

Data Path : Z:\HPCHEM1\BNA_F\Data\BF063016\
 Data File : BF088534.D
 Acq On : 30 Jun 2016 17:35
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Quant Time: Jun 30 18:04:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126426	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	532070	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	241468	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	456122	20.00	ng	0.00
75) Chrysene-d12	13.95	240	288509	20.00	ng	0.00
86) Perylene-d12	15.35	264	276640	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	678045	80.38	ng	0.00
7) Phenol-d6	6.44	99	810010	74.31	ng	0.00
23) Nitrobenzene-d5	7.38	82	777310	76.56	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	189728	84.61	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1163439	76.11	ng	0.00
78) Terphenyl-d14	12.91	244	1013258	78.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	161185	38.54	ng	# 34
3) Pyridine	3.08	79	471655	38.86	ng	98
4) n-Nitrosodimethylamine	3.04	42	183850	39.65	ng	92
6) Aniline	6.48	93	632879	39.84	ng	99
8) 2-Chlorophenol	6.59	128	347867	38.37	ng	93
9) Benzaldehyde	6.35	77	286969	38.87	ng	81
10) Phenol	6.46	94	472737	38.00	ng	85
11) bis(2-Chloroethyl)ether	6.56	93	372747	40.18	ng	# 82
12) 1,3-Dichlorobenzene	6.75	146	364726	36.56	ng	96
13) 1,4-Dichlorobenzene	6.83	146	389020	39.28	ng	97
14) 1,2-Dichlorobenzene	6.99	146	352777	38.06	ng	98
15) Benzyl Alcohol	6.96	79	334676	41.72	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	547017	40.72	ng	94
17) 2-Methylphenol	7.07	107	301432	40.75	ng	98
18) Hexachloroethane	7.34	117	156894	40.96	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	277728	37.93	ng	96
20) 3+4-Methylphenols	7.22	107	333699	37.59	ng	# 83
22) Acetophenone	7.23	105	529984	41.04	ng	96
24) Nitrobenzene	7.40	77	428056	41.82	ng	95
25) Isophorone	7.64	82	731009	38.87	ng	97
26) 2-Nitrophenol	7.71	139	160760	38.30	ng	96
27) 2,4-Dimethylphenol	7.76	122	358028	40.95	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	477437	39.01	ng	98
29) 2,4-Dichlorophenol	7.95	162	265763	37.61	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	314083	40.50	ng	99
31) Naphthalene	8.12	128	1065421	40.62	ng	99
32) Benzoic acid	7.88	122	264876	41.73	ng	92
33) 4-Chloroaniline	8.17	127	451324	38.67	ng	97
34) Hexachlorobutadiene	8.25	225	171103	41.21	ng	99
35) Caprolactam	8.55	113	102406	42.67	ng	96
36) 4-Chloro-3-methylphenol	8.65	107	320384	38.34	ng	94
37) 2-Methylnaphthalene	8.81	142	611101	36.18	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	327734	40.81	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	153127	38.85	ng	100

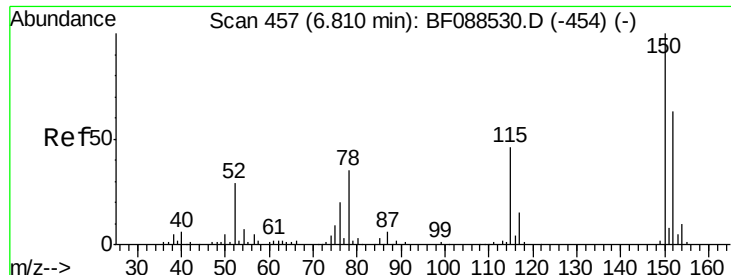
Data Path : Z:\HPCHEM1\BNA_F\Data\BF063016\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	200858	37.93	ng	95
43) 2,4,5-Trichlorophenol	9.13	196	196332	43.09	ng	95
45) 1,1'-Biphenyl	9.28	154	797974	39.91	ng	99
46) 2-Chloronaphthalene	9.30	162	639861	40.76	ng	100
47) 2-Nitroaniline	9.39	65	245278	44.03	ng	98
48) Acenaphthylene	9.71	152	975503	39.06	ng	99
49) Dimethylphthalate	9.58	163	674800	39.23	ng	99
50) 2,6-Dinitrotoluene	9.63	165	147220	38.61	ng	# 42
51) Acenaphthene	9.88	154	580642	37.93	ng	99
52) 3-Nitroaniline	9.80	138	212767	43.90	ng	98
53) 2,4-Dinitrophenol	9.91	184	76035	45.17	ng	# 72
54) Dibenzofuran	10.06	168	780048	38.93	ng	# 90
55) 4-Nitrophenol	9.95	139	147237	39.98	ng	96
56) 2,4-Dinitrotoluene	10.03	165	190922	38.30	ng	# 51
57) Fluorene	10.40	166	640781	41.50	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	144470	40.99	ng	# 47
59) Diethylphthalate	10.28	149	719611	41.68	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	266109	37.09	ng	# 88
61) 4-Nitroaniline	10.41	138	176779	37.90	ng	86
62) Azobenzene	10.55	77	756740	38.43	ng	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	113810	46.65	ng	# 68
65) n-Nitrosodiphenylamine	10.51	169	626309	40.57	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	171955	37.41	ng	# 83
67) Hexachlorobenzene	10.95	284	205494	40.39	ng	# 76
68) Atrazine	11.04	200	186640	38.80	ng	93
69) Pentachlorophenol	11.13	266	121405	40.32	ng	96
70) Phenanthrene	11.35	178	933201	37.43	ng	99
71) Anthracene	11.40	178	952370	38.41	ng	100
72) Carbazole	11.55	167	795230	34.08	ng	99
73) Di-n-butylphthalate	11.90	149	999302	36.82	ng	99
74) Fluoranthene	12.54	202	1013149	40.08	ng	100
76) Benzidine	12.66	184	635051	43.55	ng	97
77) Pyrene	12.77	202	1066527	43.60	ng	99
79) Butylbenzylphthalate	13.39	149	458800	42.05	ng	94
80) Benzo(a)anthracene	13.94	228	756788	40.74	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	283828	40.64	ng	# 93
82) Chrysene	13.99	228	794032	43.20	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	530409	42.58	ng	99
84) Di-n-octyl phthalate	14.56	149	934559	44.16	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.71	276	537720	38.03	ng	# 100
87) Benzo(b)fluoranthene	14.96	252	636767	36.69	ng	# 96
88) Benzo(k)fluoranthene	14.96	252	636767	42.15	ng	99
89) Benzo(a)pyrene	15.30	252	590948	40.22	ng	# 94
90) Dibenzo(a,h)anthracene	16.72	278	465336	37.93	ng	98
91) Benzo(g,h,i)perylene	17.11	276	470851	37.09	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

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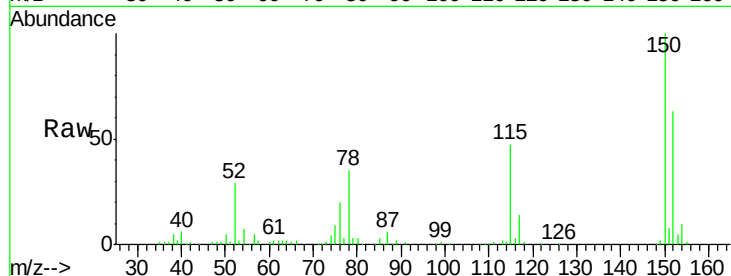
Tgt Ion:152 Resp: 126426

Ion Ratio Lower Upper

152 100

150 159.4 123.8 185.6

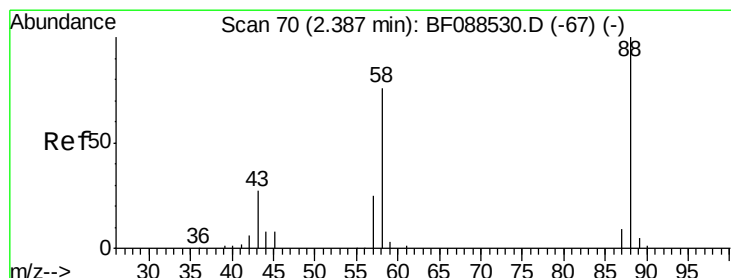
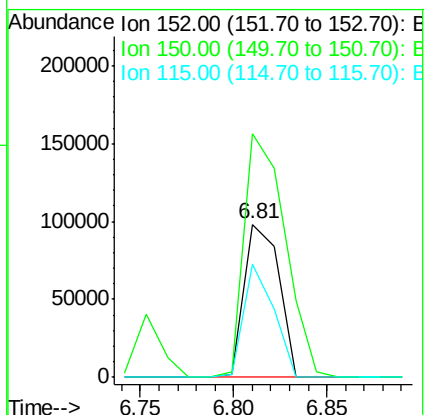
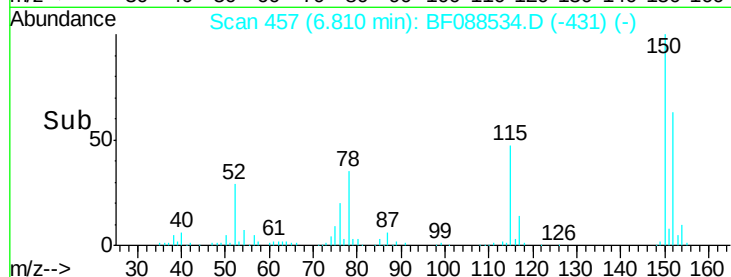
115 74.4 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.54 ng

RT: 2.40 min Scan# 71

Delta R.T. 0.01 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

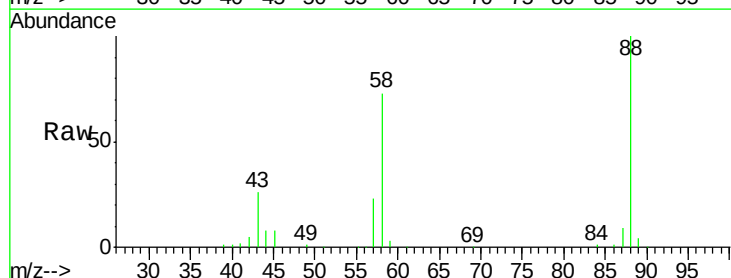
Tgt Ion: 88 Resp: 161185

Ion Ratio Lower Upper

88 100

58 73.4 0.0 0.0#

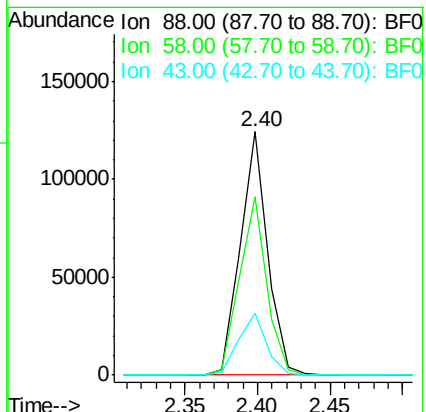
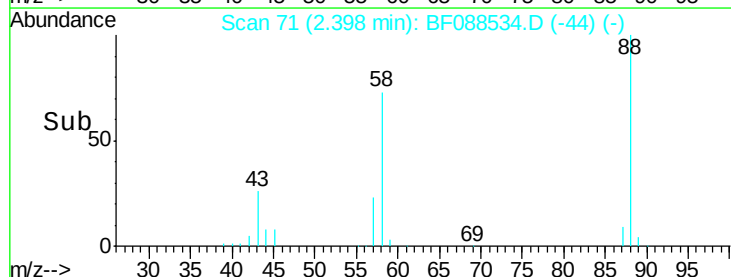
43 26.2 3.4 5.2#

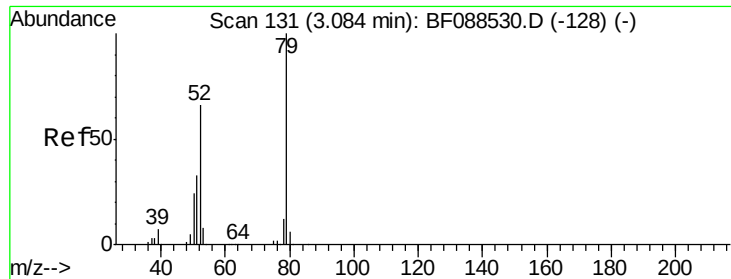


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

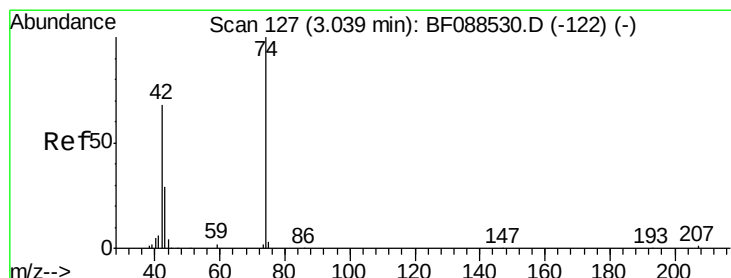
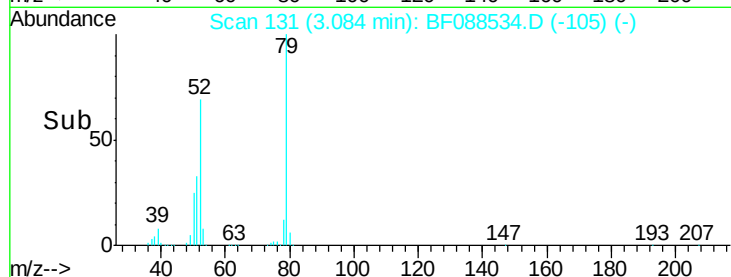
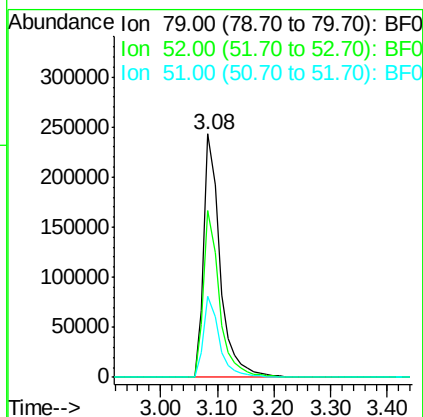
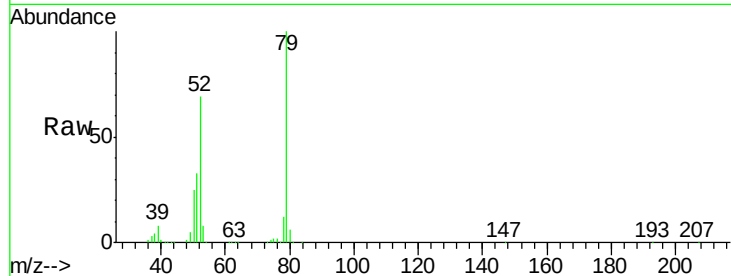




#3
 Pyridine
 Concen: 38.86 ng
 RT: 3.08 min Scan# 131
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

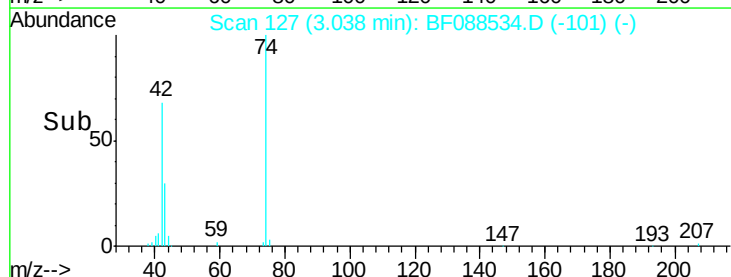
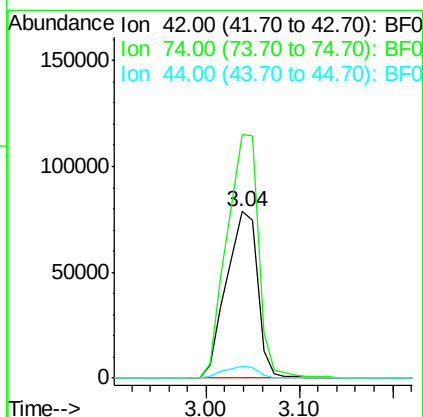
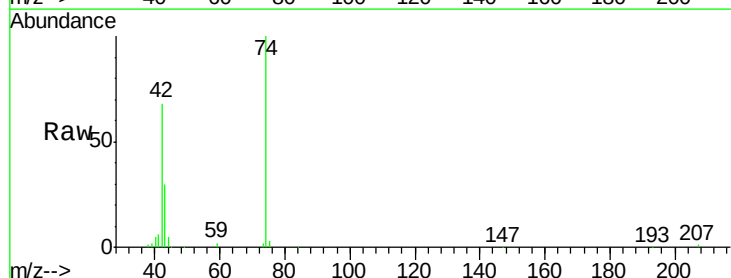
Instrument :
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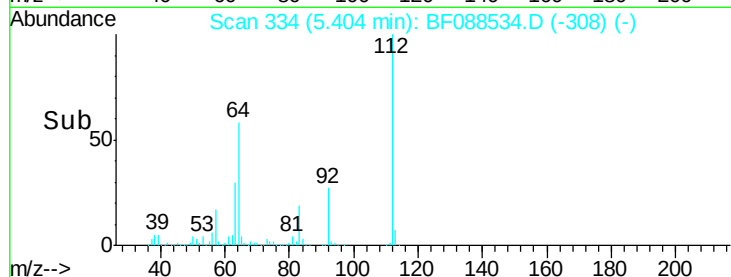
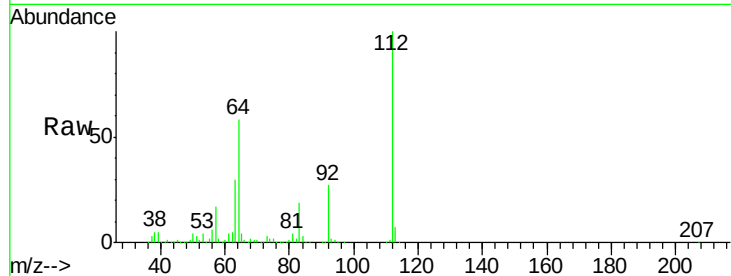
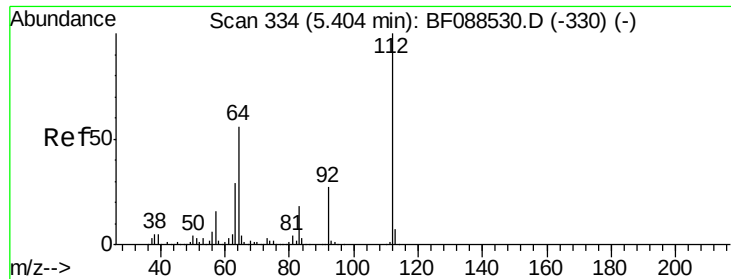
Tgt Ion: 79 Resp: 471655
 Ion Ratio Lower Upper
 79 100
 52 68.7 56.3 84.5
 51 33.3 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 39.65 ng
 RT: 3.04 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion: 42 Resp: 183850
 Ion Ratio Lower Upper
 42 100
 74 146.2 108.6 163.0
 44 7.0 5.5 8.3

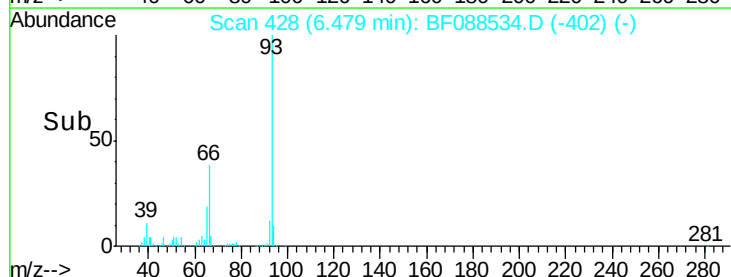
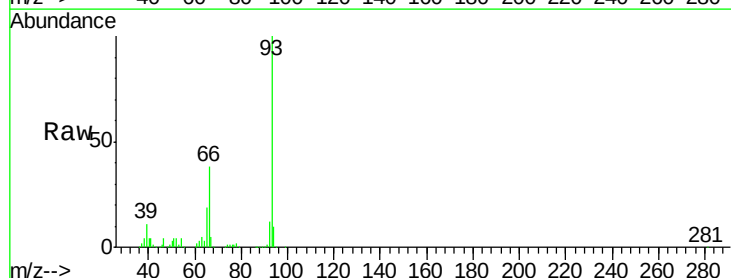
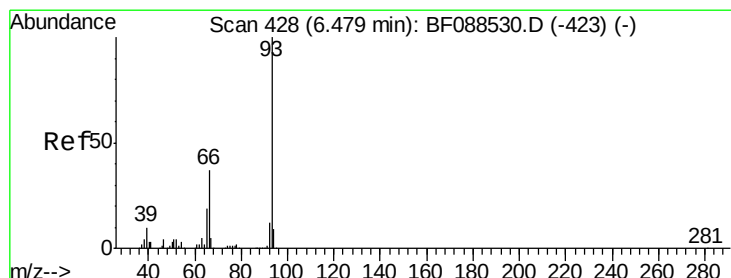
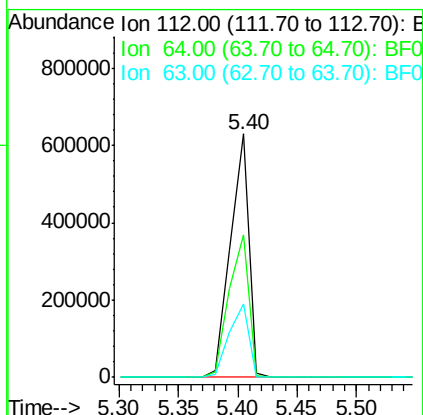




#5
2-Fluorophenol
Concen: 80.38 ng
RT: 5.40 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

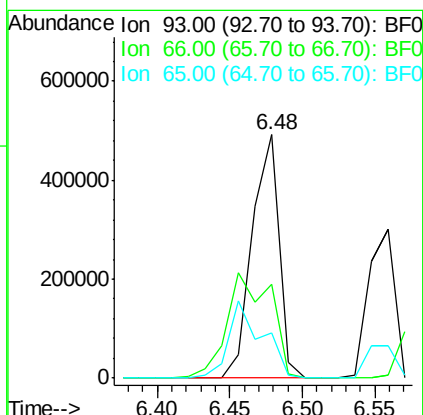
Instrument :
BNA_F
ClientSampleId :
ICVBF063016

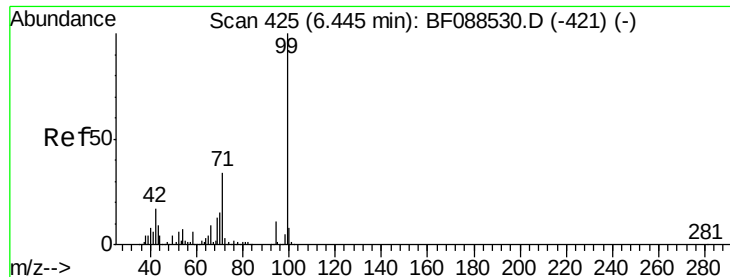
Tgt Ion: 112 Resp: 678045
Ion Ratio Lower Upper
112 100
64 58.4 42.2 63.2
63 29.9 21.8 32.8



#6
Aniline
Concen: 39.84 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion: 93 Resp: 632879
Ion Ratio Lower Upper
93 100
66 38.3 29.8 44.8
65 18.8 14.9 22.3





#7

Phenol-d6

Concen: 74.31 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

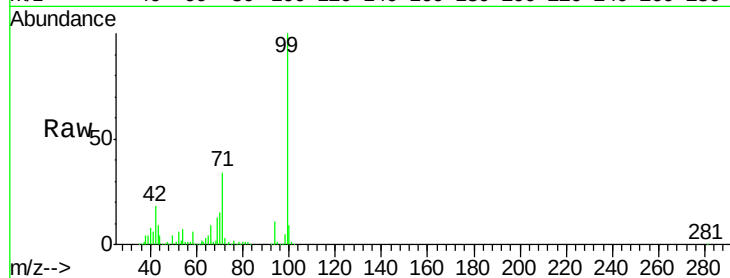
Tgt Ion: 99 Resp: 810010

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

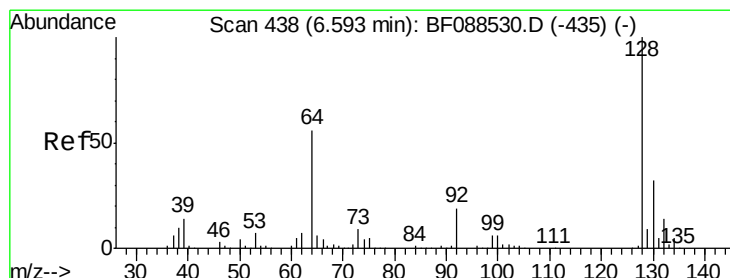
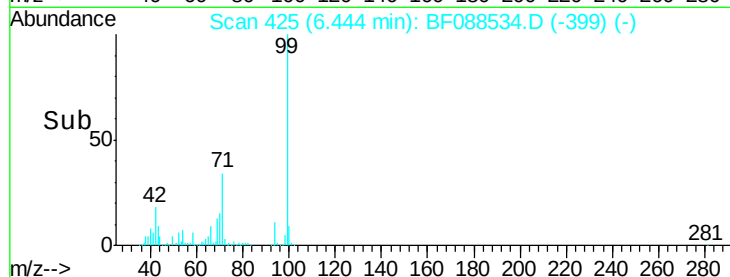
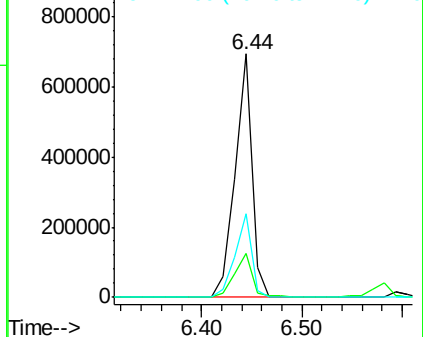
71 34.2 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.37 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

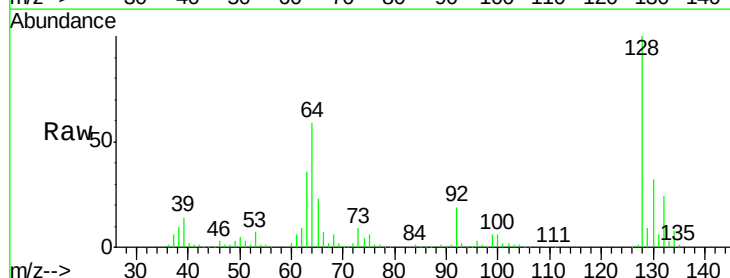
Tgt Ion: 128 Resp: 347867

Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

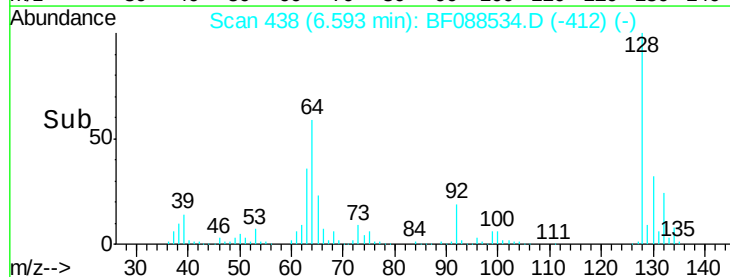
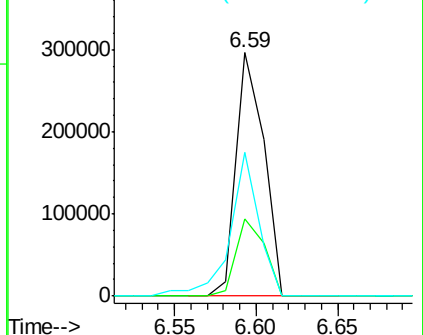
64 58.9 30.8 70.8

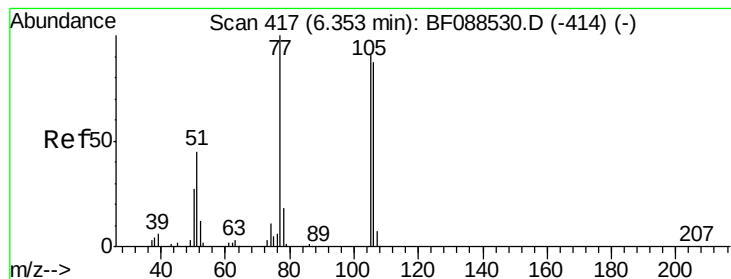


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.87 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

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ICVBF063016

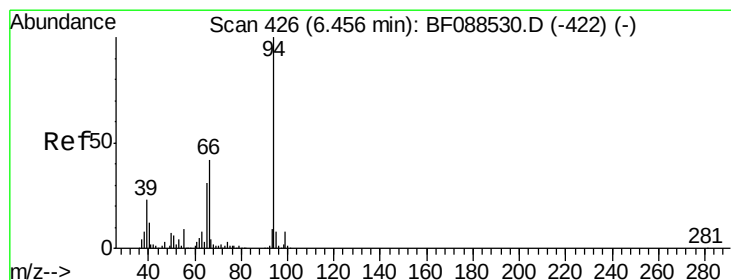
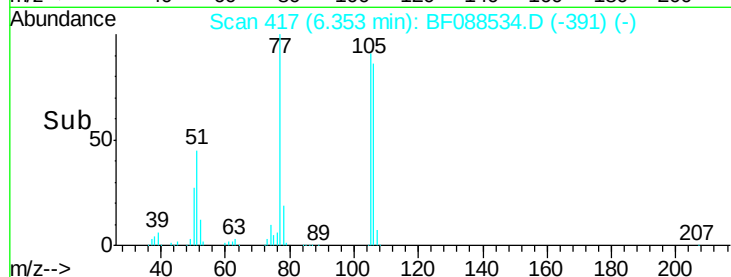
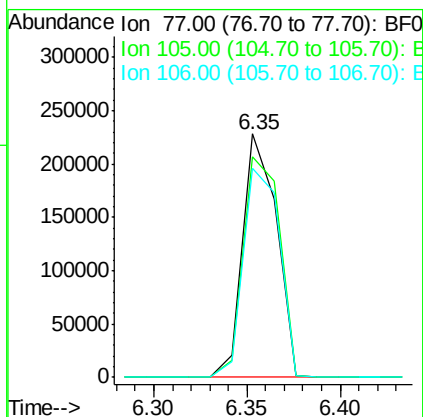
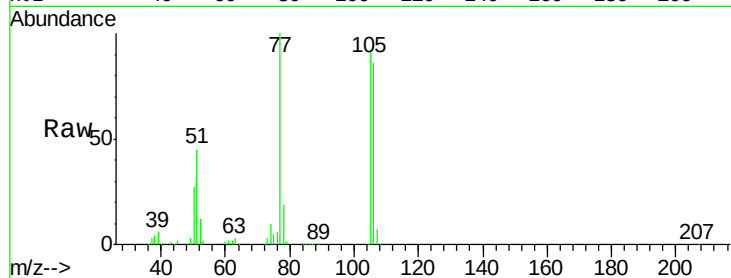
Tgt Ion: 77 Resp: 286969

