

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080906\
 Data File : BF089689.D
 Acq On : 9 Aug 2016 15:29
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 17:46:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	69684	20.00	ng	-0.03
21) Naphthalene-d8	9.44	136	291677	20.00	ng	-0.03
38) Acenaphthene-d10	12.26	164	132725	20.00	ng	-0.03
63) Phenanthrene-d10	14.65	188	252976	20.00	ng	-0.05
75) Chrysene-d12	18.35	240	151290	20.00	ng	-0.03
86) Perylene-d12	20.01	264	118779	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	342557	82.39	ng	-0.02
7) Phenol-d6	6.97	99	447258	79.30	ng	-0.01
23) Nitrobenzene-d5	8.33	82	402156	76.26	ng	-0.03
41) 2,4,6-Tribromophenol	13.55	330	89864	82.05	ng	-0.03
44) 2-Fluorobiphenyl	11.22	172	713195	69.84	ng	-0.03
78) Terphenyl-d14	17.02	244	556177	72.57	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.71	88	85399	35.83	ng	97
3) Pyridine	2.26	79	177300	40.48	ng	97
4) n-Nitrosodimethylamine	2.25	42	77422	41.41	ng	97
6) Aniline	6.91	93	268841	36.78	ng	98
8) 2-Chlorophenol	7.10	128	197593	38.71	ng	96
9) Benzaldehyde	6.72	77	89353	43.67	ng	96
10) Phenol	6.98	94	232689	40.19	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	182963	36.78	ng	98
12) 1,3-Dichlorobenzene	7.31	146	205798	37.12	ng	97
13) 1,4-Dichlorobenzene	7.44	146	206588	37.36	ng	98
14) 1,2-Dichlorobenzene	7.67	146	200992	34.49	ng	98
15) Benzyl Alcohol	7.71	79	145724	39.41	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.91	45	228905	36.13	ng	# 59
17) 2-Methylphenol	7.92	107	145648	39.51	ng	95
18) Hexachloroethane	8.19	117	80709	34.64	ng	100
19) n-Nitroso-di-n-propylamine	8.15	70	145320	35.67	ng	97
20) 3+4-Methylphenols	8.18	107	184195	39.58	ng	98
22) Acetophenone	8.11	105	257514	37.03	ng	# 99
24) Nitrobenzene	8.36	77	216066	43.14	ng	96
25) Isophorone	8.76	82	379422	37.58	ng	98
26) 2-Nitrophenol	8.87	139	96965	42.18	ng	89
27) 2,4-Dimethylphenol	9.00	122	158438	38.34	ng	98
28) bis(2-Chloroethoxy)methane	9.14	93	214555	35.12	ng	98
29) 2,4-Dichlorophenol	9.28	162	146318	37.42	ng	96
30) 1,2,4-Trichlorobenzene	9.37	180	164236	36.78	ng	96
31) Naphthalene	9.47	128	560475	36.15	ng	99
32) Benzoic acid	9.37	122	95125	36.64	ng	96
33) 4-Chloroaniline	9.62	127	209507	35.98	ng	94
34) Hexachlorobutadiene	9.69	225	91012	35.39	ng	99
35) Caprolactam	10.27	113	34303	30.10	ng	97
36) 4-Chloro-3-methylphenol	10.48	107	178413	39.25	ng	99
37) 2-Methylnaphthalene	10.59	142	339428	35.60	ng	100
39) 1,2,4,5-Tetrachlorobenzene	10.88	216	188804	37.85	ng	100
40) Hexachlorocyclopentadiene	10.86	237	57323	38.50	ng	100

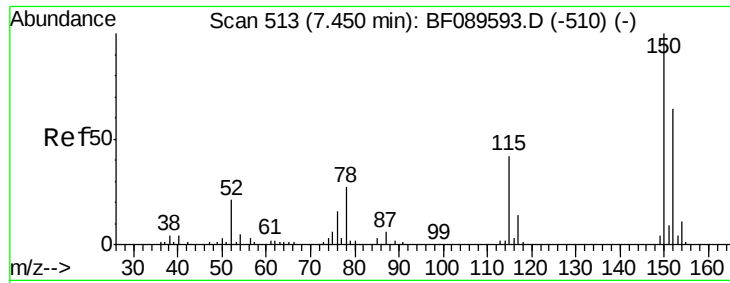
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080906\
 Data File : BF089689.D
 Acq On : 9 Aug 2016 15:29
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.10	196	98832	40.17	ng	98
43) 2,4,5-Trichlorophenol	11.16	196	109919	41.80	ng	94
45) 1,1'-Biphenyl	11.37	154	438990	36.68	ng	99
46) 2-Chloronaphthalene	11.38	162	327091	36.45	ng	99
47) 2-Nitroaniline	11.60	65	105992	36.64	ng	# 83
48) Acenaphthylene	12.03	152	532794	36.04	ng	100
49) Dimethylphthalate	11.93	163	404216	38.86	ng	99
50) 2,6-Dinitrotoluene	12.01	165	83400	40.32	ng	# 76
51) Acenaphthene	12.32	154	317436	37.18	ng	100
52) 3-Nitroaniline	12.27	138	87843	35.51	ng	92
53) 2,4-Dinitrophenol	12.48	184	28534	40.38	ng	99
54) Dibenzofuran	12.61	168	435912	37.14	ng	99
55) 4-Nitrophenol	12.65	139	49485	34.56	ng	84
56) 2,4-Dinitrotoluene	12.67	165	118146	40.61	ng	# 86
57) Fluorene	13.15	166	375885	37.46	ng	100
58) 2,3,4,6-Tetrachlorophenol	12.83	232	73966	37.05	ng	98
59) Diethylphthalate	13.07	149	410862	38.19	ng	100
60) 4-Chlorophenyl-phenylether	13.19	204	174855	38.01	ng	97
61) 4-Nitroaniline	13.28	138	83437	37.51	ng	93
62) Azobenzene	13.44	77	397595	38.21	ng	93
64) 4,6-Dinitro-2-methylphenol	13.34	198	59006	39.22	ng	84
65) n-Nitrosodiphenylamine	13.41	169	318701	37.30	ng	100
66) 4-Bromophenyl-phenylether	13.97	248	95730	39.12	ng	# 84
67) Hexachlorobenzene	14.03	284	96313	35.78	ng	93
68) Atrazine	14.32	200	91038	38.16	ng	98
69) Pentachlorophenol	14.39	266	40870	37.76	ng	99
70) Phenanthrene	14.70	178	517165	37.60	ng	99
71) Anthracene	14.78	178	545551	36.99	ng	100
72) Carbazole	15.06	167	455492	37.06	ng	99
73) Di-n-butylphthalate	15.66	149	629995	37.90	ng	99
74) Fluoranthene	16.46	202	512619	36.25	ng	100
76) Benzidine	16.70	184	143102	31.20	ng	100
77) Pyrene	16.75	202	500376	37.41	ng	99
79) Butylbenzylphthalate	17.69	149	230892	40.56	ng	99
80) Benzo(a)anthracene	18.34	228	327232	37.64	ng	99
81) 3,3'-Dichlorobenzidine	18.33	252	110897	40.49	ng	99
82) Chrysene	18.39	228	342001	37.50	ng	99
83) Bis(2-ethylhexyl)phthalate	18.43	149	293022	37.18	ng	100
84) Di-n-octyl phthalate	19.20	149	415981	36.68	ng	99
85) Indeno(1,2,3-cd)pyrene	21.18	276	317807	45.89	ng	100
87) Benzo(b)fluoranthene	19.61	252	264552	36.21	ng	100
88) Benzo(k)fluoranthene	19.61	252	264552	35.90	ng	# 96
89) Benzo(a)pyrene	19.95	252	249695	36.51	ng	99
90) Dibenzo(a,h)anthracene	21.19	278	261122	40.87	ng	99
91) Benzo(g,h,i)perylene	21.51	276	275808	42.16	ng	97

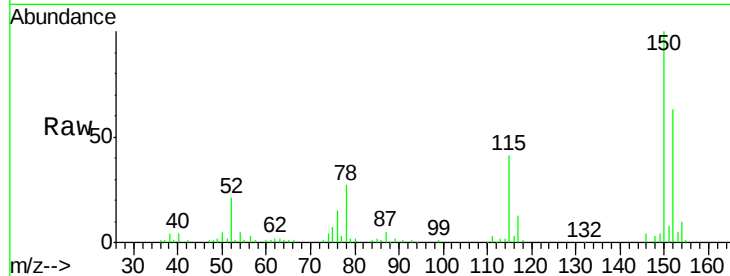
(#) = qualifier out of range (m) = manual integration (+) = signals summed



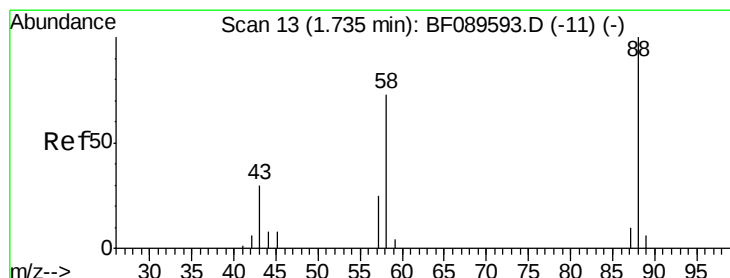
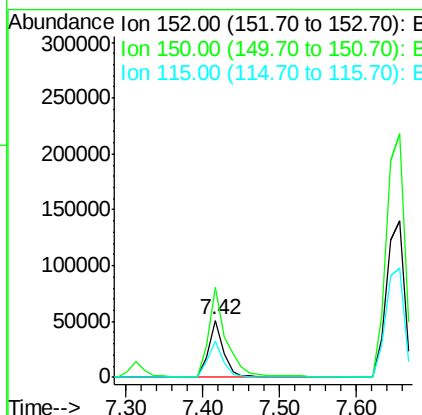
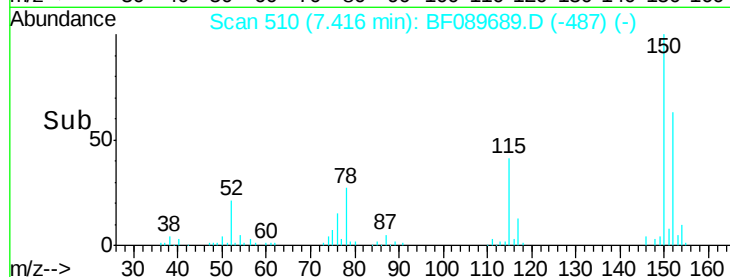
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:152 Resp: 69684
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.5 188.3
 115 64.3 52.0 78.0

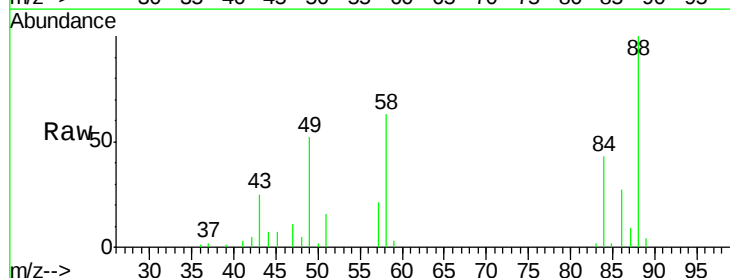


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

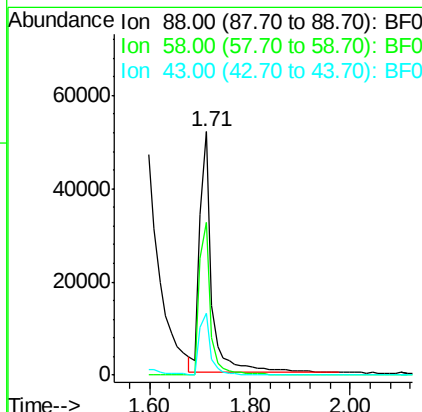
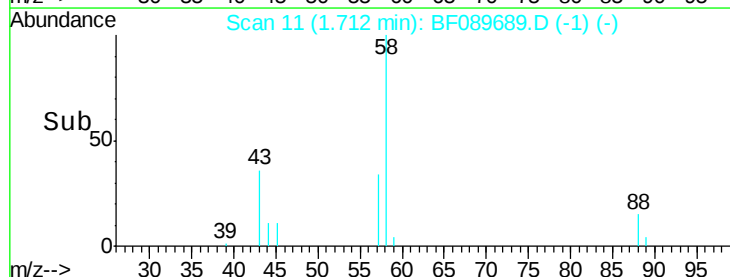


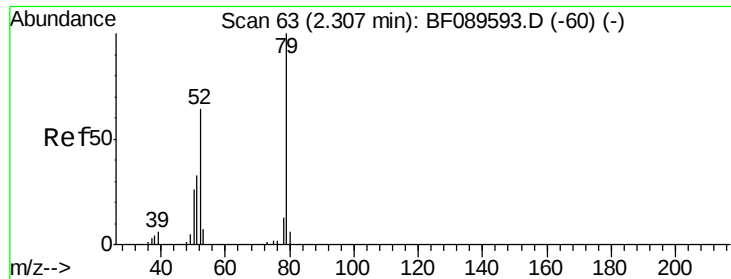
#2
 1,4-Dioxane
 Concen: 35.83 ng
 RT: 1.71 min Scan# 11
 Delta R.T. -0.02 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion: 88 Resp: 85399
 Ion Ratio Lower Upper
 88 100
 58 59.2 49.8 74.8
 43 24.0 20.1 30.1



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





#3

Pyridine

Concen: 40.48 ng

RT: 2.26 min Scan# 59

Delta R.T. -0.05 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampleId :

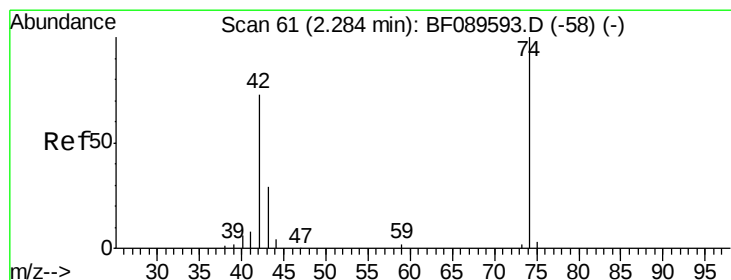
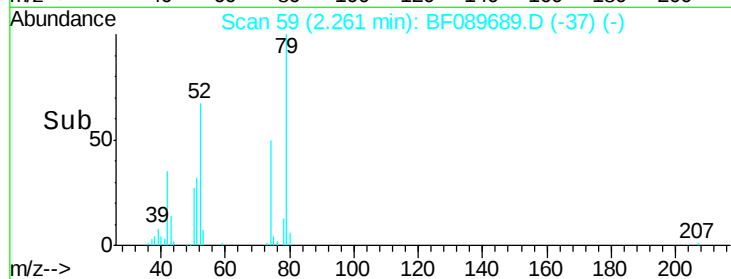
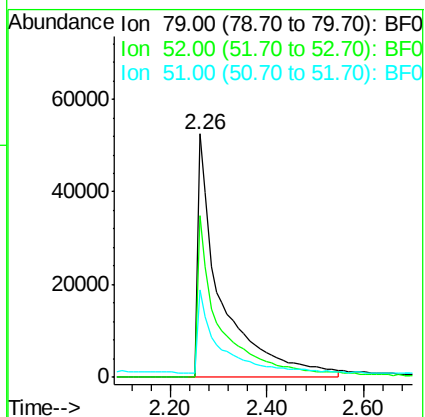
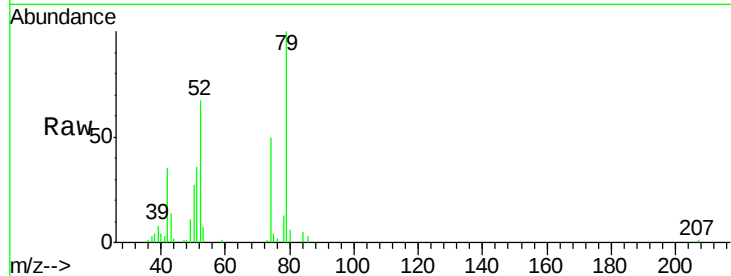
Tgt Ion: 79 Resp: 177300

