

Data Path : V:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089567.D
 Acq On : 3 Aug 2016 19:20
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 07:17:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 07:15:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	40550	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	175168	20.00	ng	0.00
38) Acenaphthene-d10	12.32	164	84748	20.00	ng	0.00
63) Phenanthrene-d10	14.71	188	160662	20.00	ng	-0.01
75) Chrysene-d12	18.40	240	107200	20.00	ng	-0.01
86) Perylene-d12	20.07	264	75062	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	36623	14.96	ng	0.02
7) Phenol-d6	7.00	99	60704	18.61	ng	0.00
23) Nitrobenzene-d5	8.38	82	63782	20.14	ng	0.00
41) 2,4,6-Tribromophenol	13.60	330	12992	19.30	ng	-0.01
44) 2-Fluorobiphenyl	11.27	172	133018	20.38	ng	-0.01
78) Terphenyl-d14	17.06	244	107562	20.13	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.77	88	19220	10.93	ng	# 75
3) Pyridine	2.42	79	17069	10.14	ng	# 83
4) n-Nitrosodimethylamine	2.39	42	2739	10.14	ng	# 77
6) Aniline	6.97	93	18146	7.08	ng	97
8) 2-Chlorophenol	7.14	128	29388	10.03	ng	96
9) Benzaldehyde	6.79	77	9990	8.60	ng	95
10) Phenol	7.03	94	36872	10.91	ng	# 65
11) bis(2-Chloroethyl)ether	7.10	93	25860	8.71	ng	98
12) 1,3-Dichlorobenzene	7.37	146	30784	9.58	ng	96
13) 1,4-Dichlorobenzene	7.50	146	30177	9.41	ng	97
14) 1,2-Dichlorobenzene	7.72	146	35698	10.72	ng	100
15) Benzyl Alcohol	7.77	79	15309	7.18	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.95	45	36946	10.09	ng	96
17) 2-Methylphenol	7.98	107	21018	9.81	ng	98
18) Hexachloroethane	8.24	117	13698	10.17	ng	# 88
19) n-Nitroso-di-n-propylamine	8.17	70	22764	18.64	ng	94
20) 3+4-Methylphenols	8.25	107	26445	9.42	ng	# 89
22) Acetophenone	8.15	105	33325	8.01	ng	99
24) Nitrobenzene	8.41	77	29747	9.03	ng	94
25) Isophorone	8.80	82	63126	10.50	ng	99
26) 2-Nitrophenol	8.92	139	12607	9.18	ng	93
27) 2,4-Dimethylphenol	9.05	122	24307	9.88	ng	98
28) bis(2-Chloroethoxy)methane	9.19	93	36031	10.01	ng	98
29) 2,4-Dichlorophenol	9.35	162	21628	9.35	ng	98
30) 1,2,4-Trichlorobenzene	9.42	180	26000	9.83	ng	96
31) Naphthalene	9.53	128	95728	10.28	ng	100
32) Benzoic acid	9.29	122	15004	9.18	ng	87
33) 4-Chloroaniline	9.68	127	34606	9.62	ng	94
34) Hexachlorobutadiene	9.75	225	15653	10.20	ng	97
35) Caprolactam	10.24	113	5892	8.66	ng	92
36) 4-Chloro-3-methylphenol	10.52	107	27627	10.19	ng	96
37) 2-Methylnaphthalene	10.65	142	57734	10.14	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.92	216	31271	9.79	ng	97
40) Hexachlorocyclopentadiene	10.90	237	4644	11.14	ng	97

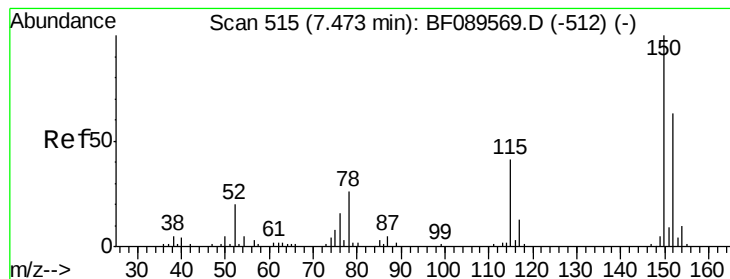
Data Path : V:\HPCHEM1\BNA F\DATA\BF080316\
 Data File : BF089567.D
 Acq On : 3 Aug 2016 19:20
 Operator : UM/SJ
 Sample : SSTDICC010
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 04 07:15:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.15	196	14615	9.36	nq	96
43) 2,4,5-Trichlorophenol	11.23	196	17425	10.44	nq	97
45) 1,1'-Biphenyl	11.42	154	78154	10.21	nq	99
46) 2-Chloronaphthalene	11.43	162	58431	10.19	nq	96
47) 2-Nitroaniline	11.66	65	16821	9.25	nq	98
48) Acenaphthylene	12.08	152	96538	10.21	nq	99
49) Dimethylphthalate	11.97	163	65100	10.03	nq	100
50) 2,6-Dinitrotoluene	12.06	165	12676	9.76	nq	92
51) Acenaphthene	12.37	154	56297	10.27	nq	99
52) 3-Nitroaniline	12.34	138	13946	9.11	nq	93
53) 2,4-Dinitrophenol	12.69	184	417	11.95	nq	# 11
54) Dibenzofuran	12.66	168	74840	10.03	nq	99
55) 4-Nitrophenol	12.79	139	3999	4.77	nq	87
56) 2,4-Dinitrotoluene	12.72	165	15732	9.01	nq	# 91
57) Fluorene	13.21	166	64938	10.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.89	232	11923	10.12	nq	# 91
59) Diethylphthalate	13.11	149	66950	10.18	nq	99
60) 4-Chlorophenyl-phenylether	13.25	204	28477	9.99	nq	98
61) 4-Nitroaniline	13.36	138	11810	8.80	nq	95
62) Azobenzene	13.50	77	65479	9.71	nq	96
64) 4,6-Dinitro-2-methylphenol	13.38	198	6117	10.69	nq	83
65) n-Nitrosodiphenylamine	13.45	169	54241	9.91	nq	97
66) 4-Bromophenyl-phenylether	14.02	248	14886	9.48	nq	96
67) Hexachlorobenzene	14.09	284	16987	10.01	nq	# 84
68) Atrazine	14.35	200	15342	10.83	nq	97
69) Pentachlorophenol	14.46	266	3762	9.13	nq	94
70) Phenanthrene	14.74	178	86065	10.03	nq	99
71) Anthracene	14.83	178	94362	10.06	nq	100
72) Carbazole	15.13	167	76471	10.08	nq	98
73) Di-n-butylphthalate	15.71	149	98903	10.19	nq	99
74) Fluoranthene	16.51	202	90083	10.37	nq	99
76) Benzidine	16.77	184	32566	11.14	nq	98
77) Pyrene	16.81	202	96849	10.16	nq	99
79) Butylbenzylphthalate	17.74	149	33401	9.34	nq	97
80) Benzo(a)anthracene	18.39	228	63545	10.17	nq	99
81) 3,3'-Dichlorobenzidine	18.39	252	18776	9.59	nq	# 98
82) Chrysene	18.43	228	63826	9.91	nq	99
83) Bis(2-ethylhexyl)phthalate	18.49	149	44279	9.19	nq	99
84) Di-n-octyl phthalate	19.26	149	60555	8.29	nq	100
85) Indeno(1,2,3-cd)pyrene	21.26	276	42511	9.90	nq	97
87) Benzo(b)fluoranthene	19.66	252	44789	9.77	nq	98
88) Benzo(k)fluoranthene	19.66	252	44789	9.91	nq	# 96
89) Benzo(a)pyrene	20.01	252	42574	10.01	nq	97
90) Dibenzo(a,h)anthracene	21.27	278	36803	9.14	nq	97
91) Benzo(g,h,i)perylene	21.60	276	37837	8.97	nq	95

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

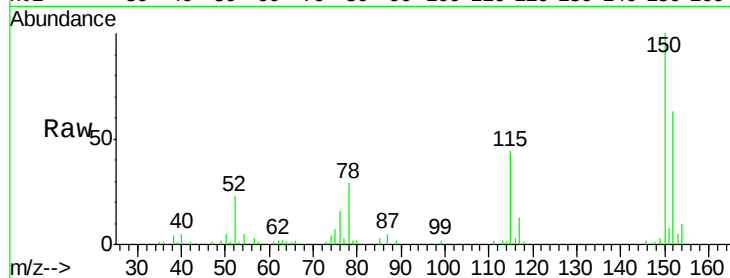


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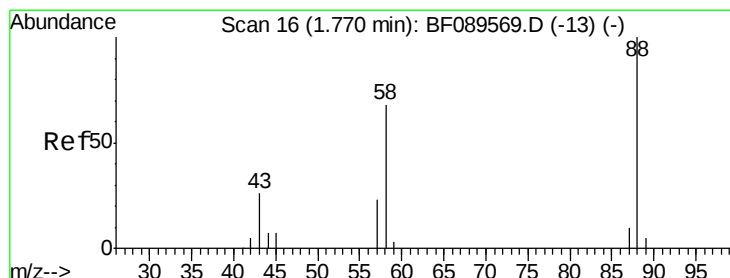
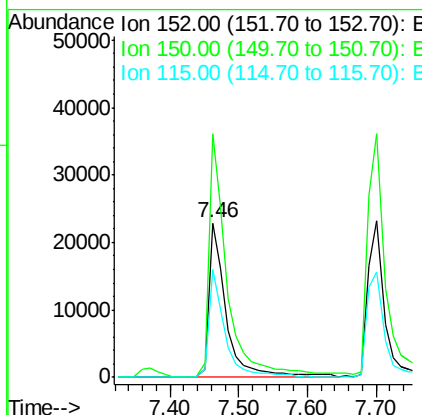
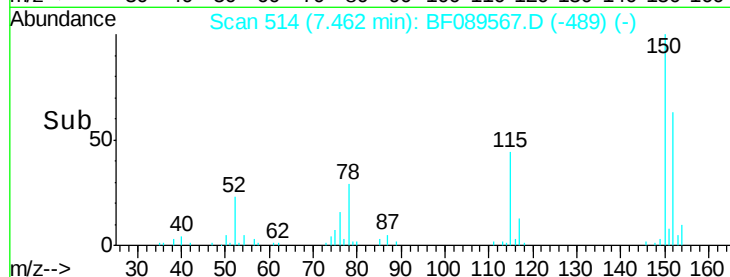
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 40550
Ion Ratio Lower Upper
152 100
150 157.8 127.4 191.2
115 70.2 51.8 77.8



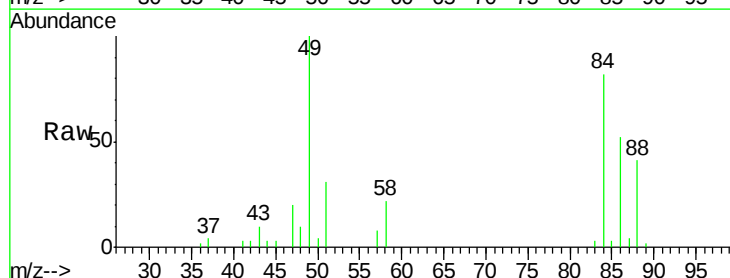
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



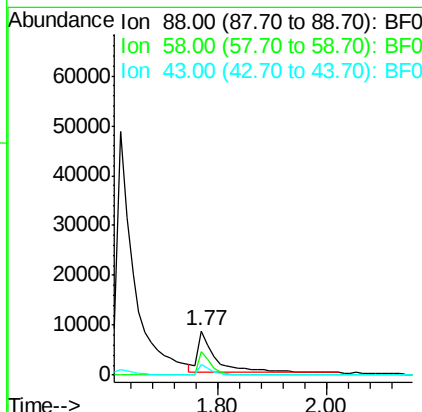
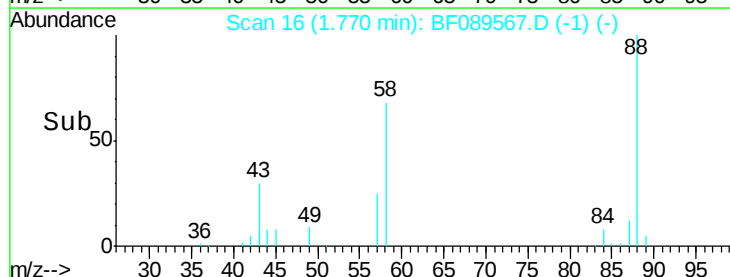
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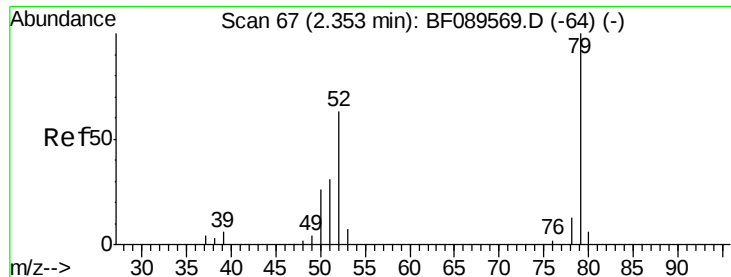
1,4-Dioxane
Concen: 10.93 ng
RT: 1.77 min Scan# 16
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion: 88 Resp: 19220
Ion Ratio Lower Upper
88 100
58 36.7 47.0 70.4#
43 16.1 18.9 28.3#



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



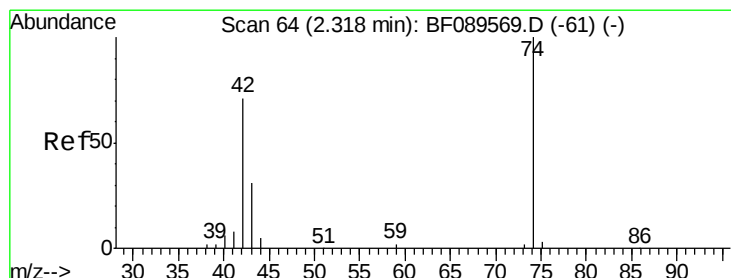
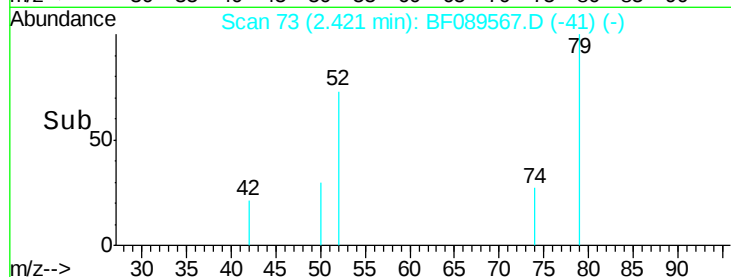
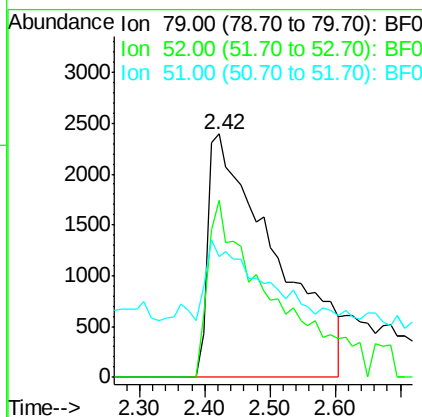
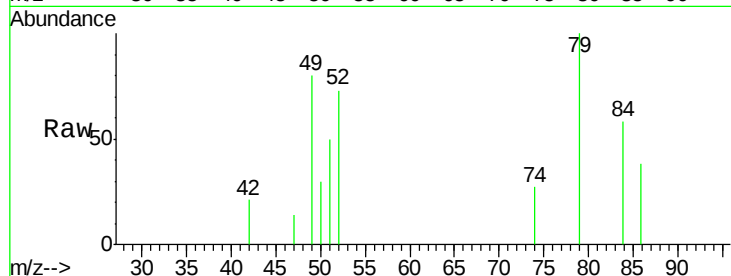


#3
Pvridine
Concen: 10.14 ng
RT: 2.42 min Scan# 73
Delta R.T. 0.07 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 17069

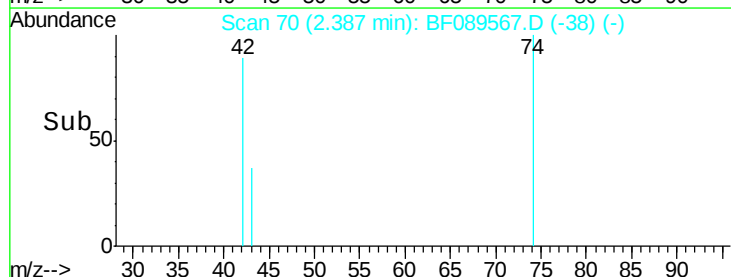
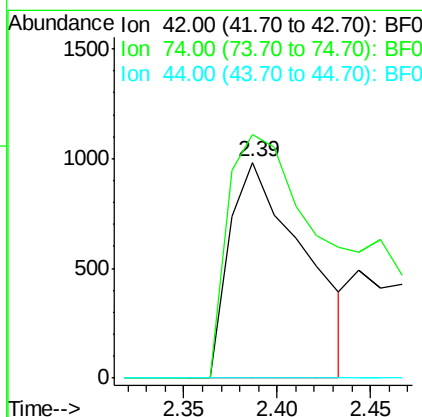
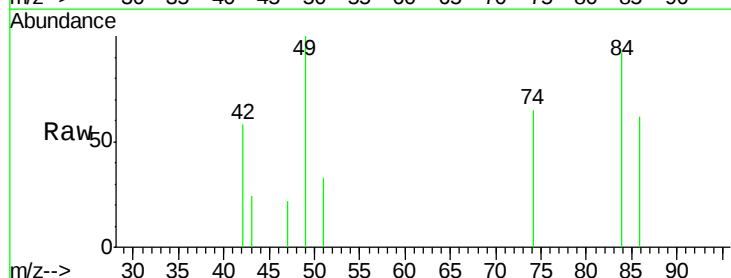
Ion	Ratio	Lower	Upper
79	100		
52	72.5	50.6	76.0
51	49.8	27.6	41.4#

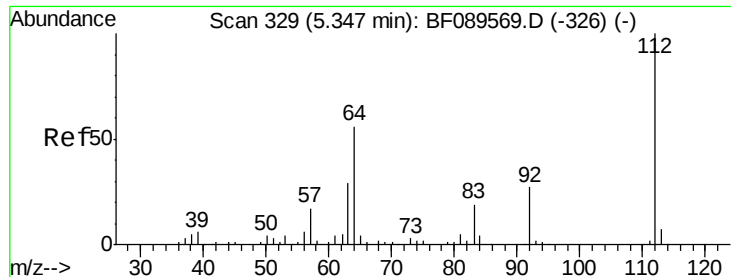


#4
n-Nitrosodimethylamine
Concen: 10.14 ng
RT: 2.39 min Scan# 70
Delta R.T. 0.07 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion: 42 Resp: 2739

Ion	Ratio	Lower	Upper
42	100		
74	112.9	113.5	170.3#
44	0.0	5.5	8.3#





#5

2-Fluorophenol

Concen: 14.96 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.02 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

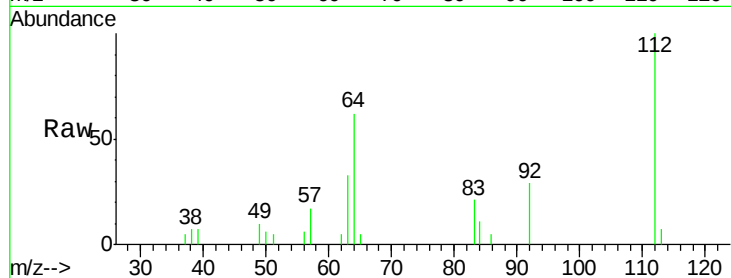
Tot Ion: 112 Resp: 36623

Ion Ratio Lower Upper

112 100

64 61.8 45.2 67.8

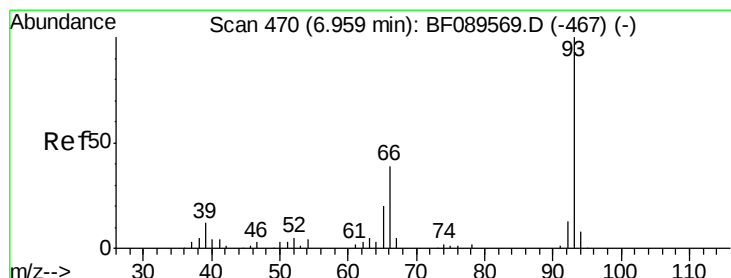
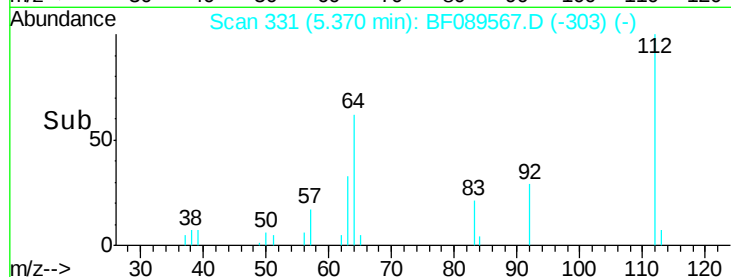
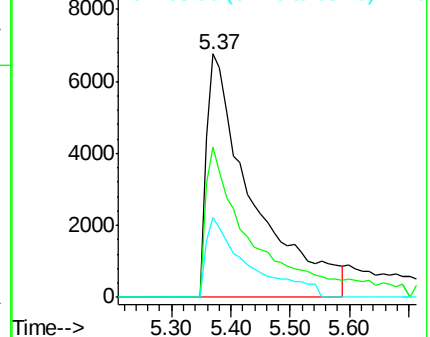
63 32.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 7.08 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

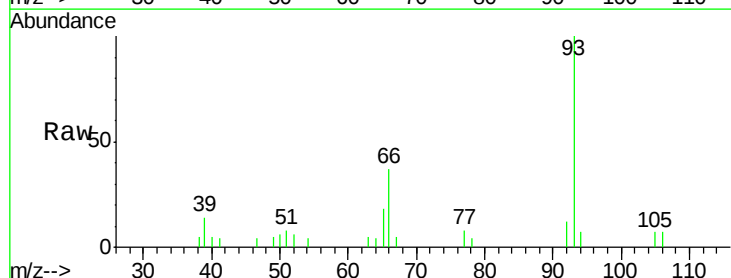
Tgt Ion: 93 Resp: 18146

Ion Ratio Lower Upper

93 100

66 37.3 31.1 46.7

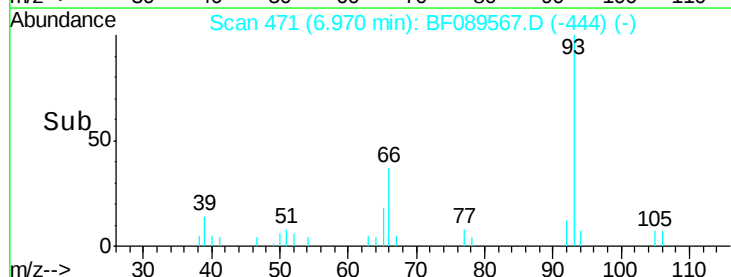
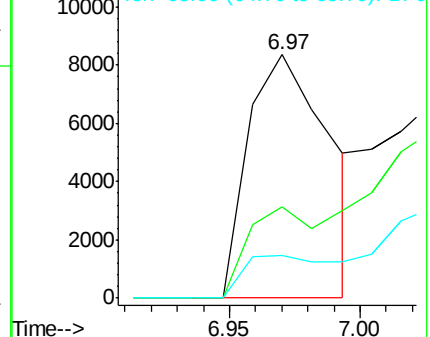
65 17.7 15.7 23.5

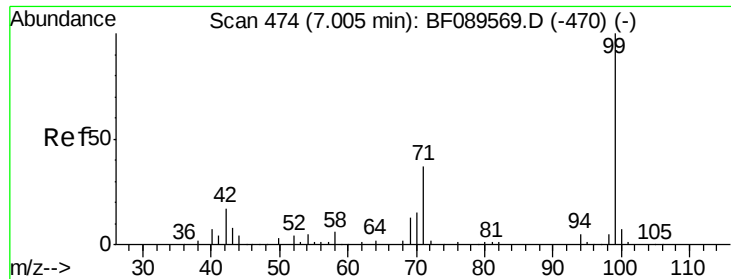


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 18.61 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampled :

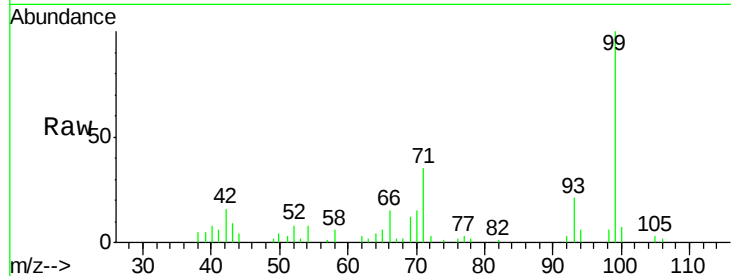
Tot Ion: 99 Resp: 60704

Ion Ratio Lower Upper

99 100

42 16.1 13.9 20.9

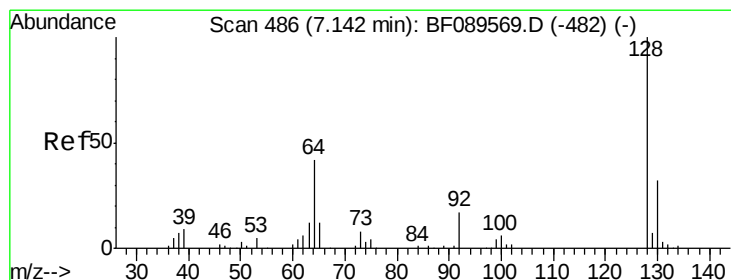
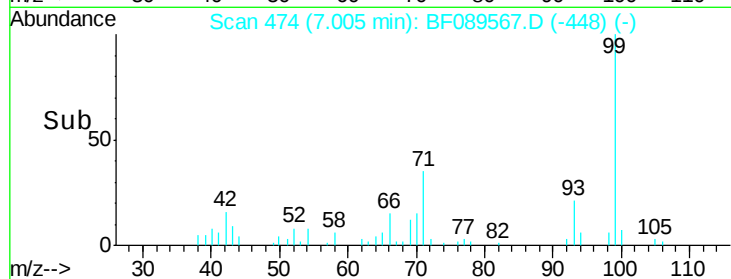
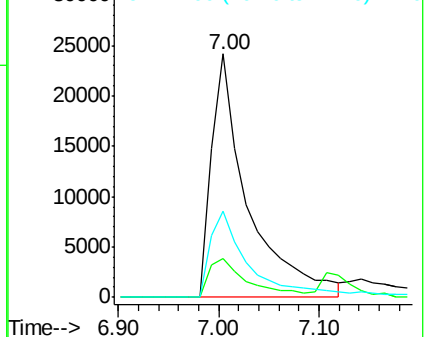
71 35.3 29.3 43.9



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: 10.03 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

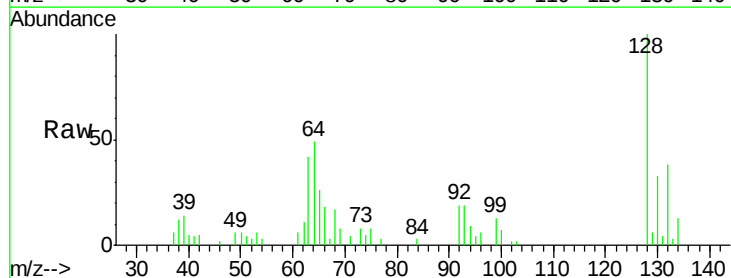
Tgt Ion: 128 Resp: 29388

Ion Ratio Lower Upper

128 100

130 32.6 12.4 52.4

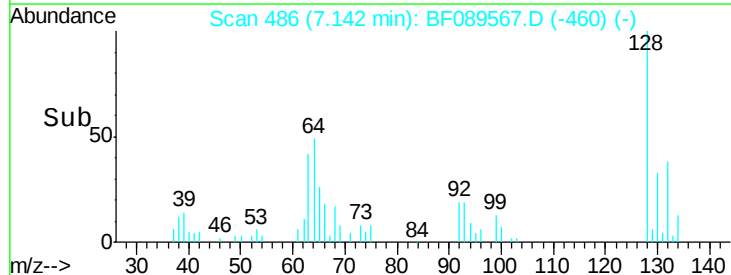
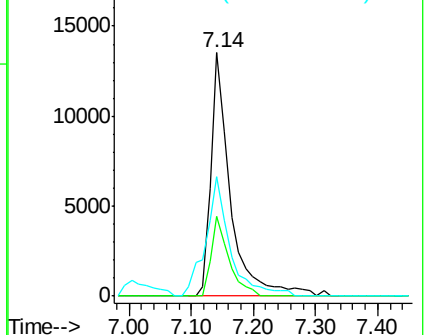
64 48.9 24.0 64.0

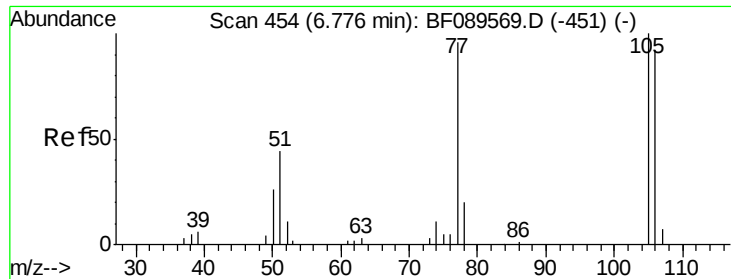


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.60 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

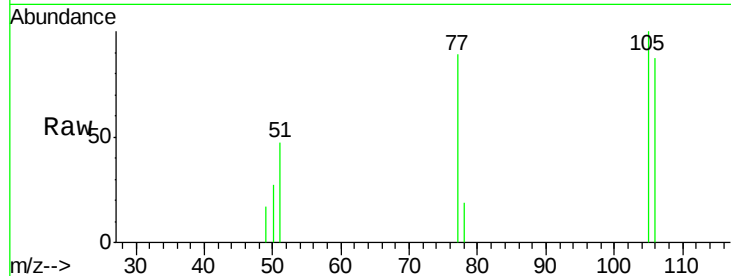
Tot Ion: 77 Resp: 9990

Ion Ratio Lower Upper

77 100

105 111.9 84.0 124.0

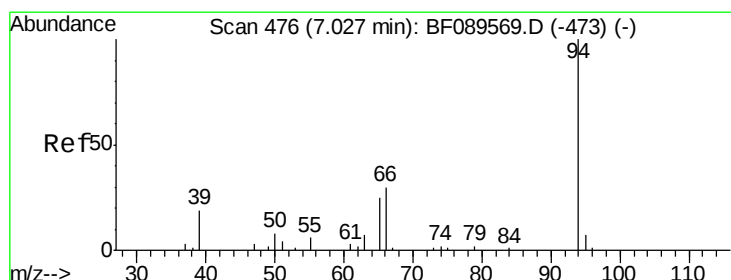
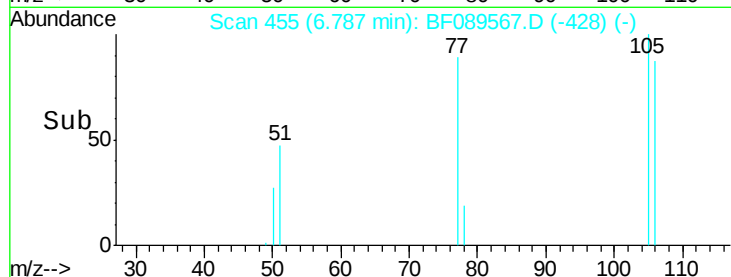
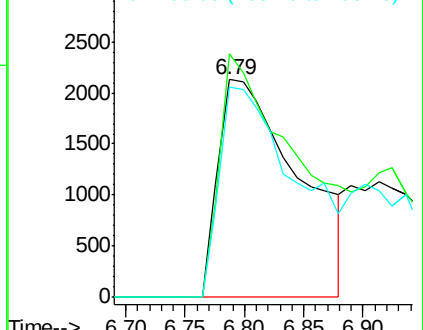
106 96.8 75.3 115.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 10.91 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