Ion Ratio Lower Upper

77 100

105 90.6 90.6 130.6

106 85.9 85.3 125.3



#10

Phenol

Concen: 38.00 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

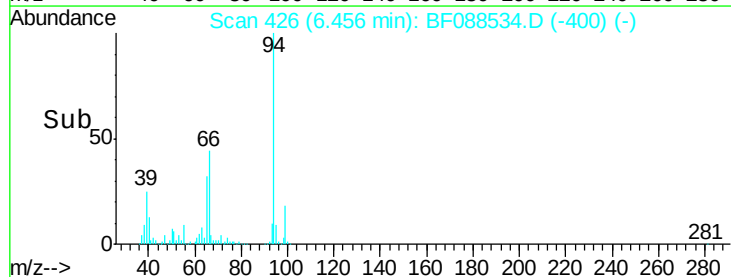
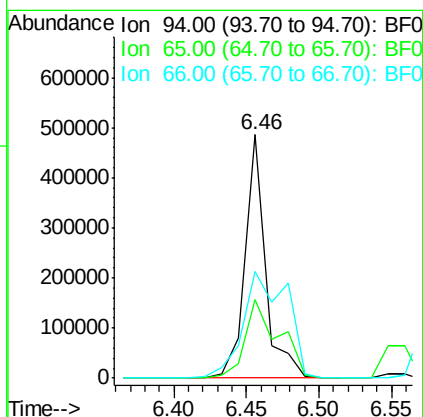
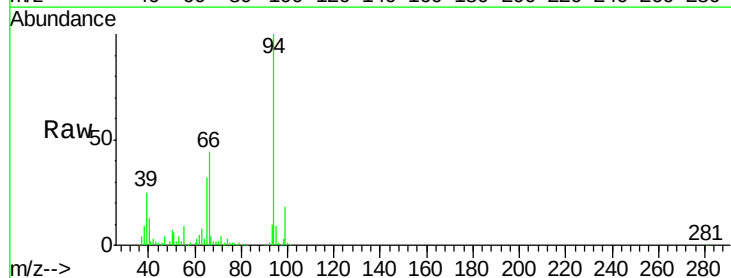
Tgt Ion: 94 Resp: 472737

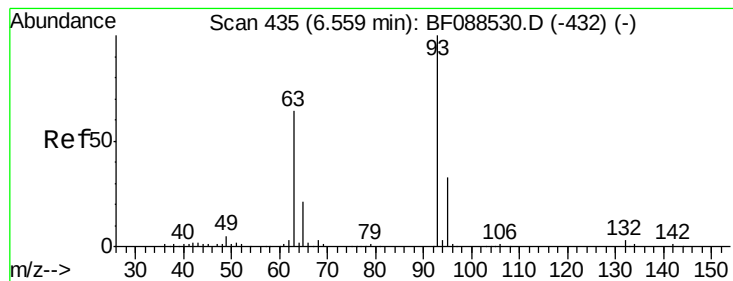
Ion Ratio Lower Upper

94 100

65 32.1 5.9 45.9

66 44.0 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 40.18 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

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Acq: 30 Jun 2016 17:35

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ICVBF063016

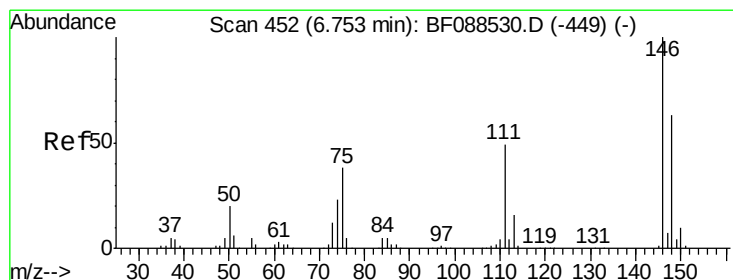
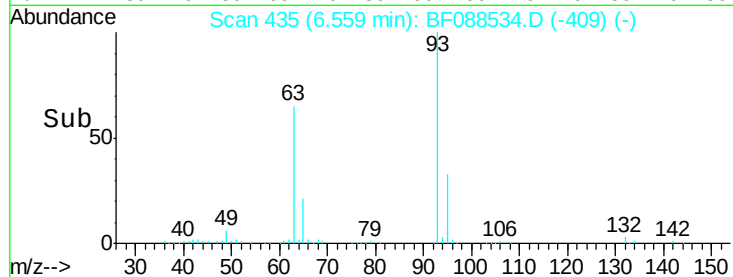
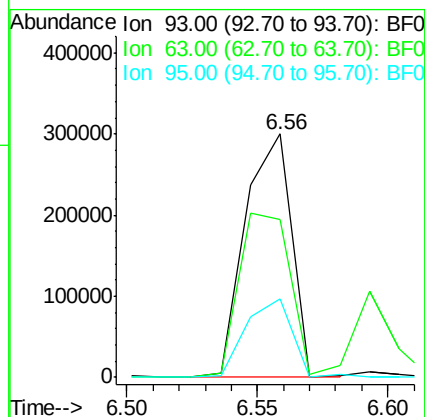
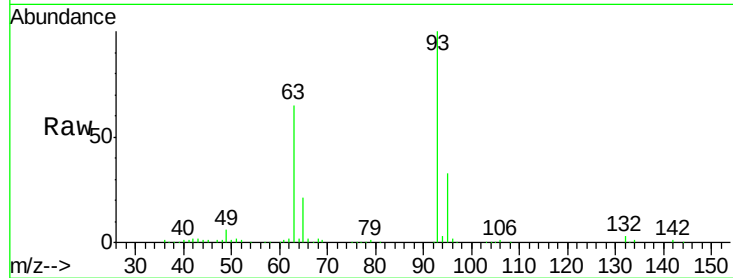
Tgt Ion: 93 Resp: 372747

Ion Ratio Lower Upper

93 100

63 65.0 67.6 107.6#

95 32.5 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 36.56 ng

RT: 6.75 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

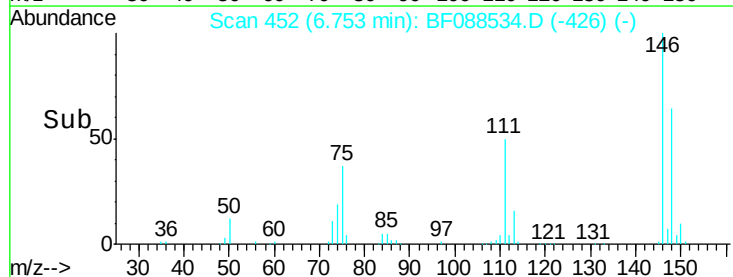
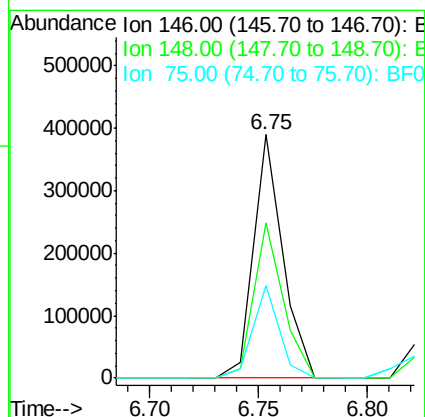
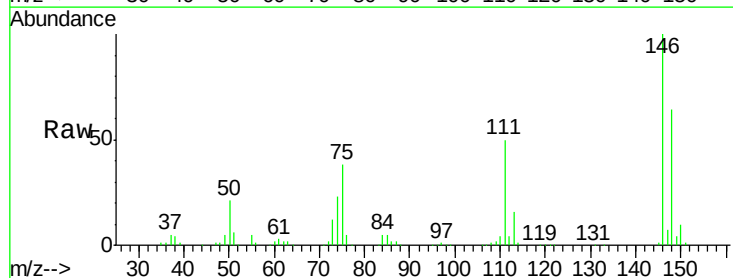
Tgt Ion: 146 Resp: 364726

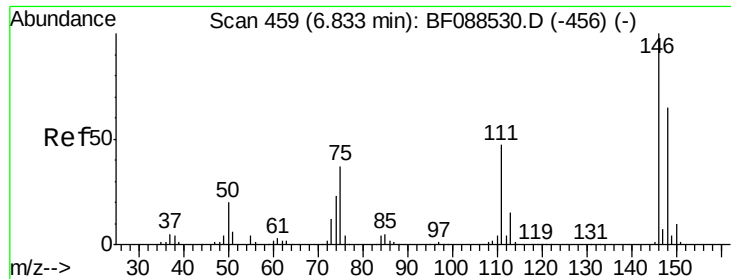
Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

75 38.3 25.6 38.4

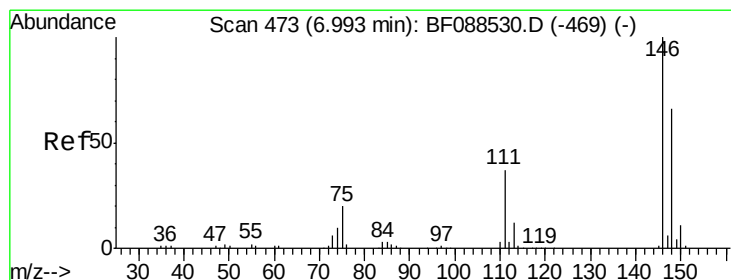
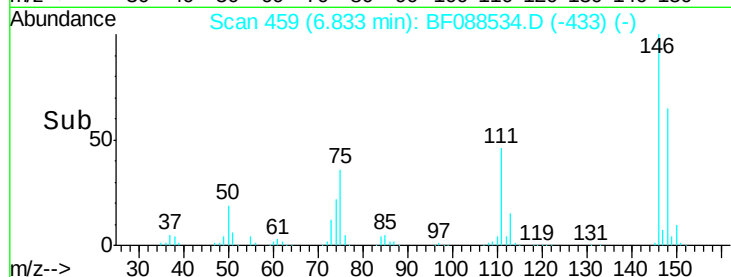
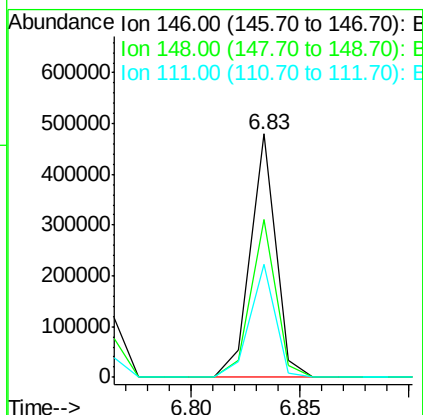
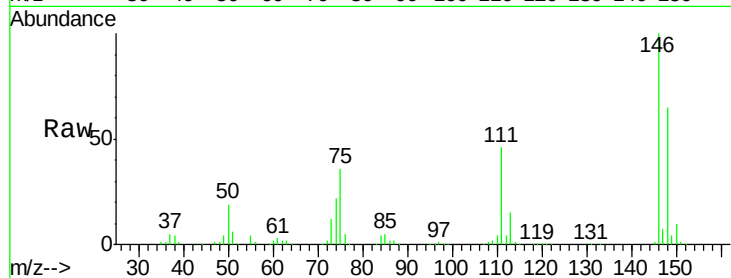




#13
 1,4-Dichlorobenzene
 Concen: 39.28 ng
 RT: 6.83 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

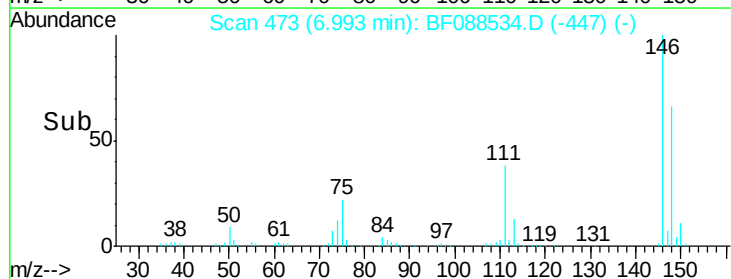
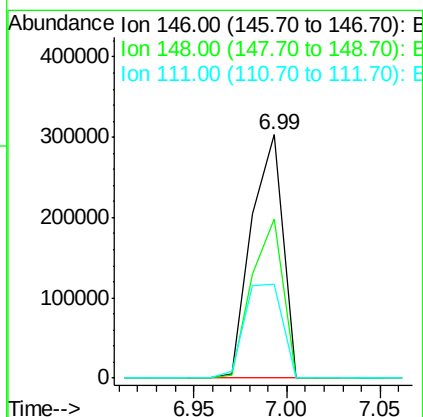
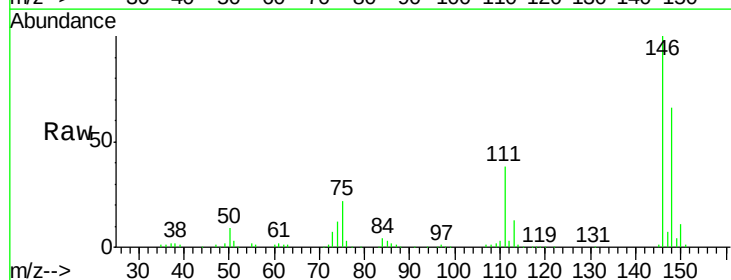
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

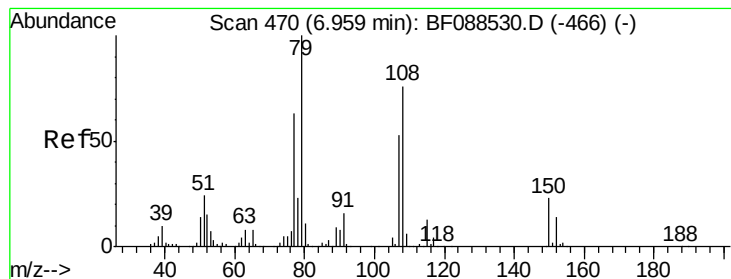
Tgt Ion:146 Resp: 389020
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.0 78.0
 111 46.2 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 38.06 ng
 RT: 6.99 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion:146 Resp: 352777
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.3 78.5
 111 38.4 28.7 43.1





#15

Benzyl Alcohol

Concen: 41.72 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

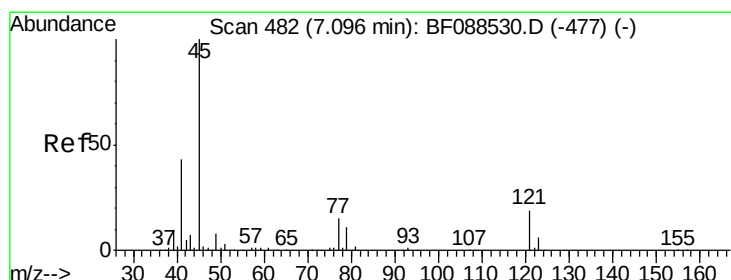
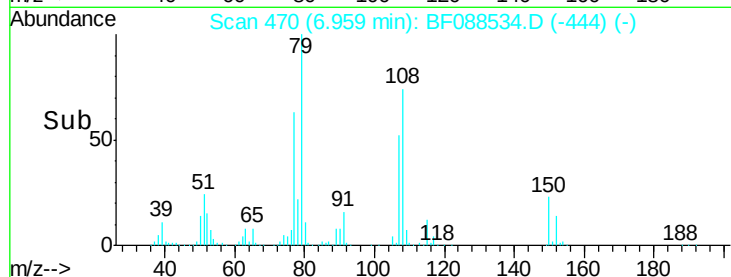
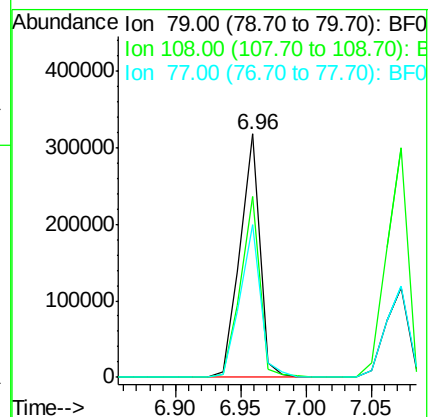
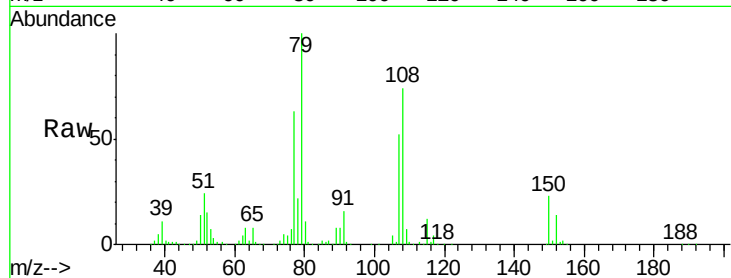
Tgt Ion: 79 Resp: 334676

Ion Ratio Lower Upper

79 100

108 74.2 65.0 97.6

77 62.8 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.72 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

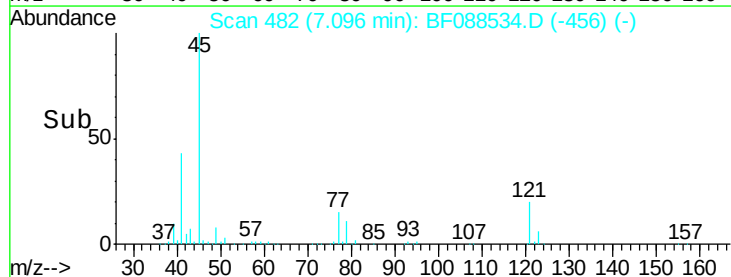
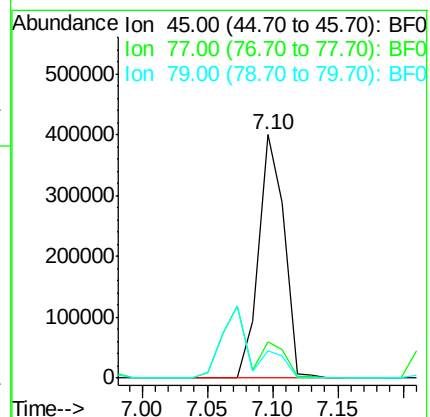
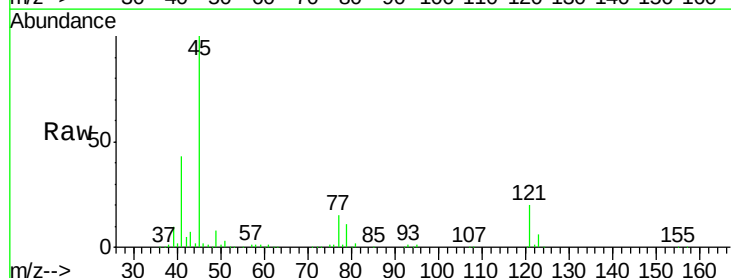
Tgt Ion: 45 Resp: 547017

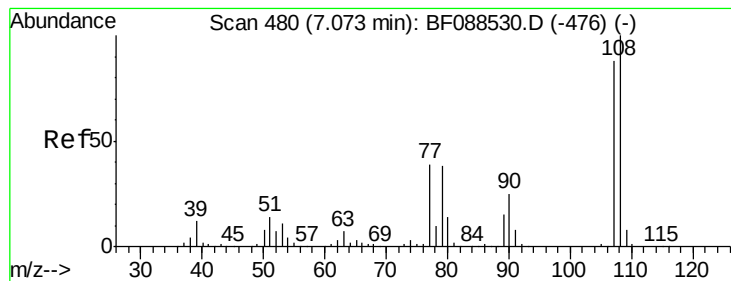
Ion Ratio Lower Upper

45 100

77 15.1 0.0 32.5

79 11.0 0.0 29.5





#17

2-Methylphenol

Concen: 40.75 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

Tgt Ion:107 Resp: 301432

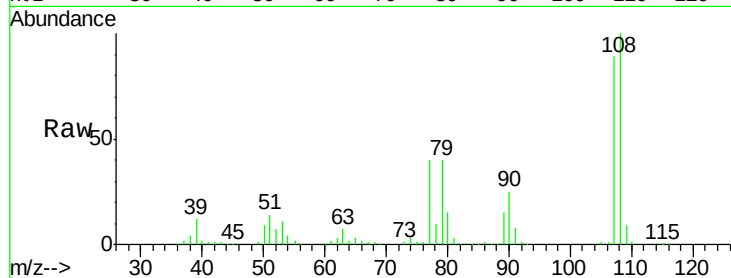
Ion Ratio Lower Upper

107 100

108 112.4 90.9 136.3

77 44.4 36.6 55.0

79 44.4 36.5 54.7

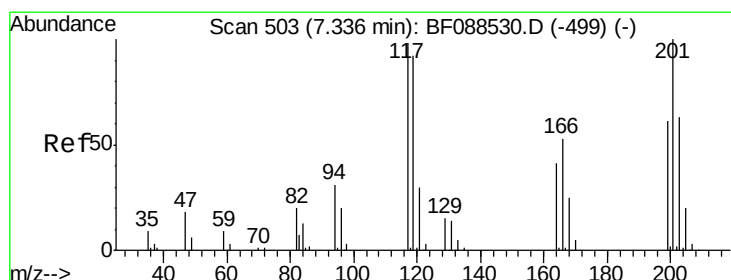
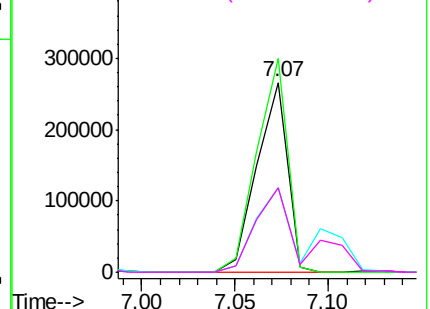
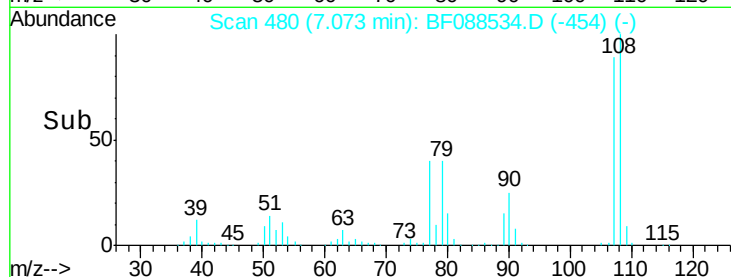


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.96 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

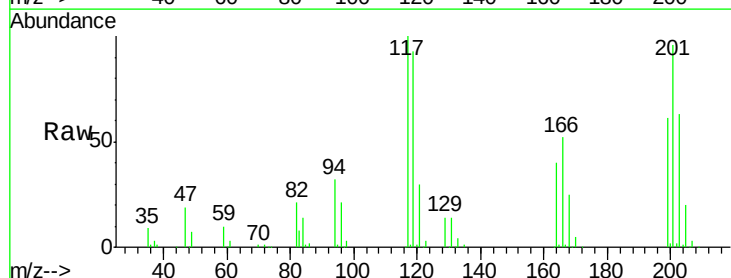
Tgt Ion:117 Resp: 156894

Ion Ratio Lower Upper

117 100

119 93.1 77.4 116.2

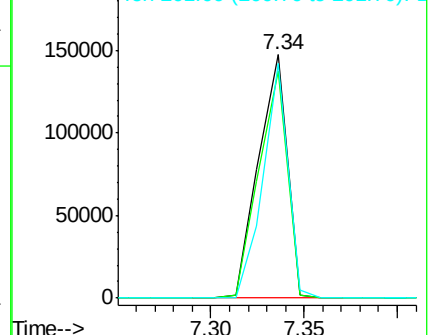
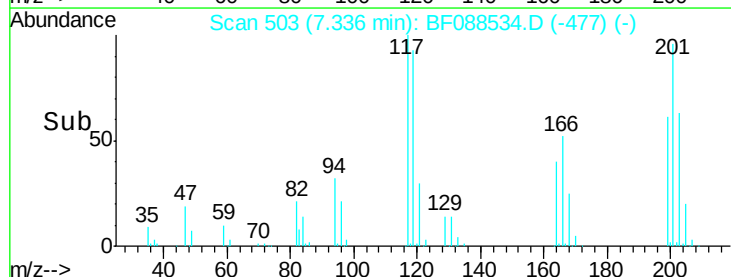
201 96.4 80.4 120.6

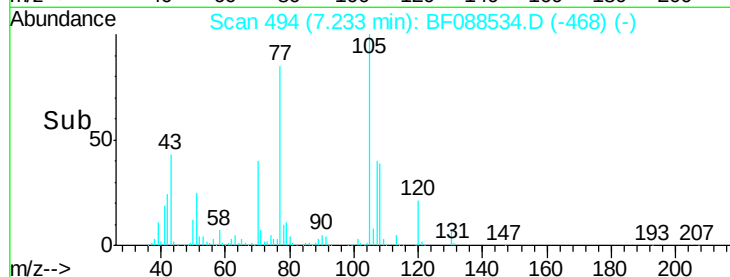
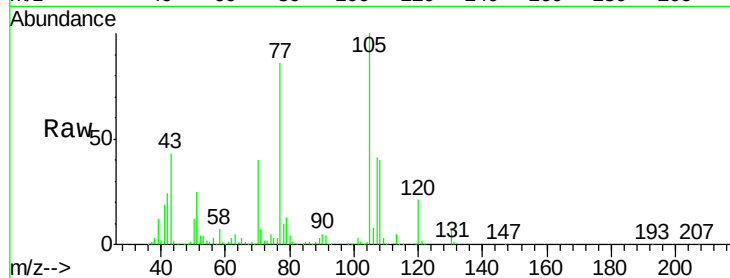
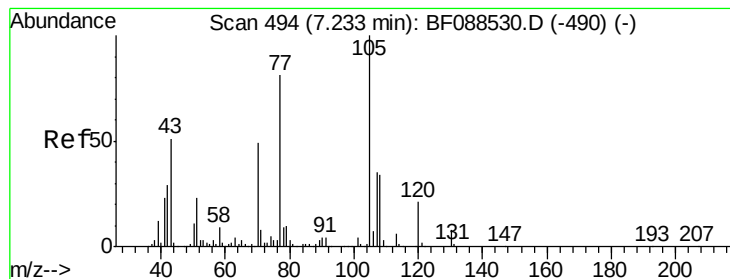


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.93 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

Tgt Ion: 70 Resp: 277728

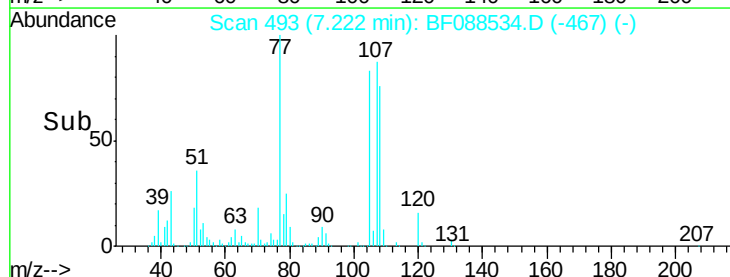
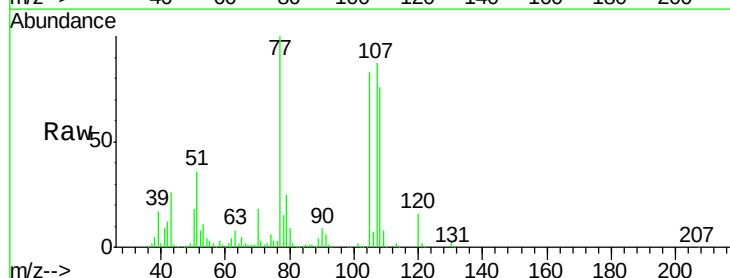
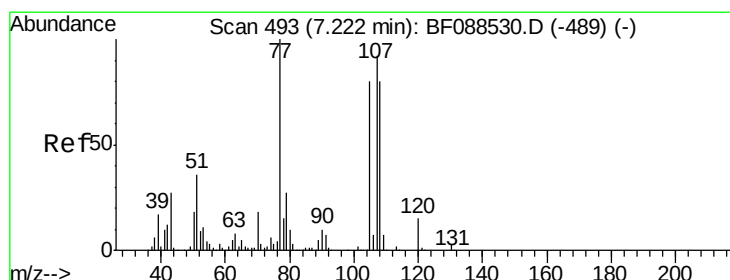
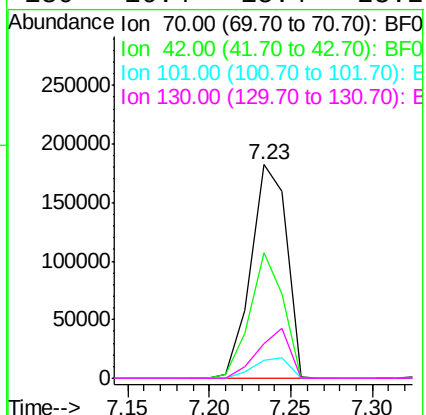
Ion Ratio Lower Upper

70 100

42 58.9 49.6 74.4

101 8.3 7.1 10.7

130 16.4 15.4 23.2



#20

3+4-Methylphenols

Concen: 37.59 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Tgt Ion: 107 Resp: 333699

