

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085970.D
 Acq On : 1 Apr 2016 19:18
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

Quant Time: Apr 01 19:40:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 19:37:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	104153	20.00	ng	-0.03
21) Naphthalene-d8	8.06	136	416680	20.00	ng	-0.03
38) Acenaphthene-d10	9.81	164	197486	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	361803	20.00	ng	-0.03
75) Chrysene-d12	13.93	240	294879	20.00	ng	-0.04
86) Perylene-d12	15.33	264	246707	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	507657	83.31	ng	-0.03
7) Phenol-d6	6.42	99	651104	84.13	ng	-0.03
23) Nitrobenzene-d5	7.34	82	553983	78.40	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	153390	82.75	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1007133	84.79	ng	-0.03
78) Terphenyl-d14	12.88	244	989589	78.89	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.29	88	112408	38.91	ng	99
3) Pyridine	3.00	79	308589	47.71	ng	99
4) n-Nitrosodimethylamine	2.96	42	118761	41.76	ng	100
6) Aniline	6.44	93	419165	41.28	ng	98
8) 2-Chlorophenol	6.56	128	292021	40.18	ng	94
9) Benzaldehyde	6.33	77	167490	40.22	ng	92
10) Phenol	6.43	94	387745	43.92	ng	86
11) bis(2-Chloroethyl)ether	6.51	93	255814	36.59	ng	94
12) 1,3-Dichlorobenzene	6.72	146	313464	40.70	ng	97
13) 1,4-Dichlorobenzene	6.80	146	315957	39.82	ng	94
14) 1,2-Dichlorobenzene	6.94	146	305563	41.84	ng	99
15) Benzyl Alcohol	6.92	79	198169	39.58	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	343514	40.22	ng	94
17) 2-Methylphenol	7.04	107	226686	39.57	ng	97
18) Hexachloroethane	7.29	117	117284	40.19	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	179300	37.38	ng	96
20) 3+4-Methylphenols	7.20	107	275268	39.50	ng	96
22) Acetophenone	7.20	105	399875	40.82	ng	# 94
24) Nitrobenzene	7.37	77	324475	41.98	ng	# 87
25) Isophorone	7.61	82	559460	40.11	ng	# 93
26) 2-Nitrophenol	7.68	139	148376	40.12	ng	# 76
27) 2,4-Dimethylphenol	7.72	122	255753	38.50	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	309894	37.87	ng	98
29) 2,4-Dichlorophenol	7.93	162	223799	39.85	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	250569	39.75	ng	95
31) Naphthalene	8.09	128	825318	39.38	ng	98
32) Benzoic acid	7.87	122	207256	42.53	ng	93
33) 4-Chloroaniline	8.13	127	329800	38.95	ng	# 91
34) Hexachlorobutadiene	8.20	225	135822	40.08	ng	99
35) Caprolactam	8.52	113	81519	45.76	ng	# 73
36) 4-Chloro-3-methylphenol	8.62	107	260505	41.27	ng	98
37) 2-Methylnaphthalene	8.77	142	526661	38.47	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	234849	39.57	ng	99
40) Hexachlorocyclopentadiene	8.92	237	71081	40.01	ng	98

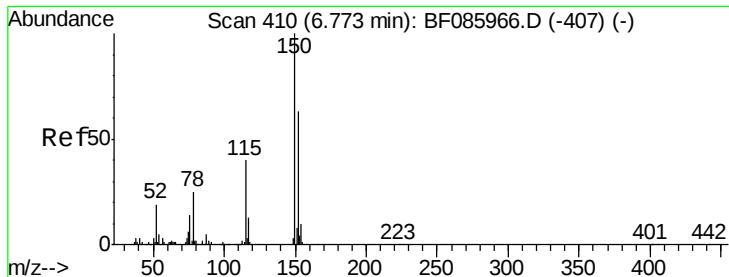
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	152324	39.96	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	157116	40.60	nq	99
45) 1,1'-Biphenyl	9.24	154	685679	40.27	nq	94
46) 2-Chloronaphthalene	9.26	162	525783	42.60	nq	98
47) 2-Nitroaniline	9.37	65	153615	42.53	nq	# 81
48) Acenaphthylene	9.68	152	833638	42.16	nq	100
49) Dimethylphthalate	9.54	163	569497	38.91	nq	99
50) 2,6-Dinitrotoluene	9.61	165	134176	43.33	nq	87
51) Acenaphthene	9.85	154	479285	40.76	nq	99
52) 3-Nitroaniline	9.78	138	162430	43.52	nq	91
53) 2,4-Dinitrophenol	9.89	184	63112	40.74	nq	# 71
54) Dibenzofuran	10.02	168	633256	40.77	nq	99
55) 4-Nitrophenol	9.95	139	89590	40.72	nq	90
56) 2,4-Dinitrotoluene	10.01	165	154900	39.58	nq	# 29
57) Fluorene	10.36	166	545658	41.13	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	113566	39.41	nq	98
59) Diethylphthalate	10.24	149	552668	37.41	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	243172	39.35	nq	99
61) 4-Nitroaniline	10.40	138	152315	41.44	nq	93
62) Azobenzene	10.51	77	570107	40.29	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	91096	41.55	nq	89
65) n-Nitrosodiphenylamine	10.48	169	483558	42.74	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	158902	43.02	nq	97
67) Hexachlorobenzene	10.91	284	167396	43.82	nq	98
68) Atrazine	11.00	200	142777	39.05	nq	97
69) Pentachlorophenol	11.10	266	77015	43.02	nq	98
70) Phenanthrene	11.32	178	827404	41.92	nq	100
71) Anthracene	11.37	178	779574	37.70	nq	99
72) Carbazole	11.53	167	697697	39.26	nq	99
73) Di-n-butylphthalate	11.86	149	945380	42.93	nq	100
74) Fluoranthene	12.50	202	811608	39.53	nq	100
76) Benzidine	12.62	184	443254	42.61	nq	97
77) Pyrene	12.73	202	801761	38.58	nq	99
79) Butylbenzylphthalate	13.34	149	389935	41.67	nq	# 68
80) Benzo(a)anthracene	13.92	228	689396	39.66	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	497422	39.18	nq	98
82) Chrysene	13.96	228	686054	40.97	nq	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	503559	40.55	nq	100
84) Di-n-octyl phthalate	14.52	149	867223	43.73	nq	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	524150	38.58	nq	99
87) Benzo(b)fluoranthene	14.97	252	1212173	78.11	nq	# 96
88) Benzo(k)fluoranthene	14.97	252	1212726	88.24	nq	99
89) Benzo(a)pyrene	15.28	252	557977	40.58	nq	99
90) Dibenzo(a,h)anthracene	16.71	278	434777	39.30	nq	97
91) Benzo(g,h,i)perylene	17.09	276	419377	39.17	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.03 min

Lab File: BF085970.D

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ICVBF040216

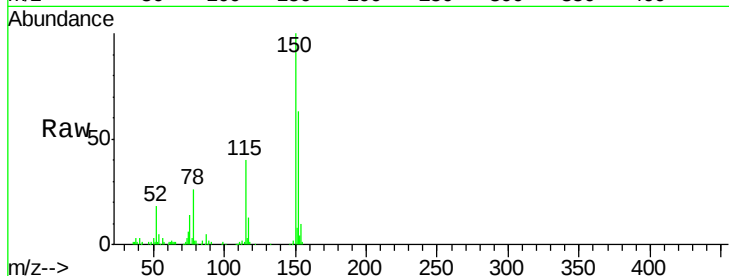
Tot Ion:152 Resp: 104153

Ion Ratio Lower Upper

152 100

150 158.9 124.2 186.2

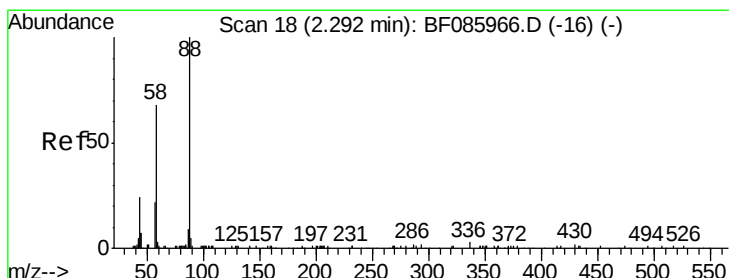
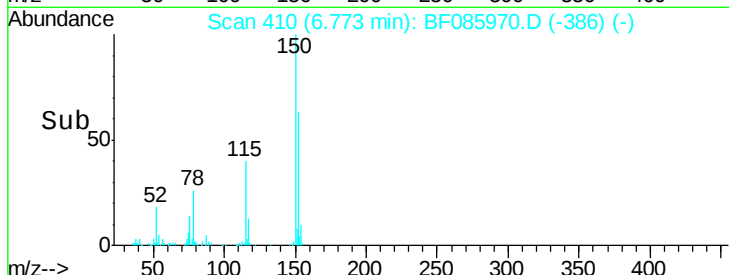
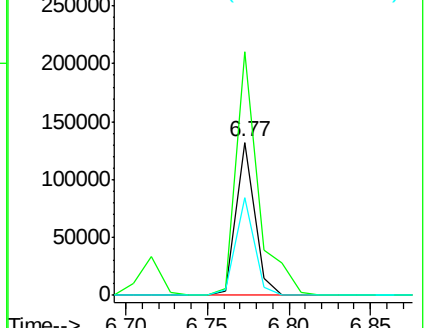
115 63.8 47.0 70.6



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: 38.91 ng

RT: 2.29 min Scan# 18

Delta R.T. -0.04 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

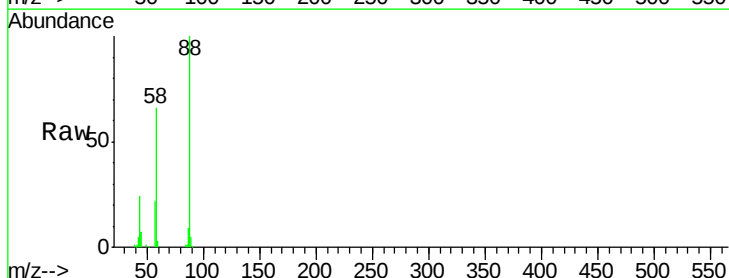
Tgt Ion: 88 Resp: 112408

Ion Ratio Lower Upper

88 100

58 67.1 54.2 81.2

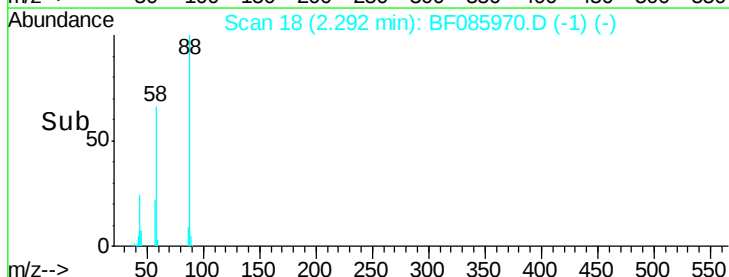
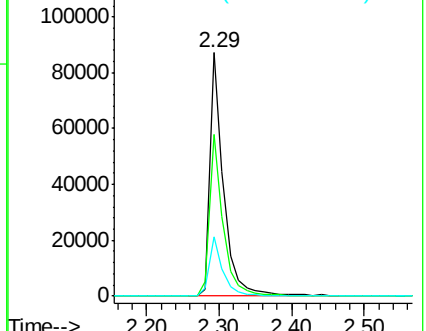
43 24.9 19.3 28.9



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

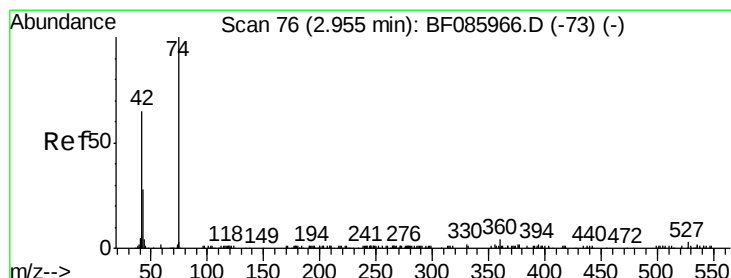
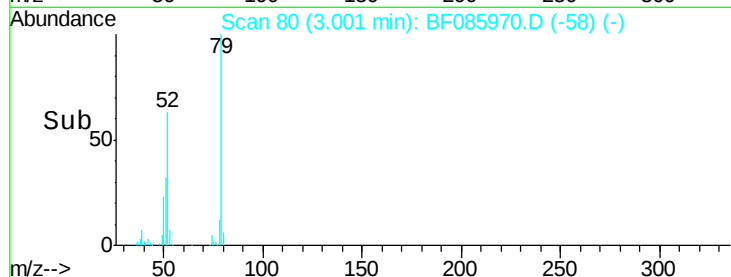
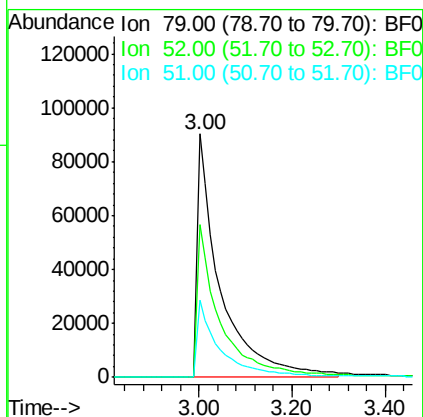
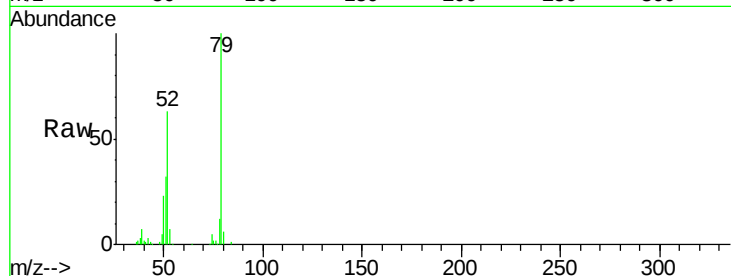




#3
 Pvridine
 Concen: 47.71 ng
 RT: 3.00 min Scan# 80
 Delta R.T. -0.05 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

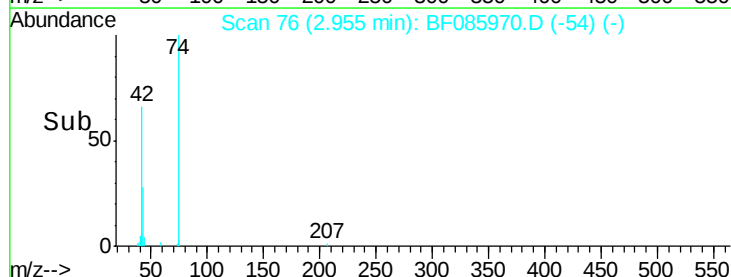
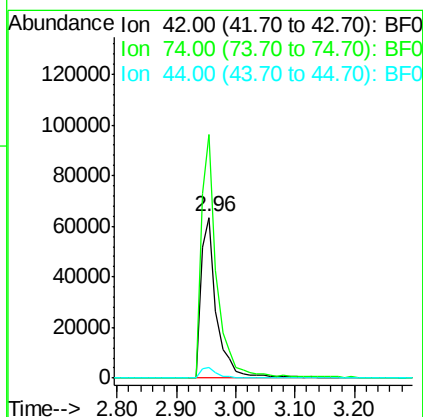
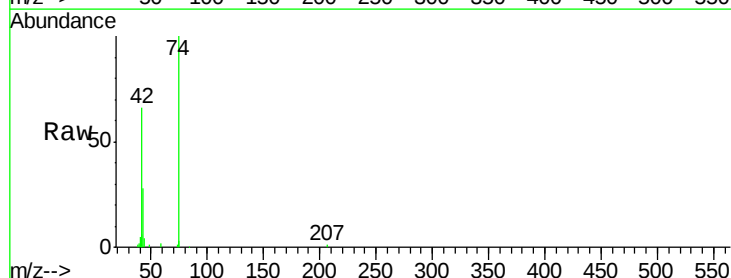
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

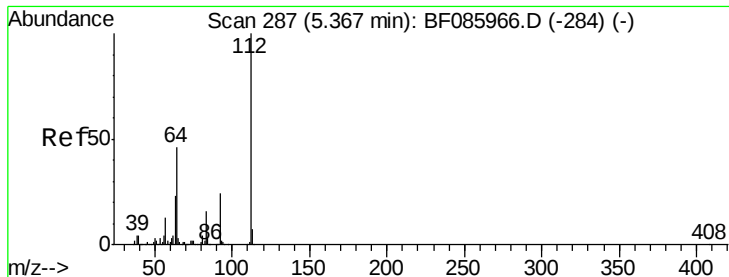
Tot Ion	Ratio	Lower	Upper
79	100		
52	62.5	49.8	74.6
51	31.5	24.7	37.1



#4
 n-Nitrosodimethylamine
 Concen: 41.76 ng
 RT: 2.96 min Scan# 76
 Delta R.T. -0.05 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	151.6	121.4	182.2
44	6.8	5.6	8.4





#5

2-Fluorophenol

Concen: 83.31 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

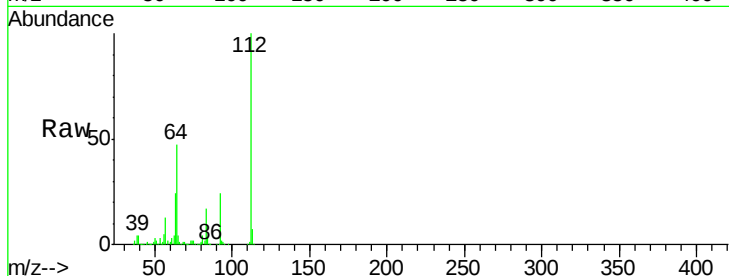
Tot Ion:112 Resp: 507657

Ion Ratio Lower Upper

112 100

64 46.7 39.9 59.9

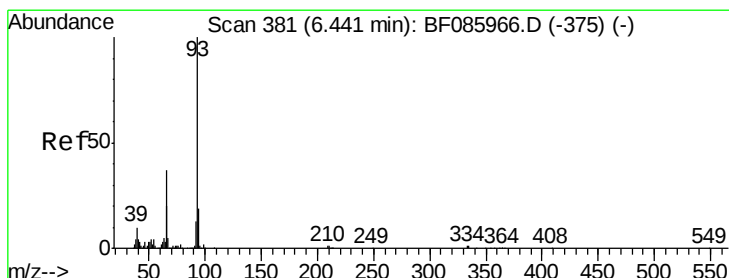
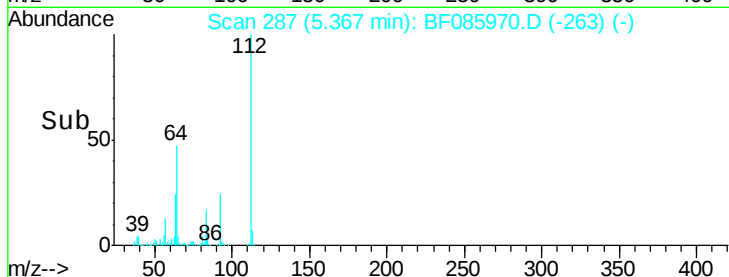
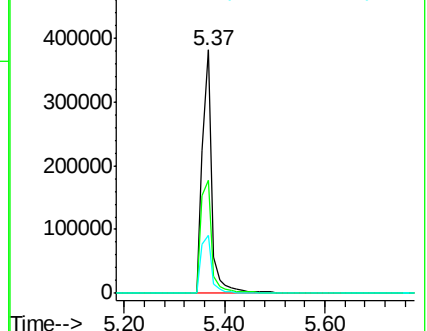
63 23.9 20.2 30.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.28 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

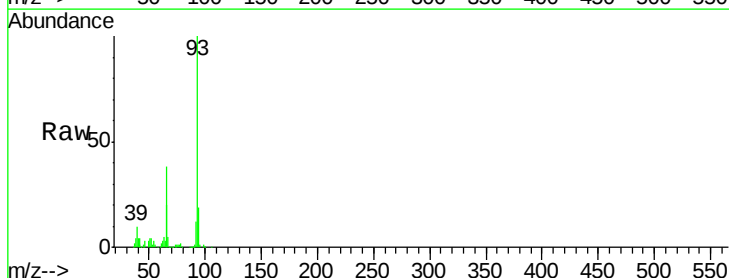
Tgt Ion: 93 Resp: 419165

Ion Ratio Lower Upper

93 100

66 37.5 31.4 47.2

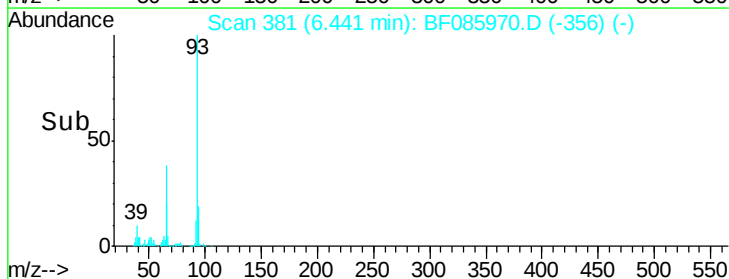
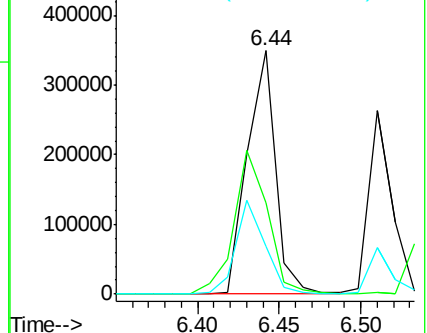
65 19.7 15.7 23.5

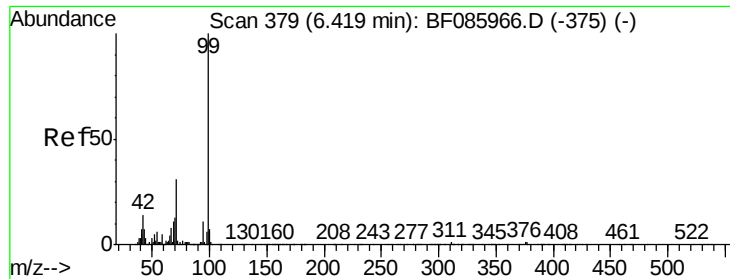


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.13 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

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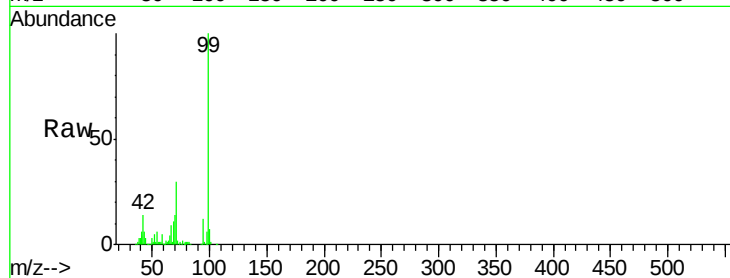
Tot Ion: 99 Resp: 651104

Ion Ratio Lower Upper

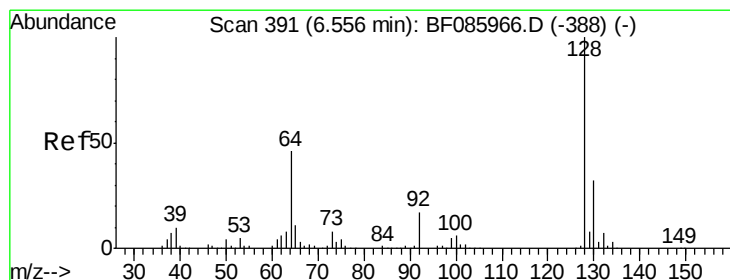
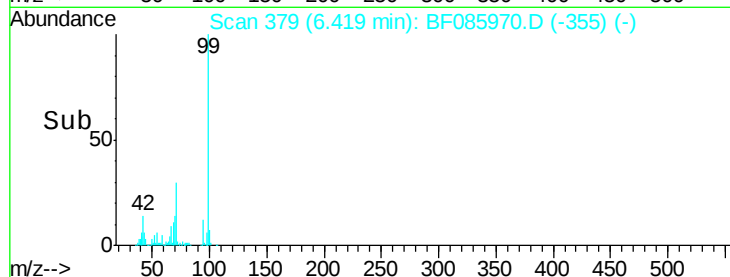
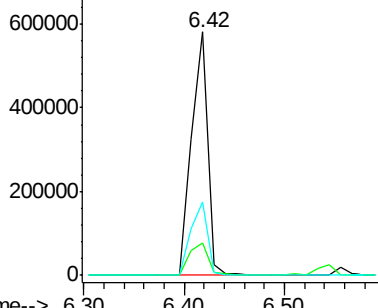
99 100

42 13.5 11.1 16.7

71 30.1 24.9 37.3



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



#8

2-Chlorophenol

Concen: 40.18 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

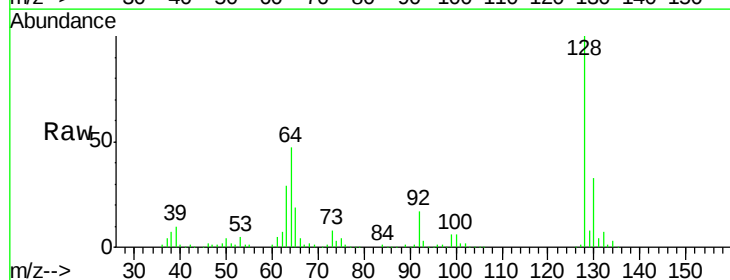
Tgt Ion: 128 Resp: 292021

Ion Ratio Lower Upper

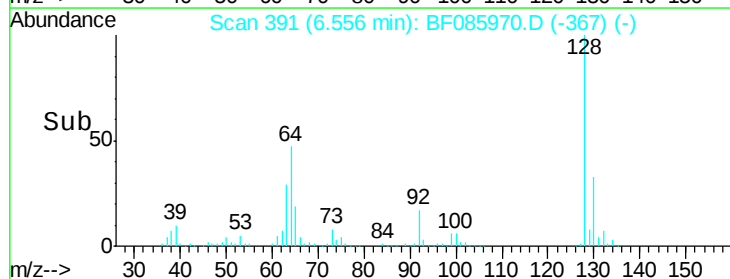
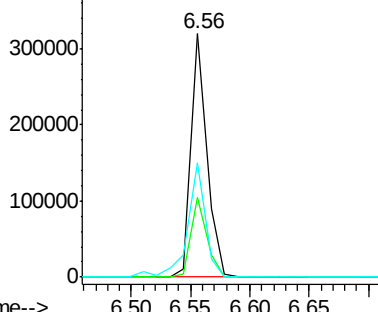
128 100

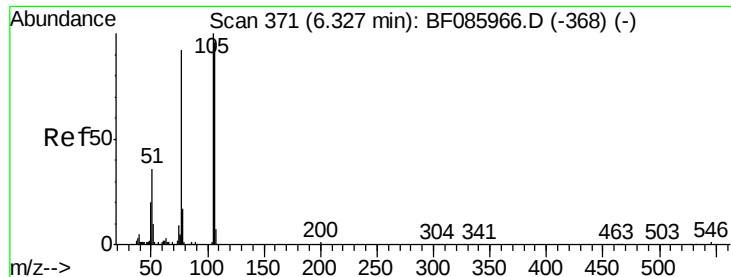
130 32.8 12.9 52.9

64 47.0 20.2 60.2



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





#9

Benzaldehyde

Concen: 40.22 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085970.D

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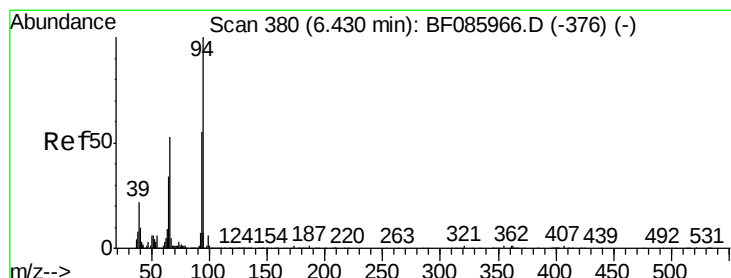
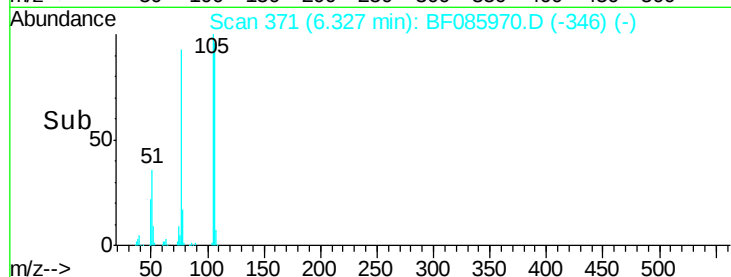
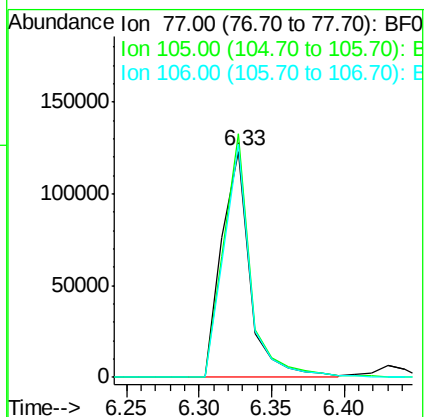
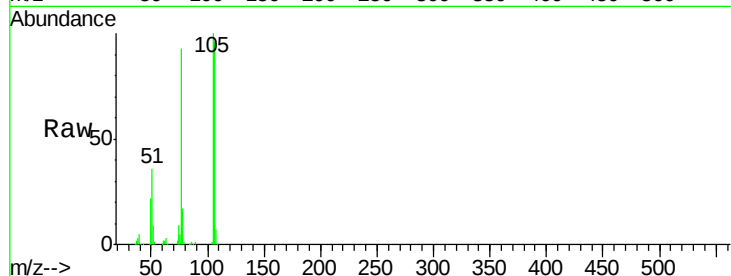
Tot Ion: 77 Resp: 167490

