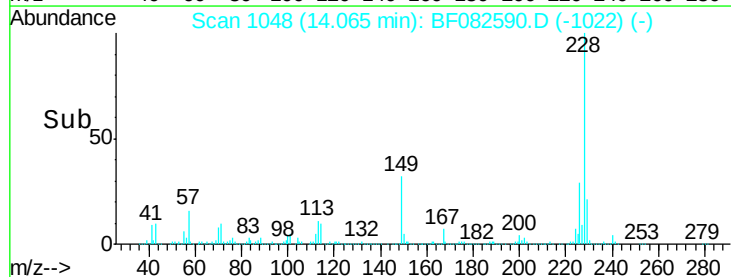
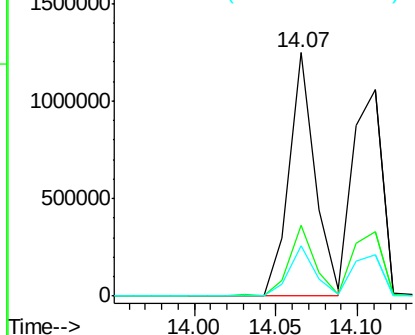


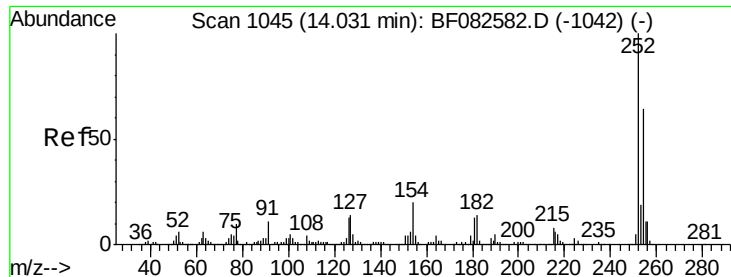
#80
Benzo(a)anthracene
Concen: 39.81 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

Tgt Ion:228 Resp: 1391566
Ion Ratio Lower Upper
228 100
226 29.2 23.4 35.2
229 20.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

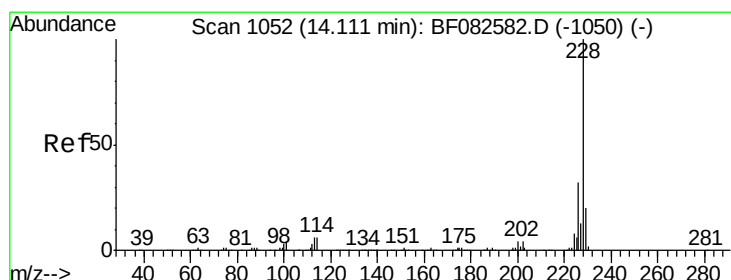
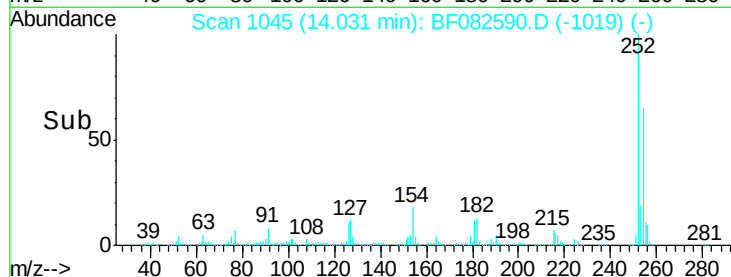
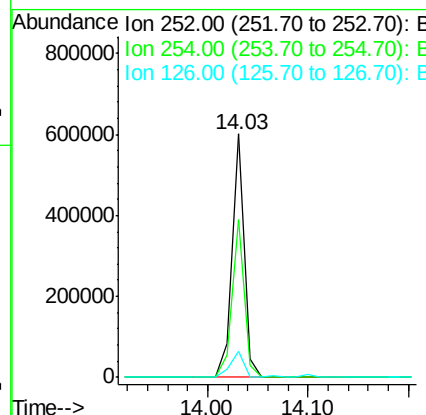
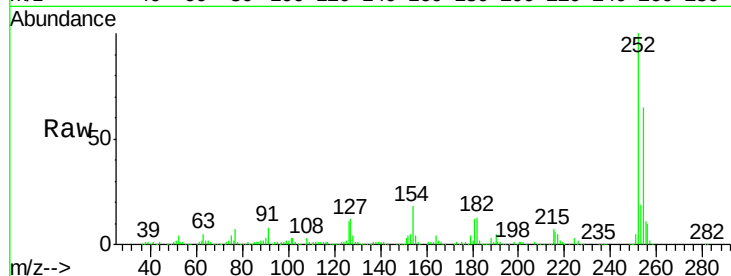