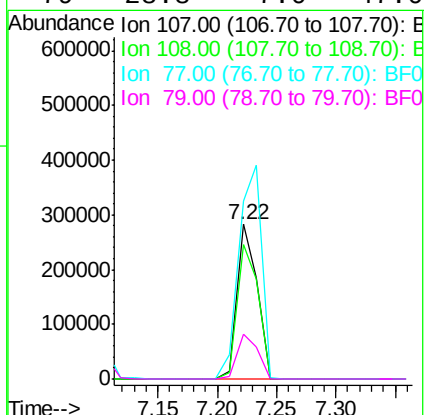
Ion Ratio Lower Upper

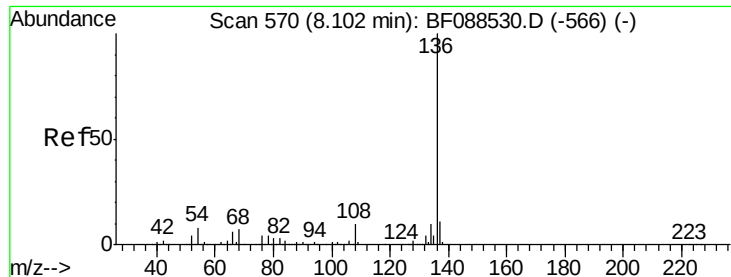
107 100

108 87.3 67.8 107.8

77 115.3 59.3 99.3#

79 28.8 7.0 47.0

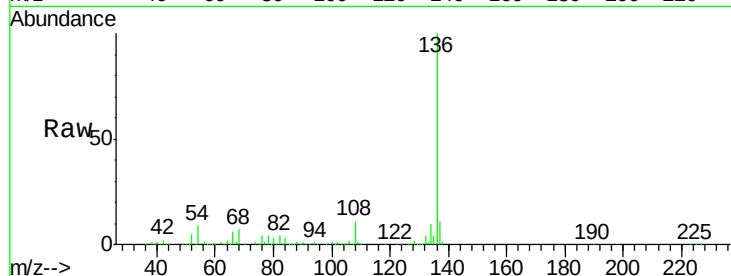




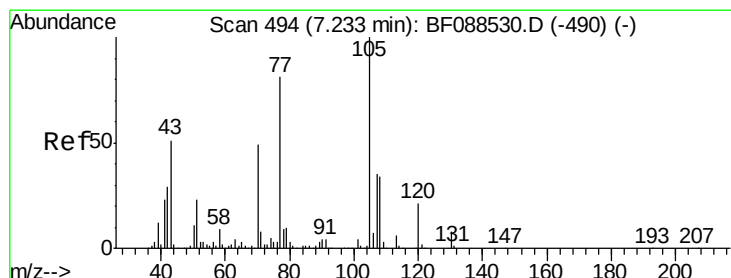
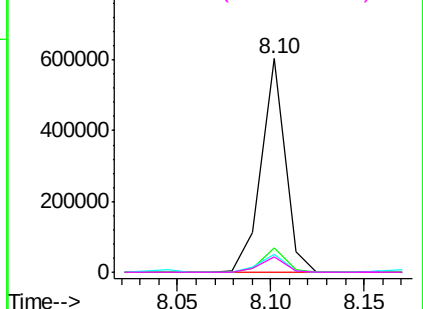
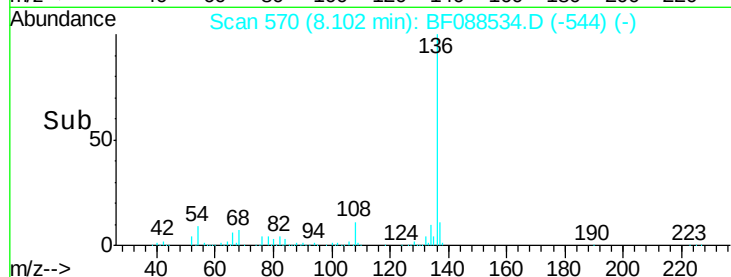
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion:	136	Resp:	532070
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.5	6.6	10.0
68	7.3	5.1	7.7

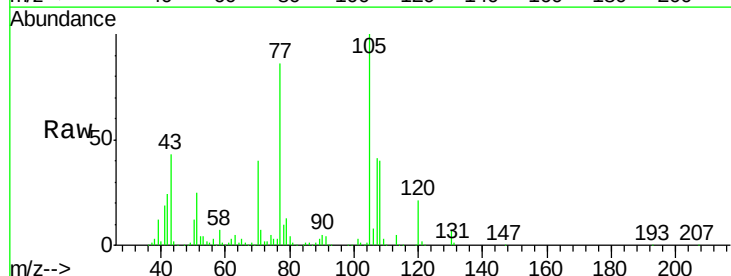


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

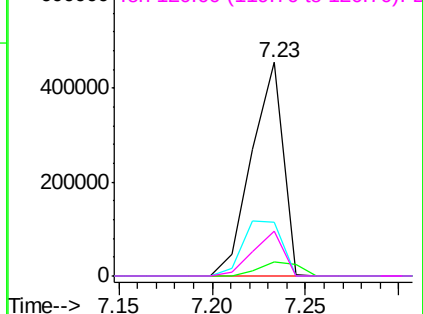
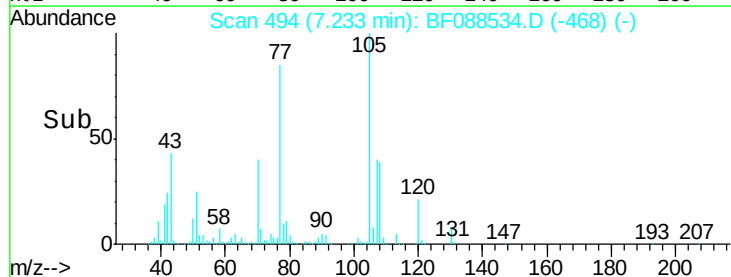


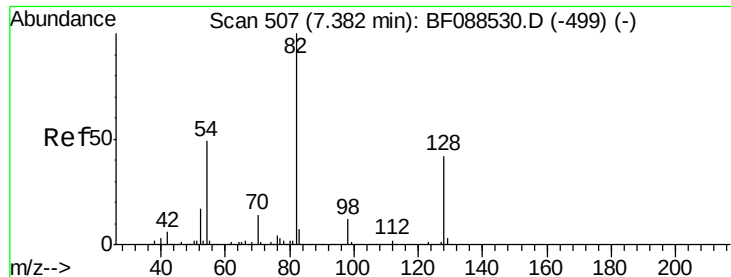
#22
Acetophenone
Concen: 41.04 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion:	105	Resp:	529984
Ion	Ratio	Lower	Upper
105	100		
71	6.6	5.3	7.9
51	25.4	18.2	27.4
120	20.9	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

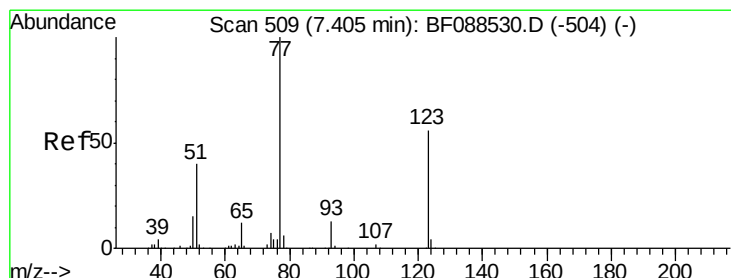
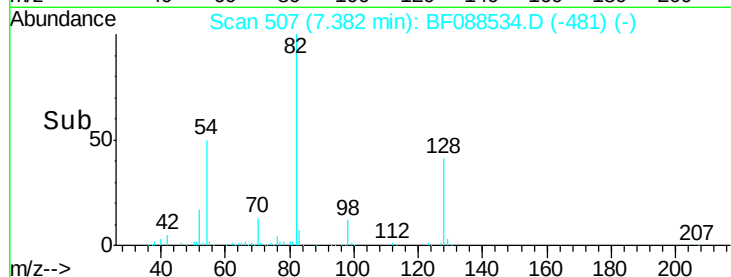
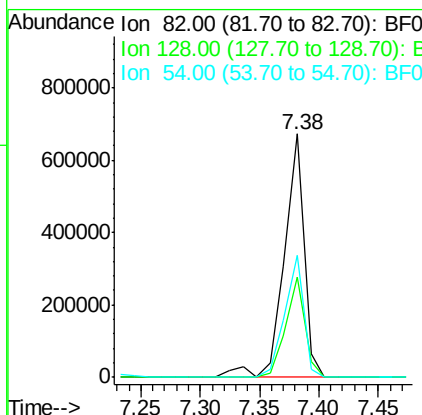
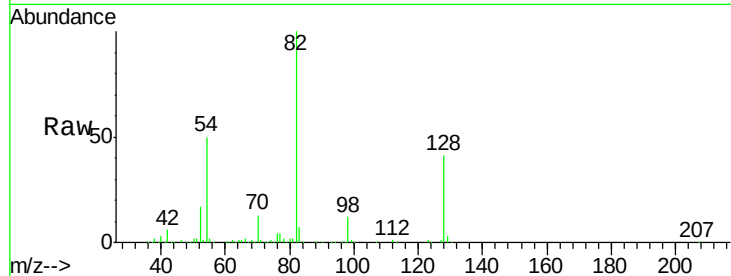




#23
 Nitrobenzene-d5
 Concen: 76.56 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

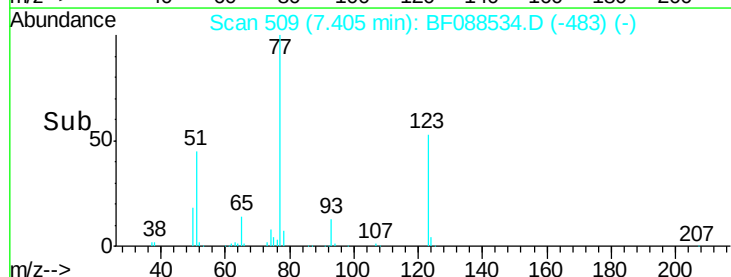
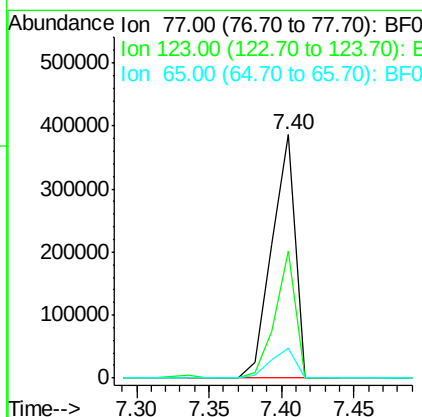
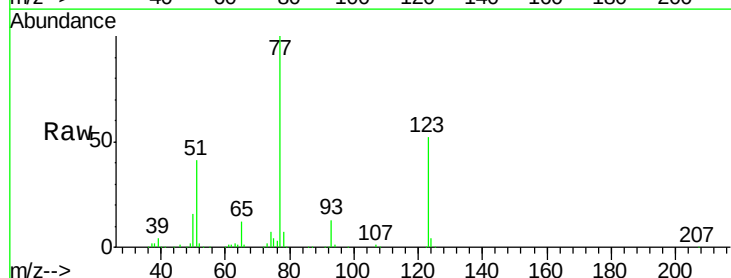
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

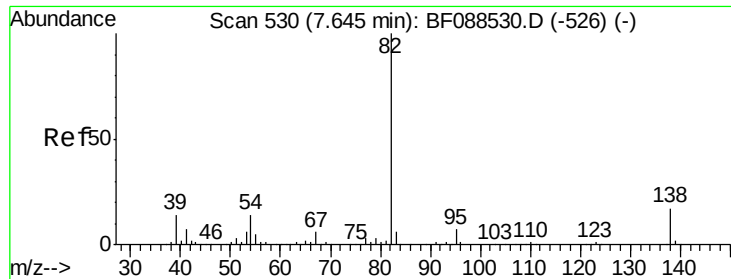
Tgt Ion: 82 Resp: 777310
 Ion Ratio Lower Upper
 82 100
 128 41.1 35.9 53.9
 54 50.3 40.9 61.3



#24
 Nitrobenzene
 Concen: 41.82 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion: 77 Resp: 428056
 Ion Ratio Lower Upper
 77 100
 123 52.3 45.0 67.4
 65 12.2 10.2 15.2





#25

Isophorone

Concen: 38.87 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

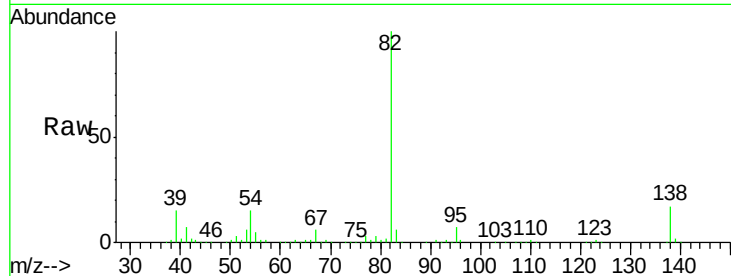
Tgt Ion: 82 Resp: 731009

Ion Ratio Lower Upper

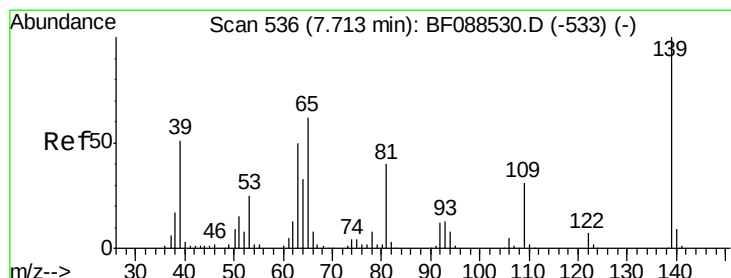
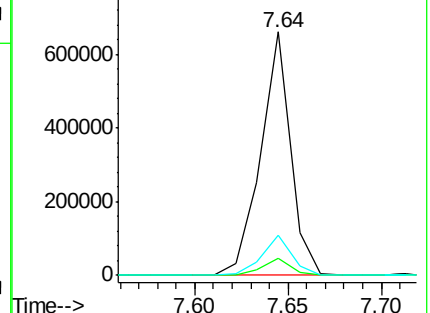
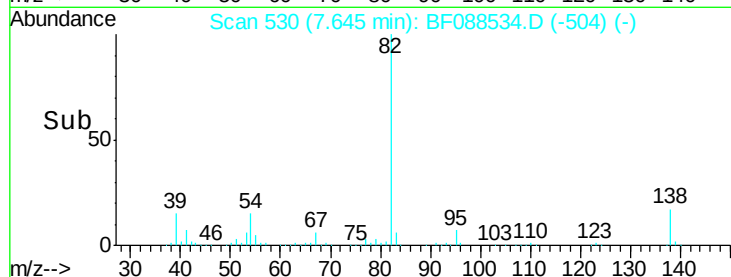
82 100

95 6.8 5.4 8.2

138 16.6 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.30 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

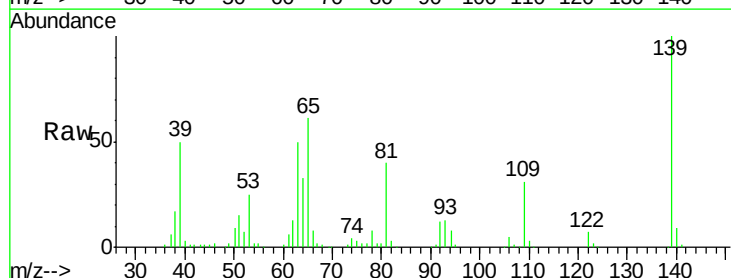
Tgt Ion: 139 Resp: 160760

Ion Ratio Lower Upper

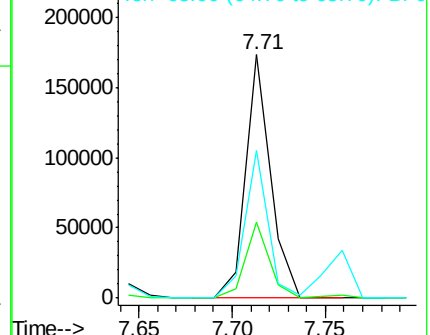
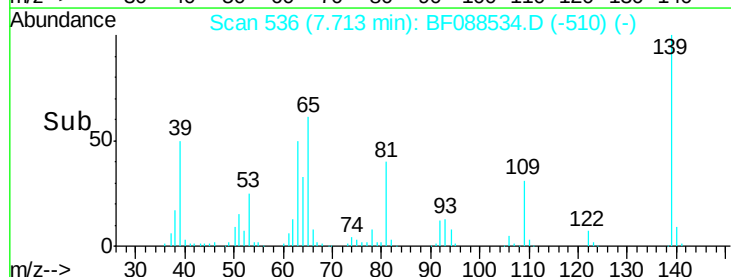
139 100

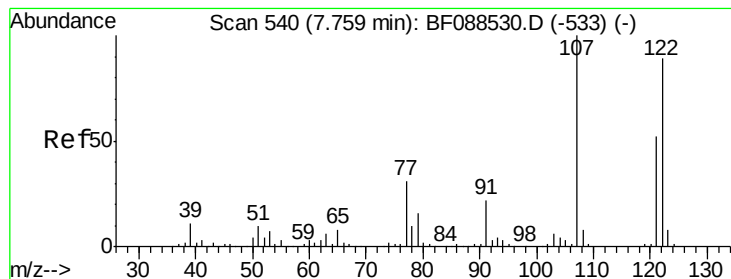
109 31.2 23.0 34.4

65 60.5 45.8 68.8



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





#27

2,4-Dimethylphenol

Concen: 40.95 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

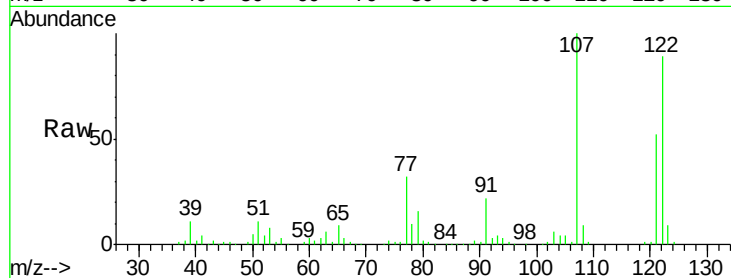
Tgt Ion: 122 Resp: 358028

Ion Ratio Lower Upper

122 100

107 112.4 82.4 123.6

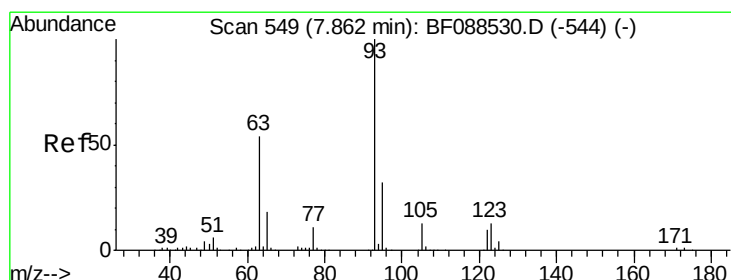
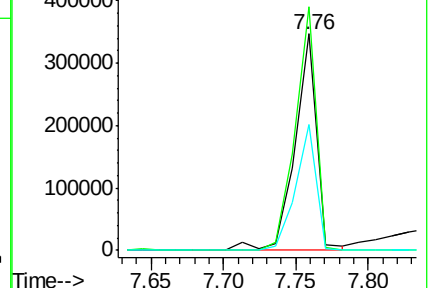
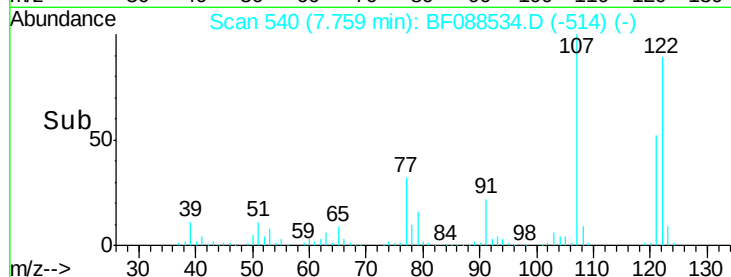
121 58.3 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.01 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

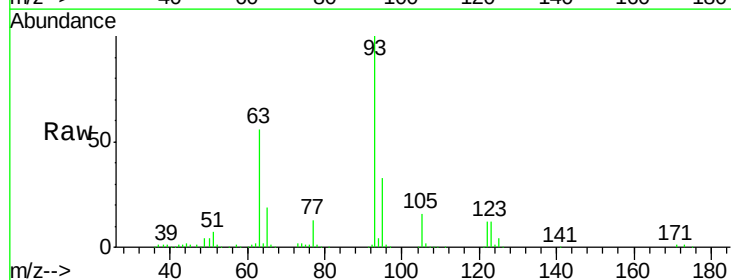
Tgt Ion: 93 Resp: 477437

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

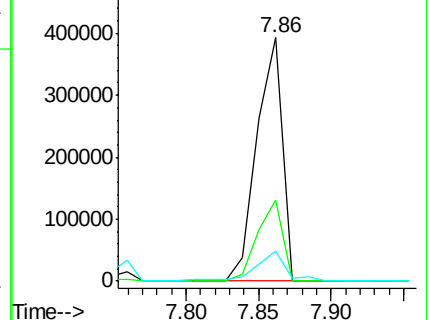
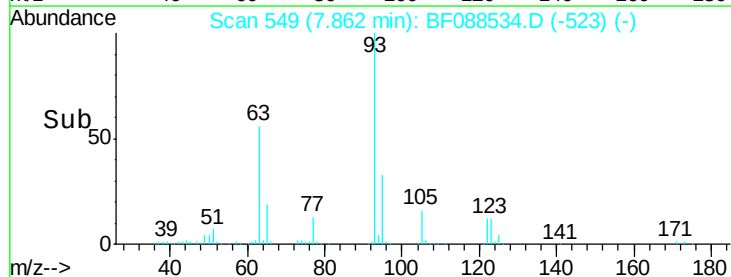
123 12.5 11.6 17.4

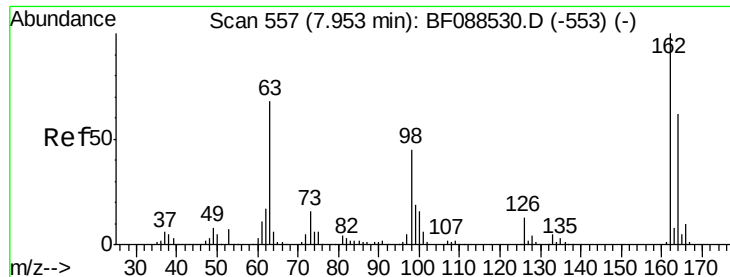


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

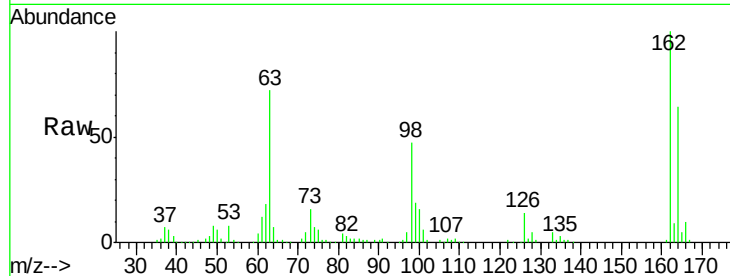




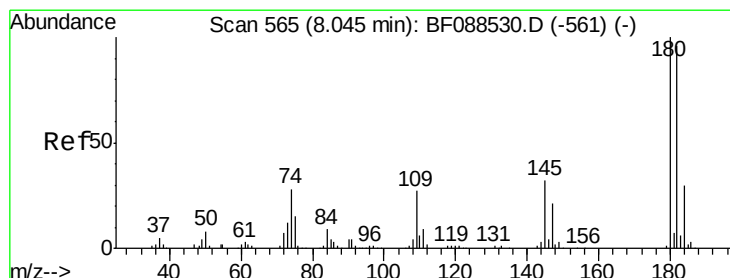
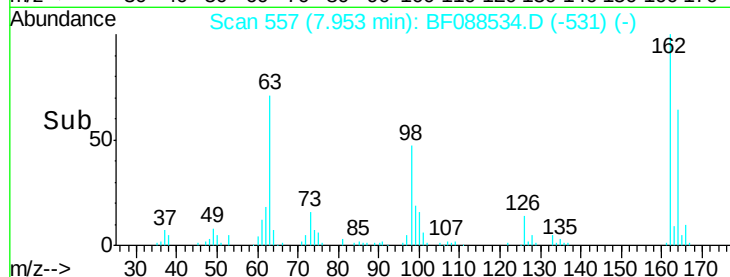
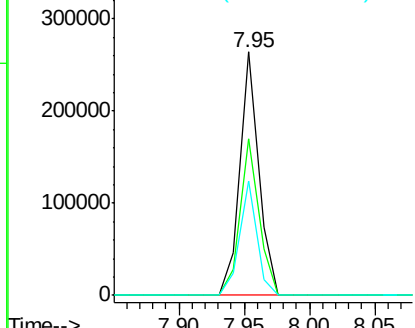
#29
 2,4-Dichlorophenol
 Concen: 37.61 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.8	83.8
98	47.2	21.3	61.3

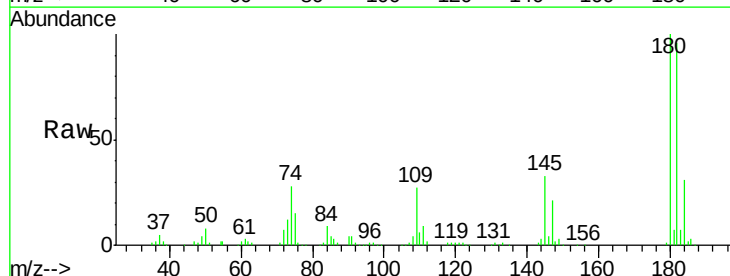


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

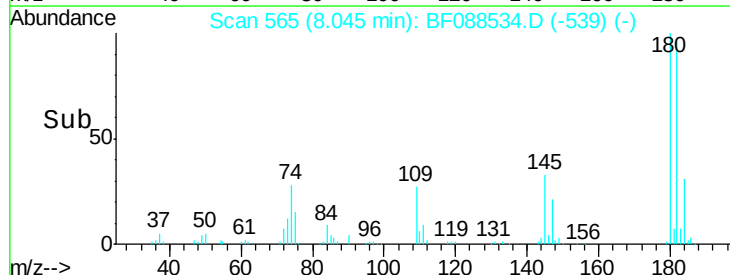
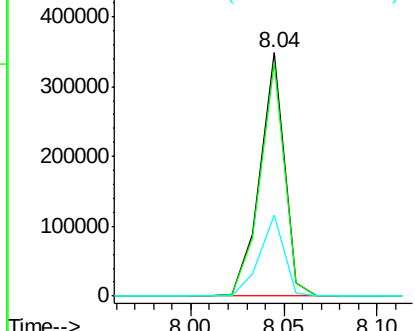


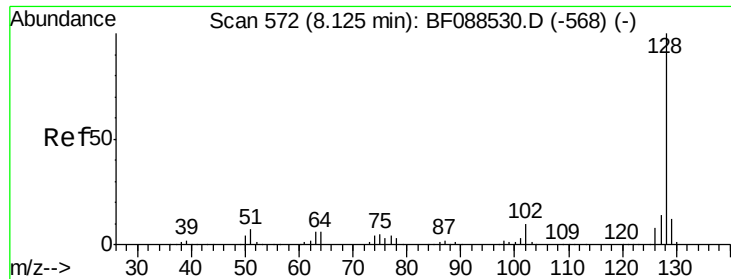
#30
 1,2,4-Trichlorobenzene
 Concen: 40.50 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.0	114.0
145	33.2	26.5	39.7



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





#31

Naphthalene

Concen: 40.62 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

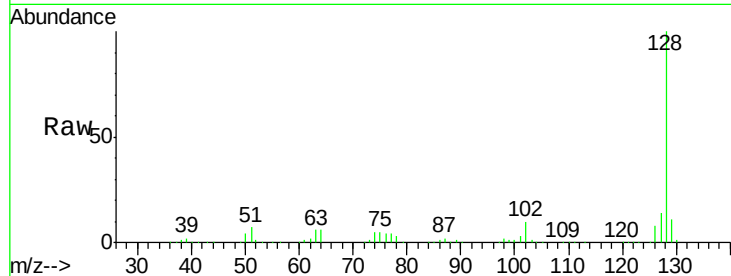
Tgt Ion:128 Resp: 1065421

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.2

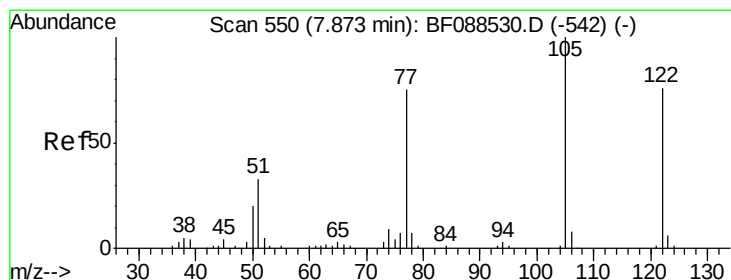
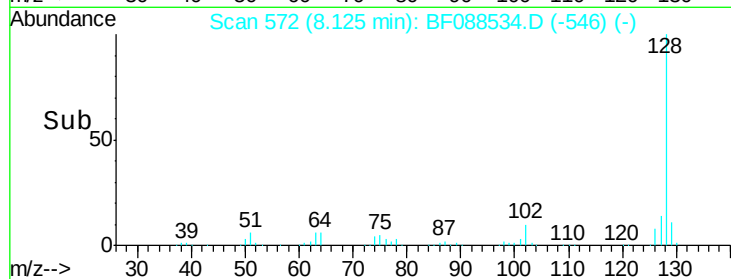
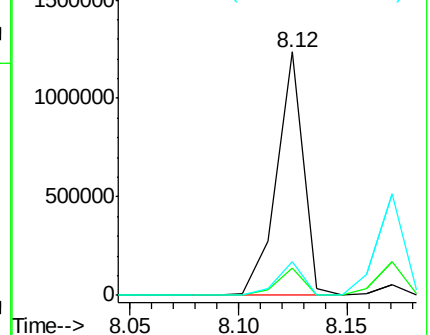
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.73 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

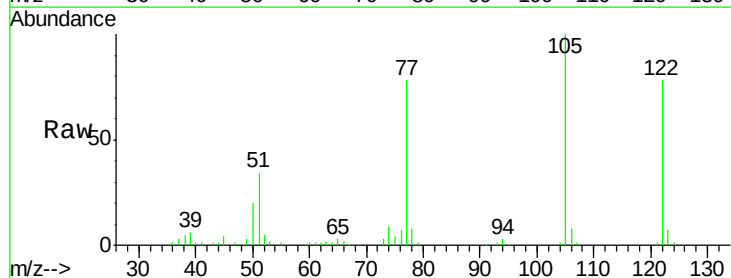
Tgt Ion:122 Resp: 264876

Ion Ratio Lower Upper

122 100

105 128.9 101.6 141.6

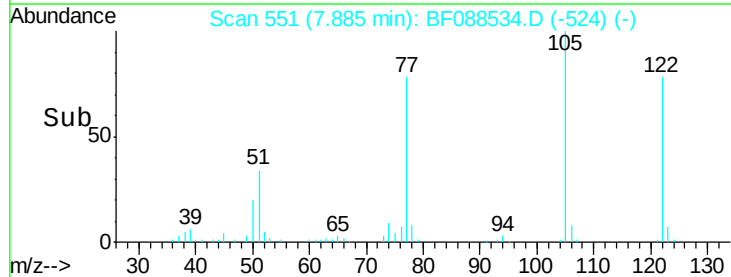
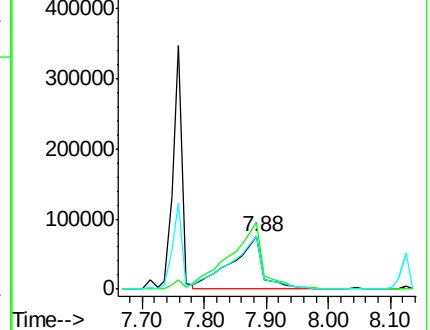
77 100.1 70.6 110.6