Ion Ratio Lower Upper

77 100

105 107.9 80.1 120.1

106 103.6 75.0 115.0



#10

Phenol

Concen: 43.92 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

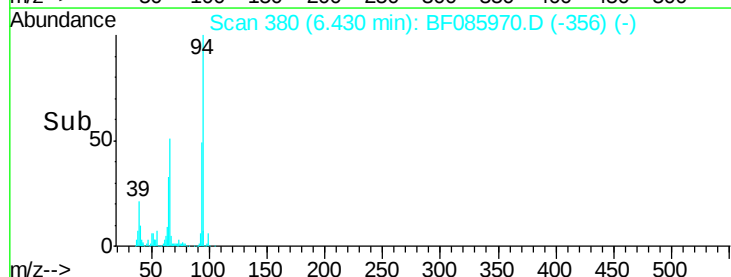
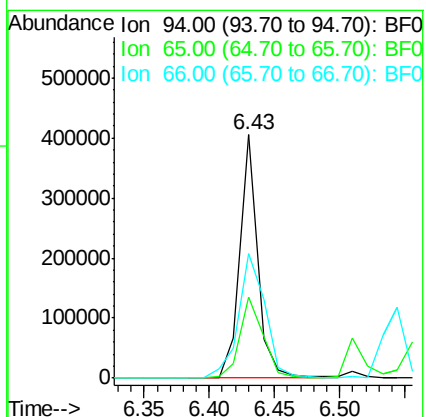
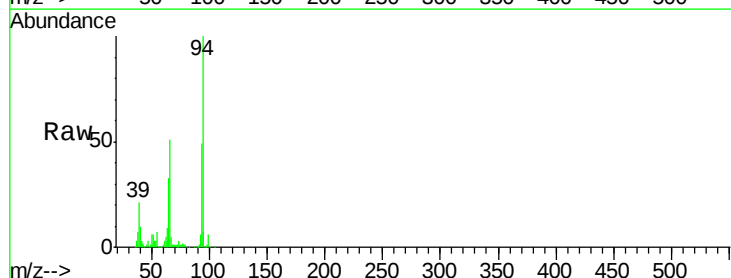
Tgt Ion: 94 Resp: 387745

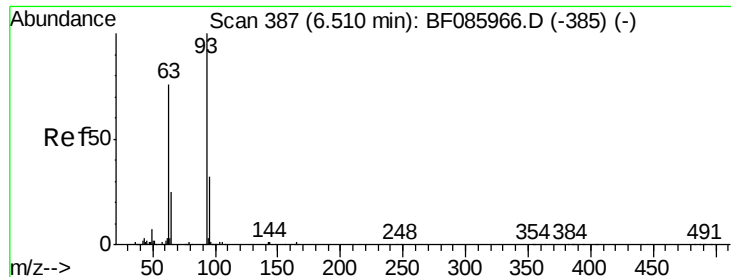
Ion Ratio Lower Upper

94 100

65 33.2 8.6 48.6

66 51.1 20.0 60.0

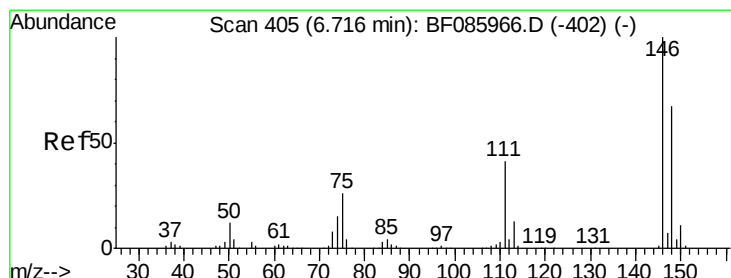
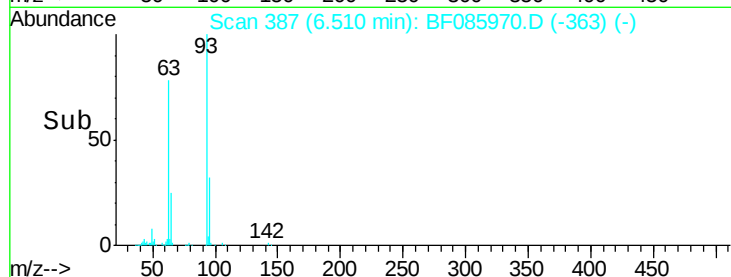
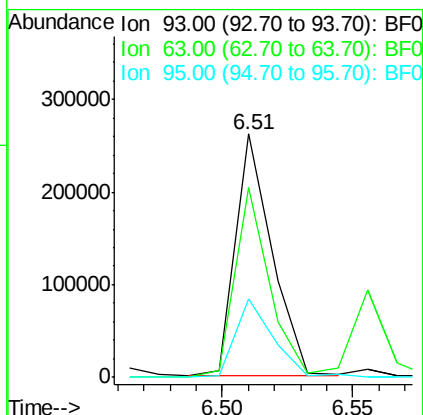
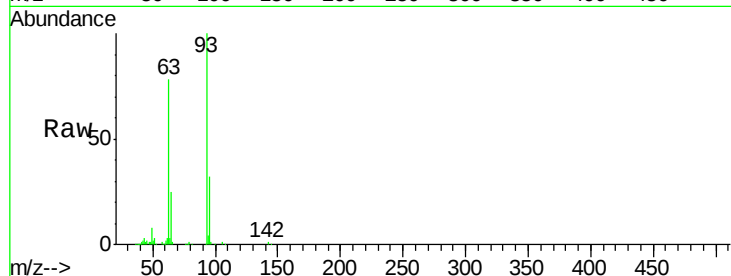




#11
bis(2-Chloroethyl)ether
Concen: 36.59 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

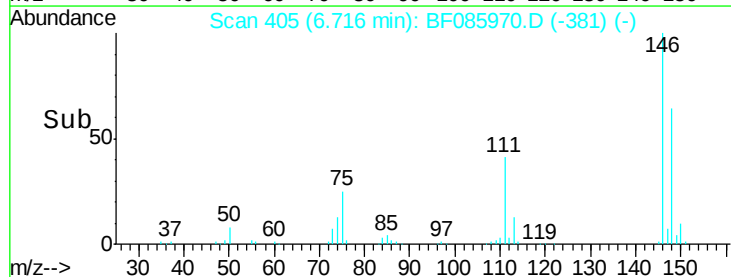
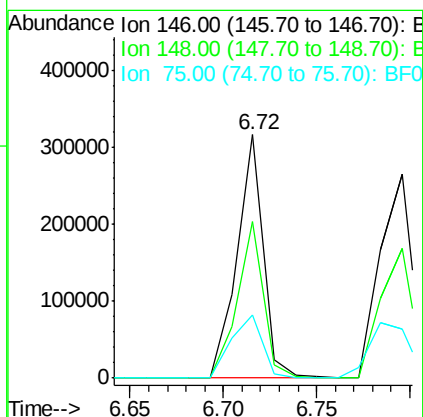
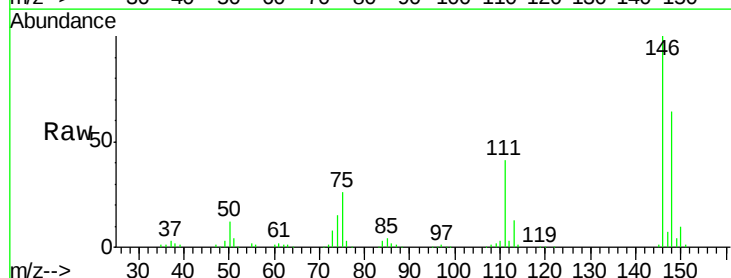
Instrument :
BNA_F
ClientSampleId :
ICVBF040216

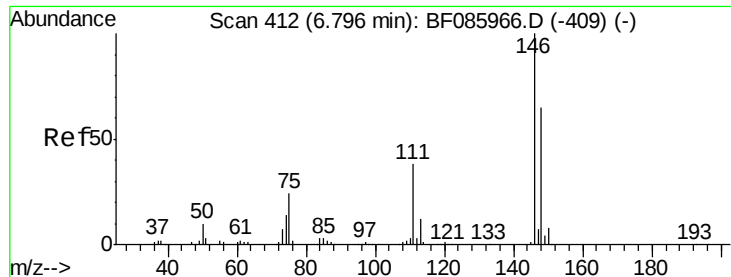
Tot Ion: 93 Resp: 255814
Ion Ratio Lower Upper
93 100
63 77.9 50.9 90.9
95 32.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.70 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Tgt Ion: 146 Resp: 313464
Ion Ratio Lower Upper
146 100
148 64.3 52.3 78.5
75 26.0 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 39.82 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

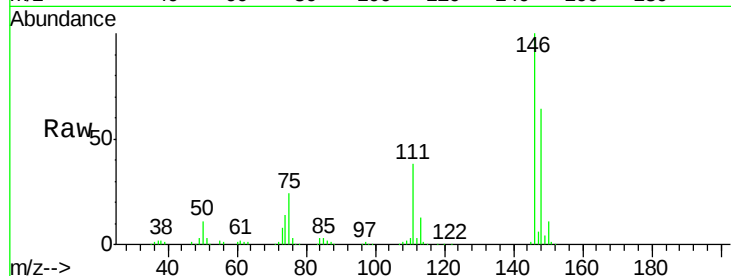
Tot Ion:146 Resp: 315957

Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

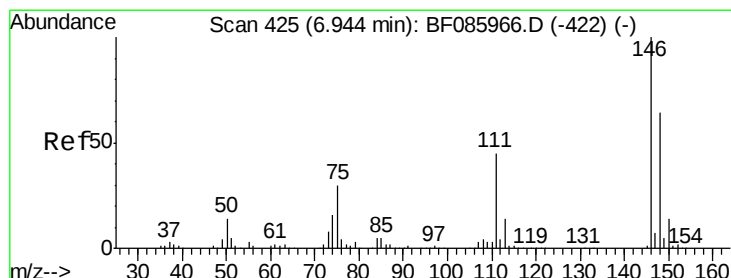
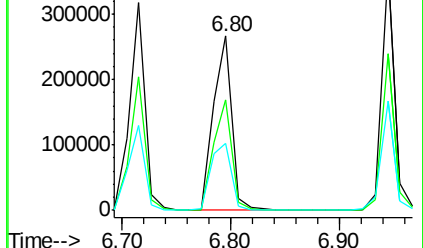
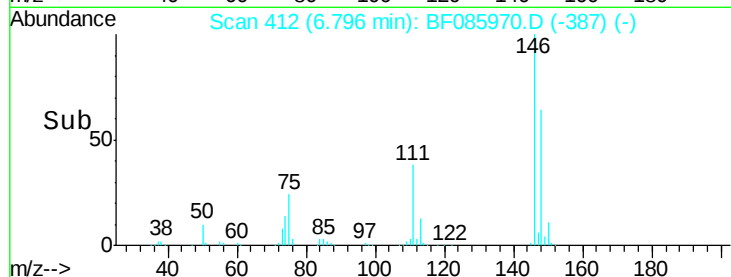
111 38.3 37.8 56.6



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: 41.84 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

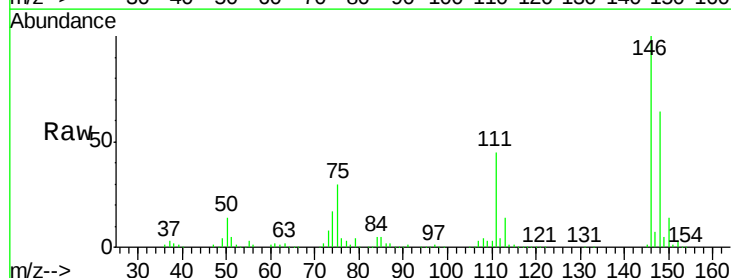
Tgt Ion:146 Resp: 305563

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.2

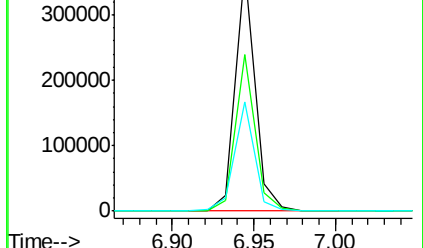
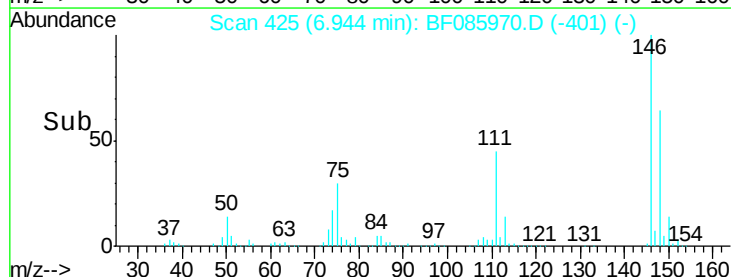
111 44.8 34.6 52.0

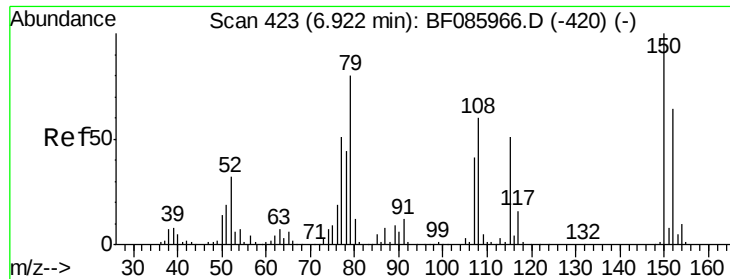


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

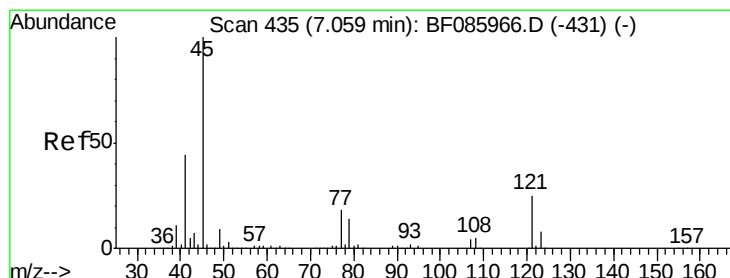
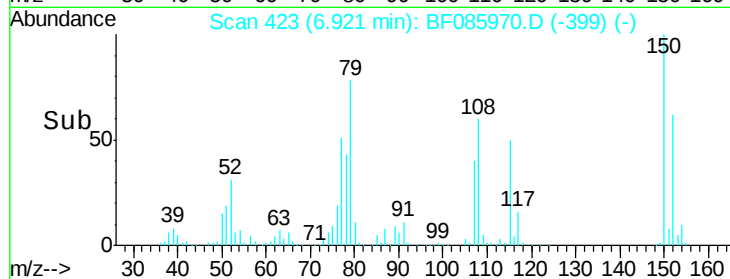
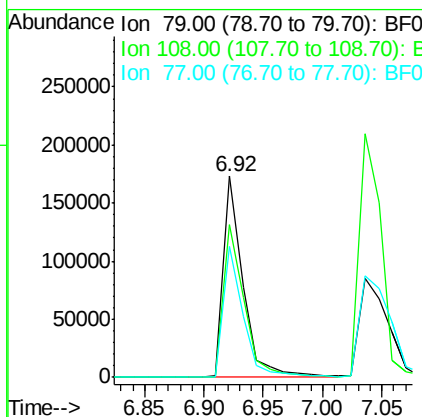
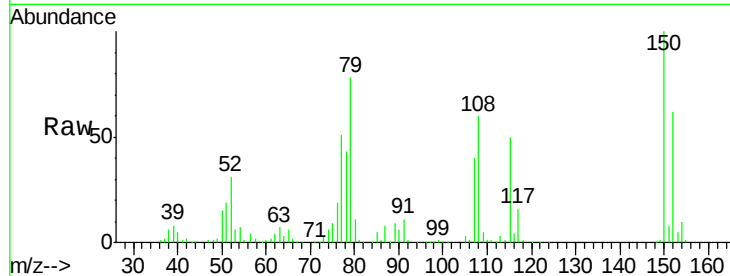




#15
Benzyl Alcohol
Concen: 39.58 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

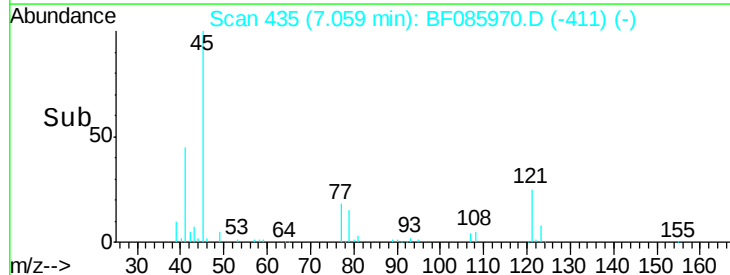
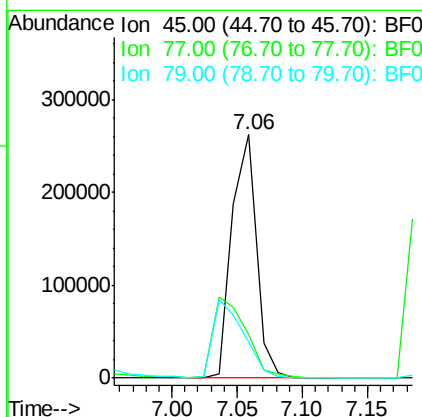
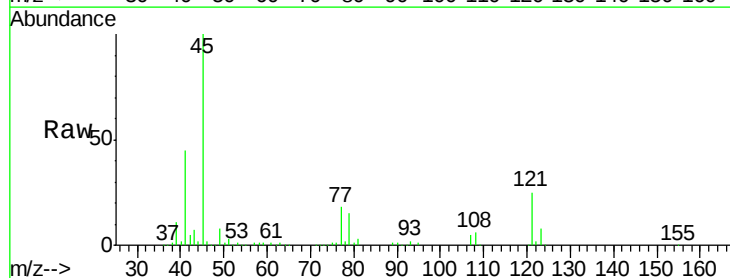
Instrument :
BNA_F
ClientSampleId :
ICVBF040216

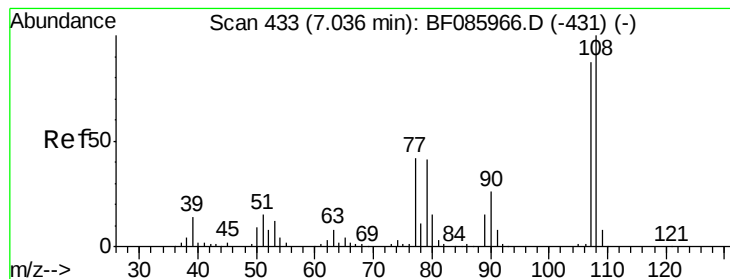
Tot Ion: 79 Resp: 198169
Ion Ratio Lower Upper
79 100
108 76.2 61.8 92.6
77 65.2 49.6 74.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.22 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Tgt Ion: 45 Resp: 343514
Ion Ratio Lower Upper
45 100
77 18.1 0.0 35.7
79 15.0 0.0 32.2

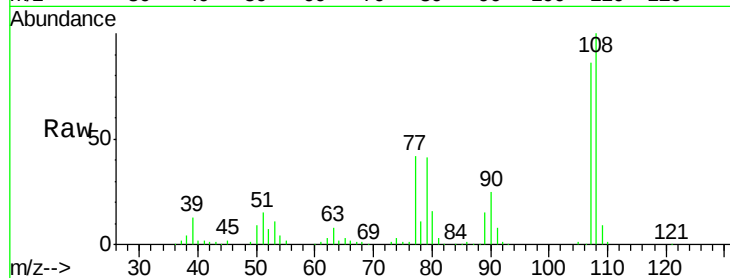




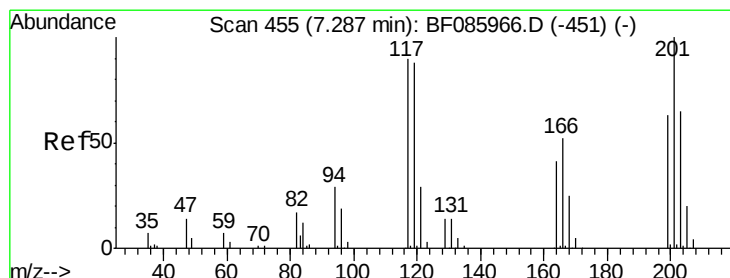
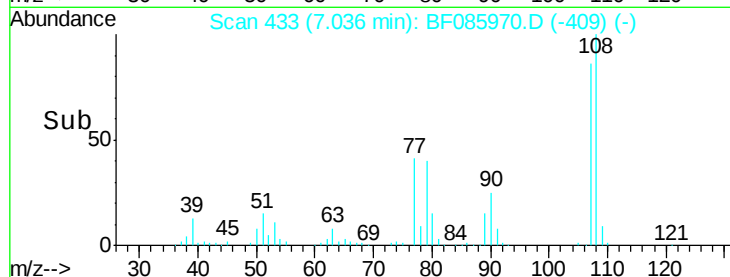
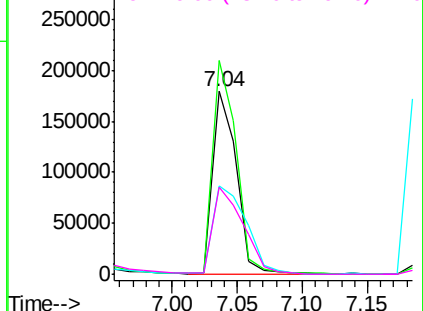
#17
2-Methylphenol
Concen: 39.57 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Instrument :
BNA_F
ClientSampleId :
ICVBF040216

Tot Ion:	107	Resp:	226686
Ion	Ratio	Lower	Upper
107	100		
108	116.9	91.4	137.0
77	48.6	36.2	54.2
79	47.4	35.8	53.8

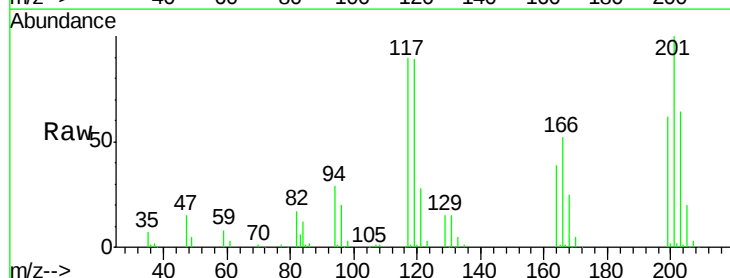


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

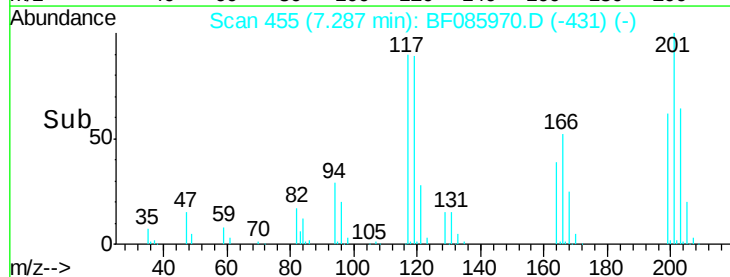
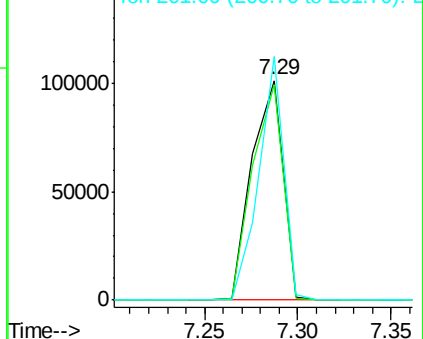


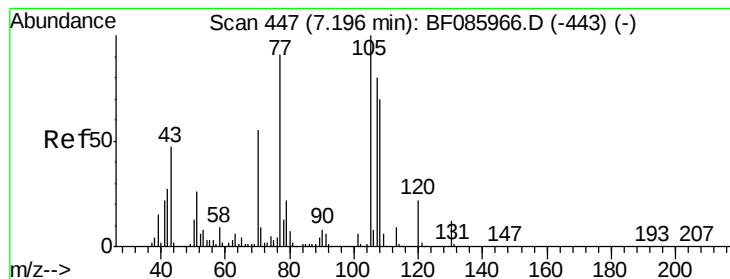
#18
Hexachloroethane
Concen: 40.19 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Tgt Ion:	117	Resp:	117284
Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.7	115.1
201	110.7	83.3	124.9



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: 37.38 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

Tot Ion: 70 Resp: 179300

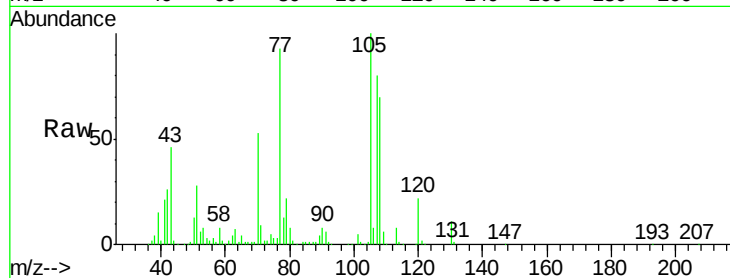
Ion Ratio Lower Upper

70 100

42 48.9 37.1 55.7

101 9.8 8.6 12.8

130 21.5 19.6 29.4

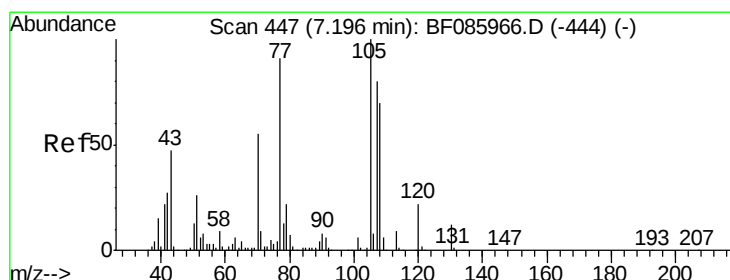
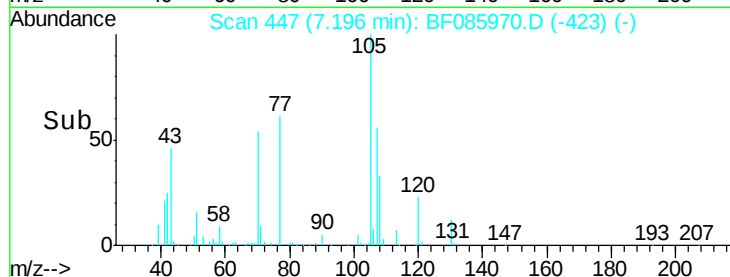
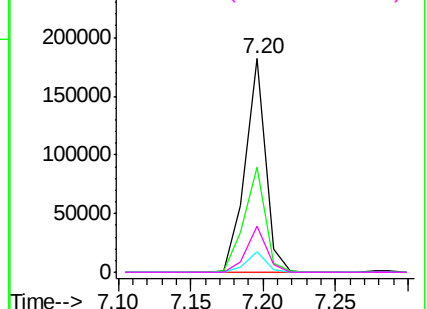


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 39.50 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Tgt Ion:107 Resp: 275268

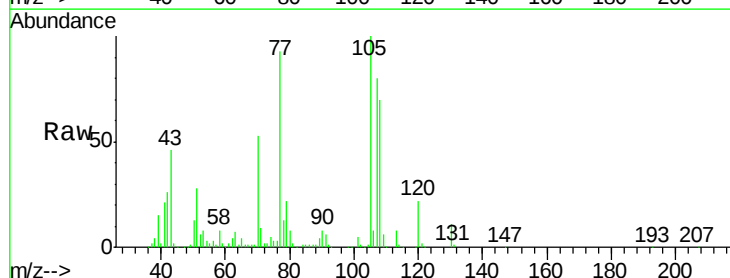
Ion Ratio Lower Upper

107 100

108 87.3 69.3 109.3

77 115.0 101.7 141.7

79 26.8 8.3 48.3

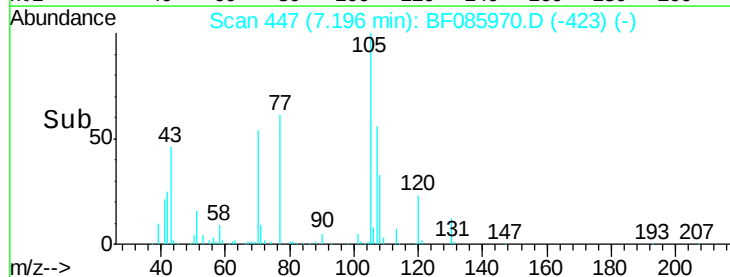
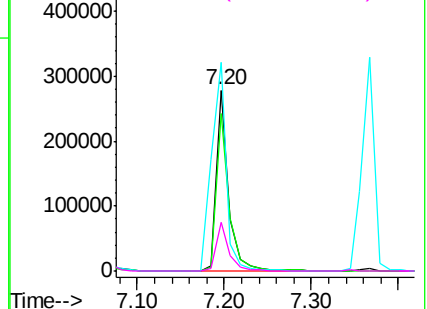


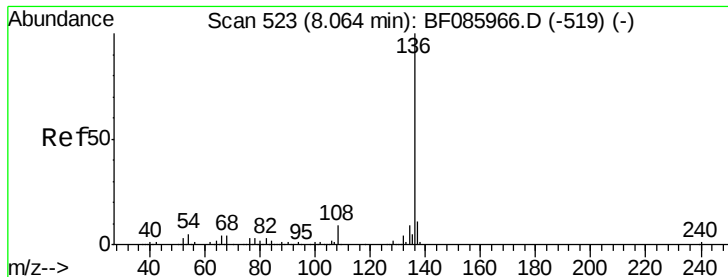
Abundance Ion 107.00 (106.70 to 107.70): E