Ion Ratio Lower Upper

79 100

52 66.6 51.0 76.4

51 36.0 27.9 41.9



#4

n-Nitrosodimethylamine

Concen: 41.41 ng

RT: 2.25 min Scan# 58

Delta R.T. -0.03 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

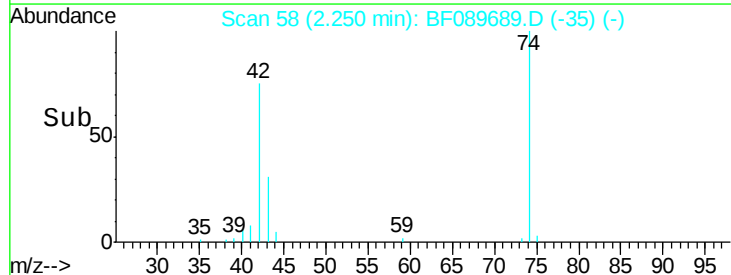
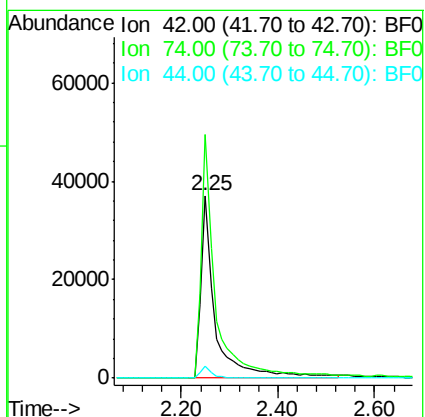
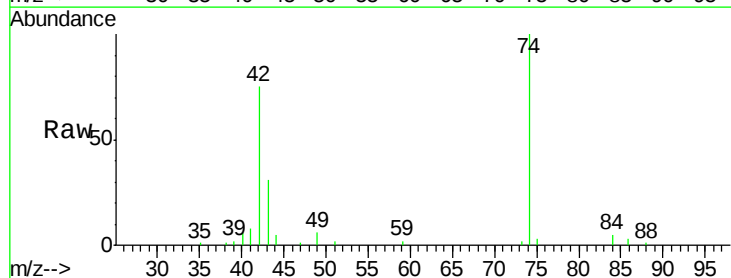
Tgt Ion: 42 Resp: 77422

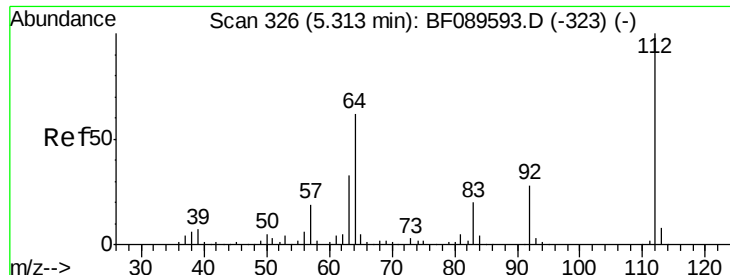
Ion Ratio Lower Upper

42 100

74 133.2 110.0 165.0

44 6.3 4.8 7.2





#5

2-Fluorophenol

Concen: 82.39 ng

RT: 5.29 min Scan# 324

Delta R.T. -0.02 min

Lab File: BF089689.D

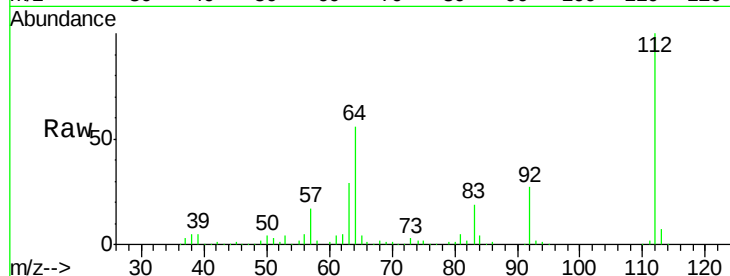
Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampled :

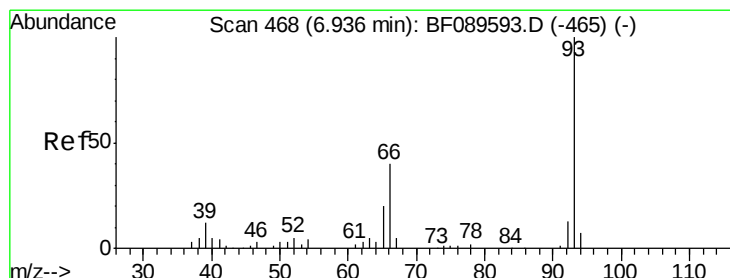
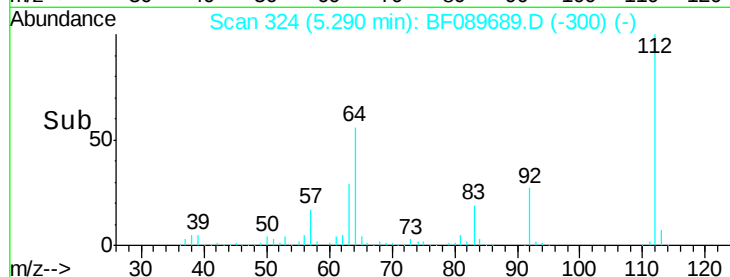
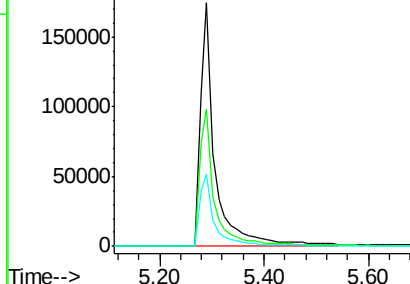
Tgt Ion:	112	Resp:	342557
Ion	Ratio	Lower	Upper
112	100		
64	56.3	49.9	74.9
63	29.5	26.1	39.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.78 ng

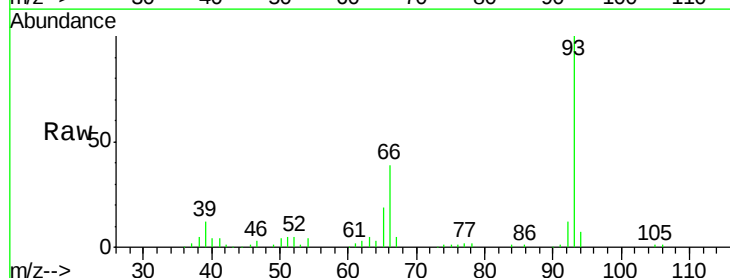
RT: 6.91 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

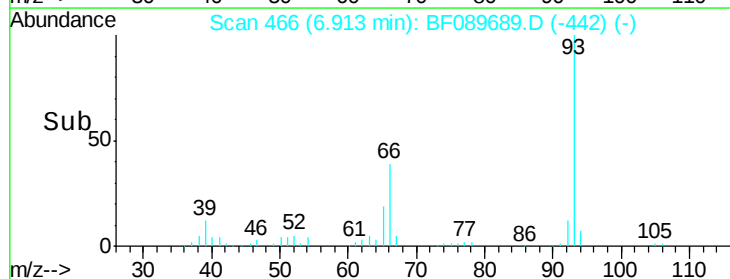
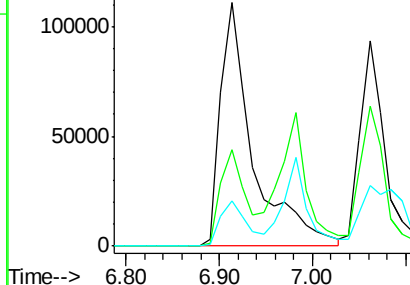
Tgt Ion:	93	Resp:	268841
Ion	Ratio	Lower	Upper
93	100		
66	39.4	32.2	48.2
65	18.7	15.8	23.8



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: 79.30 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampled :

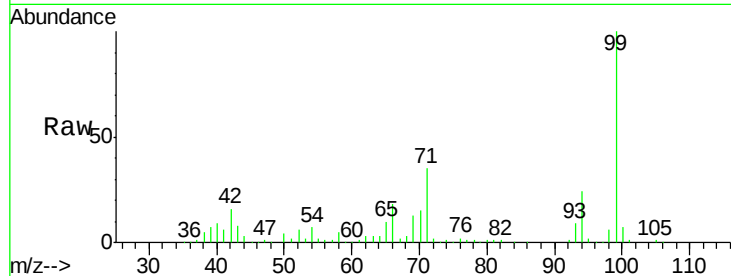
Tgt Ion: 99 Resp: 447258

Ion Ratio Lower Upper

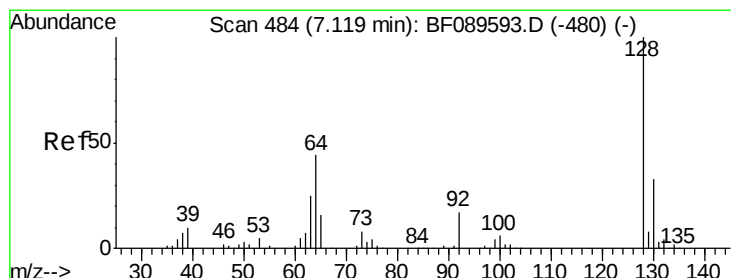
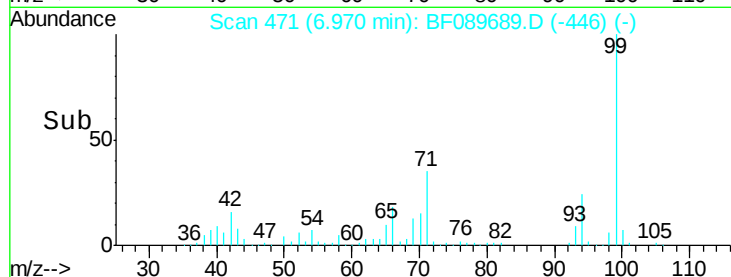
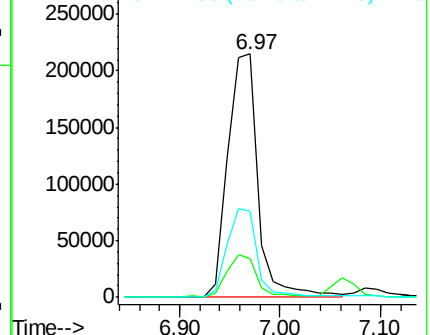
99 100

42 16.1 13.7 20.5

71 35.4 29.0 43.4



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



#8

2-Chlorophenol

Concen: 38.71 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

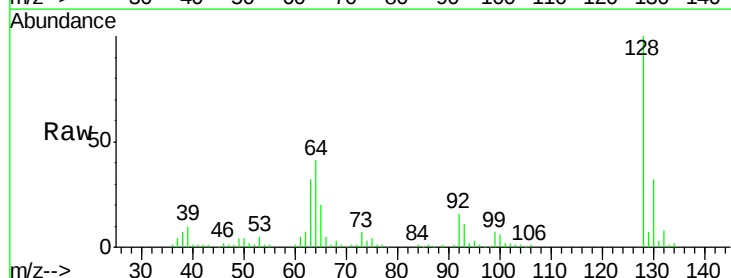
Tgt Ion: 128 Resp: 197593

Ion Ratio Lower Upper

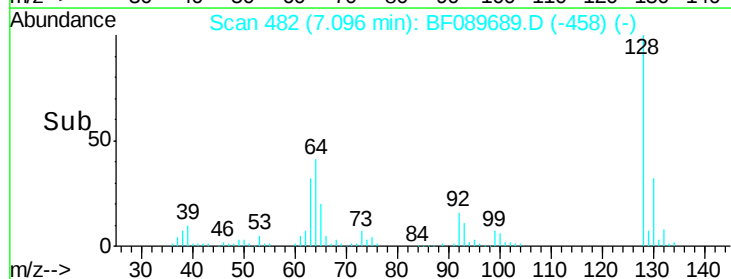
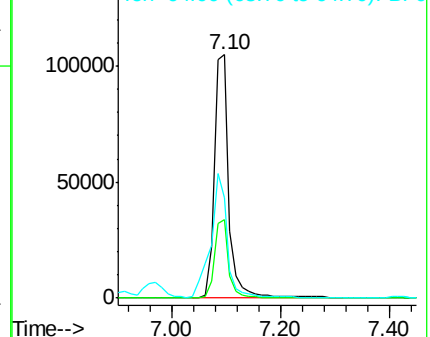
128 100

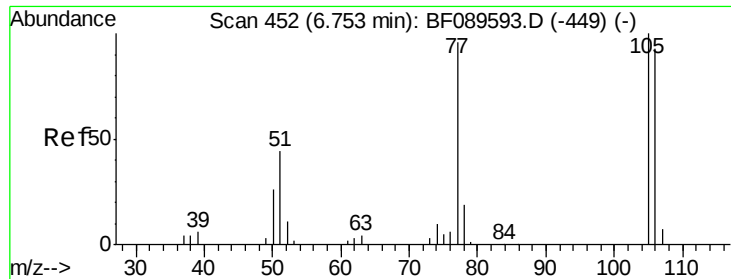
130 32.0 12.6 52.6

64 41.1 25.3 65.3



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





#9

Benzaldehyde

Concen: 43.67 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :
BNA_F
ClientSampled :

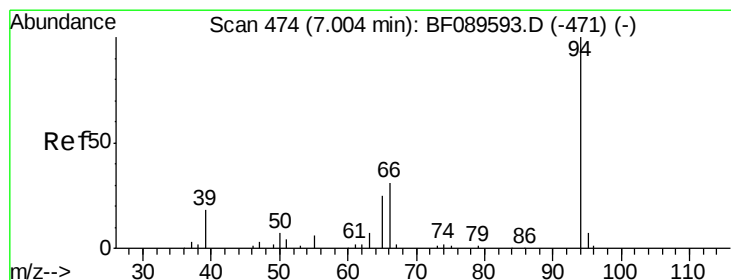
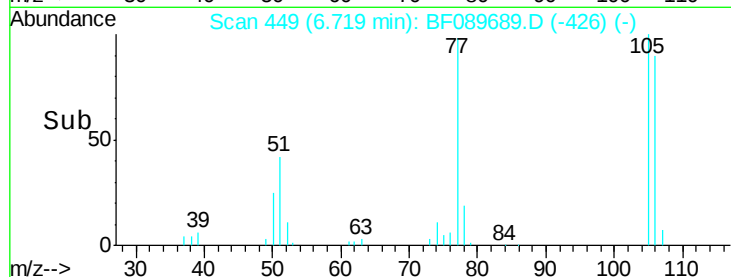
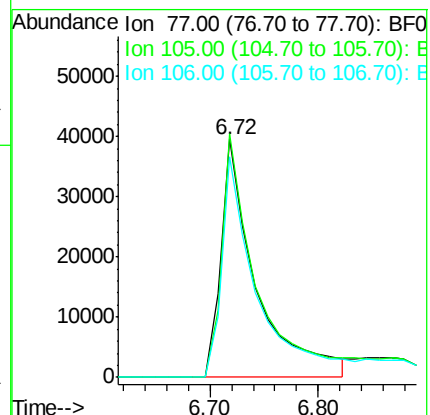
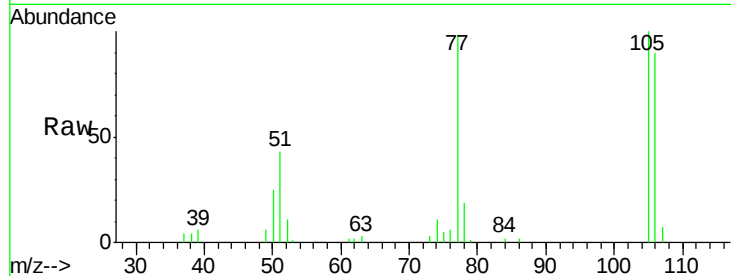
Tgt Ion: 77 Resp: 89353

Ion Ratio Lower Upper

77 100

105 102.2 84.7 124.7

106 92.5 77.1 117.1



#10

Phenol

Concen: 40.19 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

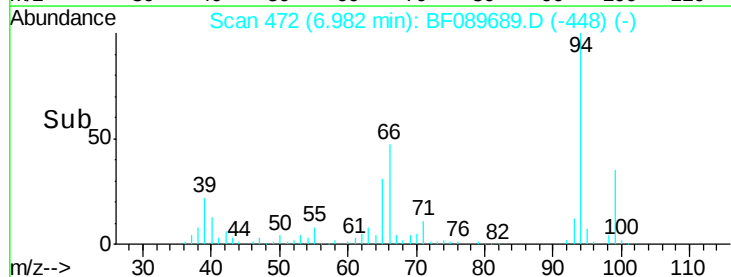
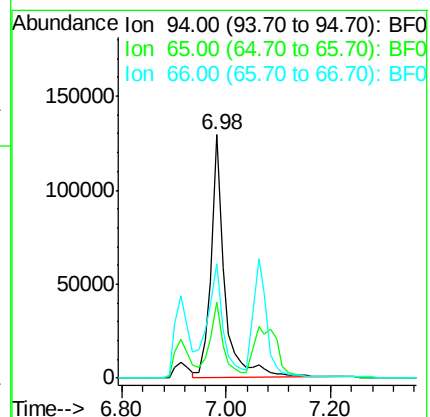
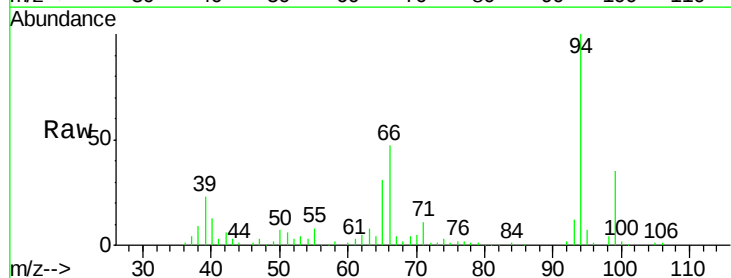
Tgt Ion: 94 Resp: 232689