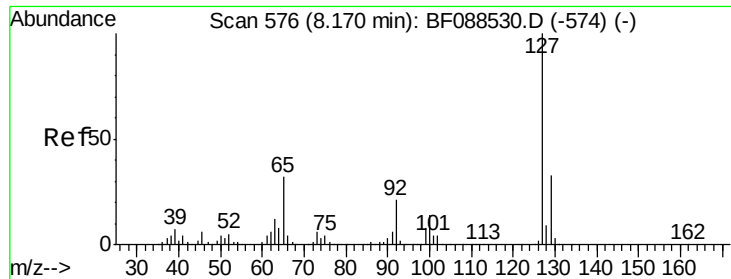


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

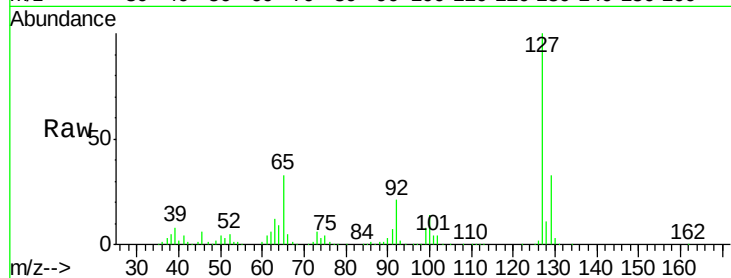




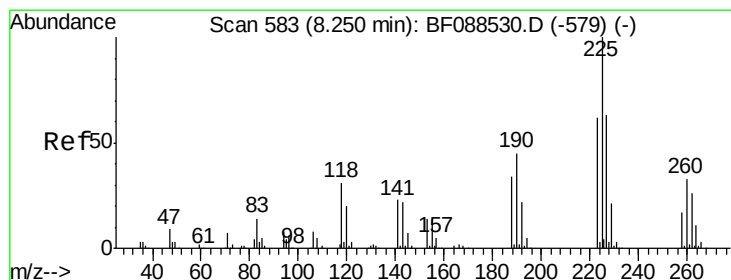
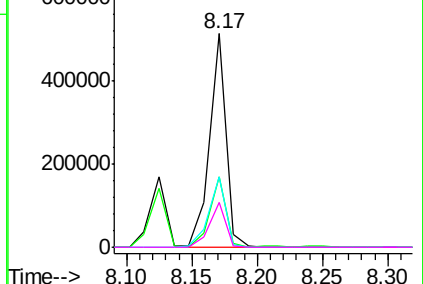
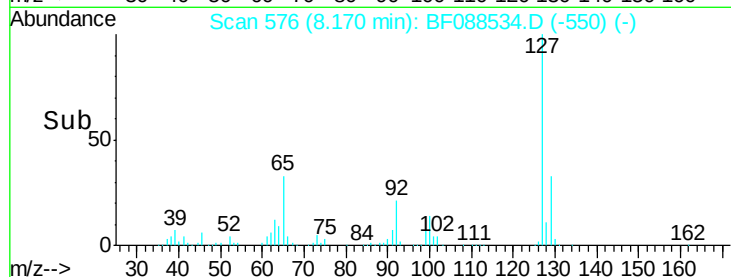
#33
4-Chloroaniline
Concen: 38.67 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion:	127	Resp:	451324
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	33.1	24.7	37.1
92	21.1	15.4	23.0

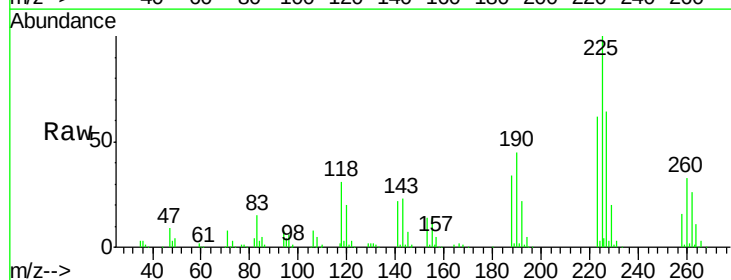


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

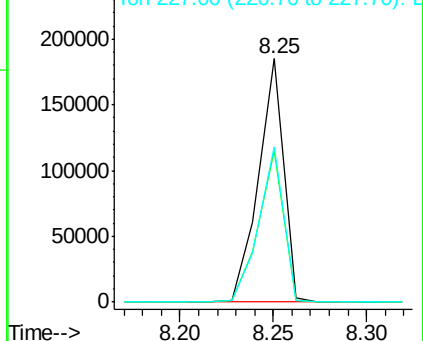
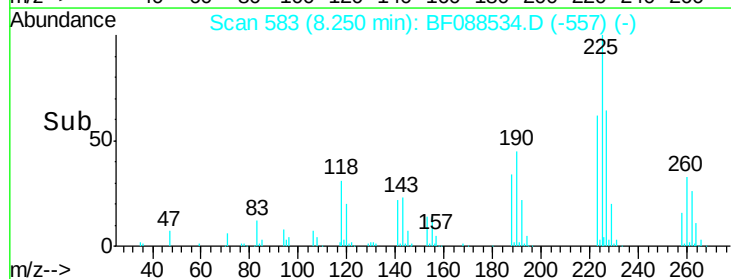


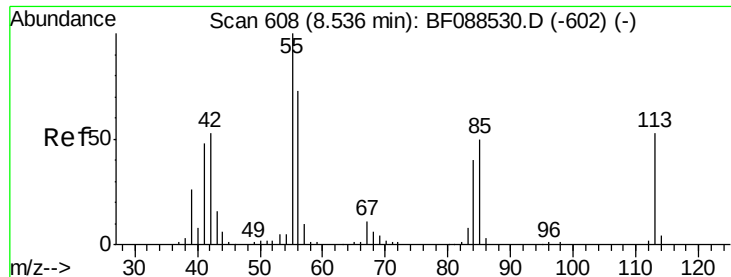
#34
Hexachlorobutadiene
Concen: 41.21 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion:	225	Resp:	171103
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.9	76.3
227	63.9	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

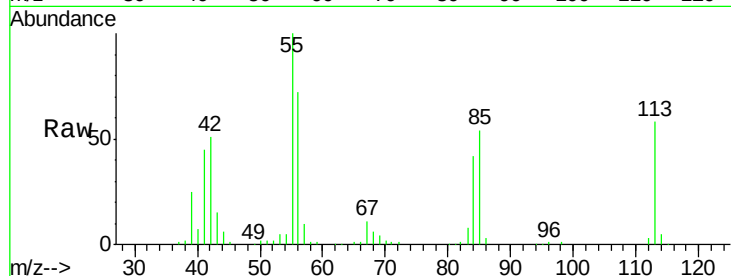




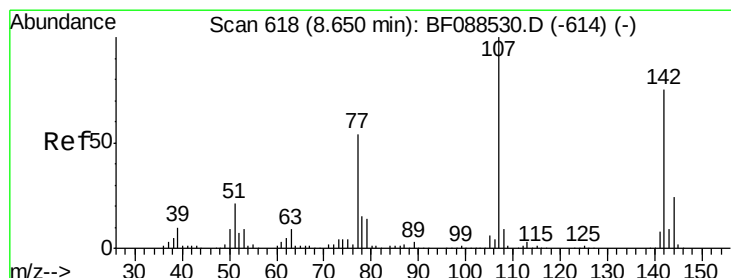
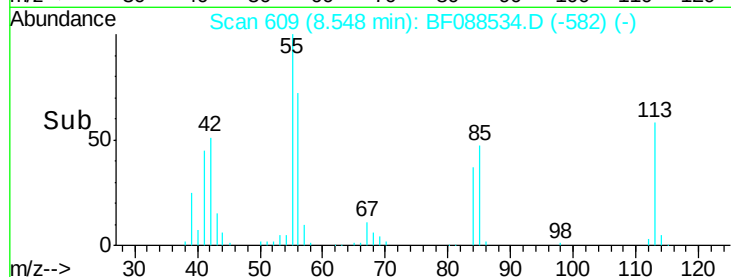
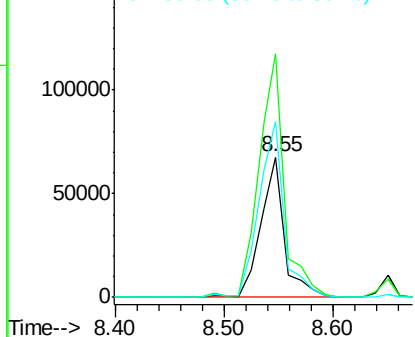
#35
 Caprolactam
 Concen: 42.67 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion:113 Resp: 102406
 Ion Ratio Lower Upper
 113 100
 55 173.5 158.6 198.6
 56 125.0 110.6 150.6

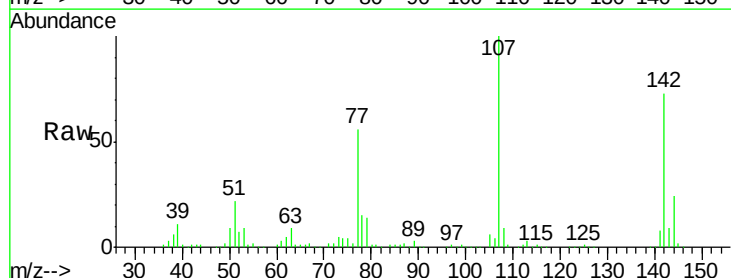


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

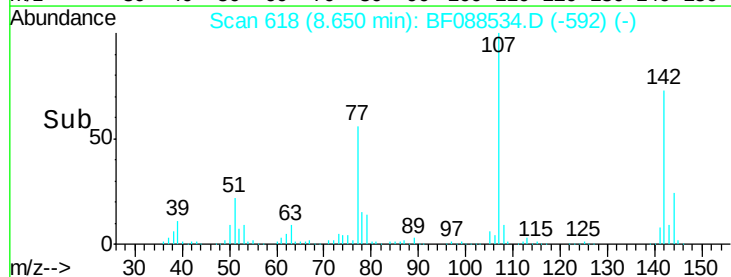
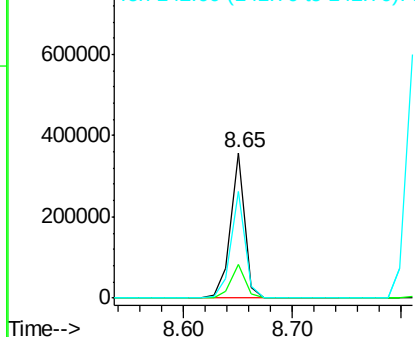


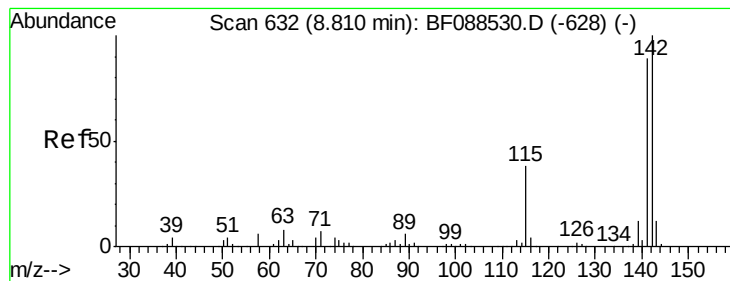
#36
 4-Chloro-3-methylphenol
 Concen: 38.34 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion:107 Resp: 320384
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.8 31.2
 142 73.2 63.4 95.2



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





#37

2-Methylnaphthalene

Concen: 36.18 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

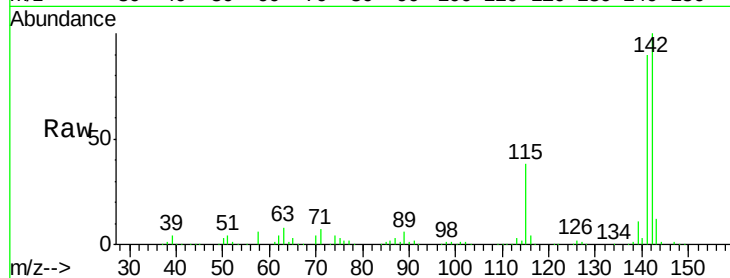
Tgt Ion:142 Resp: 611101

Ion Ratio Lower Upper

142 100

141 90.3 71.0 106.6

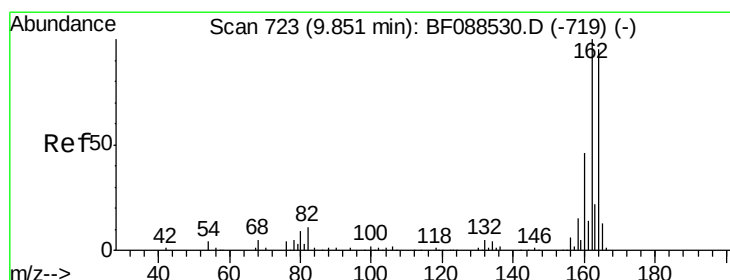
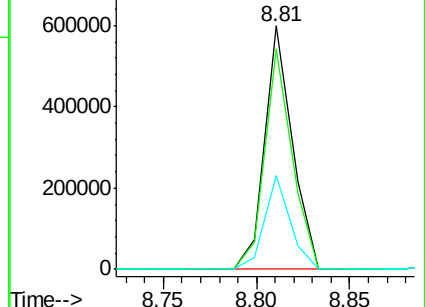
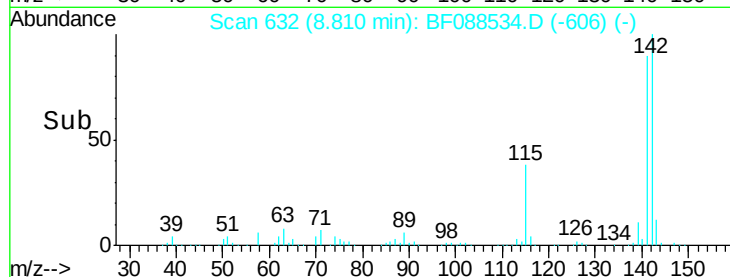
115 38.3 22.6 33.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

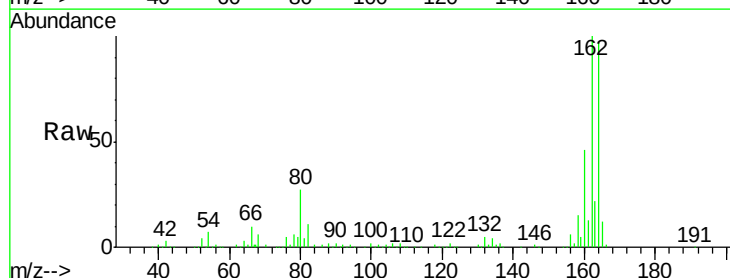
Tgt Ion:164 Resp: 241468

Ion Ratio Lower Upper

164 100

162 103.5 85.4 128.2

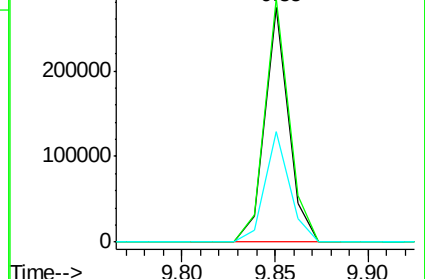
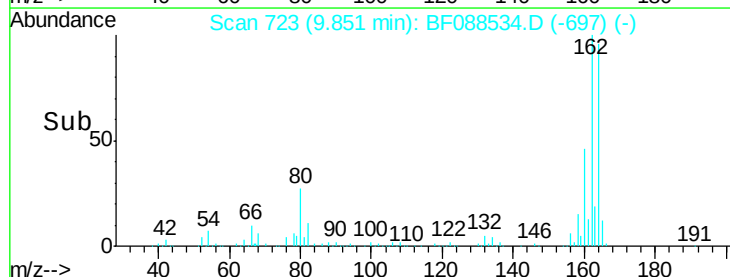
160 47.1 39.5 59.3

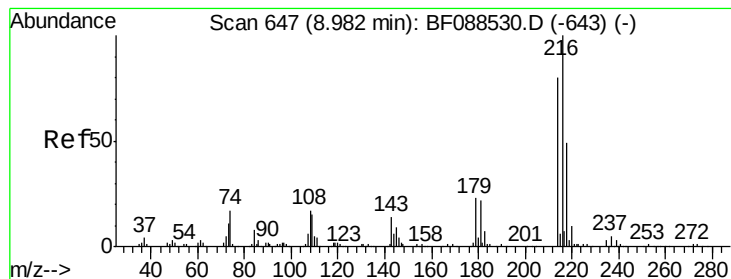


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.81 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

Tgt Ion:216 Resp: 327734

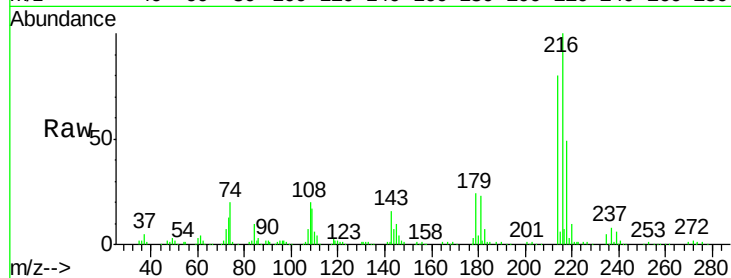
Ion Ratio Lower Upper

216 100

214 80.1 2.9 4.3#

179 24.0 0.0 0.0#

108 23.6 0.5 0.7#

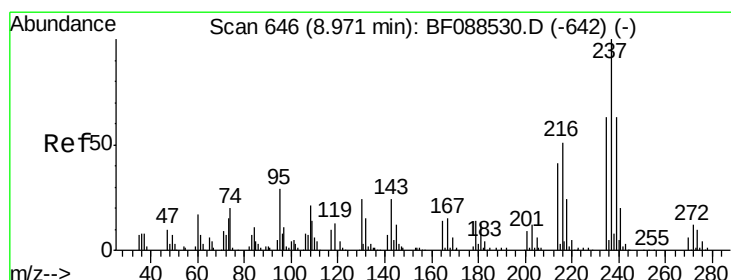
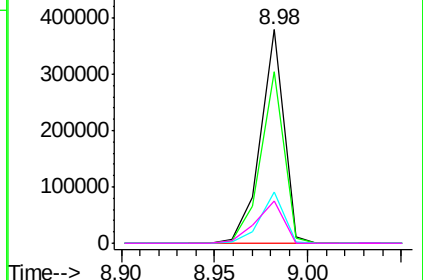
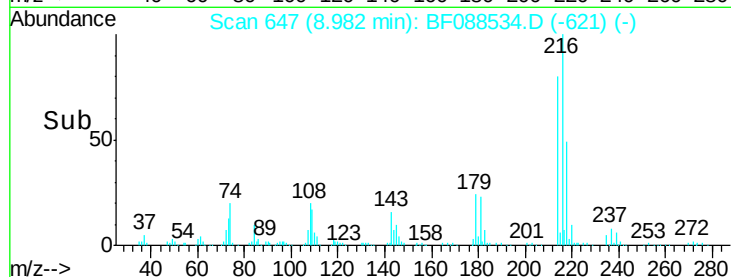


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.85 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

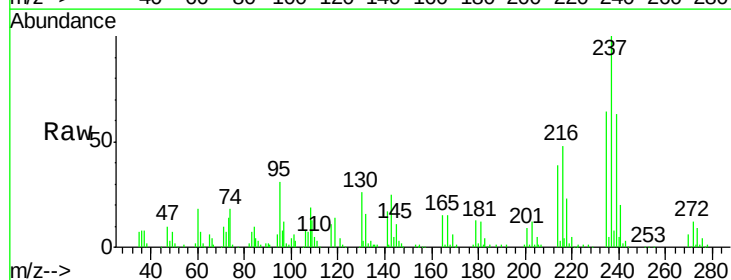
Tgt Ion:237 Resp: 153127

Ion Ratio Lower Upper

237 100

235 63.8 43.4 83.4

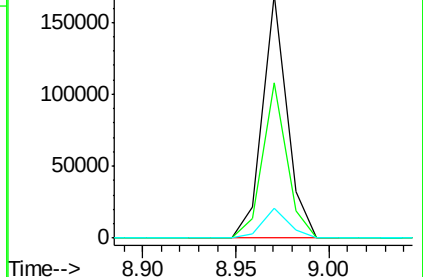
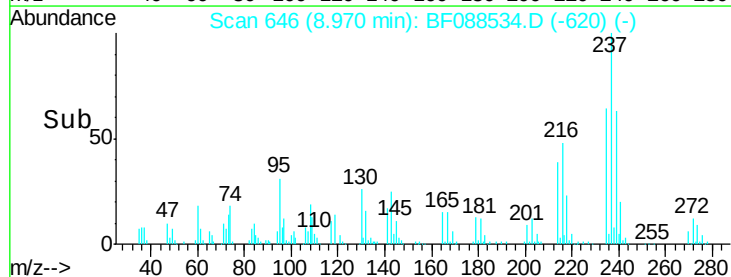
272 12.2 0.0 32.3

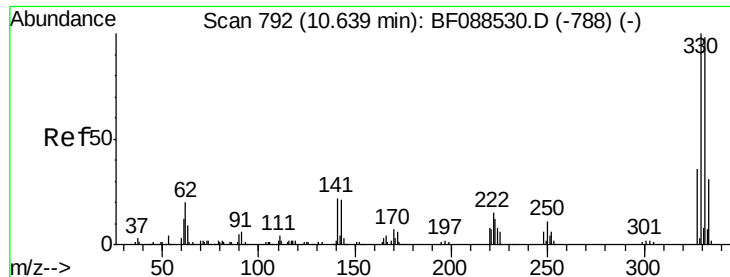


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

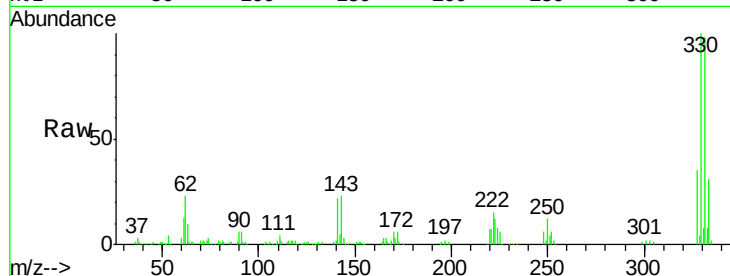




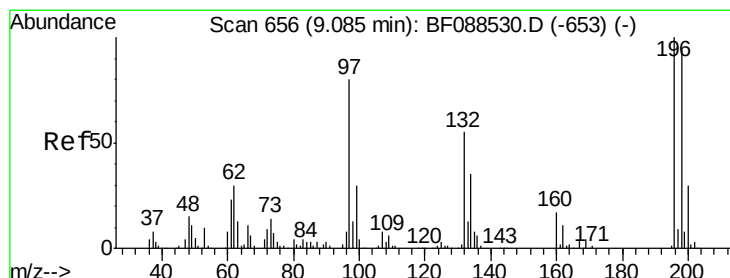
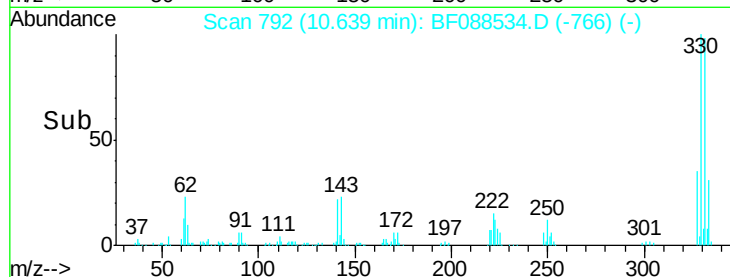
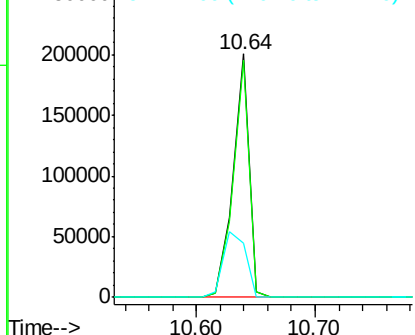
#41
 2,4,6-Tribromophenol
 Concen: 84.61 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion:330 Resp: 189728
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 37.9 0.0 0.0#

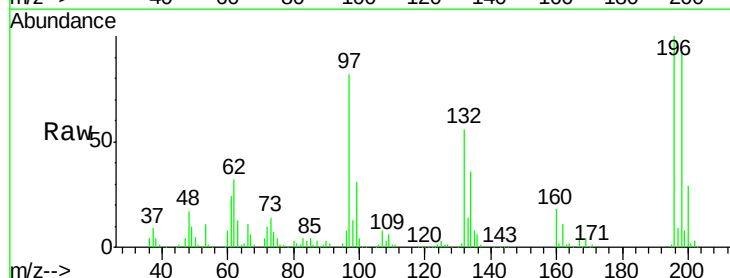


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

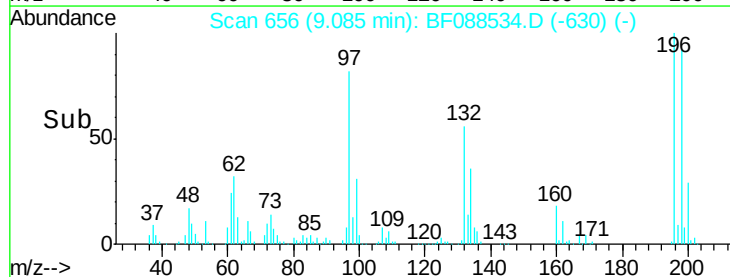
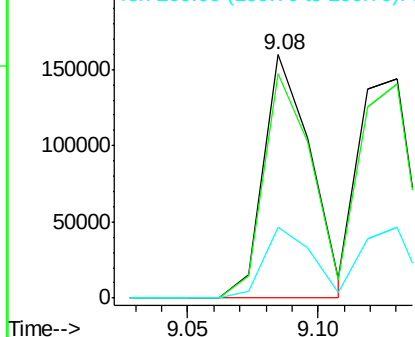


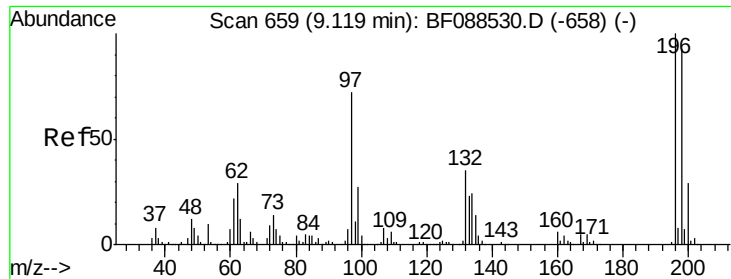
#42
 2,4,6-Trichlorophenol
 Concen: 37.93 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion:196 Resp: 200858
 Ion Ratio Lower Upper
 196 100
 198 92.3 78.0 117.0
 200 29.2 25.4 38.2



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

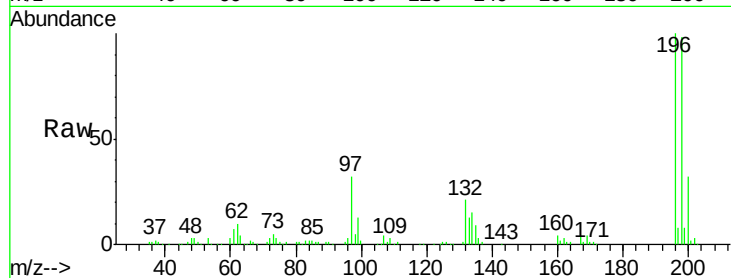




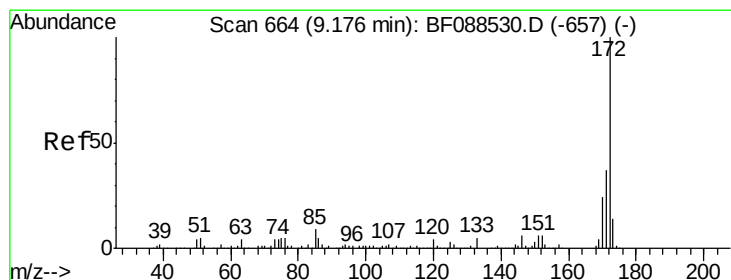
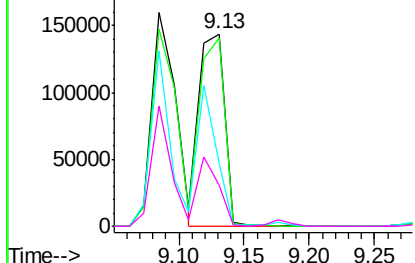
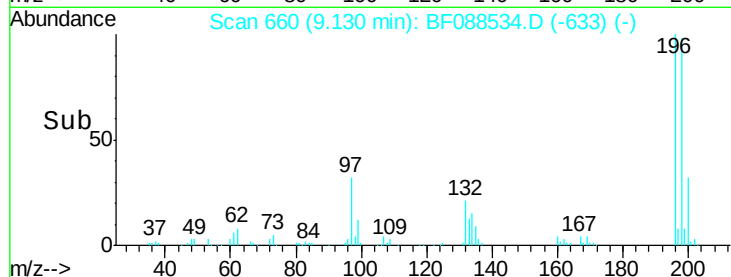
#43
 2,4,5-Trichlorophenol
 Concen: 43.09 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion:196 Resp: 196332
 Ion Ratio Lower Upper
 196 100
 198 97.9 77.5 116.3
 97 32.5 32.0 48.0
 132 21.3 20.9 31.3

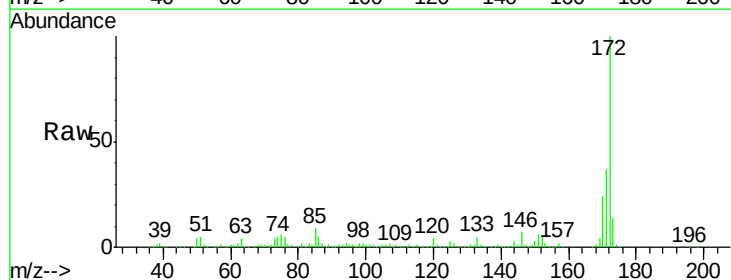


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

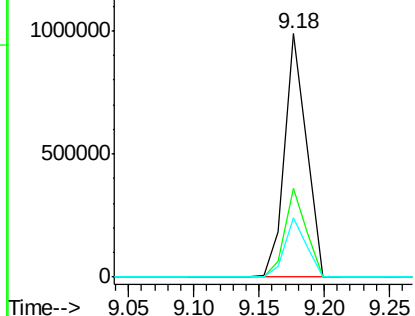
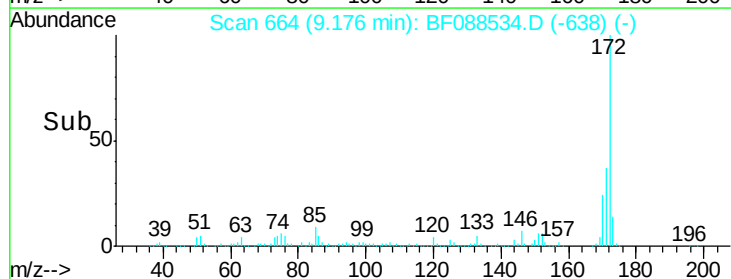