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

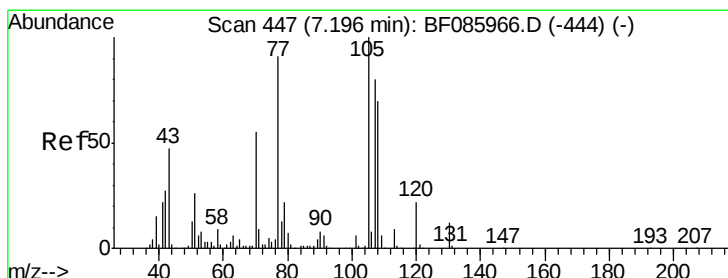
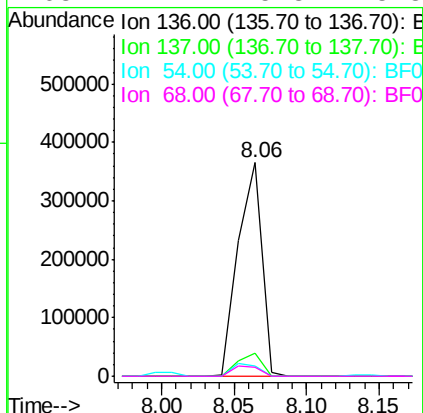
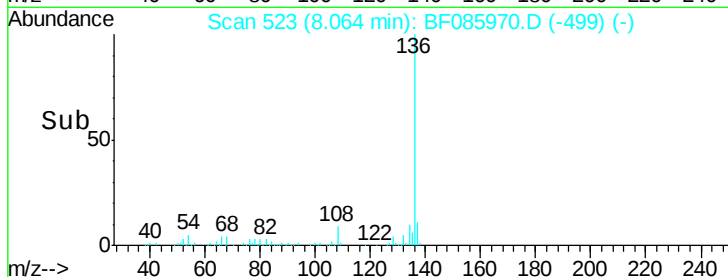
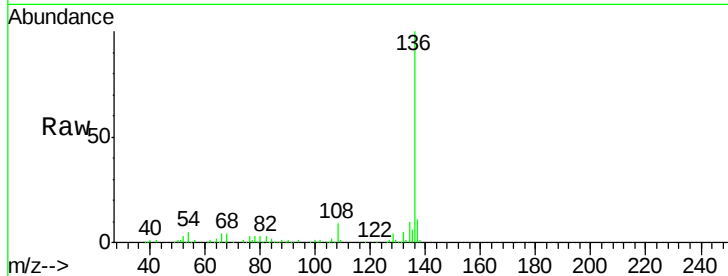




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

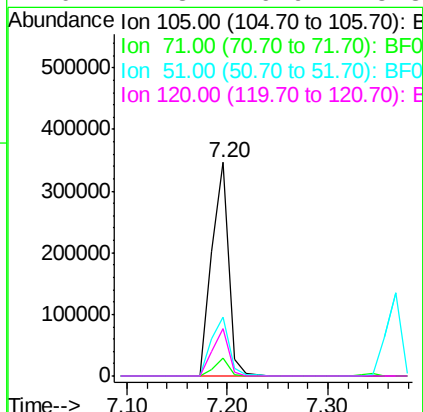
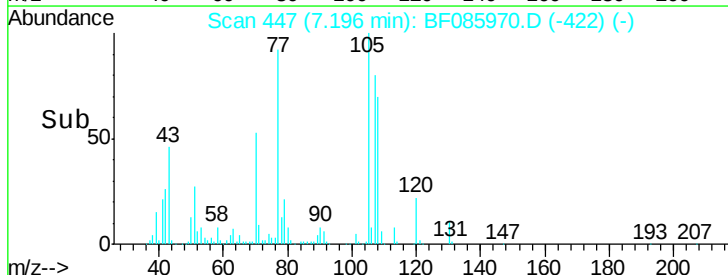
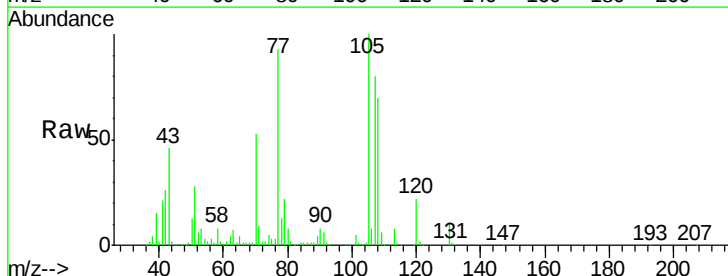
Instrument :
BNA_F
ClientSampleId :
ICVBF040216

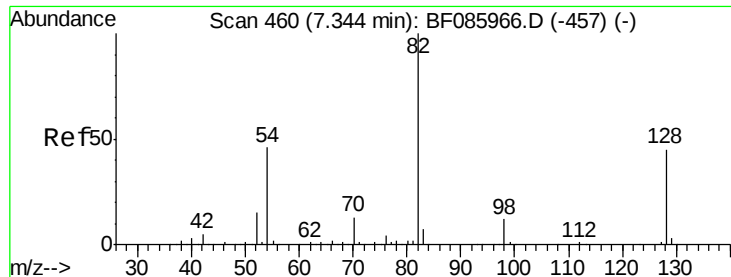
Tot Ion:136	Resp:	416680
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.1 13.7
54	5.1	7.4 11.0#
68	4.4	5.8 8.8#



#22
Acetophenone
Concen: 40.82 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Tgt Ion:105	Resp:	399875
Ion	Ratio	Lower Upper
105	100	
71	8.7	3.6 5.4#
51	27.5	25.4 38.0
120	22.3	16.9 25.3

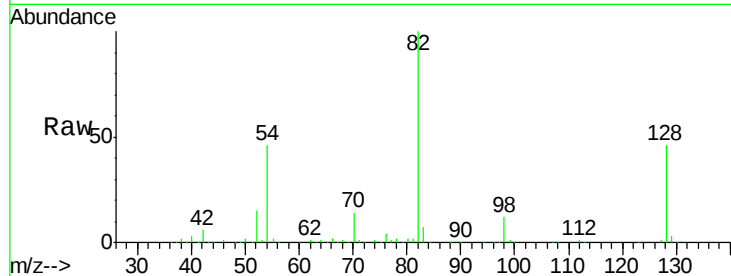




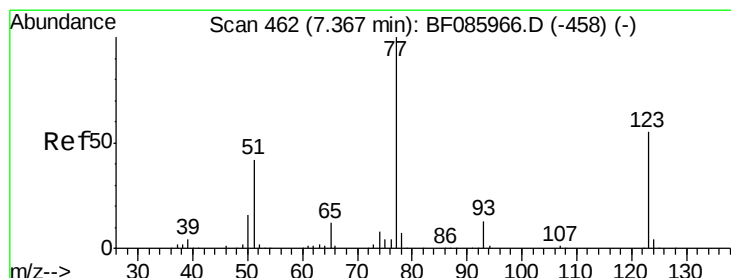
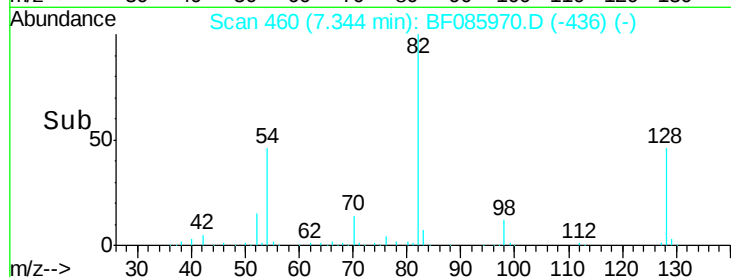
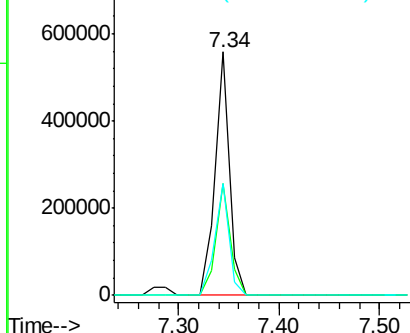
#23
 Nitrobenzene-d5
 Concen: 78.40 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

Tot Ion: 82 Resp: 553983
 Ion Ratio Lower Upper
 82 100
 128 45.7 41.8 62.8
 54 46.0 33.4 50.0

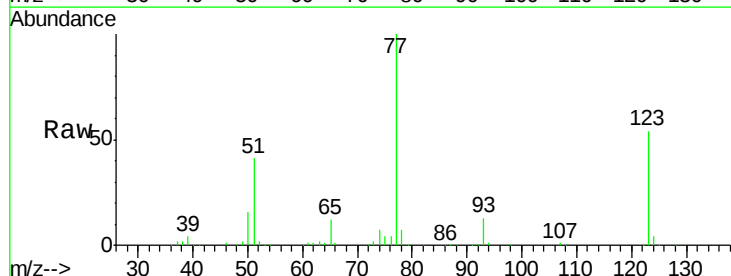


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

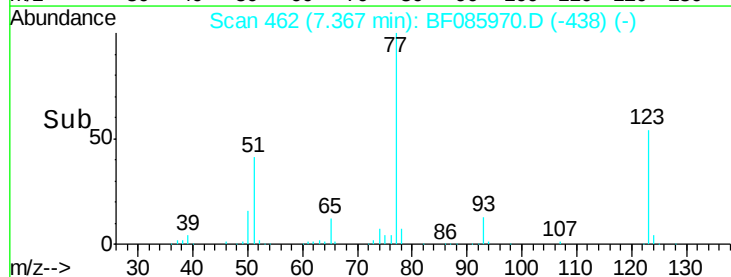
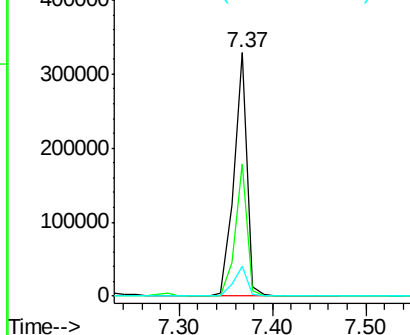


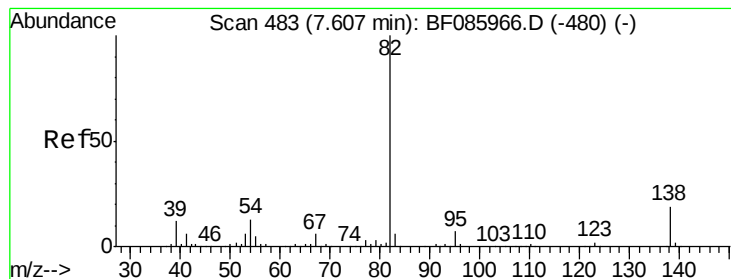
#24
 Nitrobenzene
 Concen: 41.98 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Tgt Ion: 77 Resp: 324475
 Ion Ratio Lower Upper
 77 100
 123 54.2 35.0 52.4#
 65 12.4 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.11 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

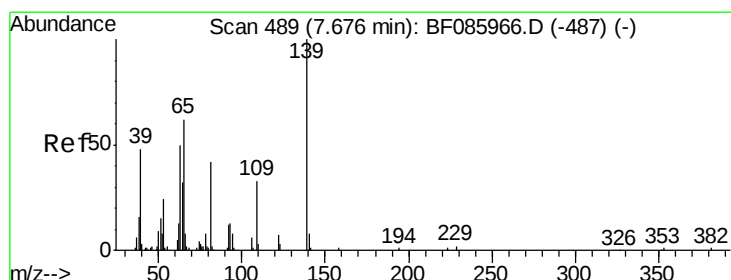
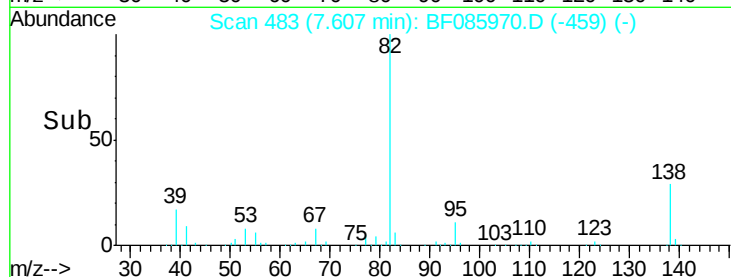
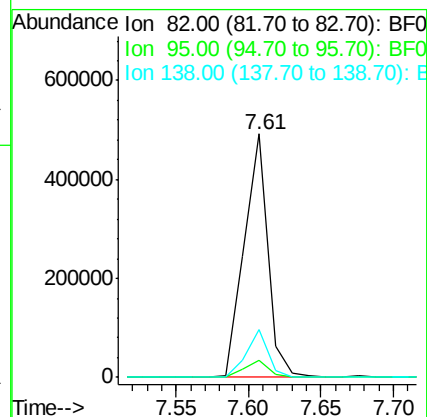
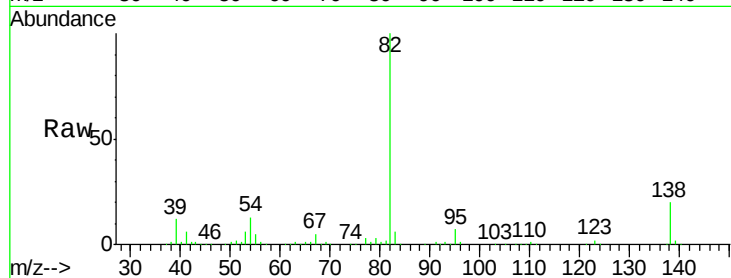
Tot Ion: 82 Resp: 559460

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 19.8 12.9 19.3#



#26

2-Nitrophenol

Concen: 40.12 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

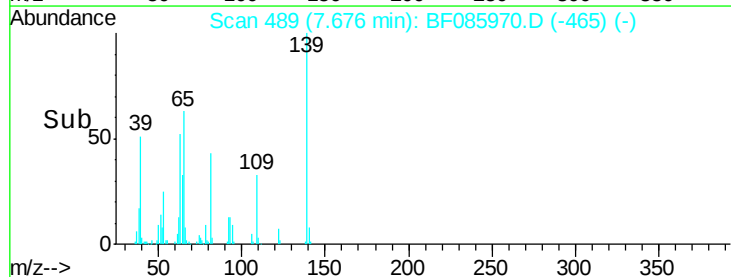
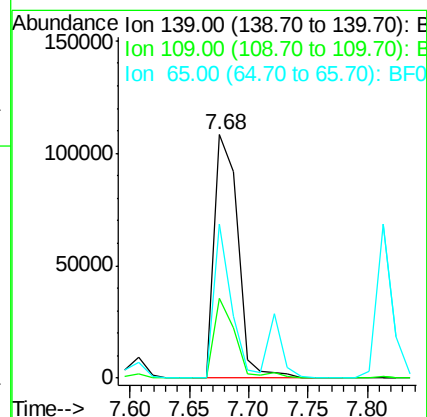
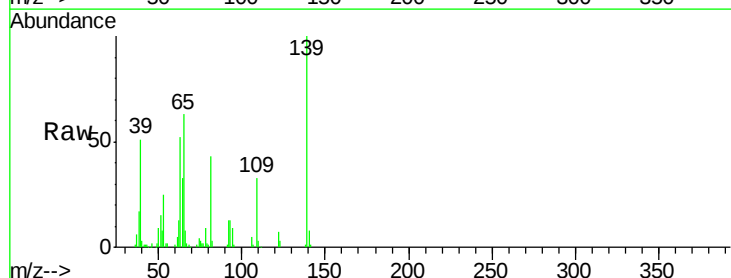
Tgt Ion: 139 Resp: 148376

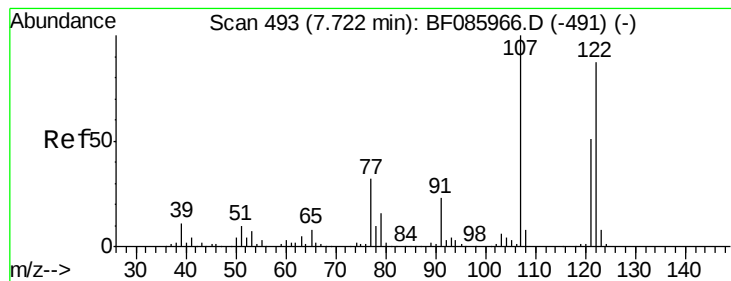
Ion Ratio Lower Upper

139 100

109 32.7 22.1 33.1

65 63.3 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 38.50 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

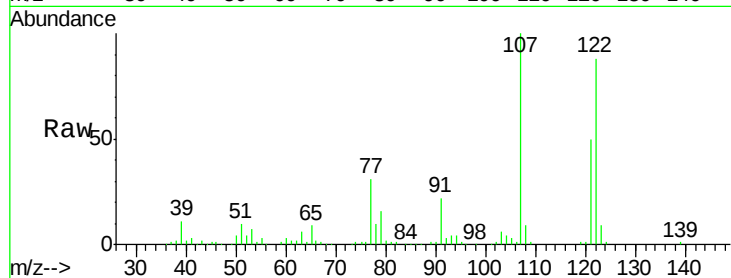
Tot Ion:122 Resp: 255753

Ion Ratio Lower Upper

122 100

107 113.6 93.0 139.6

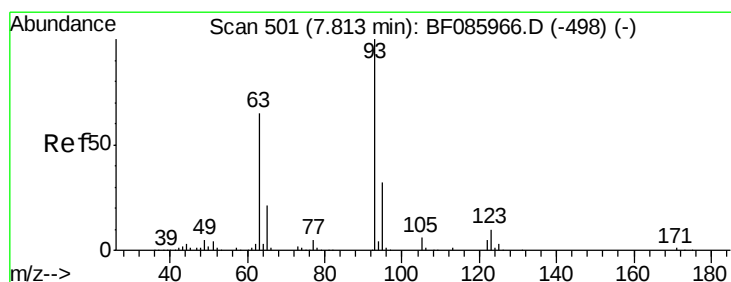
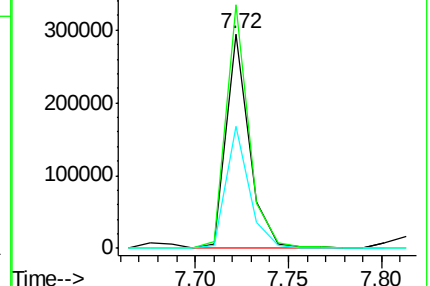
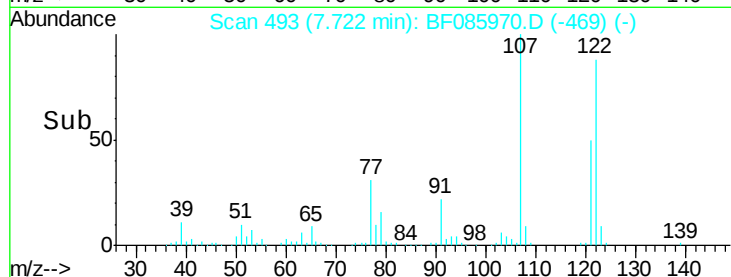
121 57.0 45.9 68.9



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: 37.87 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

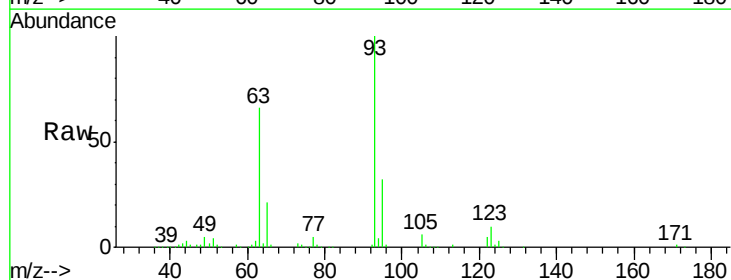
Tgt Ion: 93 Resp: 309894

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

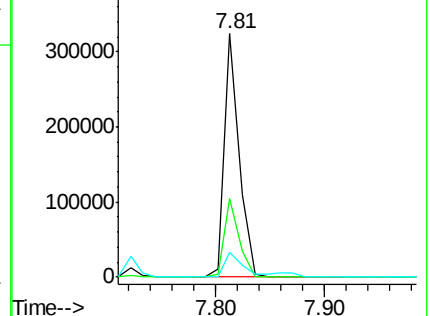
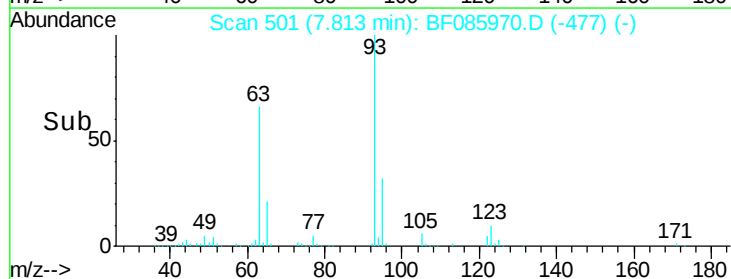
123 10.2 9.8 14.6

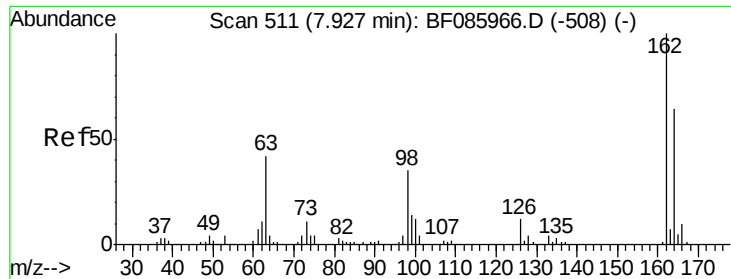


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

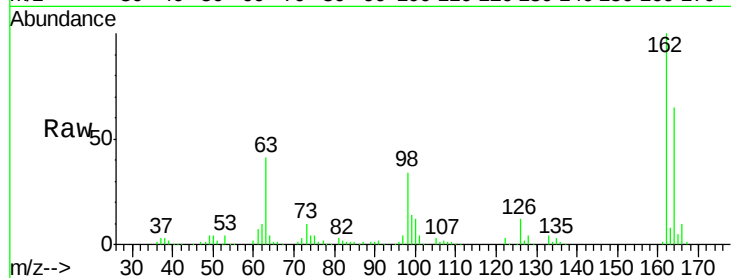




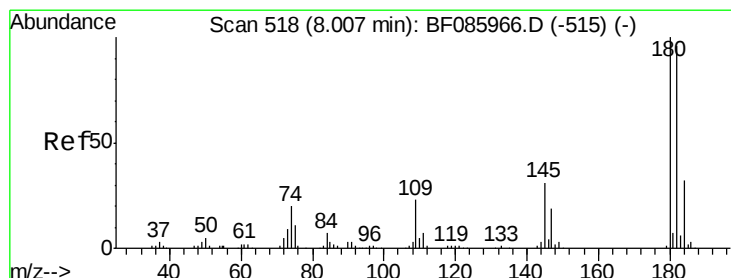
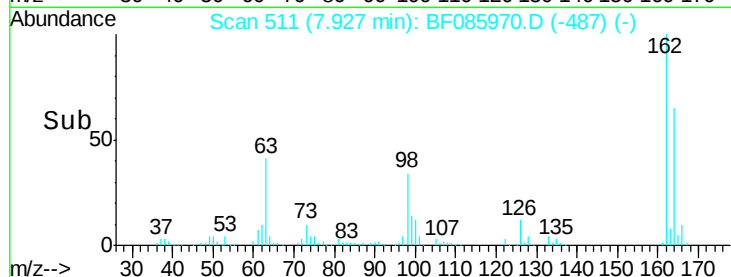
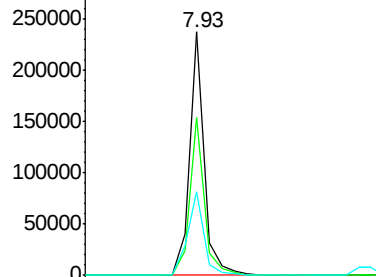
#29
 2,4-Dichlorophenol
 Concen: 39.85 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.7	83.7
98	34.3	20.4	60.4

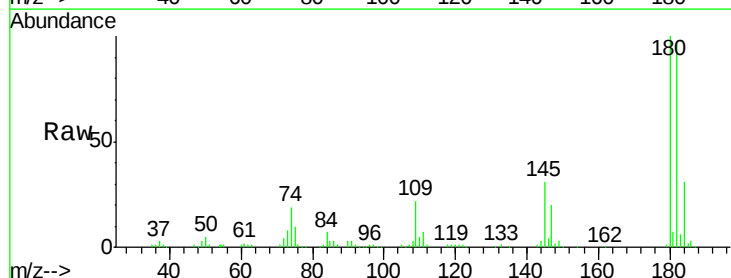


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

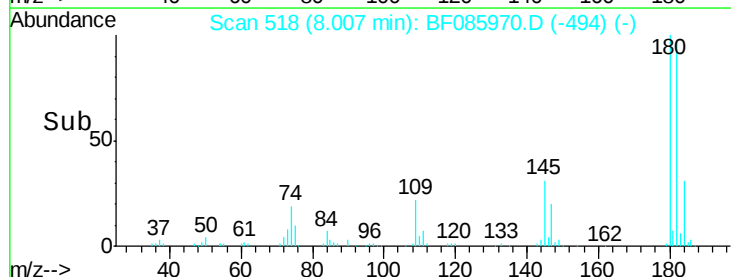
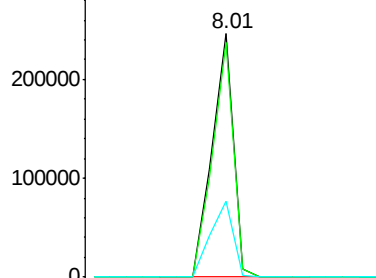


#30
 1,2,4-Trichlorobenzene
 Concen: 39.75 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	73.8	110.8
145	31.1	28.4	42.6



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





#31

Naphthalene

Concen: 39.38 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

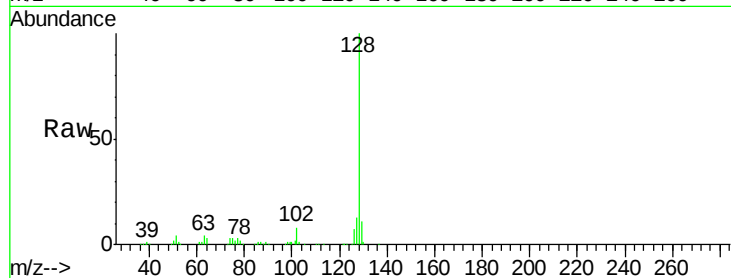
Tot Ion:128 Resp: 825318

Ion Ratio Lower Upper

128 100

129 10.9 9.4 14.0

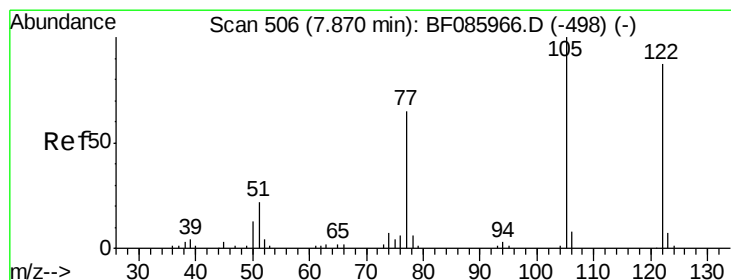
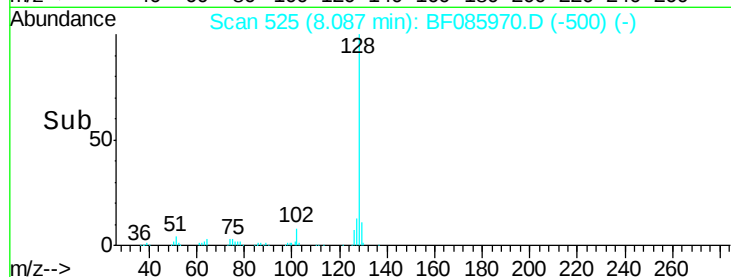
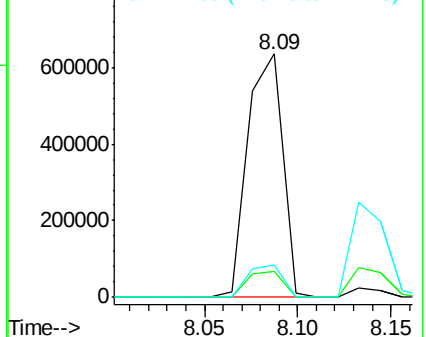
127 13.2 11.0 16.6



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: 42.53 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

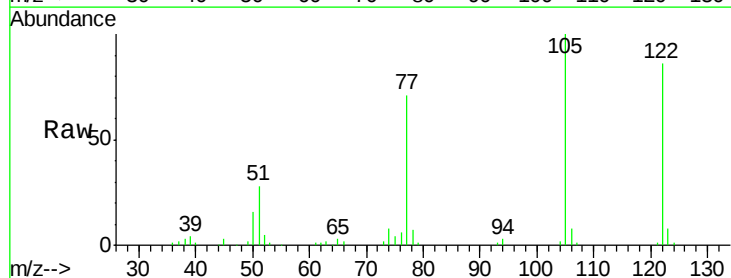
Tgt Ion:122 Resp: 207256

Ion Ratio Lower Upper

122 100

105 116.9 102.9 142.9

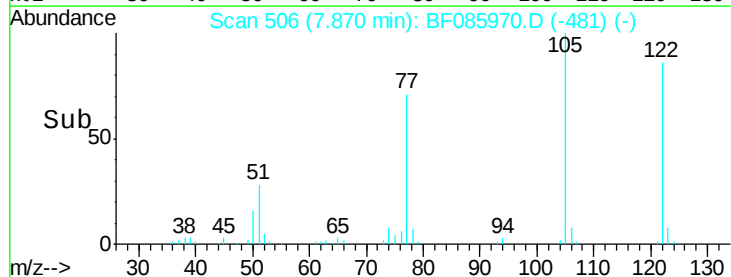
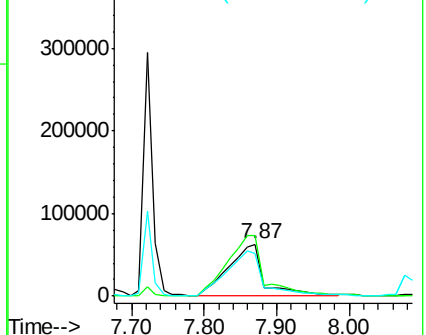
77 83.0 71.8 111.8

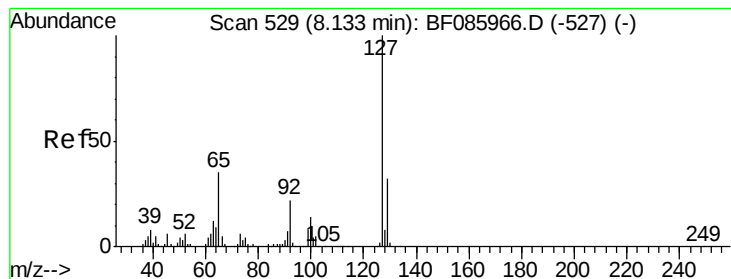


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.95 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