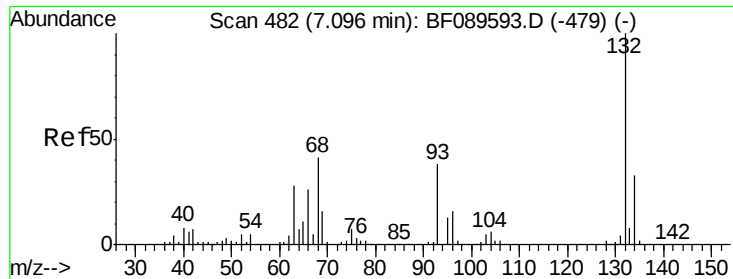
Ion Ratio Lower Upper

94 100

65 31.4 11.0 51.0

66 46.9 27.4 67.4

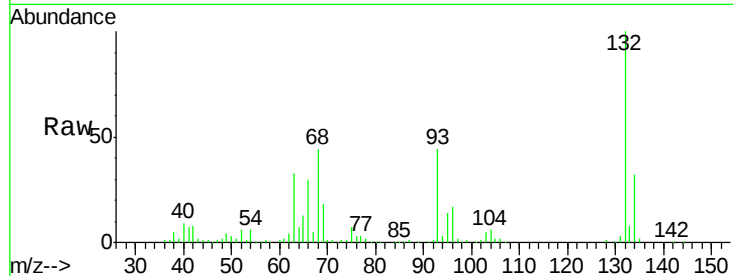




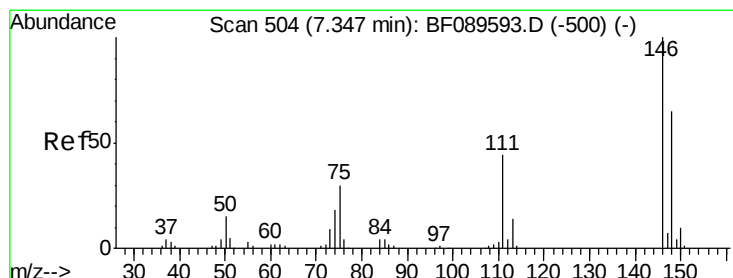
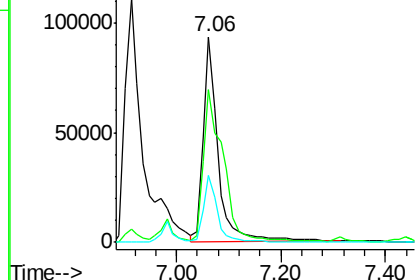
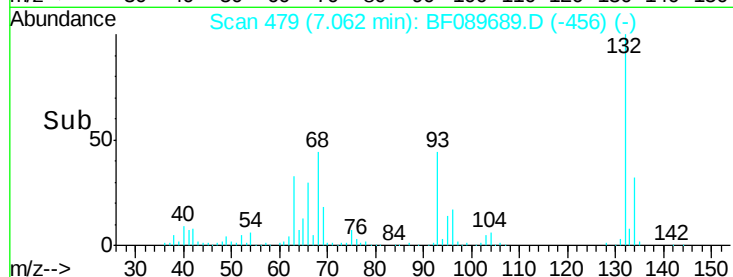
#11
bis(2-Chloroethyl)ether
Concen: 36.78 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Instrument :
BNA_F
ClientSampled :

Tgt Ion: 93 Resp: 182963
Ion Ratio Lower Upper
93 100
63 74.5 52.2 92.2
95 32.4 13.1 53.1

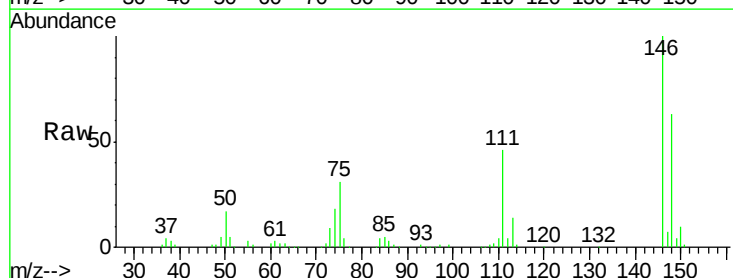


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

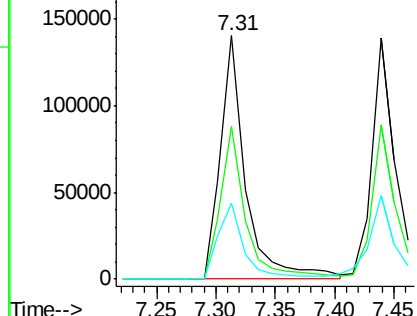
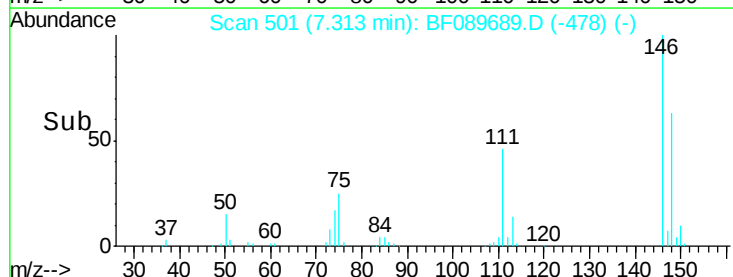


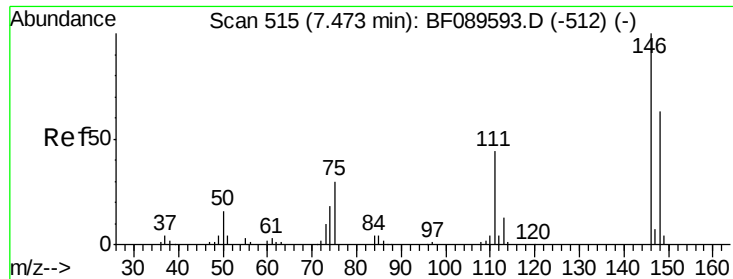
#12
1,3-Dichlorobenzene
Concen: 37.12 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion: 146 Resp: 205798
Ion Ratio Lower Upper
146 100
148 62.8 52.1 78.1
75 31.3 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

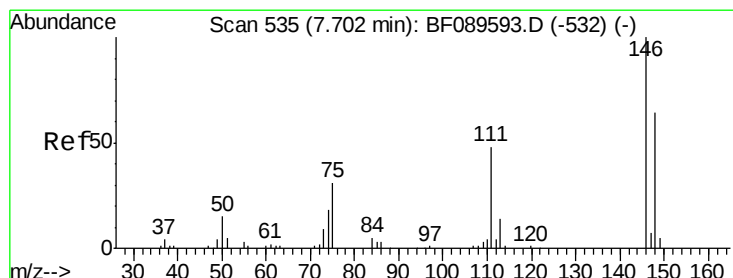
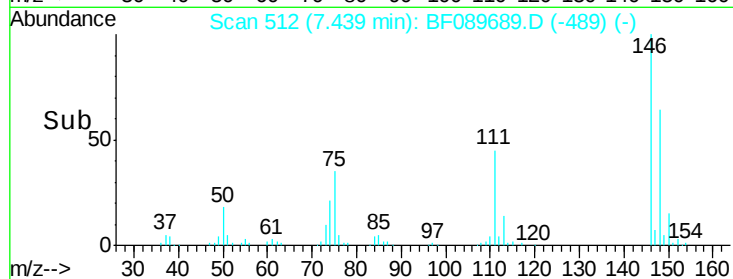
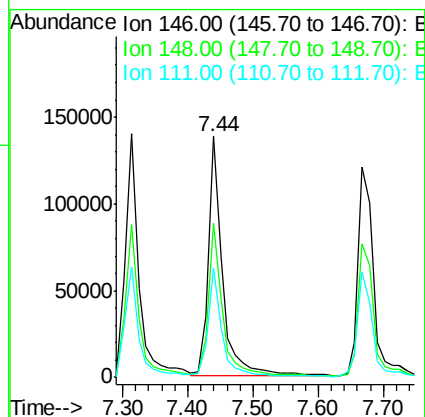
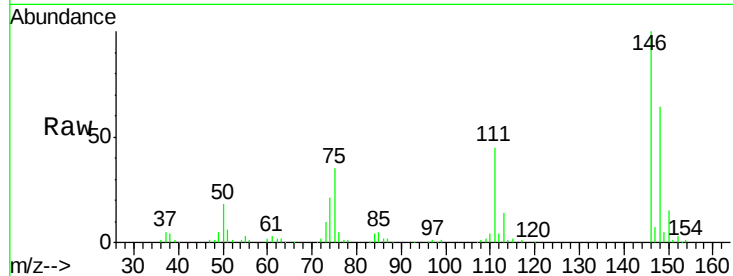




#13
 1,4-Dichlorobenzene
 Concen: 37.36 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

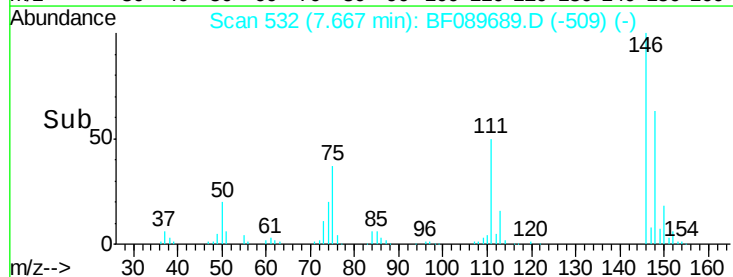
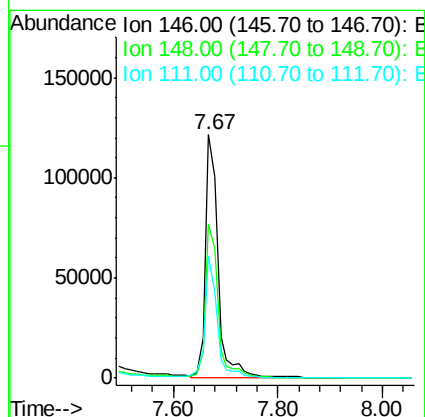
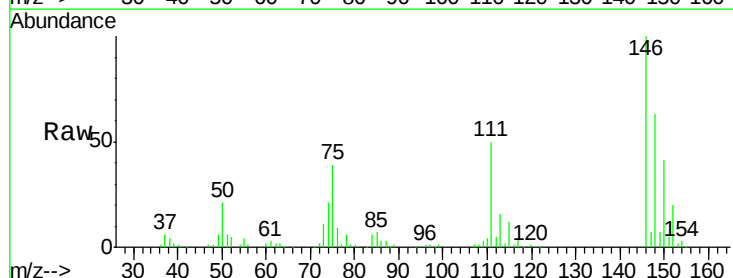
Instrument :
 BNA_F
 ClientSampleId :

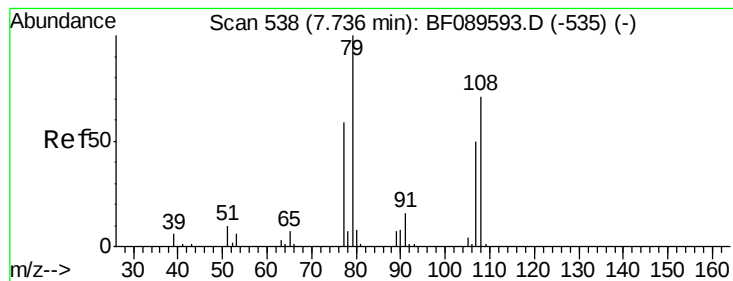
Tgt Ion:146 Resp: 206588
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.4 75.6
 111 45.2 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 34.49 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion:146 Resp: 200992
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.6
 111 50.3 38.5 57.7





#15

Benzyl Alcohol

Concen: 39.41 ng

RT: 7.71 min Scan# 536

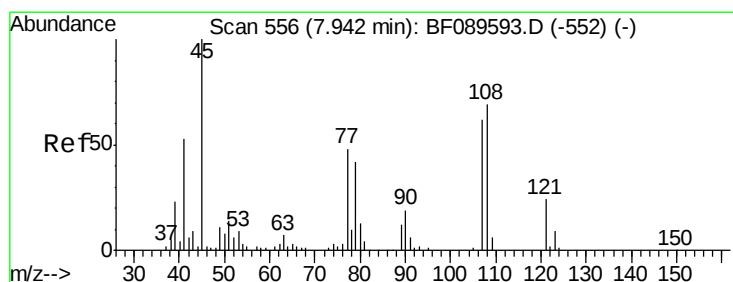
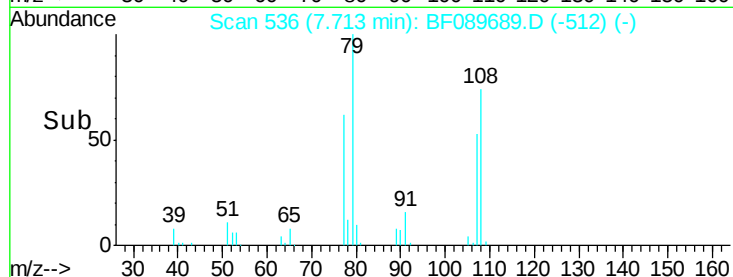
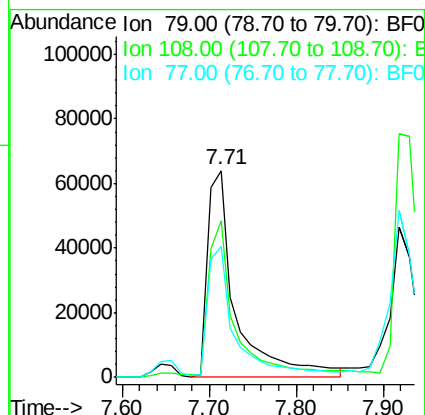
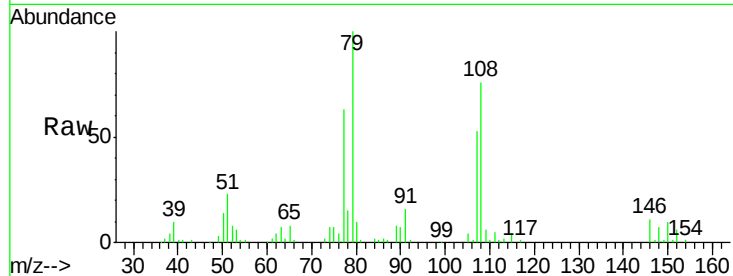
Delta R.T. -0.02 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	79	Resp:	145724
Ion	Ratio	Lower	Upper
79	100		
108	75.7	58.3	87.5
77	63.5	48.7	73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.13 ng

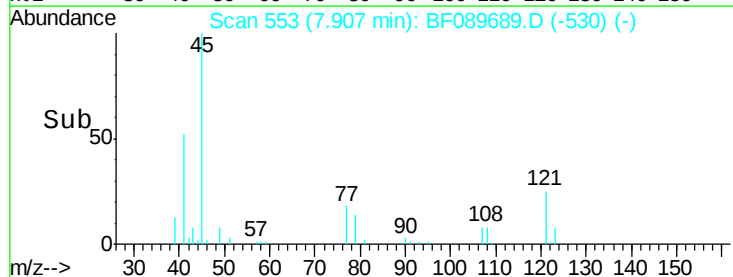
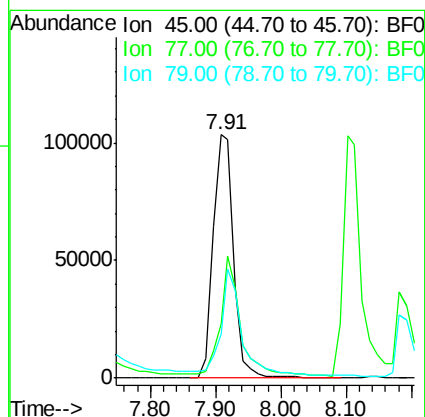
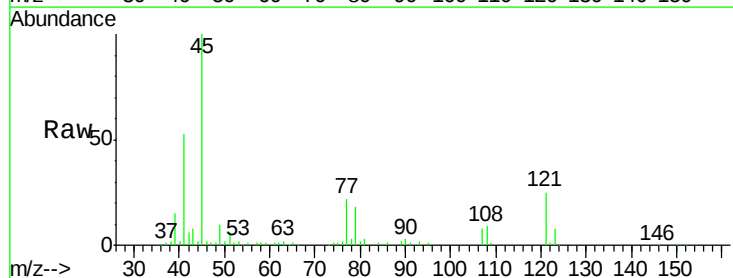
RT: 7.91 min Scan# 553

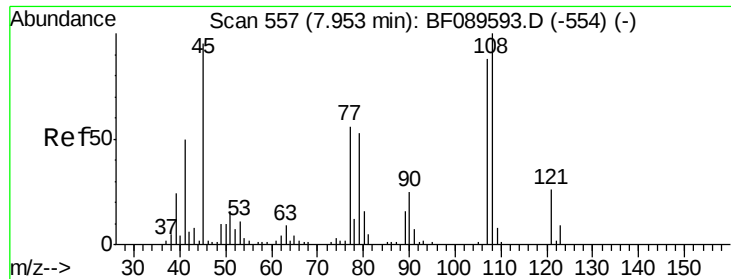
Delta R.T. -0.03 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Tgt Ion:	45	Resp:	228905
Ion	Ratio	Lower	Upper
45	100		
77	22.4	30.1	70.1#
79	17.9	25.5	65.5#