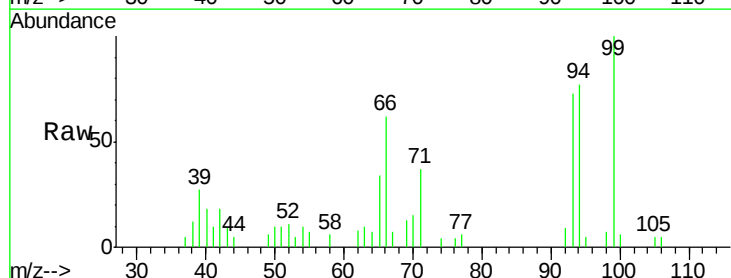
Tgt Ion: 94 Resp: 36872

Ion Ratio Lower Upper

94 100

65 44.1 11.9 51.9

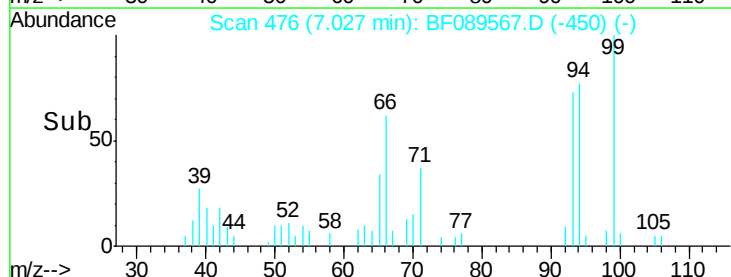
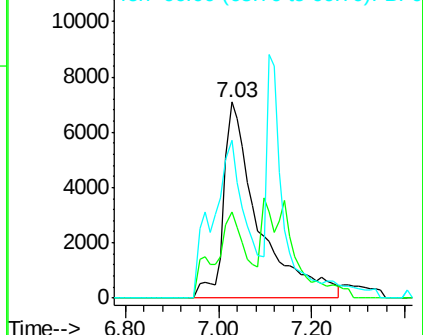
66 80.6 30.9 70.9#

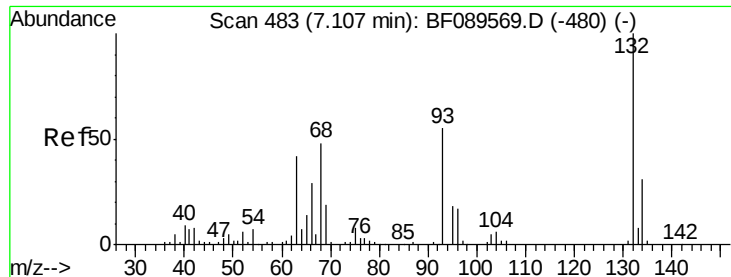


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 8.71 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

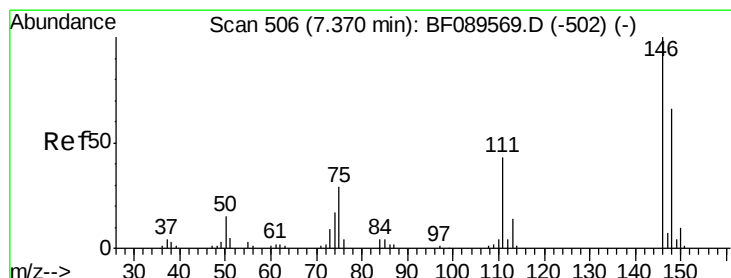
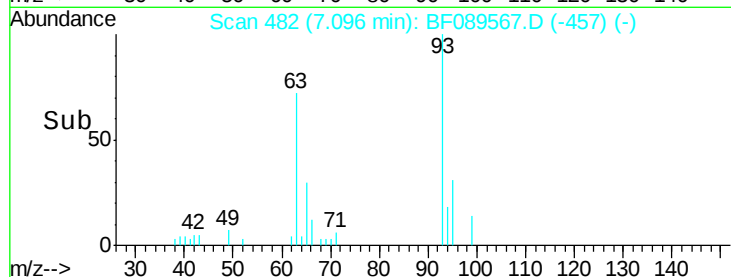
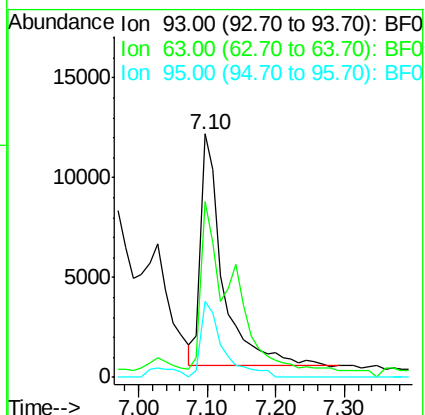
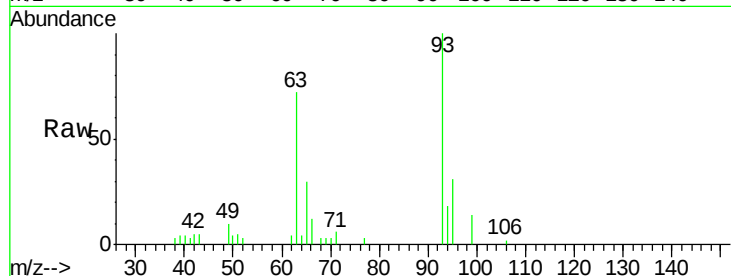
Tot Ion: 93 Resp: 25860

Ion Ratio Lower Upper

93 100

63 72.4 54.0 94.0

95 31.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 9.58 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

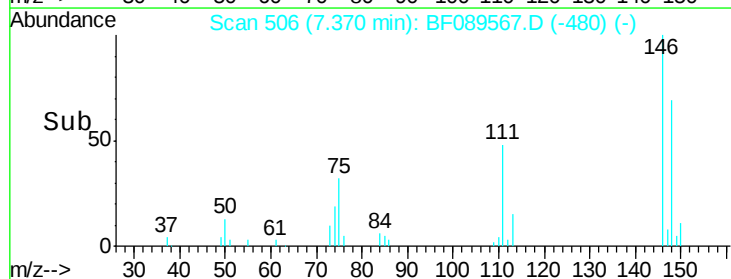
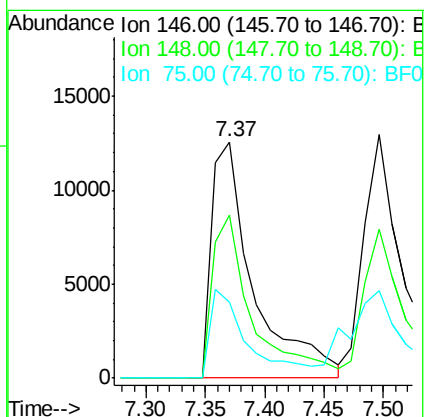
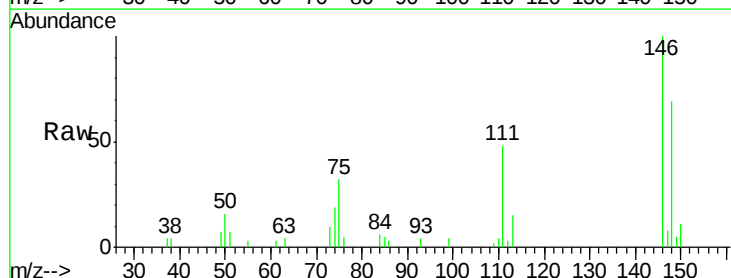
Tgt Ion: 146 Resp: 30784

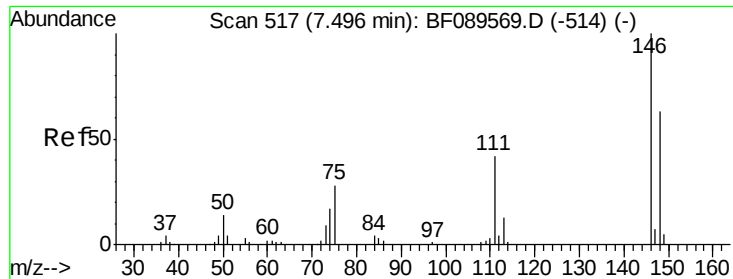
Ion Ratio Lower Upper

146 100

148 68.9 52.7 79.1

75 32.0 23.3 34.9

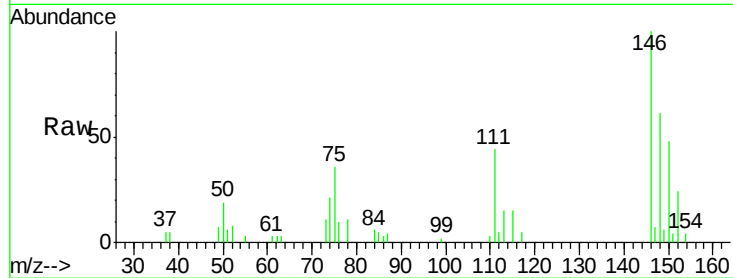




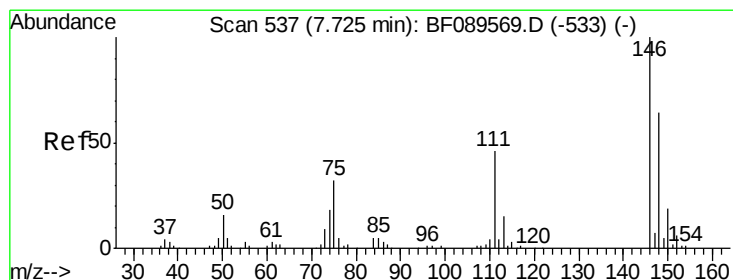
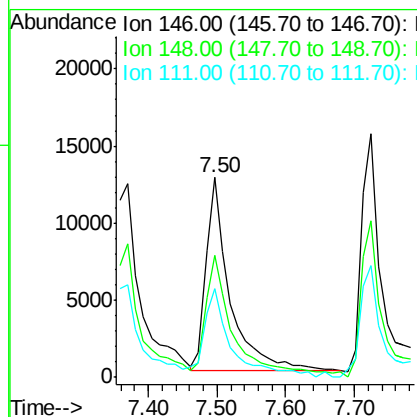
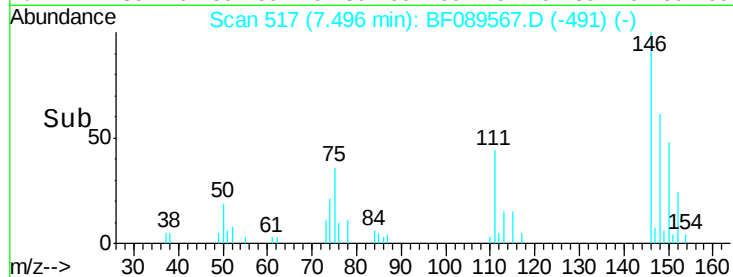
#13
 1,4-Dichlorobenzene
 Concen: 9.41 ng
 RT: 7.50 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 30177
 Ion Ratio Lower Upper
 146 100
 148 61.0 50.6 76.0
 111 44.3 33.7 50.5

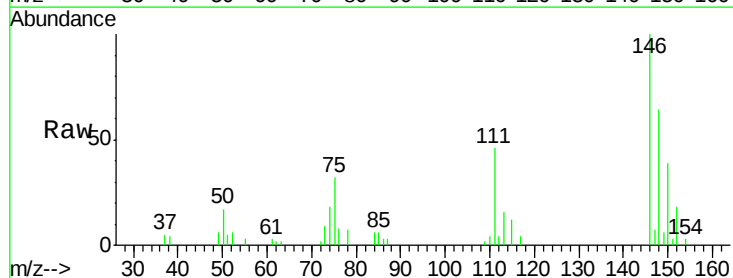


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

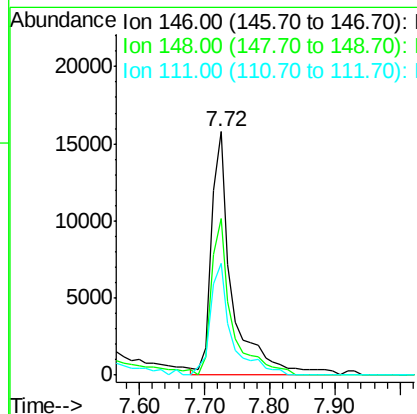
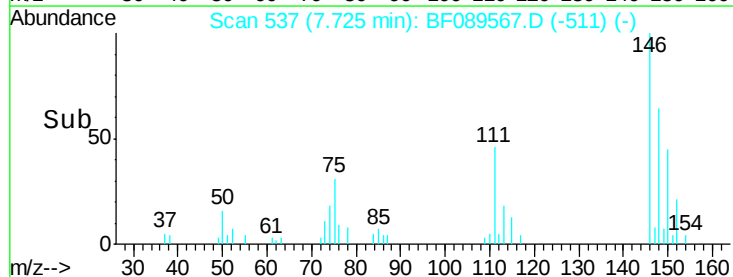


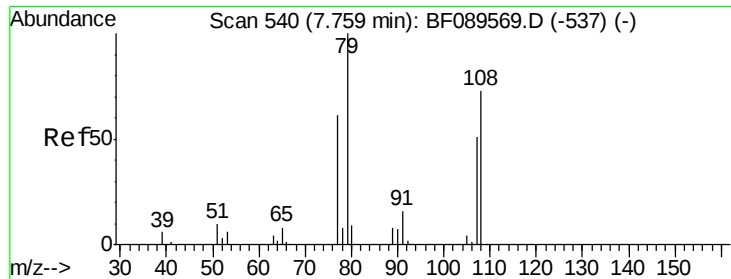
#14
 1,2-Dichlorobenzene
 Concen: 10.72 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:146 Resp: 35698
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.4 77.0
 111 45.7 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

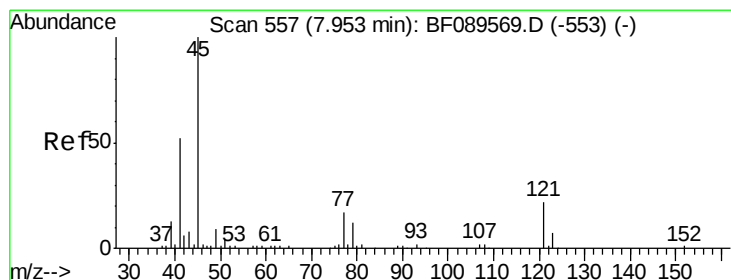
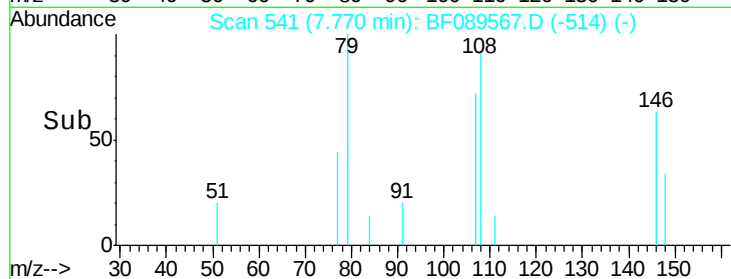
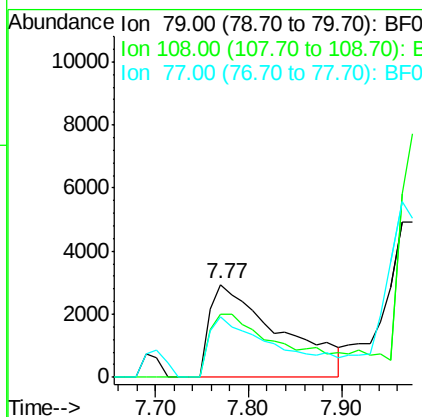
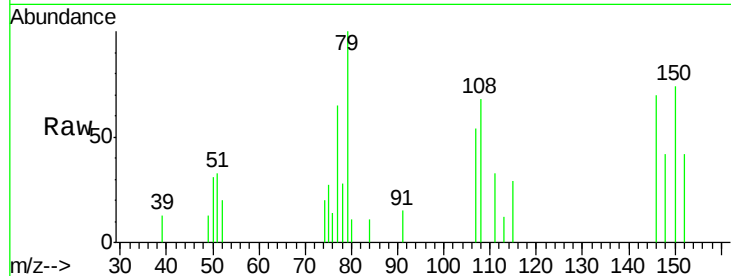




#15
Benzyl Alcohol
Concen: 7.18 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

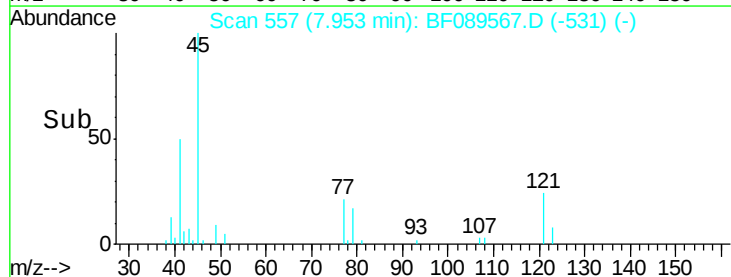
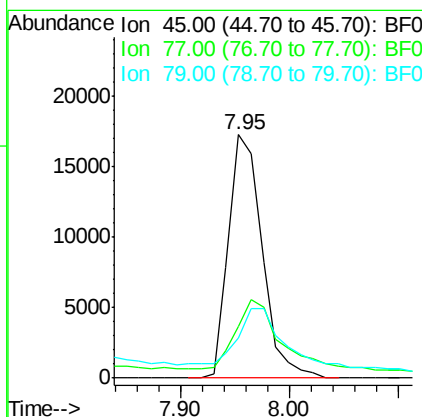
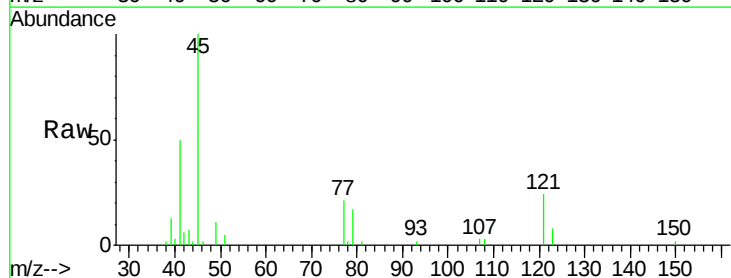
Instrument :
BNA_F
ClientSampled :

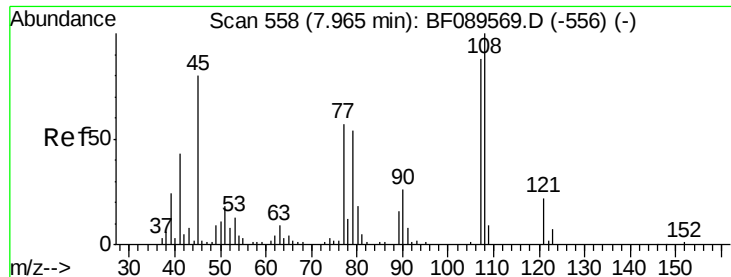
Tot Ion: 79 Resp: 15309
Ion Ratio Lower Upper
79 100
108 68.4 60.6 90.8
77 65.2 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.09 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion: 45 Resp: 36946
Ion Ratio Lower Upper
45 100
77 21.1 0.0 38.9
79 16.5 0.0 35.2

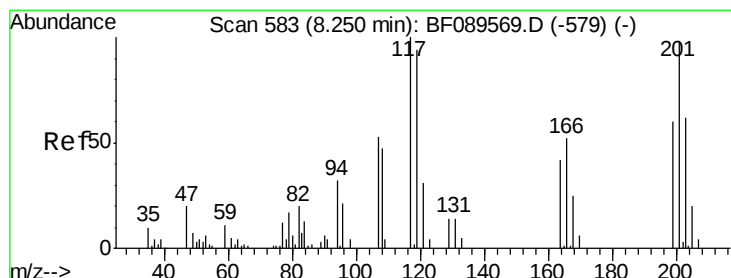
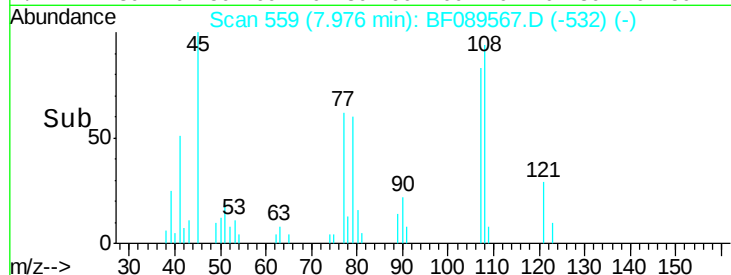
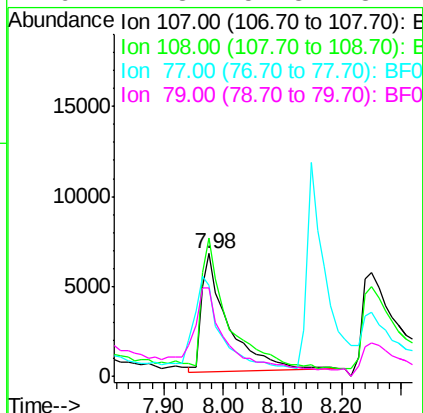
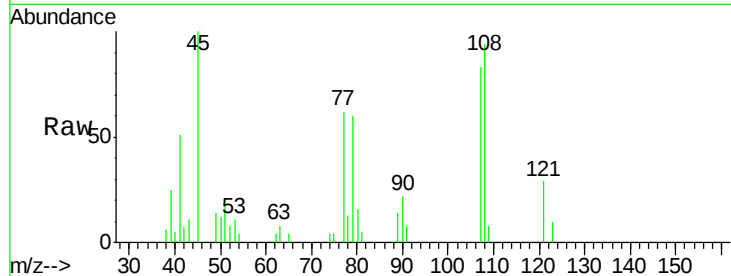




#17
2-Methylphenol
Concen: 9.81 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

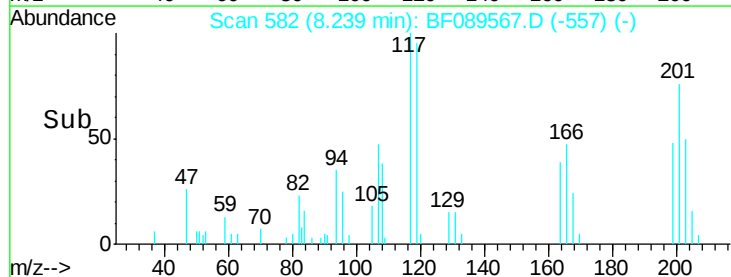
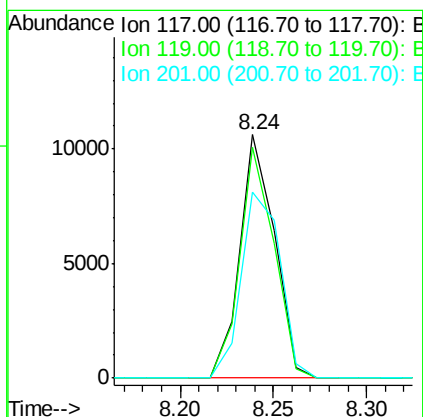
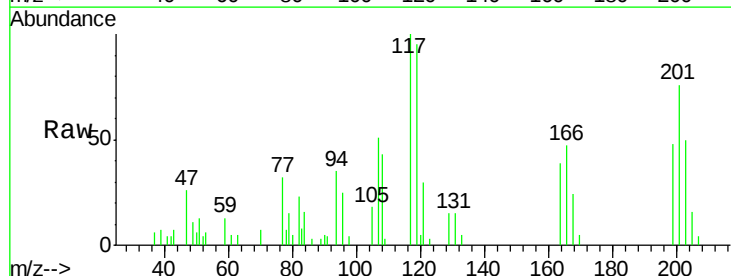
Instrument :
BNA_F
ClientSampled :

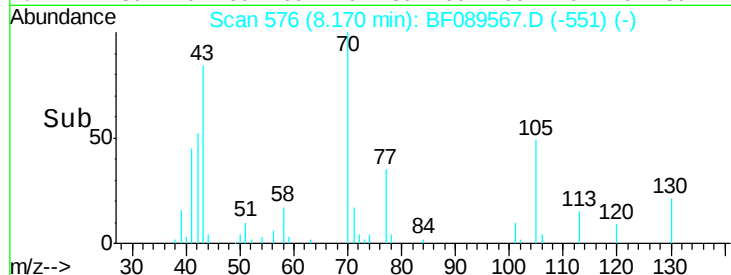
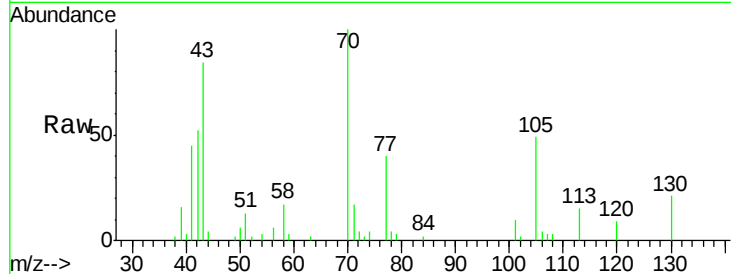
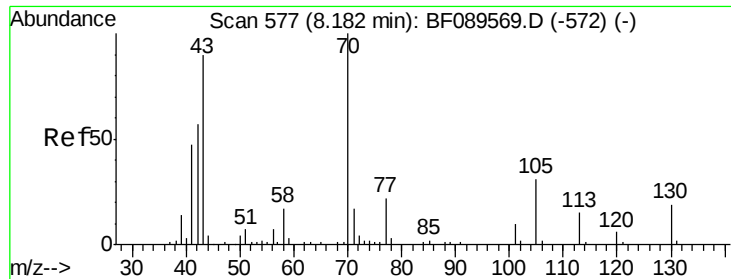
Tot Ion:107 Resp: 21018
Ion Ratio Lower Upper
107 100
108 113.4 91.3 136.9
77 74.3 58.1 87.1
79 72.3 54.8 82.2



#18
Hexachloroethane
Concen: 10.17 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:117 Resp: 13698
Ion Ratio Lower Upper
117 100
119 95.0 75.5 113.3
201 76.2 78.8 118.2#

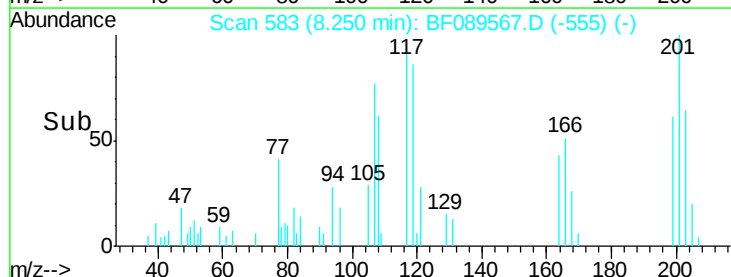
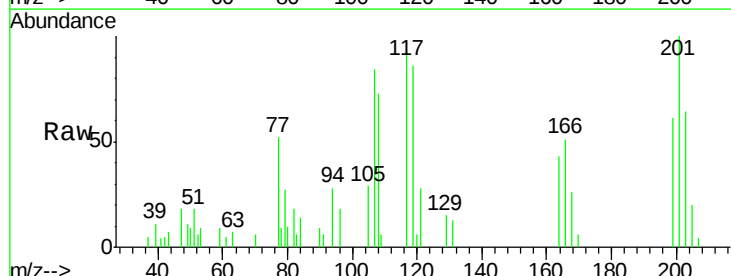
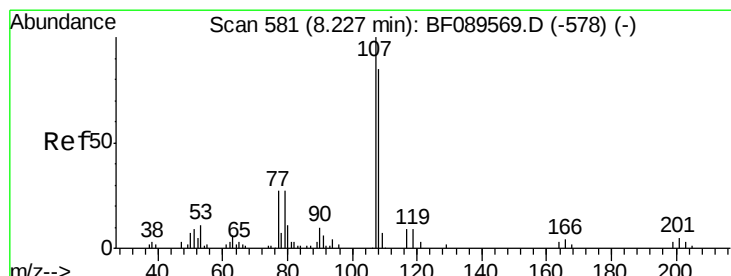
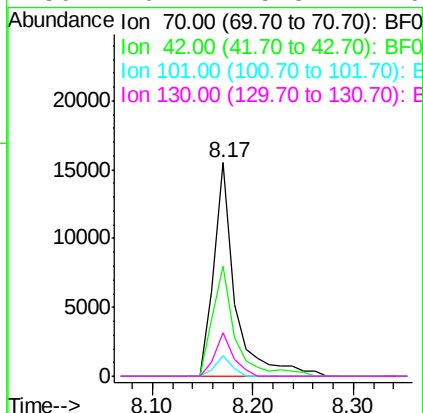




#19
n-Nitroso-di-n-propylamine
Concen: 18.64 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

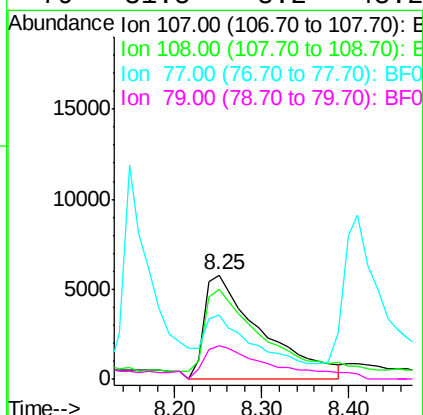
Instrument :
BNA_F
ClientSampleId :

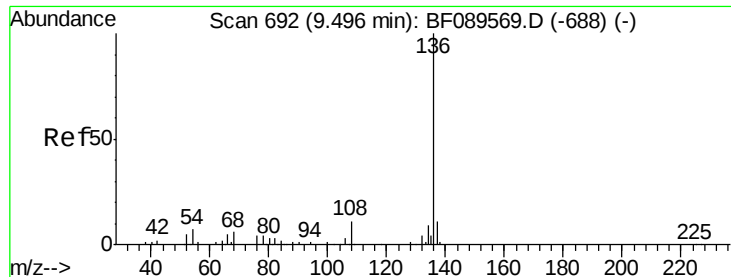
Tot Ion:	70	Resp:	22764
Ion	Ratio	Lower	Upper
70	100		
42	51.5	45.5	68.3
101	9.8	7.7	11.5
130	20.7	15.3	22.9



#20
3+4-Methylphenols
Concen: 9.42 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:	107	Resp:	26445
Ion	Ratio	Lower	Upper
107	100		
108	86.5	65.6	105.6
77	61.8	20.1	60.1#
79	31.5	8.2	48.2