Tot Ion:127 Resp: 329800

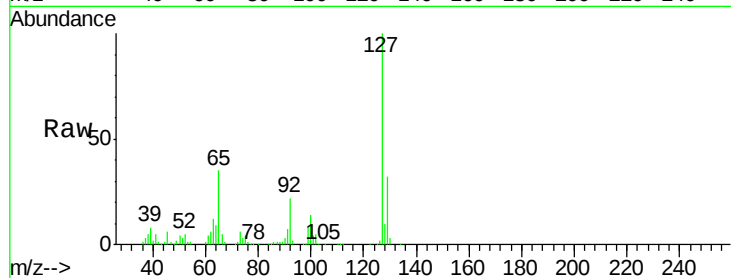
Ion Ratio Lower Upper

127 100

129 31.5 26.1 39.1

65 34.5 19.5 29.3#

92 22.0 14.6 22.0#

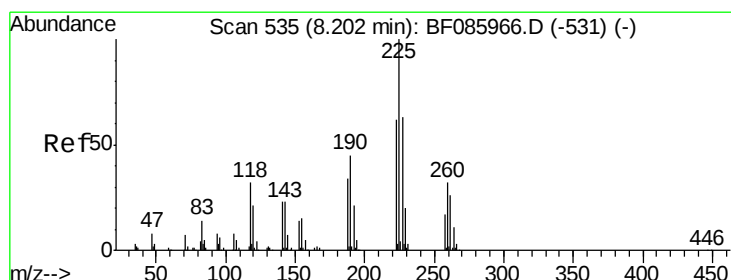
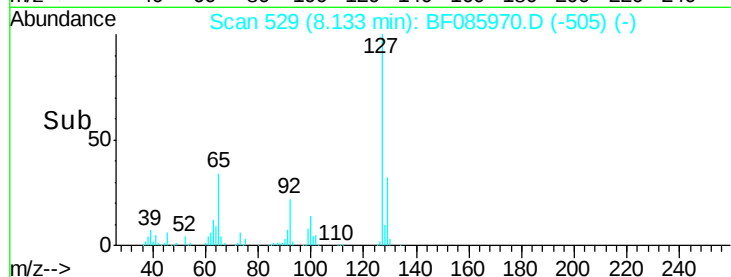
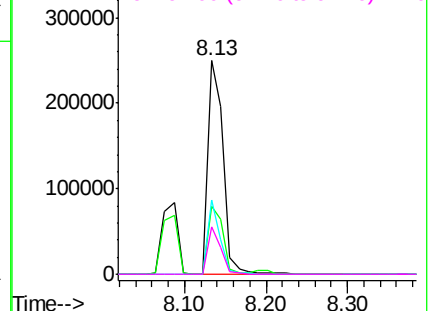


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.08 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

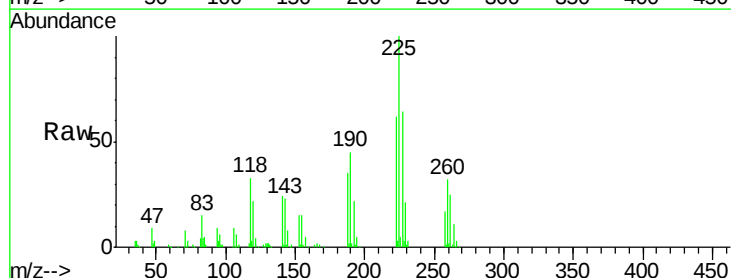
Tgt Ion:225 Resp: 135822

Ion Ratio Lower Upper

225 100

223 61.9 50.4 75.6

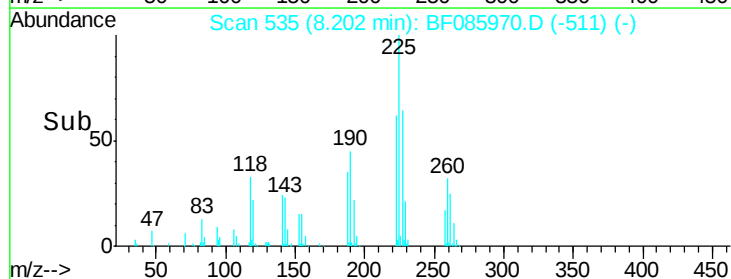
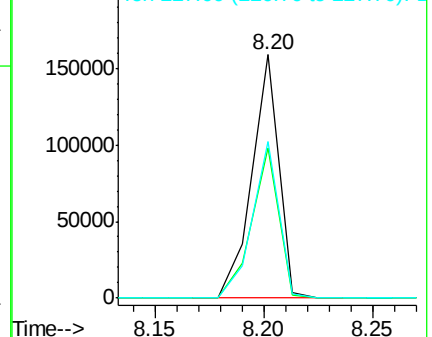
227 64.3 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.76 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

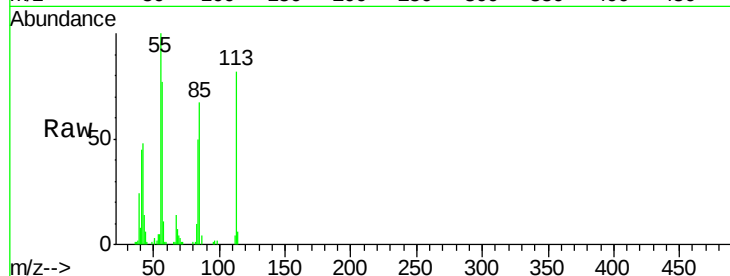
Tot Ion:113 Resp: 81519

Ion Ratio Lower Upper

113 100

55 121.6 139.4 179.4#

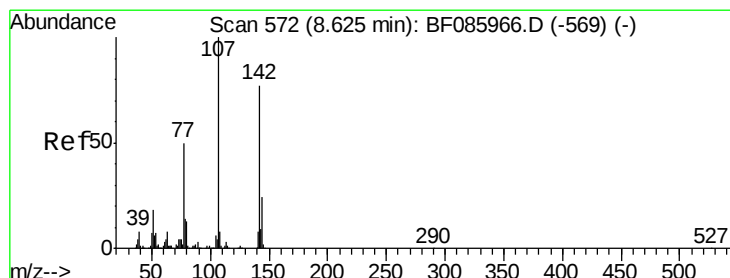
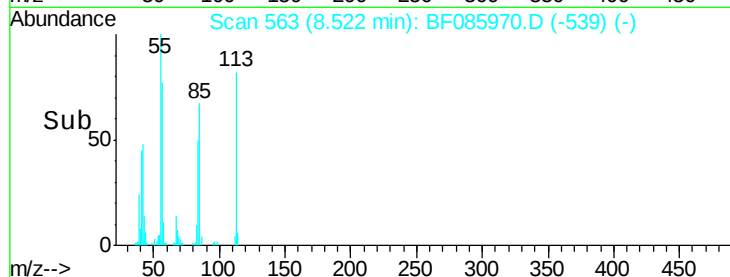
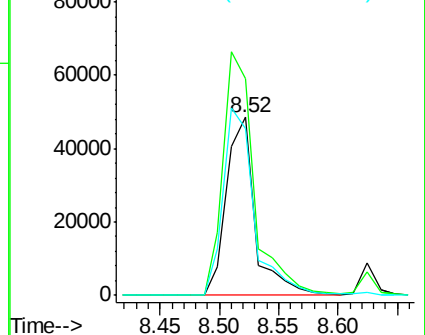
56 94.1 100.4 140.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.27 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

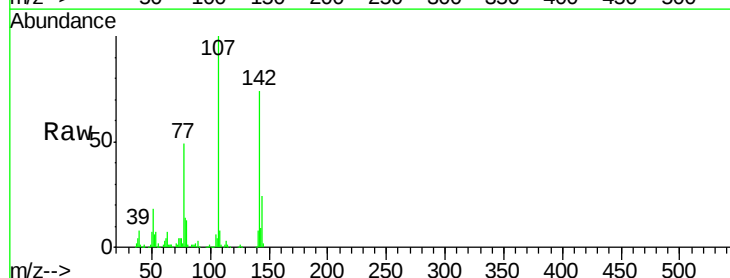
Tgt Ion:107 Resp: 260505

Ion Ratio Lower Upper

107 100

144 23.9 19.3 28.9

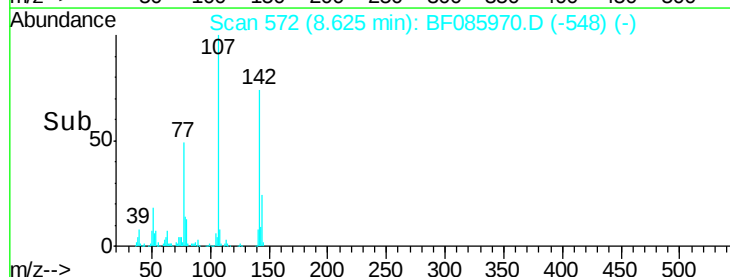
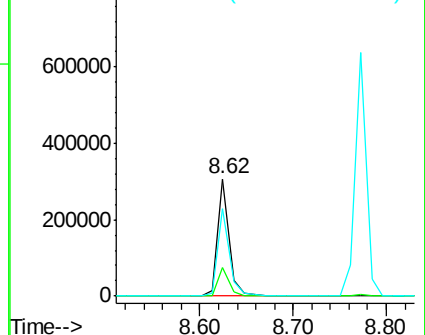
142 74.0 61.4 92.0

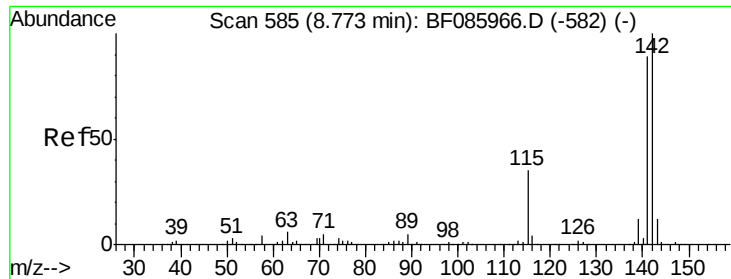


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

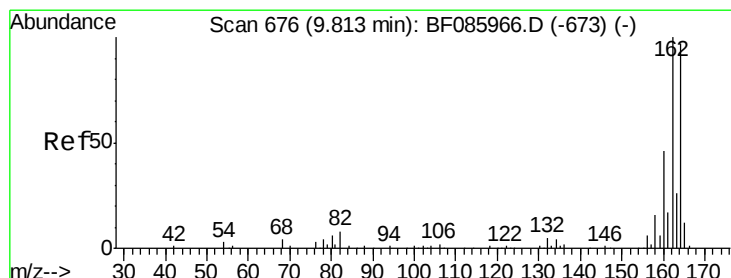
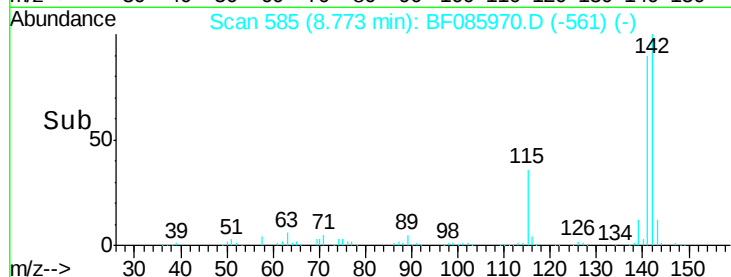
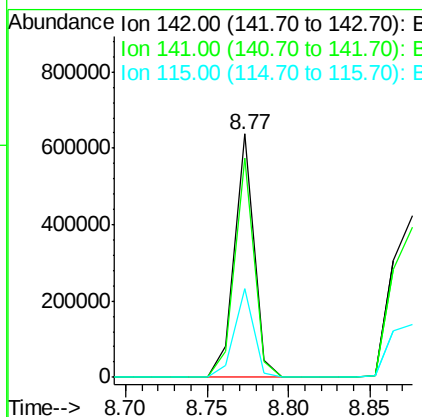
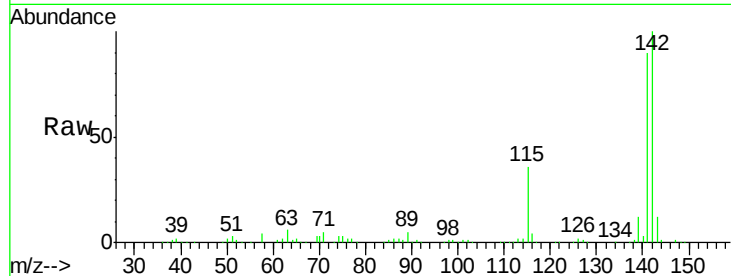




#37
 2-Methylnaphthalene
 Concen: 38.47 ng
 RT: 8.77 min Scan# 585
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

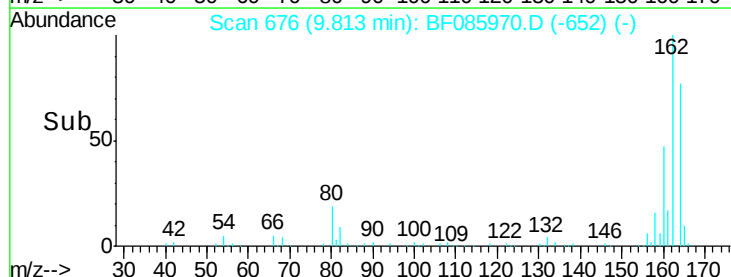
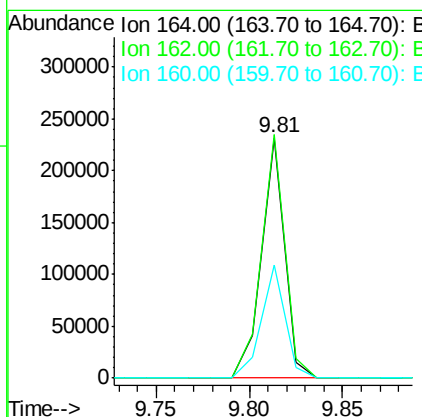
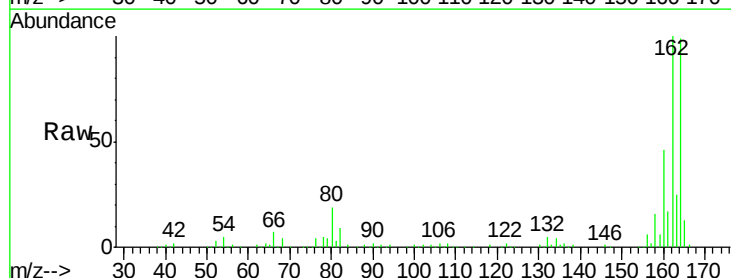
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

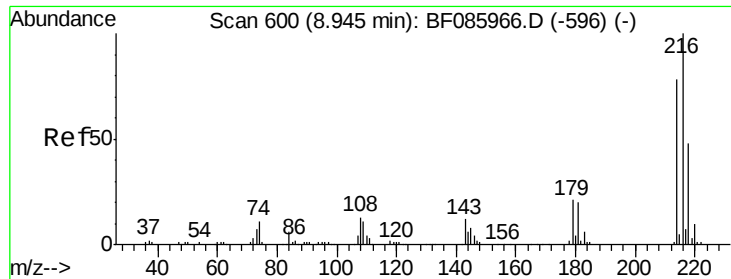
Tot Ion:142 Resp: 526661
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.6 107.4
 115 36.2 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Tgt Ion:164 Resp: 197486
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.1 123.1
 160 47.1 37.4 56.2

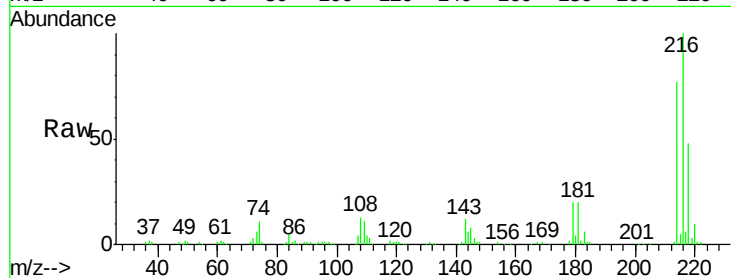




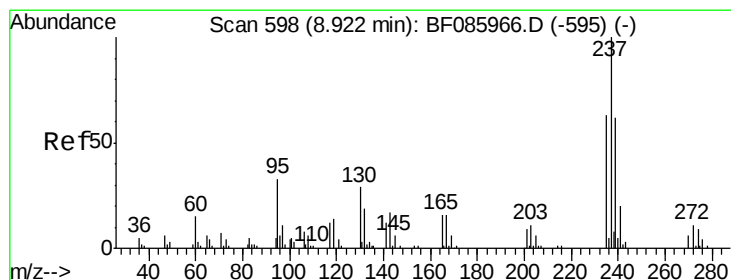
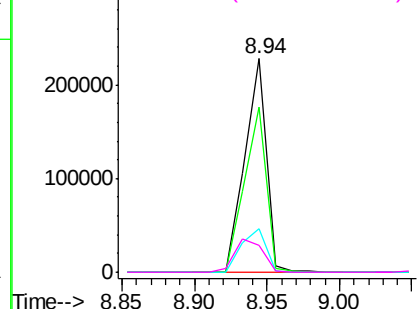
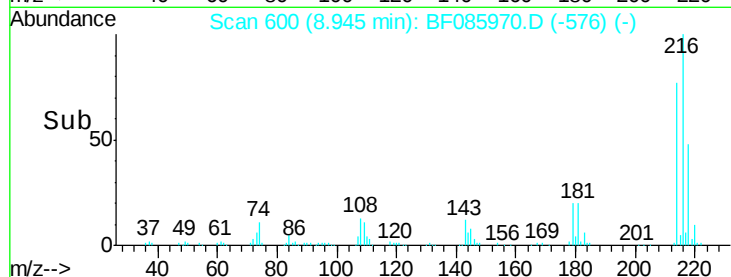
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.57 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

Tot Ion:216	Resp:	234849
Ion Ratio	Lower	Upper
216	100	
214	78.5	63.1 94.7
179	22.9	18.2 27.2
108	20.8	17.3 25.9

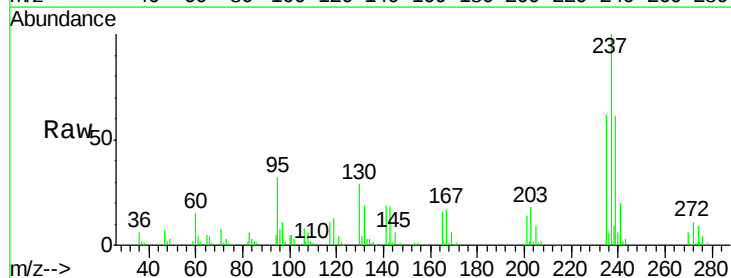


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

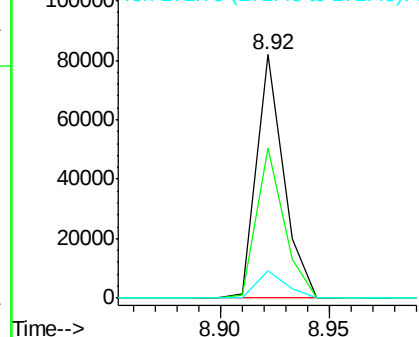
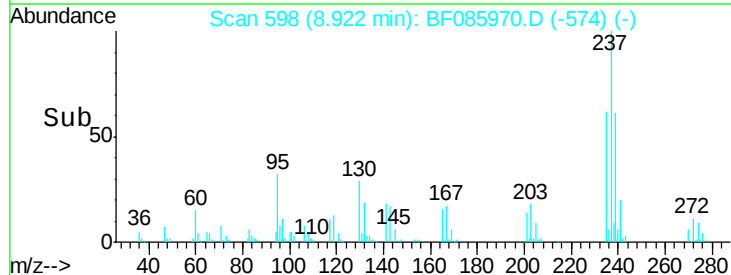


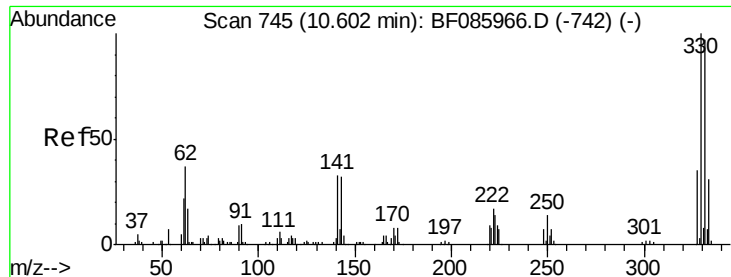
#40
 Hexachlorocyclopentadiene
 Concen: 40.01 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Tgt Ion:237	Resp:	71081
Ion Ratio	Lower	Upper
237	100	
235	61.9	43.7 83.7
272	11.1	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

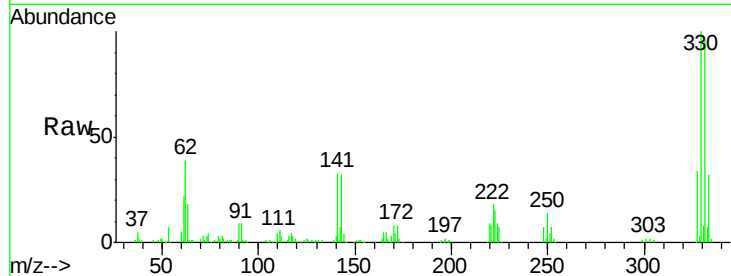




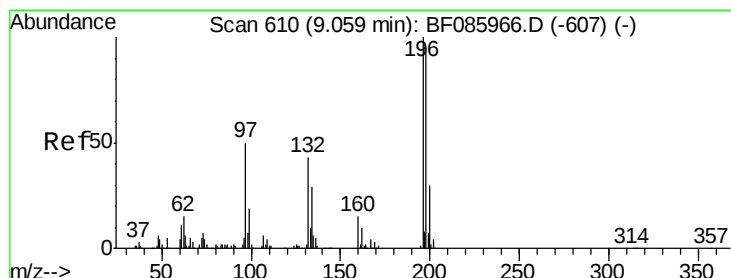
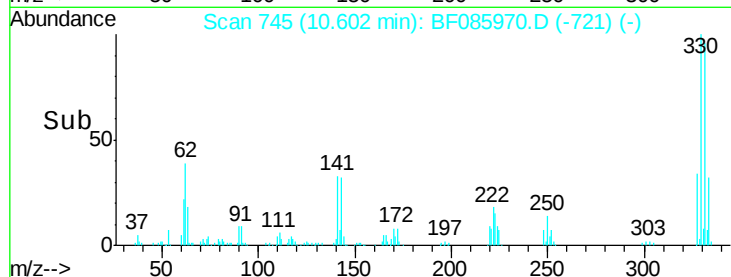
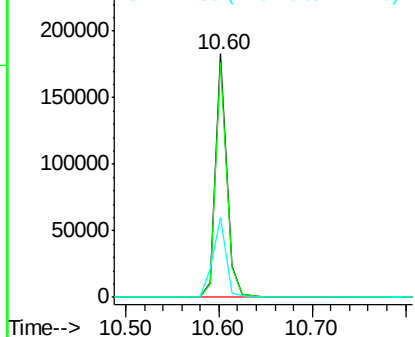
#41
 2,4,6-Tribromophenol
 Concen: 82.75 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

Tot Ion:330 Resp: 153390
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 39.0 31.5 47.3

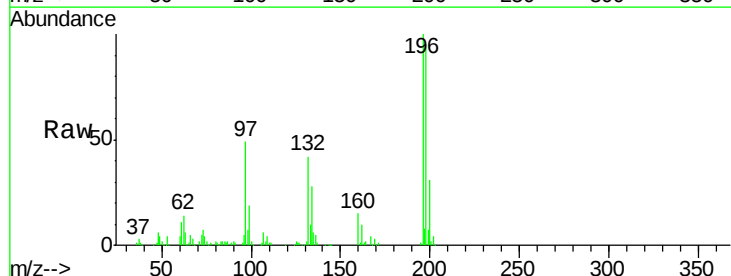


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

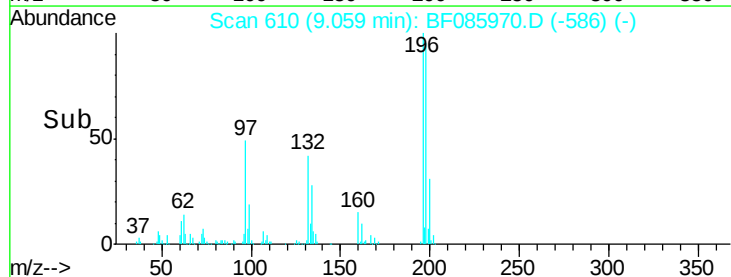
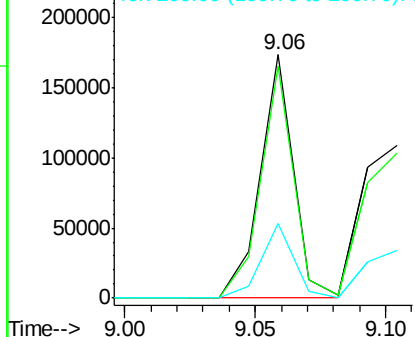


#42
 2,4,6-Trichlorophenol
 Concen: 39.96 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Tgt Ion:196 Resp: 152324
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.3 112.9
 200 30.6 23.7 35.5



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

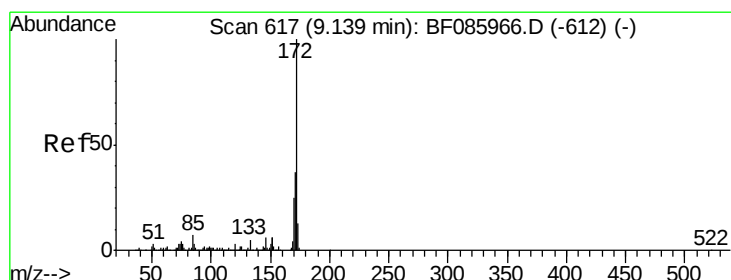
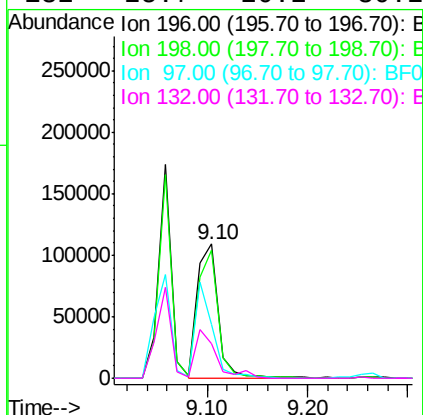
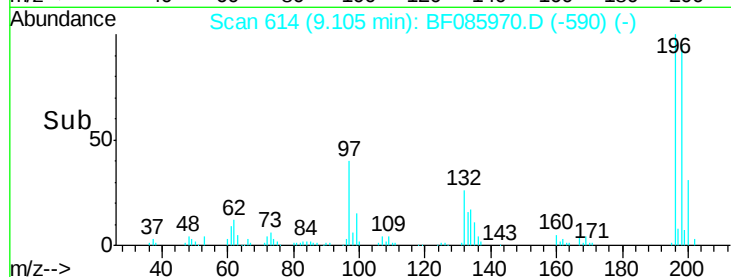
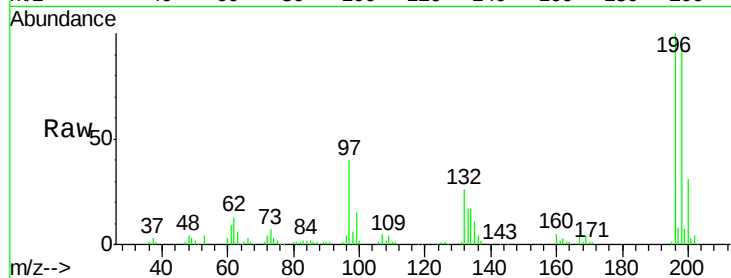




#43
 2,4,5-Trichlorophenol
 Concen: 40.60 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

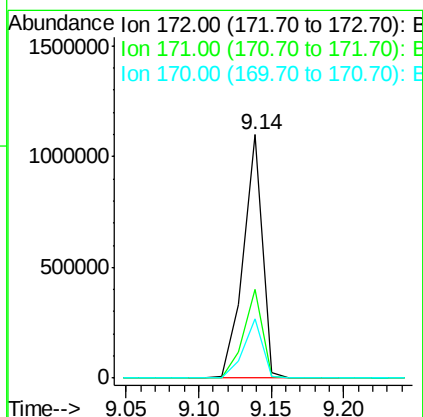
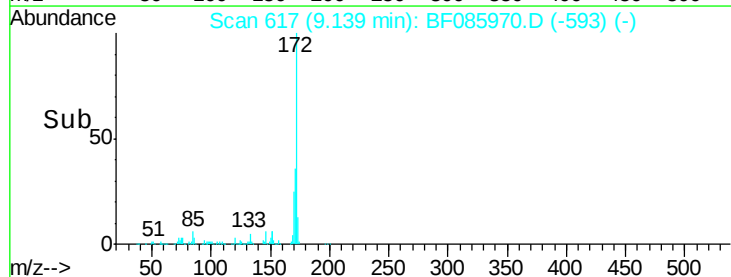
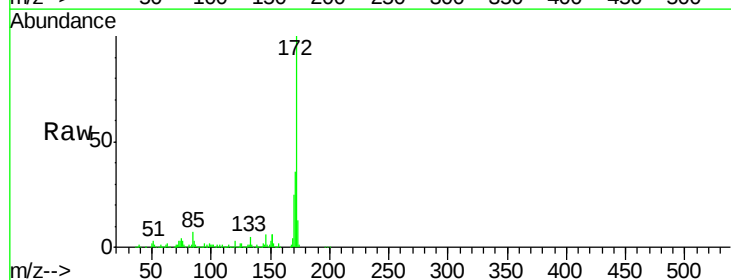
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

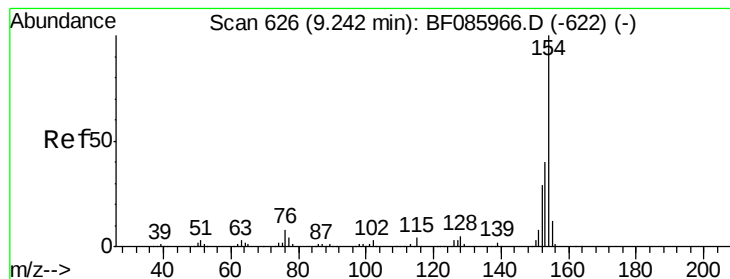
Tot Ion:196	Resp:	157116
Ion	Ratio	Lower Upper
196	100	
198	95.3	76.6 114.8
97	40.4	30.5 45.7
132	25.7	20.2 30.2



#44
 2-Fluorobiphenyl
 Concen: 84.79 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Tgt Ion:172	Resp:	1007133
Ion	Ratio	Lower Upper
172	100	
171	36.3	29.4 44.2
170	24.6	19.8 29.6