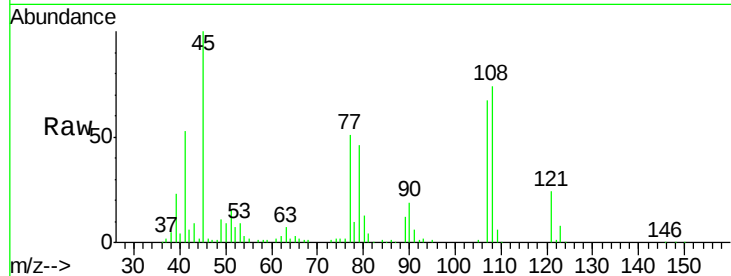




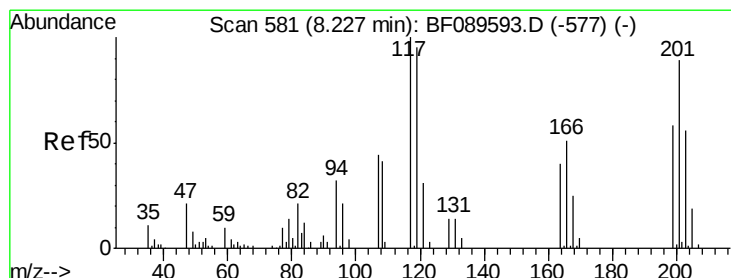
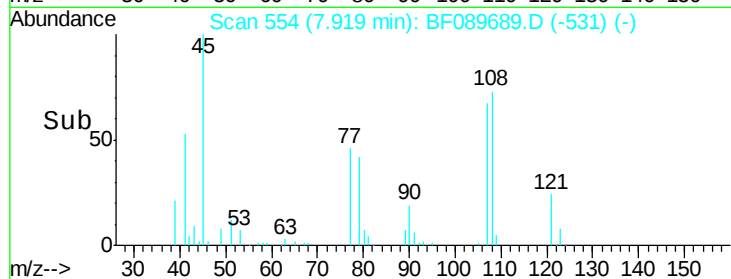
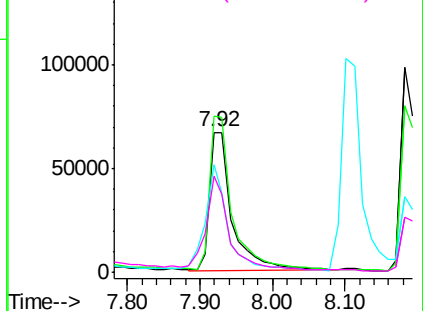
#17
2-Methylphenol
Concen: 39.51 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 145648
Ion Ratio Lower Upper
107 100
108 111.6 91.2 136.8
77 76.5 54.6 82.0
79 68.6 52.7 79.1

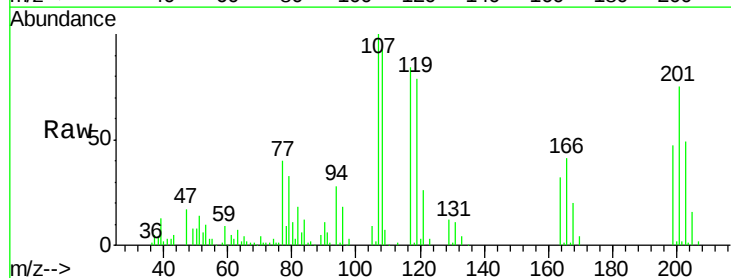


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

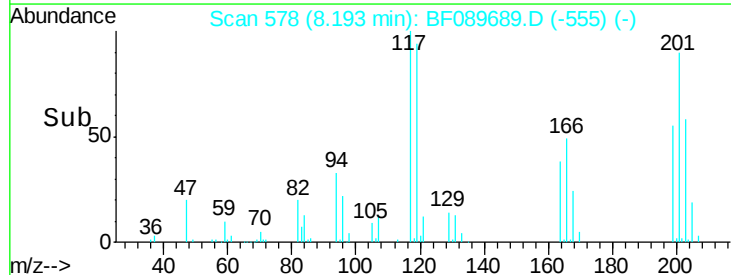
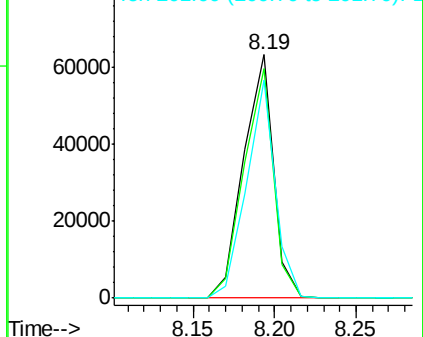


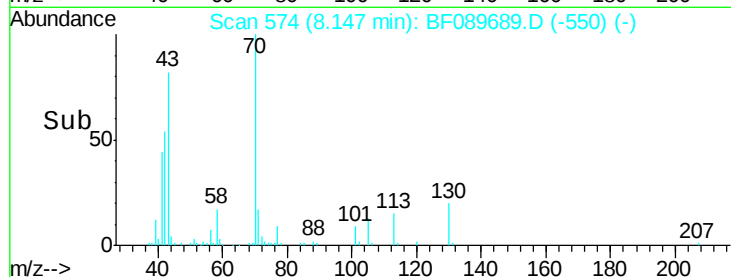
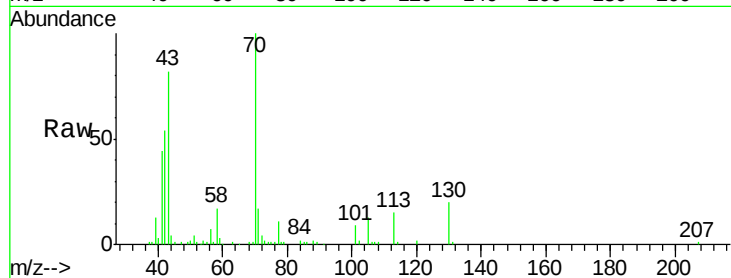
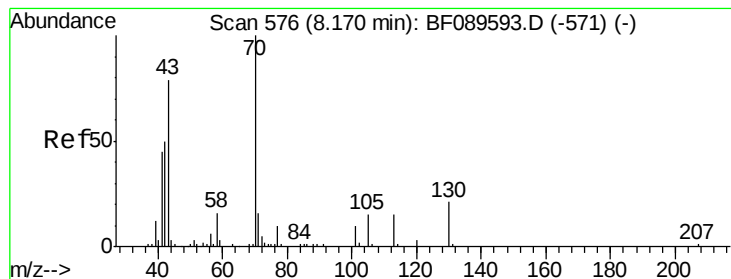
#18
Hexachloroethane
Concen: 34.64 ng
RT: 8.19 min Scan# 578
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion:117 Resp: 80709
Ion Ratio Lower Upper
117 100
119 94.2 75.7 113.5
201 89.7 71.6 107.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.67 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampled :

Tgt Ion: 70 Resp: 145320

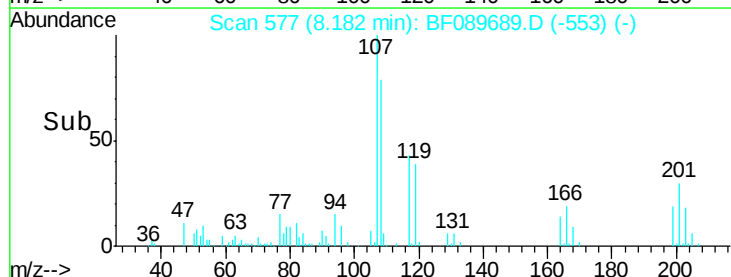
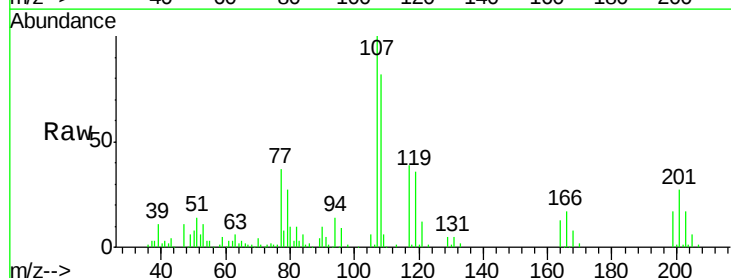
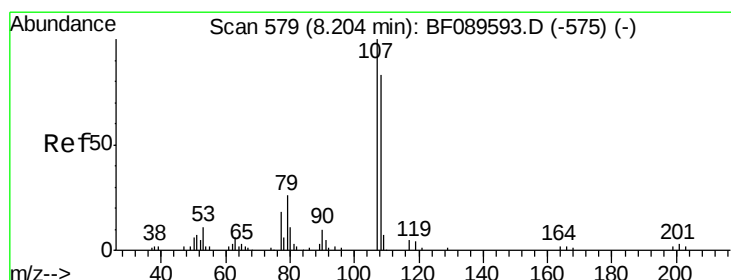
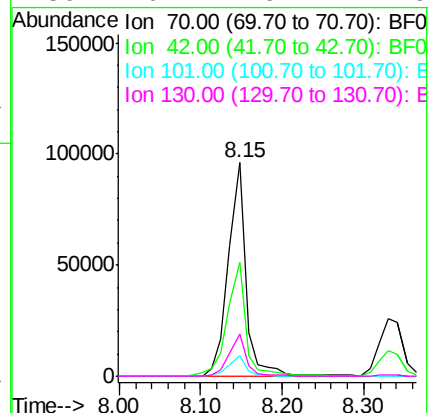
Ion Ratio Lower Upper

70 100

42 53.6 40.2 60.2

101 9.4 7.8 11.6

130 20.1 16.4 24.6



#20

3+4-Methylphenols

Concen: 39.58 ng

RT: 8.18 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Tgt Ion: 107 Resp: 184195

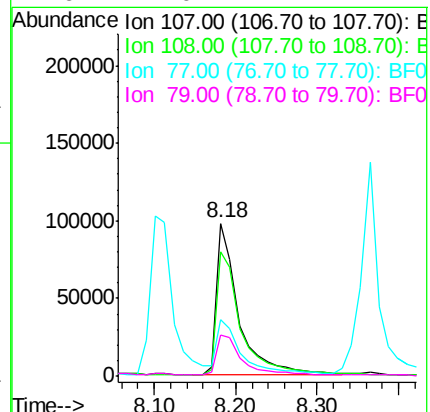
Ion Ratio Lower Upper

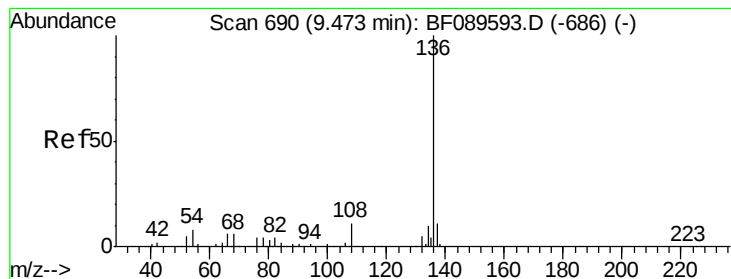
107 100

108 81.5 63.8 103.8

77 37.2 19.5 59.5

79 27.0 7.1 47.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF089689.D

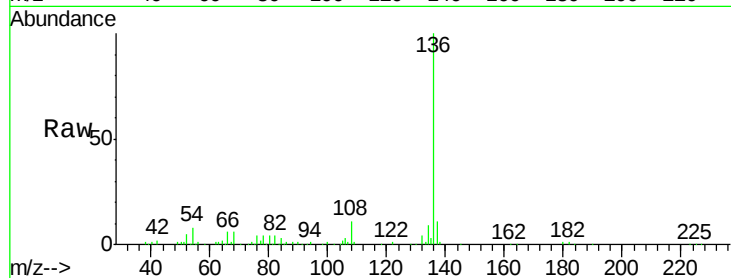
Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	136	Resp:	291677
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	8.1	6.0	9.0
68	6.1	4.6	6.8



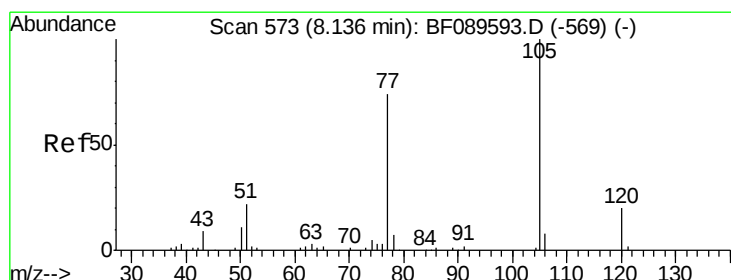
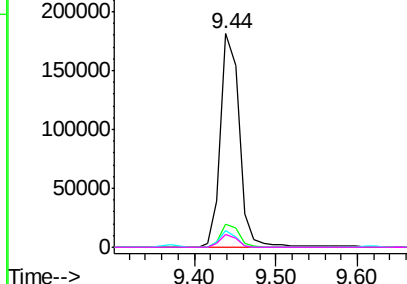
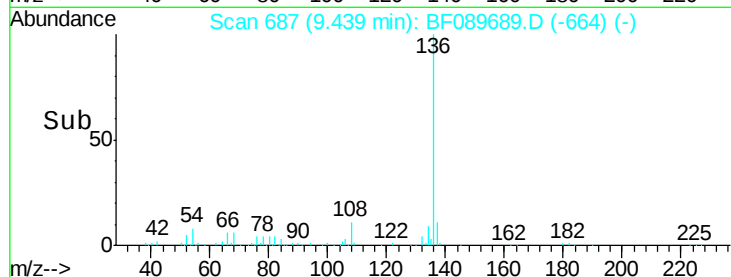
Abundance

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: 37.03 ng

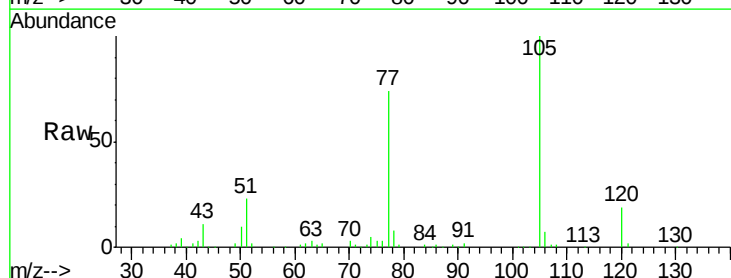
RT: 8.11 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Tgt Ion:	105	Resp:	257514
Ion Ratio	Lower	Upper	
105	100		
71	0.5	0.0	0.0#
51	23.0	18.2	27.2
120	19.2	15.7	23.5



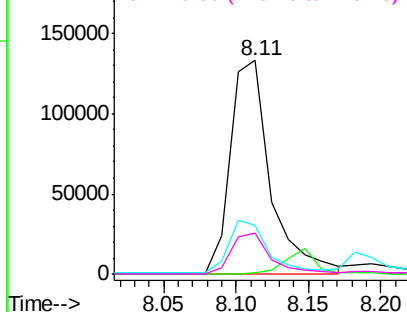
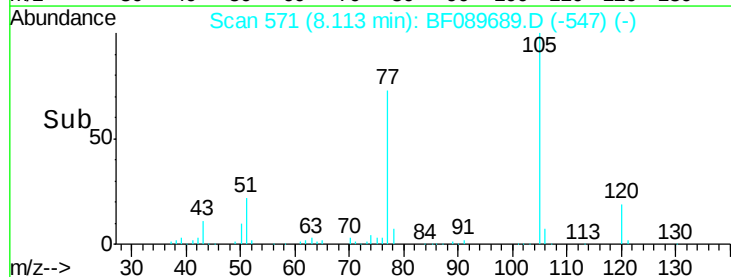
Abundance

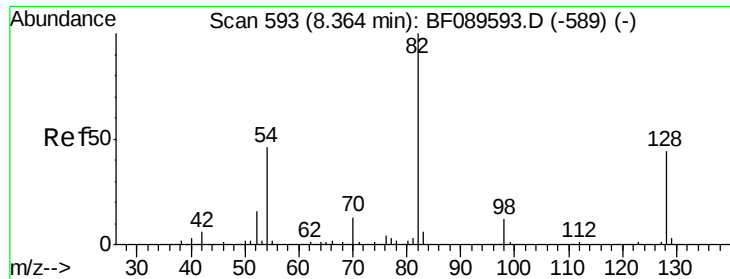
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