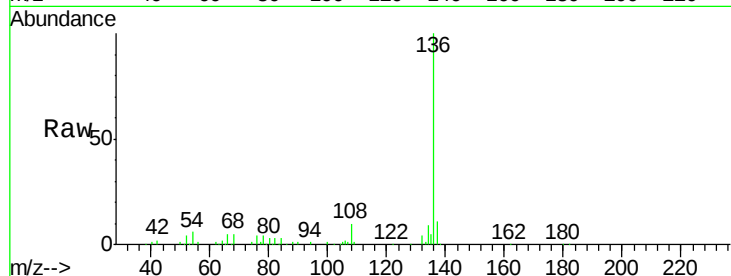




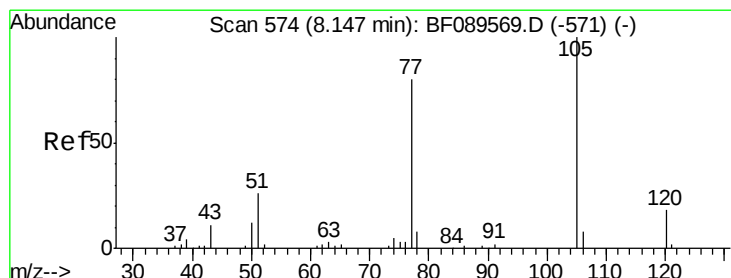
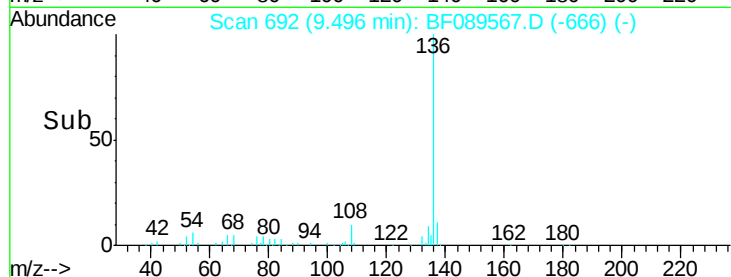
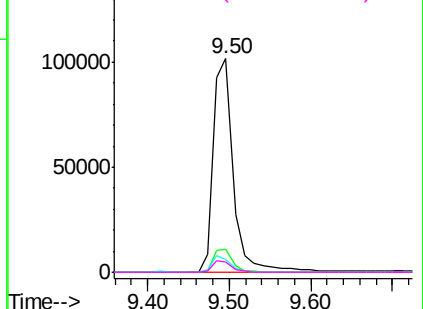
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	175168
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.8	13.2
54 6.2	5.9	8.9
68 4.9	4.5	6.7

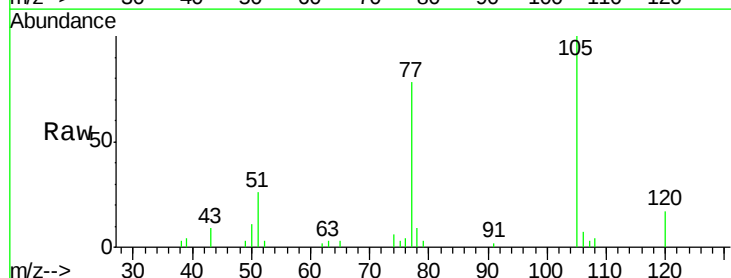


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

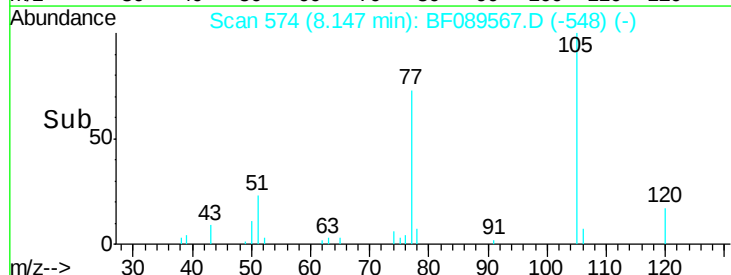
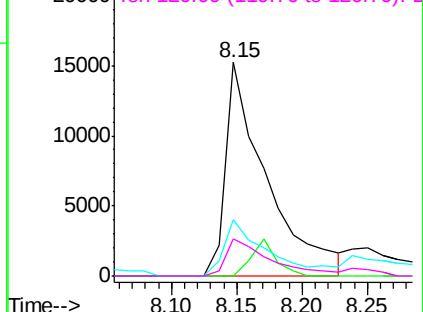


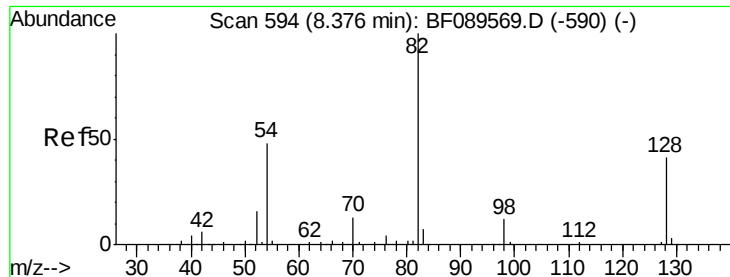
#22
Acetophenone
Concen: 8.01 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:105	Resp:	33325
Ion Ratio	Lower	Upper
105 100		
71 0.0	0.0	0.0
51 26.4	21.1	31.7
120 17.4	14.7	22.1



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

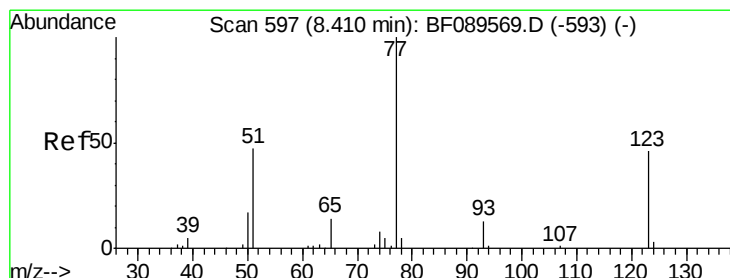
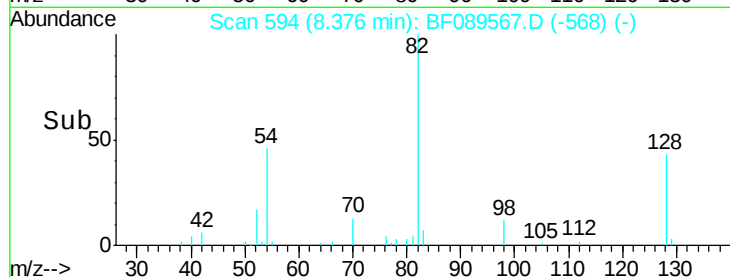
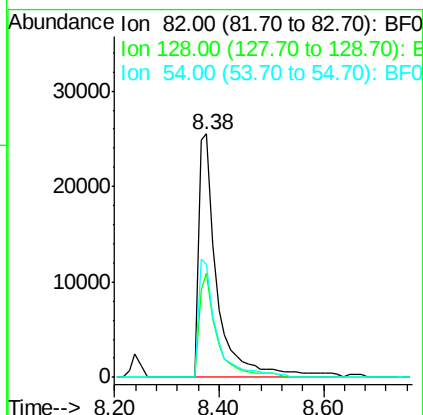
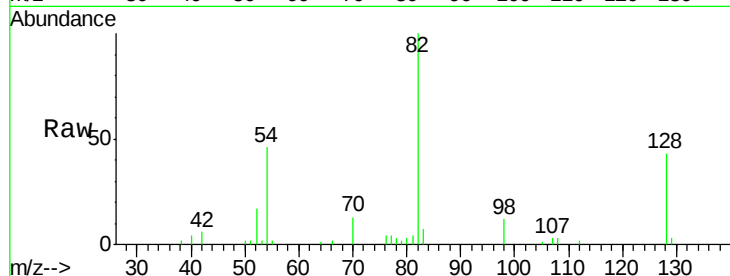




#23
 Nitrobenzene-d5
 Concen: 20.14 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

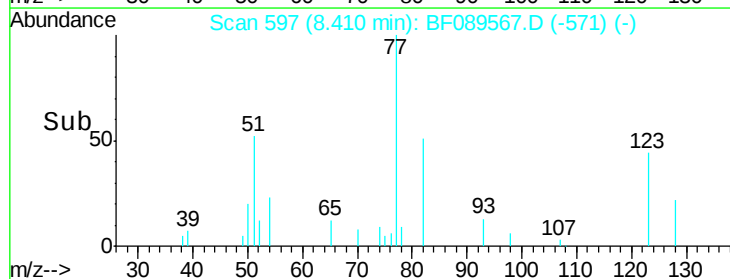
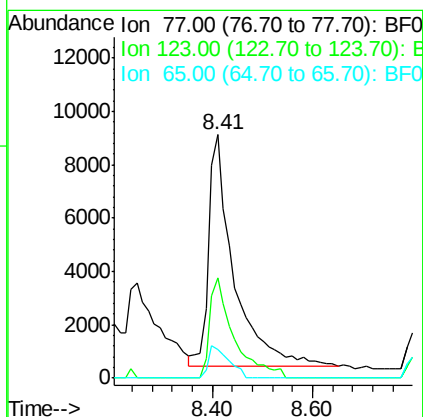
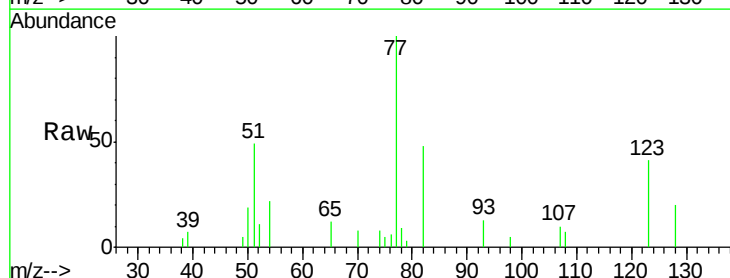
Instrument :
 BNA_F
 ClientSampleId :

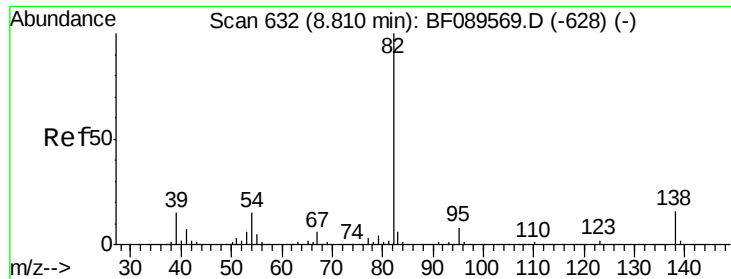
Tot Ion: 82 Resp: 63782
 Ion Ratio Lower Upper
 82 100
 128 42.7 32.4 48.6
 54 46.3 38.6 58.0



#24
 Nitrobenzene
 Concen: 9.03 ng
 RT: 8.41 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion: 77 Resp: 29747
 Ion Ratio Lower Upper
 77 100
 123 41.2 36.2 54.2
 65 11.5 10.7 16.1





#25

Isophorone

Concen: 10.50 ng

RT: 8.80 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampled :

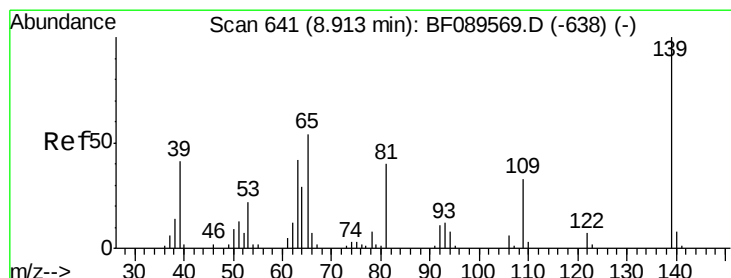
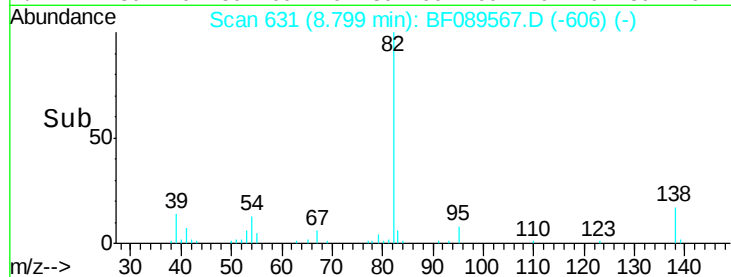
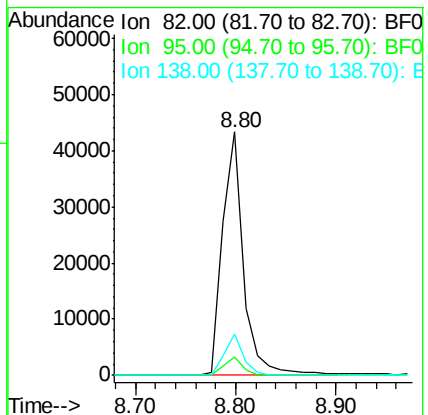
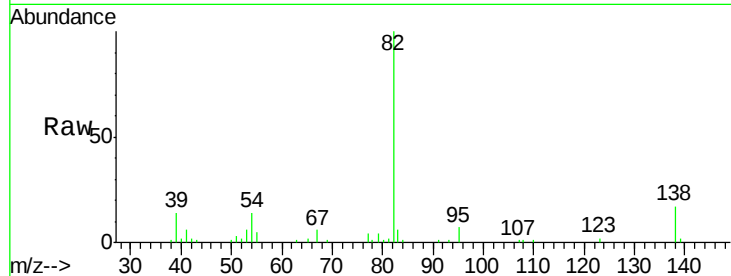
Tot Ion: 82 Resp: 63126

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

138 17.0 13.0 19.4



#26

2-Nitrophenol

Concen: 9.18 ng

RT: 8.92 min Scan# 642

Delta R.T. 0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

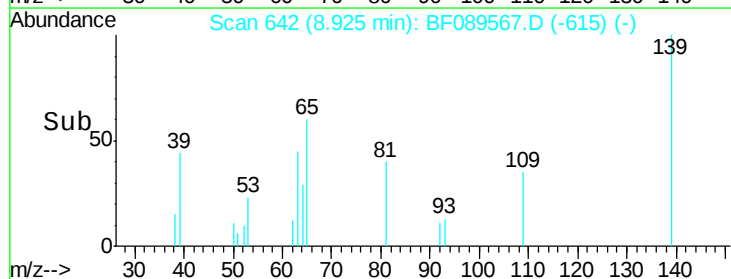
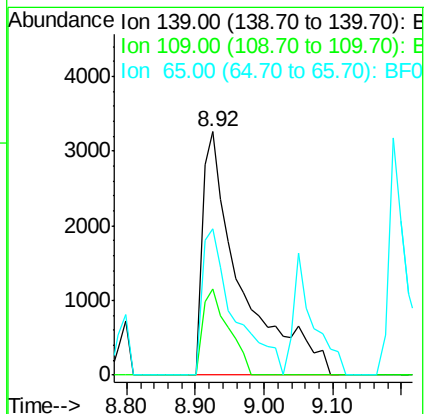
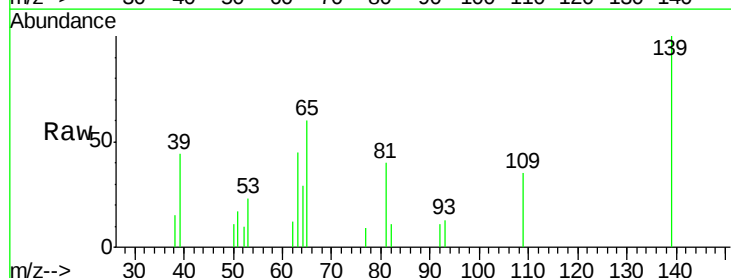
Tgt Ion: 139 Resp: 12607

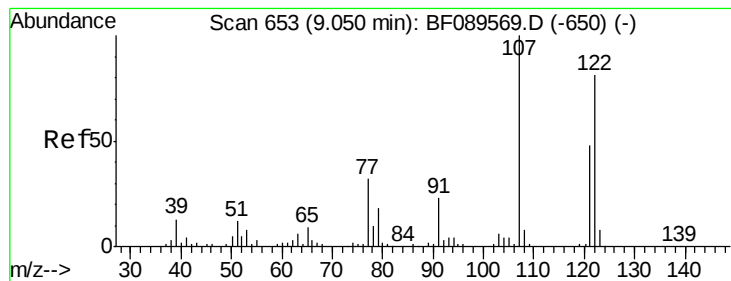
Ion Ratio Lower Upper

139 100

109 35.4 26.7 40.1

65 60.2 43.3 64.9





#27

2,4-Dimethylphenol

Concen: 9.88 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

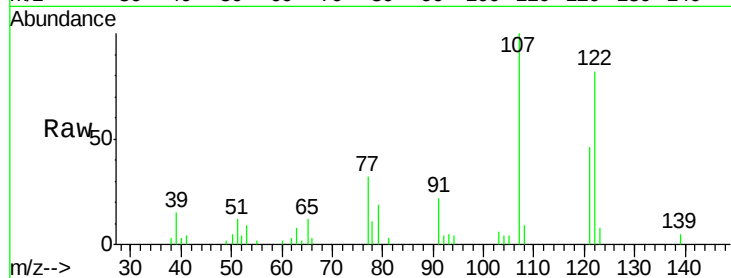
Tot Ion:122 Resp: 24307

Ion Ratio Lower Upper

122 100

107 122.5 99.3 148.9

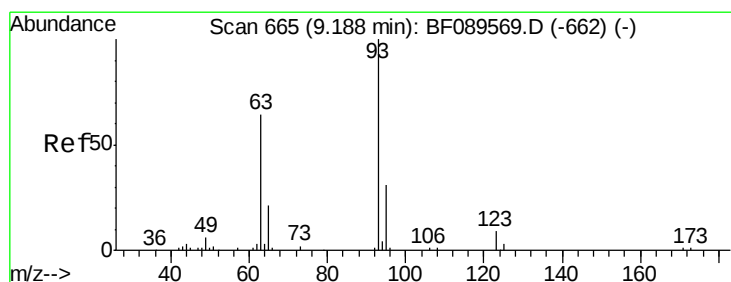
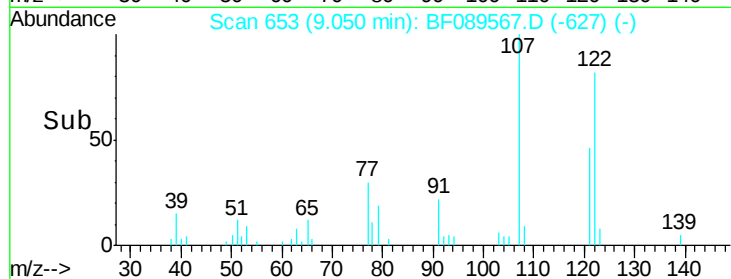
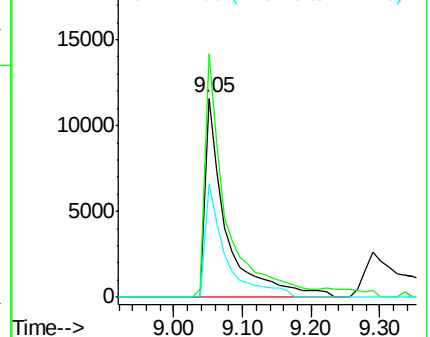
121 56.7 47.8 71.8



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: 10.01 ng

RT: 9.19 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

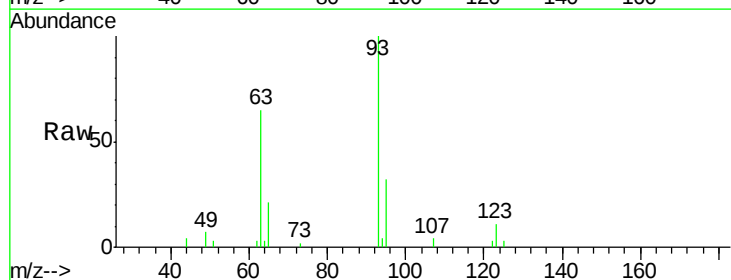
Tgt Ion: 93 Resp: 36031

Ion Ratio Lower Upper

93 100

95 32.0 25.0 37.6

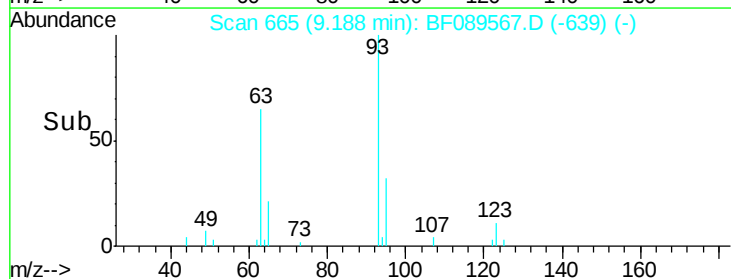
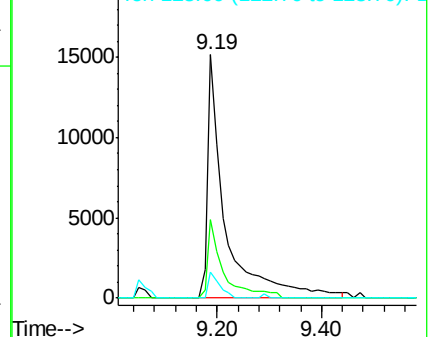
123 10.6 7.4 11.2

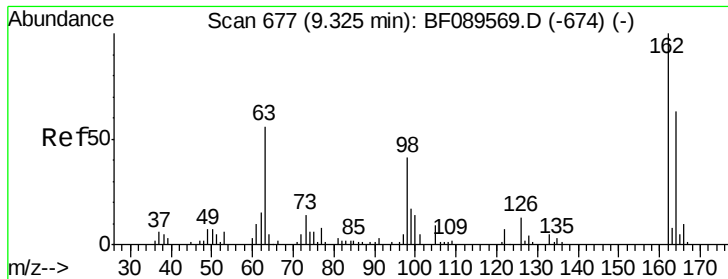


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

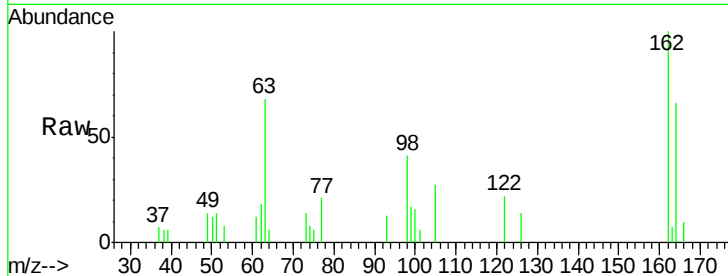




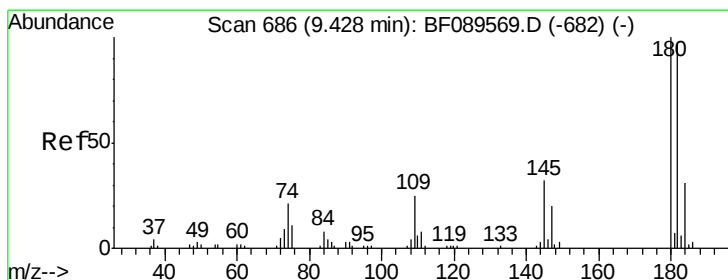
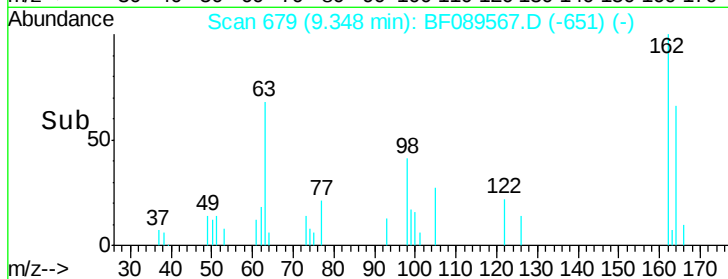
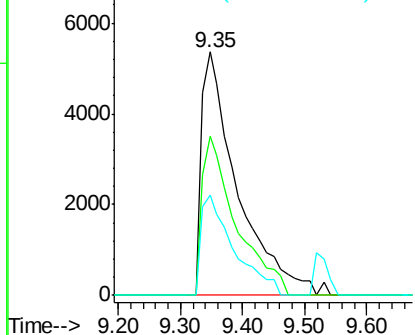
#29
2,4-Dichlorophenol
Concen: 9.35 ng
RT: 9.35 min Scan# 679
Delta R.T. 0.02 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 21628
Ion Ratio Lower Upper
162 100
164 65.5 43.1 83.1
98 41.1 20.7 60.7

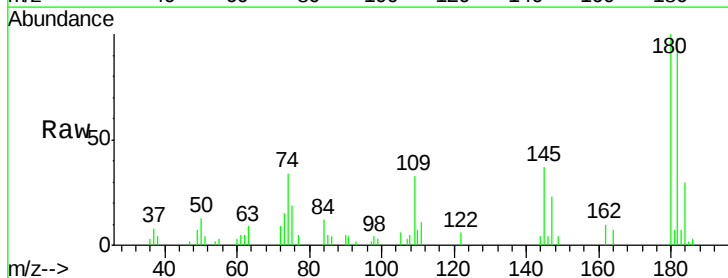


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

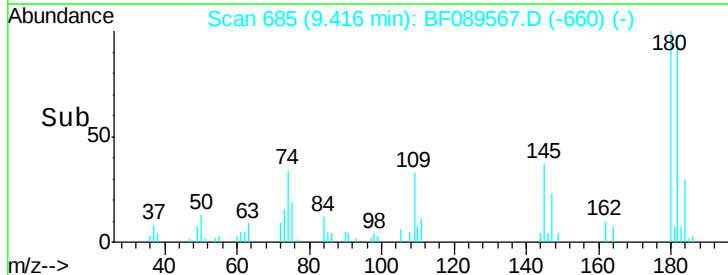
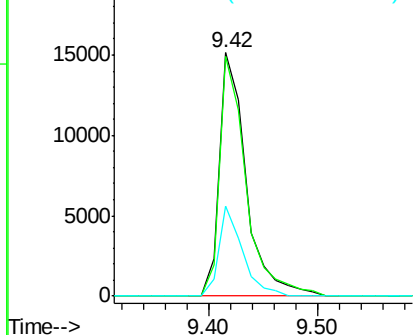


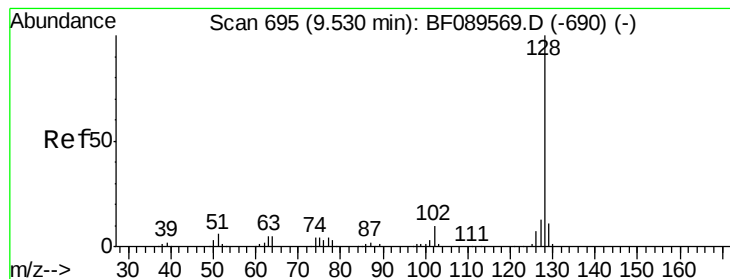
#30
1,2,4-Trichlorobenzene
Concen: 9.83 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:180 Resp: 26000
Ion Ratio Lower Upper
180 100
182 98.4 77.2 115.8
145 36.7 25.3 37.9



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: 10.28 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

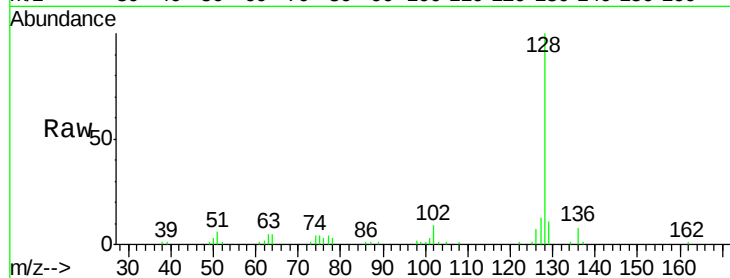
Tot Ion:128 Resp: 95728

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

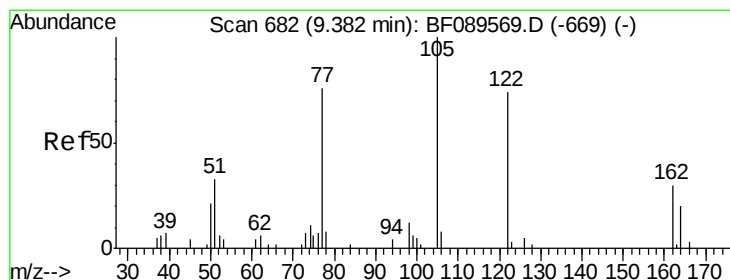
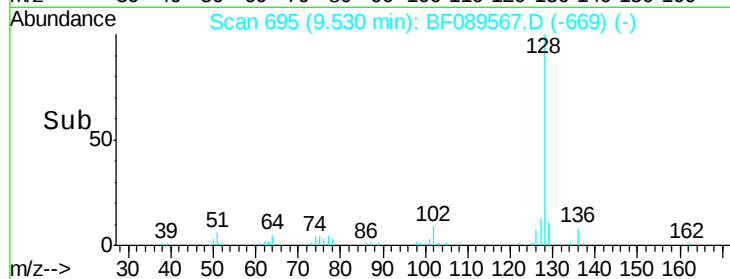
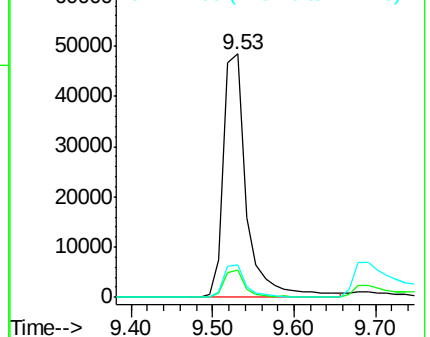
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.18 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.09 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

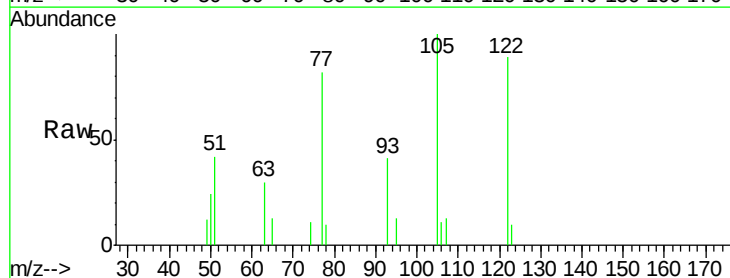
Tgt Ion:122 Resp: 15004

Ion Ratio Lower Upper

122 100

105 112.1 109.8 149.8

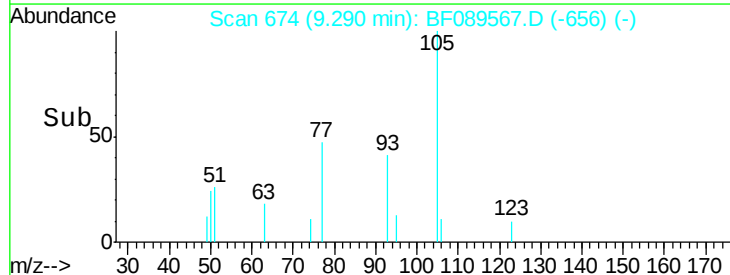
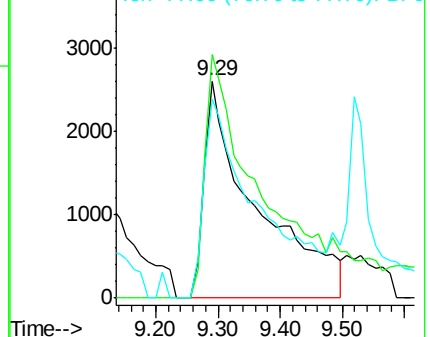
77 91.6 81.8 121.8