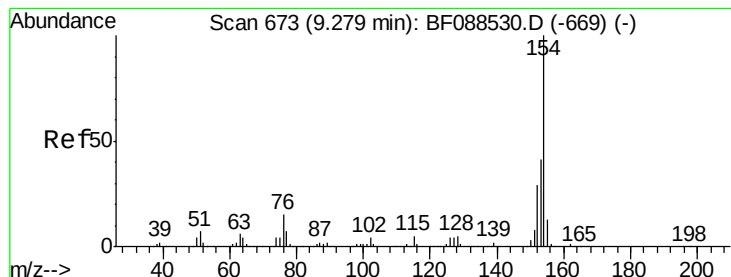
#44
 2-Fluorobiphenyl
 Concen: 76.11 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion:172 Resp: 1163439
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.3 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.91 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

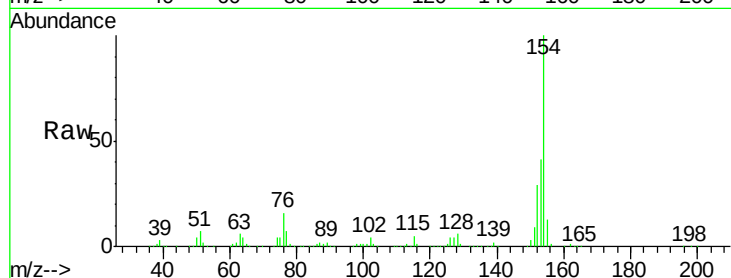
Tgt Ion:154 Resp: 797974

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

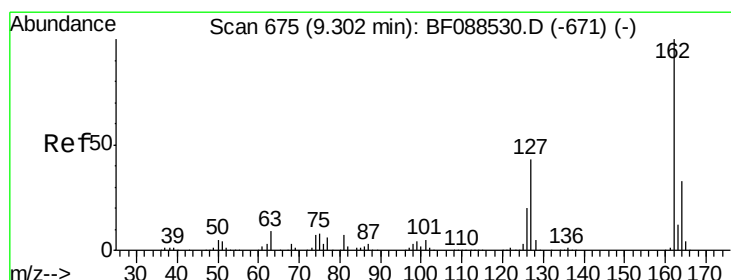
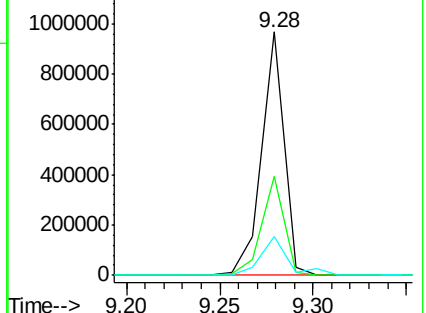
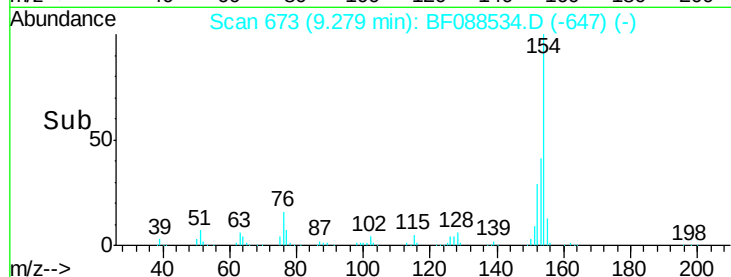
76 15.8 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.76 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

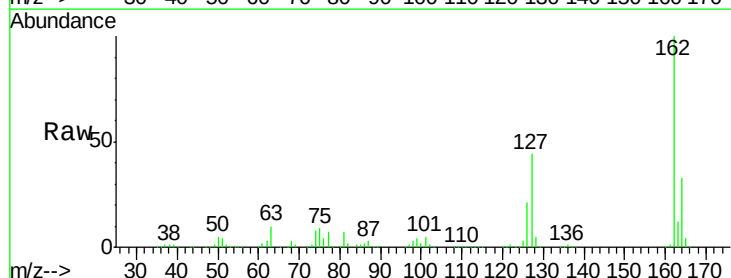
Tgt Ion:162 Resp: 639861

Ion Ratio Lower Upper

162 100

127 44.0 35.2 52.8

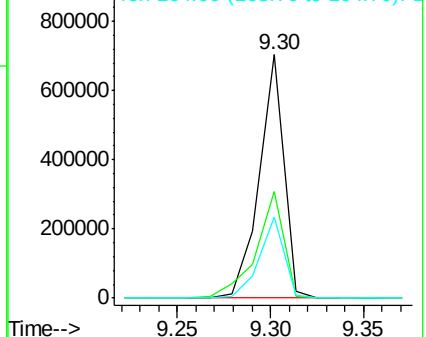
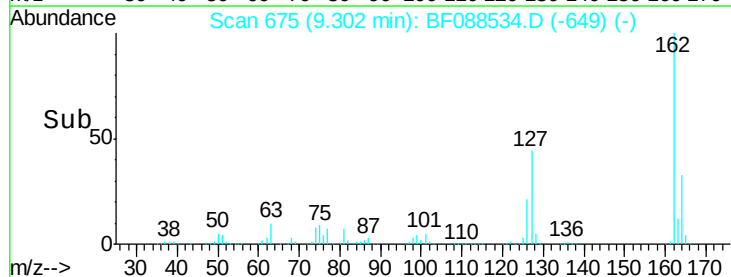
164 33.5 26.6 39.8

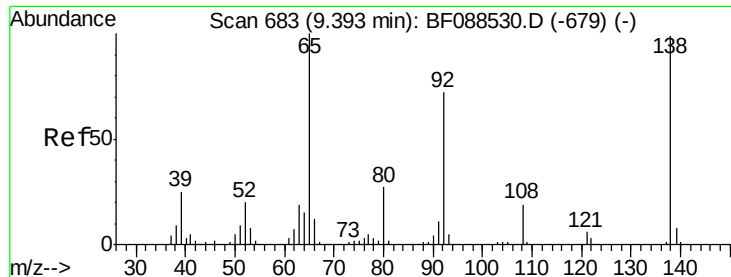


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

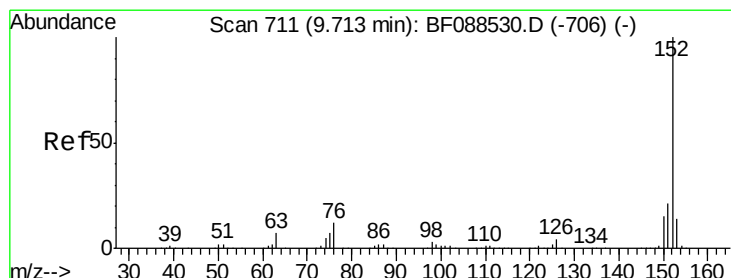
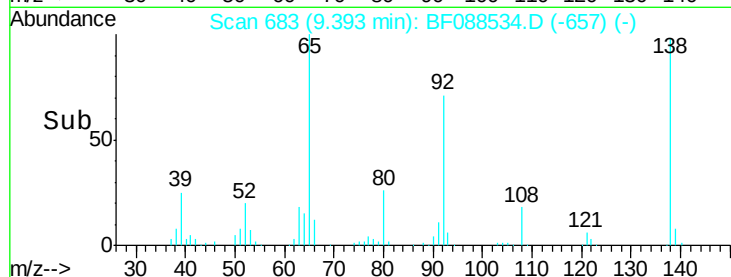
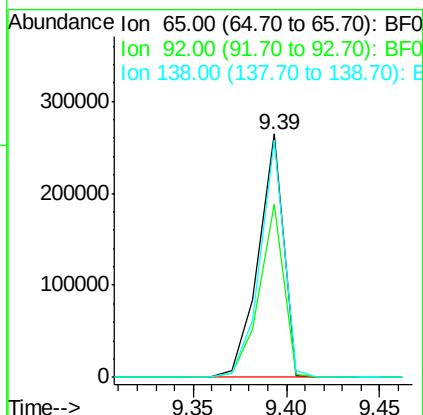
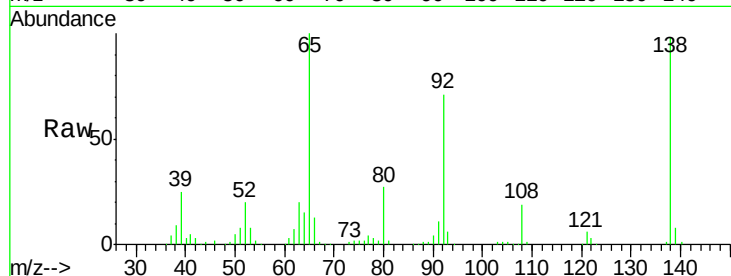




#47
2-Nitroaniline
Concen: 44.03 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

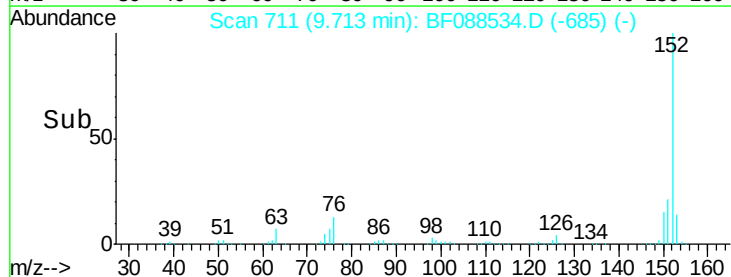
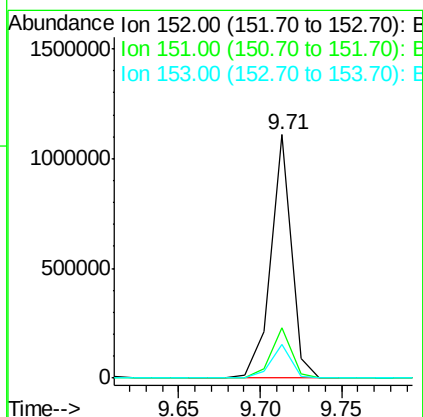
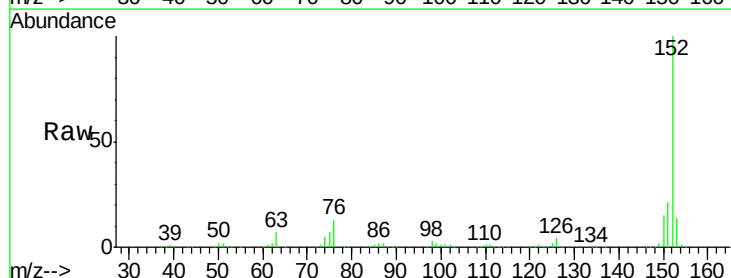
Instrument :
BNA_F
ClientSampleId :
ICVBF063016

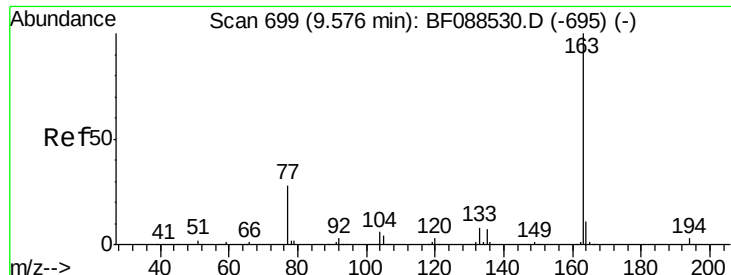
Tgt Ion: 65 Resp: 245278
Ion Ratio Lower Upper
65 100
92 71.0 54.6 82.0
138 97.6 77.0 115.4



#48
Acenaphthylene
Concen: 39.06 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion: 152 Resp: 975503
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.7 11.0 16.6





#49

Dimethylphthalate

Concen: 39.23 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

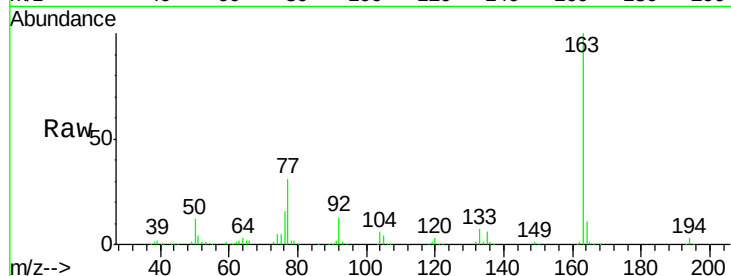
Tgt Ion:163 Resp: 674800

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

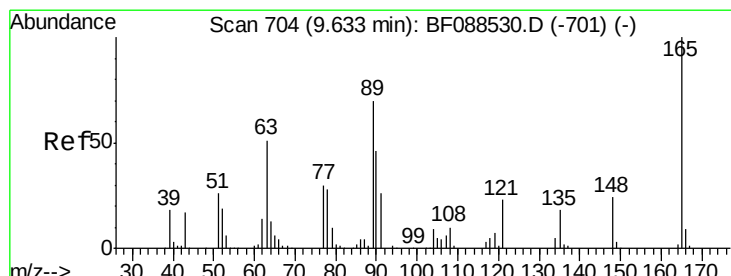
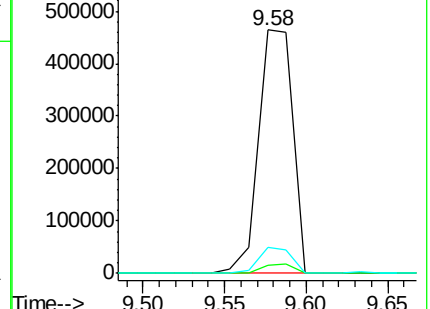
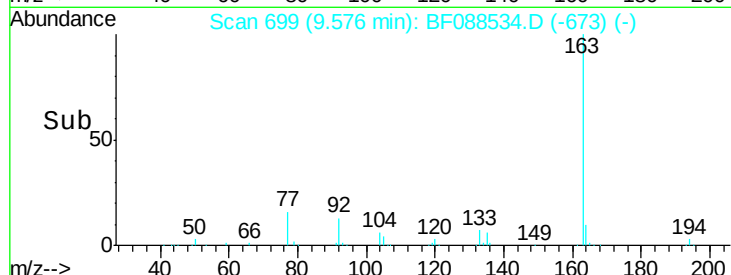
164 10.9 8.3 12.5



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: 38.61 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

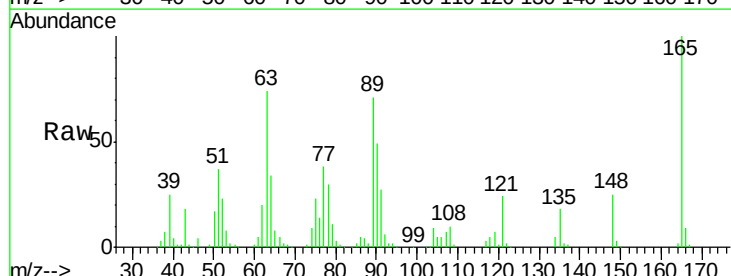
Tgt Ion:165 Resp: 147220

Ion Ratio Lower Upper

165 100

63 74.3 28.1 42.1#

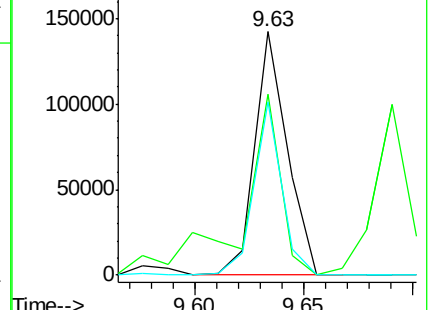
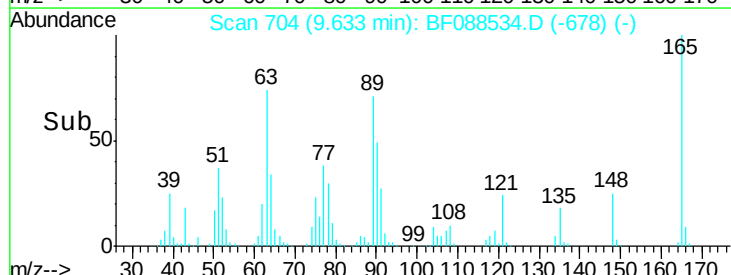
89 71.2 32.2 48.2#

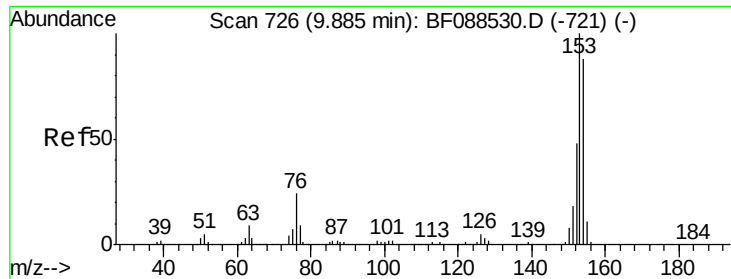


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.93 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

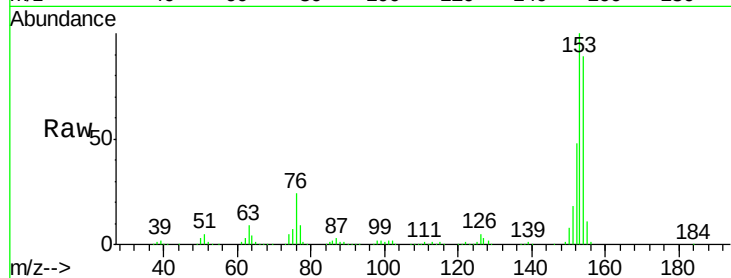
Tgt Ion:154 Resp: 580642

Ion Ratio Lower Upper

154 100

153 112.8 89.5 134.3

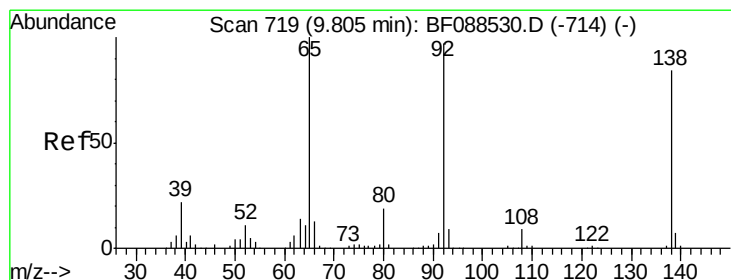
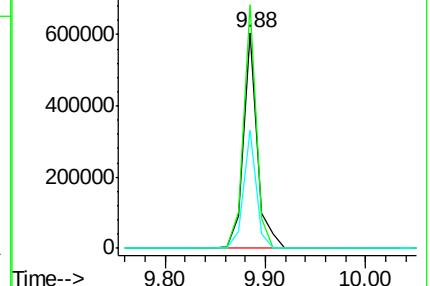
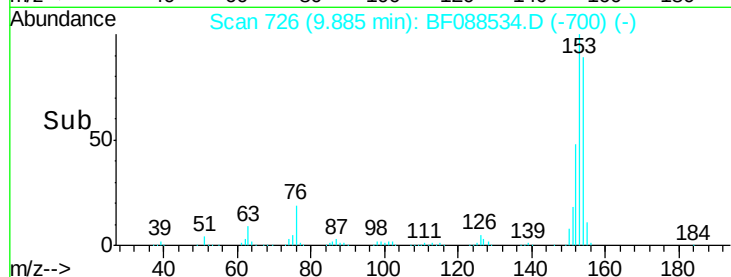
152 54.5 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.90 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

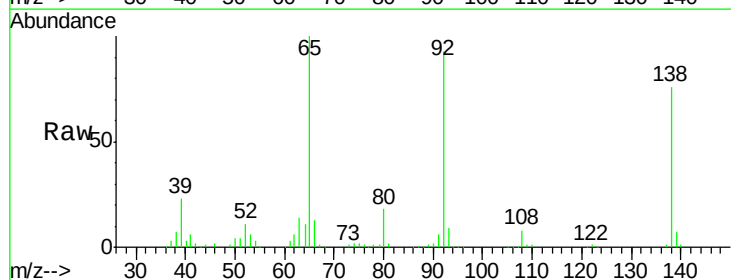
Tgt Ion:138 Resp: 212767

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

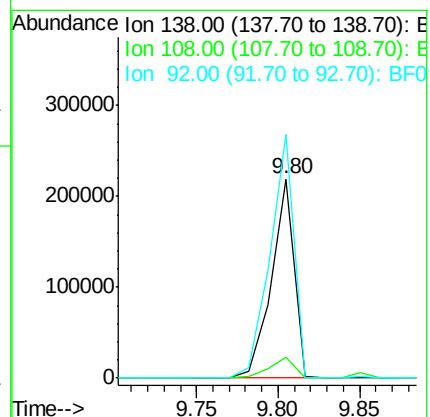
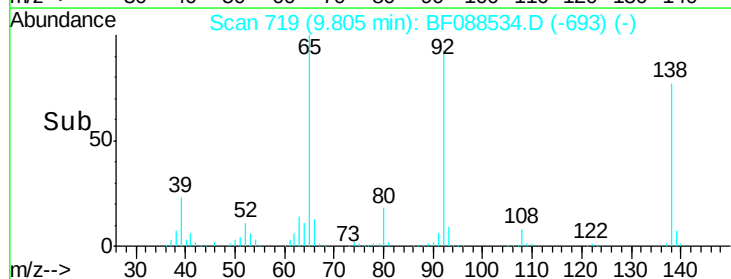
92 122.2 95.7 143.5

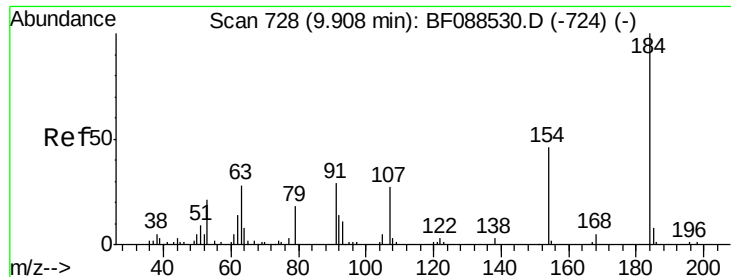


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

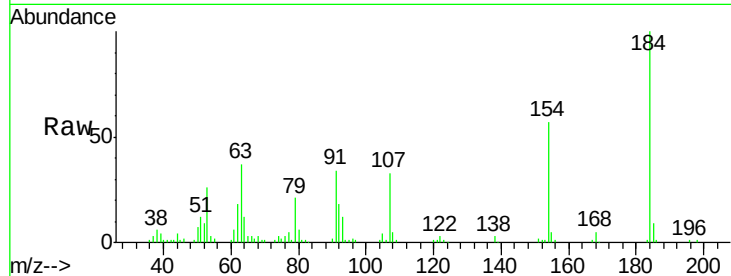




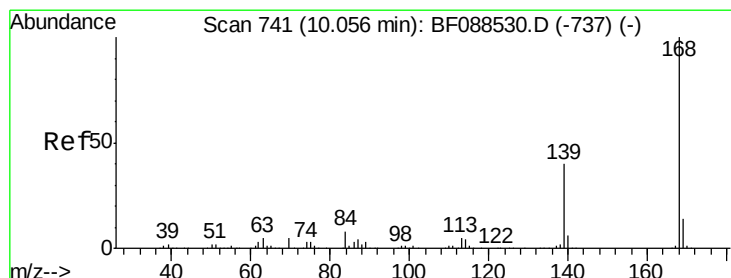
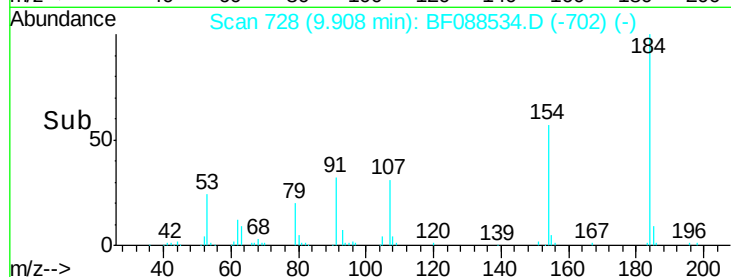
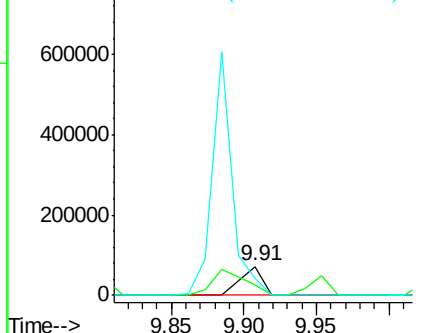
#53
2,4-Dinitrophenol
Concen: 45.17 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion:184 Resp: 76035
Ion Ratio Lower Upper
184 100
63 36.9 57.6 86.4#
154 56.6 53.5 80.3

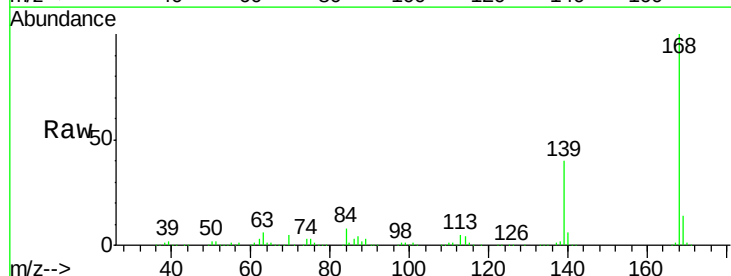


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

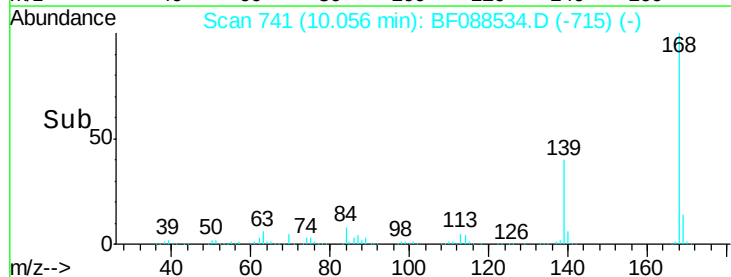
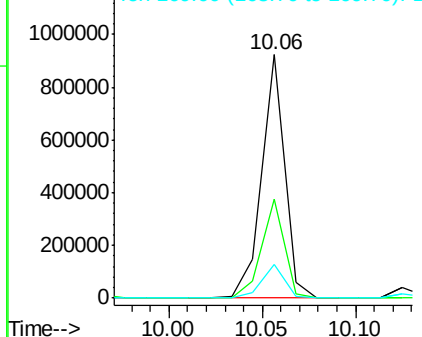


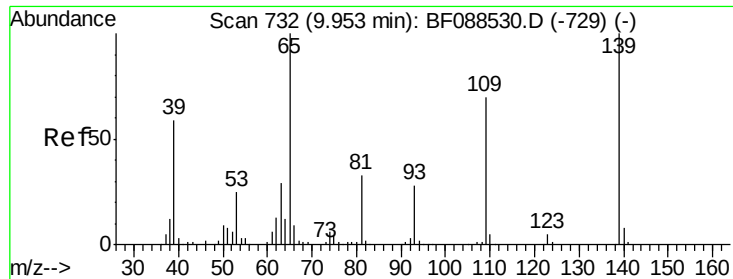
#54
Dibenzofuran
Concen: 38.93 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion:168 Resp: 780048
Ion Ratio Lower Upper
168 100
139 40.4 26.4 39.6#
169 13.8 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

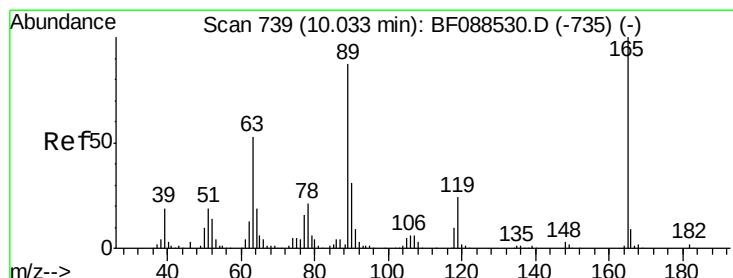
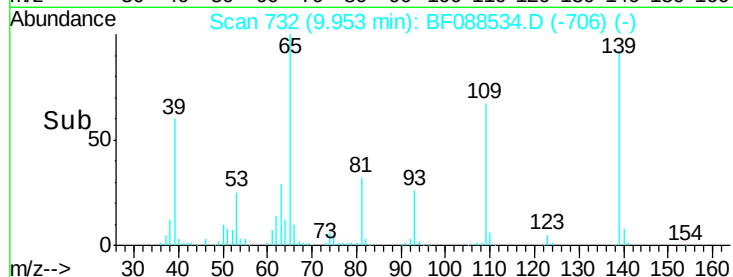
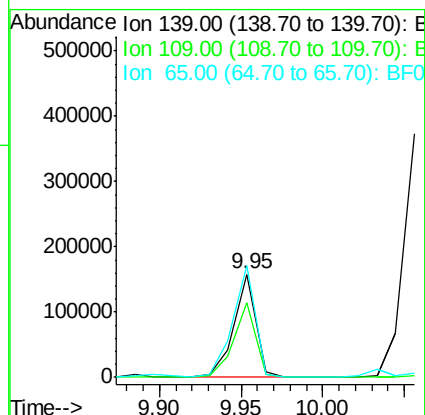
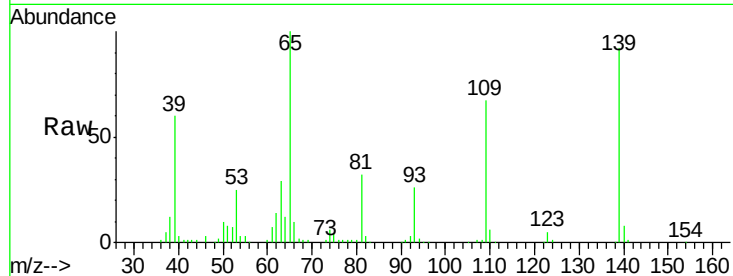




#55
4-Nitrophenol
Concen: 39.98 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