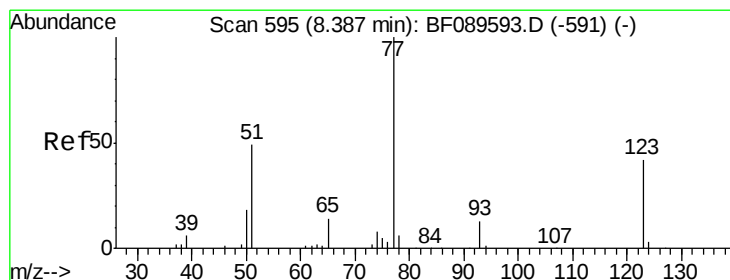
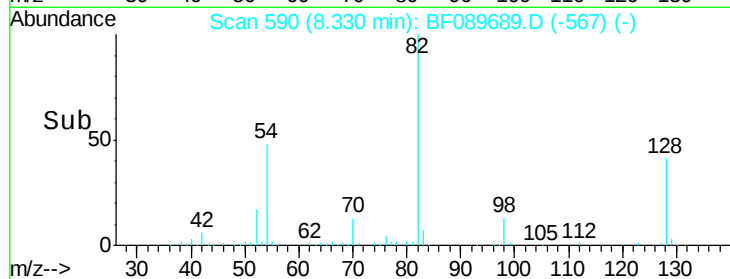
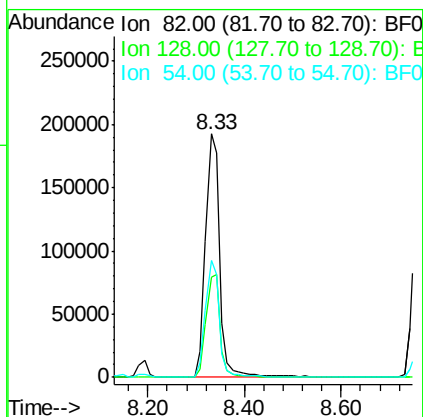
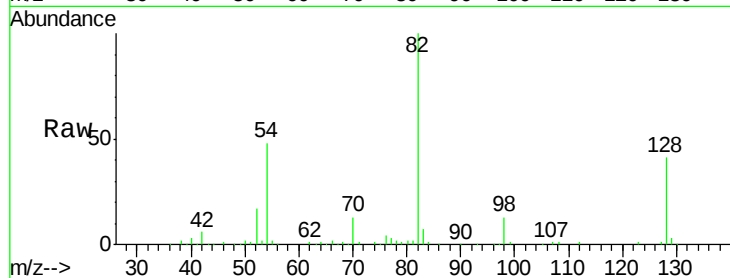




#23
Nitrobenzene-d5
Concen: 76.26 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

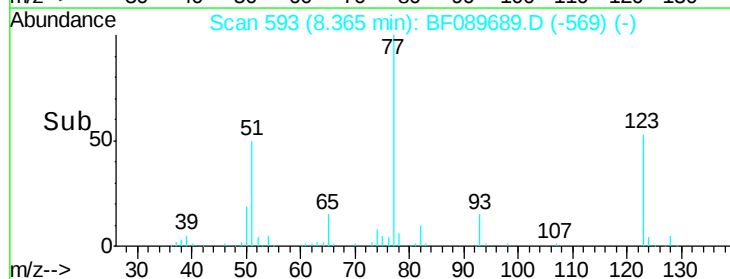
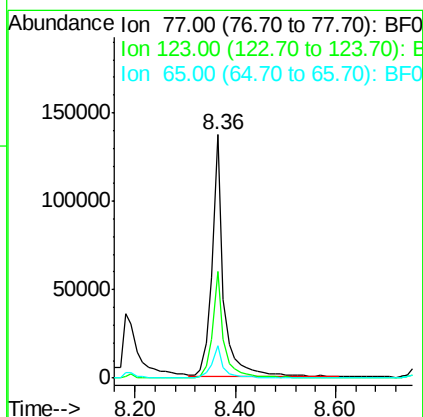
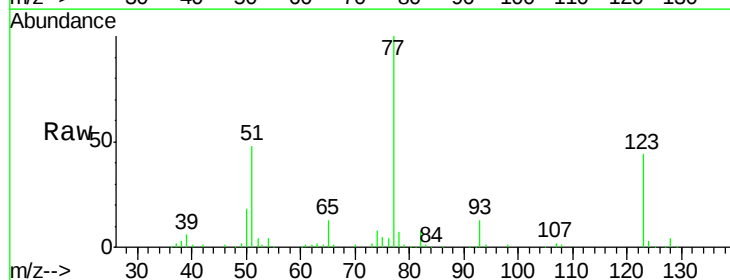
Instrument :
BNA_F
ClientSampleId :

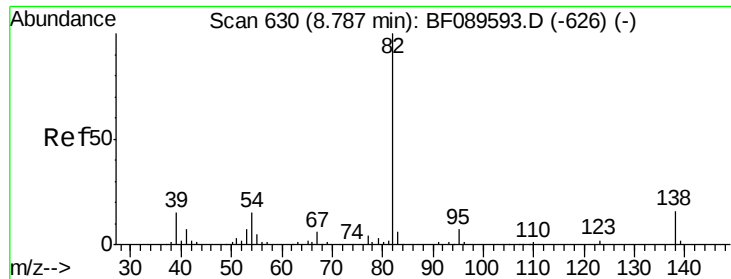
Tgt Ion: 82 Resp: 402156
Ion Ratio Lower Upper
82 100
128 41.0 35.4 53.0
54 48.3 36.4 54.6



#24
Nitrobenzene
Concen: 43.14 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion: 77 Resp: 216066
Ion Ratio Lower Upper
77 100
123 43.8 32.6 49.0
65 13.1 11.0 16.6





#25

Isophorone

Concen: 37.58 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampled :

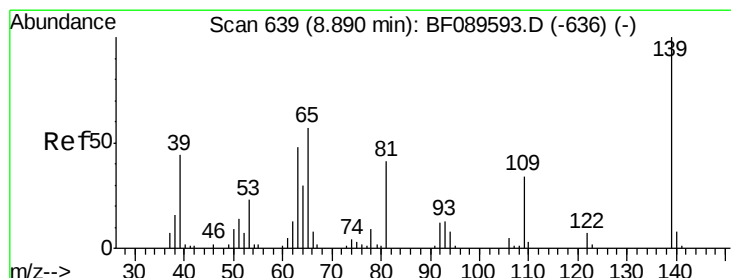
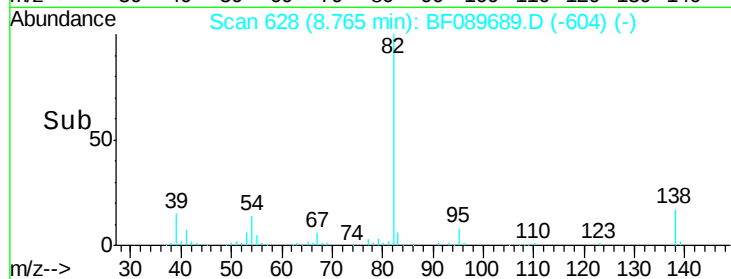
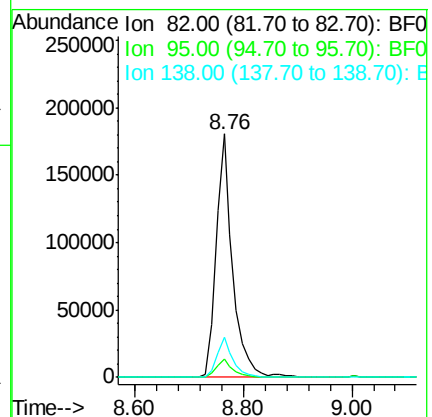
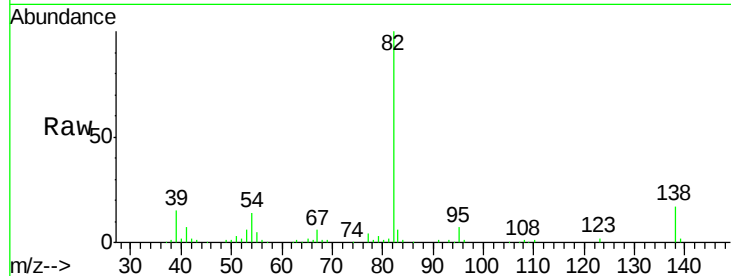
Tgt Ion: 82 Resp: 379422

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

138 16.6 12.6 18.8



#26

2-Nitrophenol

Concen: 42.18 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.02 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

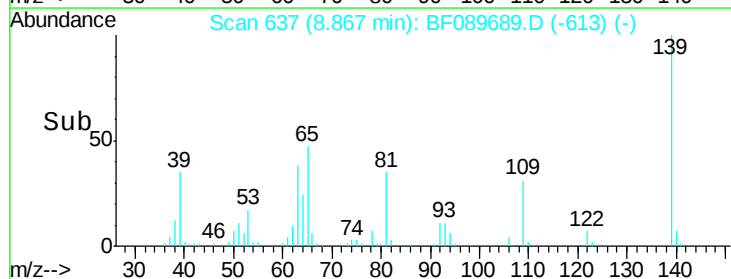
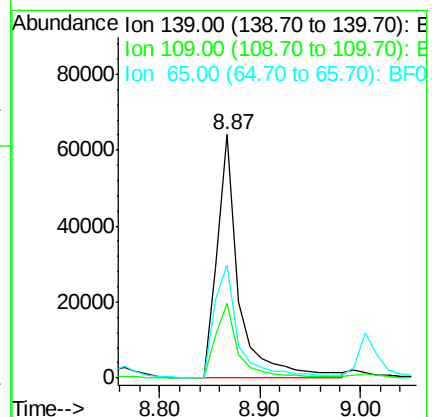
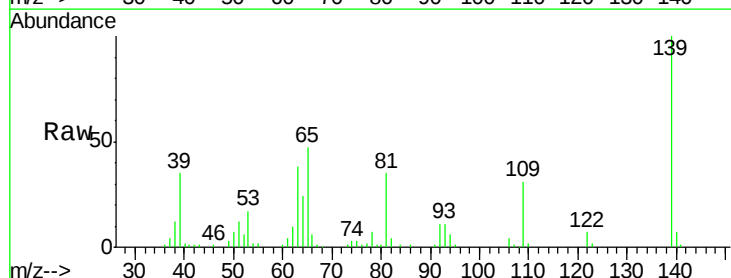
Tgt Ion: 139 Resp: 96965

Ion Ratio Lower Upper

139 100

109 30.7 27.5 41.3

65 46.6 45.7 68.5

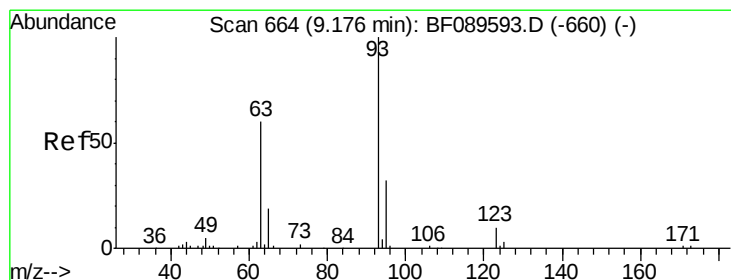
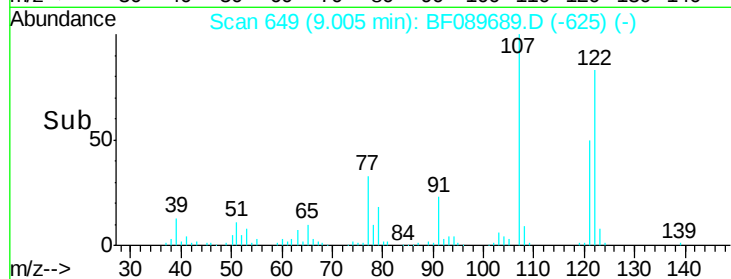
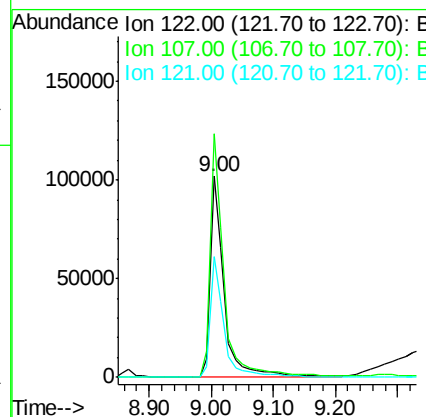
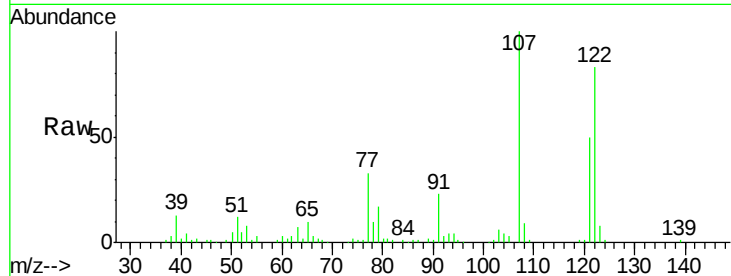




#27
 2,4-Dimethylphenol
 Concen: 38.34 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

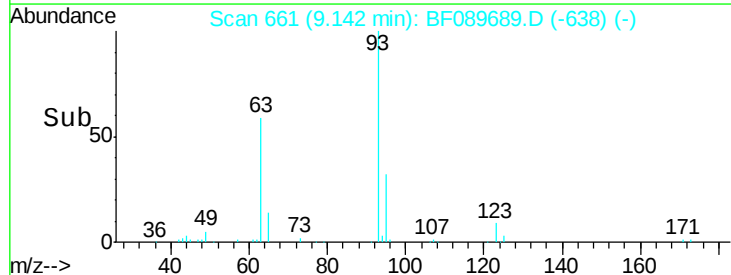
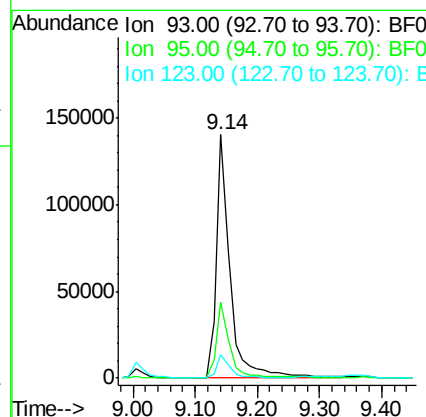
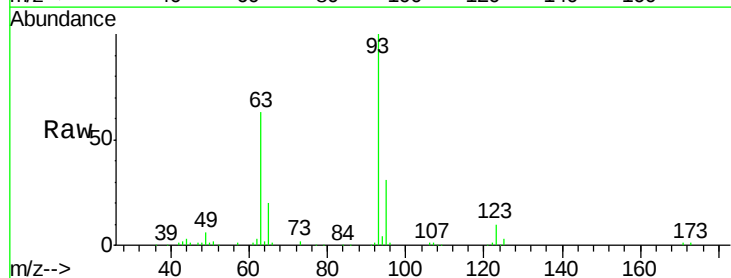
Instrument :
 BNA_F
 ClientSampleId :

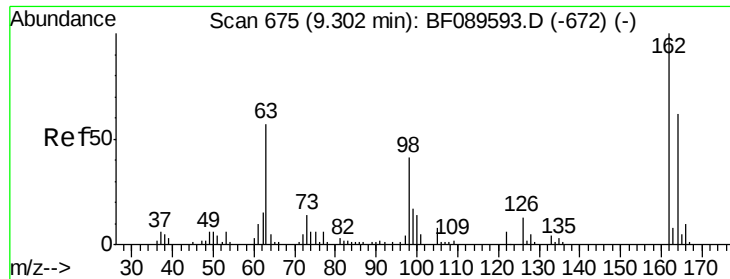
Tgt Ion:122 Resp: 158438
 Ion Ratio Lower Upper
 122 100
 107 121.2 99.5 149.3
 121 60.2 48.5 72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.12 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion: 93 Resp: 214555
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.8 38.8
 123 9.5 8.0 12.0

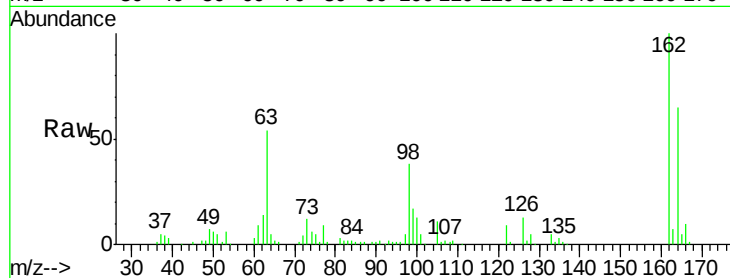




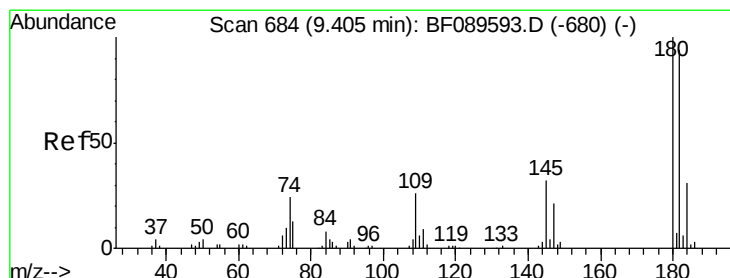
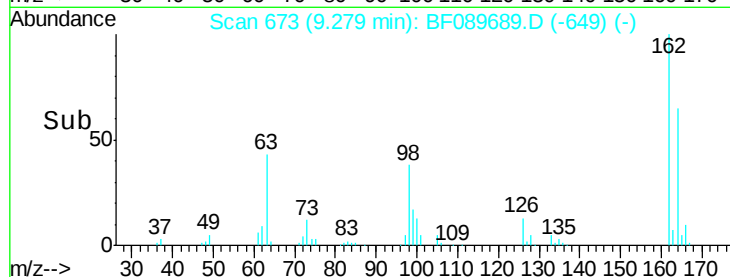
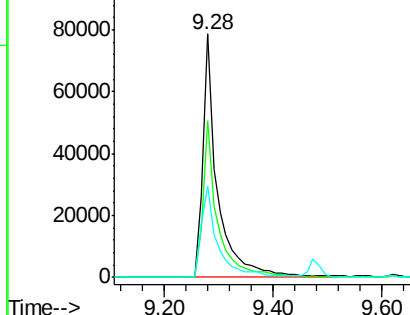
#29
 2,4-Dichlorophenol
 Concen: 37.42 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.3	82.3
98	37.5	21.2	61.2