#81
 3,3'-Dichlorobenzidine
 Concen: 41.93 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

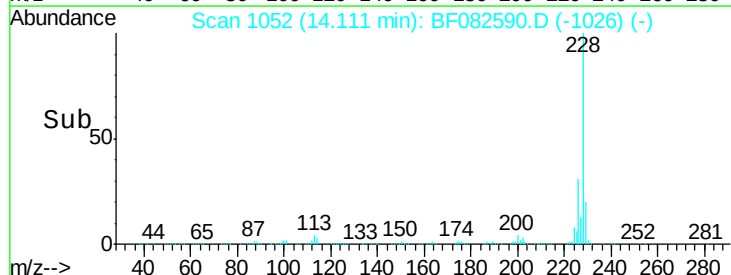
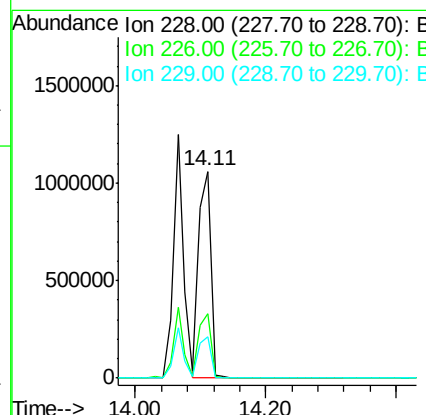
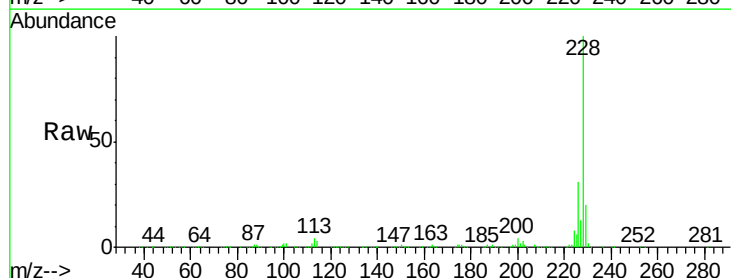
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF103015

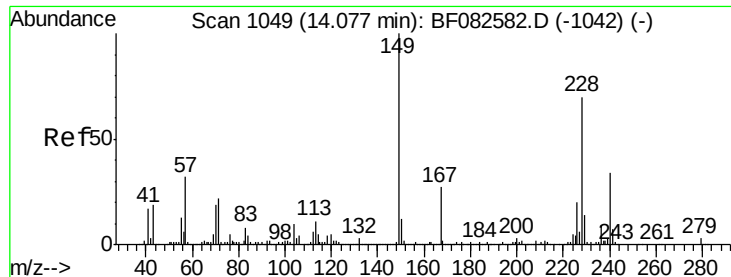
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.4	77.0
126	10.9	10.7	16.1



#82
 Chrysene
 Concen: 42.73 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: BF082590.D
 Acq: 31 Oct 2015 00:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.1	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.80 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