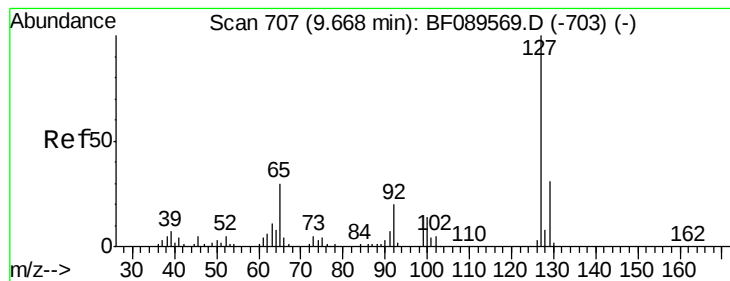


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.62 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 34606

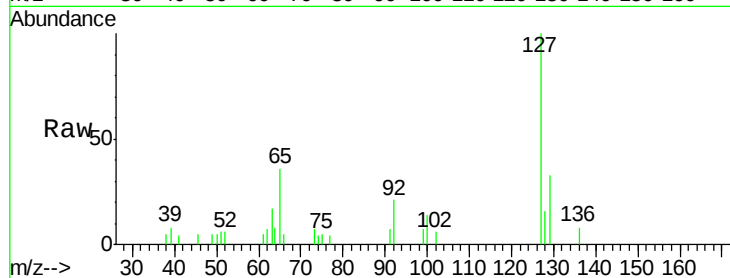
Ion Ratio Lower Upper

127 100

129 33.4 25.0 37.4

65 36.0 24.3 36.5

92 20.9 16.2 24.4

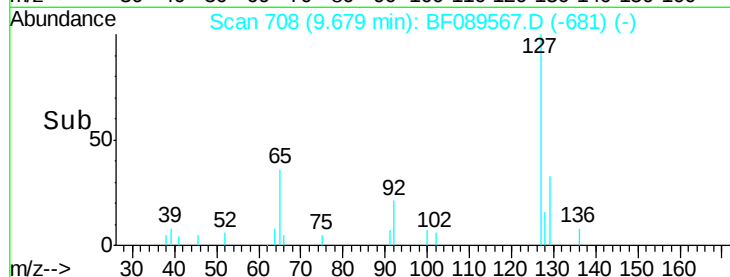


Abundance Ion 127.00 (126.70 to 127.70): E

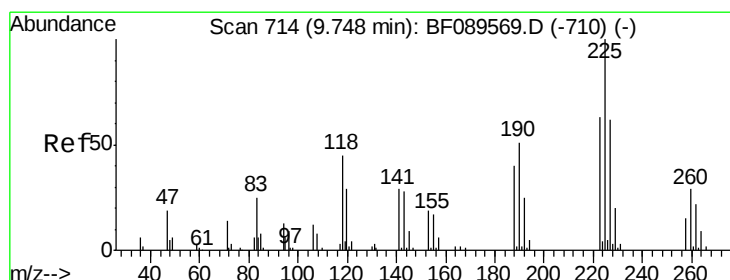
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 10.20 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

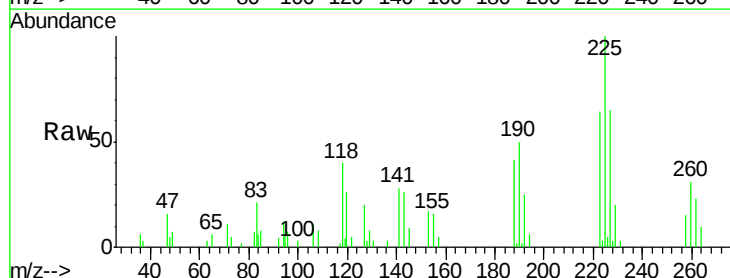
Tgt Ion:225 Resp: 15653

Ion Ratio Lower Upper

225 100

223 64.4 50.3 75.5

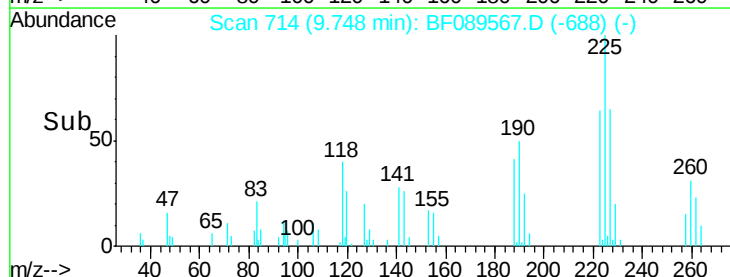
227 65.1 49.6 74.4



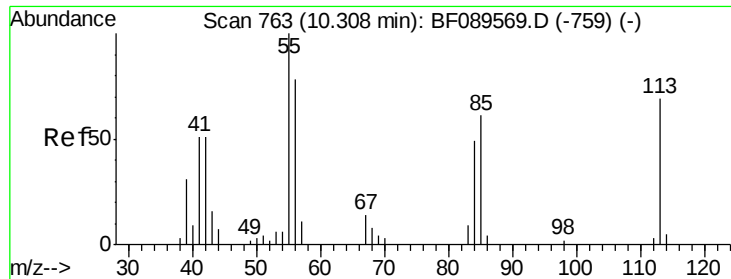
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



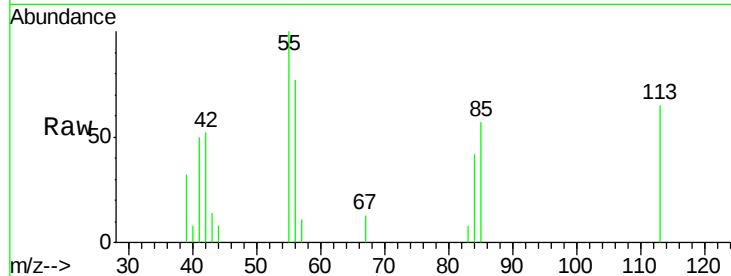
Time-->



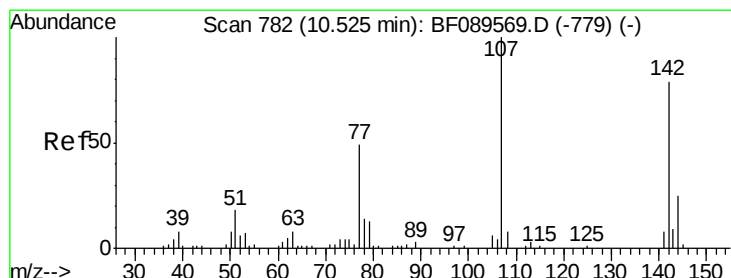
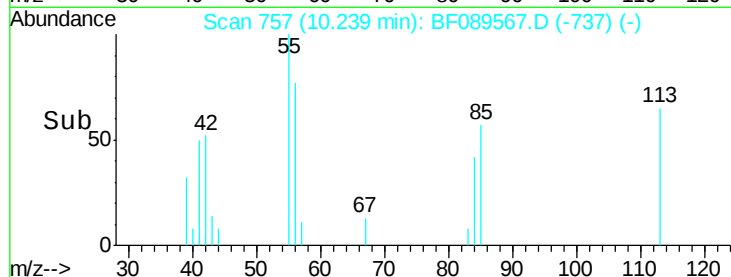
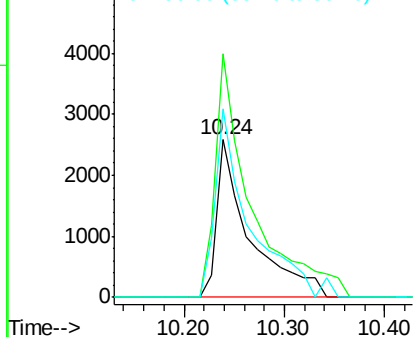
#35
 Caprolactam
 Concen: 8.66 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 5892
 Ion Ratio Lower Upper
 113 100
 55 154.7 124.4 164.4
 56 119.7 92.2 132.2

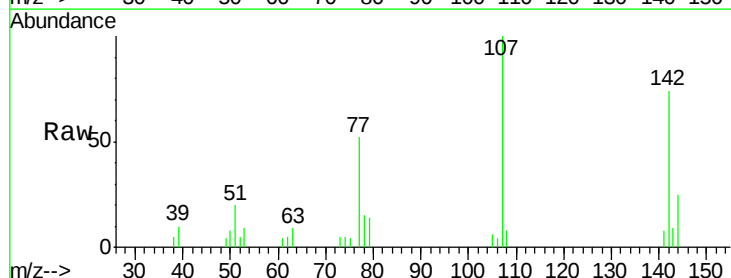


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

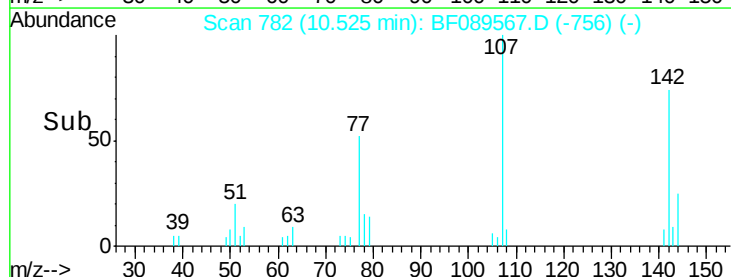
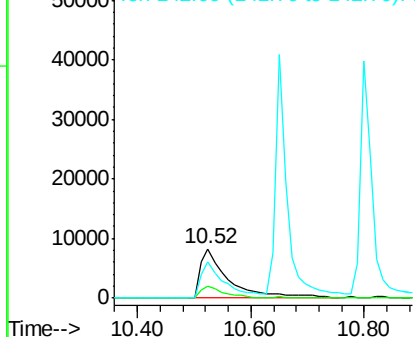


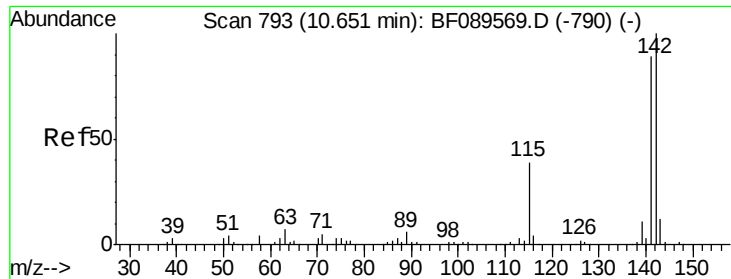
#36
 4-Chloro-3-methylphenol
 Concen: 10.19 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:107 Resp: 27627
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.9 29.9
 142 74.2 63.0 94.6



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

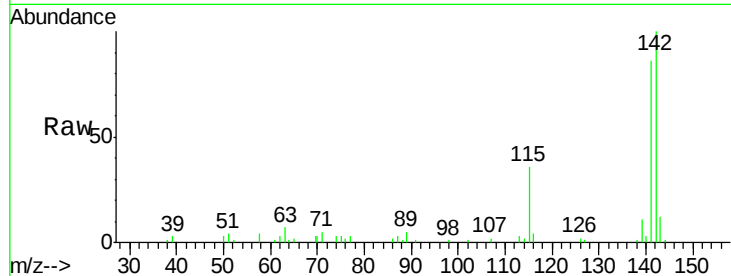




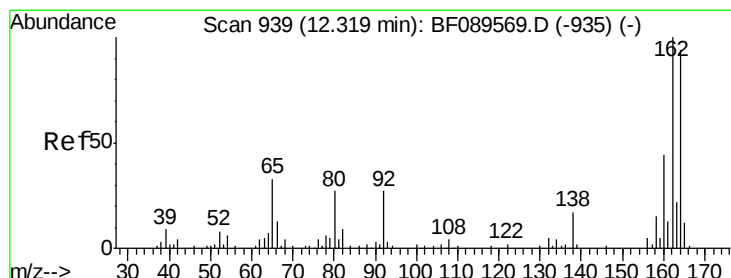
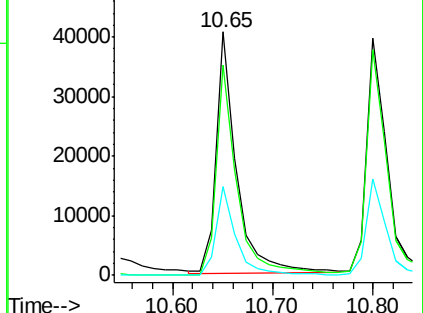
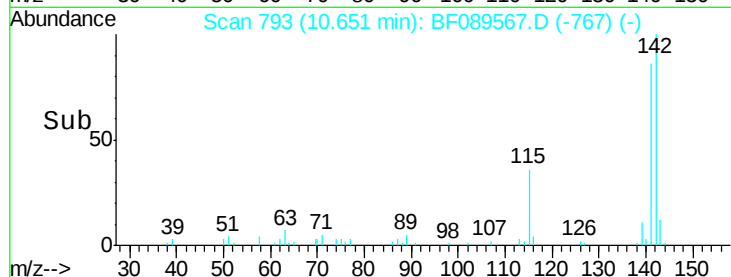
#37
 2-Methylnaphthalene
 Concen: 10.14 ng
 RT: 10.65 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 57734
 Ion Ratio Lower Upper
 142 100
 141 86.4 70.9 106.3
 115 36.3 30.7 46.1

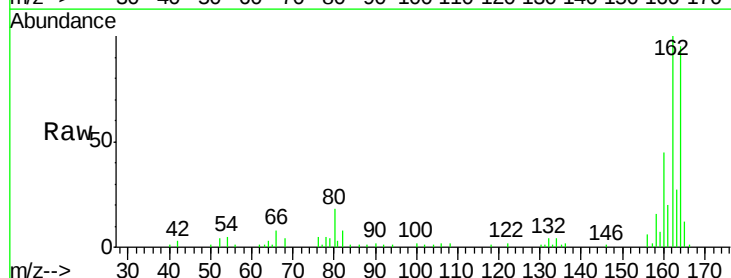


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

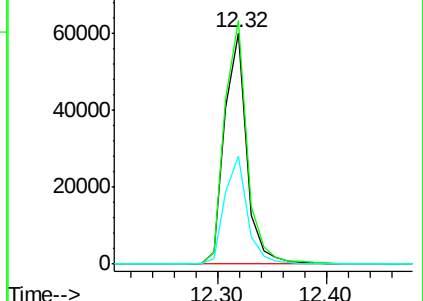
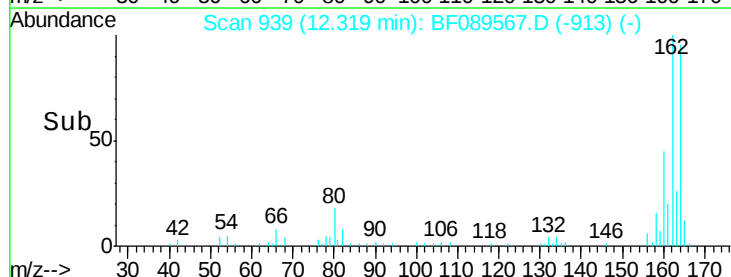


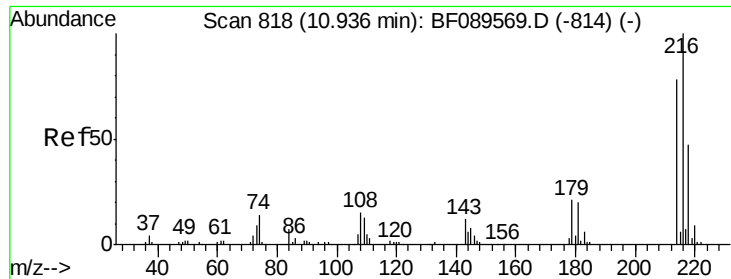
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:164 Resp: 84748
 Ion Ratio Lower Upper
 164 100
 162 105.4 85.4 128.2
 160 46.9 37.3 55.9



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

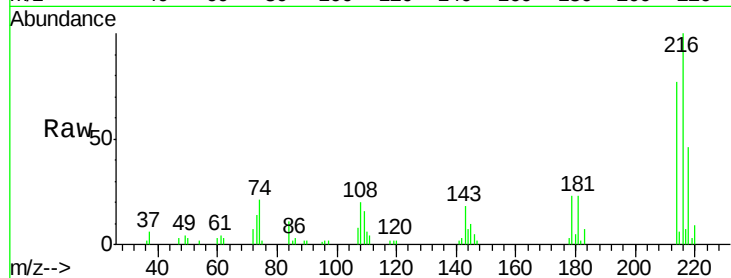




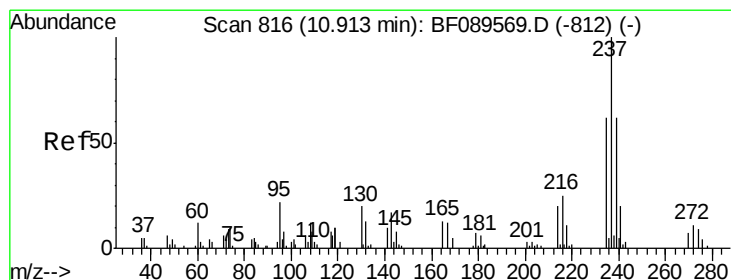
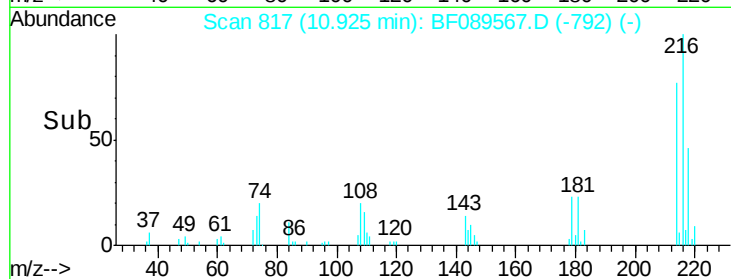
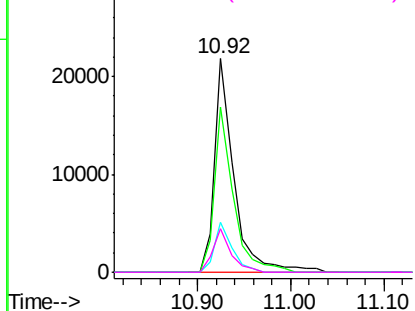
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.79 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	31271
Ion Ratio	Lower	Upper
216	100	
214	75.7	62.5 93.7
179	21.4	18.0 27.0
108	18.9	16.2 24.4

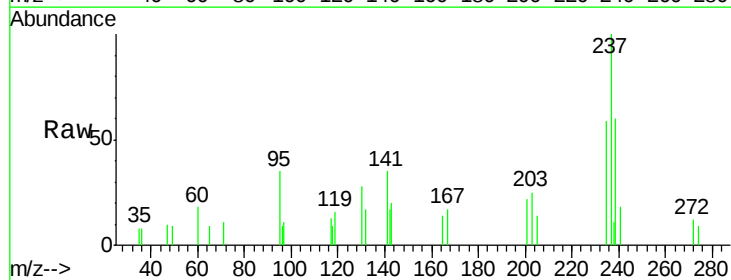


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

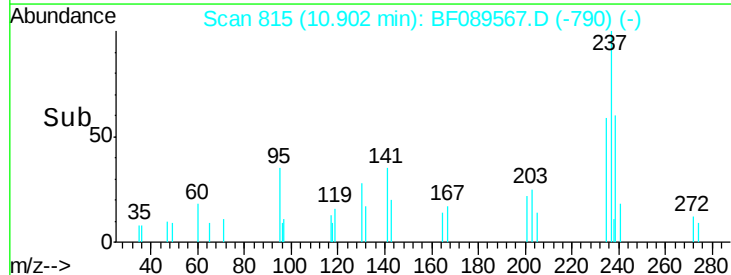
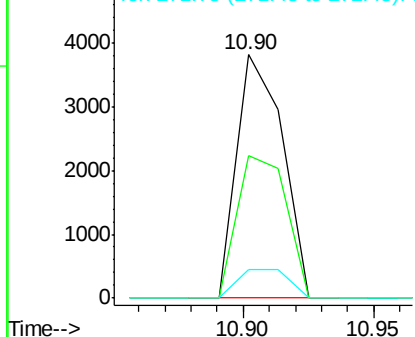


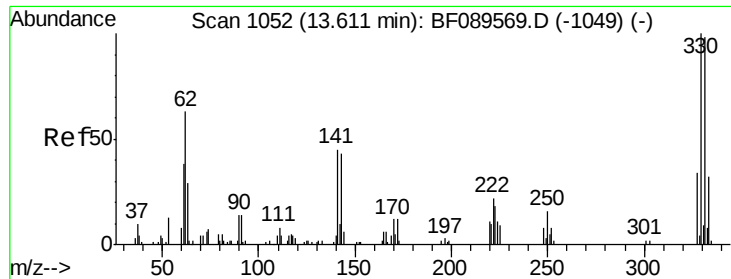
#40
 Hexachlorocyclopentadiene
 Concen: 11.14 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:237	Resp:	4644
Ion Ratio	Lower	Upper
237	100	
235	58.5	41.5 81.5
272	11.7	0.0 31.4



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

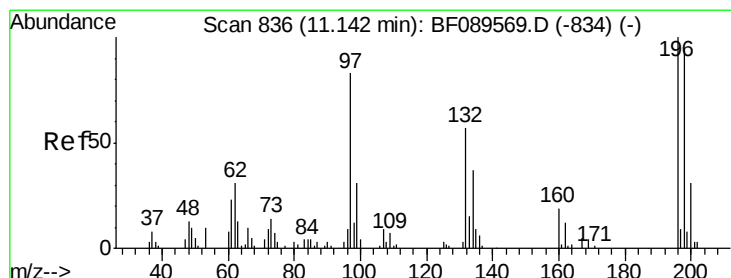
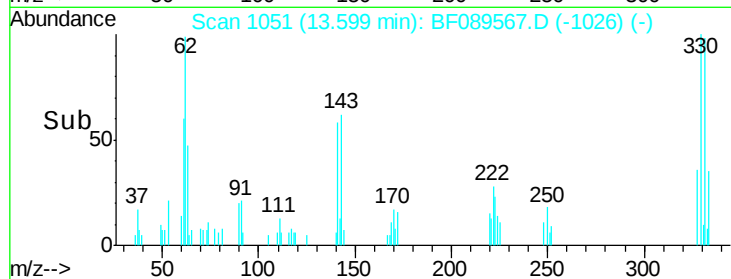
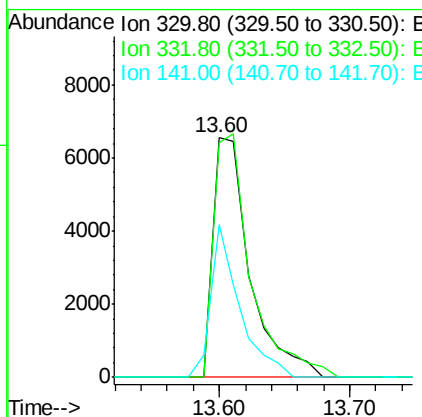
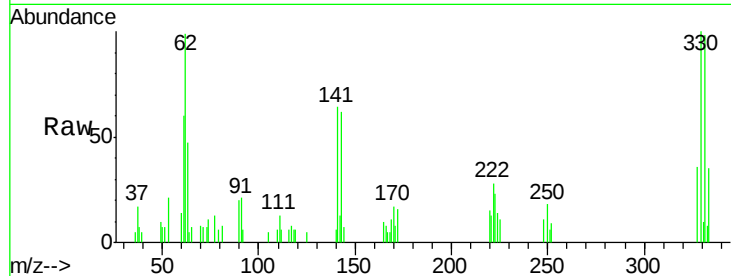




#41
 2,4,6-Tribromophenol
 Concen: 19.30 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

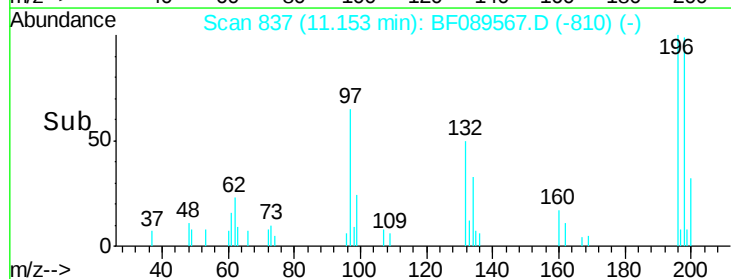
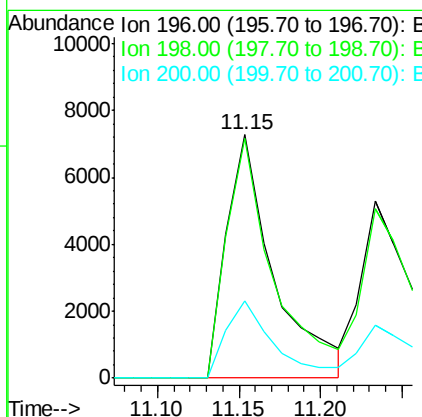
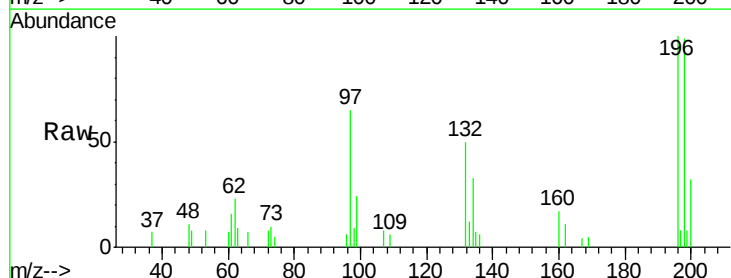
Instrument :
 BNA_F
 ClientSampled :

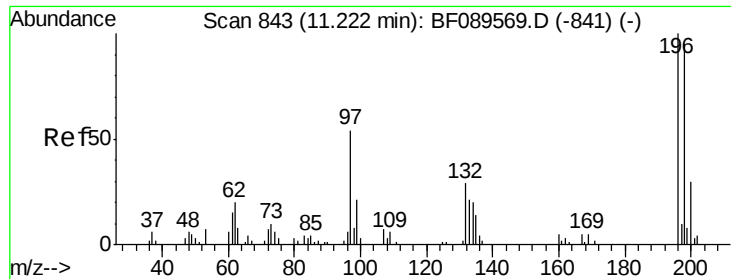
Tot Ion:330 Resp: 12992
 Ion Ratio Lower Upper
 330 100
 332 102.3 76.7 115.1
 141 49.5 40.3 60.5



#42
 2,4,6-Trichlorophenol
 Concen: 9.36 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:196 Resp: 14615
 Ion Ratio Lower Upper
 196 100
 198 98.6 75.5 113.3
 200 31.9 24.9 37.3

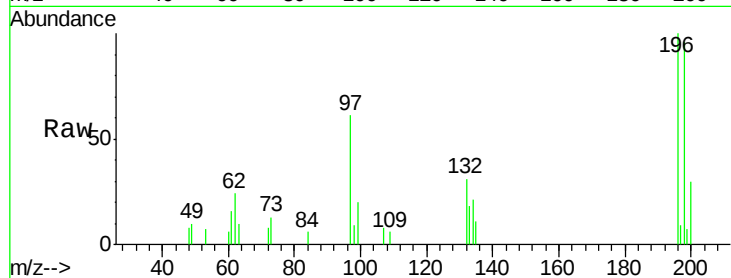




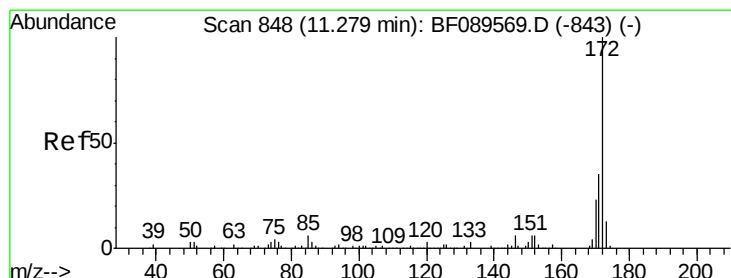
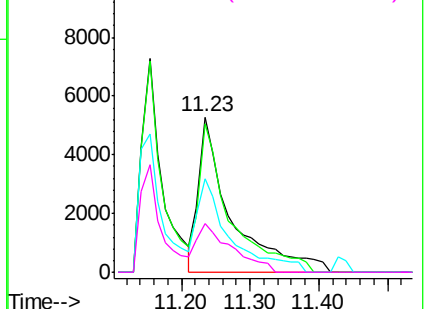
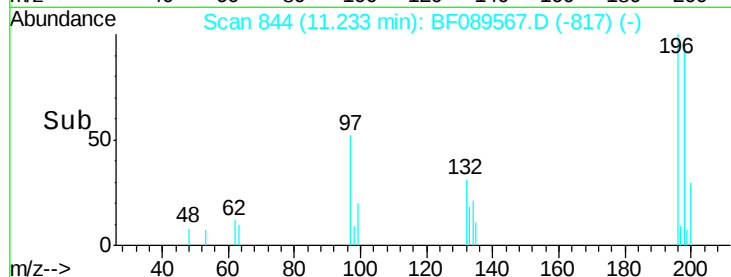
#43
 2,4,5-Trichlorophenol
 Concen: 10.44 ng
 RT: 11.23 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 17425
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.9 113.9
 97 60.6 43.9 65.9
 132 31.2 24.5 36.7

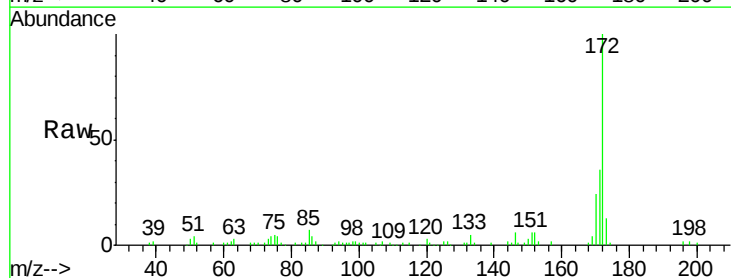


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

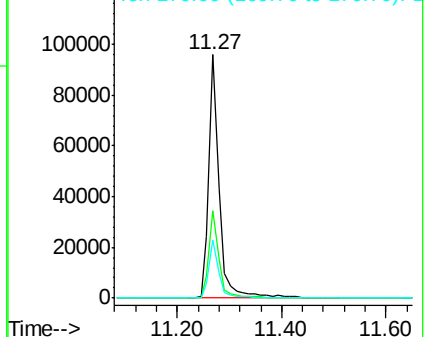
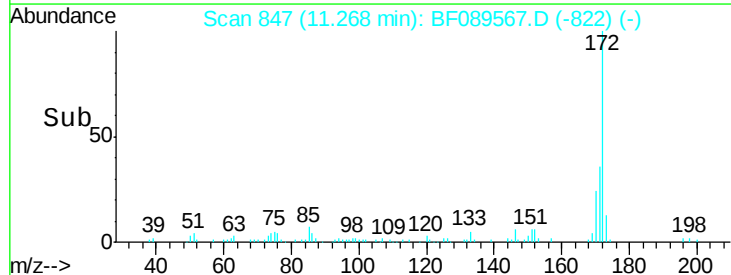


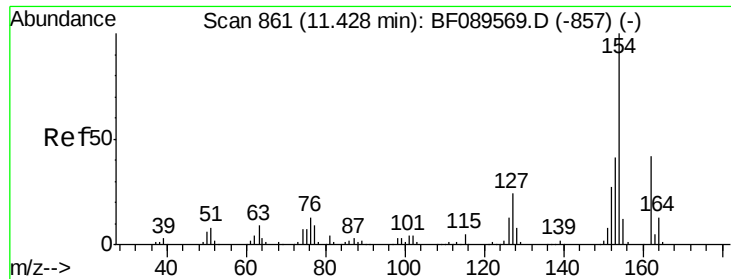
#44
 2-Fluorobiphenyl
 Concen: 20.38 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:172 Resp: 133018
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.1 42.1
 170 23.6 18.6 28.0