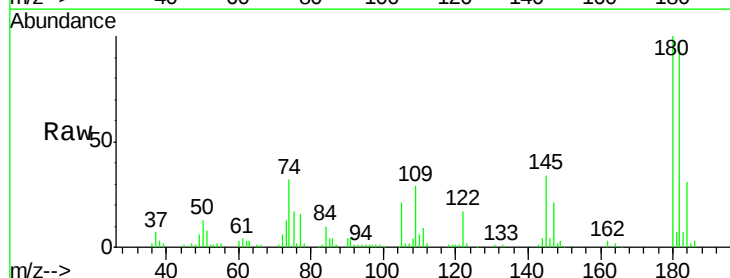


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

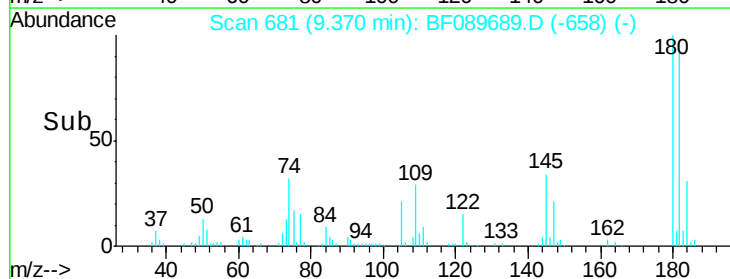
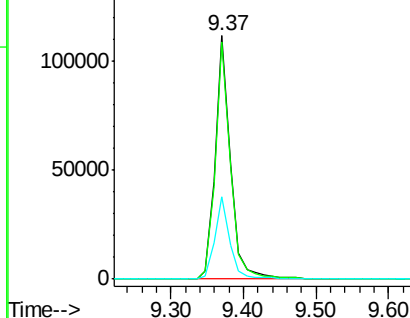


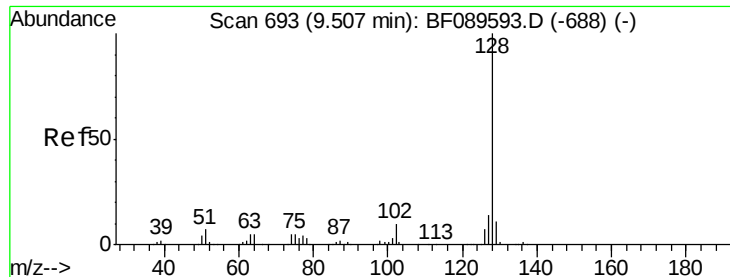
#30
 1,2,4-Trichlorobenzene
 Concen: 36.78 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.0	112.6
145	33.8	25.6	38.4



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

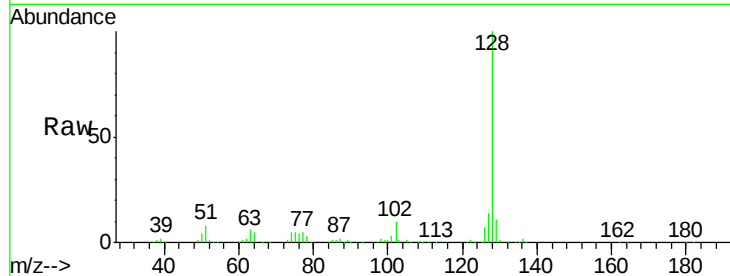




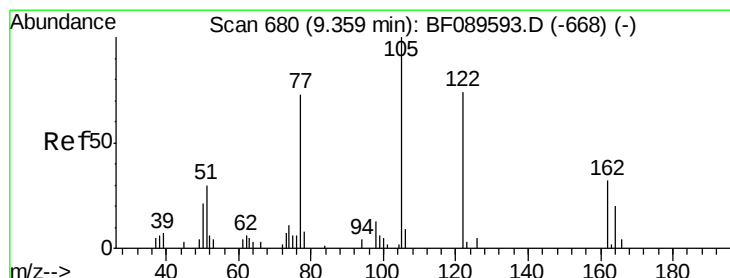
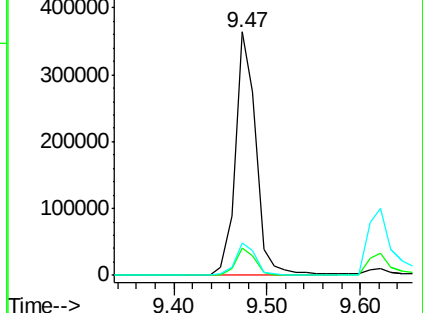
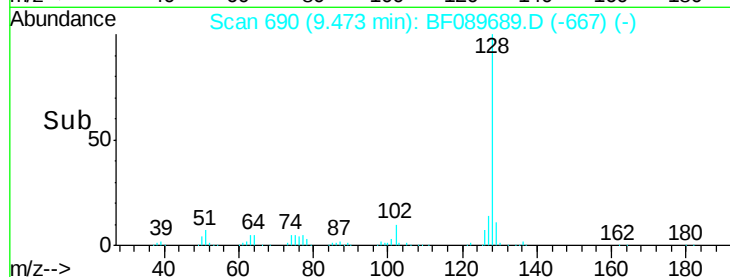
#31
Naphthalene
Concen: 36.15 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 560475
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.6 10.9 16.3

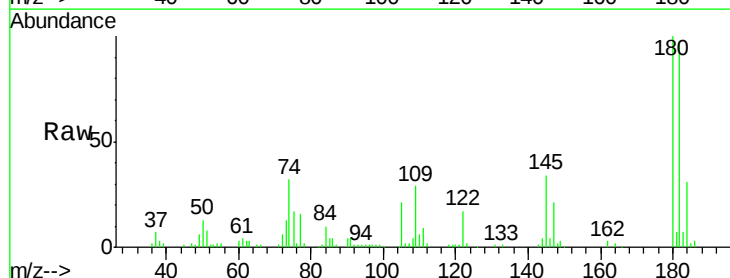


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

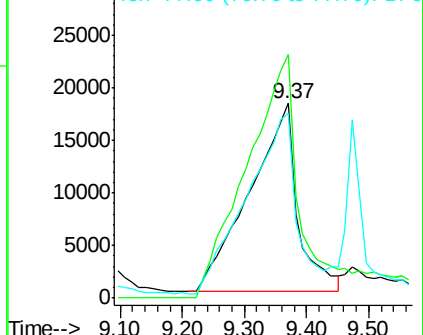
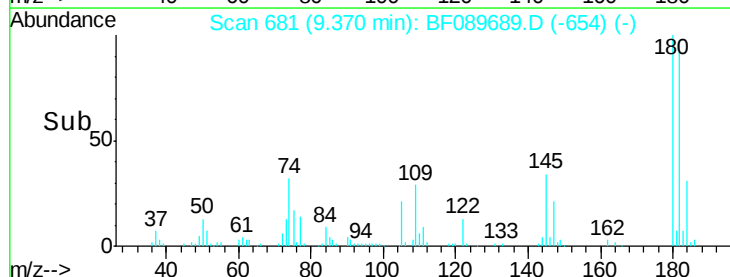


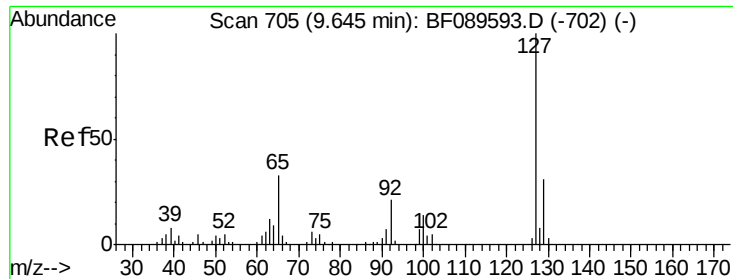
#32
Benzoic acid
Concen: 36.64 ng
RT: 9.37 min Scan# 681
Delta R.T. 0.01 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion:122 Resp: 95125
Ion Ratio Lower Upper
122 100
105 125.1 109.9 149.9
77 94.7 77.5 117.5



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

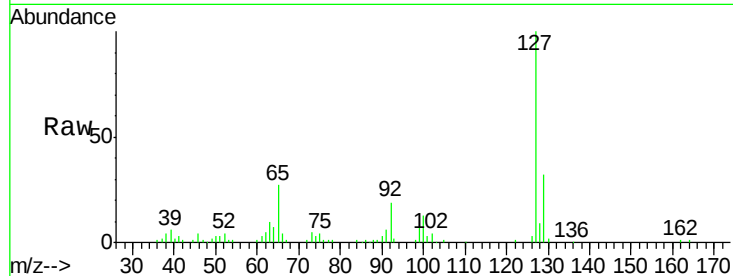




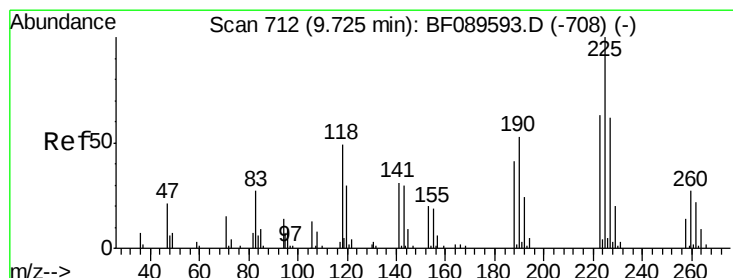
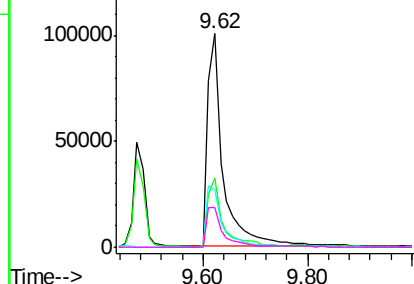
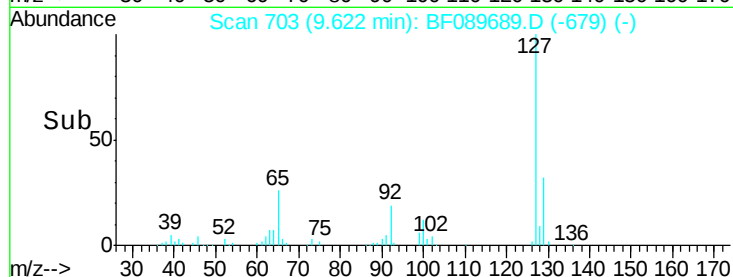
#33
4-Chloroaniline
Concen: 35.98 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	127	Resp:	209507
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.1	37.7
65	27.0	26.2	39.2
92	18.6	16.9	25.3

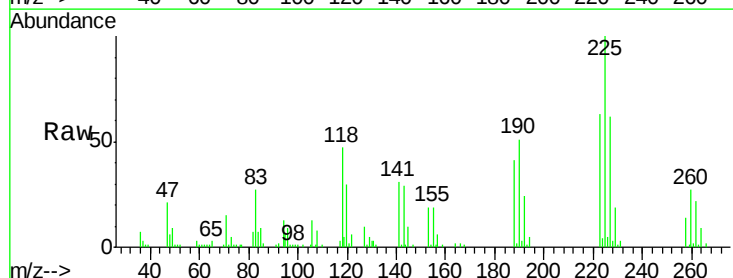


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

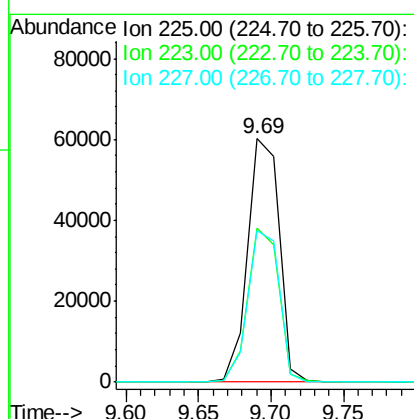
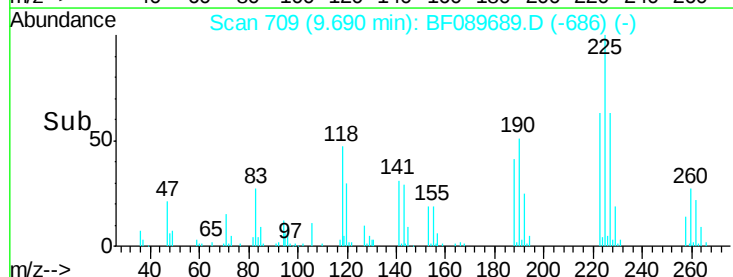


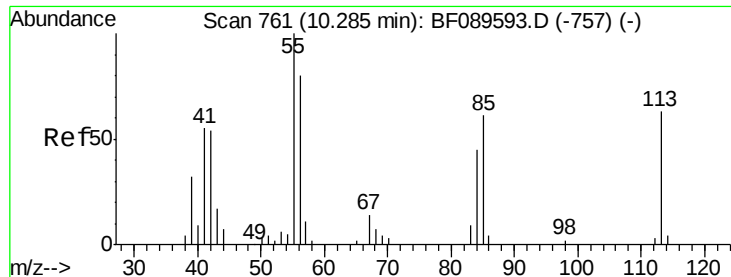
#34
Hexachlorobutadiene
Concen: 35.39 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion:	225	Resp:	91012
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	62.4	49.4	74.0



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





#35

Caprolactam

Concen: 30.10 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampled :

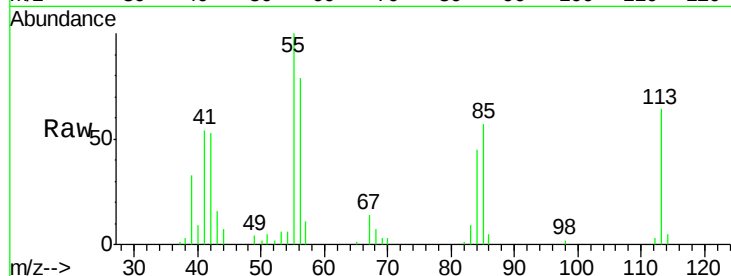
Tgt Ion:113 Resp: 34303

Ion Ratio Lower Upper

113 100

55 156.6 139.6 179.6

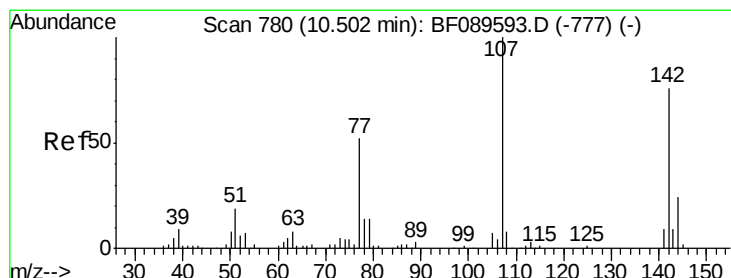
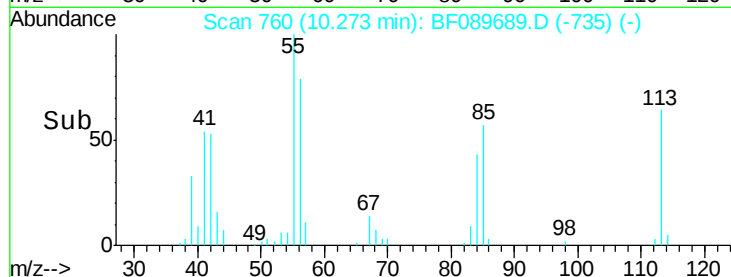
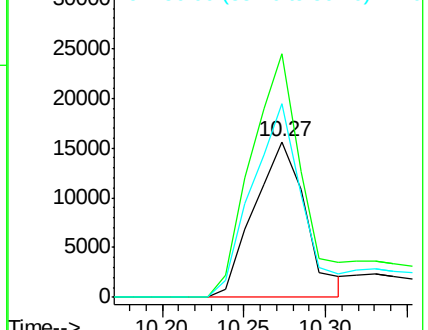
56 124.5 108.2 148.2



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: 39.25 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.02 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