#45

1,1'-Biphenyl

Concen: 40.27 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

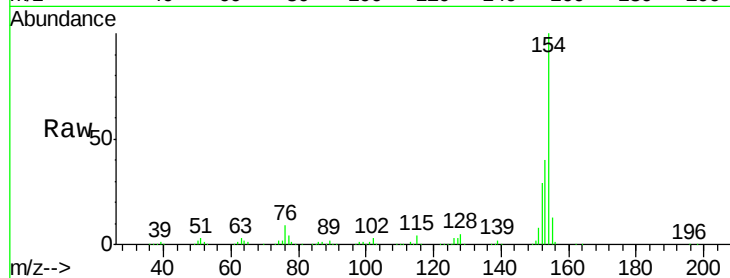
Tot Ion:154 Resp: 685679

Ion Ratio Lower Upper

154 100

153 39.9 20.8 60.8

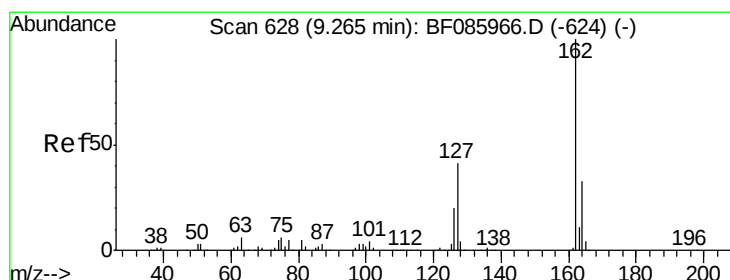
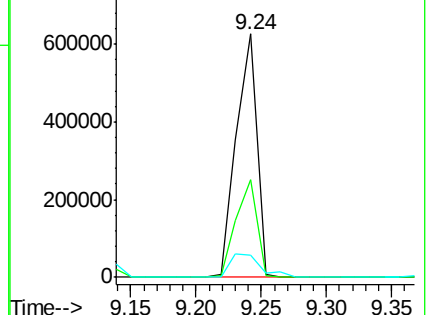
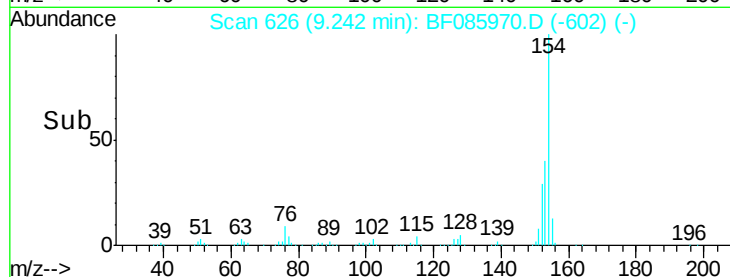
76 9.2 0.0 36.7



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: 42.60 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

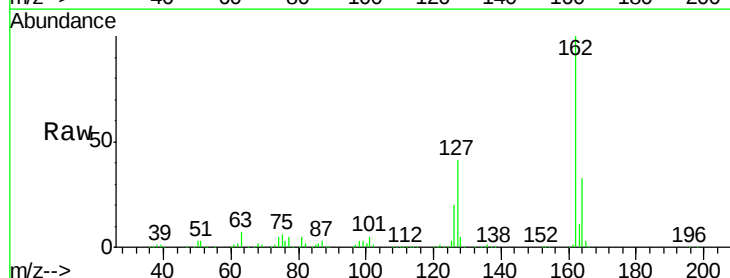
Tgt Ion:162 Resp: 525783

Ion Ratio Lower Upper

162 100

127 41.2 31.7 47.5

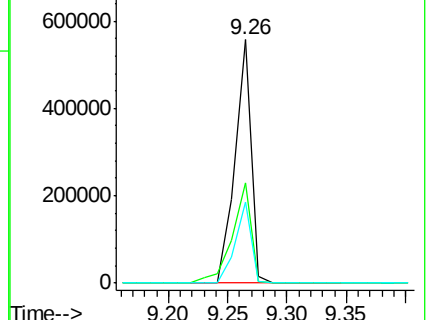
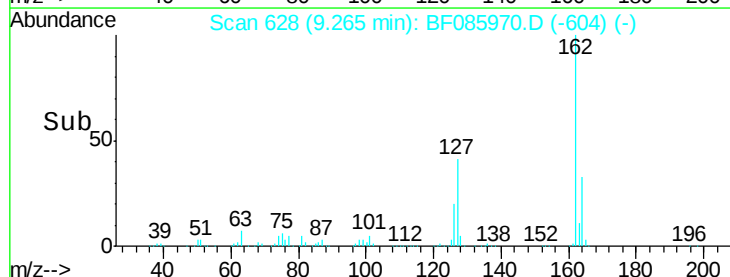
164 33.1 27.3 40.9

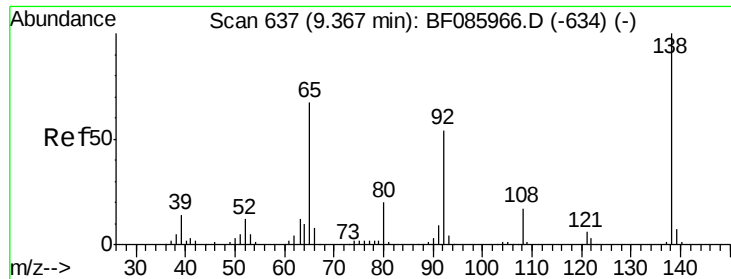


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

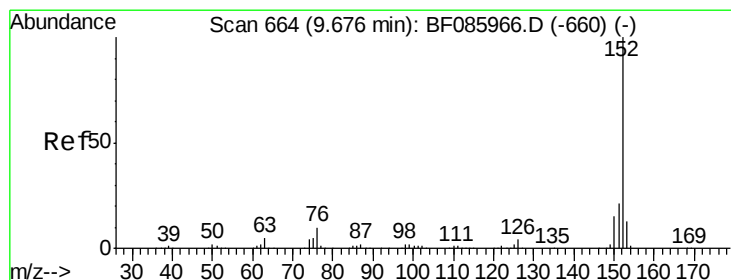
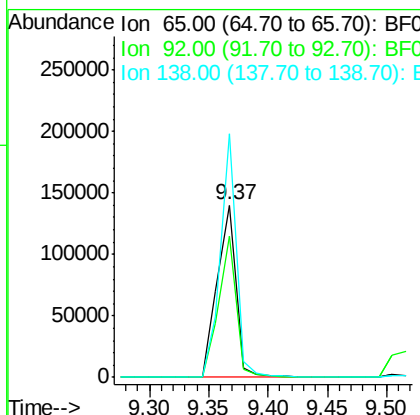
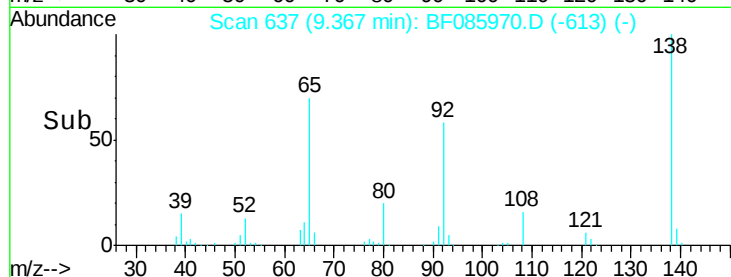
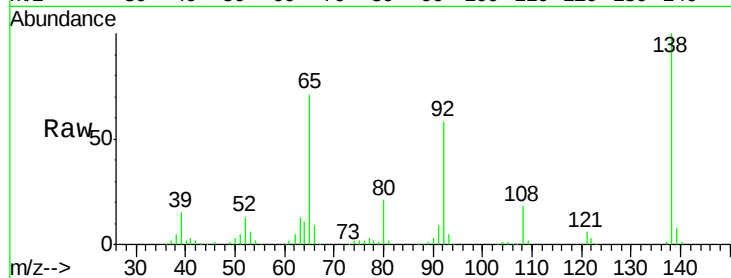




#47
 2-Nitroaniline
 Concen: 42.53 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

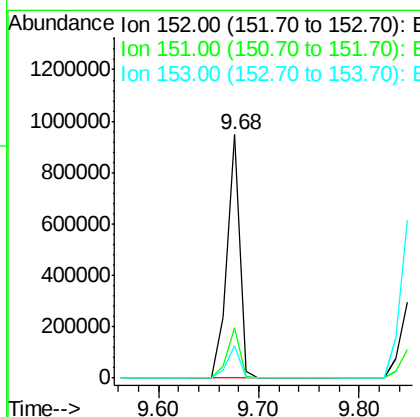
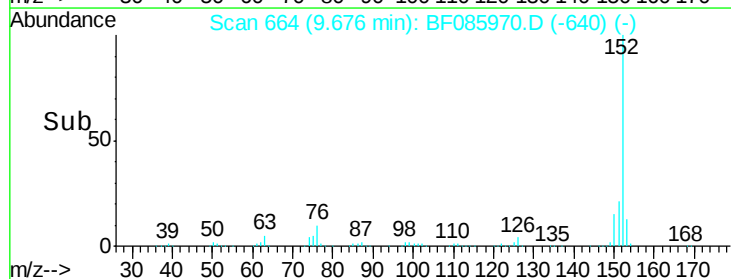
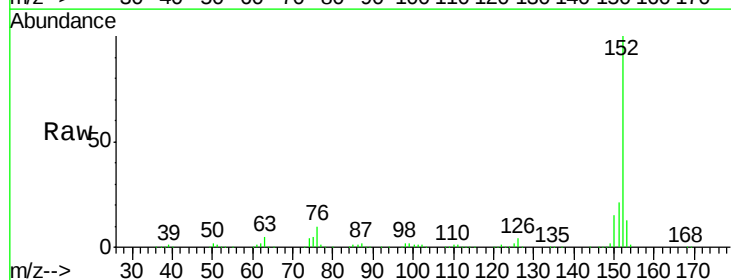
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

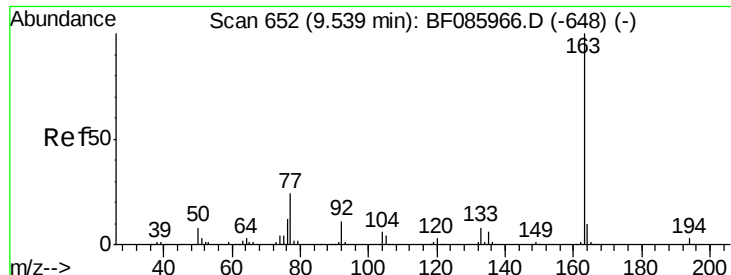
Tot Ion: 65 Resp: 153615
 Ion Ratio Lower Upper
 65 100
 92 82.3 59.7 89.5
 138 141.5 91.4 137.0#



#48
 Acenaphthylene
 Concen: 42.16 ng
 RT: 9.68 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Tgt Ion:152 Resp: 833638
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 13.3 10.9 16.3

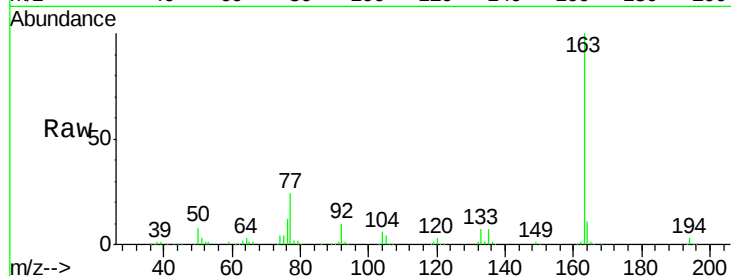




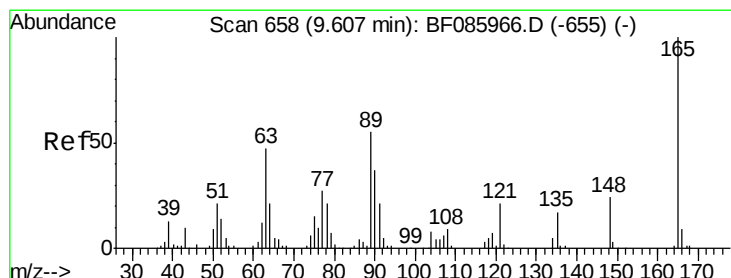
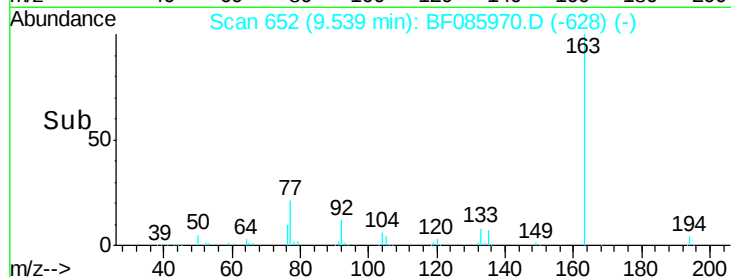
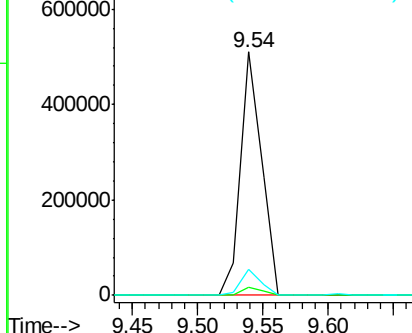
#49
Dimethylphthalate
Concen: 38.91 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Instrument :
BNA_F
ClientSampleId :
ICVBF040216

Tot Ion:163 Resp: 569497
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.6 8.3 12.5

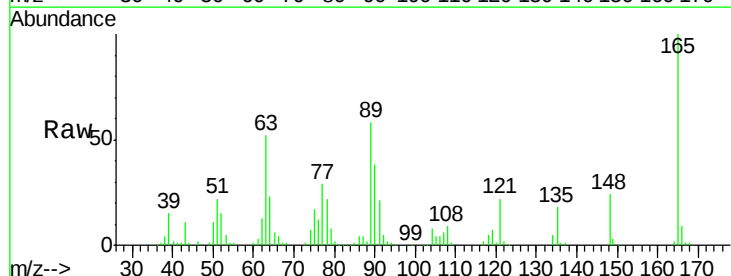


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

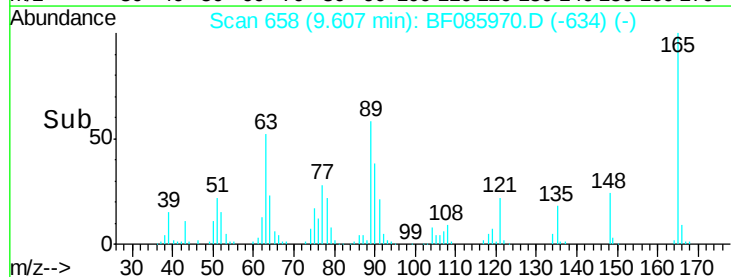
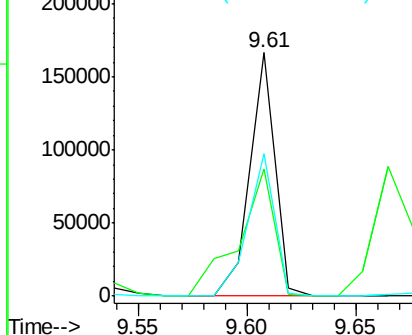


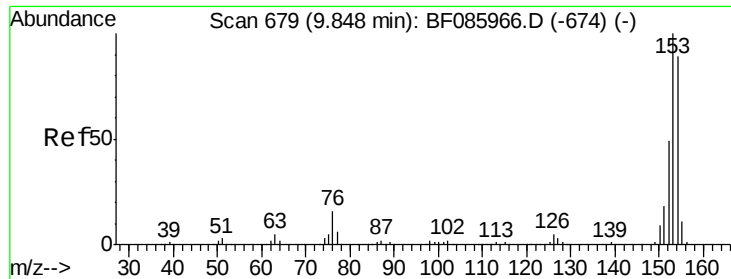
#50
2,6-Dinitrotoluene
Concen: 43.33 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Tgt Ion:165 Resp: 134176
Ion Ratio Lower Upper
165 100
63 52.1 51.8 77.8
89 58.4 53.7 80.5



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





#51

Acenaphthene

Concen: 40.76 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

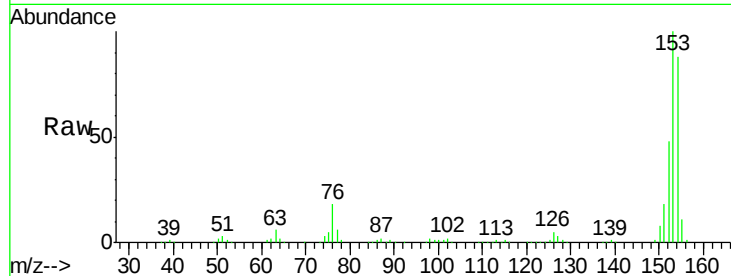
Tot Ion:154 Resp: 479285

Ion Ratio Lower Upper

154 100

153 113.5 90.1 135.1

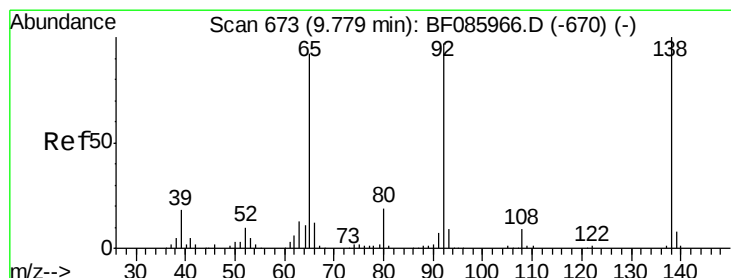
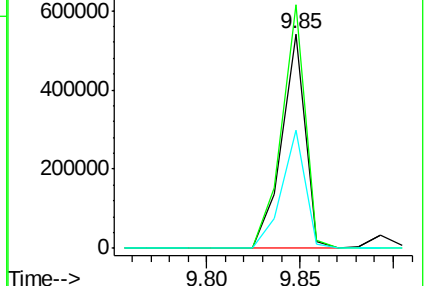
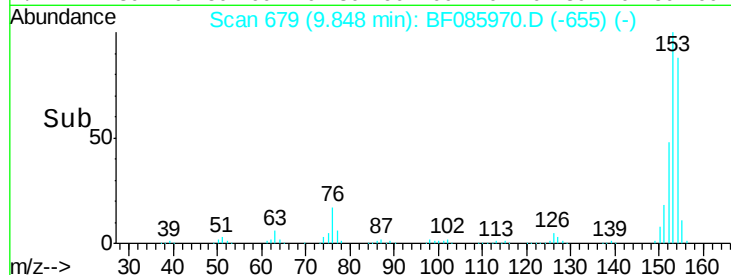
152 54.9 44.2 66.2



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: 43.52 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

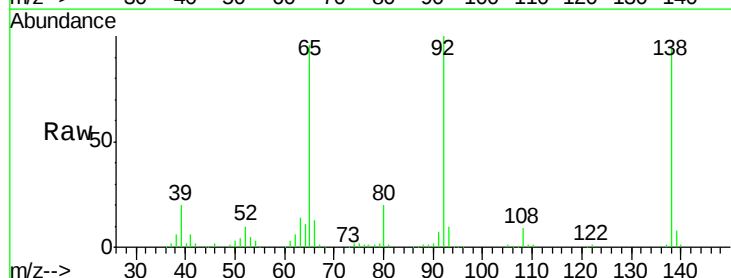
Tgt Ion:138 Resp: 162430

Ion Ratio Lower Upper

138 100

108 9.7 8.7 13.1

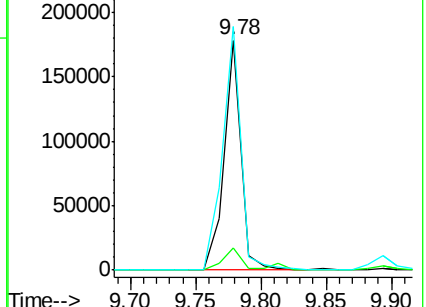
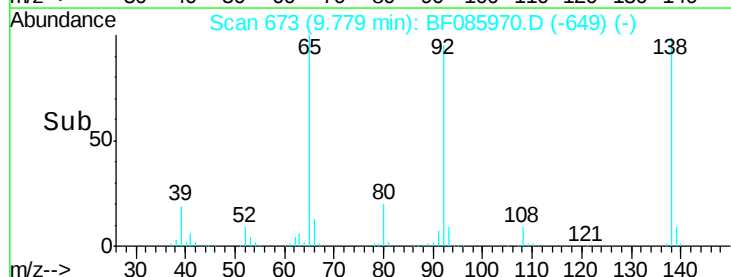
92 105.8 93.3 139.9

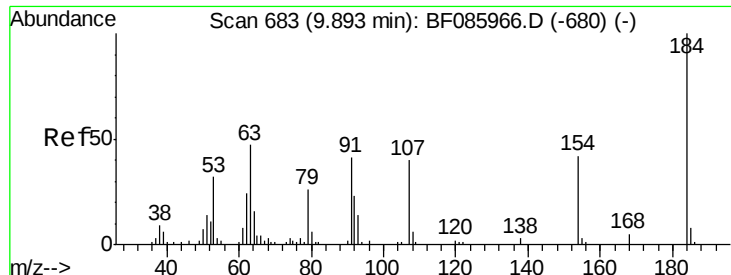


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

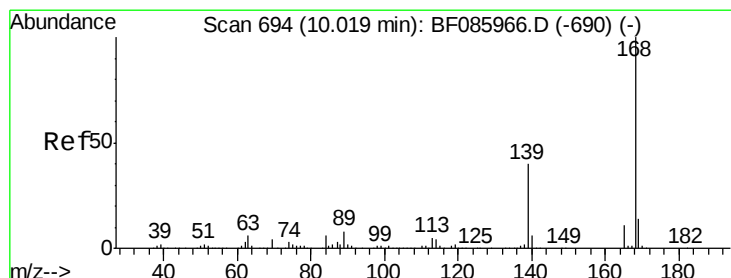
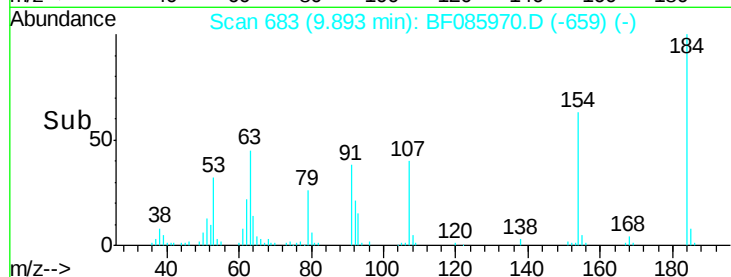
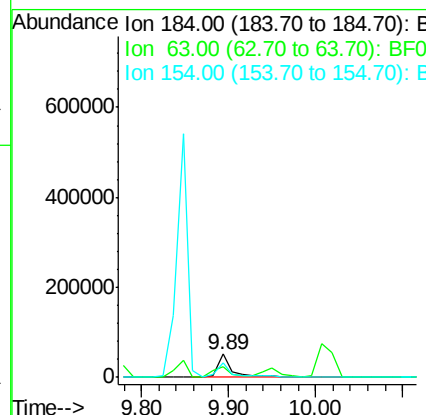
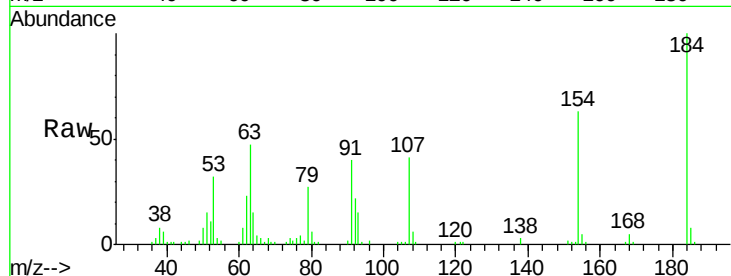




#53
2,4-Dinitrophenol
Concen: 40.74 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

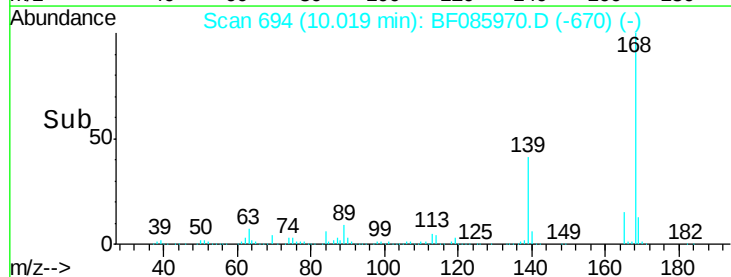
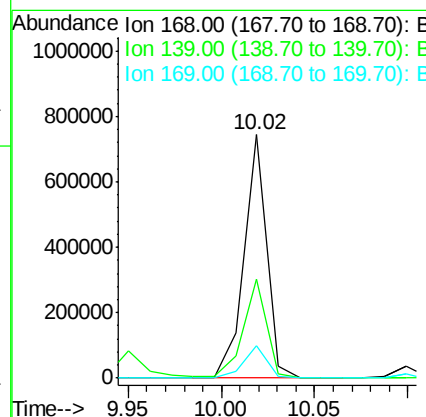
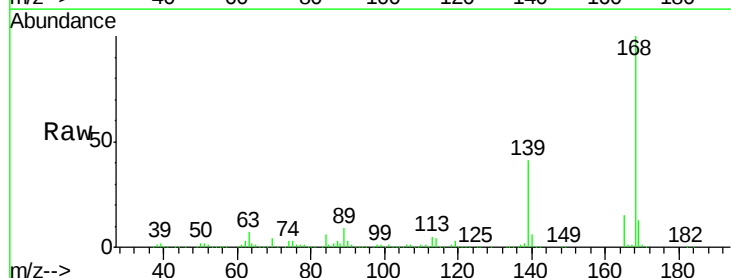
Instrument :
BNA_F
ClientSampleId :
ICVBF040216

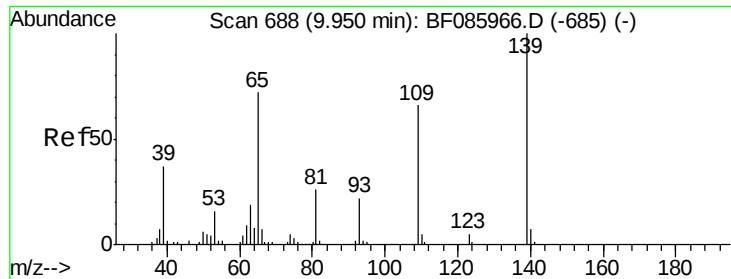
Tot Ion:184 Resp: 63112
Ion Ratio Lower Upper
184 100
63 47.5 69.5 104.3#
154 62.9 58.3 87.5



#54
Dibenzofuran
Concen: 40.77 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Tgt Ion:168 Resp: 633256
Ion Ratio Lower Upper
168 100
139 40.7 31.9 47.9
169 13.4 11.0 16.6

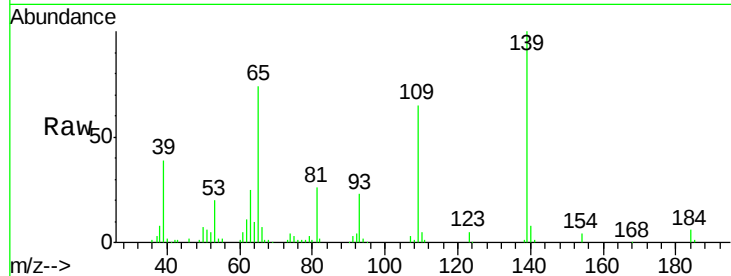




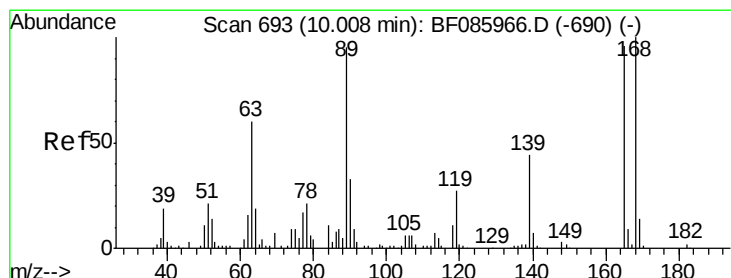
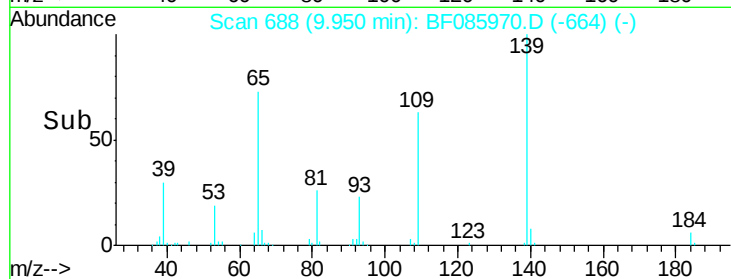
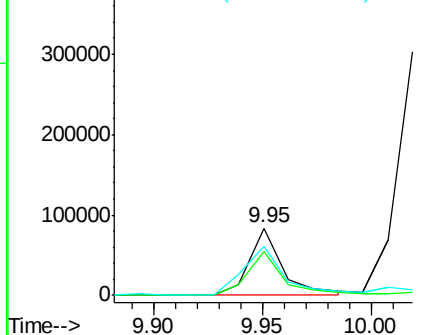
#55
4-Nitrophenol
Concen: 40.72 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Instrument :
BNA_F
ClientSampleId :
ICVBF040216

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.1	49.2	89.2
65	73.8	66.9	106.9



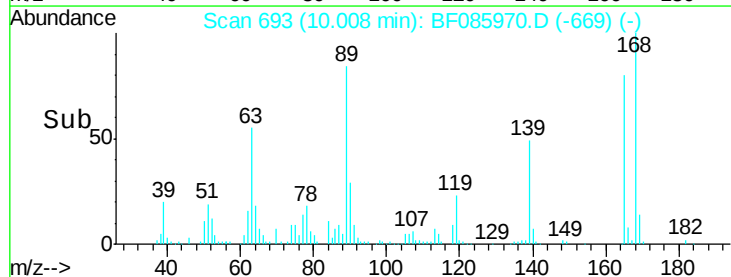
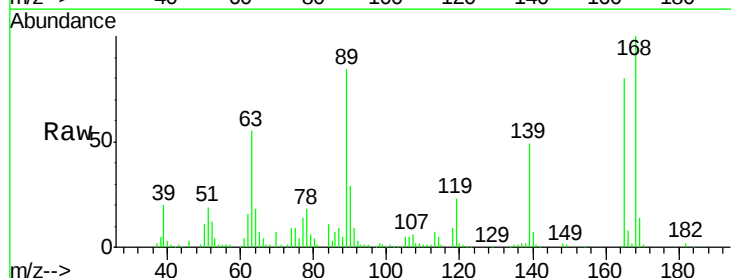
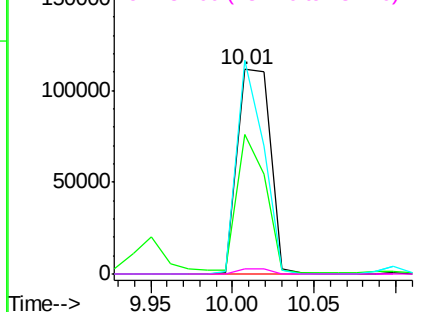
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