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: 10.21 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

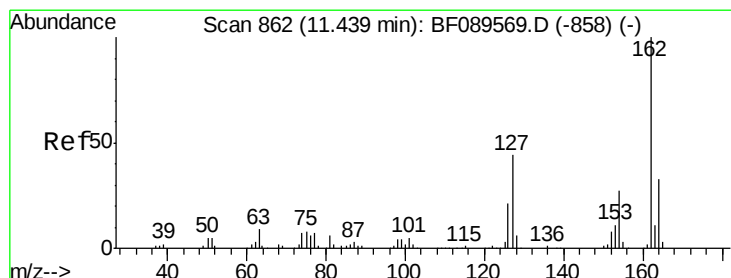
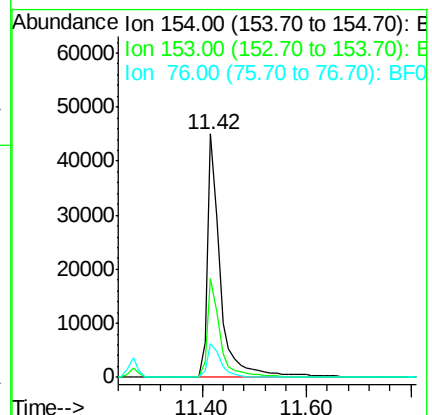
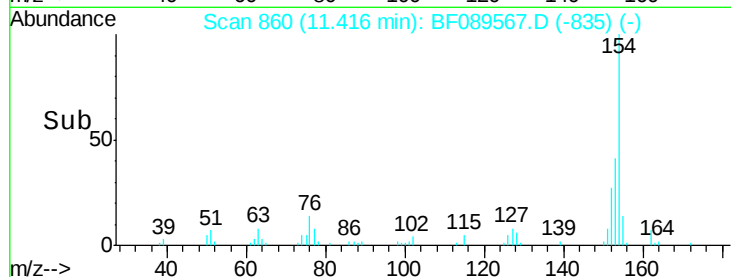
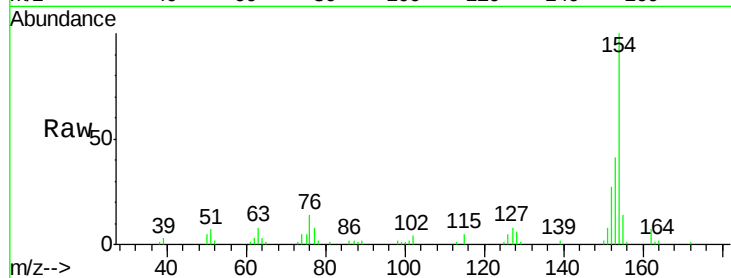
Tot Ion:154 Resp: 78154

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

76 13.8 0.0 33.3



#46

2-Chloronaphthalene

Concen: 10.19 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

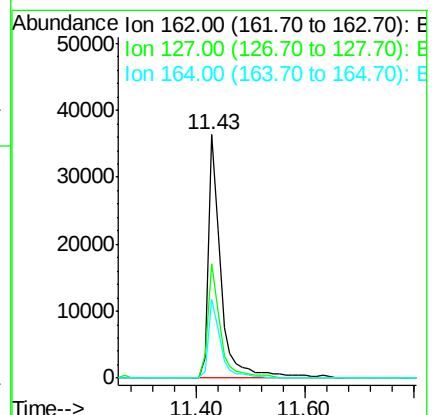
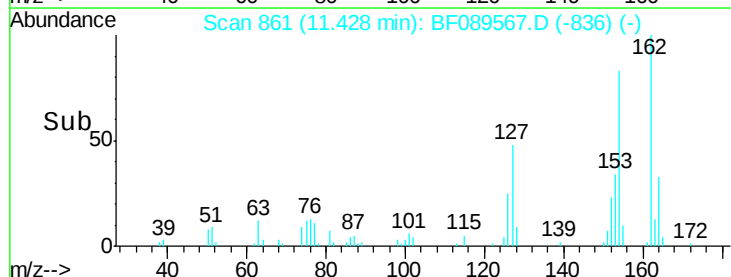
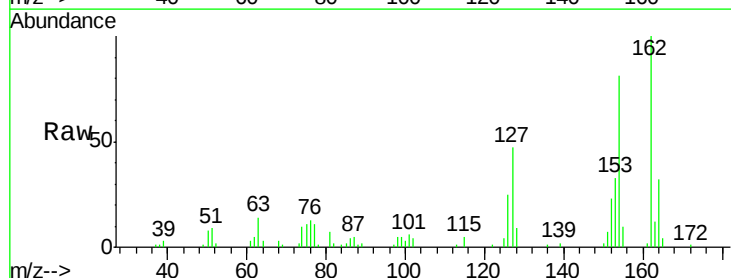
Tgt Ion:162 Resp: 58431

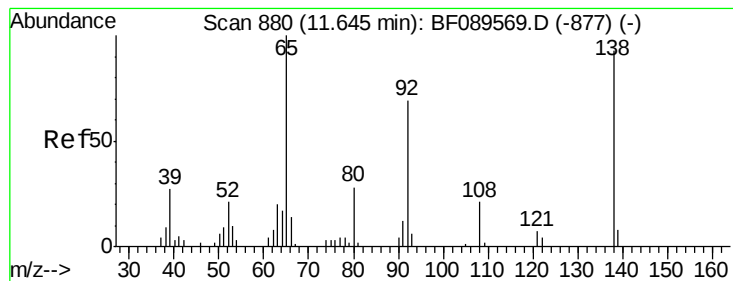
Ion Ratio Lower Upper

162 100

127 47.1 35.0 52.4

164 32.0 26.2 39.2





#47

2-Nitroaniline

Concen: 9.25 ng

RT: 11.66 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

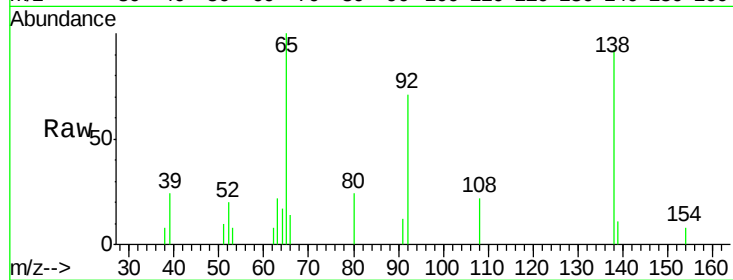
Tot Ion: 65 Resp: 16821

Ion Ratio Lower Upper

65 100

92 71.1 54.9 82.3

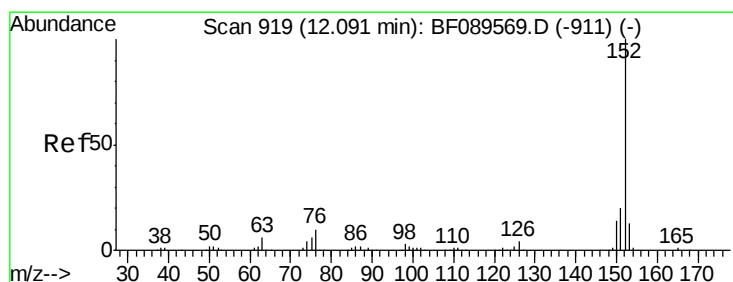
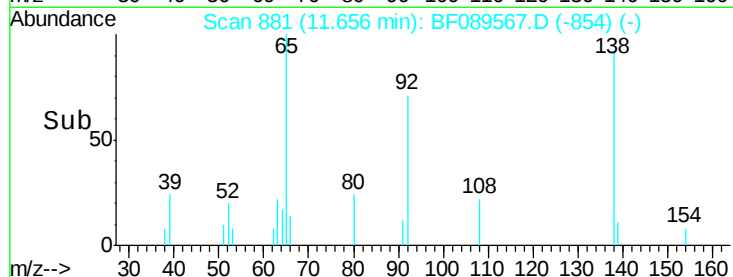
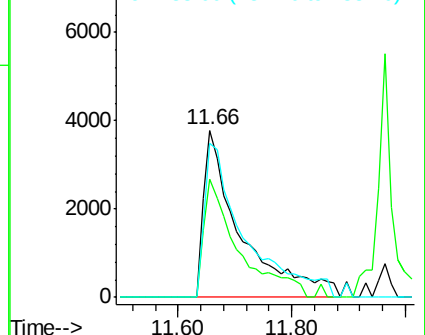
138 92.1 74.0 111.0



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 10.21 ng

RT: 12.08 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

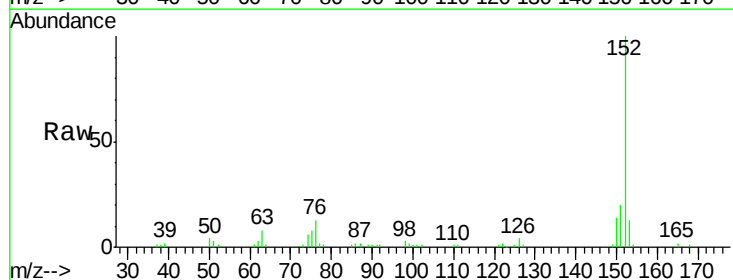
Tgt Ion: 152 Resp: 96538

Ion Ratio Lower Upper

152 100

151 19.7 16.3 24.5

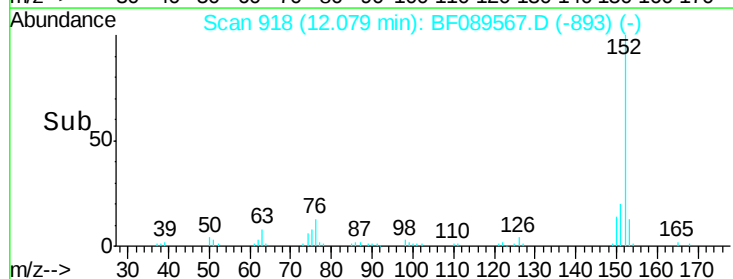
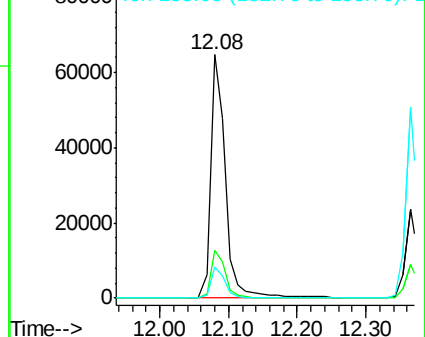
153 12.8 10.6 15.8

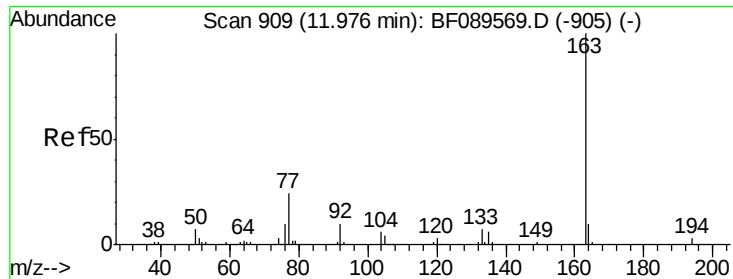


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

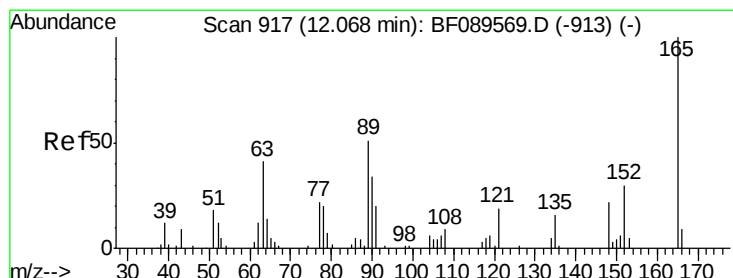
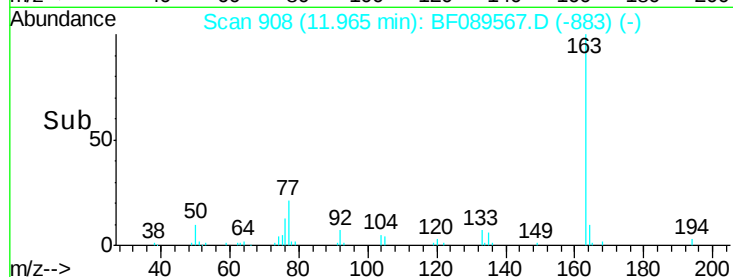
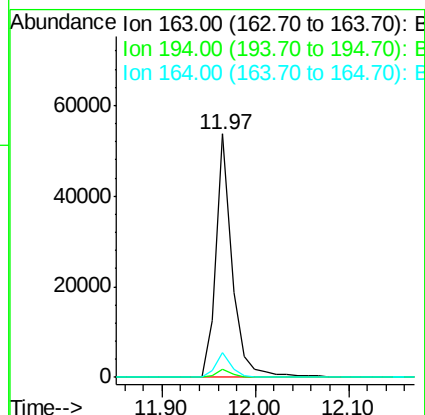
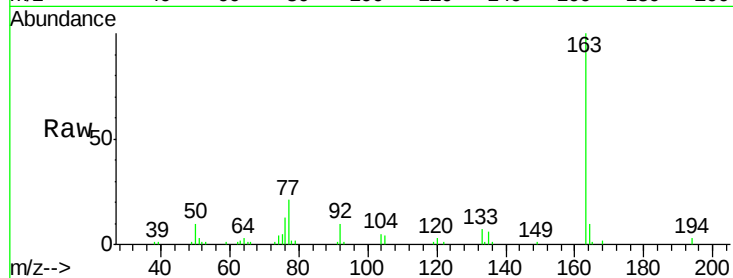




#49
Dimethylphthalate
Concen: 10.03 ng
RT: 11.97 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

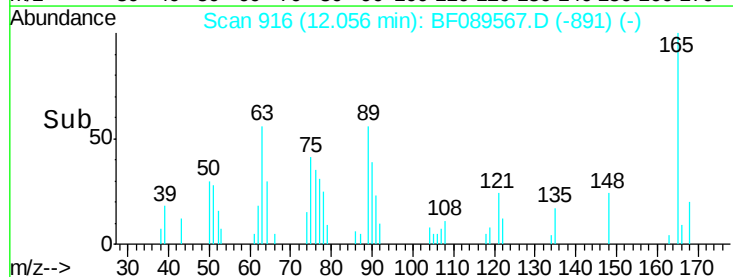
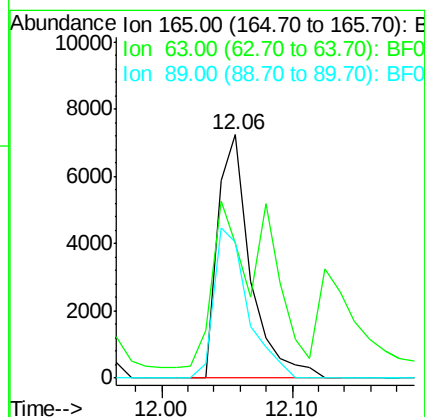
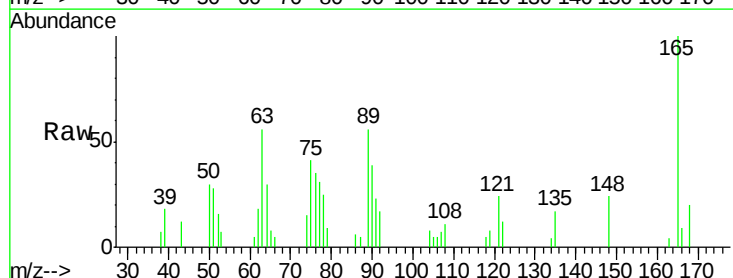
Instrument :
BNA_F
ClientSampleId :

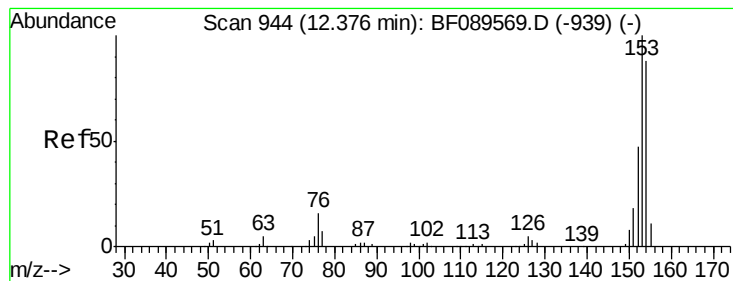
Tot Ion:163 Resp: 65100
Ion Ratio Lower Upper
163 100
194 3.3 2.4 3.6
164 10.4 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 9.76 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:165 Resp: 12676
Ion Ratio Lower Upper
165 100
63 55.6 40.2 60.4
89 55.9 40.6 61.0





#51

Acenaphthene

Concen: 10.27 ng

RT: 12.37 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

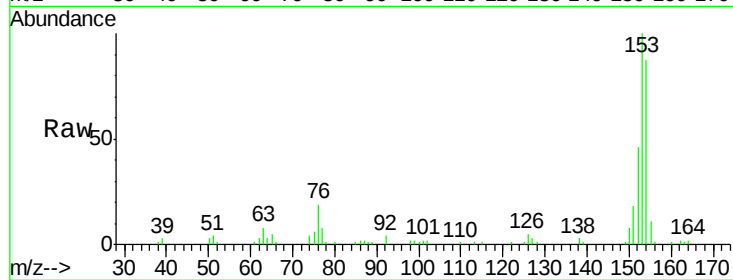
Tot Ion:154 Resp: 56297

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

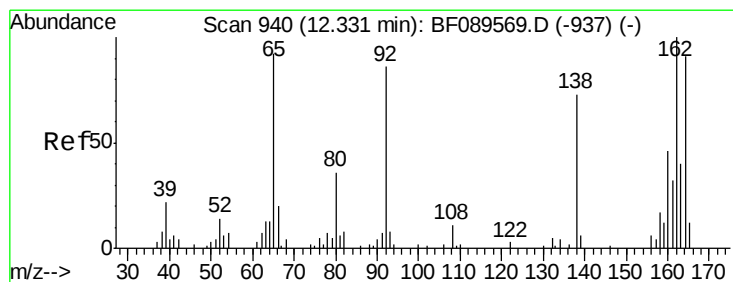
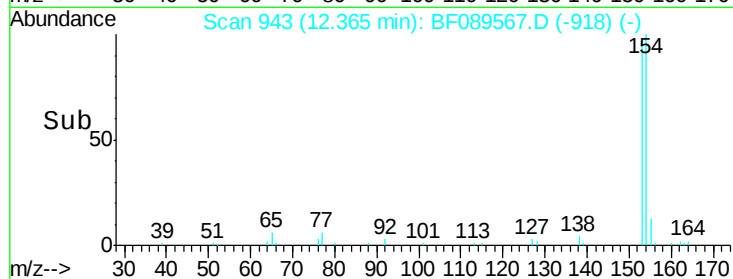
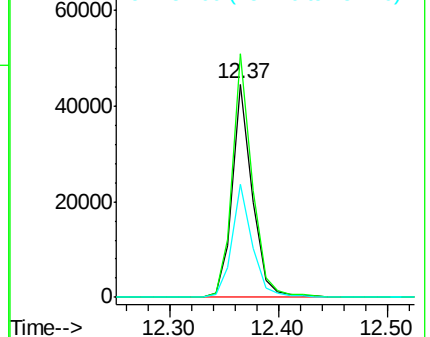
152 53.1 43.1 64.7



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: 9.11 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

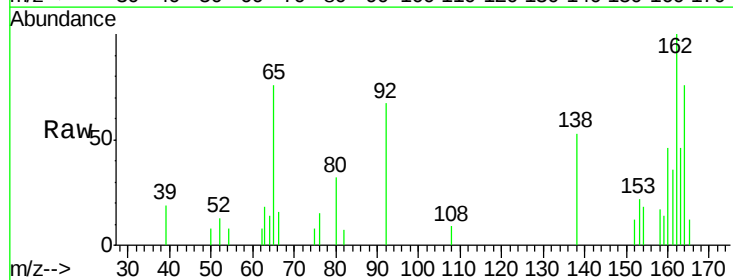
Tgt Ion:138 Resp: 13946

Ion Ratio Lower Upper

138 100

108 17.3 11.6 17.4

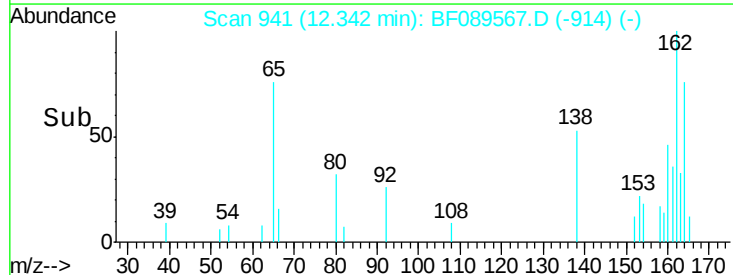
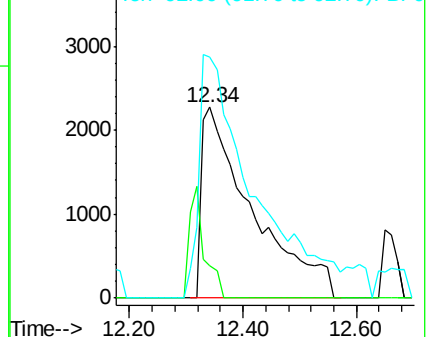
92 126.4 94.6 141.8

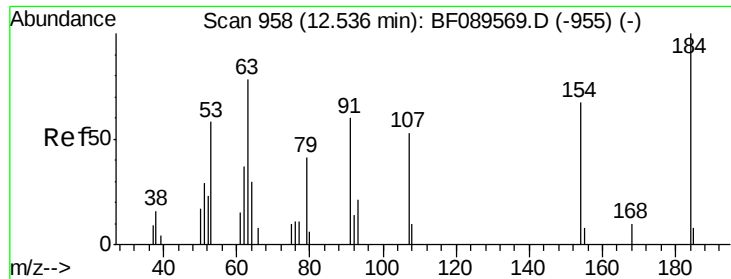


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

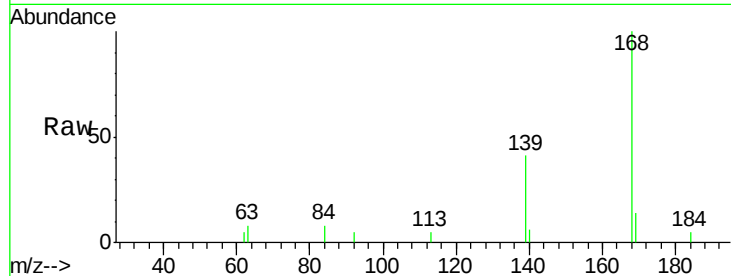




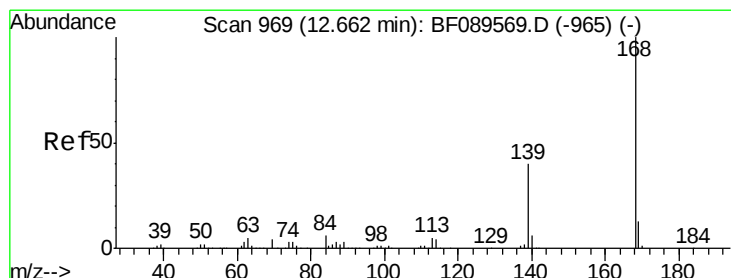
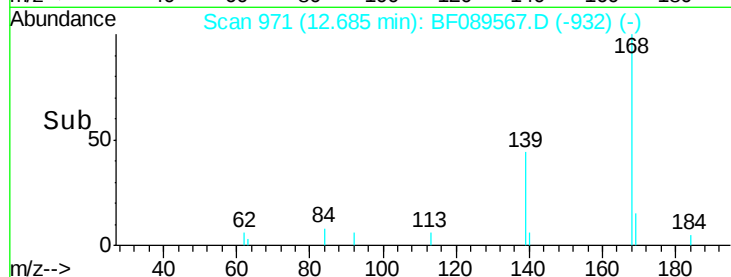
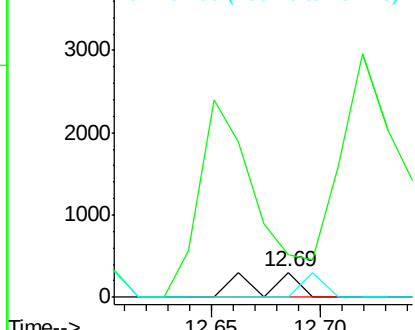
#53
 2,4-Dinitrophenol
 Concen: 11.95 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.15 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 417
 Ion Ratio Lower Upper
 184 100
 63 168.9 69.5 104.3#
 154 0.0 61.8 92.6#

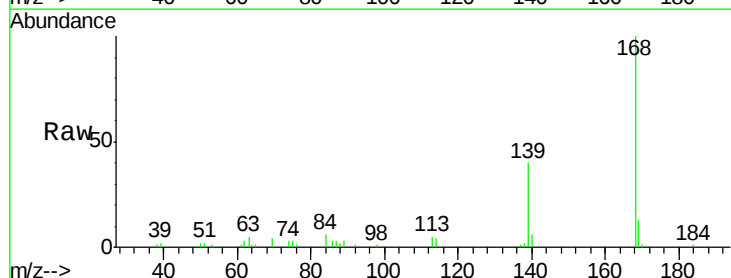


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

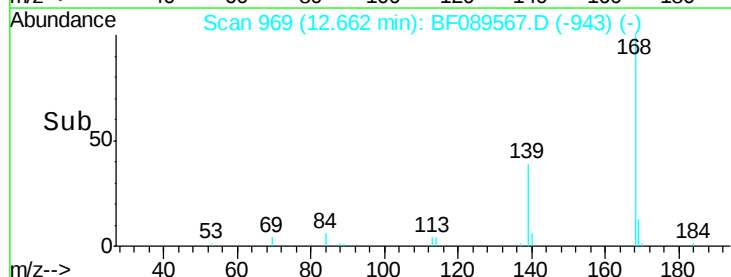
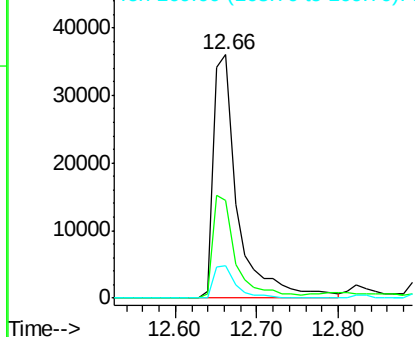


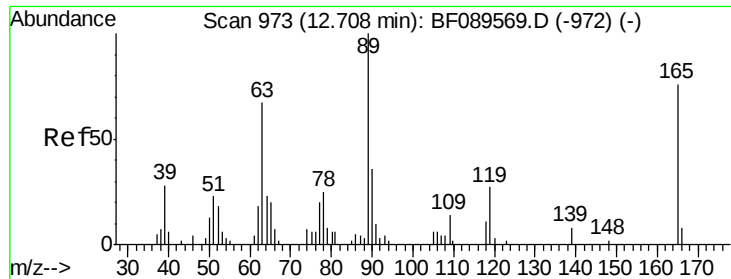
#54
 Dibenzofuran
 Concen: 10.03 ng
 RT: 12.66 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:168 Resp: 74840
 Ion Ratio Lower Upper
 168 100
 139 40.2 31.8 47.8
 169 13.4 10.6 16.0



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

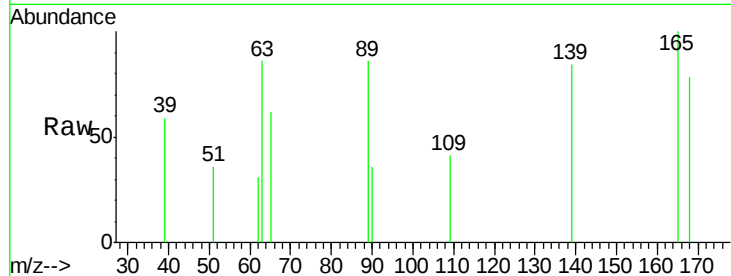




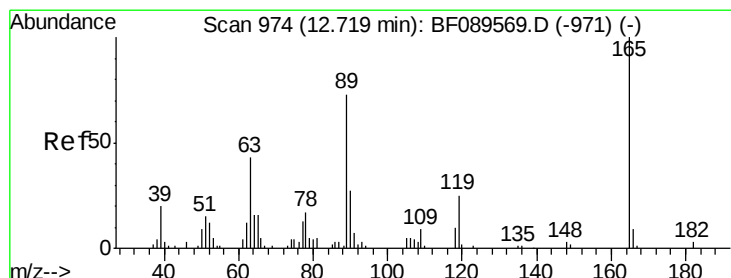
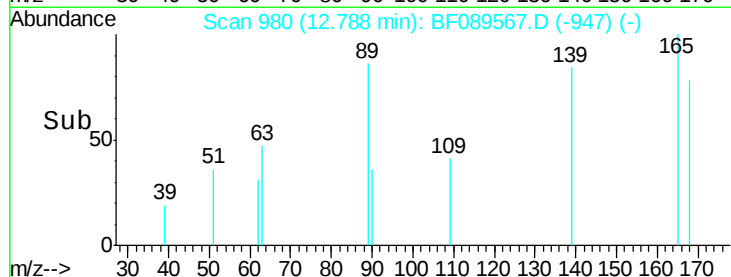
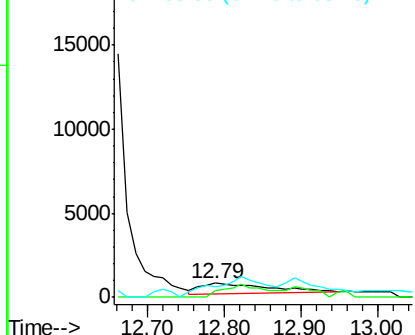
#55
4-Nitrophenol
Concen: 4.77 ng
RT: 12.79 min Scan# 980
Delta R.T. 0.08 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 3999
Ion Ratio Lower Upper
139 100
109 48.2 35.2 75.2
65 73.2 66.4 106.4

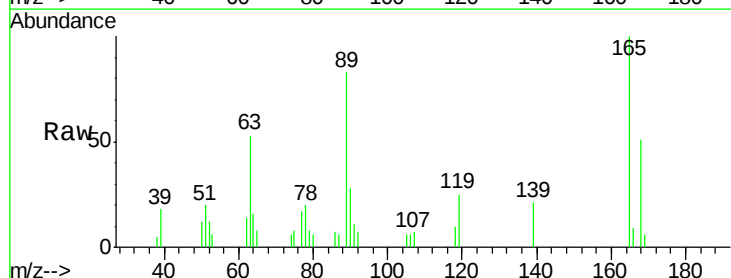


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

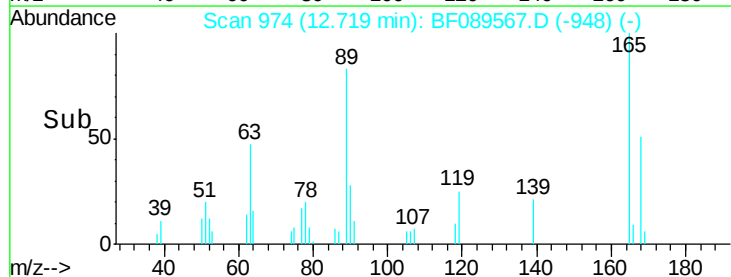
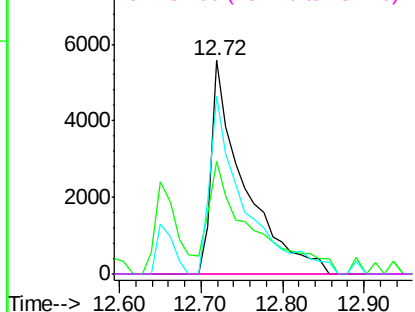