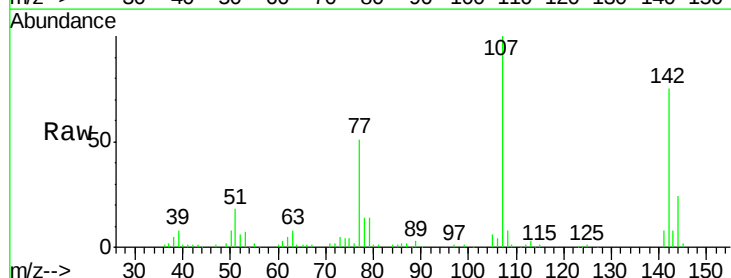
Tgt Ion:107 Resp: 178413

Ion Ratio Lower Upper

107 100

144 24.1 18.9 28.3

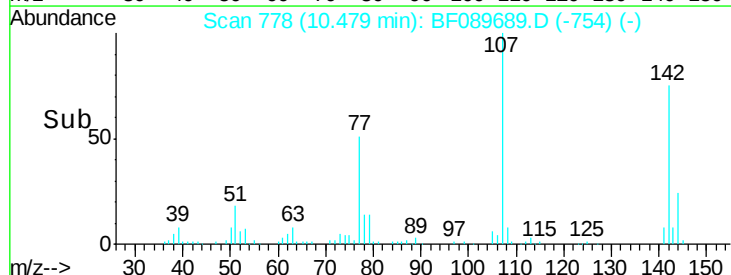
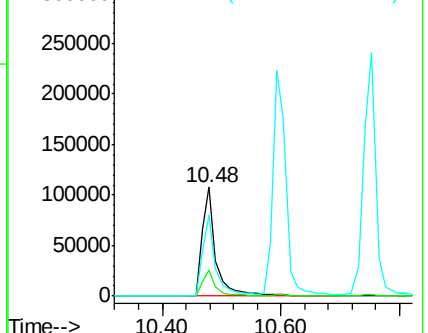
142 74.7 60.4 90.6

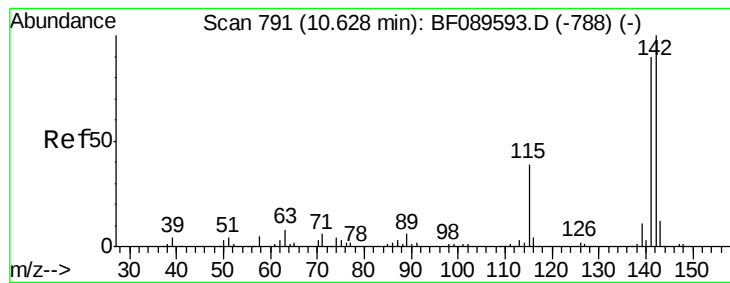


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.60 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.03 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampleId :

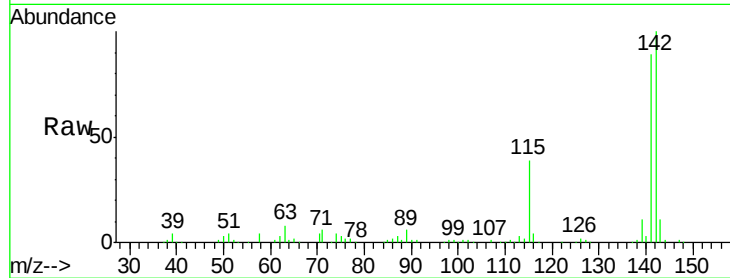
Tgt Ion:142 Resp: 339428

Ion Ratio Lower Upper

142 100

141 89.3 71.8 107.6

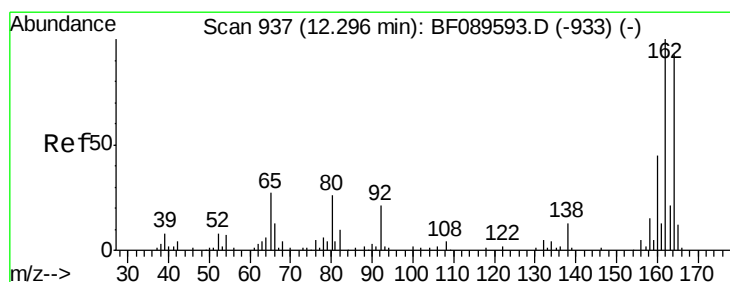
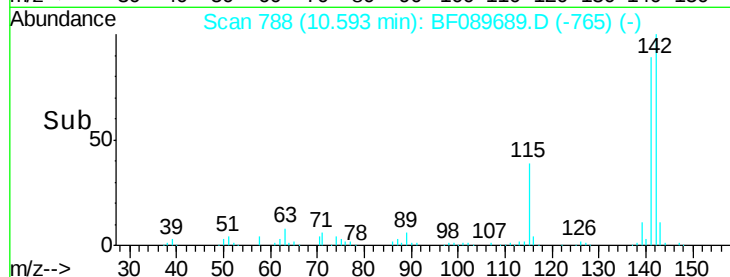
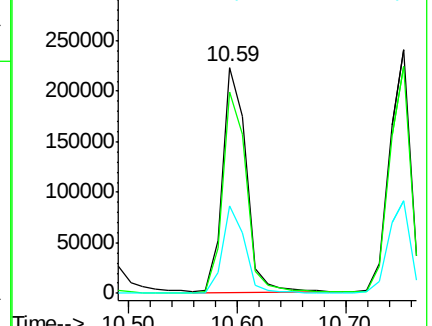
115 38.8 31.0 46.4



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: 12.26 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

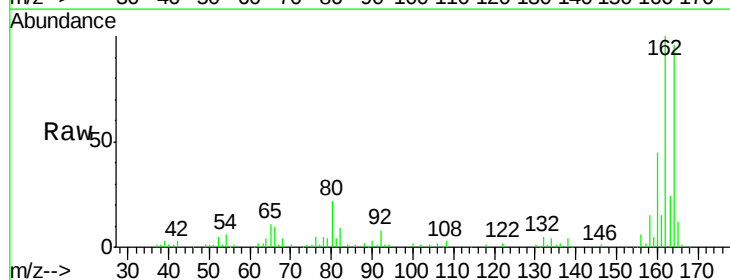
Tgt Ion:164 Resp: 132725

Ion Ratio Lower Upper

164 100

162 104.5 85.7 128.5

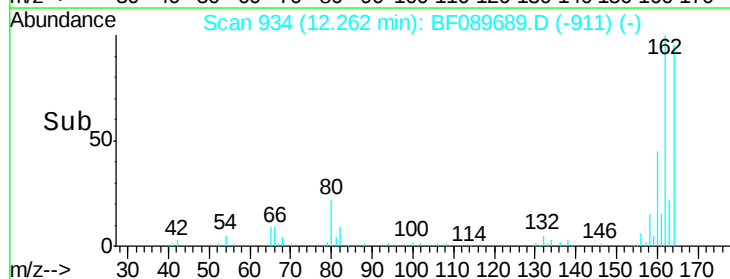
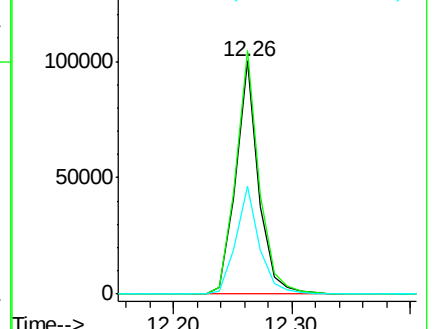
160 46.6 38.2 57.4

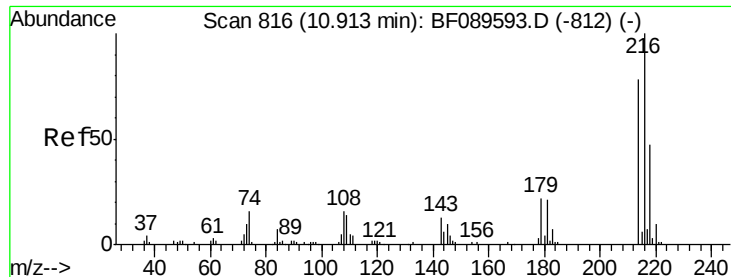


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

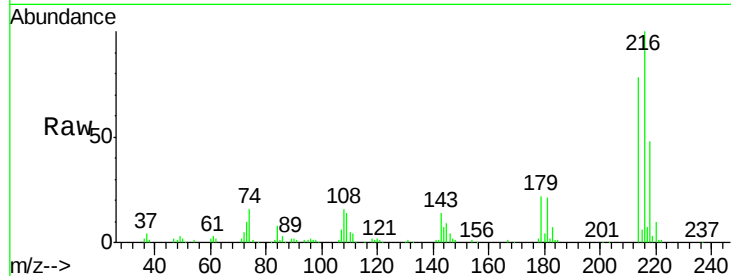




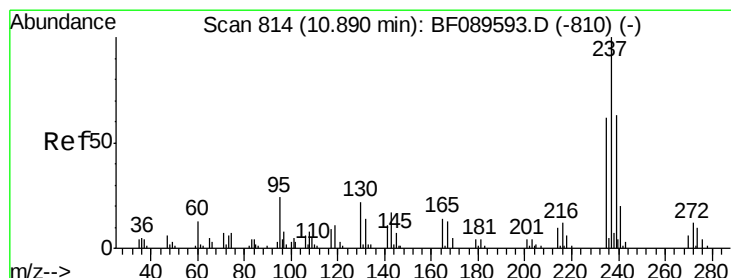
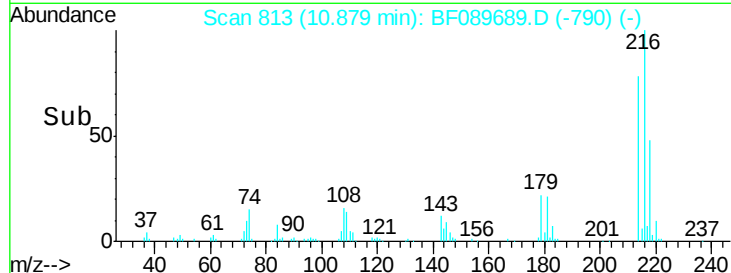
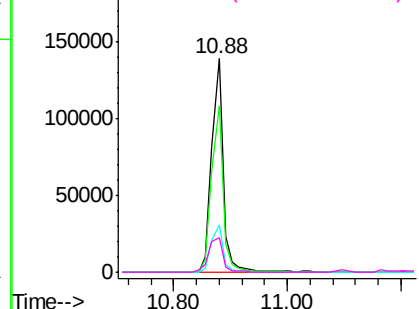
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.85 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	216	Resp:	188804
Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	94.0
179	22.7	17.8	26.8
108	20.4	16.3	24.5

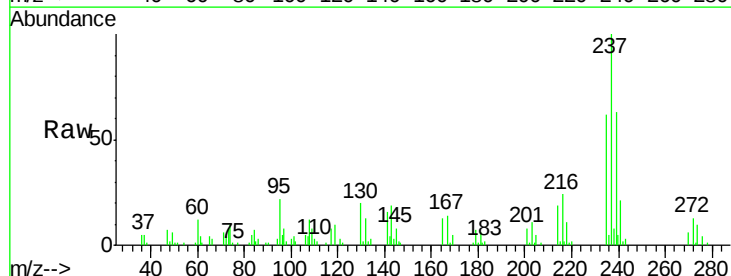


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

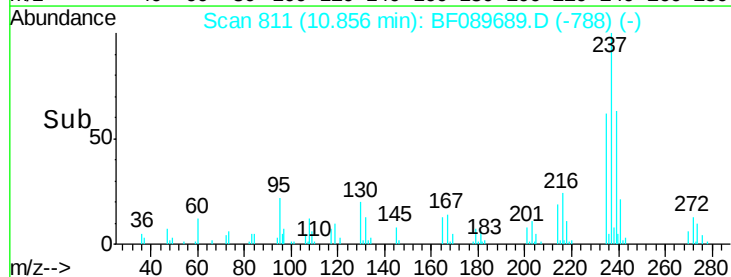
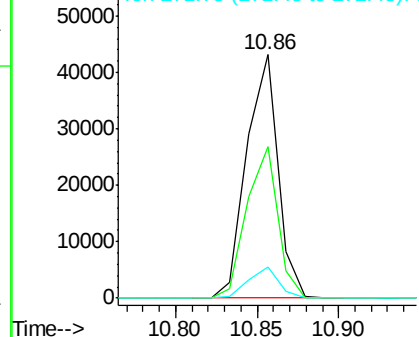


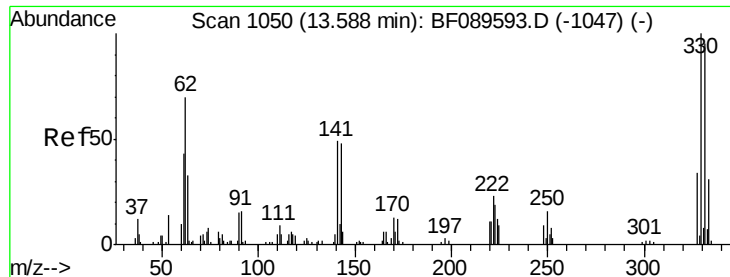
#40
 Hexachlorocyclopentadiene
 Concen: 38.50 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion:	237	Resp:	57323
Ion	Ratio	Lower	Upper
237	100		
235	62.0	41.9	81.9
272	12.6	0.0	32.4



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

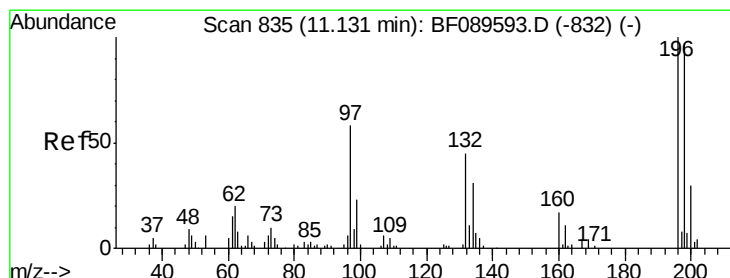
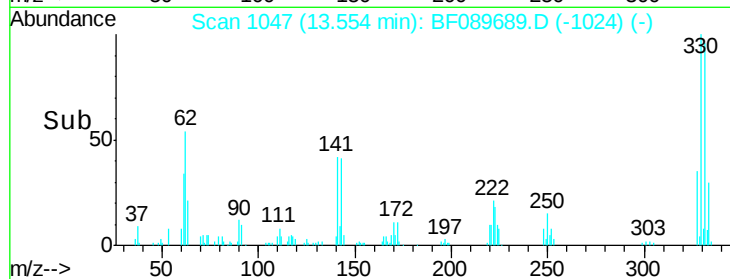
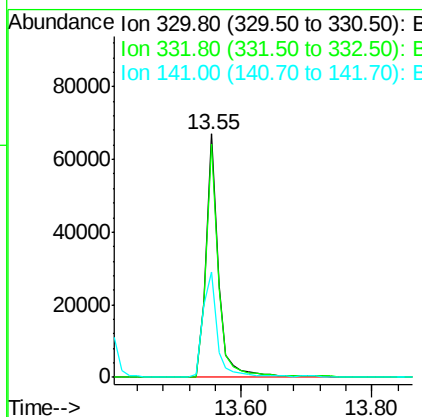
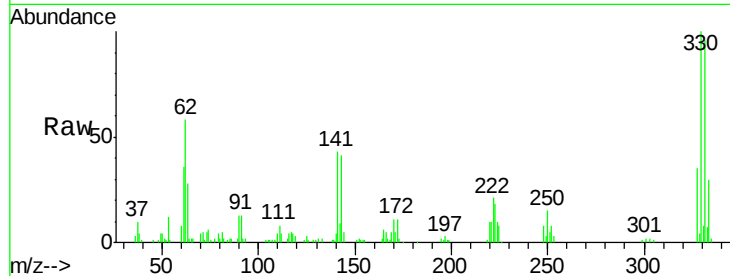




#41
 2,4,6-Tribromophenol
 Concen: 82.05 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

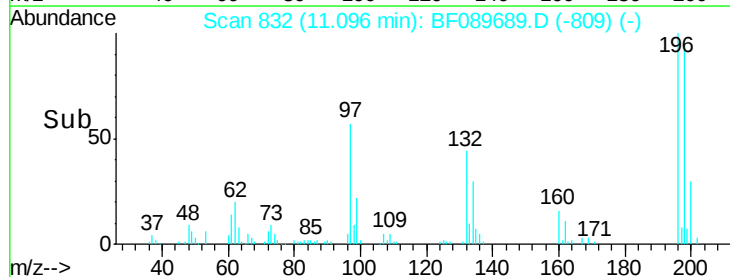
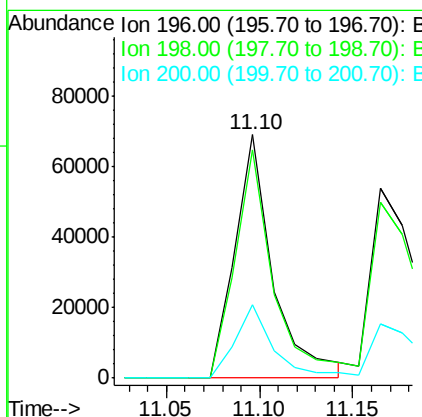
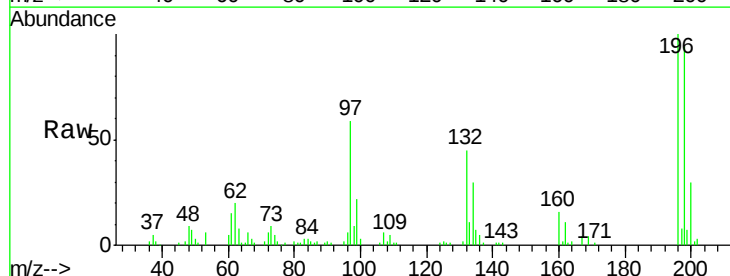
Instrument :
 BNA_F
 ClientSampled :