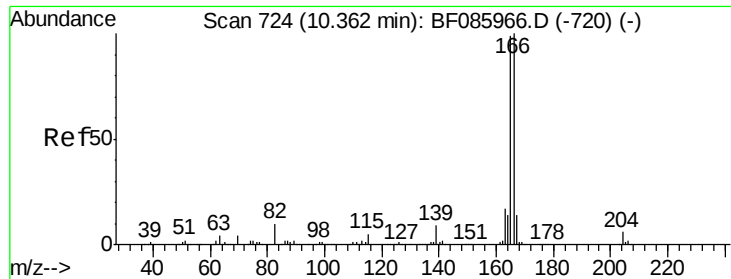


#56
2,4-Dinitrotoluene
Concen: 39.58 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.5	24.9	37.3#
89	104.6	41.0	61.6#
182	2.2	2.1	3.1

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





#57

Fluorene

Concen: 41.13 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

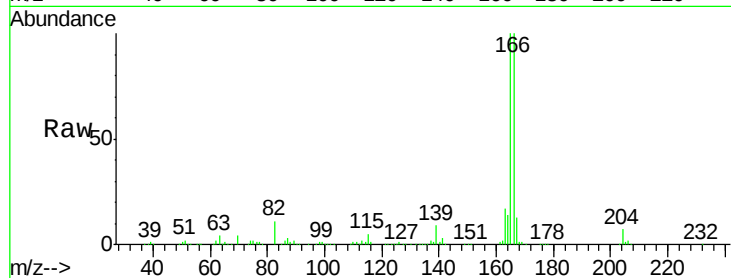
Tot Ion:166 Resp: 545658

Ion Ratio Lower Upper

166 100

165 100.5 79.4 119.0

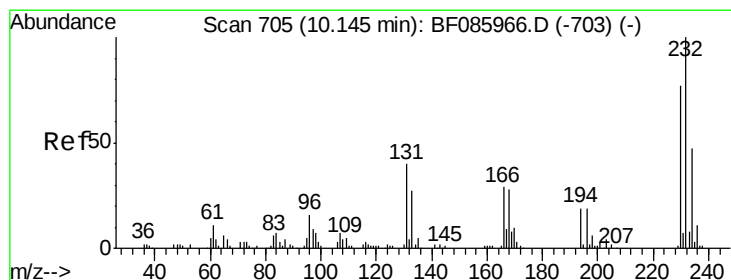
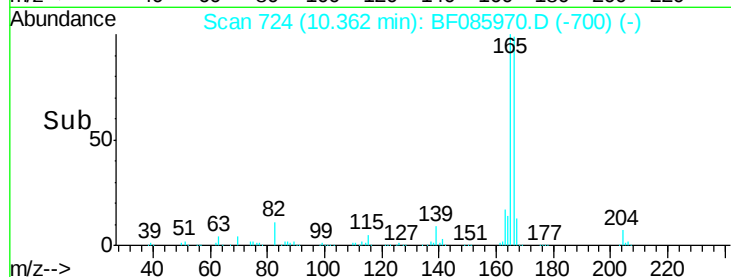
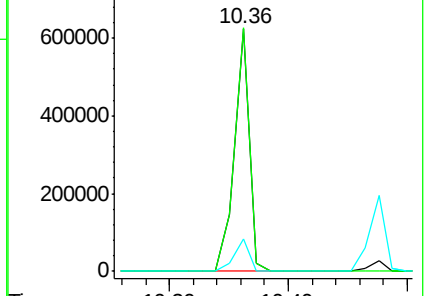
167 13.5 11.0 16.4



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: 39.41 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Tgt Ion:232 Resp: 113566

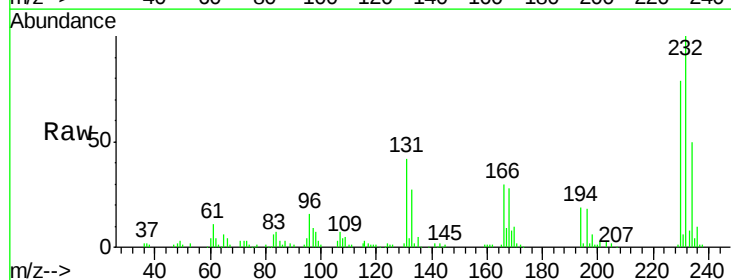
Ion Ratio Lower Upper

232 100

131 55.2 44.9 67.3

130 2.7 2.3 3.5

166 33.2 28.1 42.1

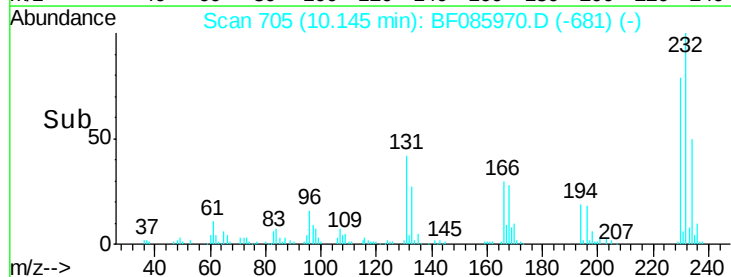
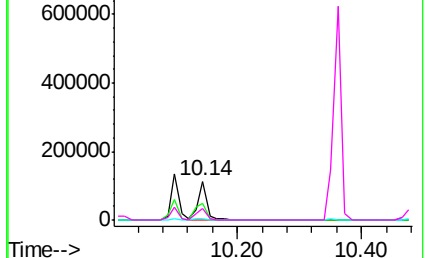


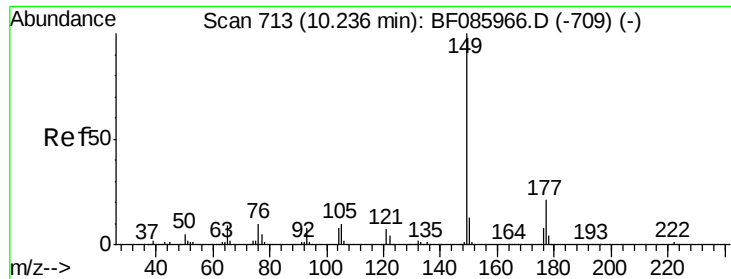
Abundance Ion 232.00 (231.70 to 232.70): E

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

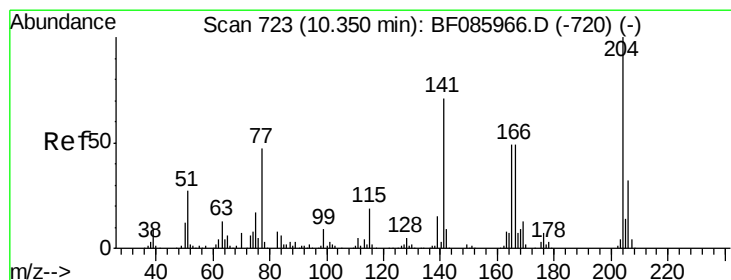
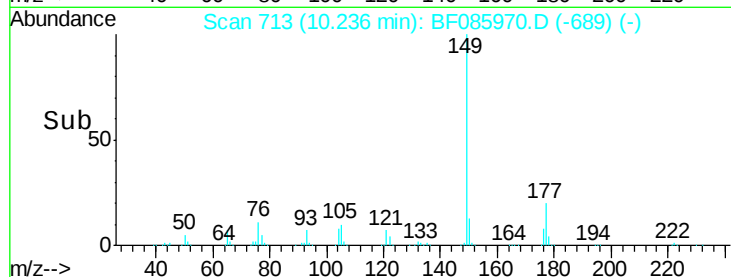
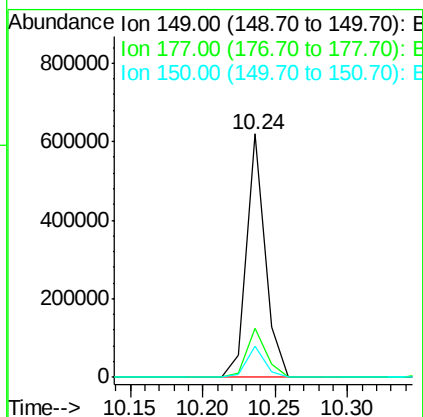
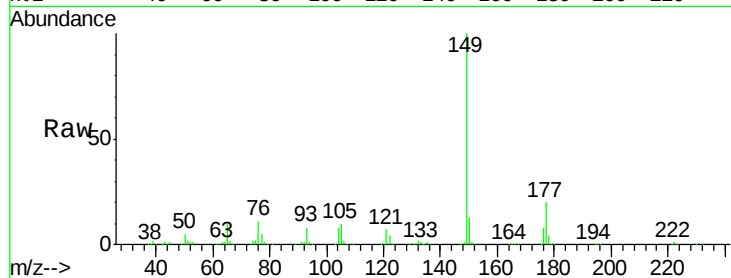




#59
Diethylphthalate
Concen: 37.41 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

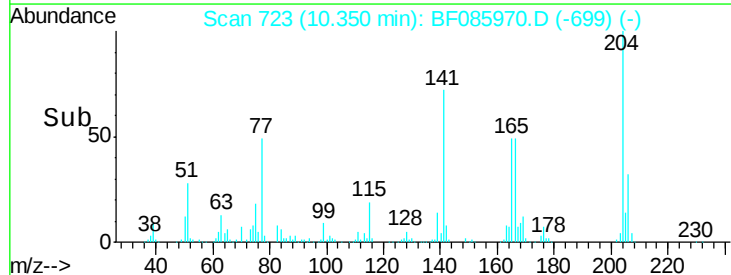
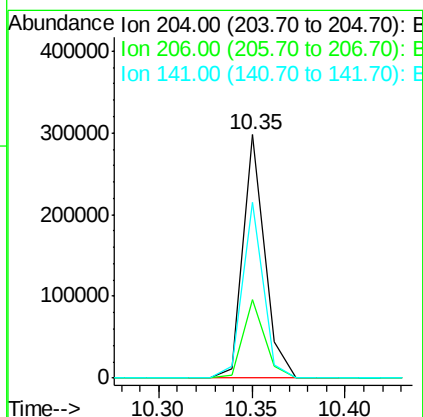
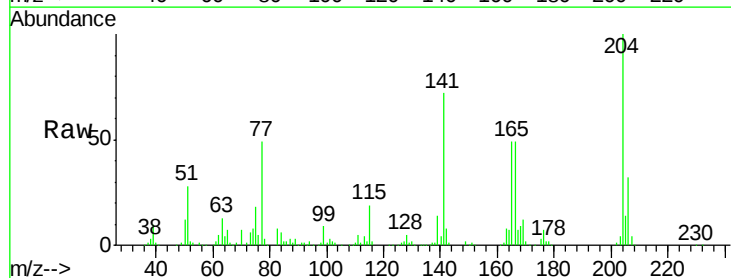
Instrument :
BNA_F
ClientSampleId :
ICVBF040216

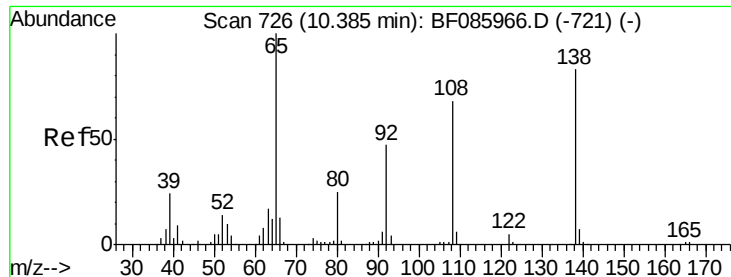
Tot Ion:149 Resp: 552668
Ion Ratio Lower Upper
149 100
177 20.3 17.9 26.9
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.35 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Tgt Ion:204 Resp: 243172
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 72.4 57.4 86.0

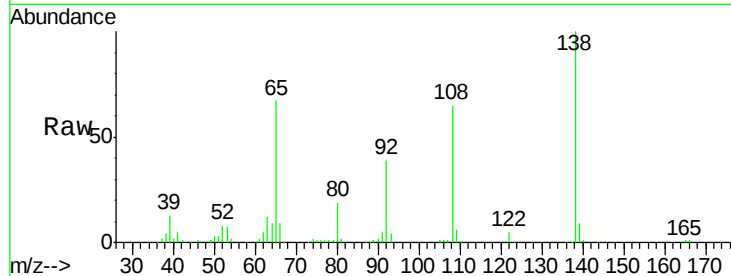




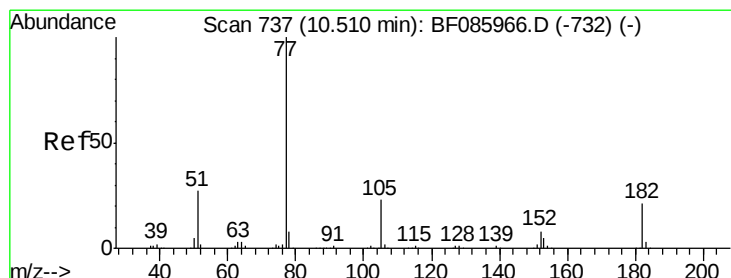
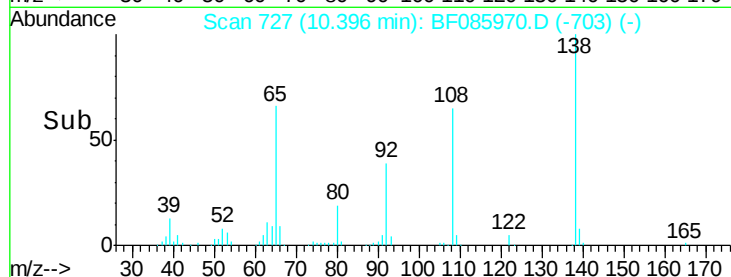
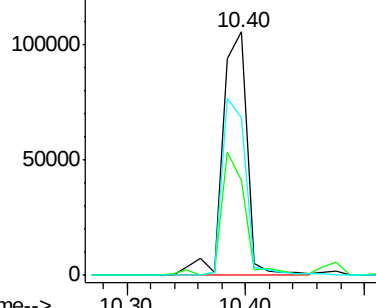
#61
4-Nitroaniline
Concen: 41.44 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Instrument :
BNA_F
ClientSampleId :
ICVBF040216

Tot Ion:138 Resp: 152315
Ion Ratio Lower Upper
138 100
92 39.0 26.4 66.4
108 65.0 49.0 89.0

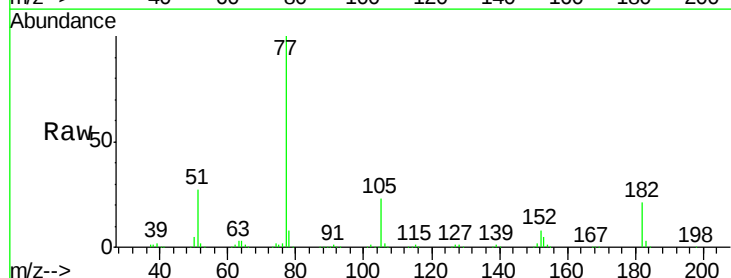


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

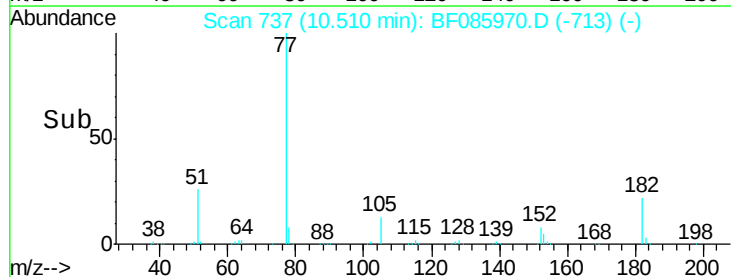
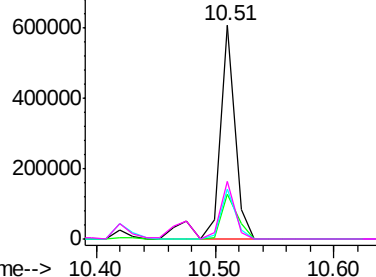


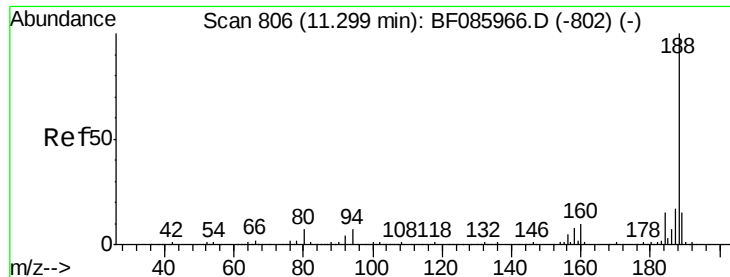
#62
Azobenzene
Concen: 40.29 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Tgt Ion: 77 Resp: 570107
Ion Ratio Lower Upper
77 100
182 20.9 1.9 41.9
105 23.2 3.5 43.5
51 26.9 6.3 46.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

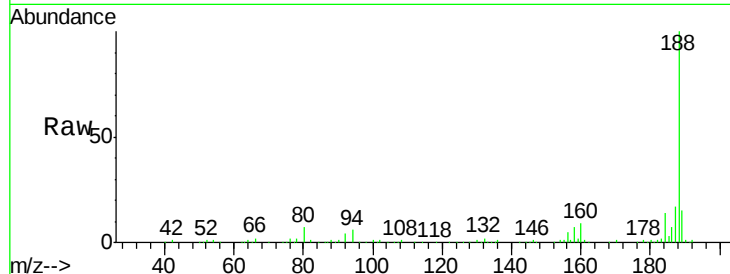




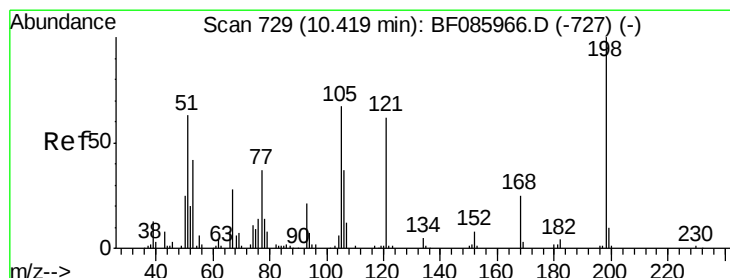
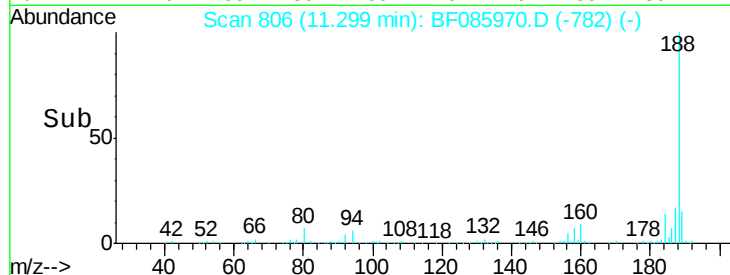
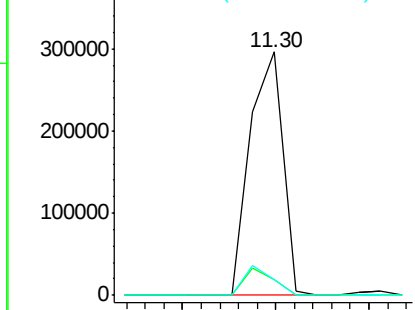
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Instrument :
BNA_F
ClientSampleId :
ICVBF040216

Tot Ion:188 Resp: 361803
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 6.5 5.5 8.3

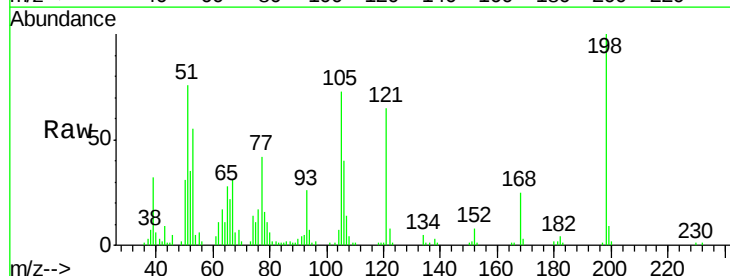


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

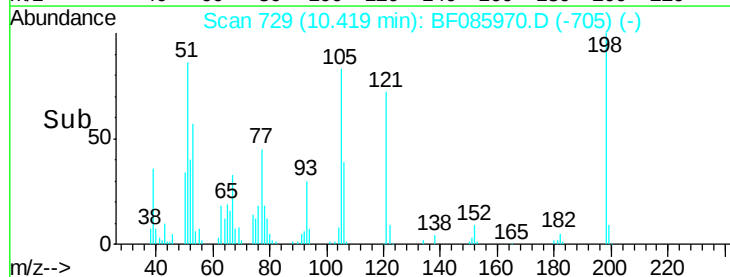
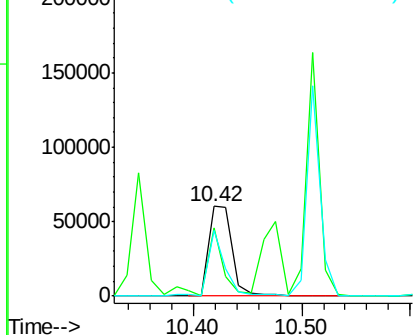


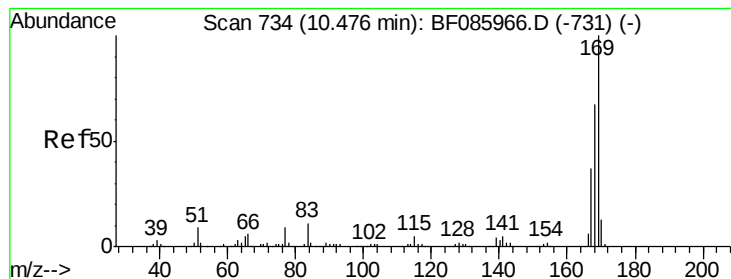
#64
4,6-Dinitro-2-methylphenol
Concen: 41.55 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Tgt Ion:198 Resp: 91096
Ion Ratio Lower Upper
198 100
51 75.6 45.4 85.4
105 73.4 45.9 85.9



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: 42.74 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

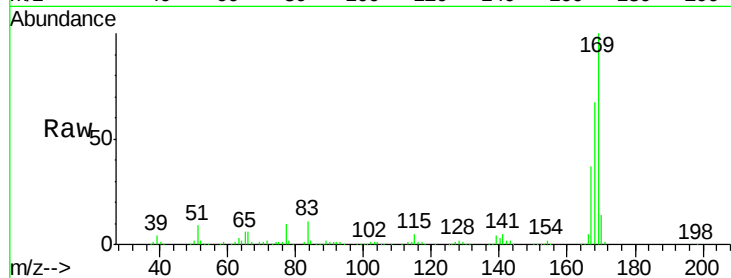
Tot Ion:169 Resp: 483558

Ion Ratio Lower Upper

169 100

168 66.8 54.4 81.6

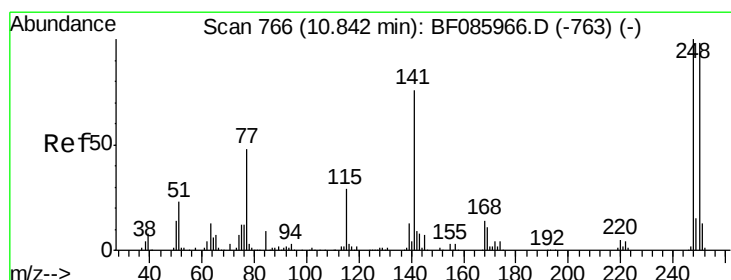
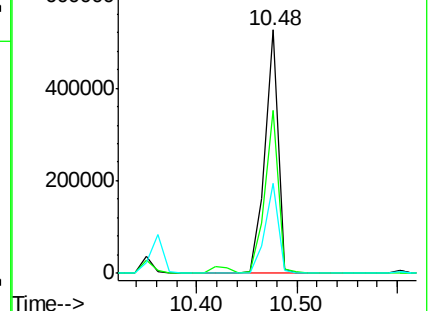
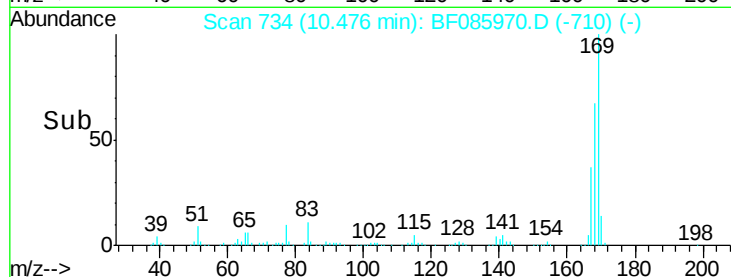
167 37.1 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.02 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

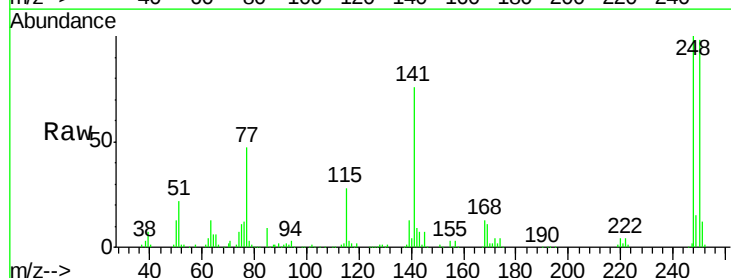
Tgt Ion:248 Resp: 158902

Ion Ratio Lower Upper

248 100

250 97.9 77.4 116.0

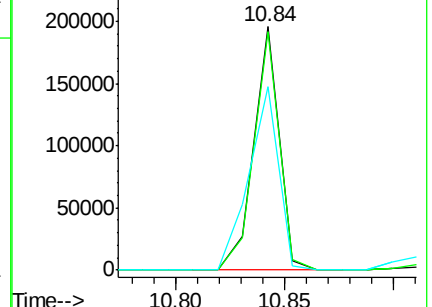
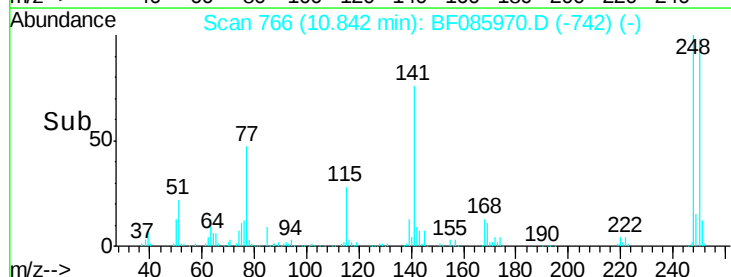
141 75.6 63.6 95.4

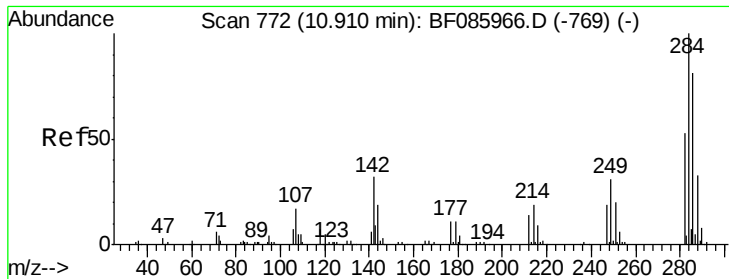


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

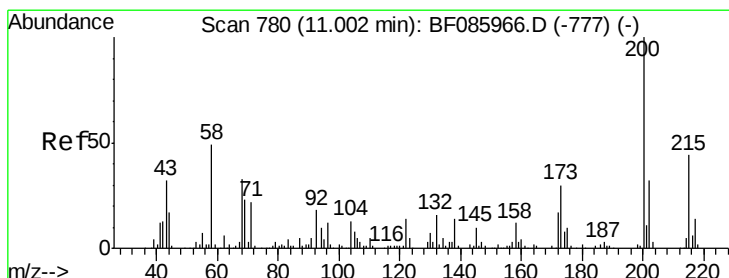
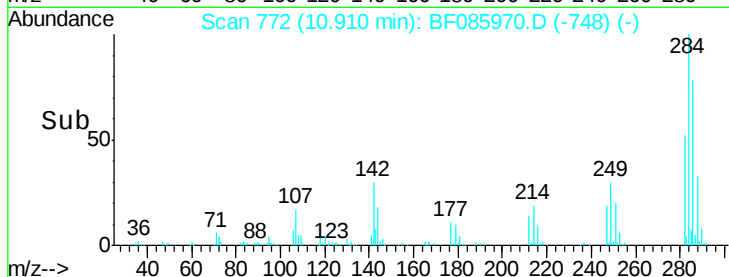
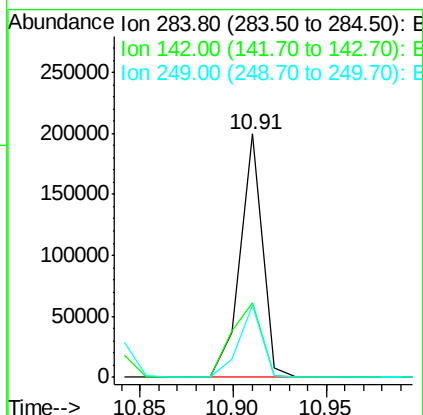
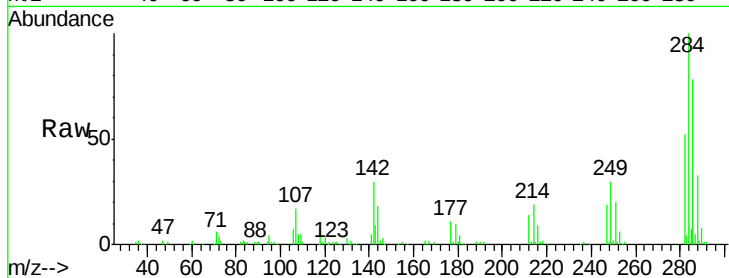