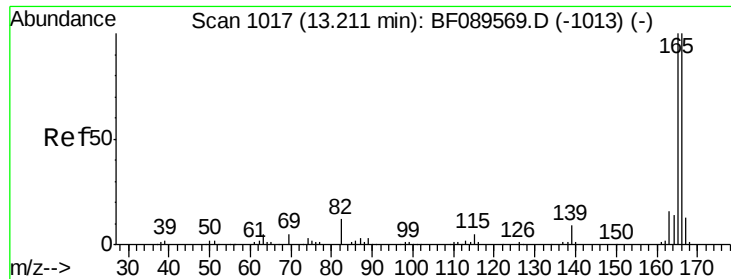
#56
2,4-Dinitrotoluene
Concen: 9.01 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:165 Resp: 15732
Ion Ratio Lower Upper
165 100
63 53.0 38.2 57.2
89 83.4 59.8 89.6
182 0.0 2.0 3.0#



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





#57

Fluorene

Concen: 10.24 ng

RT: 13.21 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

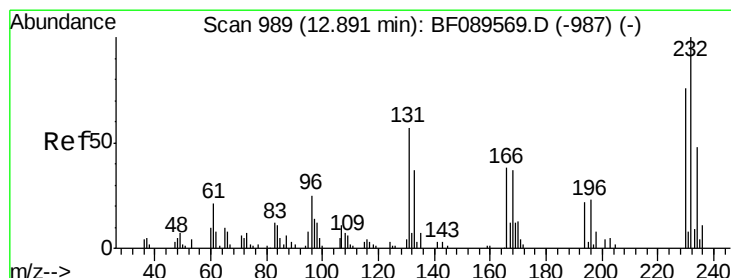
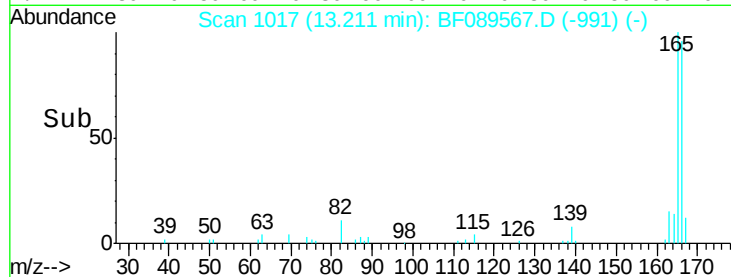
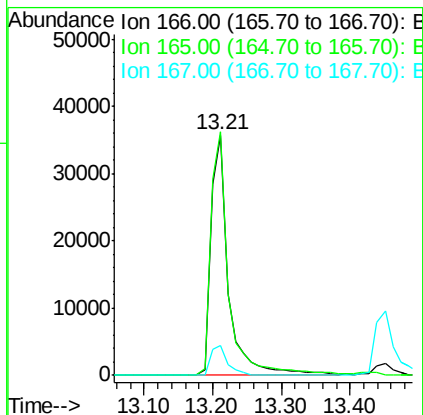
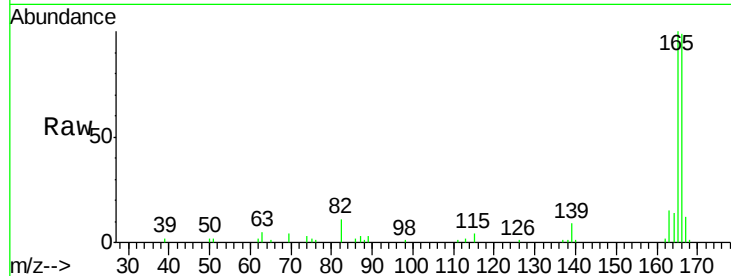
Tot Ion:166 Resp: 64938

Ion Ratio Lower Upper

166 100

165 101.4 80.2 120.2

167 12.6 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 10.12 ng

RT: 12.89 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Tgt Ion:232 Resp: 11923

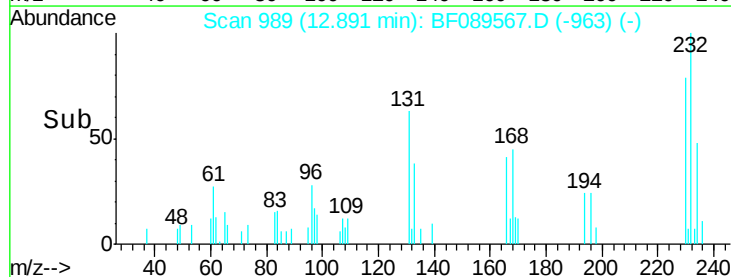
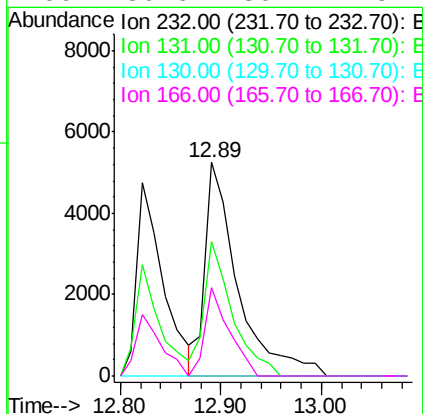
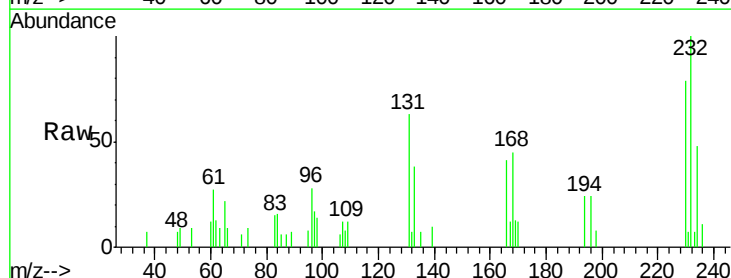
Ion Ratio Lower Upper

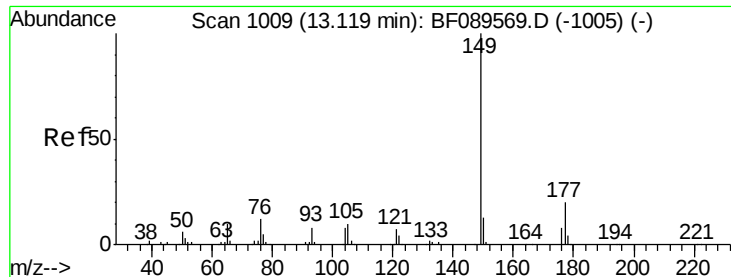
232 100

131 54.3 47.9 71.9

130 0.0 1.7 2.5#

166 30.6 30.2 45.2

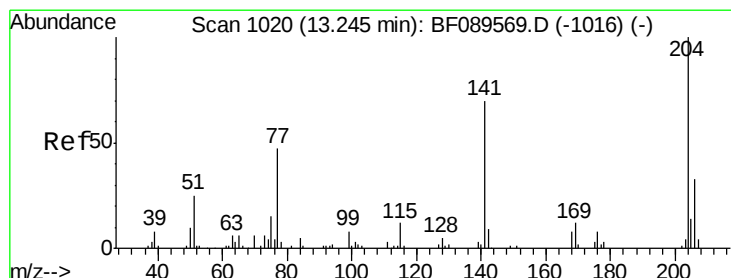
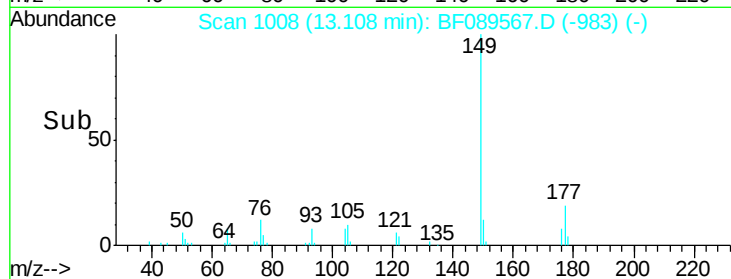
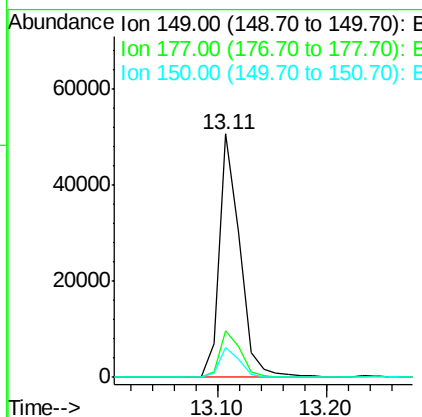
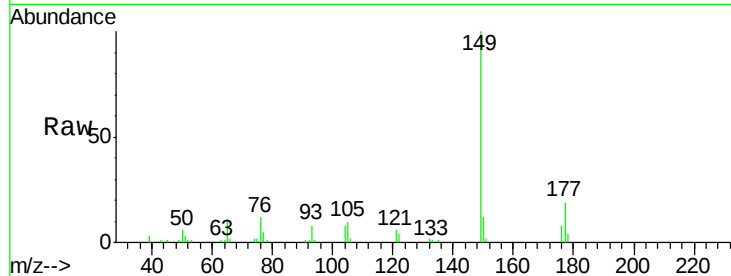




#59
Diethylphthalate
Concen: 10.18 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

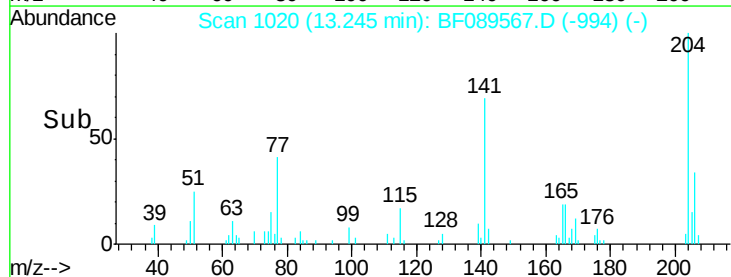
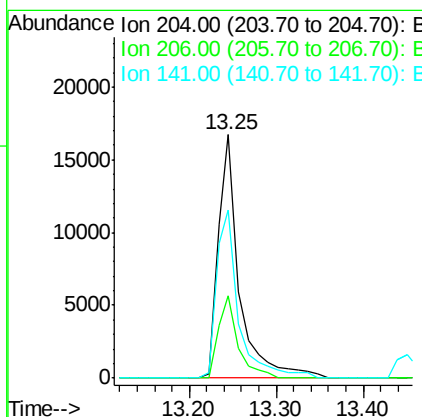
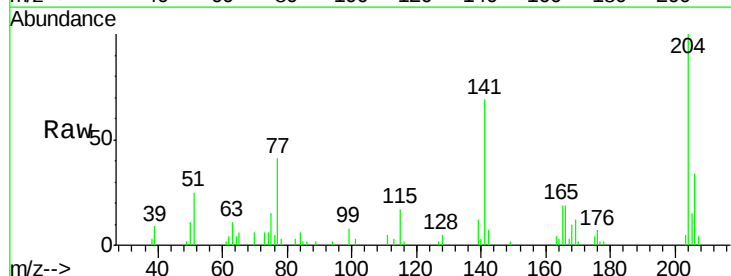
Instrument :
BNA_F
ClientSampleId :

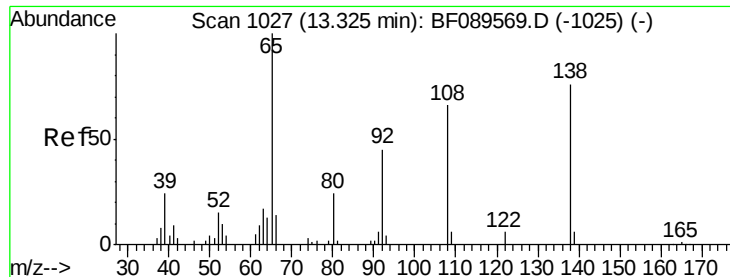
Tot Ion:149 Resp: 66950
Ion Ratio Lower Upper
149 100
177 19.0 15.8 23.8
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 9.99 ng
RT: 13.25 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:204 Resp: 28477
Ion Ratio Lower Upper
204 100
206 34.0 26.2 39.2
141 68.9 56.3 84.5

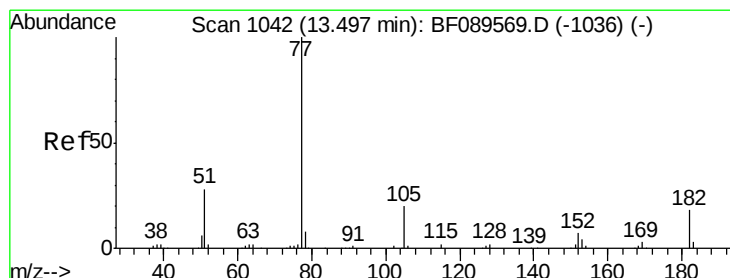
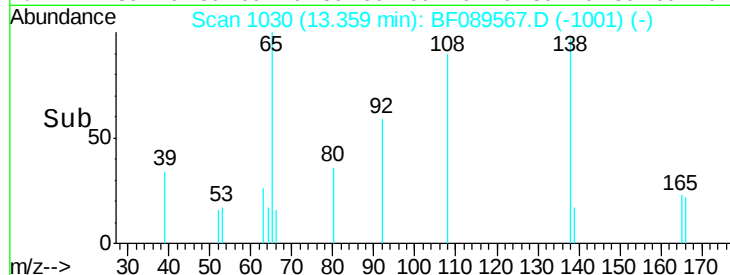
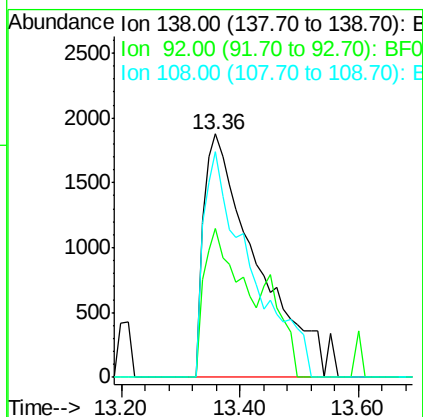
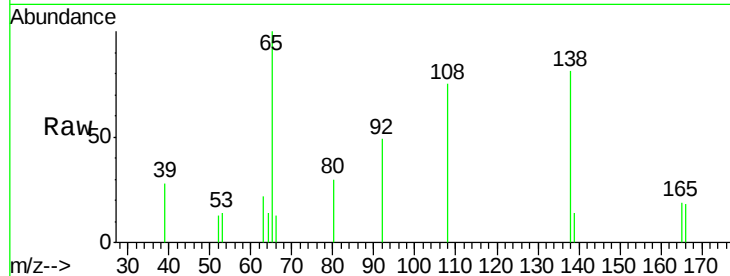




#61
4-Nitroaniline
Concen: 8.80 ng
RT: 13.36 min Scan# 1030
Delta R.T. 0.03 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

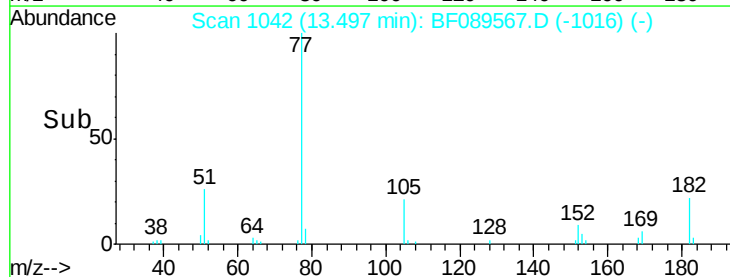
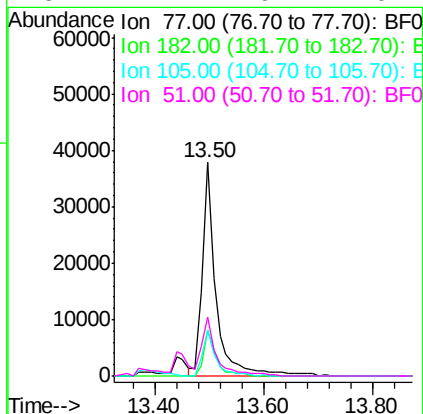
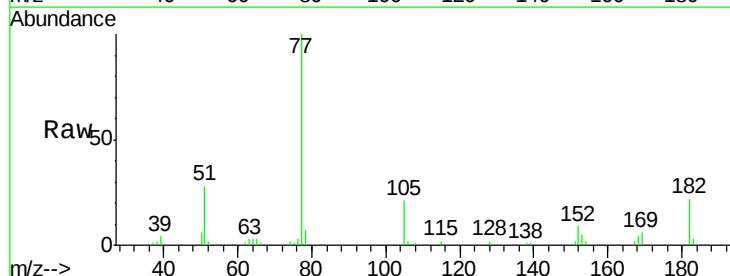
Instrument :
BNA_F
ClientSampled :

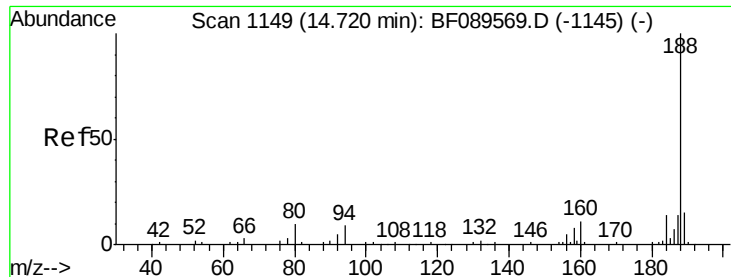
Tot Ion:138 Resp: 11810
Ion Ratio Lower Upper
138 100
92 61.0 39.5 79.5
108 92.6 66.4 106.4



#62
Azobenzene
Concen: 9.71 ng
RT: 13.50 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion: 77 Resp: 65479
Ion Ratio Lower Upper
77 100
182 21.6 0.0 38.0
105 21.4 0.6 40.6
51 27.7 9.1 49.1

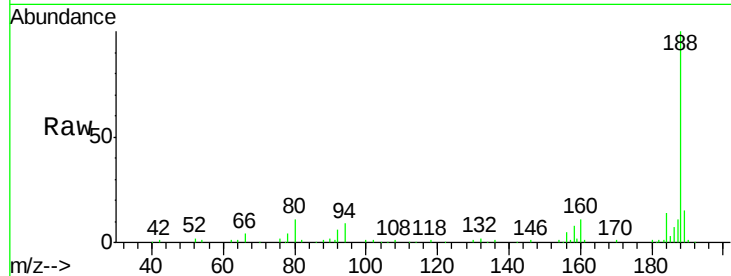




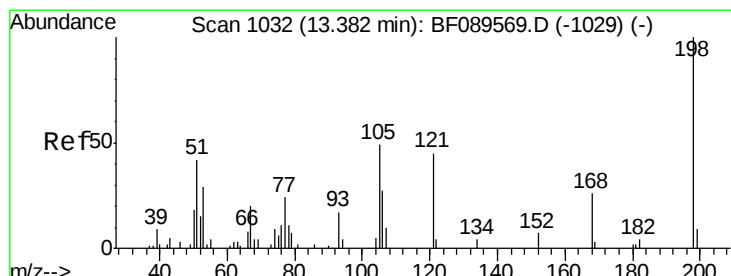
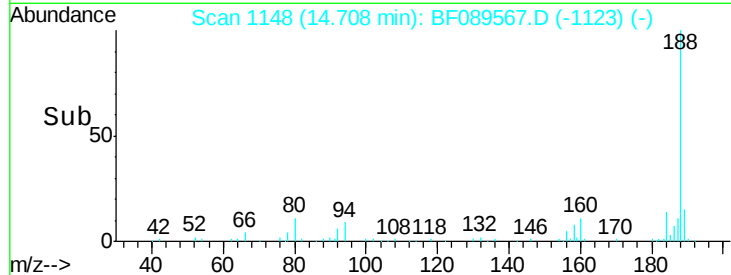
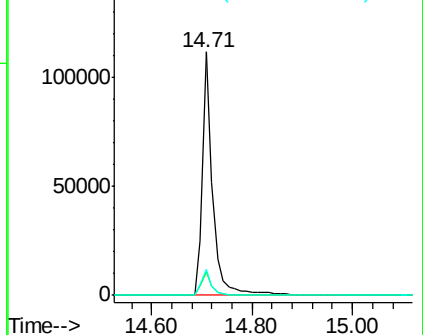
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 160662
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.0 10.4
 80 10.9 7.7 11.5

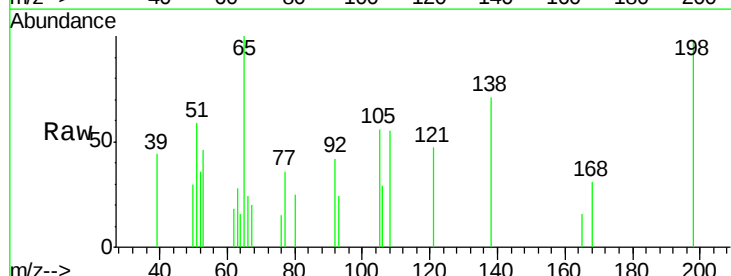


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

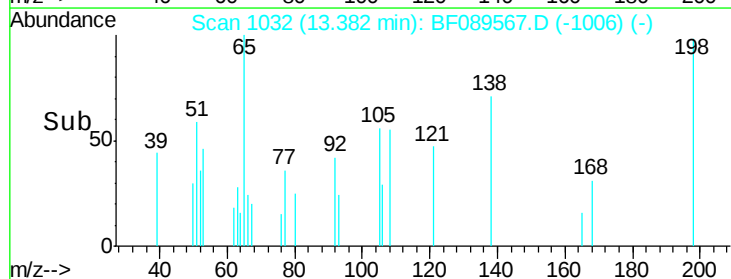
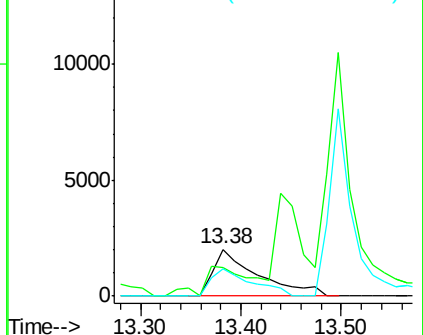


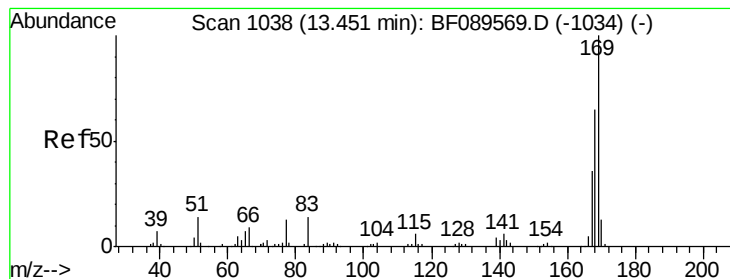
#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.69 ng
 RT: 13.38 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:198 Resp: 6117
 Ion Ratio Lower Upper
 198 100
 51 60.7 26.0 66.0
 105 57.7 29.1 69.1



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 9.91 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

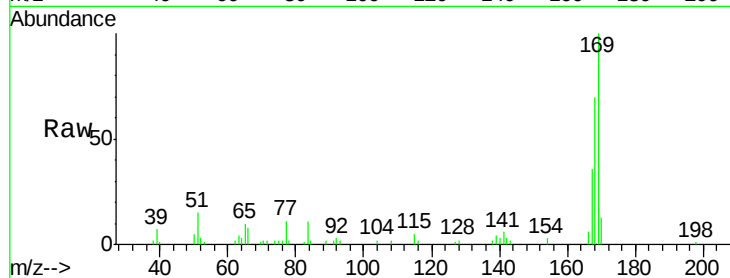
Tot Ion:169 Resp: 54241

Ion Ratio Lower Upper

169 100

168 69.6 53.0 79.4

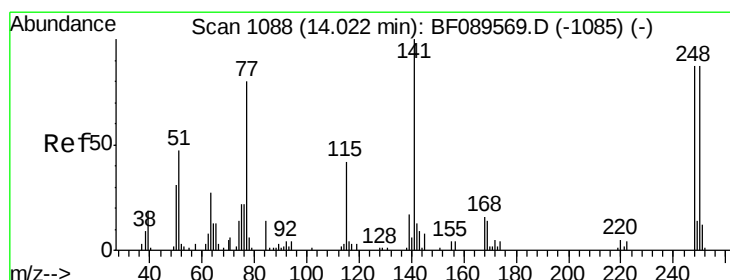
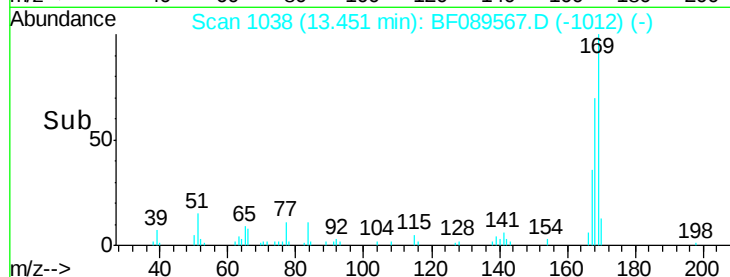
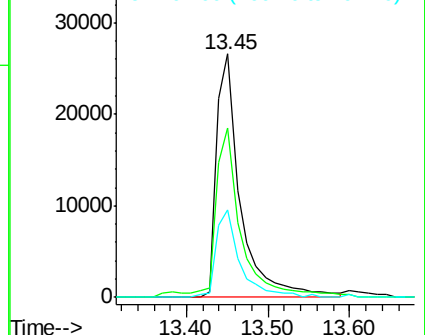
167 35.9 29.1 43.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 9.48 ng

RT: 14.02 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

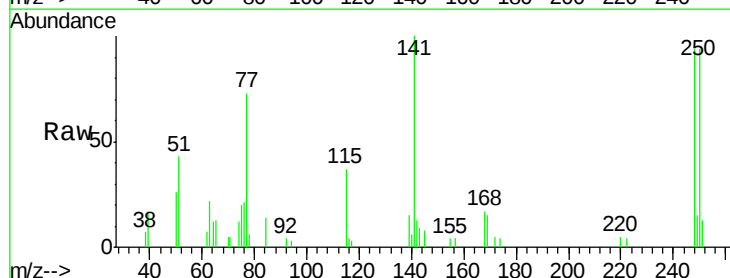
Tgt Ion:248 Resp: 14886

Ion Ratio Lower Upper

248 100

250 100.0 79.8 119.6

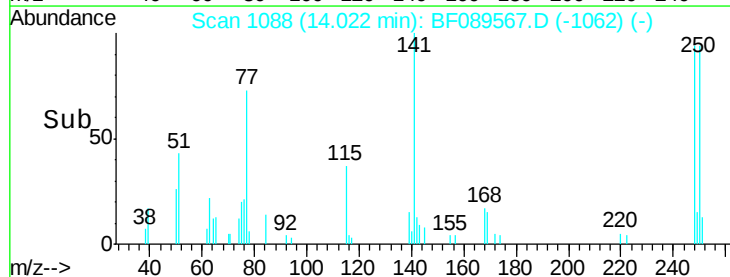
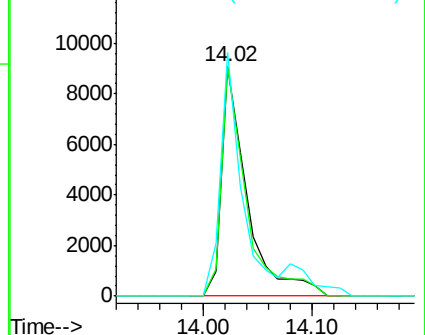
141 106.1 91.5 137.3

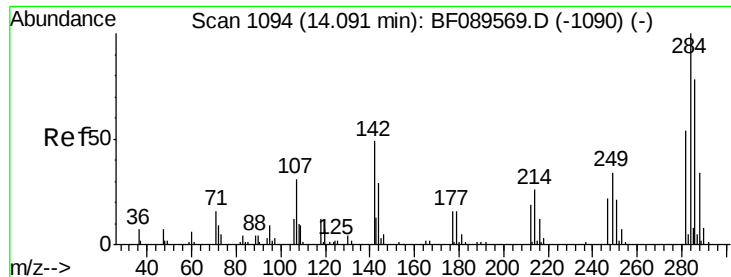


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

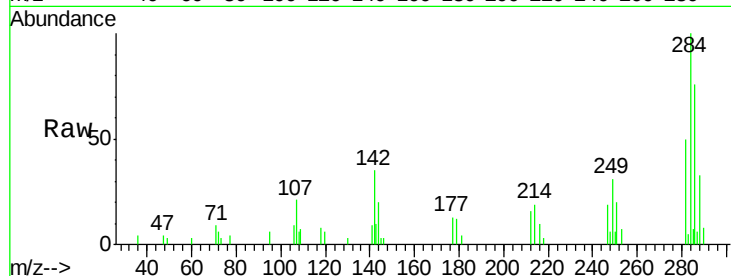




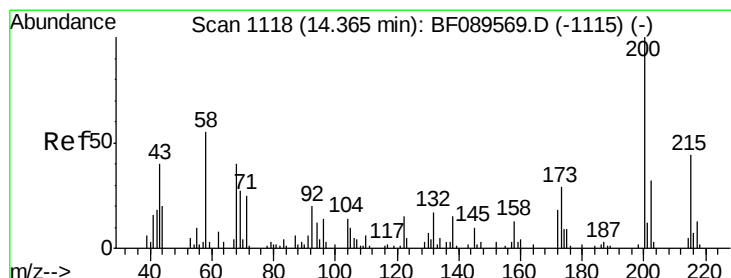
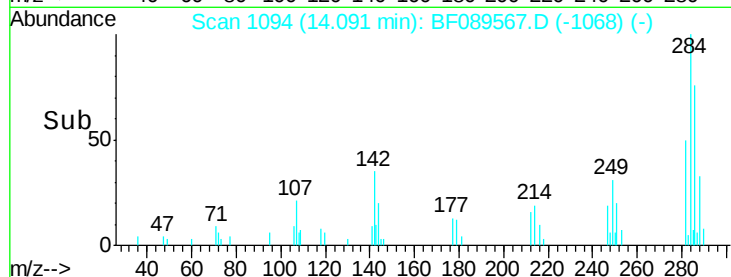
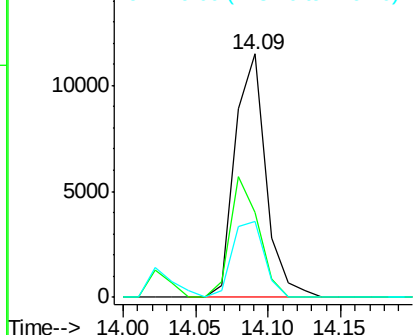
#67
Hexachlorobenzene
Concen: 10.01 ng
RT: 14.09 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 16987
Ion Ratio Lower Upper
284 100
142 35.1 40.2 60.4#
249 31.0 28.9 43.3