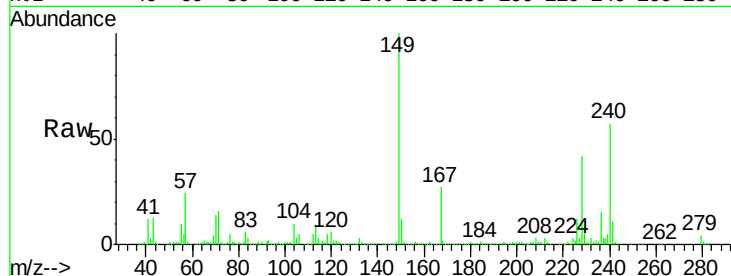
Tgt Ion:149 Resp: 1013346

Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

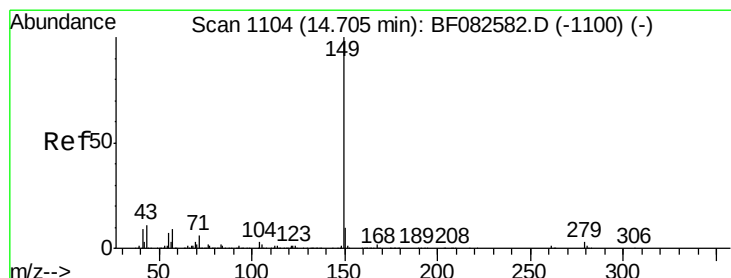
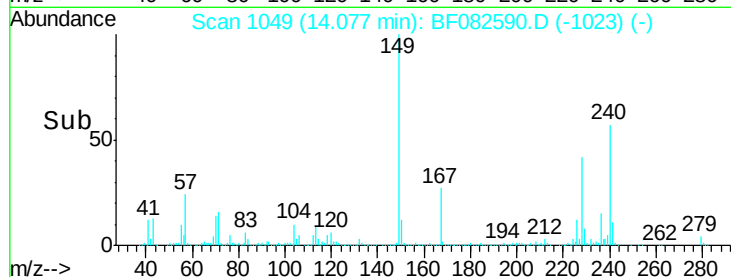
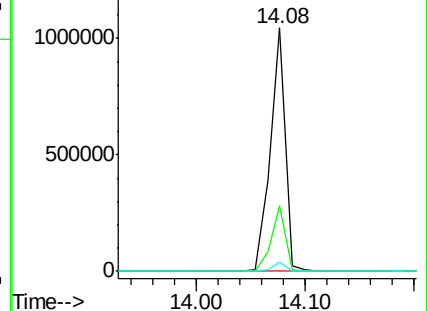
279 3.8 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.87 ng

RT: 14.69 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

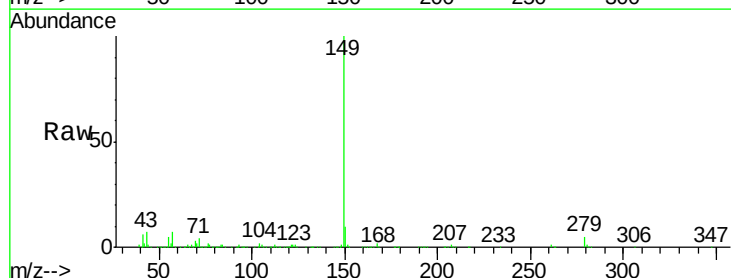
Tgt Ion:149 Resp: 1474778

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

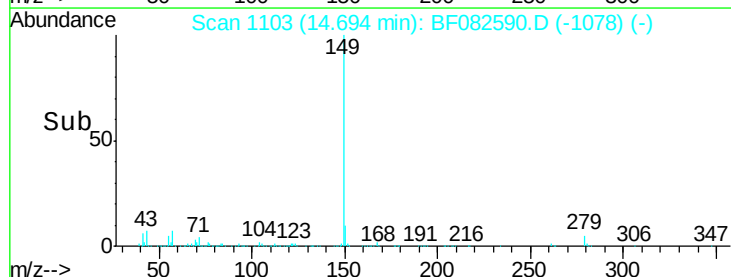
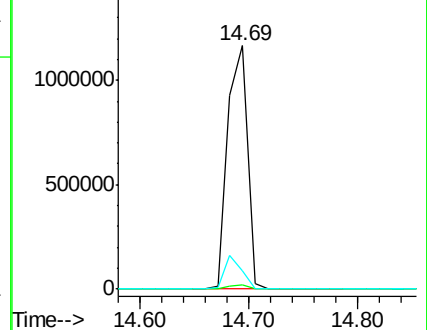
43 12.0 10.1 15.1