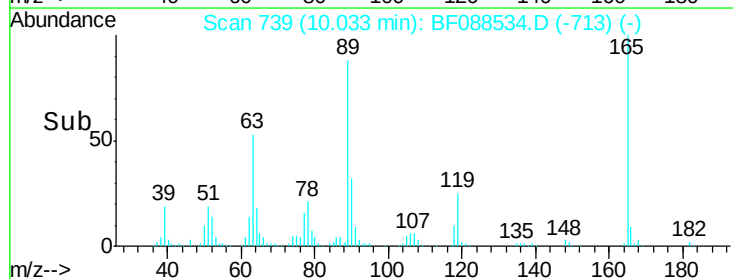
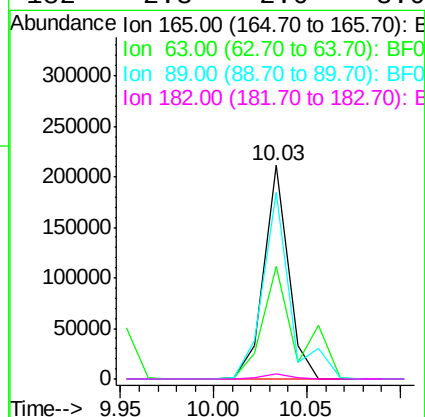
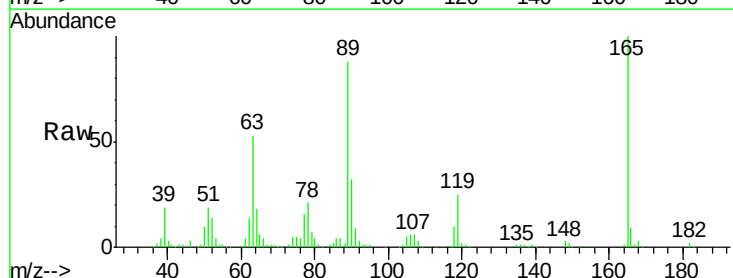
Instrument :
BNA_F
ClientSampleId :
ICVBF063016

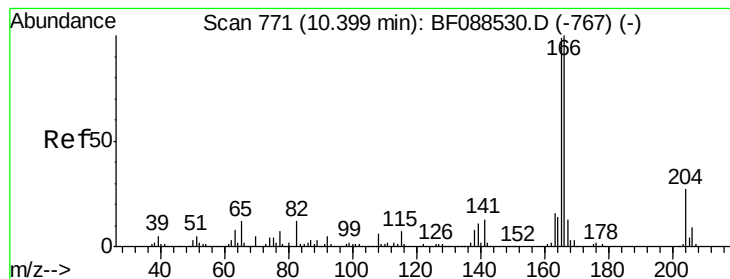
Tgt Ion:139 Resp: 147237
Ion Ratio Lower Upper
139 100
109 72.3 48.9 88.9
65 108.4 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 38.30 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion:165 Resp: 190922
Ion Ratio Lower Upper
165 100
63 53.0 22.0 33.0#
89 87.8 41.1 61.7#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 41.50 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

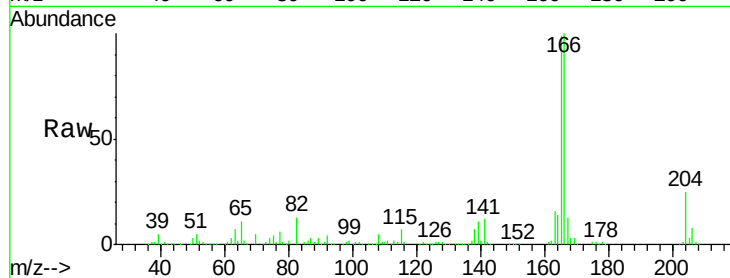
Tgt Ion:166 Resp: 640781

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

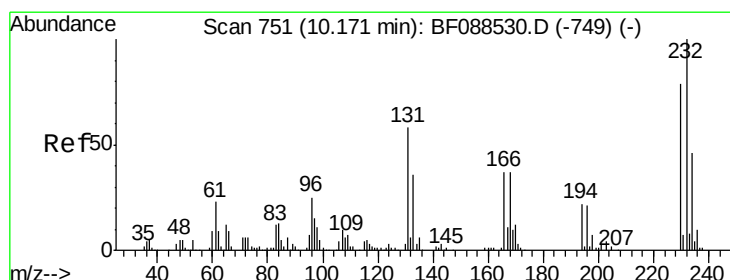
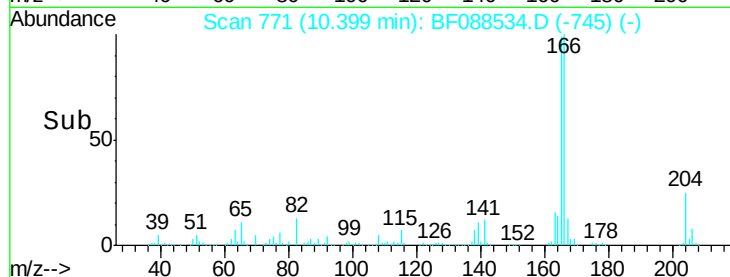
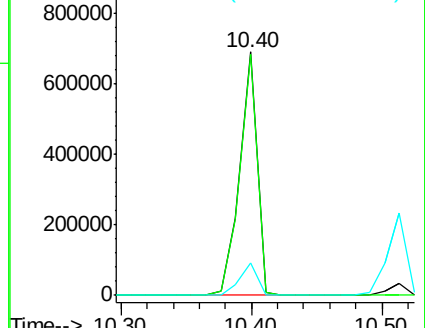
167 13.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.99 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Tgt Ion:232 Resp: 144470

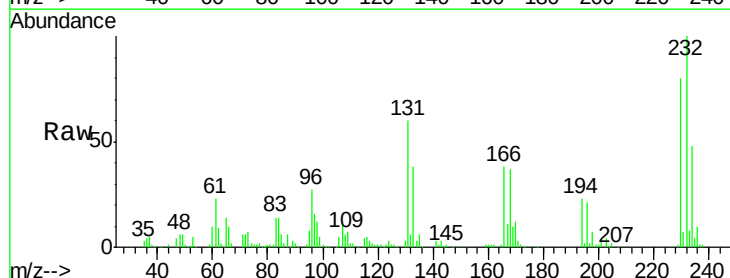
Ion Ratio Lower Upper

232 100

131 58.9 0.9 1.3#

130 2.7 1.5 2.3#

166 36.9 0.5 0.7#

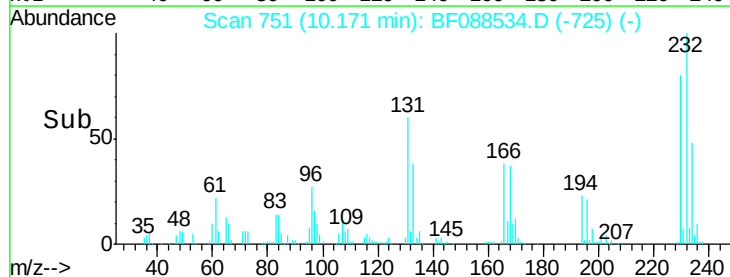
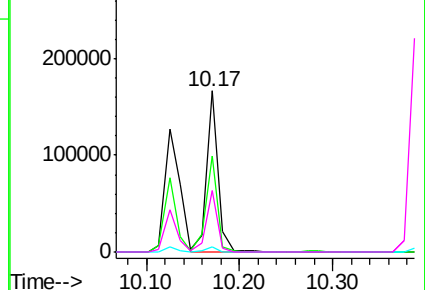


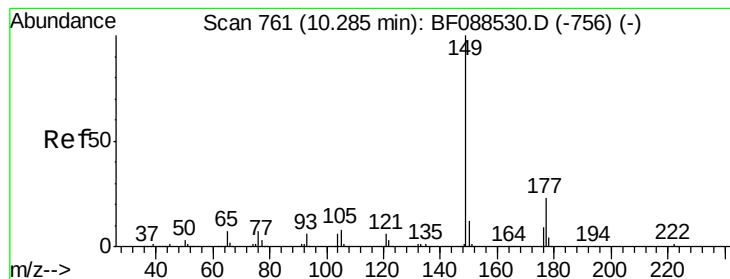
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.68 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

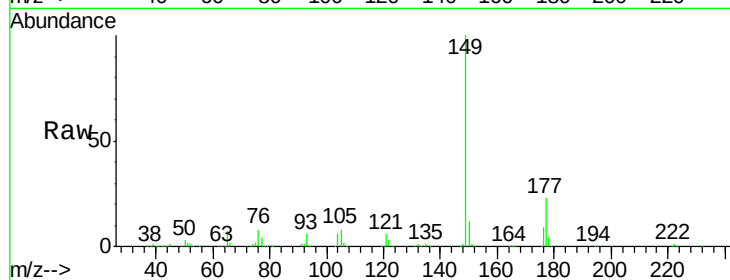
Tgt Ion:149 Resp: 719611

Ion Ratio Lower Upper

149 100

177 23.2 16.9 25.3

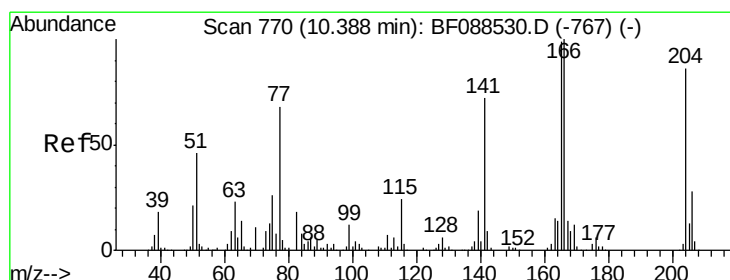
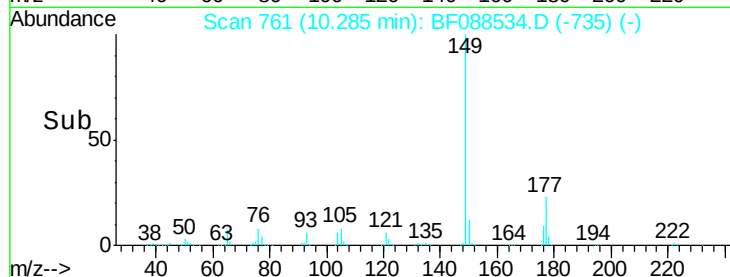
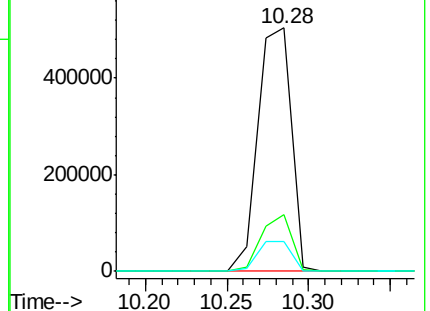
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.09 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

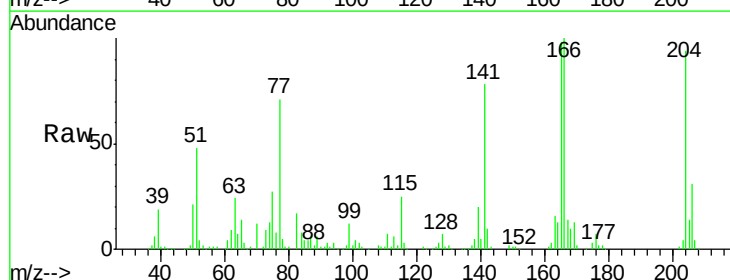
Tgt Ion:204 Resp: 266109

Ion Ratio Lower Upper

204 100

206 32.7 26.3 39.5

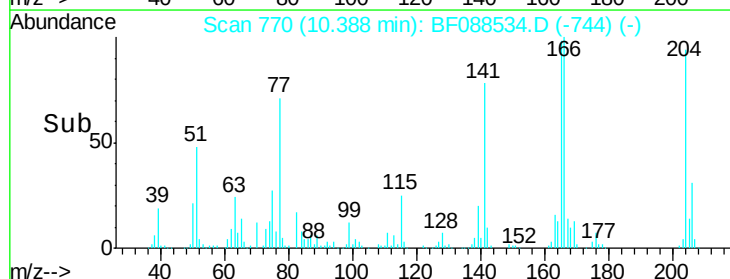
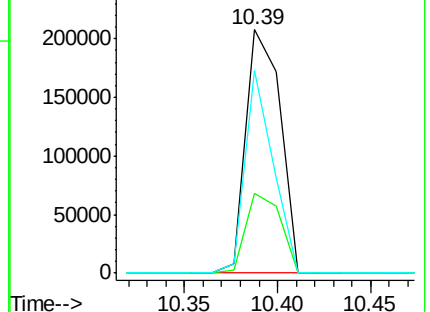
141 83.1 55.0 82.6#

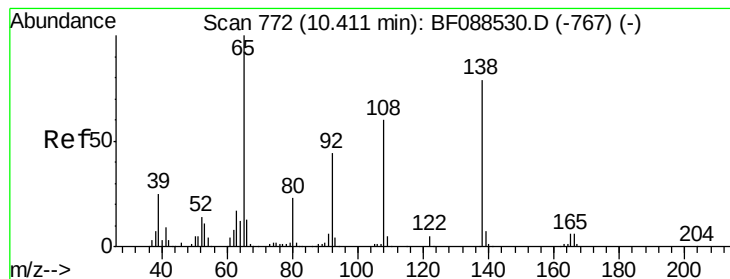


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.90 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

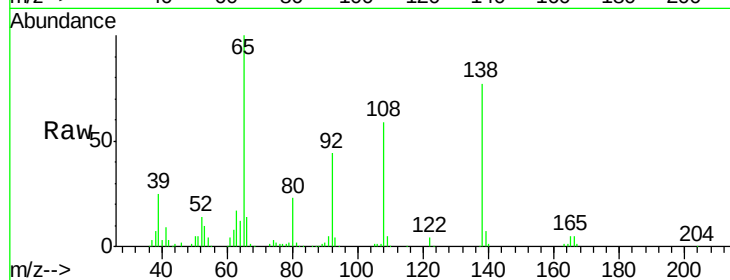
Tgt Ion:138 Resp: 176779

Ion Ratio Lower Upper

138 100

92 57.7 27.3 67.3

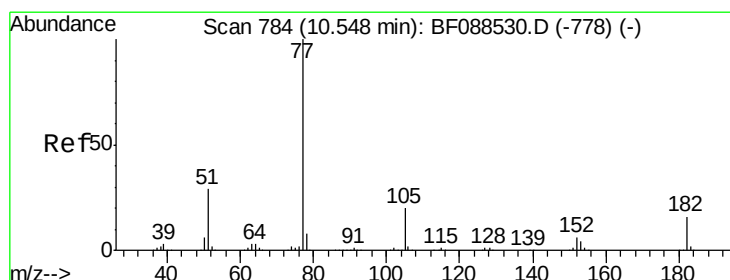
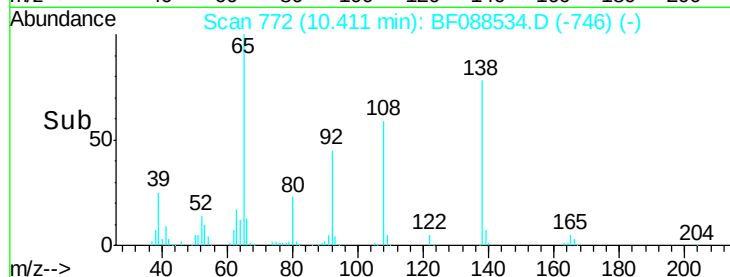
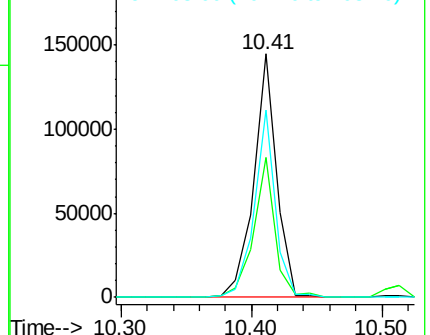
108 77.0 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.43 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Tgt Ion: 77 Resp: 756740

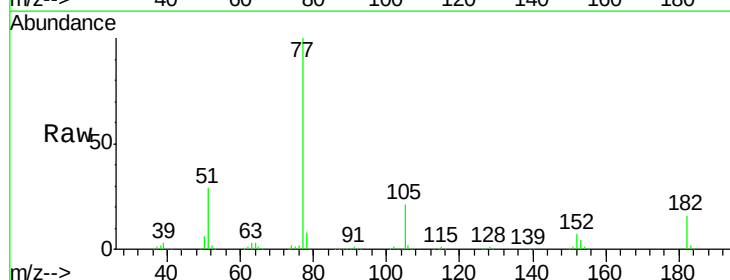
Ion Ratio Lower Upper

77 100

182 16.0 4.4 44.4

105 20.9 3.8 43.8

51 29.4 9.3 49.3

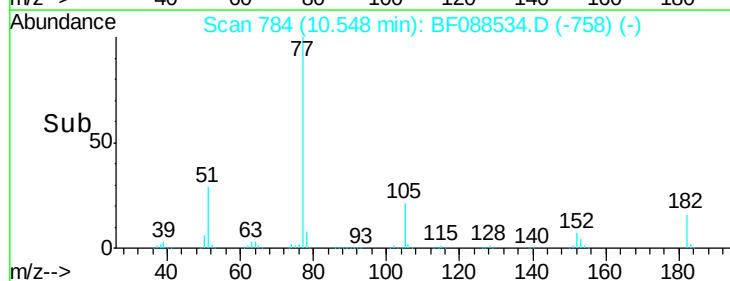
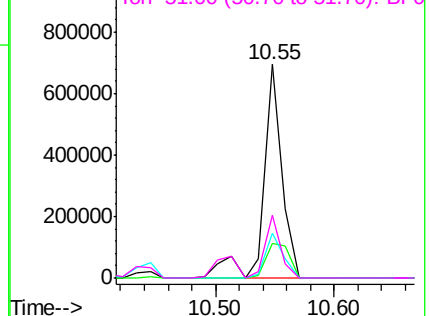


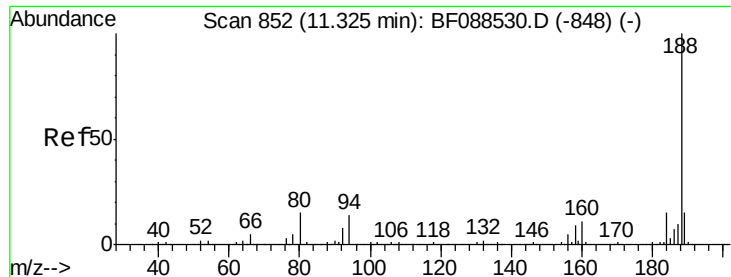
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

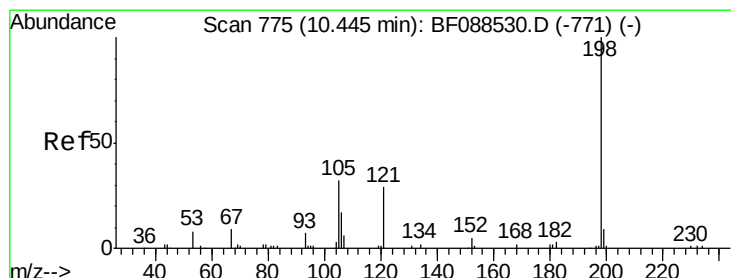
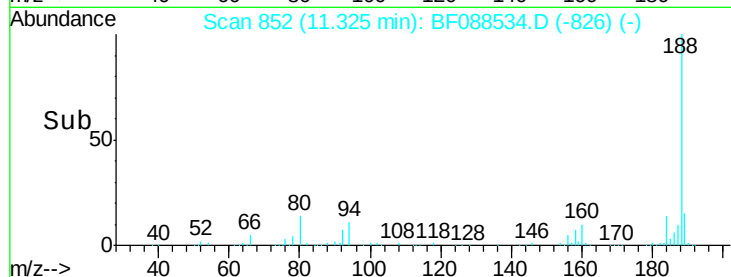
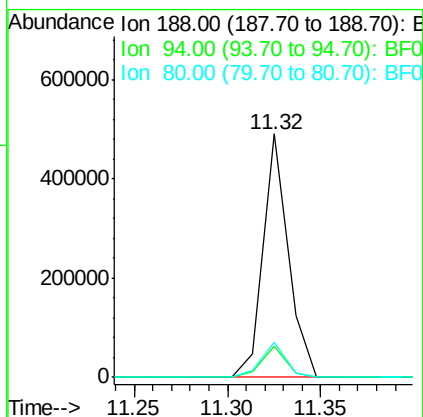
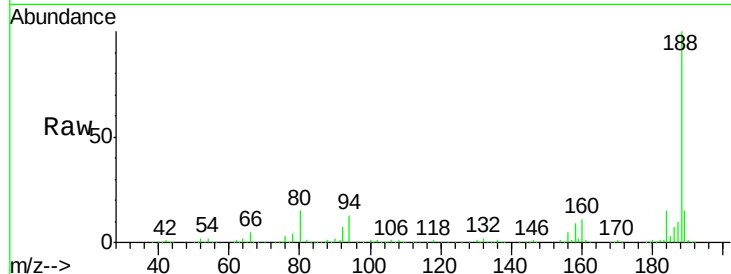




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

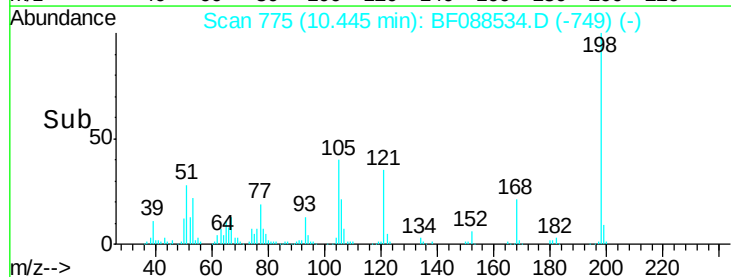
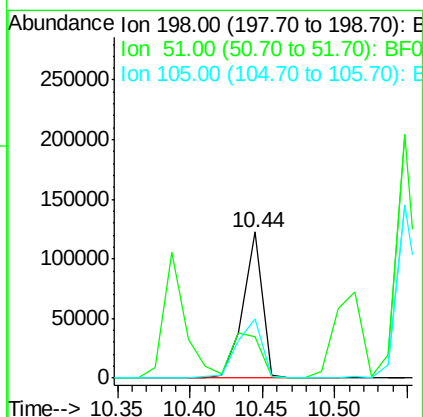
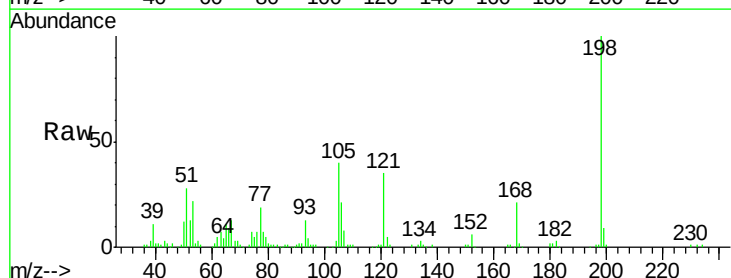
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

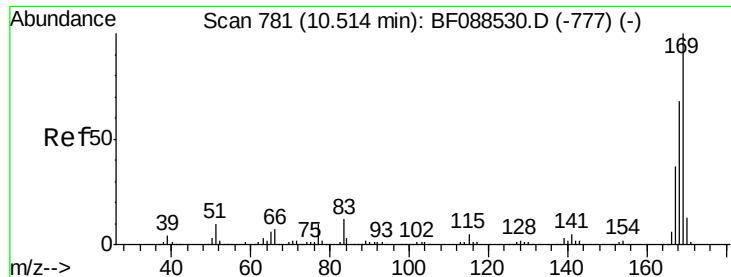
Tgt Ion:188 Resp: 456122
 Ion Ratio Lower Upper
 188 100
 94 12.7 9.0 13.6
 80 14.6 10.0 15.0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.65 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion:198 Resp: 113810
 Ion Ratio Lower Upper
 198 100
 51 28.3 39.6 79.6#
 105 40.5 36.6 76.6

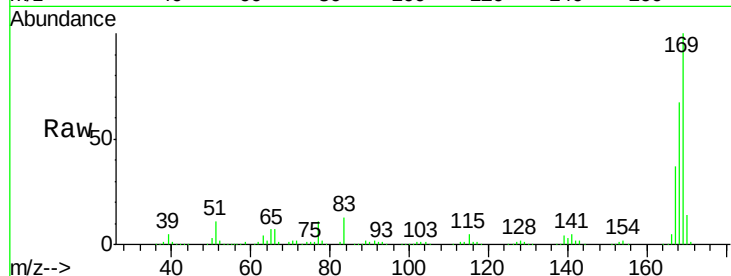




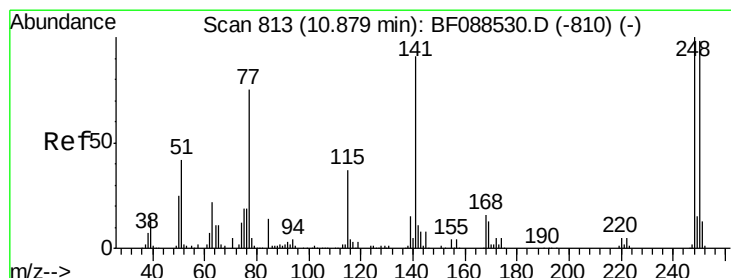
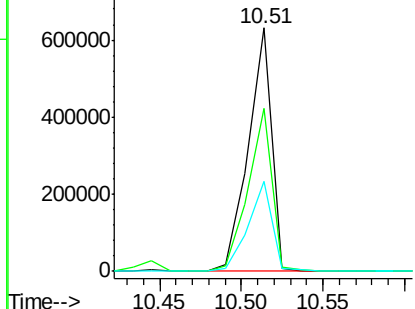
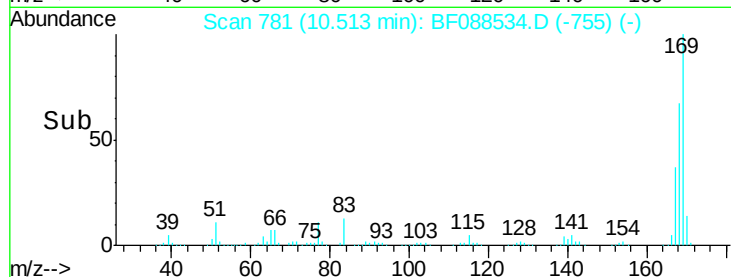
#65
n-Nitrosodiphenylamine
Concen: 40.57 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion:169 Resp: 626309
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 36.9 29.4 44.0

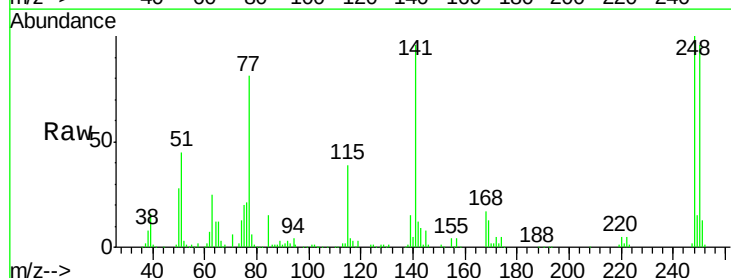


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

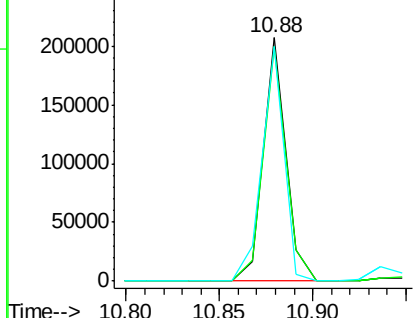
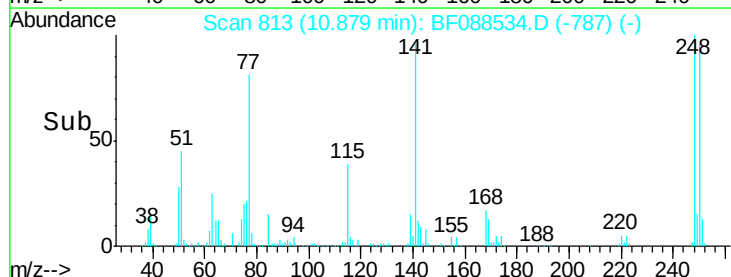


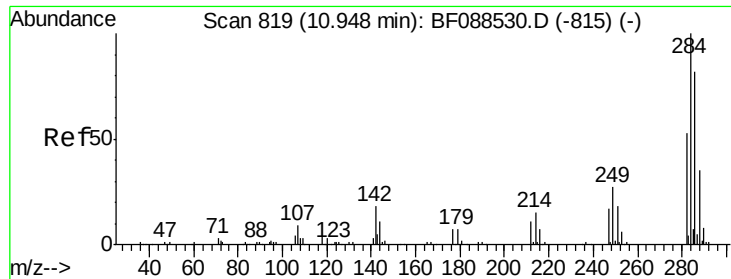
#66
4-Bromophenyl-phenylether
Concen: 37.41 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion:248 Resp: 171955
Ion Ratio Lower Upper
248 100
250 96.2 77.1 115.7
141 96.4 50.6 76.0#



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

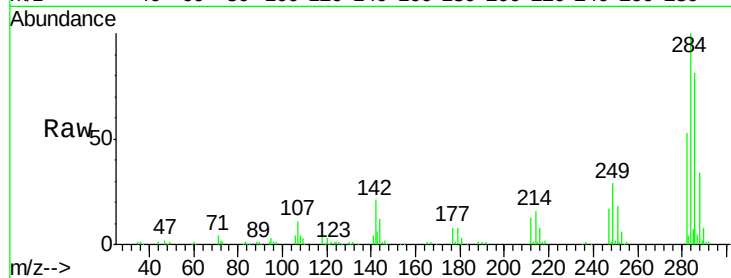




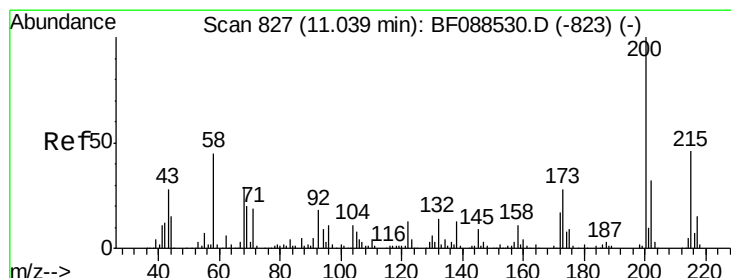
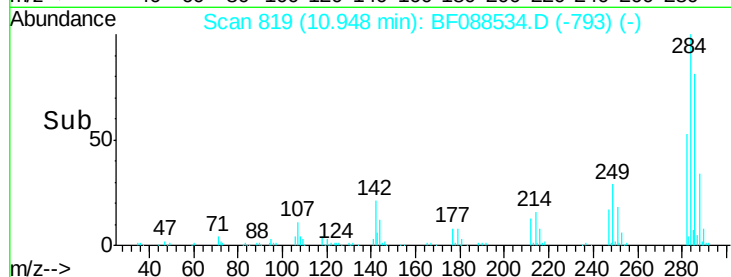
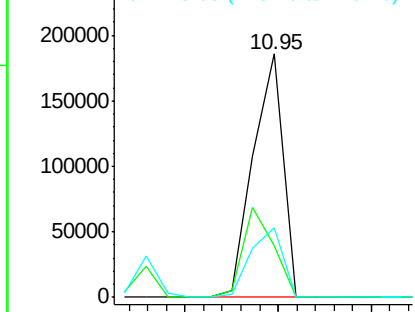
#67
Hexachlorobenzene
Concen: 40.39 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion: 284 Resp: 205494
Ion Ratio Lower Upper
284 100
142 21.1 35.8 53.8#
249 28.6 25.8 38.6