#67
Hexachlorobenzene
Concen: 43.82 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

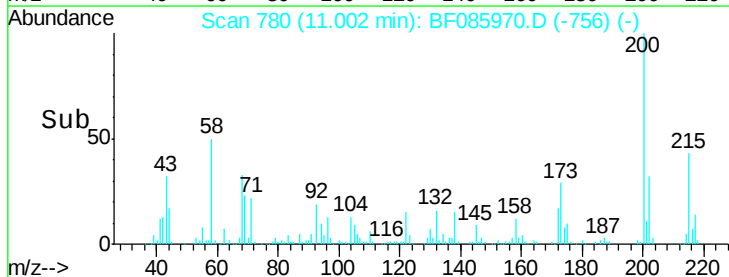
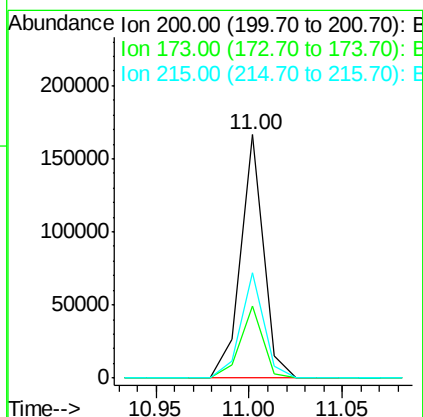
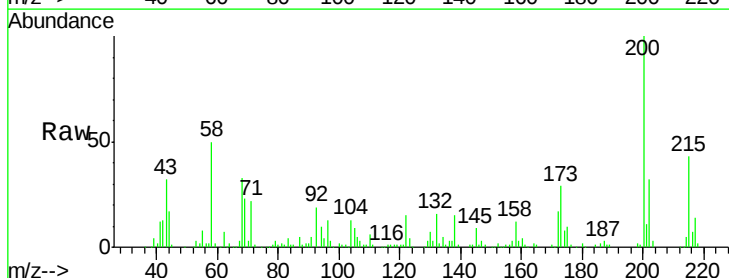
Instrument :
BNA_F
ClientSampleId :
ICVBF040216

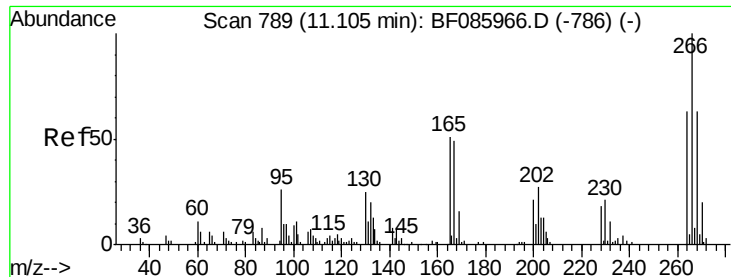
Tot Ion:284 Resp: 167396
Ion Ratio Lower Upper
284 100
142 30.4 23.1 34.7
249 29.6 24.2 36.2



#68
Atrazine
Concen: 39.05 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Tgt Ion:200 Resp: 142777
Ion Ratio Lower Upper
200 100
173 29.5 7.7 47.7
215 43.3 25.4 65.4

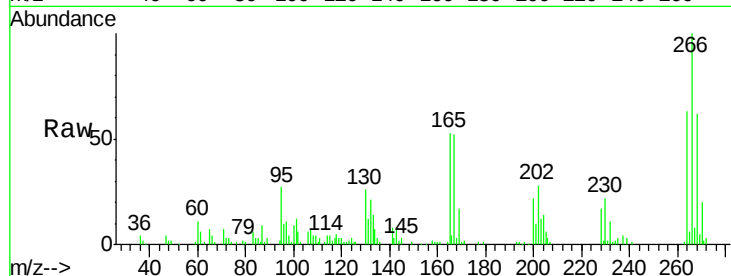




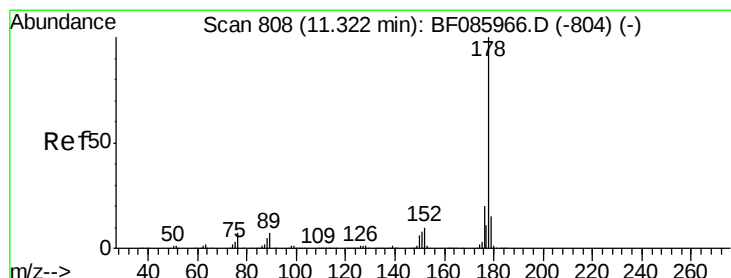
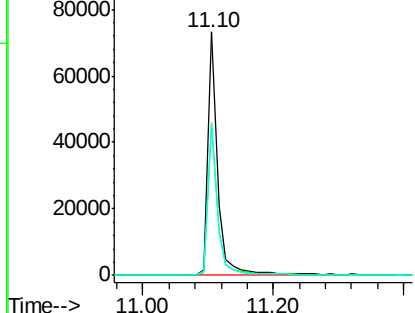
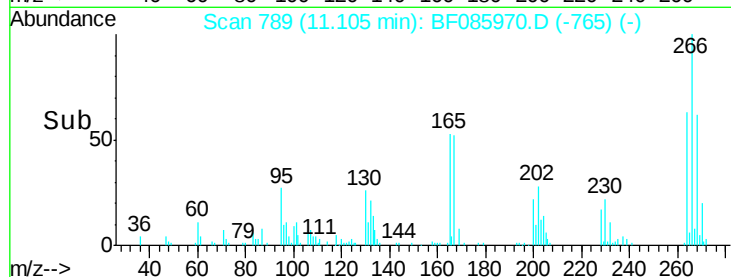
#69
 Pentachlorophenol
 Concen: 43.02 ng
 RT: 11.10 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

Tot Ion:266 Resp: 77015
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.5 77.3
 264 62.9 50.6 76.0

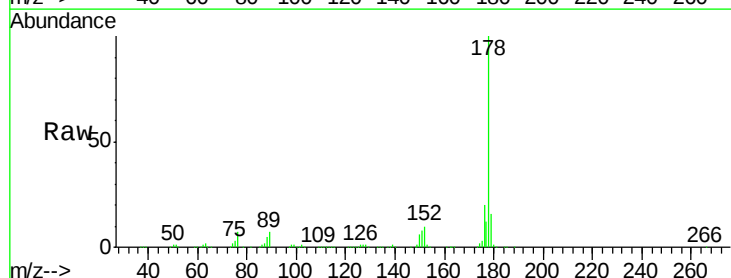


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

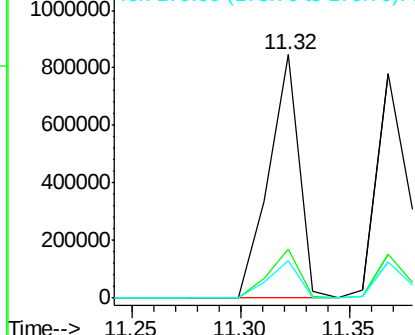
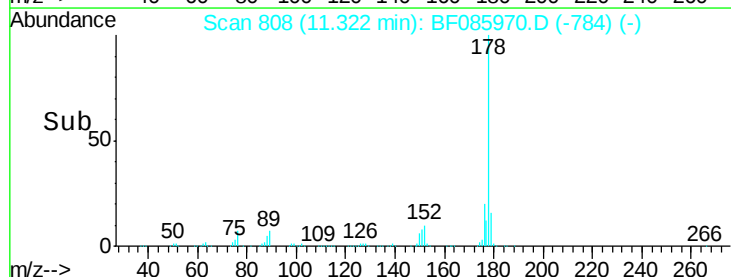


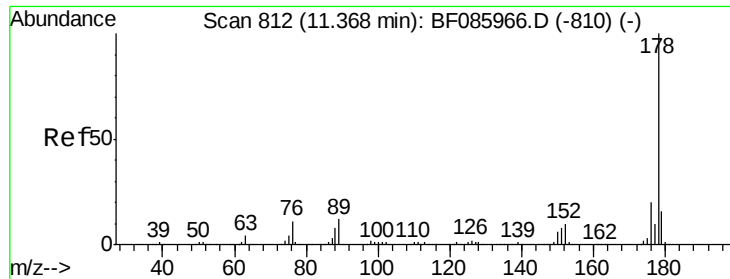
#70
 Phenanthrene
 Concen: 41.92 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Tgt Ion:178 Resp: 827404
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.3 24.5
 179 15.5 12.6 18.8



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

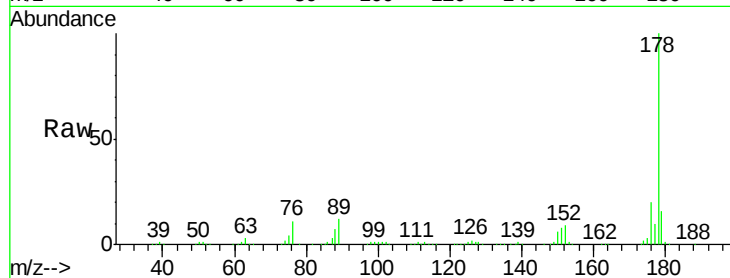




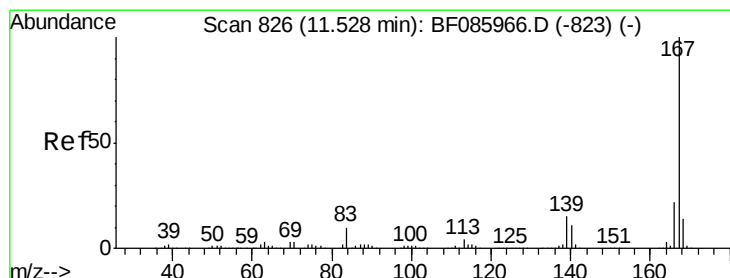
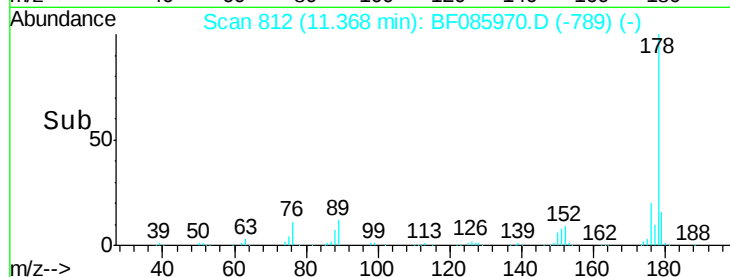
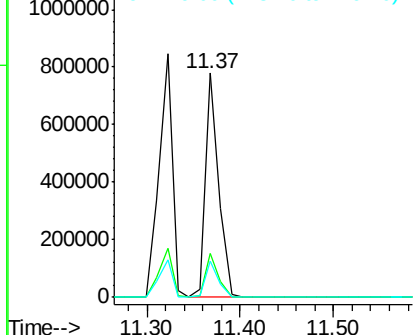
#71
 Anthracene
 Concen: 37.70 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.04 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

Tot Ion:178 Resp: 779574
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.1 13.0 19.4

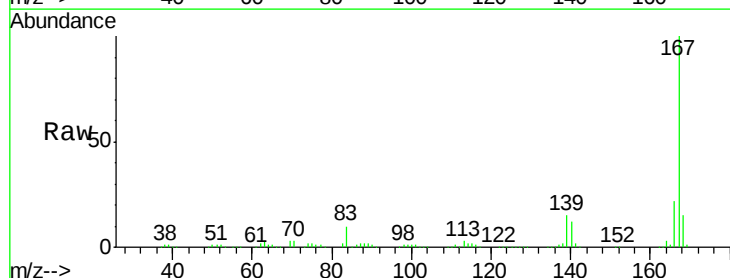


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

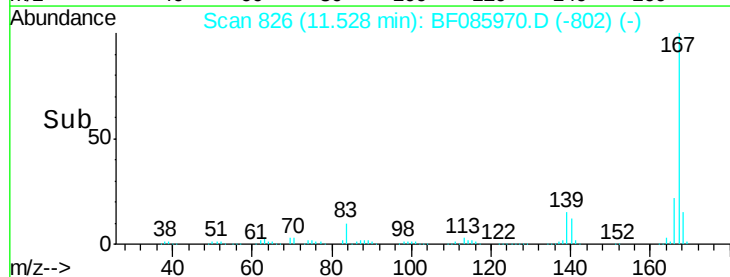
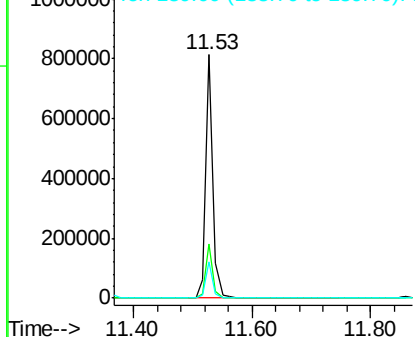


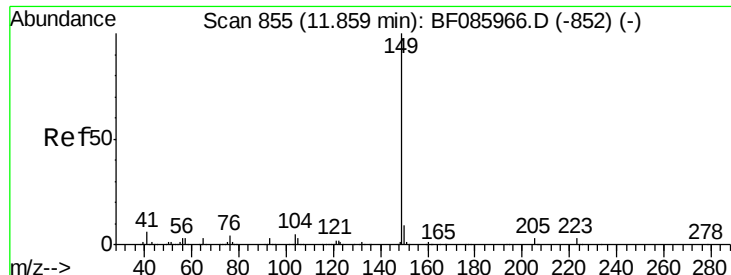
#72
 Carbazole
 Concen: 39.26 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Tgt Ion:167 Resp: 697697
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 15.1 11.6 17.4



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: 42.93 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.03 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

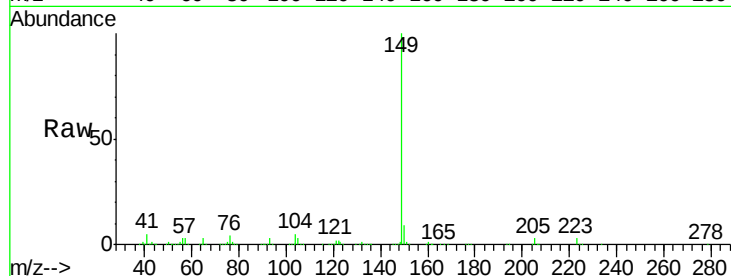
Tot Ion:149 Resp: 945380

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

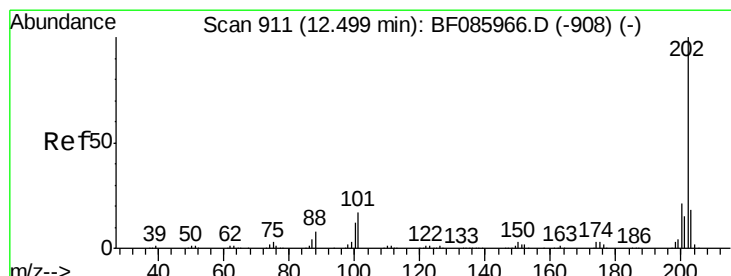
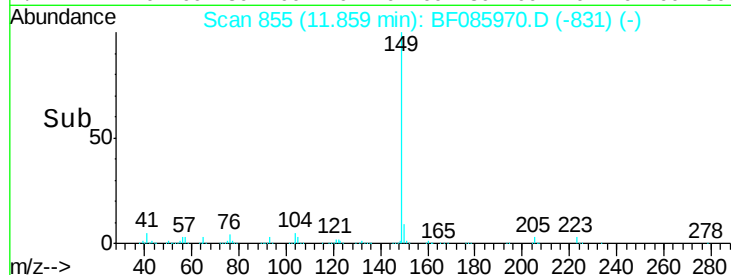
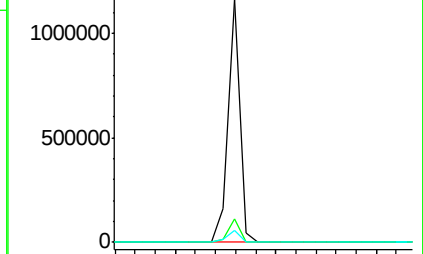
104 4.9 3.8 5.8



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: 39.53 ng

RT: 12.50 min Scan# 911

Delta R.T. -0.04 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

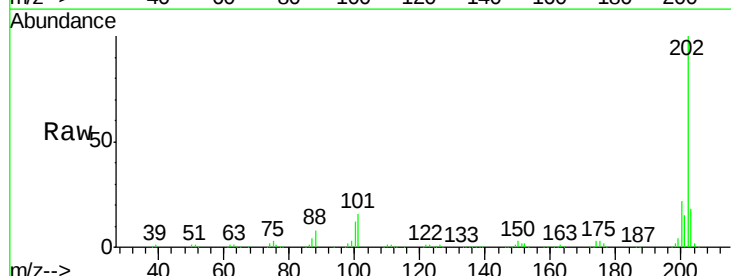
Tgt Ion:202 Resp: 811608

Ion Ratio Lower Upper

202 100

101 16.5 0.0 36.6

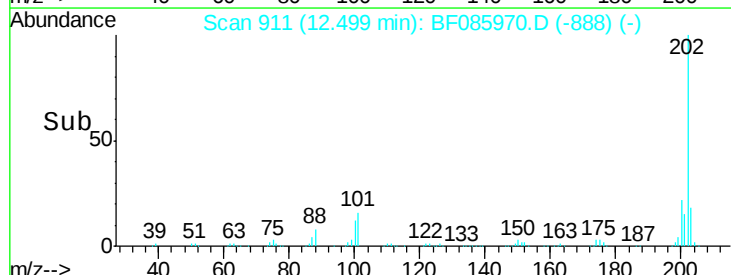
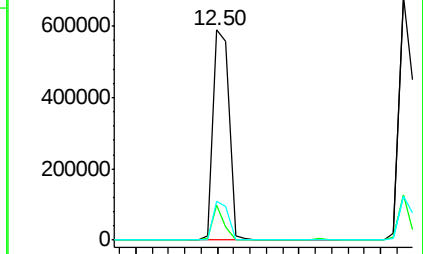
203 18.3 0.0 38.1

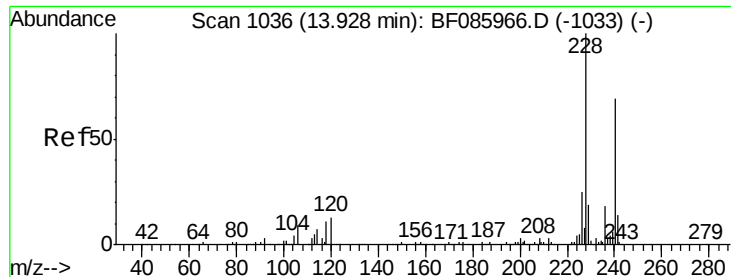


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.04 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

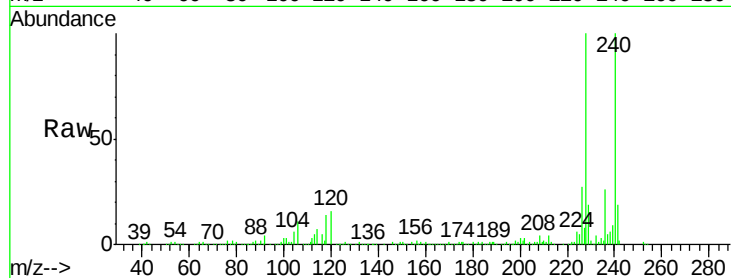
Tot Ion:240 Resp: 294879

Ion Ratio Lower Upper

240 100

120 16.3 13.8 20.8

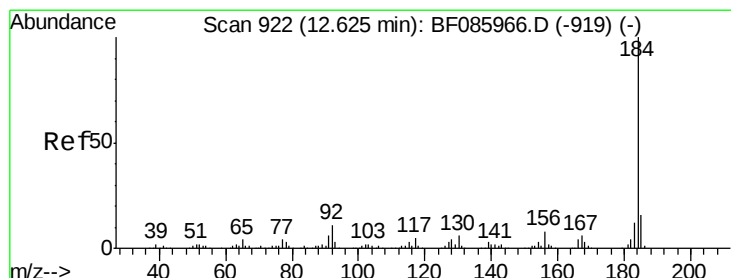
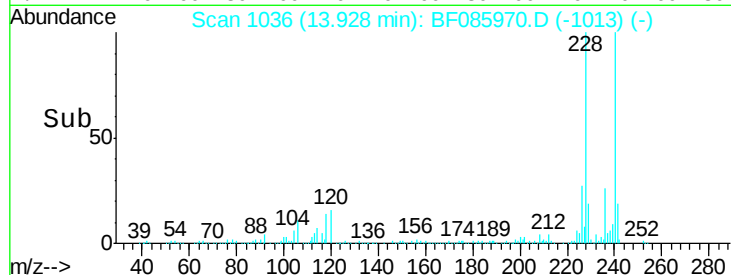
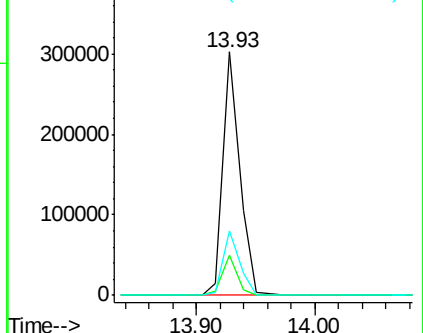
236 26.2 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.61 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.04 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

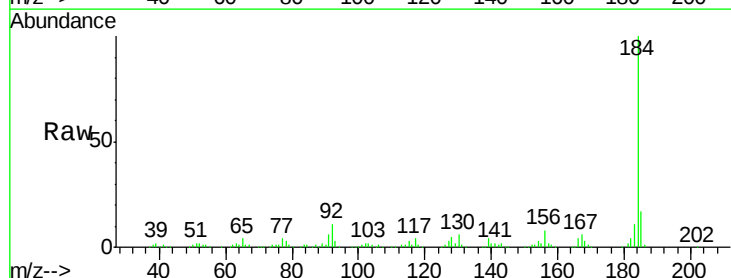
Tgt Ion:184 Resp: 443254

Ion Ratio Lower Upper

184 100

185 17.1 12.4 18.6

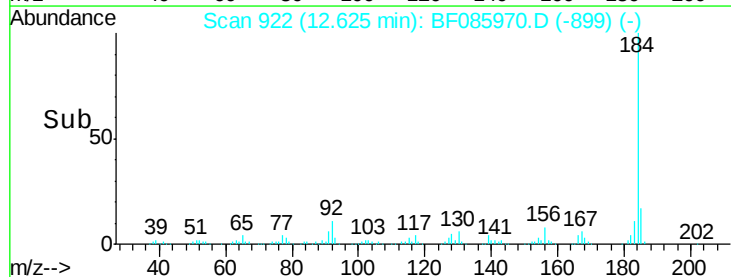
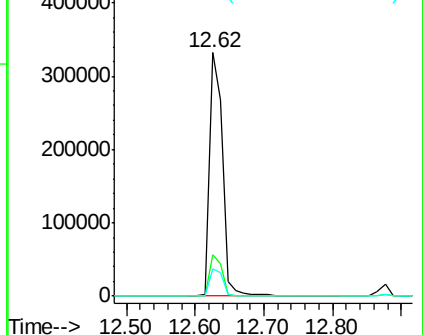
183 11.5 9.4 14.2

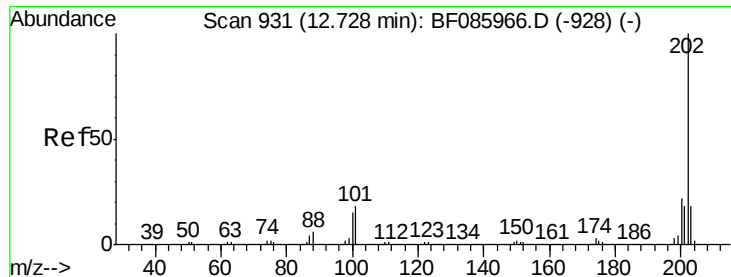


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

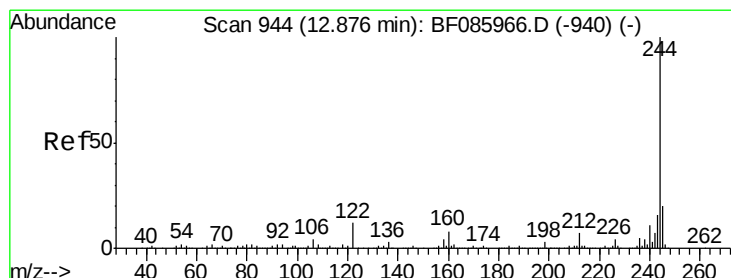
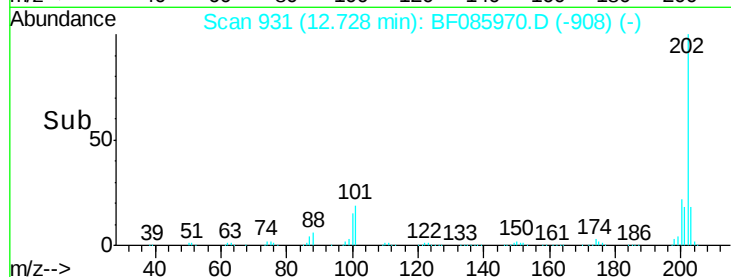
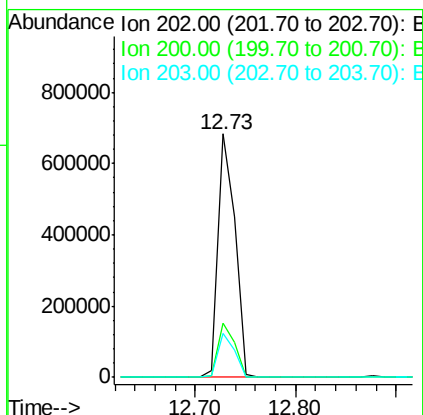
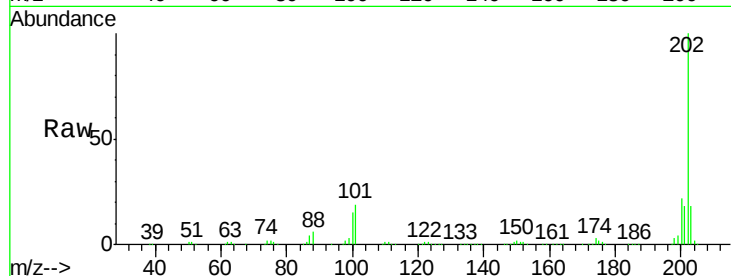




#77
Pvrene
Concen: 38.58 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.04 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

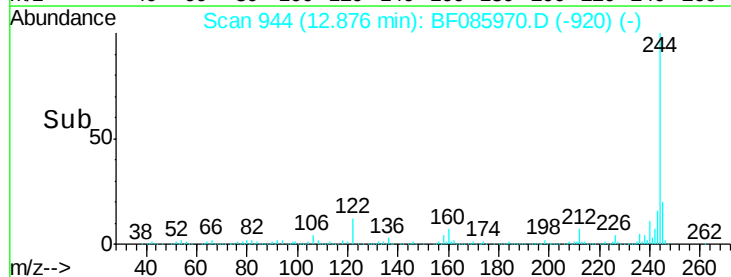
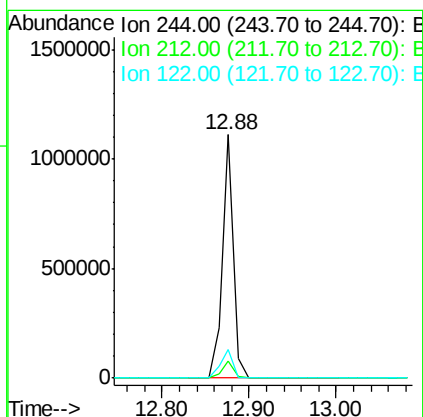
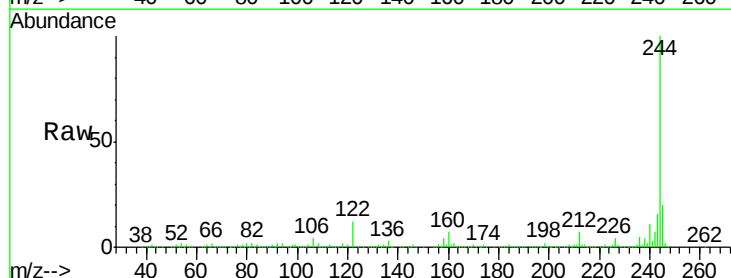
Instrument :
BNA_F
ClientSampleId :
ICVBF040216

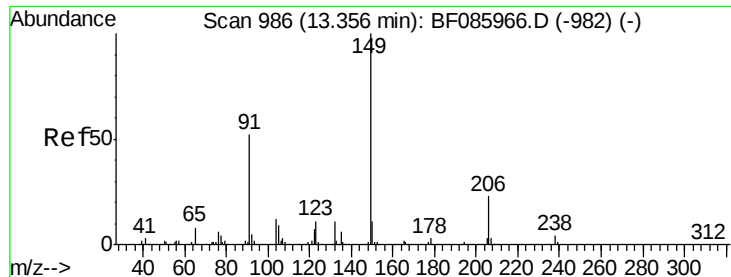
Tot Ion:202 Resp: 801761
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 18.1 14.0 21.0



#78
Terphenyl-d14
Concen: 78.89 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.03 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Tgt Ion:244 Resp: 989589
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 11.8 10.2 15.4