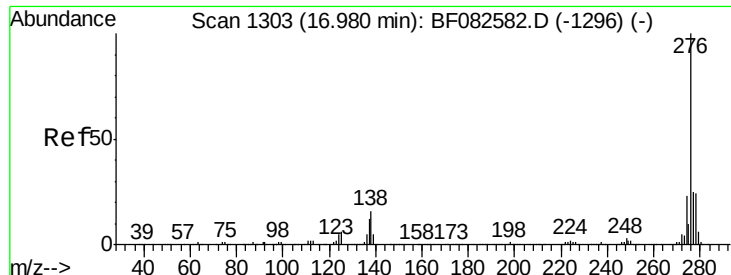


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

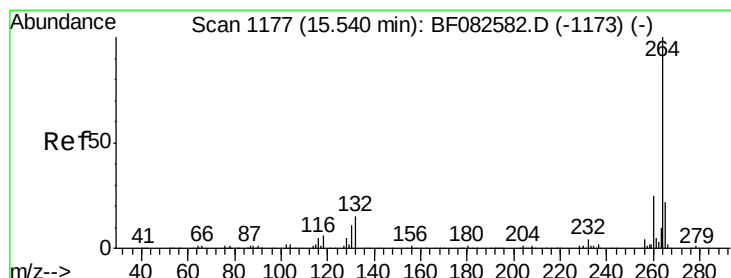
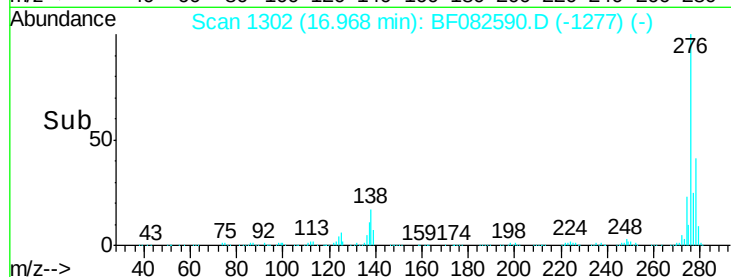
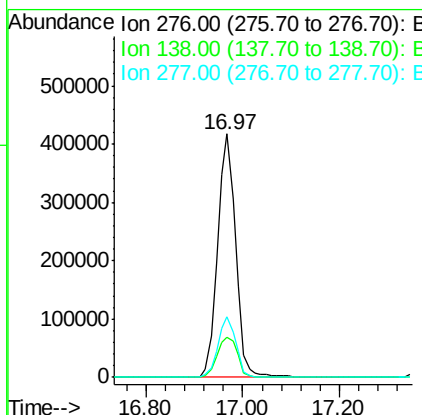
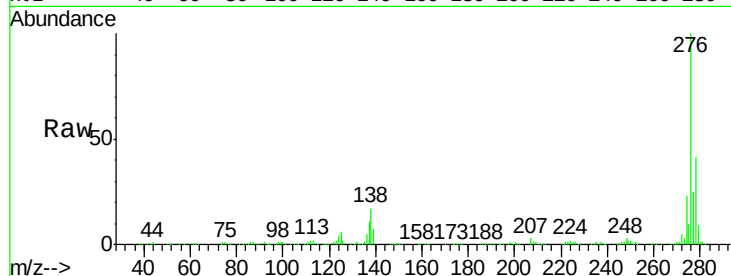