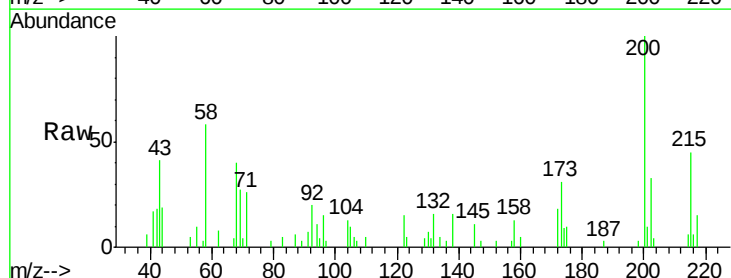


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

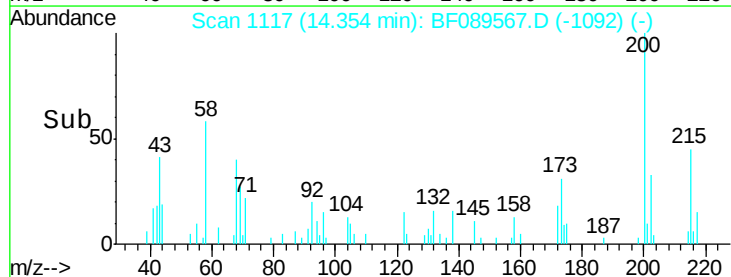
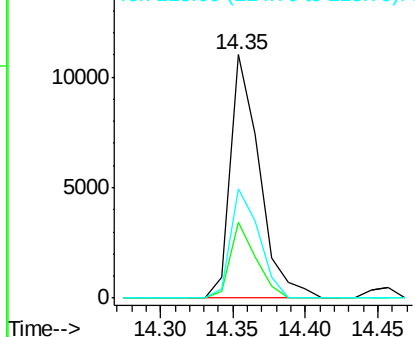


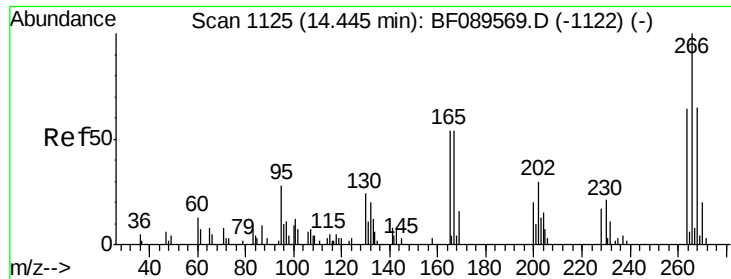
#68
Atrazine
Concen: 10.83 ng
RT: 14.35 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:200 Resp: 15342
Ion Ratio Lower Upper
200 100
173 31.4 9.1 49.1
215 44.9 23.6 63.6



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

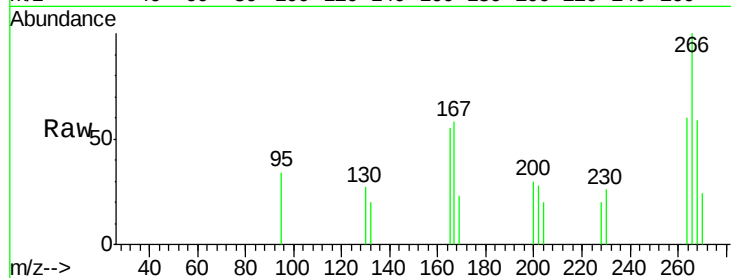




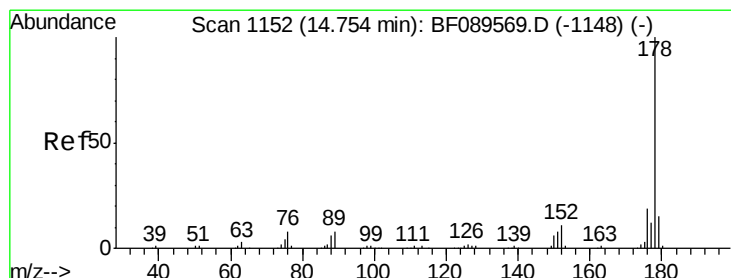
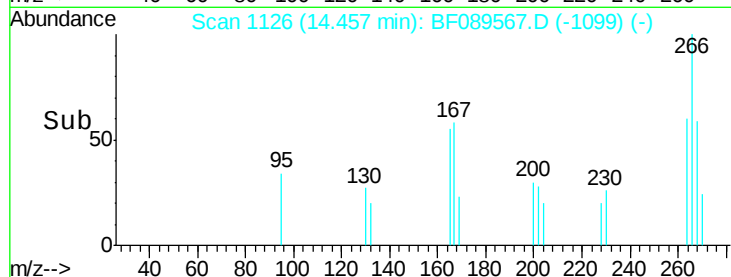
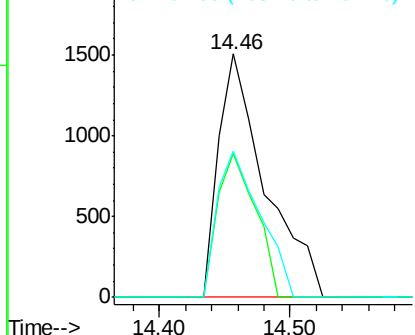
#69
 Pentachlorophenol
 Concen: 9.13 ng
 RT: 14.46 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 3762
 Ion Ratio Lower Upper
 266 100
 268 59.3 51.8 77.6
 264 60.1 51.2 76.8

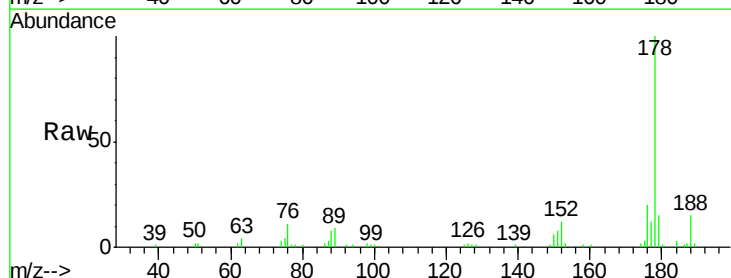


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

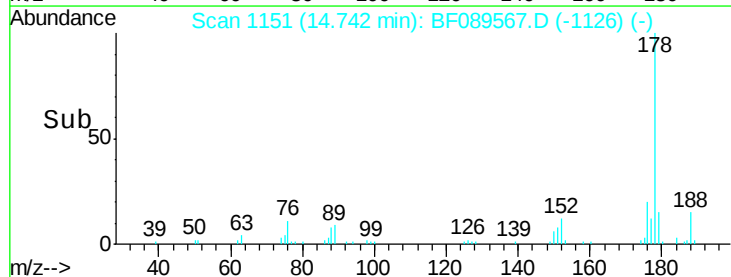
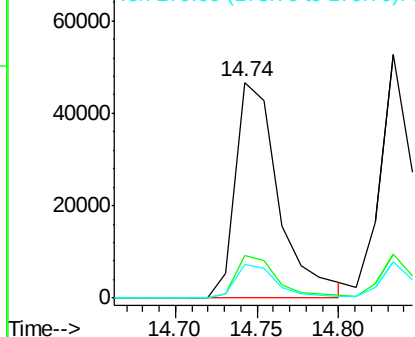


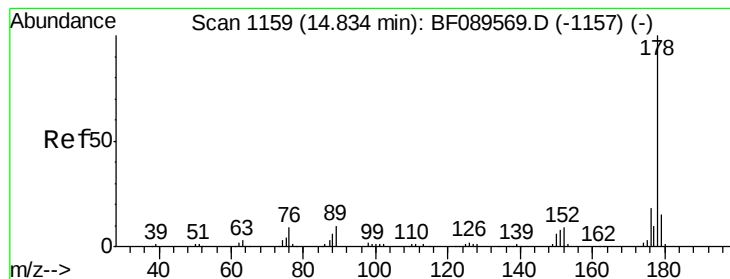
#70
 Phenanthrene
 Concen: 10.03 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:178 Resp: 86065
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.2 22.8
 179 15.5 12.2 18.4



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





#71

Anthracene

Concen: 10.06 ng

RT: 14.83 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

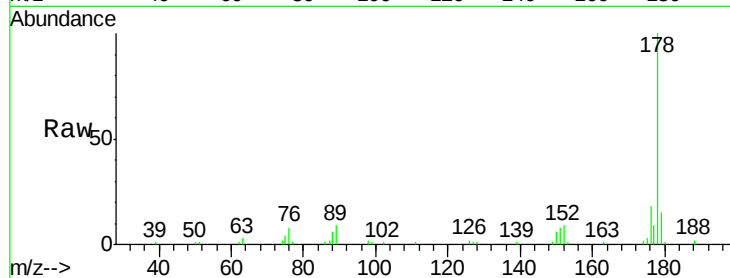
Tot Ion:178 Resp: 94362

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

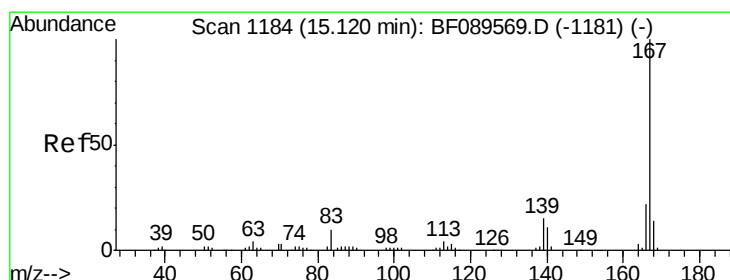
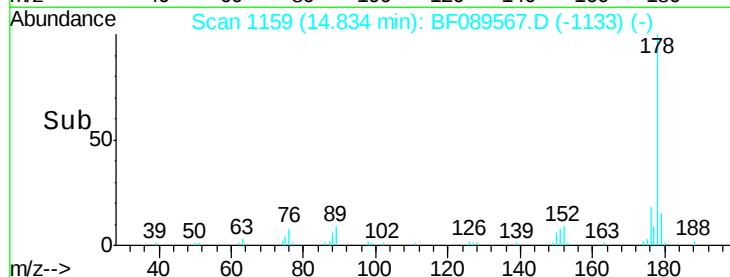
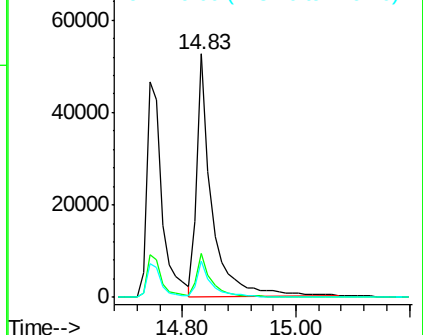
179 15.1 12.2 18.2



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: 10.08 ng

RT: 15.13 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

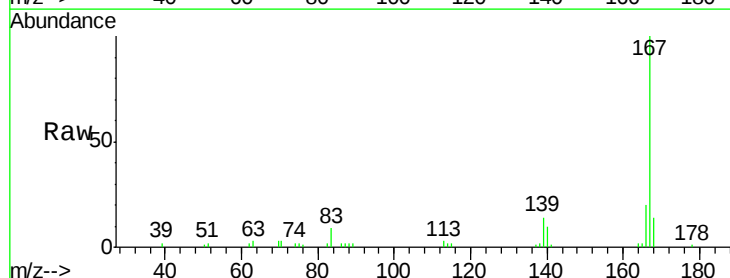
Tgt Ion:167 Resp: 76471

Ion Ratio Lower Upper

167 100

166 20.5 17.5 26.3

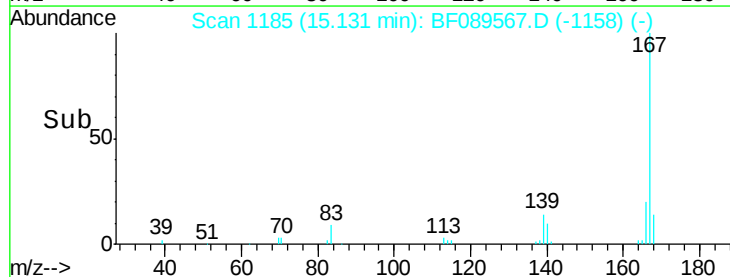
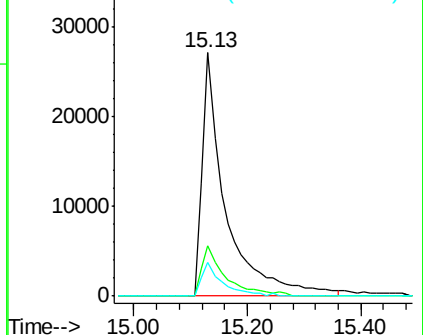
139 14.0 11.8 17.6

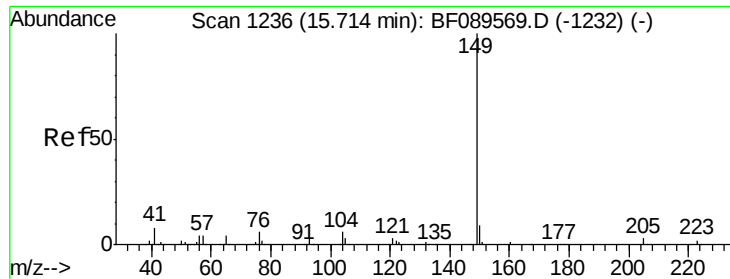


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

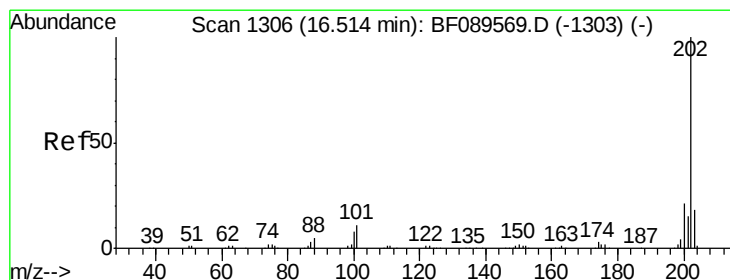
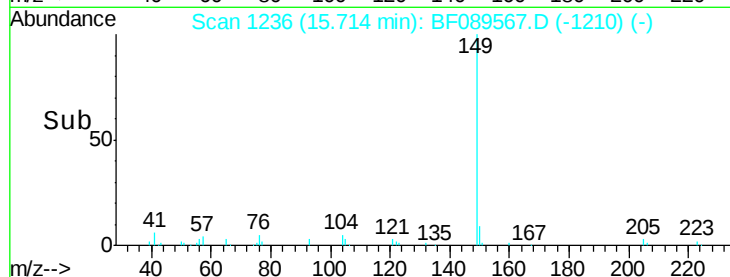
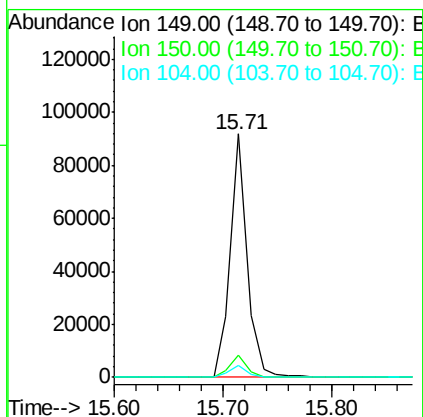
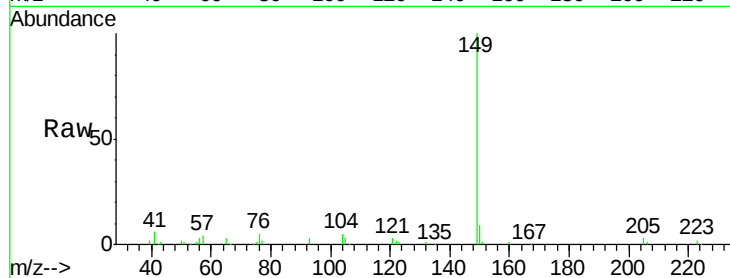




#73
Di-n-butylphthalate
Concen: 10.19 ng
RT: 15.71 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

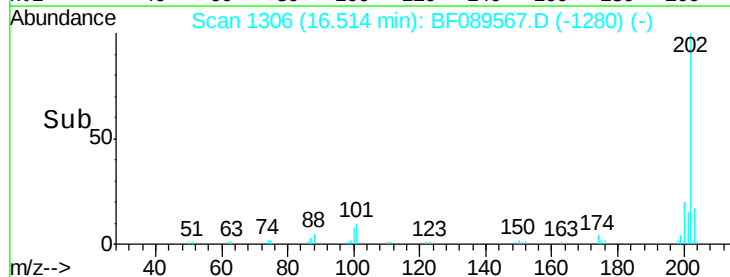
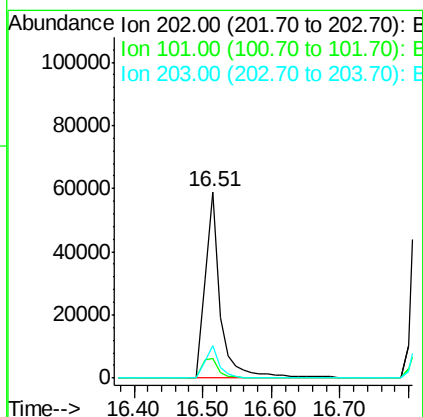
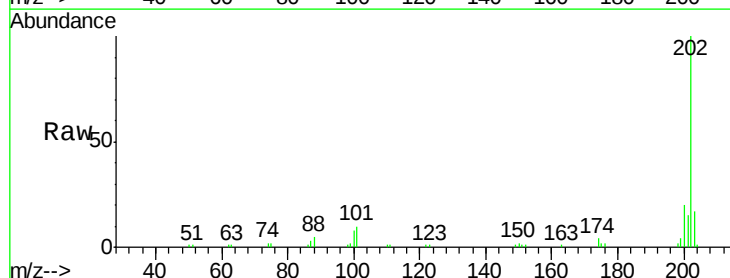
Instrument :
BNA_F
ClientSampleId :

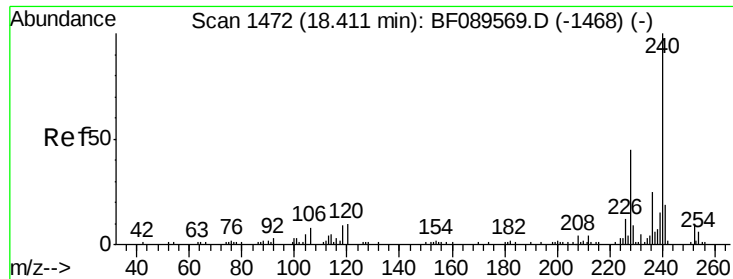
Tot Ion:149 Resp: 98903
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 5.1 4.6 7.0



#74
Fluoranthene
Concen: 10.37 ng
RT: 16.51 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:202 Resp: 90083
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.0
203 17.4 0.0 37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.40 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

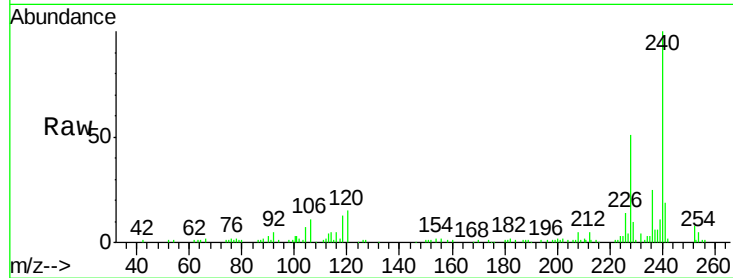
Tot Ion:240 Resp: 107200

Ion Ratio Lower Upper

240 100

120 14.6 8.2 12.2#

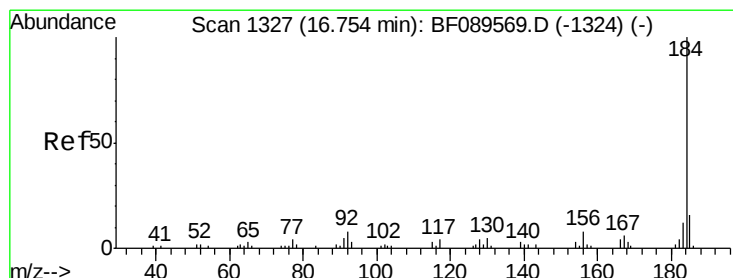
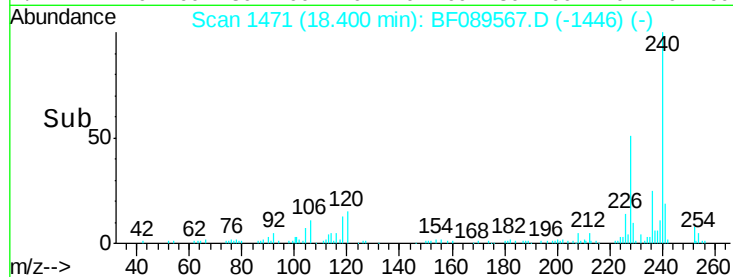
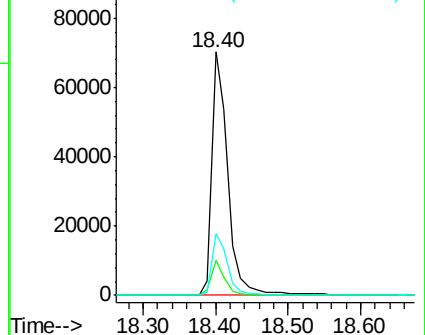
236 25.2 20.3 30.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.14 ng

RT: 16.77 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

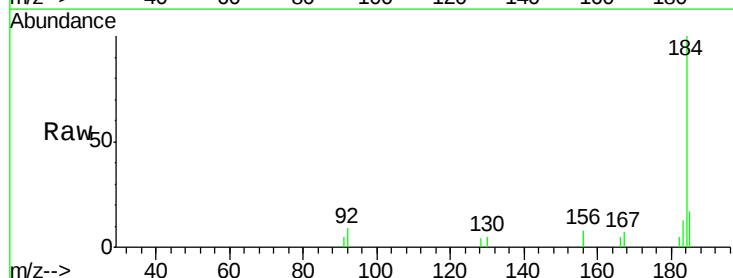
Tgt Ion:184 Resp: 32566

Ion Ratio Lower Upper

184 100

185 16.6 13.1 19.7

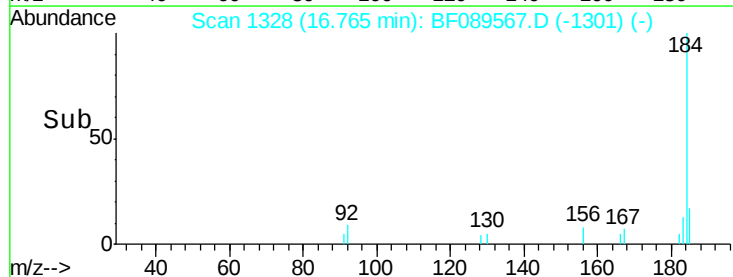
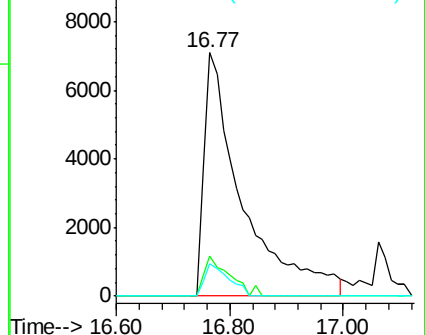
183 13.3 9.6 14.4

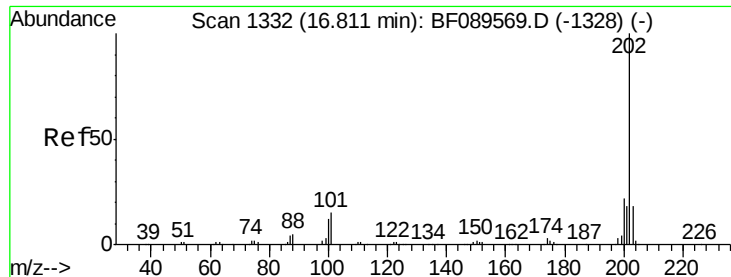


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 10.16 ng

RT: 16.81 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampled :

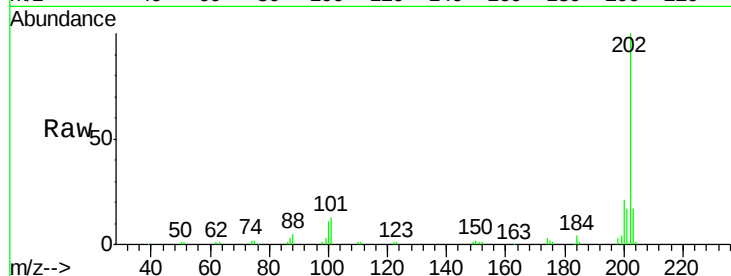
Tot Ion:202 Resp: 96849

Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

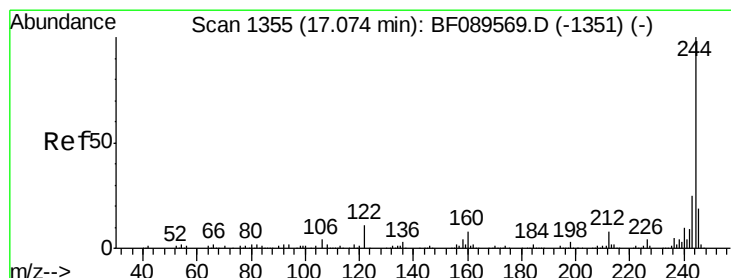
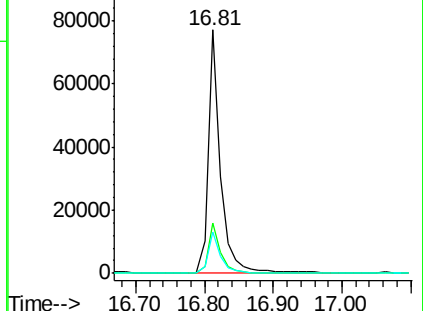
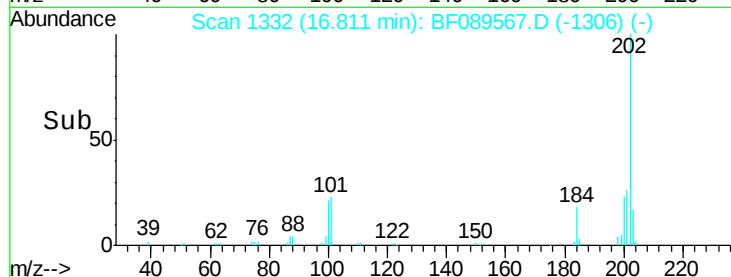
203 17.2 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 20.13 ng

RT: 17.06 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

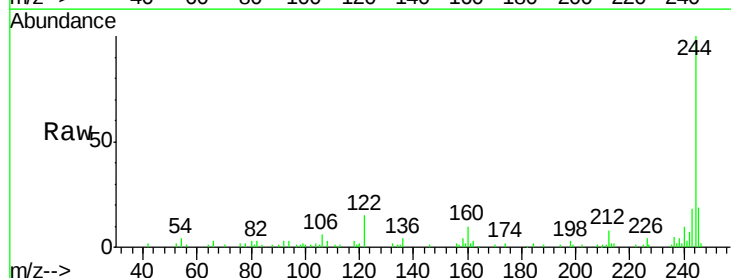
Tgt Ion:244 Resp: 107562

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.4

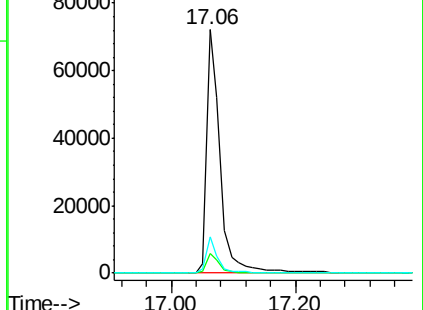
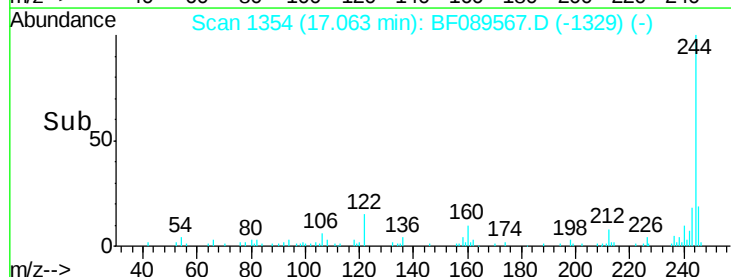
122 14.7 8.5 12.7#

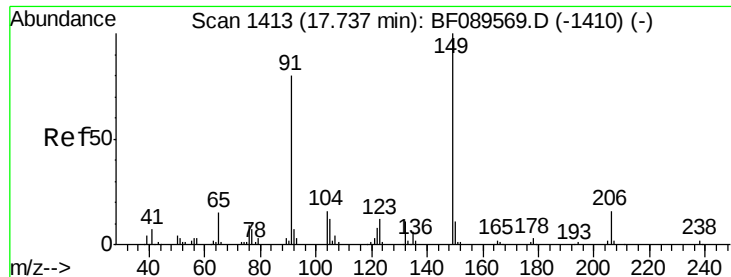


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

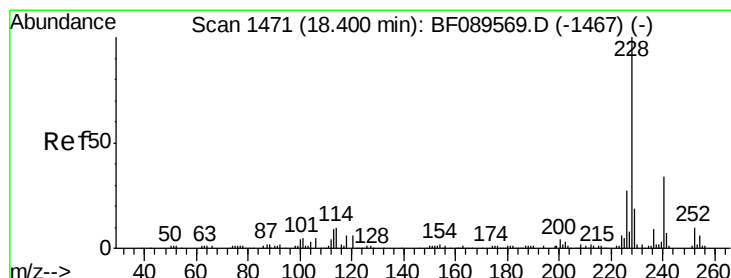
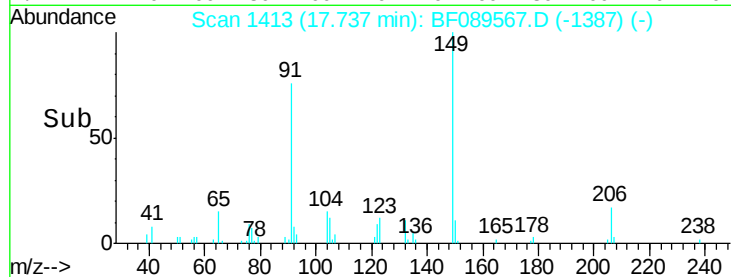
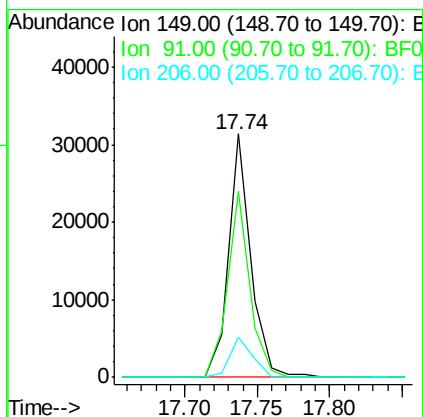
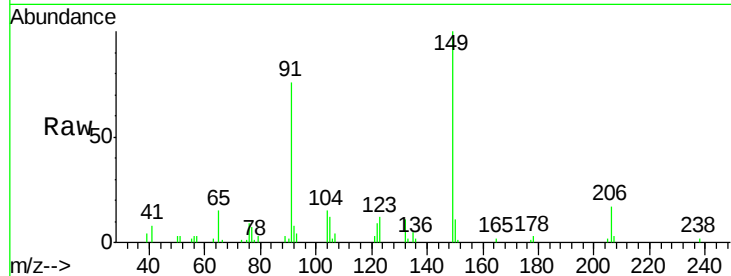