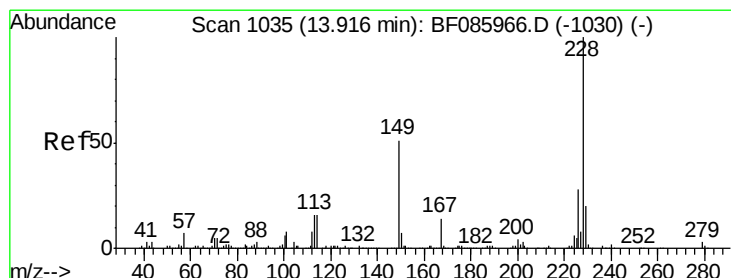
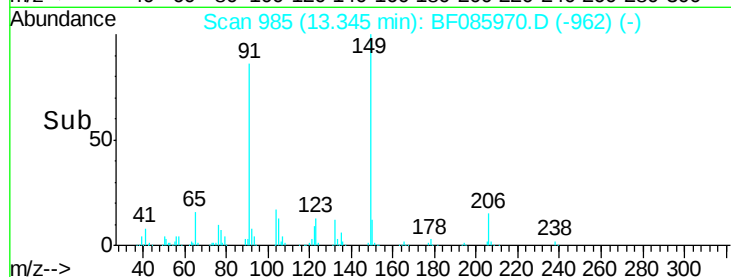
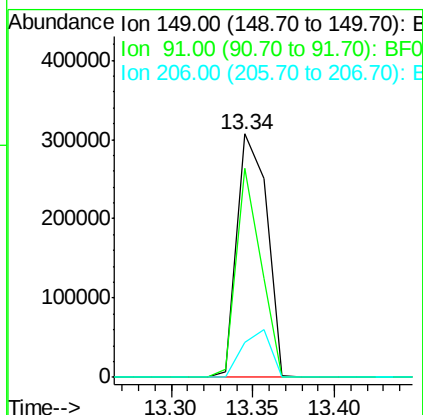
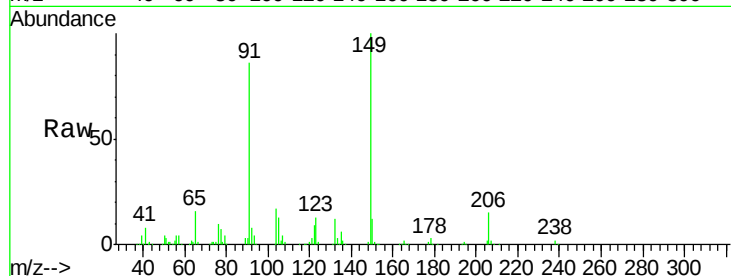




#79
Butylbenzylphthalate
Concen: 41.67 ng
RT: 13.34 min Scan# 985
Delta R.T. -0.04 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

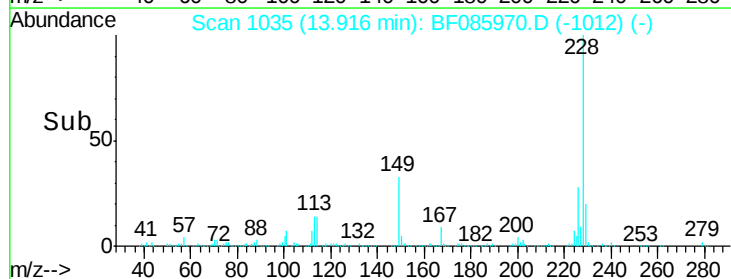
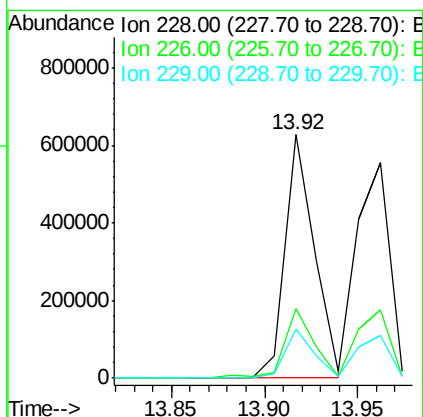
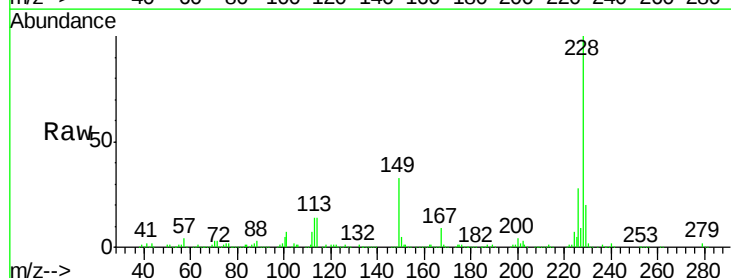
Instrument :
BNA_F
ClientSampleId :
ICVBF040216

Tot Ion	Ratio	Lower	Upper
149	100		
91	85.6	45.8	68.8#
206	14.5	17.8	26.8#



#80
Benzo(a)anthracene
Concen: 39.66 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BF085970.D
Acq: 1 Apr 2016 19:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.2	16.2	24.4

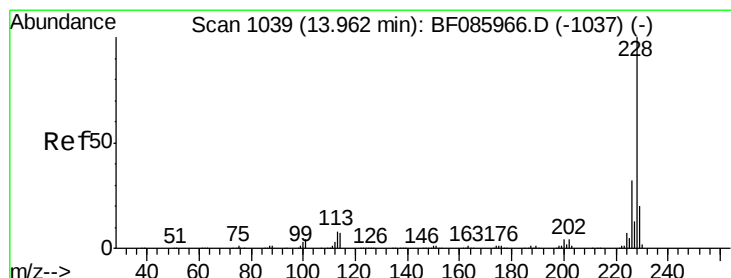
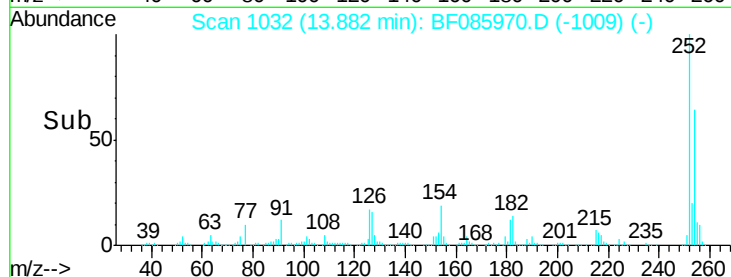
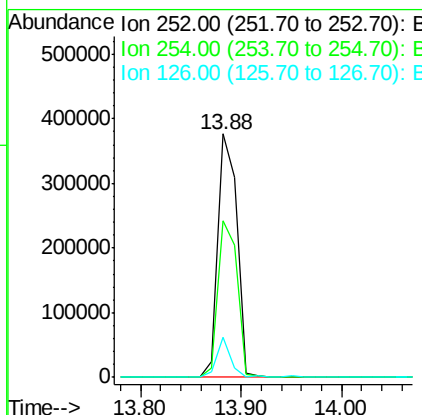
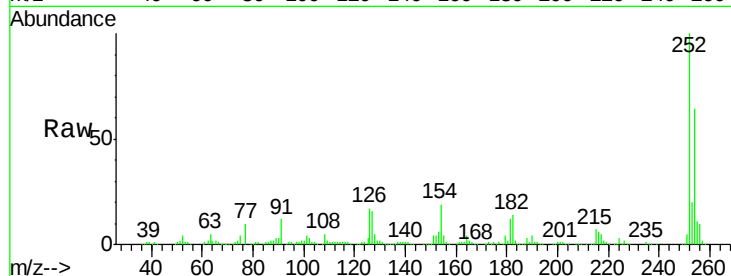




#81
 3,3'-Dichlorobenzidine
 Concen: 39.18 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.04 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

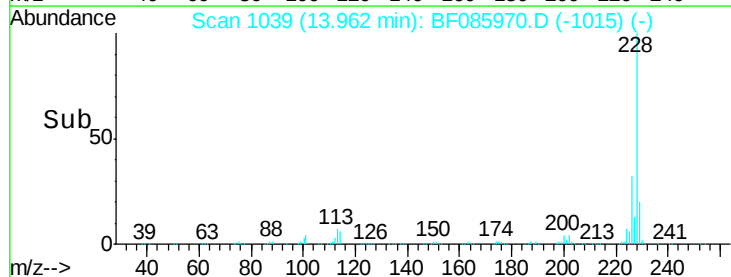
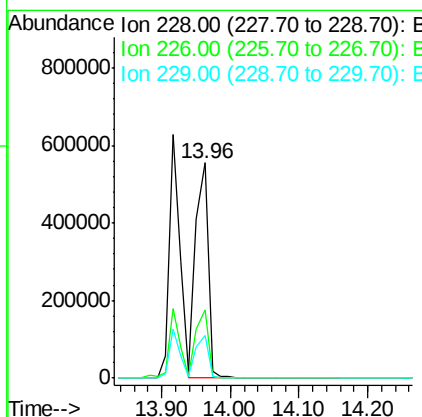
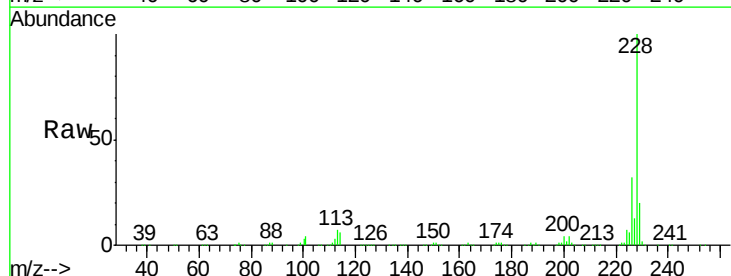
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

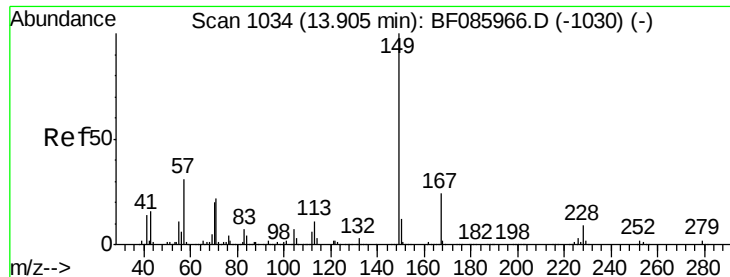
Tot Ion:252 Resp: 497422
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.7 76.1
 126 16.6 11.8 17.6



#82
 Chrysene
 Concen: 40.97 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Tgt Ion:228 Resp: 686054
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 19.6 15.7 23.5

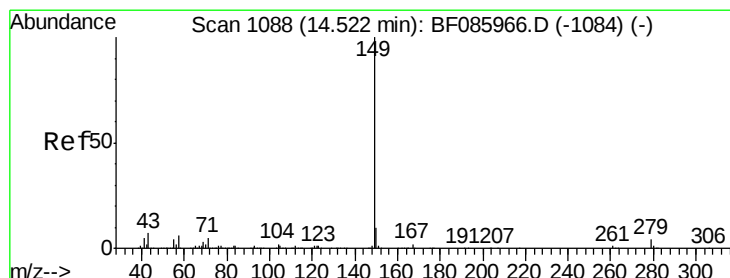
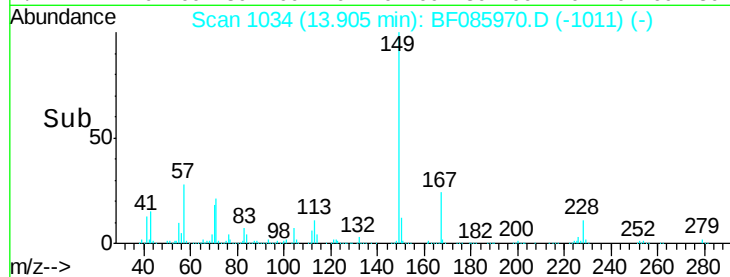
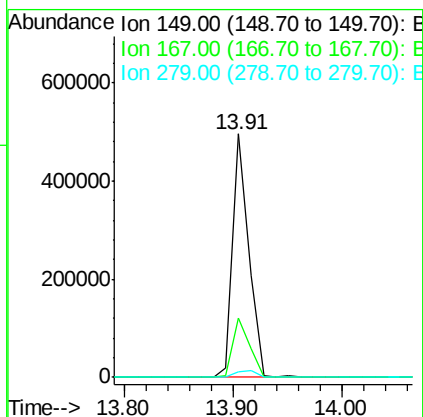
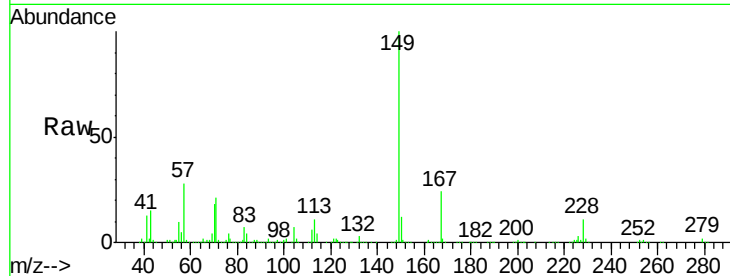




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.55 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

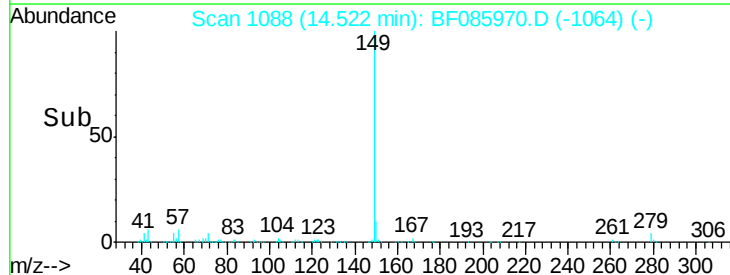
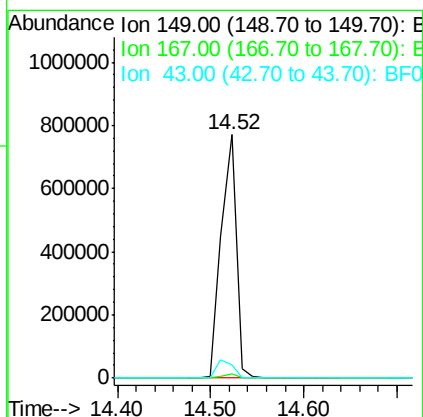
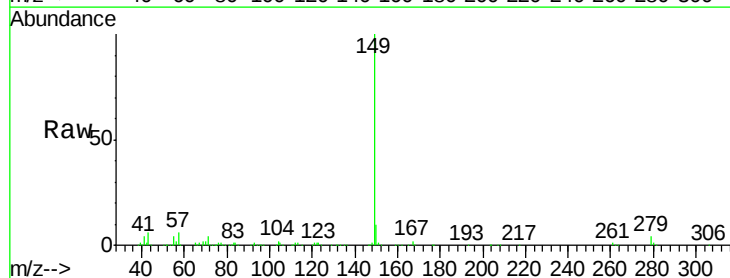
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.4	19.4	29.2
279	2.1	1.5	2.3



#84
 Di-n-octyl phthalate
 Concen: 43.73 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.03 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.4	7.1	10.7

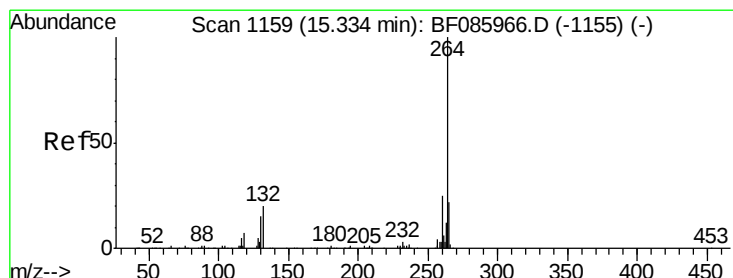
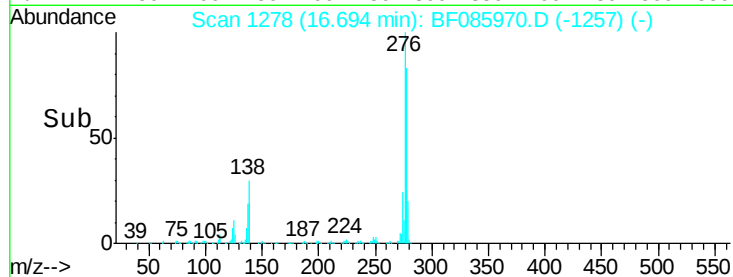
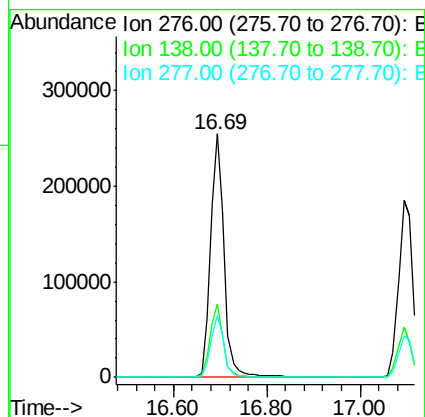
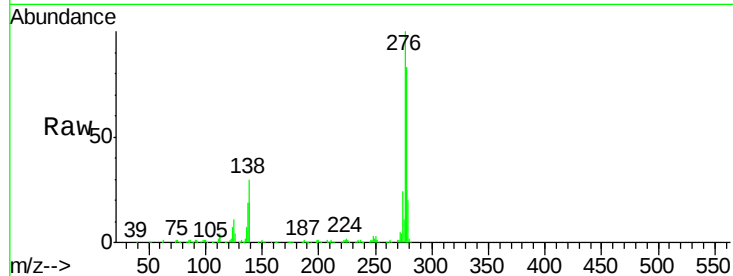




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.58 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. -0.06 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

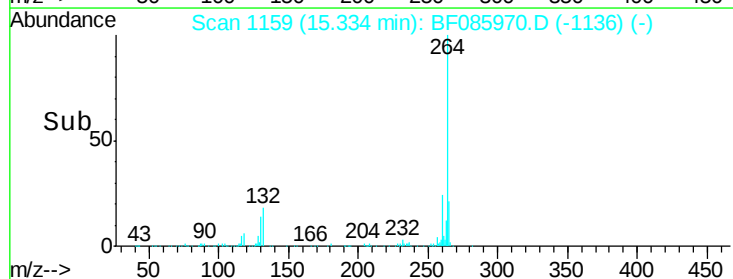
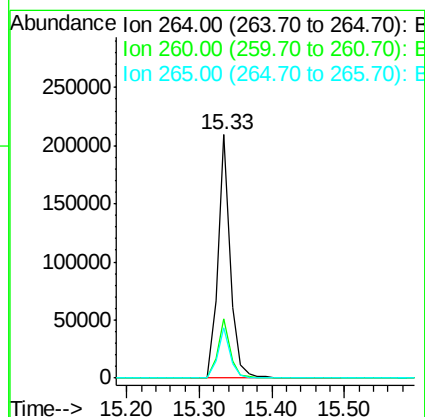
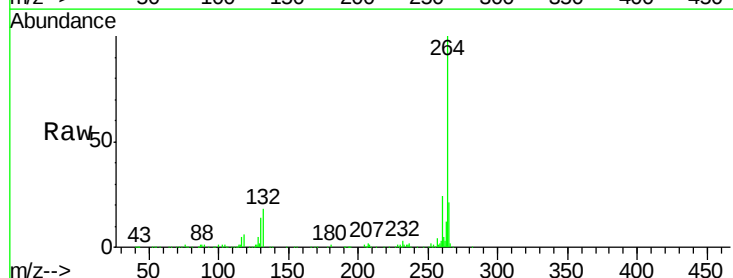
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF040216

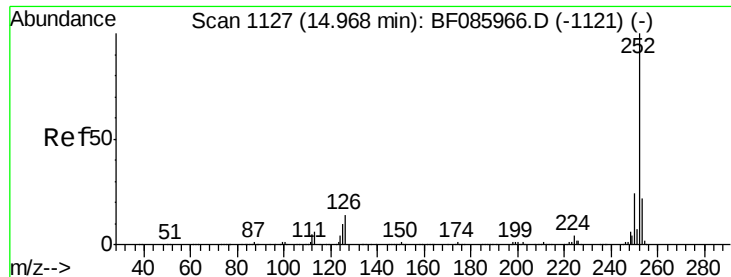
Tot Ion:276 Resp: 524150
 Ion Ratio Lower Upper
 276 100
 138 29.2 24.2 36.4
 277 25.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.04 min
 Lab File: BF085970.D
 Acq: 1 Apr 2016 19:18

Tgt Ion:264 Resp: 246707
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 20.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 78.11 ng

RT: 14.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

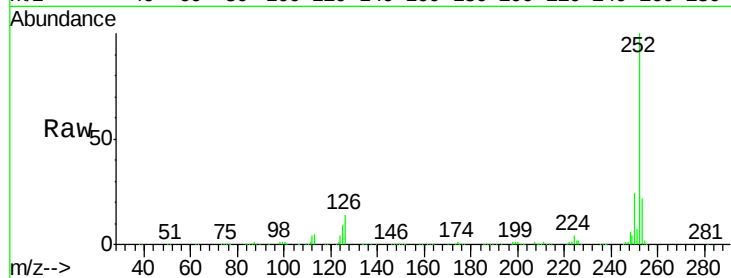
Tot Ion:252 Resp: 1212173

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

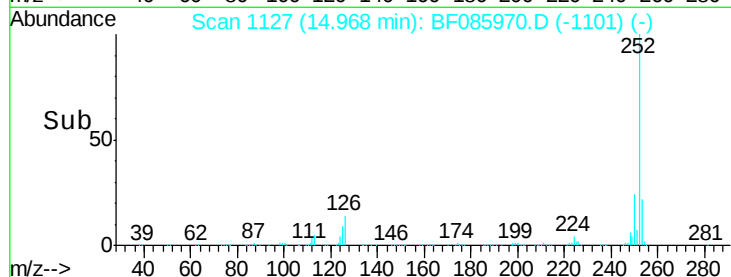
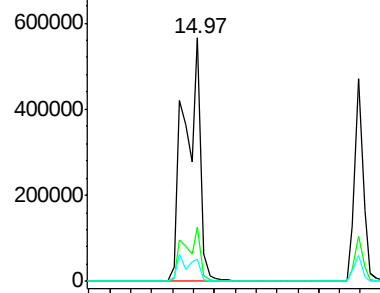
125 9.0 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 88.24 ng

RT: 14.97 min Scan# 1127

Delta R.T. -0.04 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

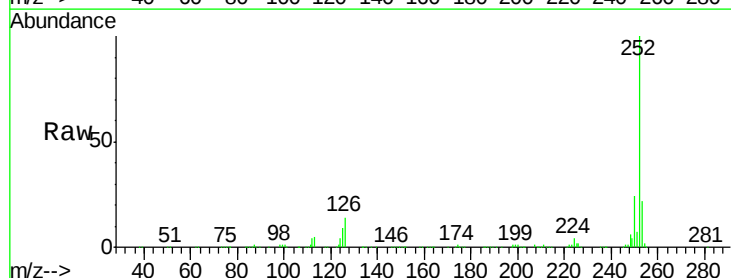
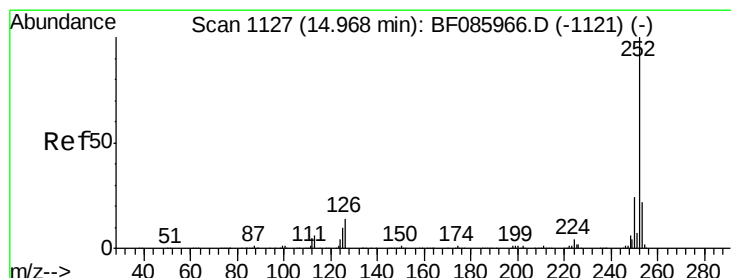
Tgt Ion:252 Resp: 1212726

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

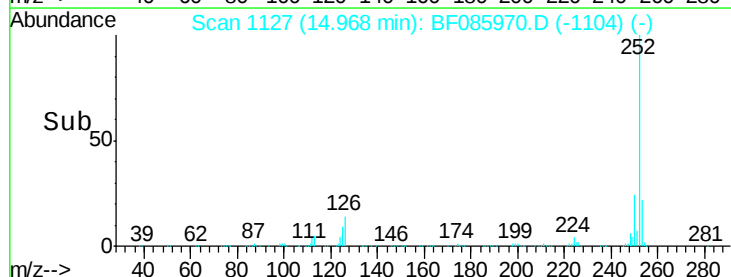
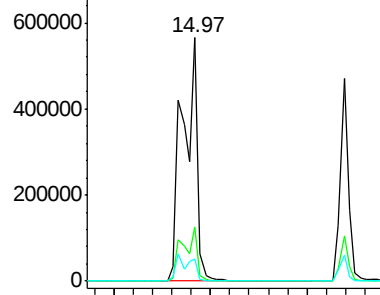
125 9.0 7.7 11.5

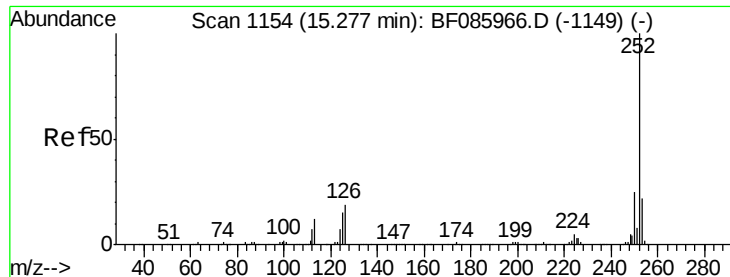


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.58 ng

RT: 15.28 min Scan# 1154

Delta R.T. -0.04 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

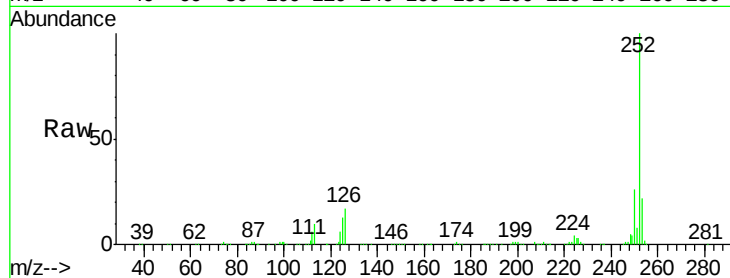
Tot Ion:252 Resp: 557977

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

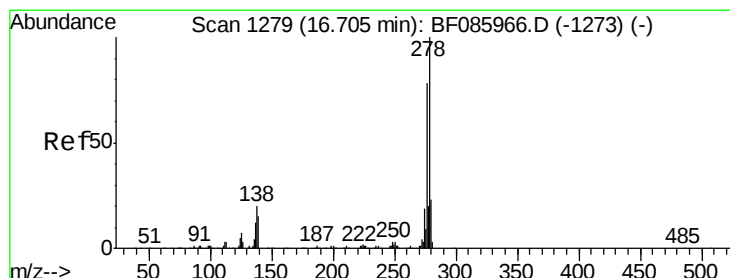
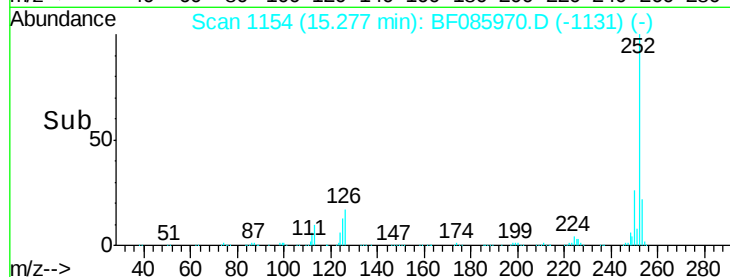
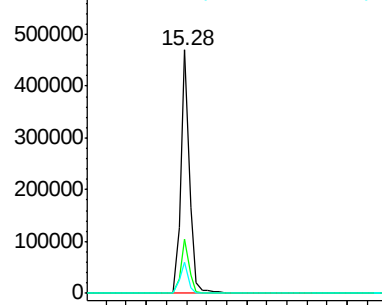
125 12.8 10.3 15.5



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: 39.30 ng

RT: 16.71 min Scan# 1279

Delta R.T. -0.06 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

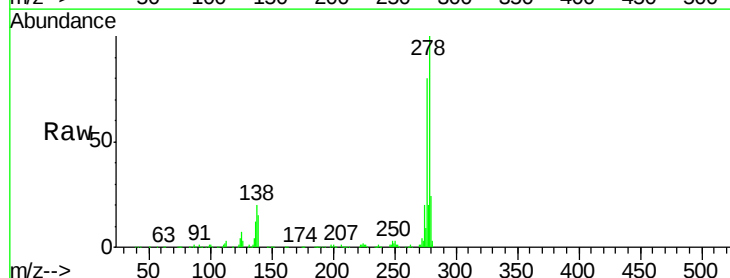
Tgt Ion:278 Resp: 434777

Ion Ratio Lower Upper

278 100

139 14.9 14.4 21.6

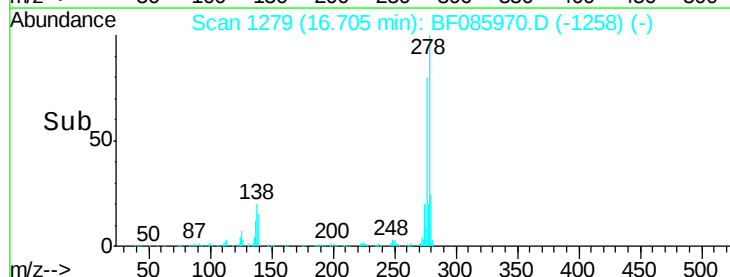
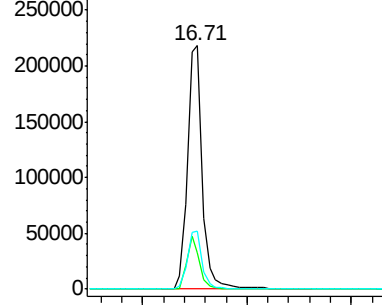
279 24.0 19.1 28.7

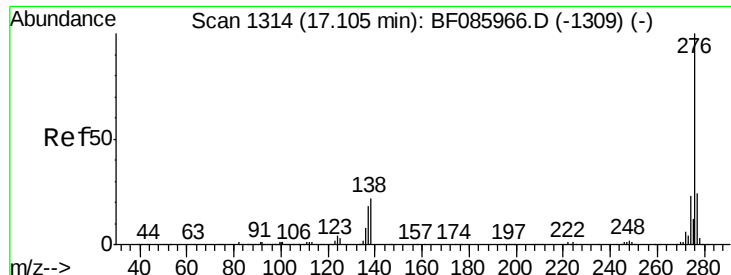


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.17 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.07 min

Lab File: BF085970.D

Acq: 1 Apr 2016 19:18

Instrument :

BNA_F

ClientSampleId :

ICVBF040216

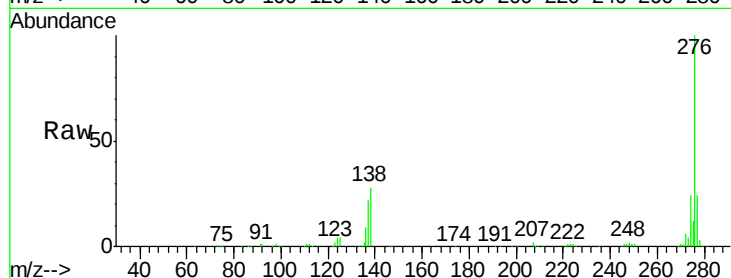
Tot Ion: 276 Resp: 419377

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 28.1 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