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.86 ng
RT: 16.97 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

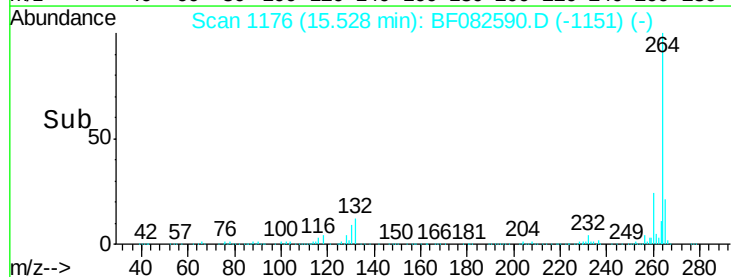
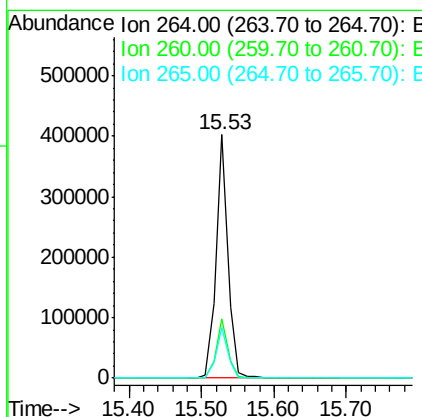
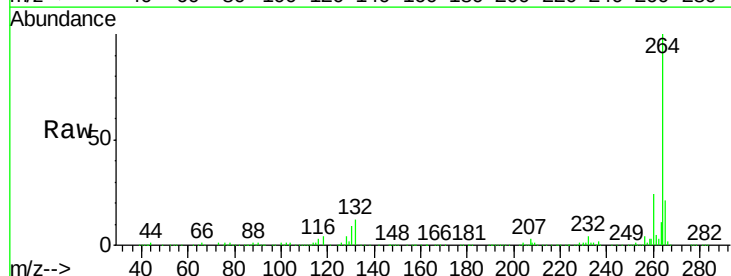
Instrument :
BNA_F
ClientSampleId :
ICVBF103015

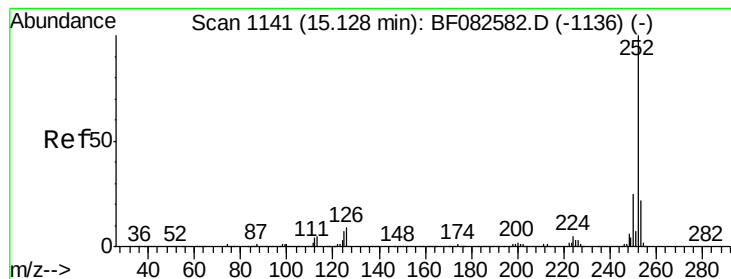
Tgt Ion:276 Resp: 1094314
Ion Ratio Lower Upper
276 100
138 18.7 15.3 22.9
277 24.7 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

Tgt Ion:264 Resp: 457059
Ion Ratio Lower Upper
264 100
260 24.2 19.8 29.6
265 20.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 38.30 ng