#79
Butylbenzylphthalate
Concen: 9.34 ng
RT: 17.74 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

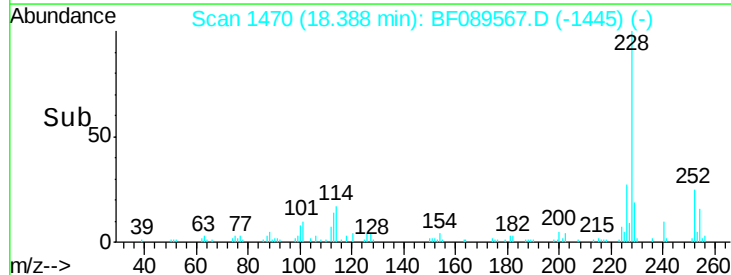
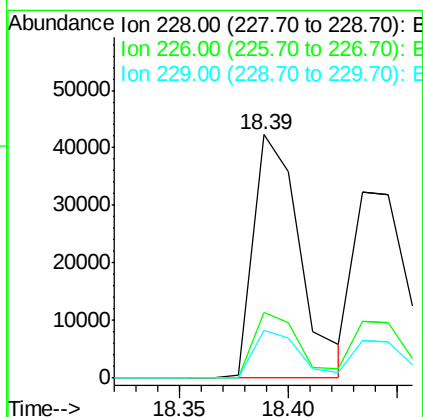
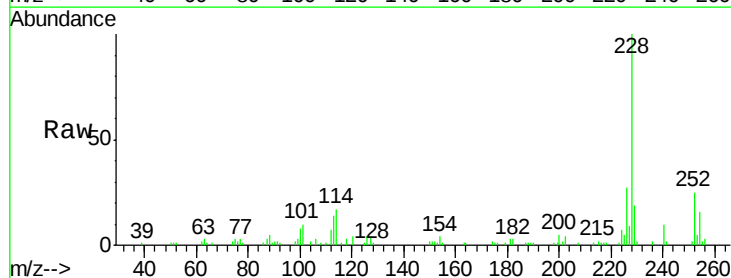
Instrument :
BNA_F
ClientSampleId :

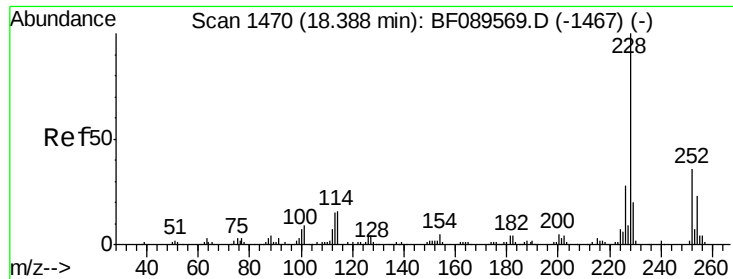
Tot Ion:149 Resp: 33401
Ion Ratio Lower Upper
149 100
91 76.4 63.6 95.4
206 16.6 12.8 19.2



#80
Benzo(a)anthracene
Concen: 10.17 ng
RT: 18.39 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:228 Resp: 63545
Ion Ratio Lower Upper
228 100
226 27.2 21.5 32.3
229 19.5 15.1 22.7

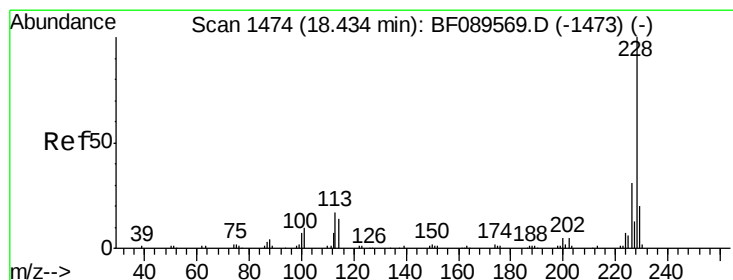
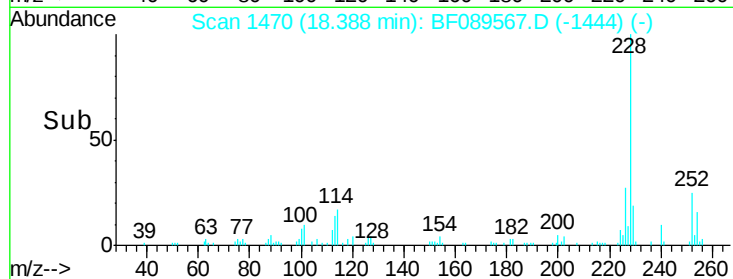
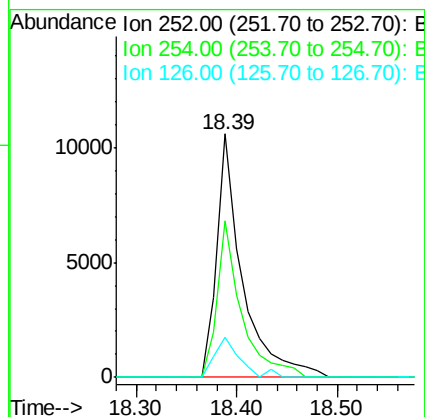
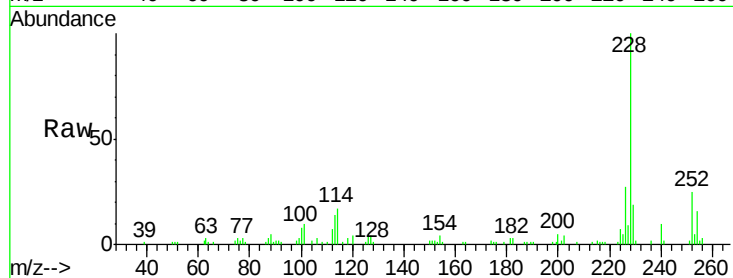




#81
 3,3'-Dichlorobenzidine
 Concen: 9.59 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

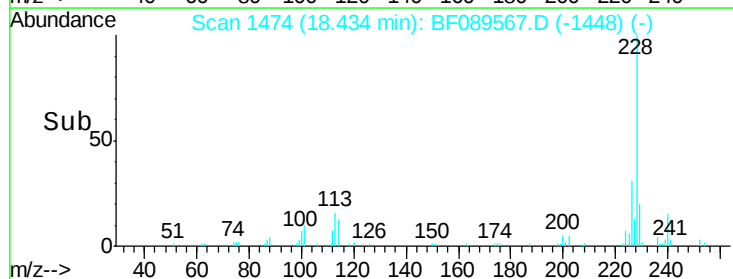
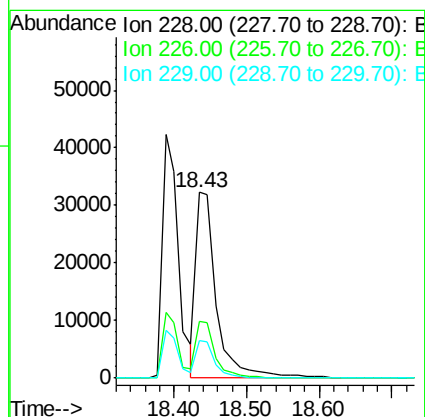
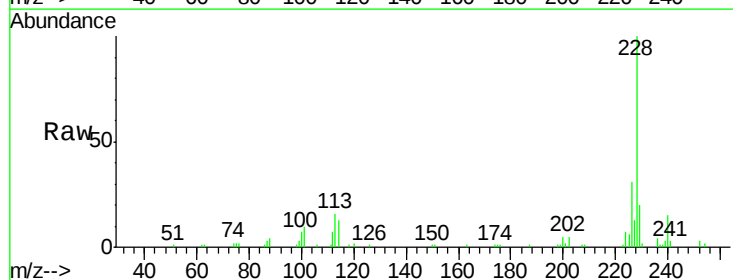
Instrument :
 BNA_F
 ClientSampleId :

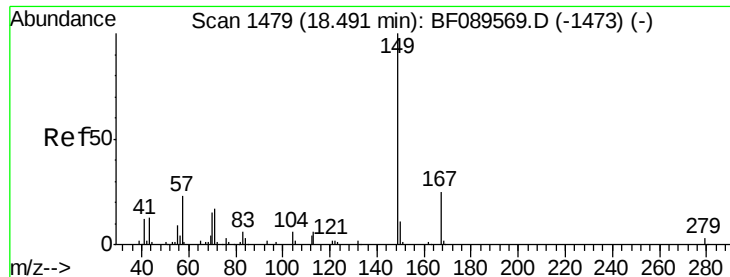
Tot Ion:252 Resp: 18776
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.6 77.4
 126 16.4 10.1 15.1#



#82
 Chrysene
 Concen: 9.91 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Tgt Ion:228 Resp: 63826
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.3 36.5
 229 20.1 15.7 23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.19 ng

RT: 18.49 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

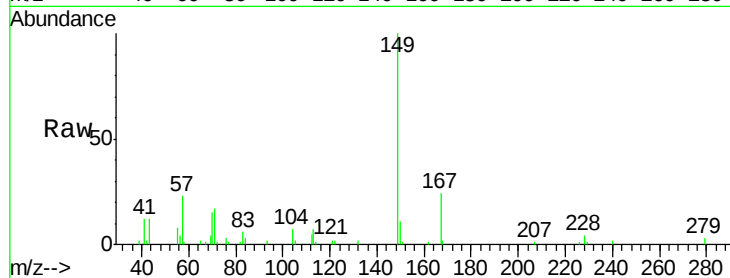
Tot Ion:149 Resp: 44279

Ion Ratio Lower Upper

149 100

167 24.1 19.7 29.5

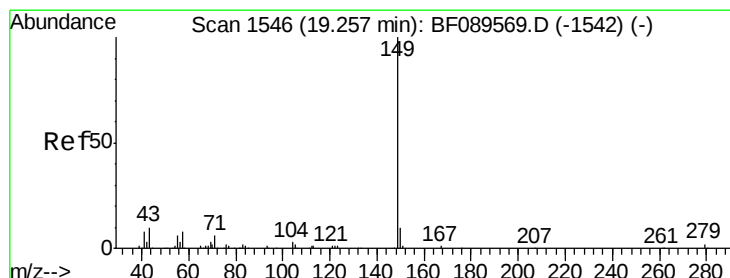
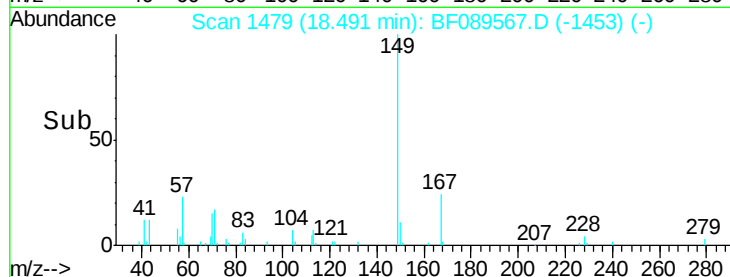
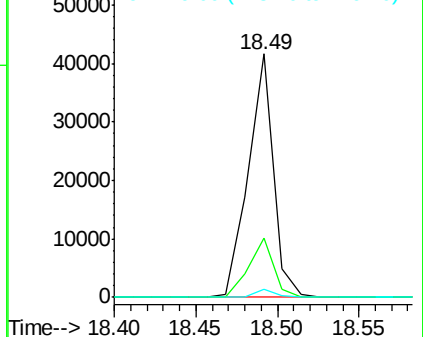
279 3.1 2.3 3.5



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: 8.29 ng

RT: 19.26 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

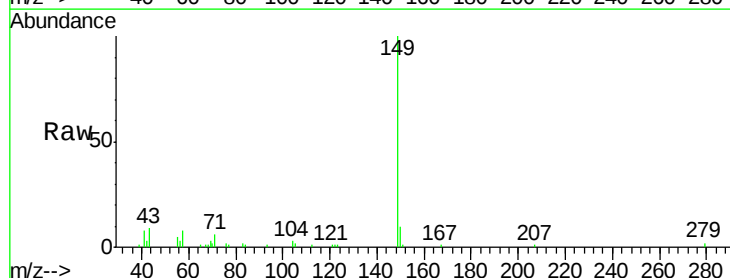
Tgt Ion:149 Resp: 60555

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

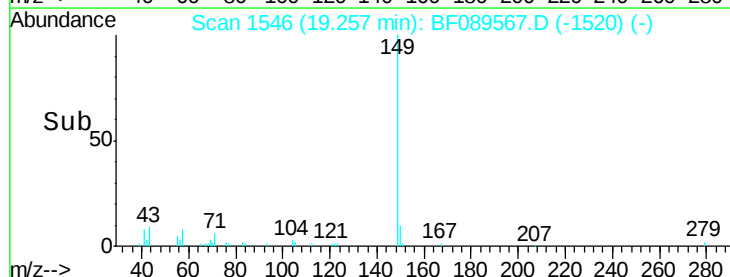
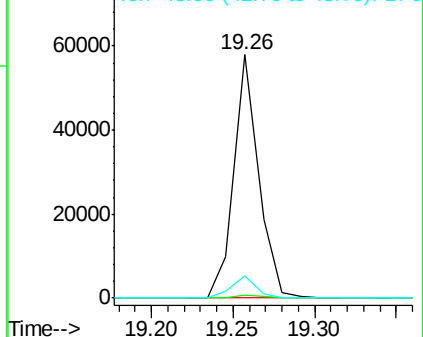
43 9.2 7.3 10.9

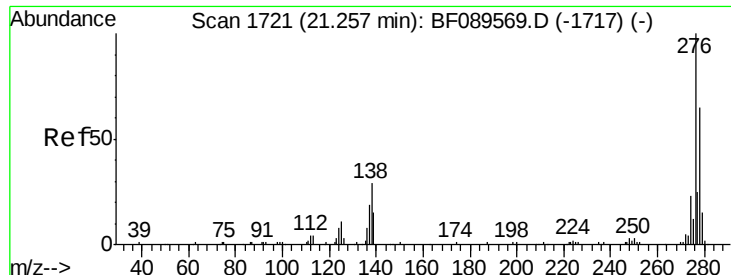


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

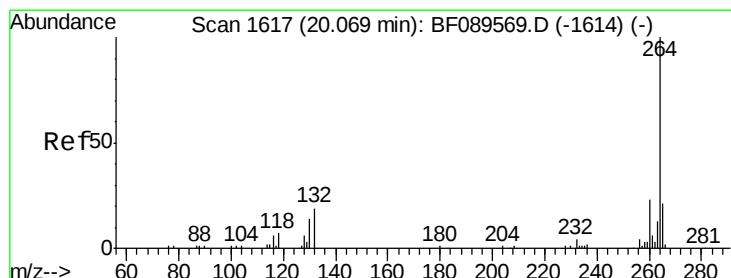
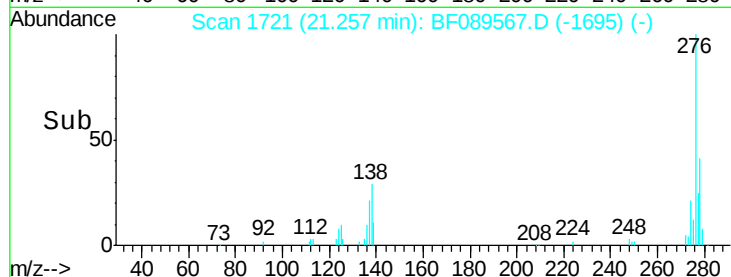
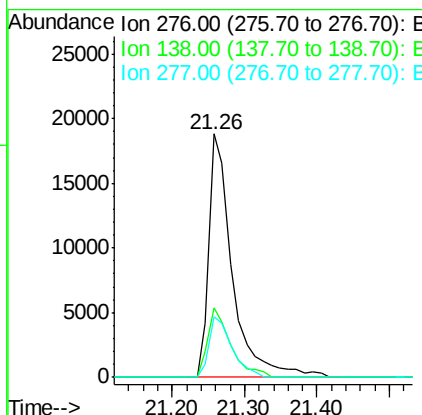
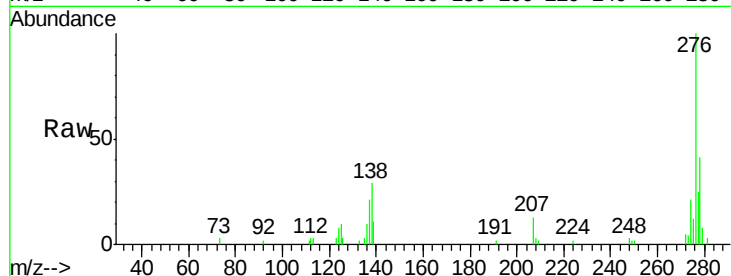




#85
Indeno(1,2,3-cd)pyrene
Concen: 9.90 ng
RT: 21.26 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

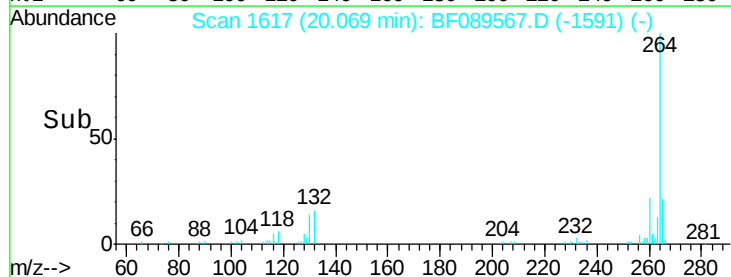
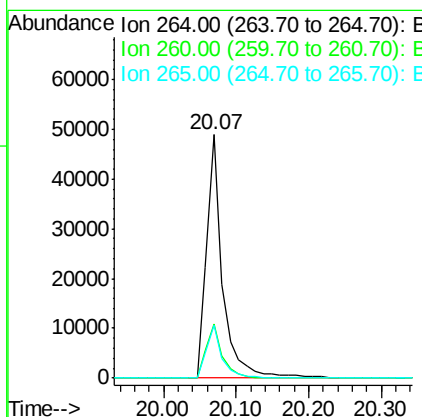
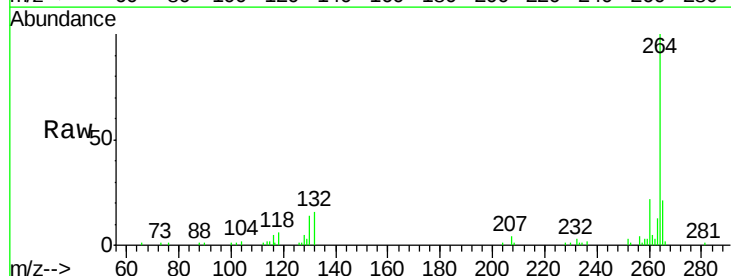
Instrument :
BNA_F
ClientSampleId :

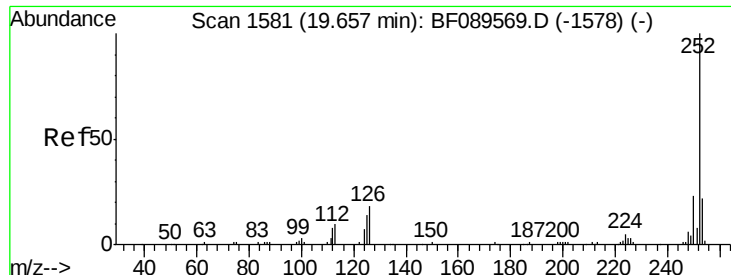
Tot Ion:276 Resp: 42511
Ion Ratio Lower Upper
276 100
138 27.8 23.5 35.3
277 24.1 20.5 30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.07 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BF089567.D
Acq: 3 Aug 2016 19:20

Tgt Ion:264 Resp: 75062
Ion Ratio Lower Upper
264 100
260 22.2 18.5 27.7
265 21.5 16.6 25.0





#87

Benzo(b)fluoranthene

Concen: 9.77 ng

RT: 19.66 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

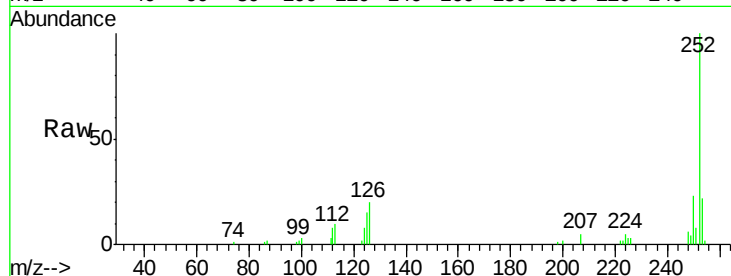
Tot Ion:252 Resp: 44789

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

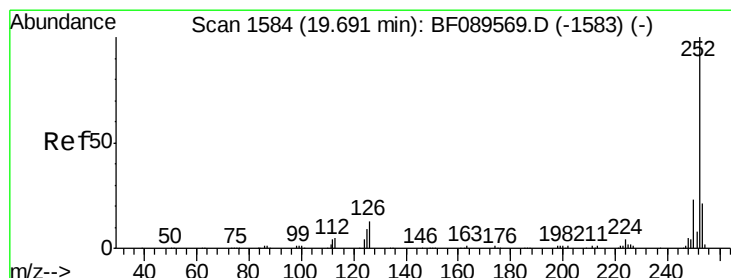
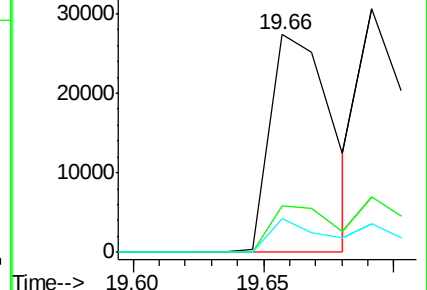
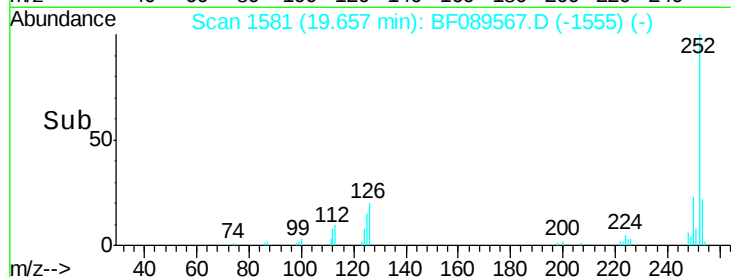
125 15.2 11.0 16.4



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: 9.91 ng

RT: 19.66 min Scan# 1581

Delta R.T. -0.03 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

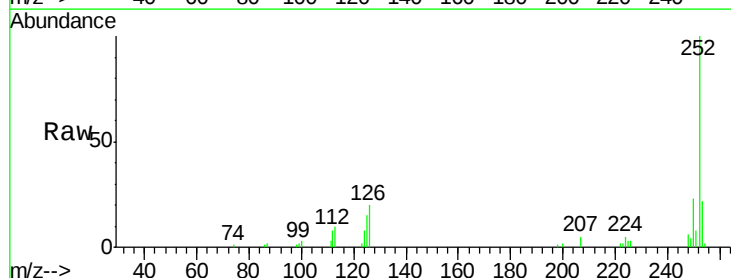
Tgt Ion:252 Resp: 44789

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

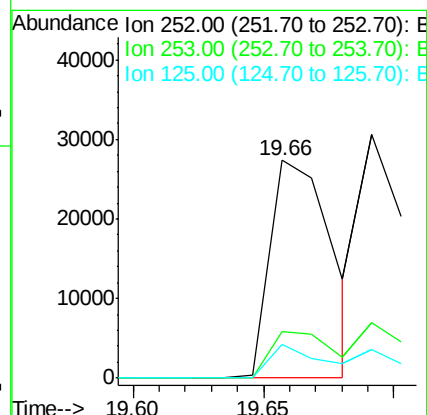
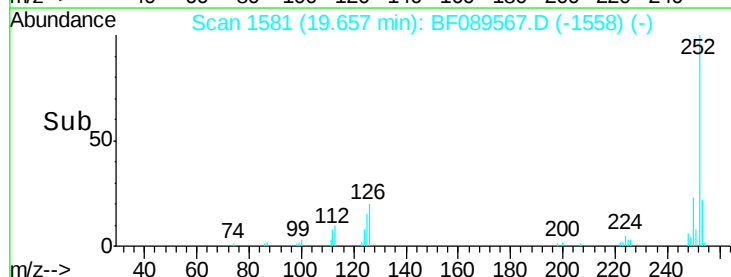
125 15.2 9.3 13.9#

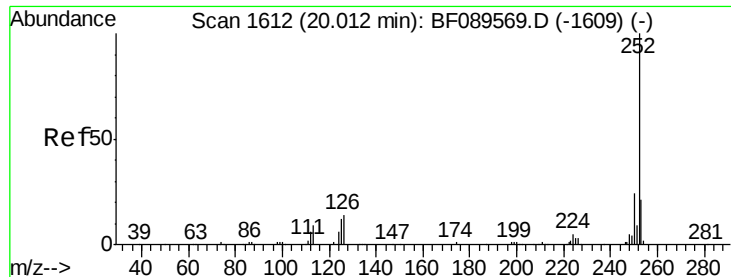


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 10.01 ng

RT: 20.01 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

Instrument :

BNA_F

ClientSampleId :

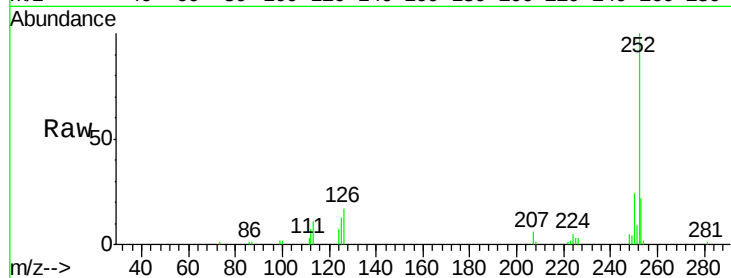
Tot Ion:252 Resp: 42574

Ion Ratio Lower Upper

252 100

253 22.1 16.6 24.8

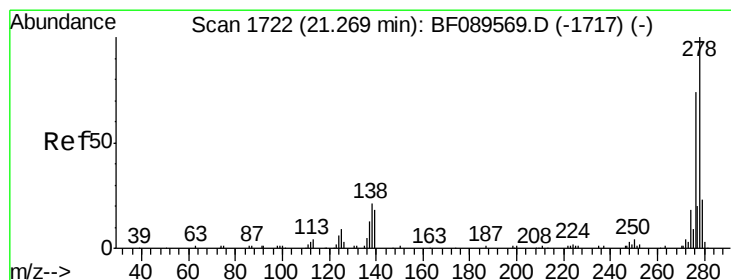
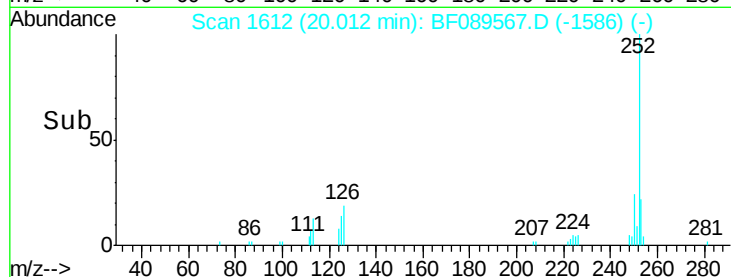
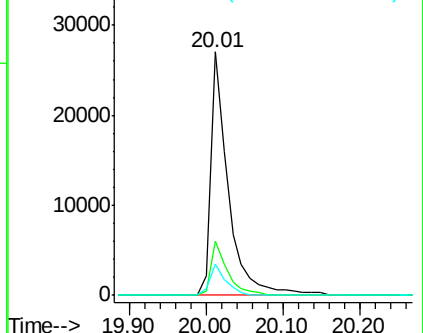
125 12.8 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 9.14 ng

RT: 21.27 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BF089567.D

Acq: 3 Aug 2016 19:20

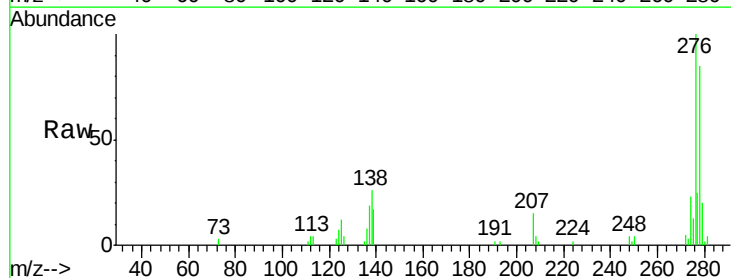
Tgt Ion:278 Resp: 36803

Ion Ratio Lower Upper

278 100

139 19.8 14.1 21.1

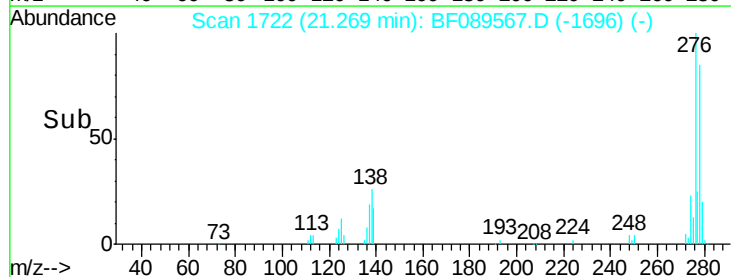
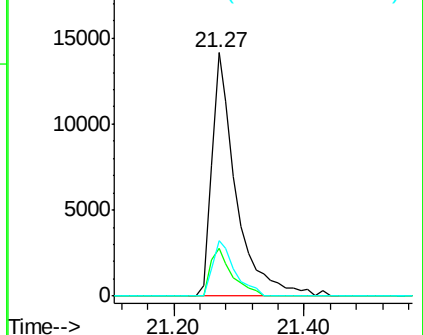
279 23.0 18.7 28.1

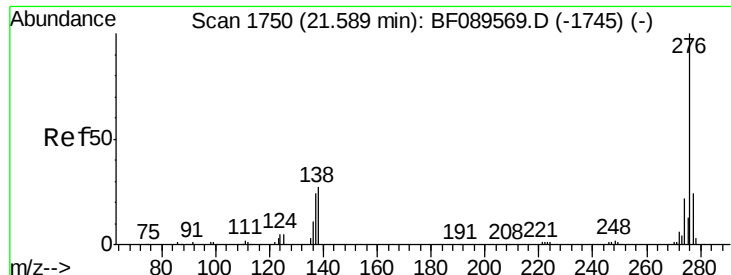


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

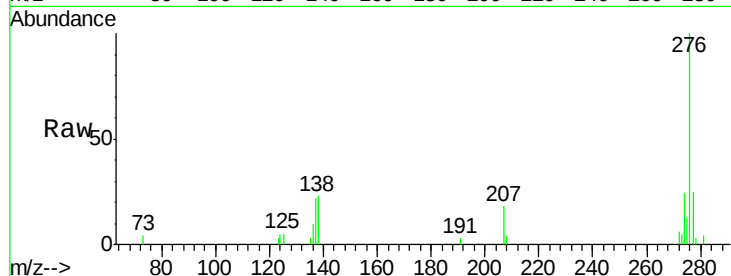




#91
 Benzo(a,h,i)perylene
 Concen: 8.97 ng
 RT: 21.60 min Scan# 1751
 Delta R.T. 0.01 min
 Lab File: BF089567.D
 Acq: 3 Aug 2016 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.6
138	23.1	21.7	32.5



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