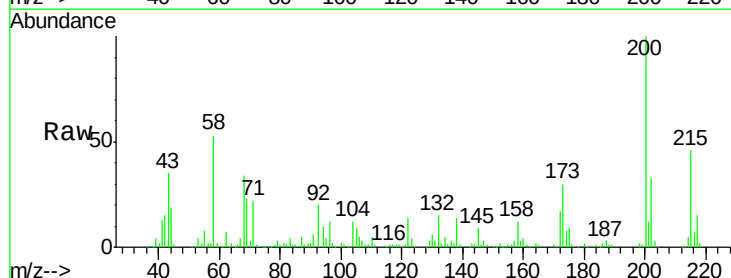


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

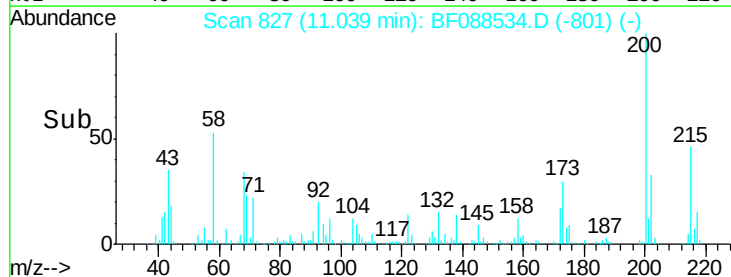
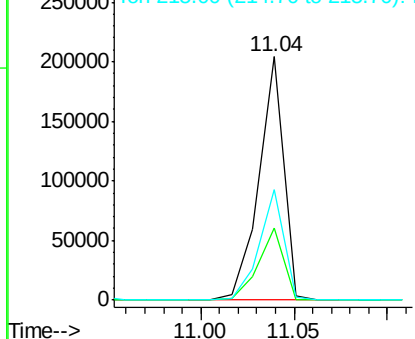


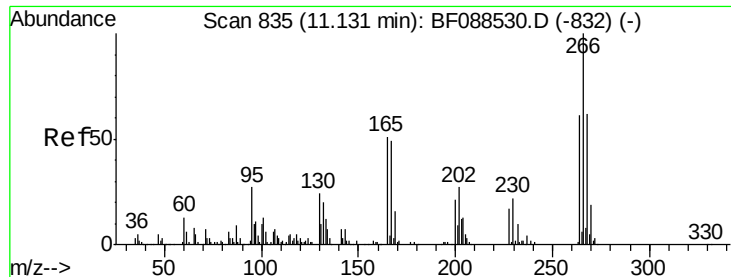
#68
Atrazine
Concen: 38.80 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion: 200 Resp: 186640
Ion Ratio Lower Upper
200 100
173 29.5 4.0 44.0
215 45.6 29.3 69.3



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

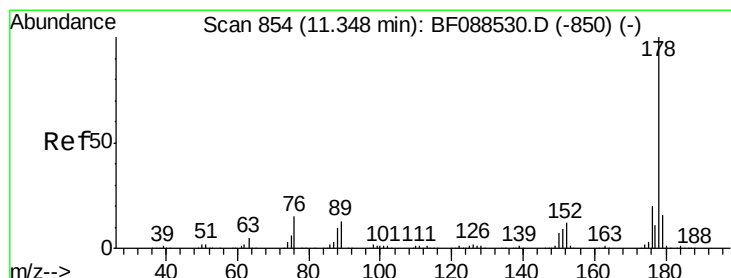
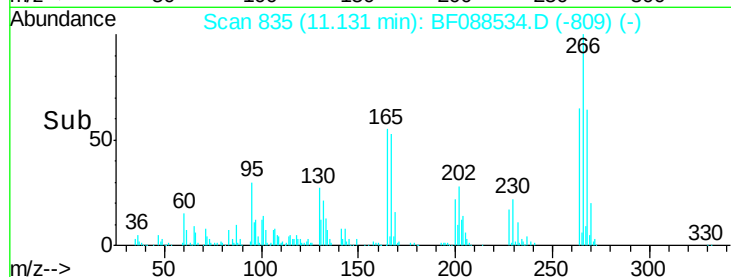
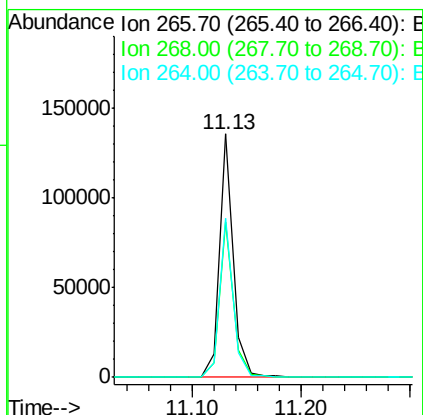
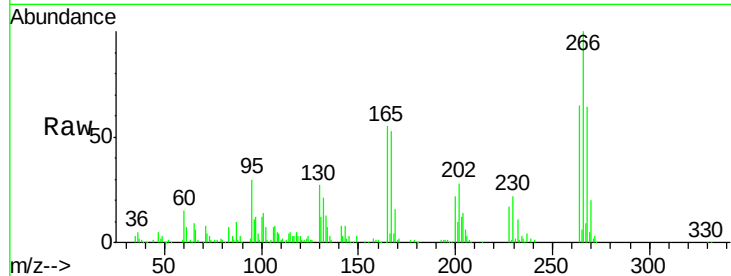




#69
 Pentachlorophenol
 Concen: 40.32 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

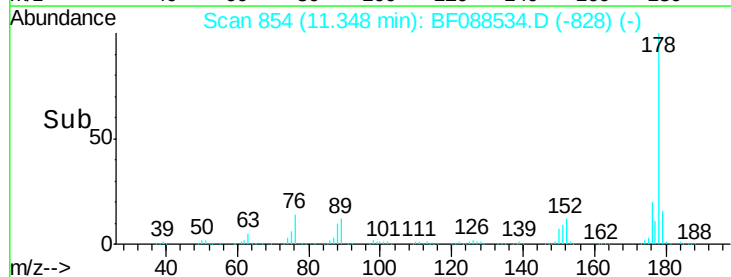
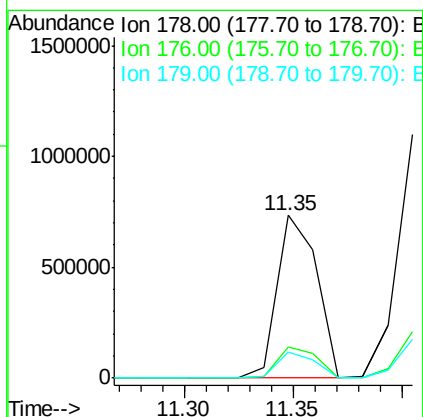
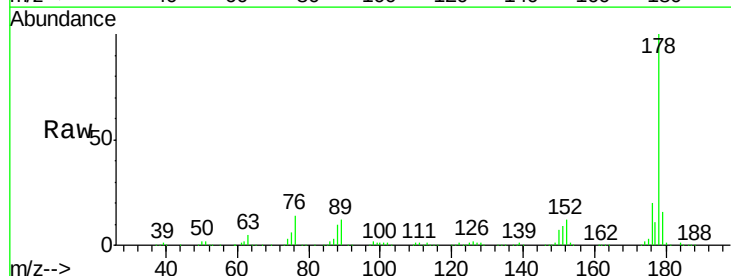
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

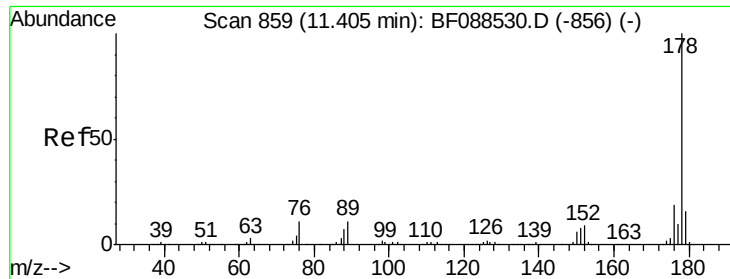
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.8	79.2
264	65.4	49.6	74.4



#70
 Phenanthrene
 Concen: 37.43 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.6
179	15.8	13.0	19.4

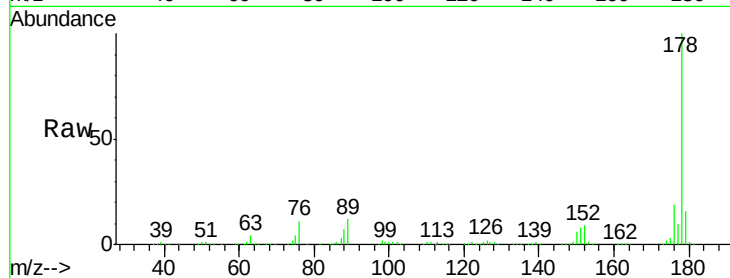




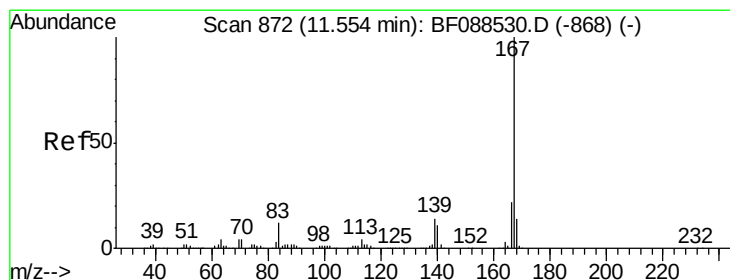
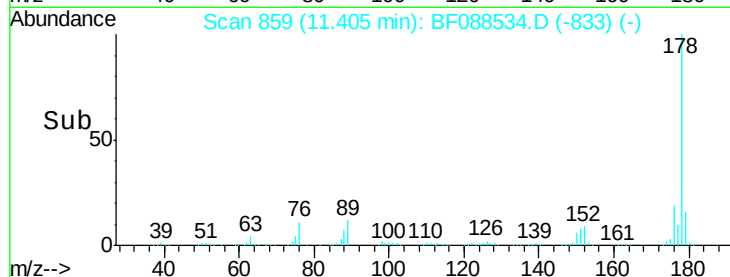
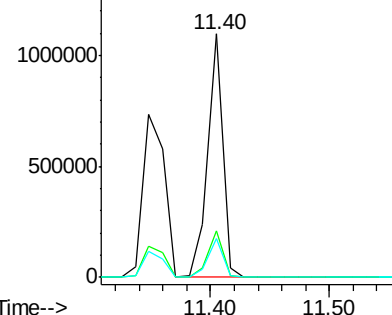
#71
 Anthracene
 Concen: 38.41 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion:178 Resp: 952370
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.9 12.8 19.2

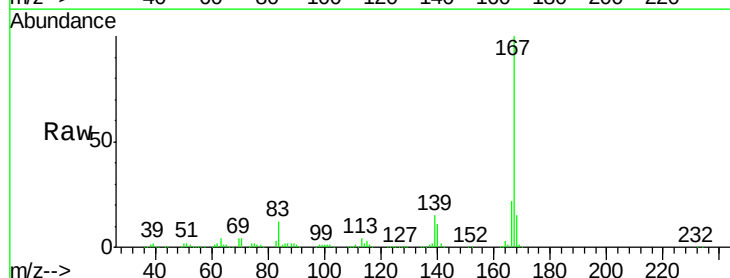


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

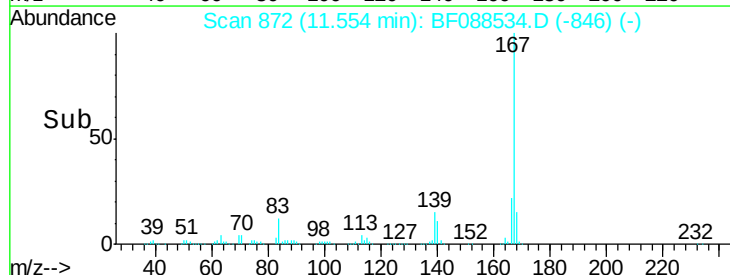
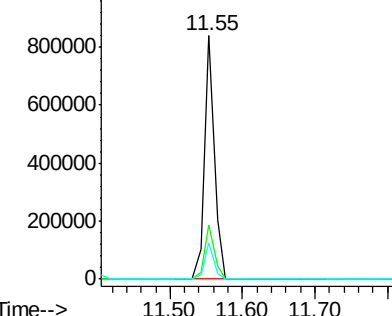


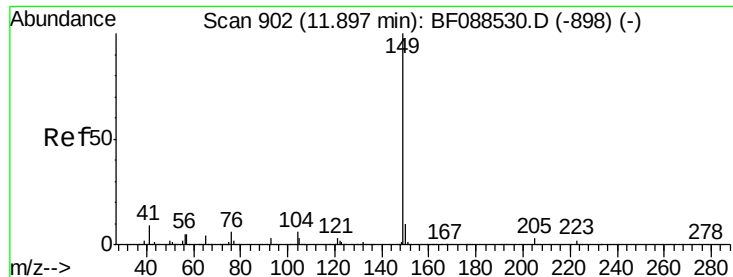
#72
 Carbazole
 Concen: 34.08 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion:167 Resp: 795230
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 14.8 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.82 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

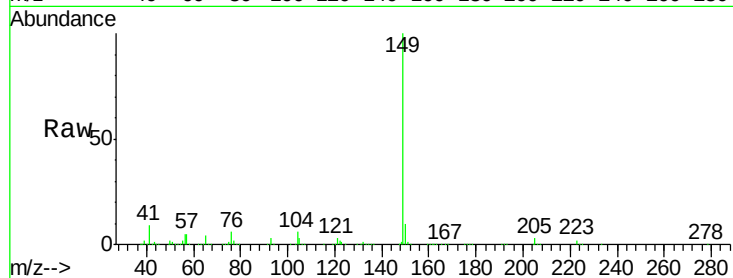
Tgt Ion:149 Resp: 999302

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

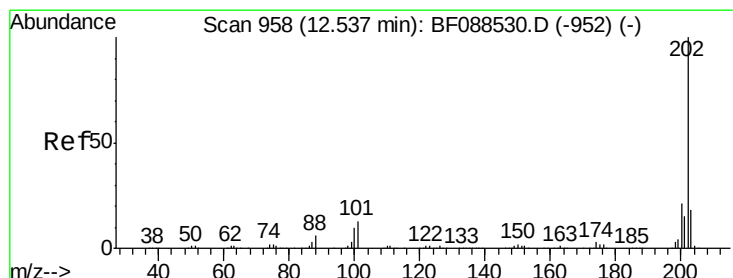
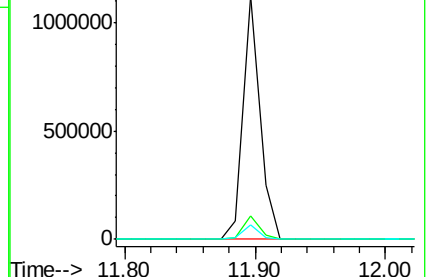
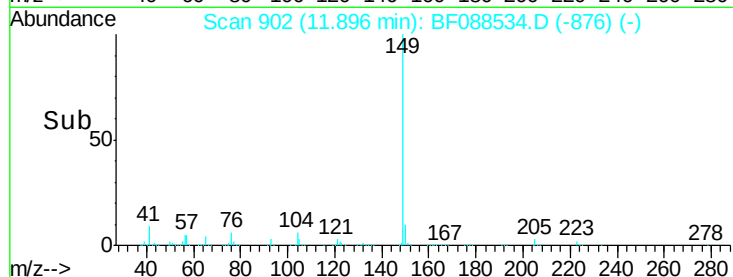
104 5.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.08 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

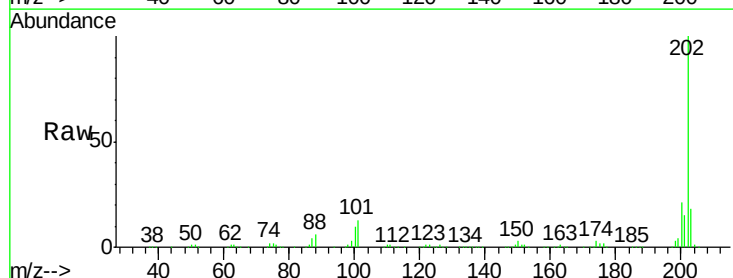
Tgt Ion:202 Resp: 1013149

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.1

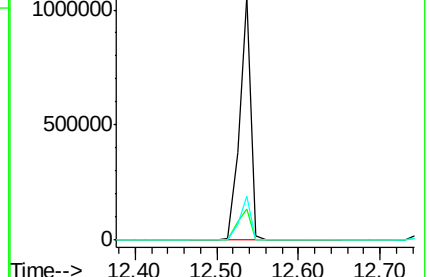
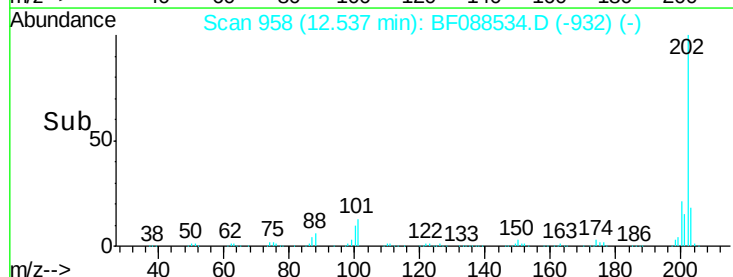
203 17.9 0.0 38.1

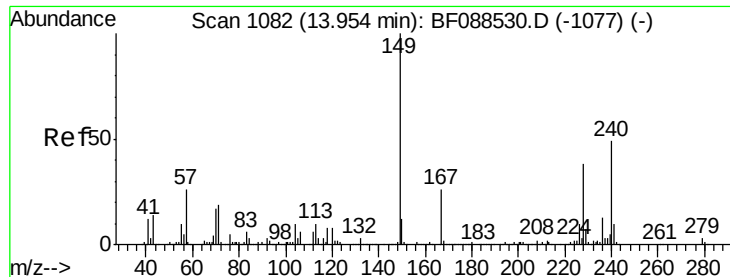


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

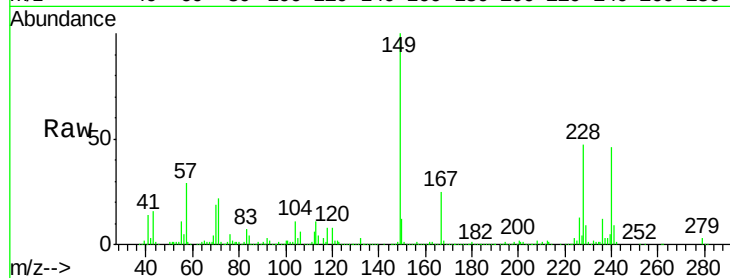
Tgt Ion:240 Resp: 288509

Ion Ratio Lower Upper

240 100

120 17.4 6.8 10.2#

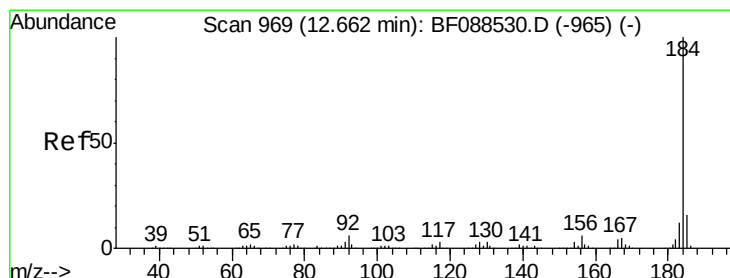
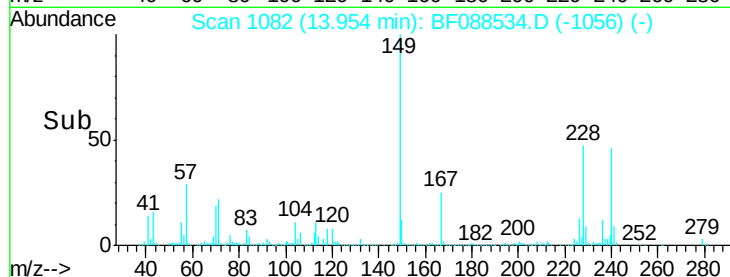
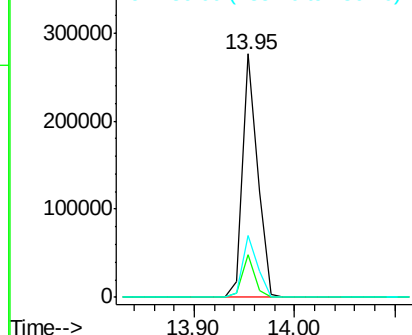
236 25.6 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.55 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

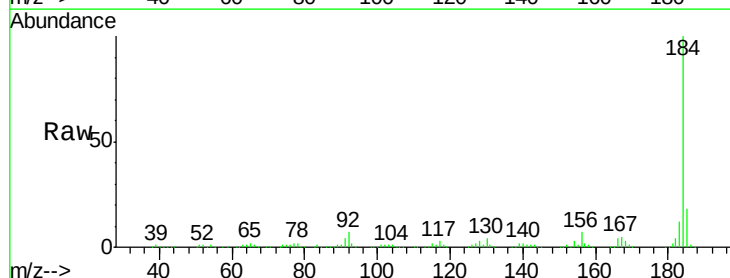
Tgt Ion:184 Resp: 635051

Ion Ratio Lower Upper

184 100

185 17.7 12.5 18.7

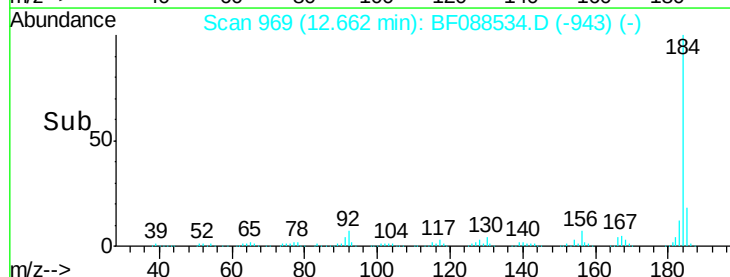
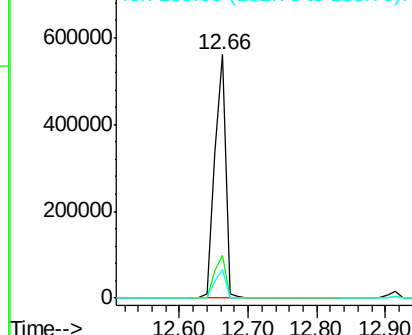
183 11.8 9.3 13.9

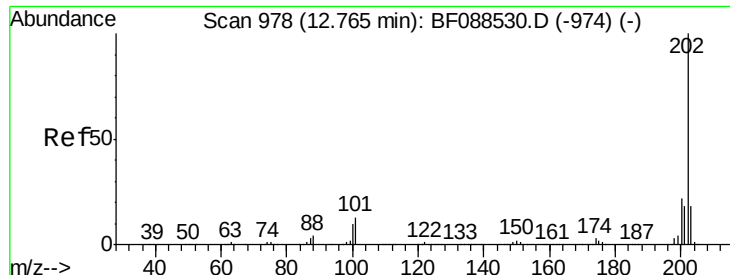


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



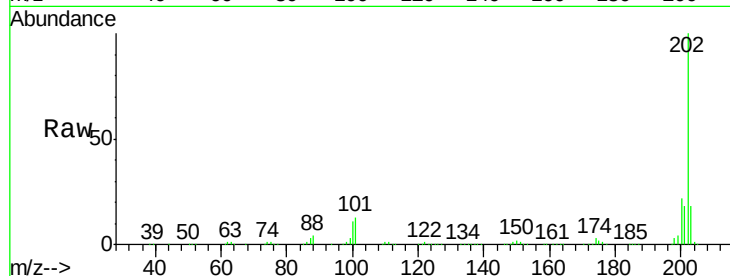


#77
Pyrene
 Concen: 43.60 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

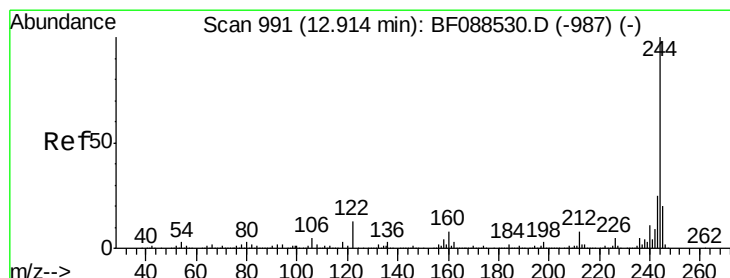
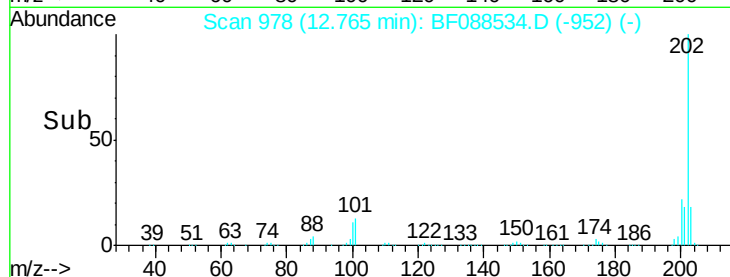
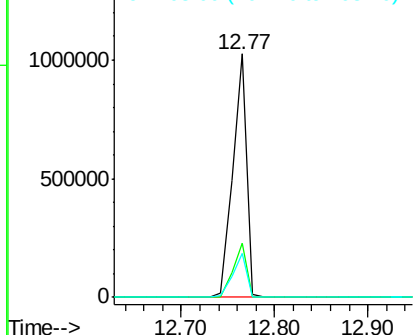
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion: 202 Resp: 1066527

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.9	14.5	21.7



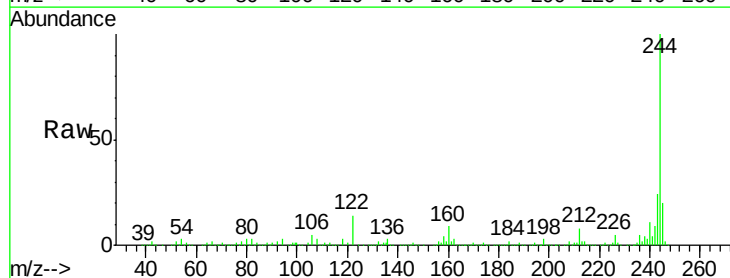
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



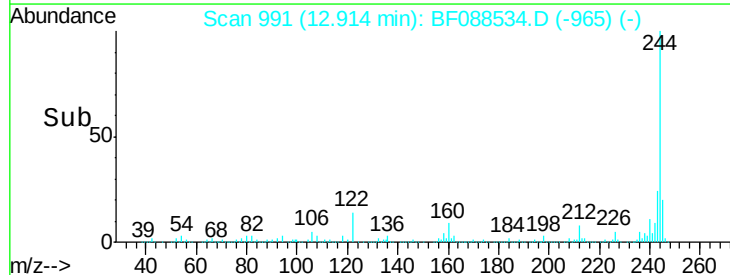
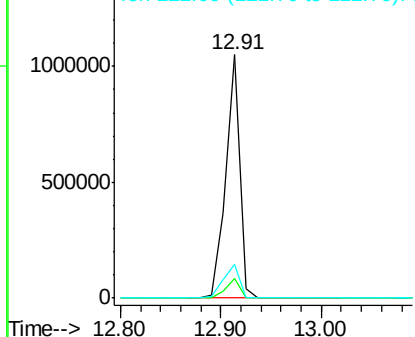
#78
Terphenyl-d14
 Concen: 78.23 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

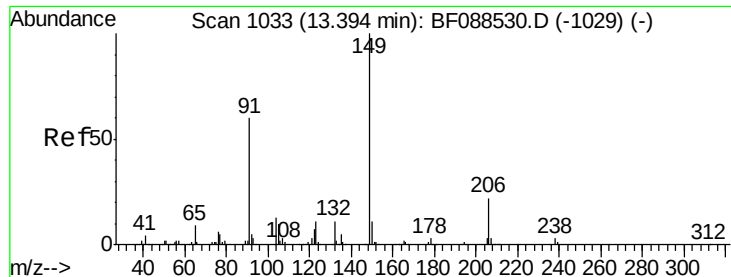
Tgt Ion: 244 Resp: 1013258

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	13.8	11.2	16.8



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

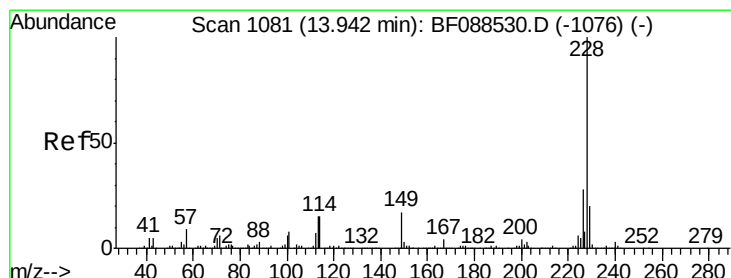
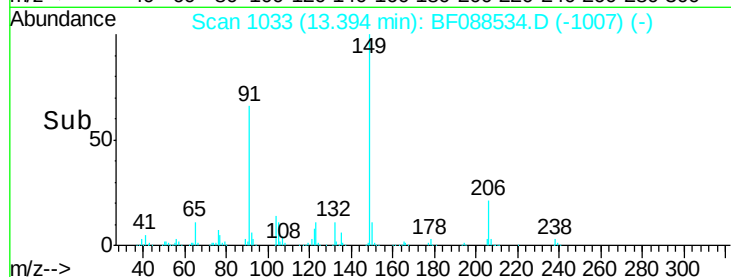
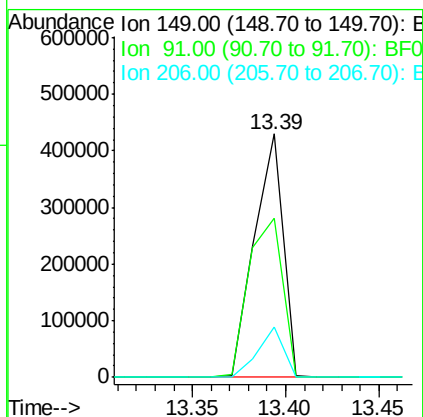
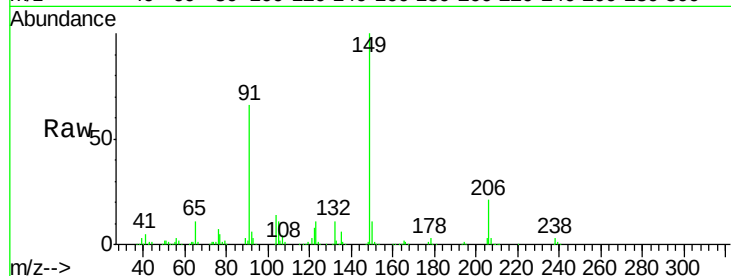