RT: 15.12 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015

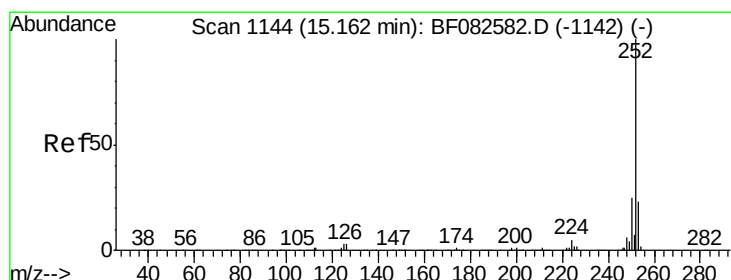
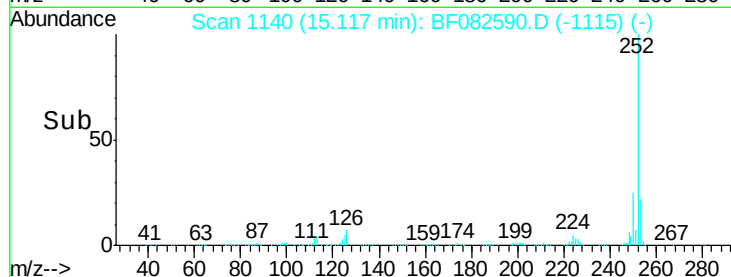
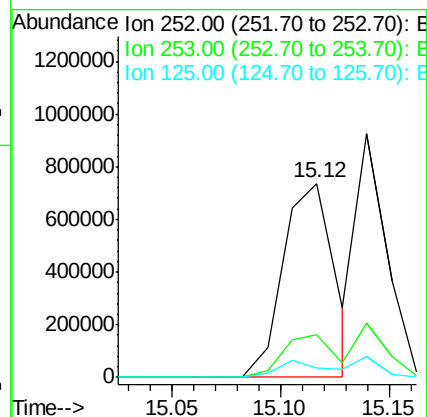
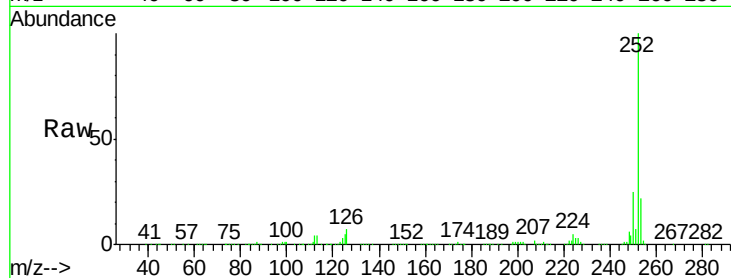
Tgt Ion:252 Resp: 1206949

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 5.1 5.4 8.2#



#88

Benzo(k)fluoranthene

Concen: 50.27 ng

RT: 15.12 min Scan# 1140

Delta R.T. -0.05 min

Lab File: BF082590.D

Acq: 31 Oct 2015 00:04

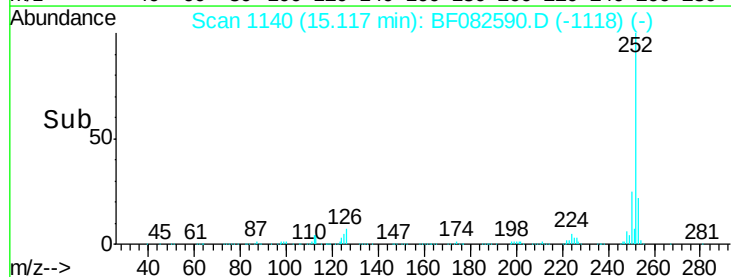
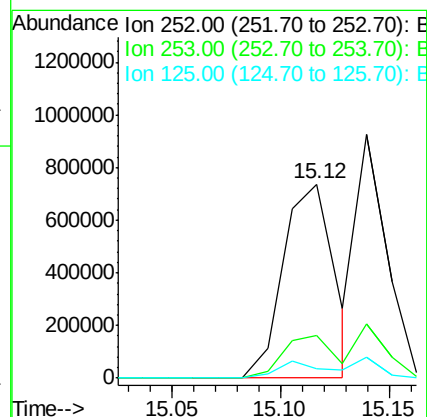
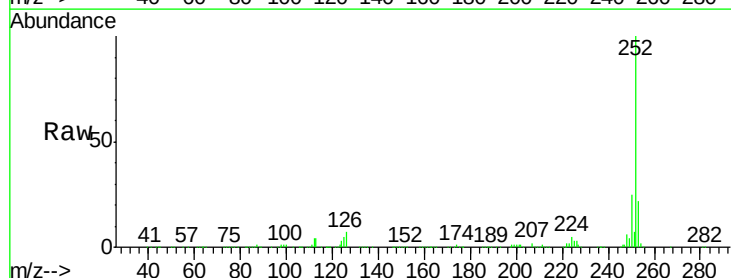
Tgt Ion:252 Resp: 1206949

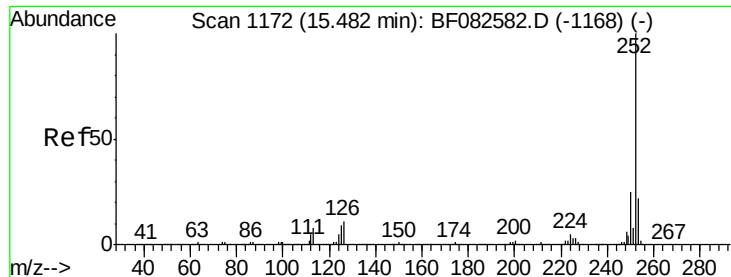
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 5.1 3.5 5.3

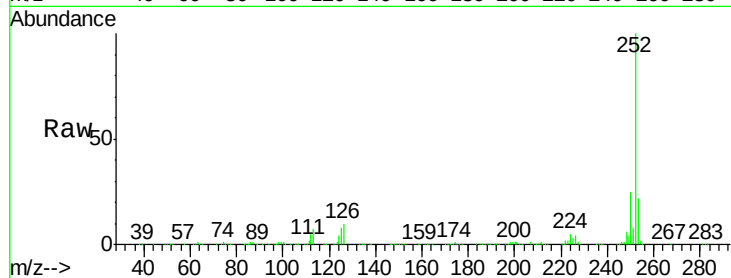




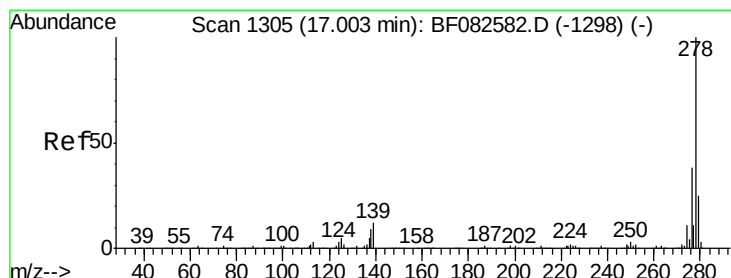
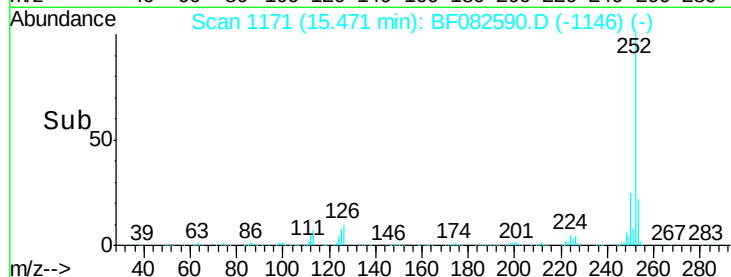
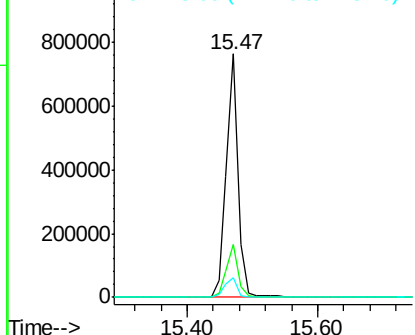
#89
Benzo(a)pyrene
Concen: 38.72 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

Instrument :
BNA_F
ClientSampleId :
ICVBF103015

Tgt Ion:252 Resp: 960956
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 7.9 7.1 10.7