#79
Butylbenzylphthalate
Concen: 42.05 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

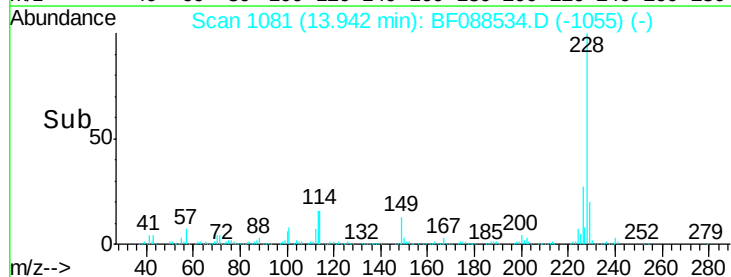
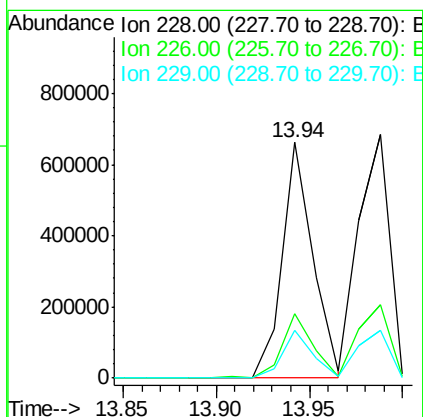
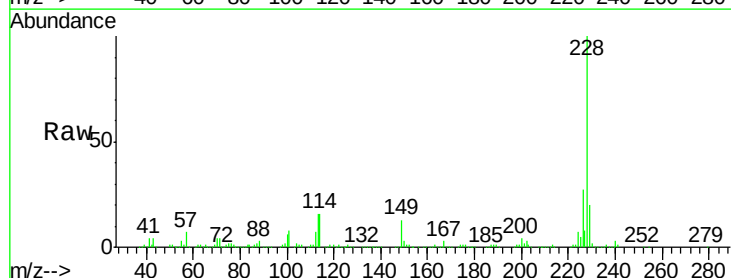
Instrument :
BNA_F
ClientSampleId :
ICVBF063016

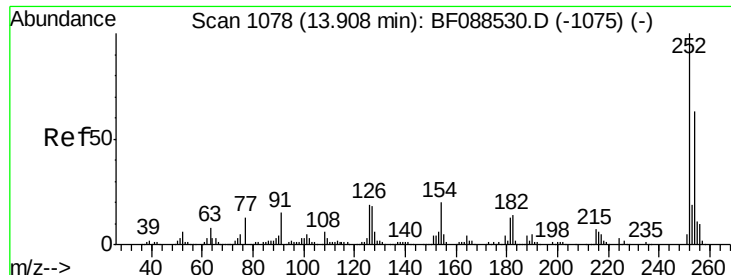
Tgt Ion:149 Resp: 458800
Ion Ratio Lower Upper
149 100
91 65.6 48.0 72.0
206 20.9 16.0 24.0



#80
Benzo(a)anthracene
Concen: 40.74 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion:228 Resp: 756788
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 20.1 16.0 24.0

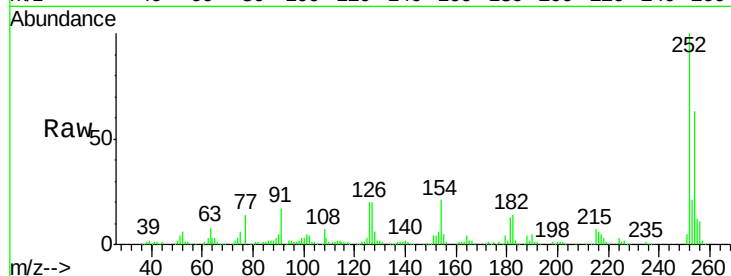




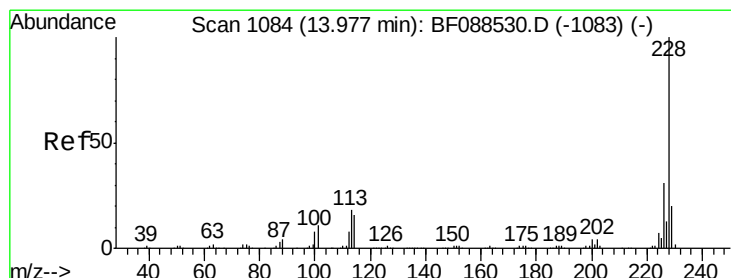
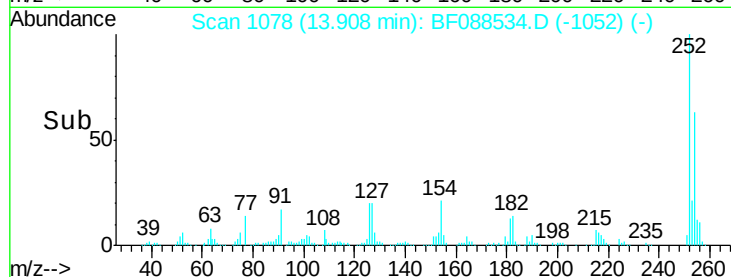
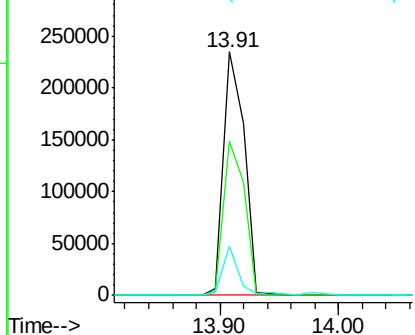
#81
 3,3'-Dichlorobenzidine
 Concen: 40.64 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

Tgt Ion: 252 Resp: 283828
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.6 78.8
 126 20.4 6.2 9.2#

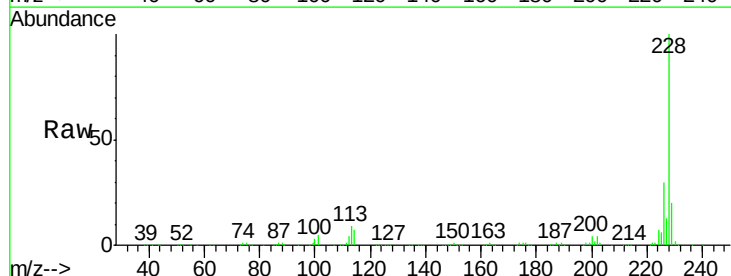


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

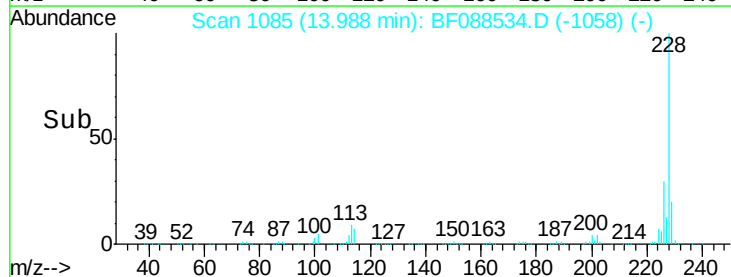
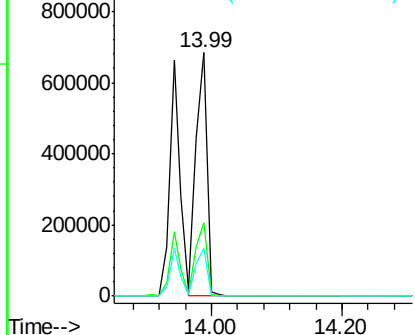


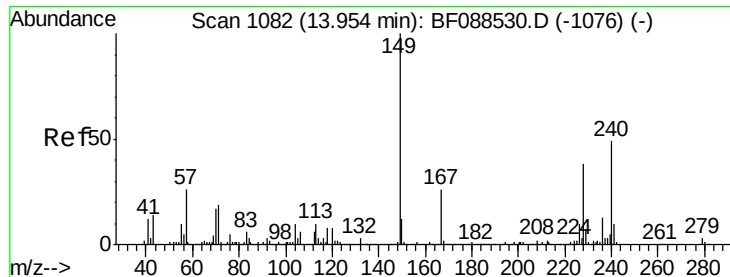
#82
 Chrysene
 Concen: 43.20 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion: 228 Resp: 794032
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.4 38.2
 229 19.7 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.58 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

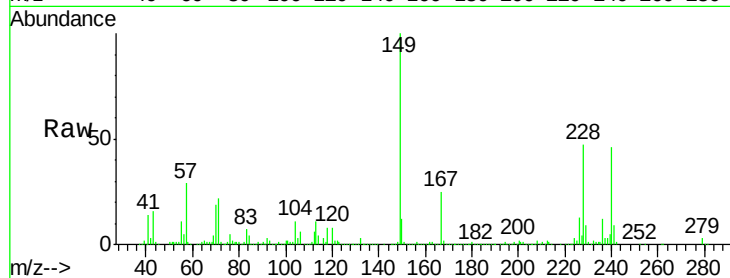
Tgt Ion:149 Resp: 530409

Ion Ratio Lower Upper

149 100

167 25.1 20.5 30.7

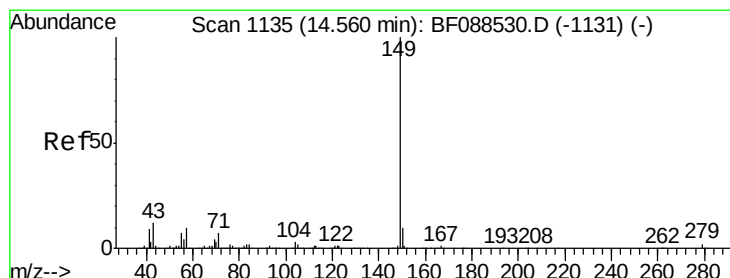
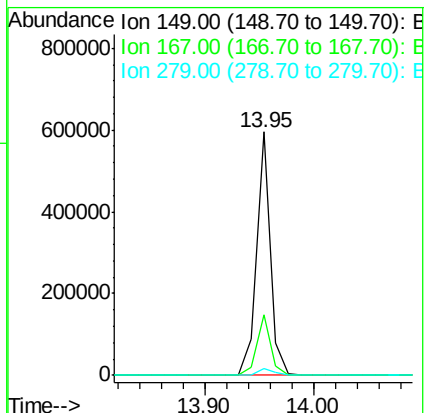
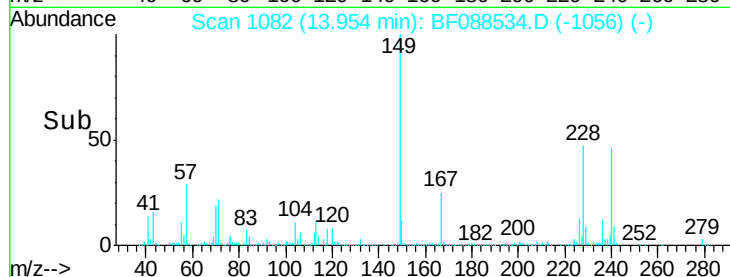
279 2.6 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.16 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

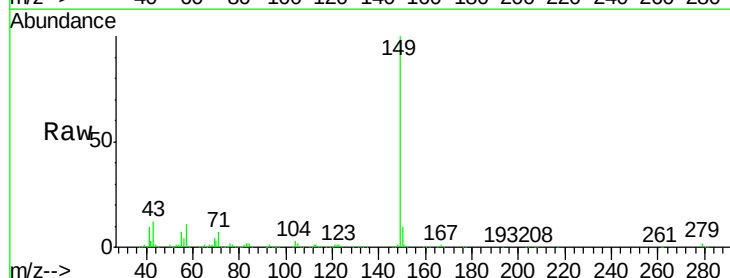
Tgt Ion:149 Resp: 934559

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

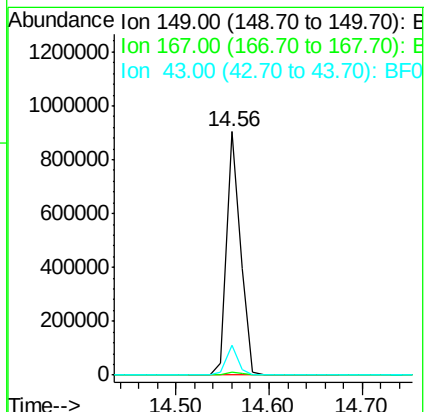
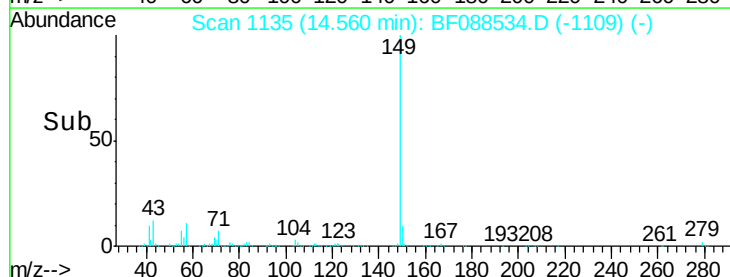
43 10.5 0.0 0.0#

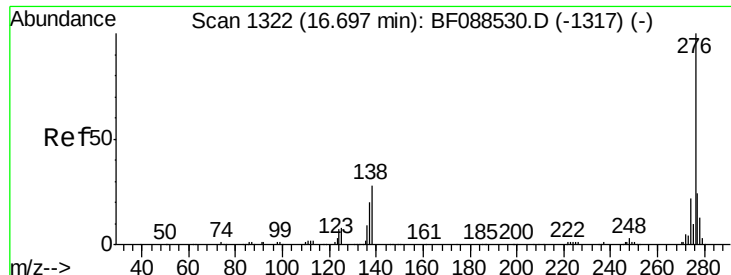


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

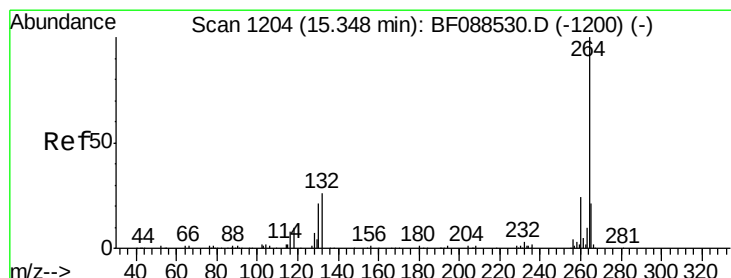
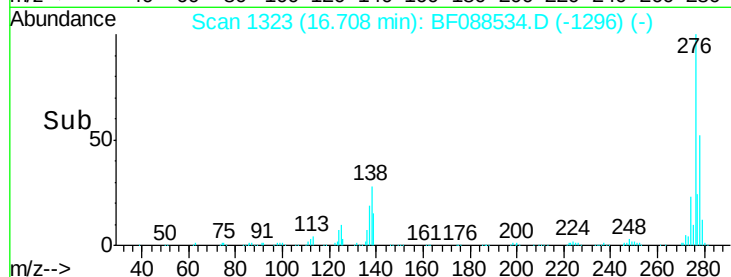
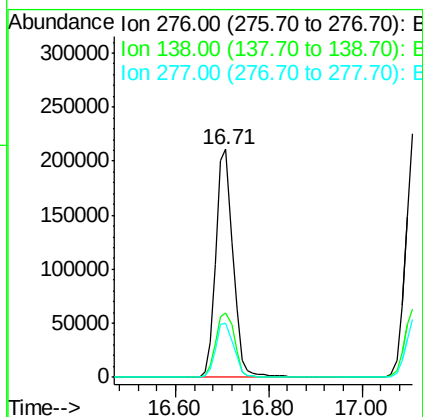
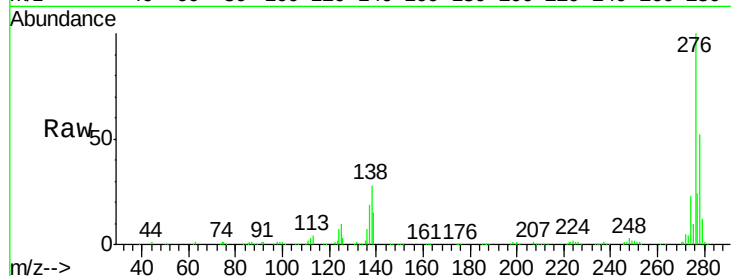




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.03 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

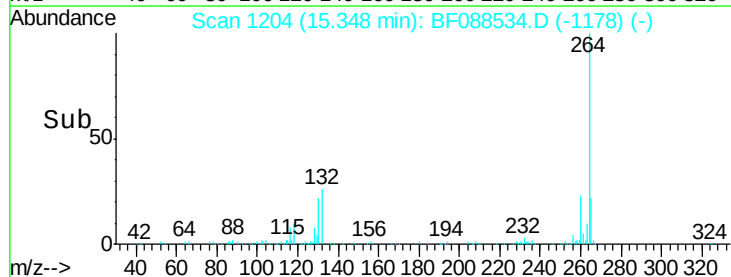
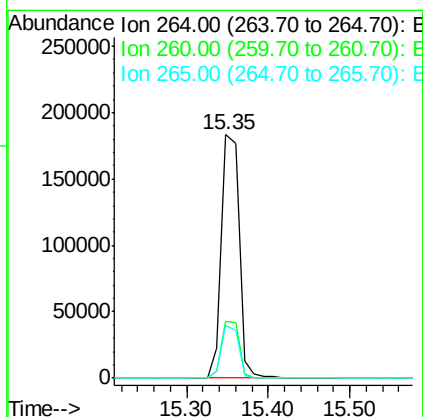
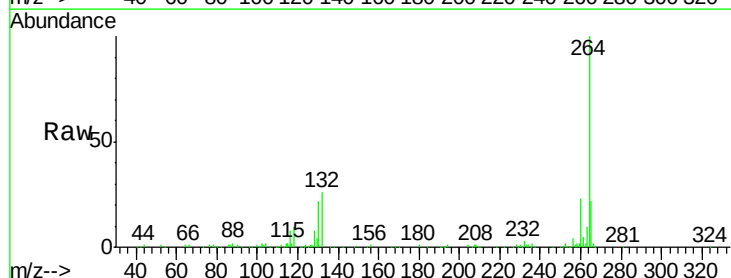
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF063016

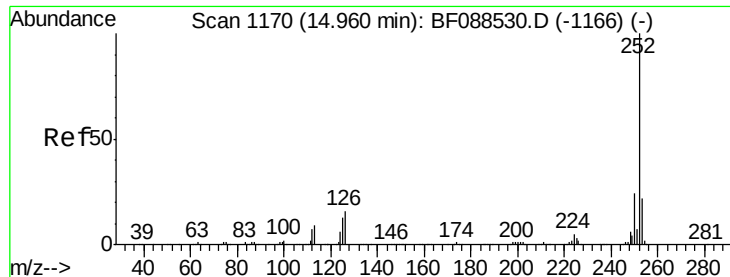
Tgt Ion: 276 Resp: 537720
 Ion Ratio Lower Upper
 276 100
 138 31.4 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088534.D
 Acq: 30 Jun 2016 17:35

Tgt Ion: 264 Resp: 276640
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.6 16.9 25.3

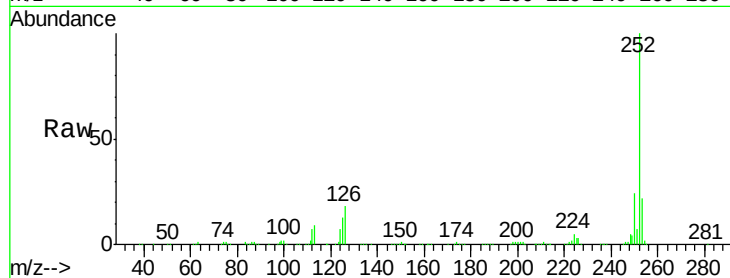




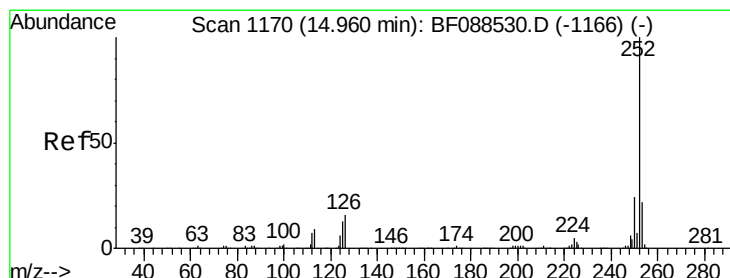
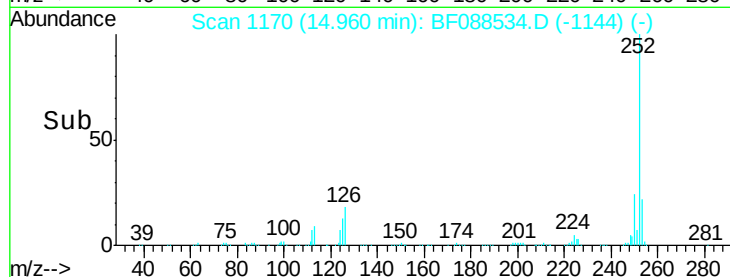
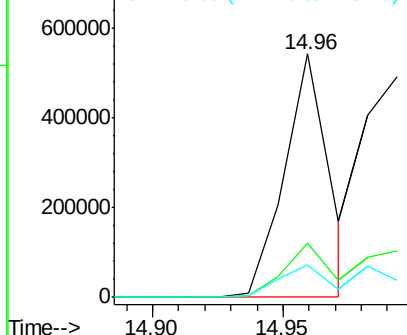
#87
Benzo(b)fluoranthene
Concen: 36.69 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Instrument :
BNA_F
ClientSampleId :
ICVBF063016

Tgt Ion:252 Resp: 636767
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 13.5 7.1 10.7#

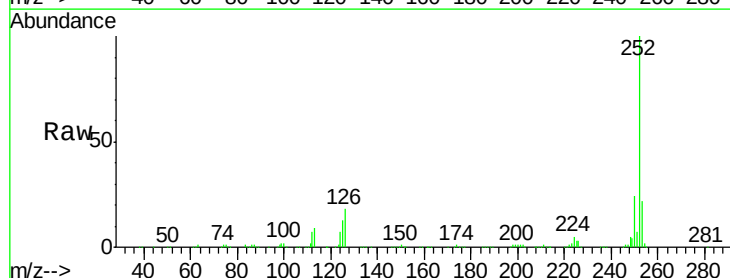


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

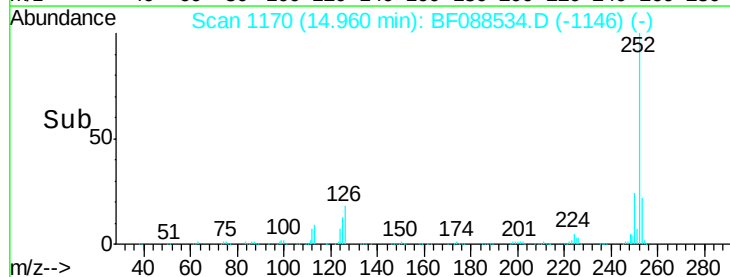
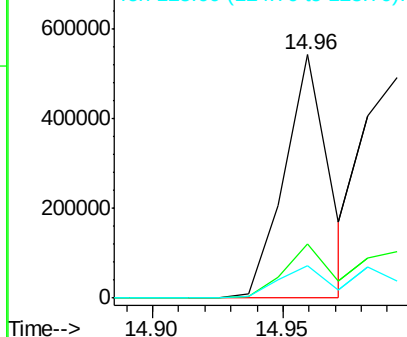


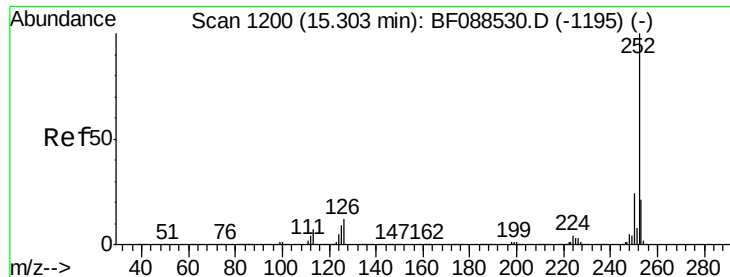
#88
Benzo(k)fluoranthene
Concen: 42.15 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion:252 Resp: 636767
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 13.5 11.2 16.8



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

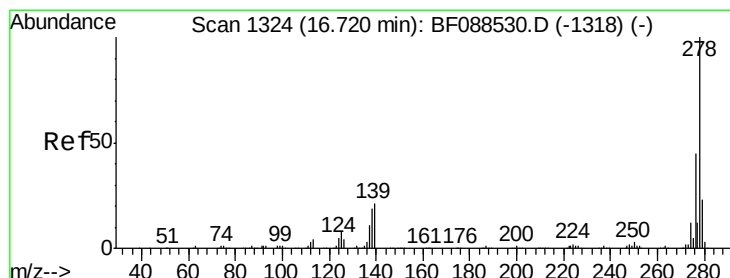
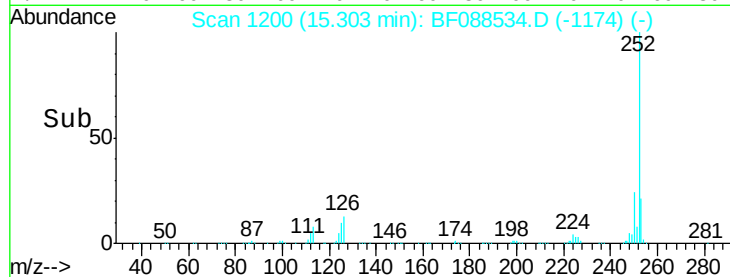
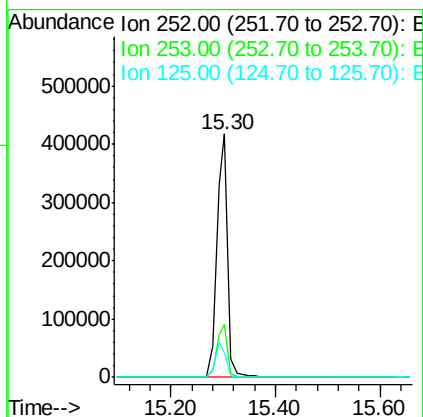
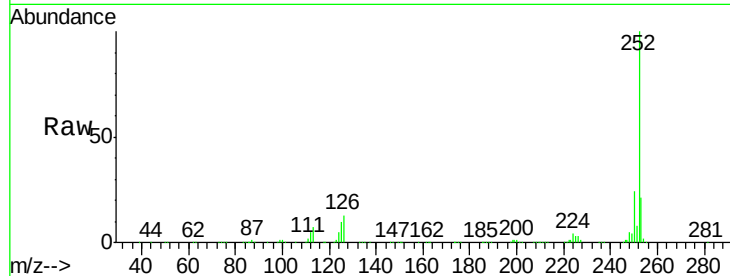




#89
Benzo(a)pyrene
Concen: 40.22 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

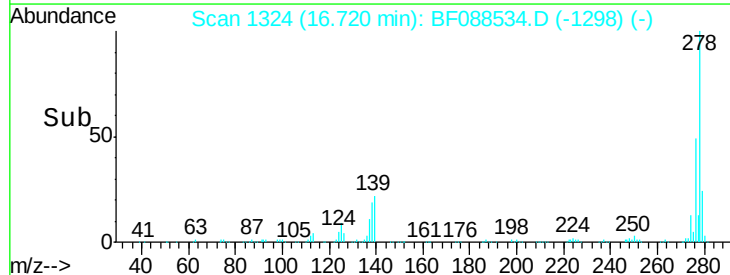
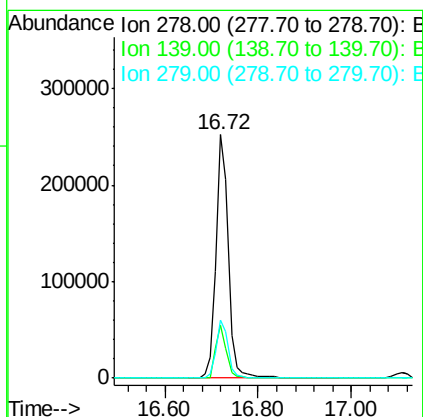
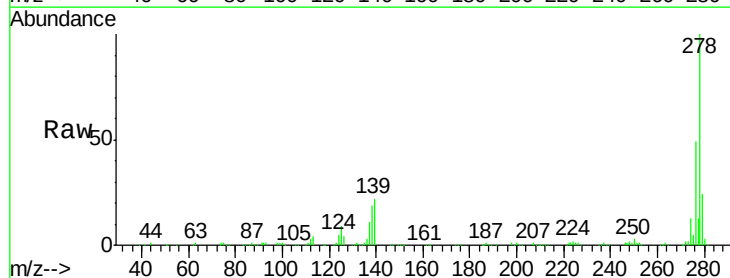
Instrument :
BNA_F
ClientSampleId :
ICVBF063016

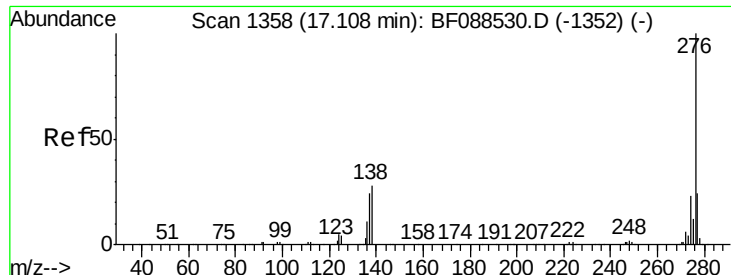
Tgt Ion:252 Resp: 590948
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 10.3 12.5 18.7#



#90
Dibenzo(a,h)anthracene
Concen: 37.93 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF088534.D
Acq: 30 Jun 2016 17:35

Tgt Ion:278 Resp: 465336
Ion Ratio Lower Upper
278 100
139 21.7 15.7 23.5
279 24.0 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 37.09 ng

RT: 17.11 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF088534.D

Acq: 30 Jun 2016 17:35

Instrument :

BNA_F

ClientSampleId :

ICVBF063016

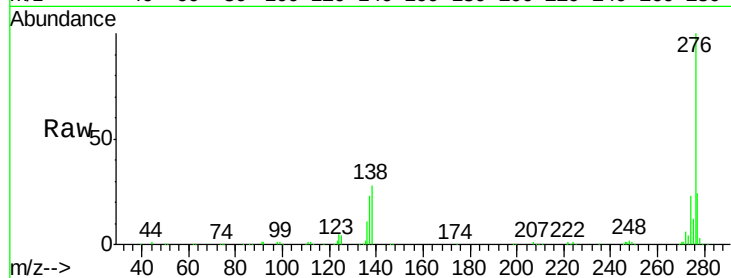
Tgt Ion: 276 Resp: 470851

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 28.0 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