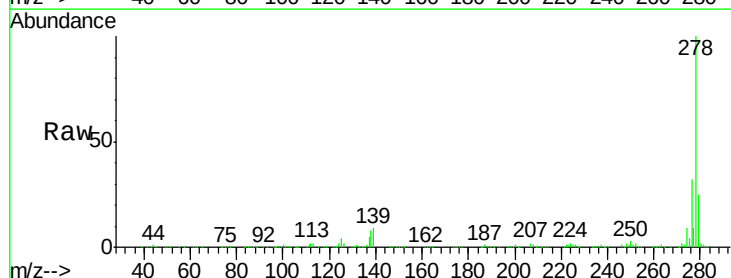


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

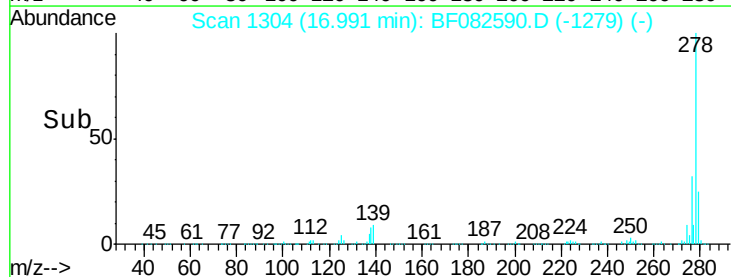
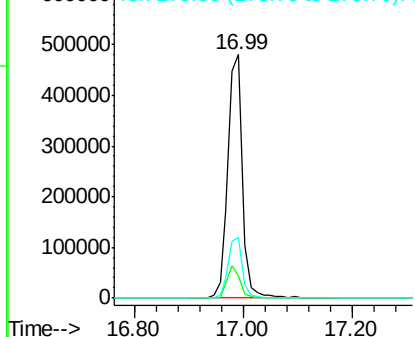


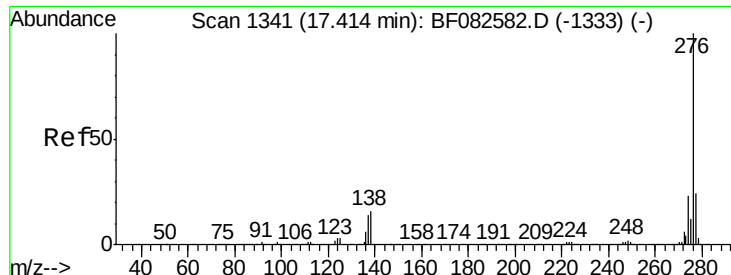
#90
Dibenzo(a,h)anthracene
Concen: 38.78 ng
RT: 16.99 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF082590.D
Acq: 31 Oct 2015 00:04

Tgt Ion:278 Resp: 898053
Ion Ratio Lower Upper
278 100
139 9.2 9.9 14.9#
279 24.7 19.6 29.4



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





#91

Benzo(g,h,i)perylene

Concen: 39.30 ng

RT: 17.40 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF082590.D

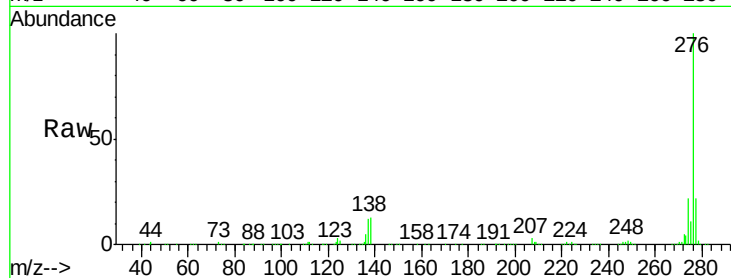
Acq: 31 Oct 2015 00:04

Instrument :

BNA_F

ClientSampleId :

ICVBF103015



Tgt Ion: 276 Resp: 882135

Ion Ratio Lower Upper

276 100

277 22.2 19.2 28.8

138 12.7 13.1 19.7#