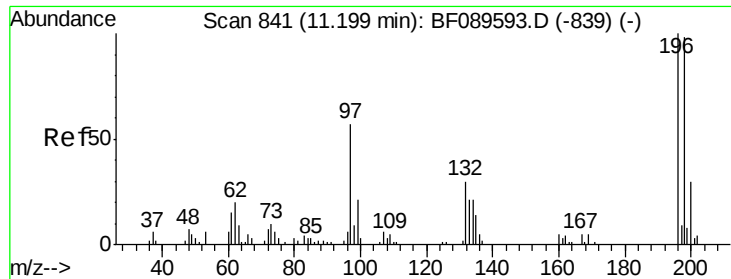
Tgt Ion:330 Resp: 89864
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 48.8 38.6 57.8



#42
 2,4,6-Trichlorophenol
 Concen: 40.17 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion:196 Resp: 98832
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.6 116.4
 200 30.0 23.8 35.8

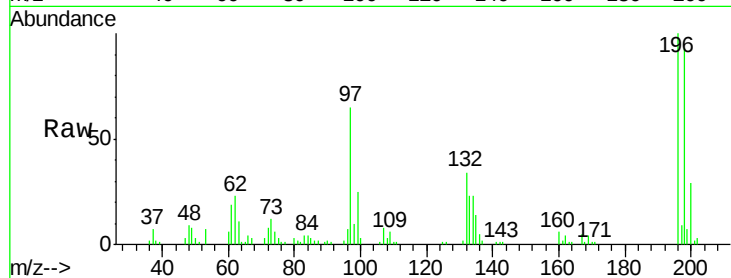




#43
 2,4,5-Trichlorophenol
 Concen: 41.80 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Resp	Lower	Upper
196	109919		
196	100		
198	92.7	77.8	116.6
97	64.8	45.8	68.6
132	34.2	25.1	37.7



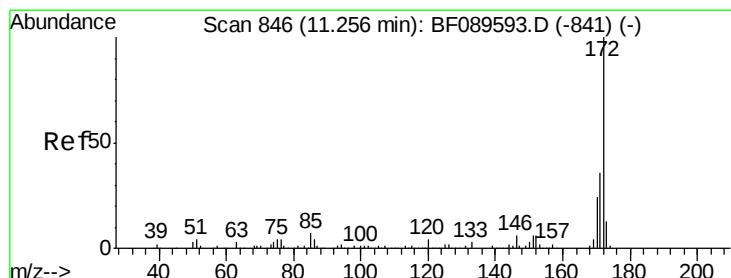
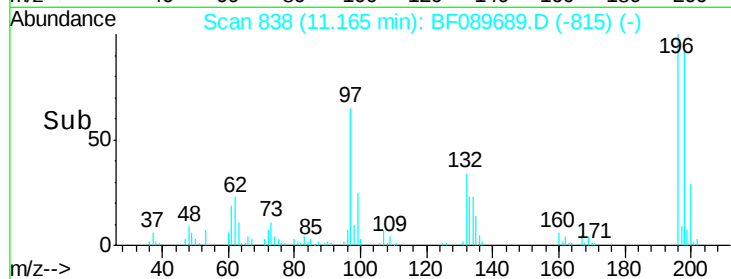
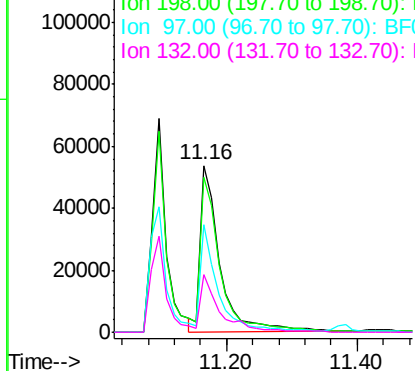
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

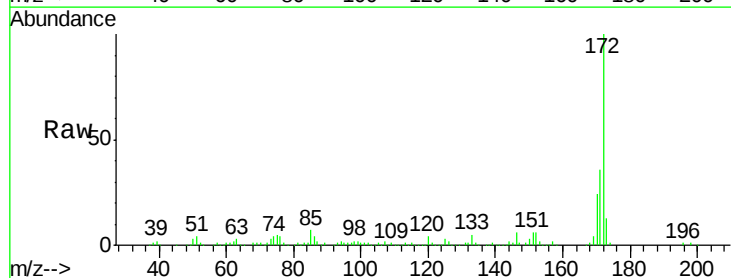
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 69.84 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion	Resp	Lower	Upper
172	713195		
172	100		
171	35.8	28.9	43.3
170	23.8	19.0	28.6

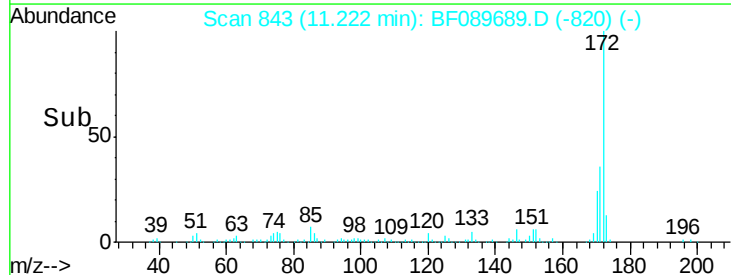
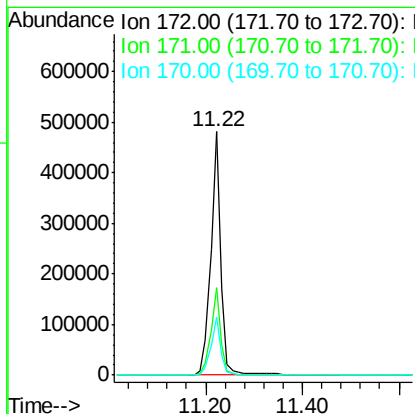


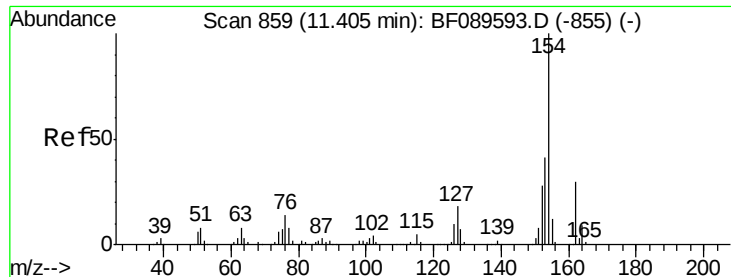
Abundance

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

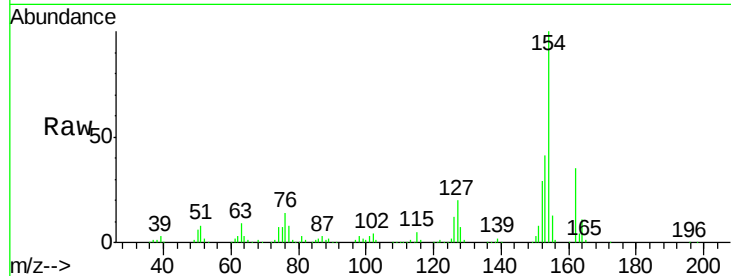




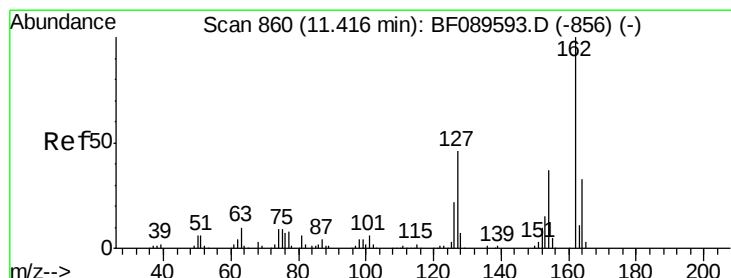
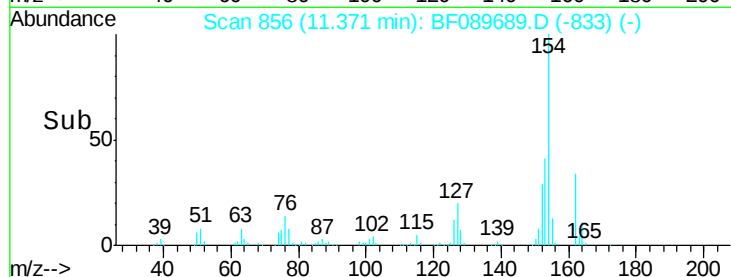
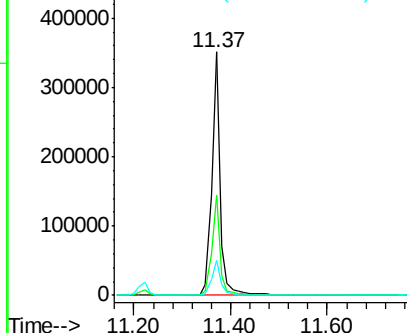
#45
 1,1'-Biphenyl
 Concen: 36.68 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:154 Resp: 438990
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.6 60.6
 76 14.2 0.0 33.7

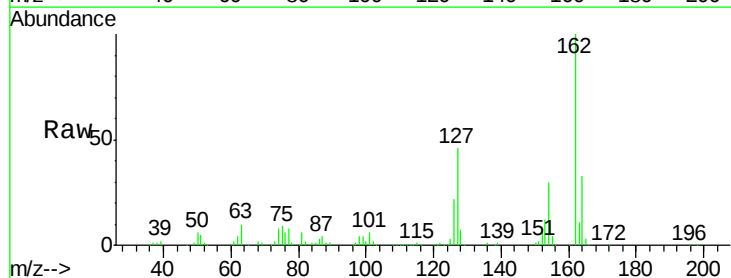


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

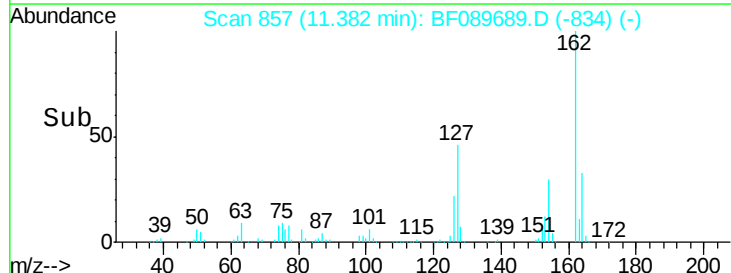
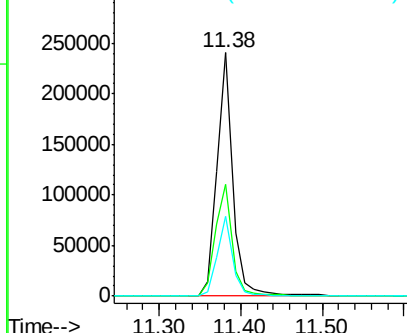


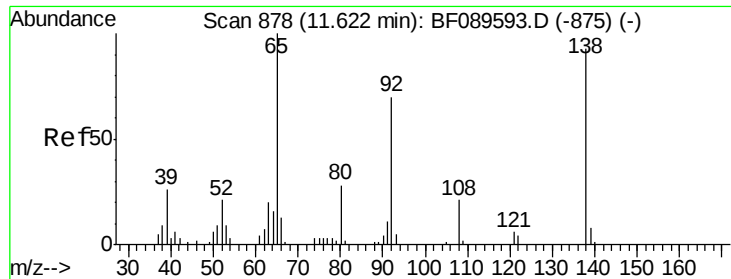
#46
 2-Chloronaphthalene
 Concen: 36.45 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion:162 Resp: 327091
 Ion Ratio Lower Upper
 162 100
 127 45.8 36.6 54.8
 164 32.8 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

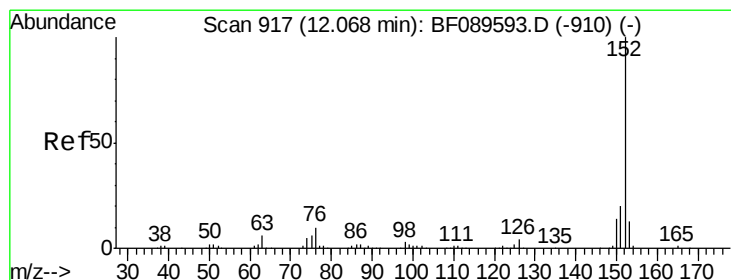
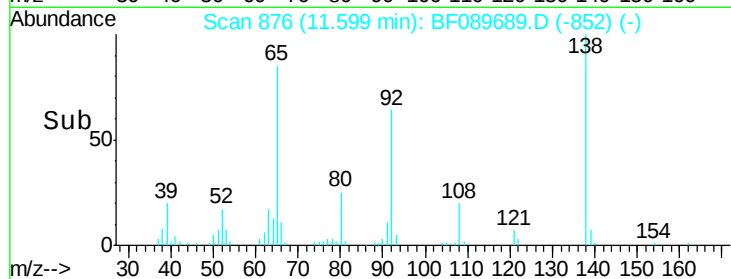
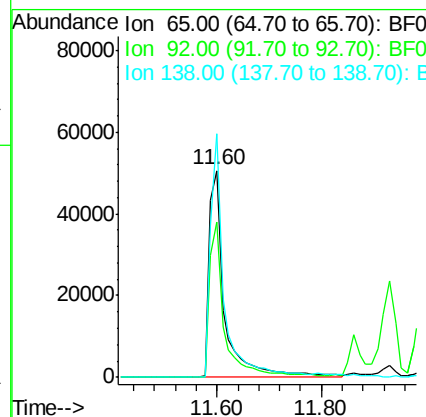
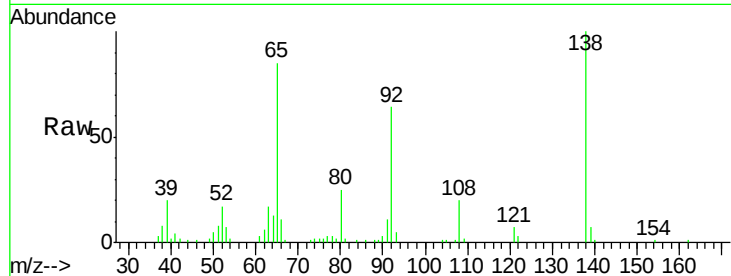




#47
 2-Nitroaniline
 Concen: 36.64 ng
 RT: 11.60 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

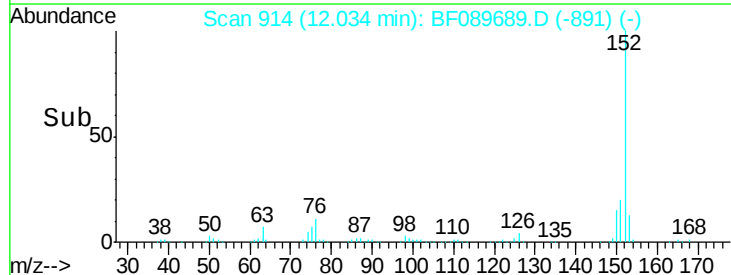
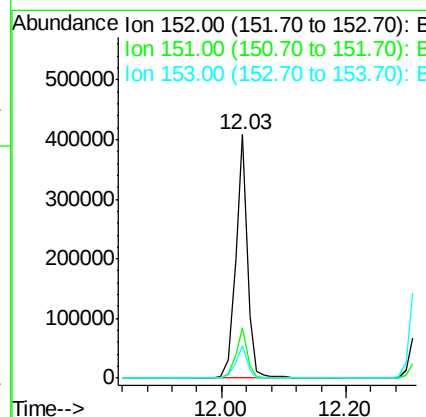
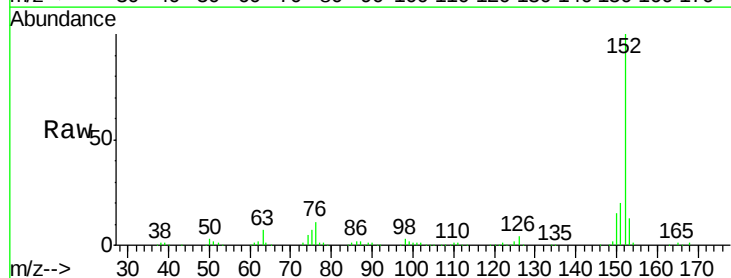
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 65 Resp: 105992
 Ion Ratio Lower Upper
 65 100
 92 75.0 56.3 84.5
 138 117.7 74.3 111.5#



#48
 Acenaphthylene
 Concen: 36.04 ng
 RT: 12.03 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion: 152 Resp: 532794
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.2 24.4
 153 13.2 10.5 15.7

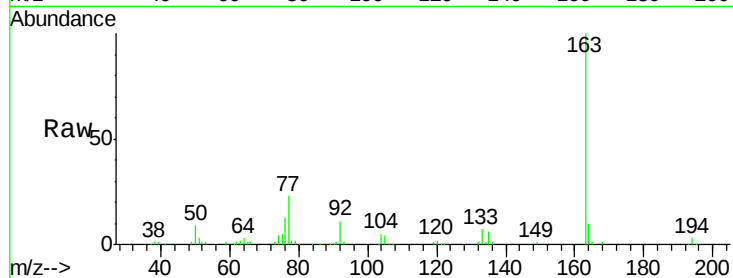




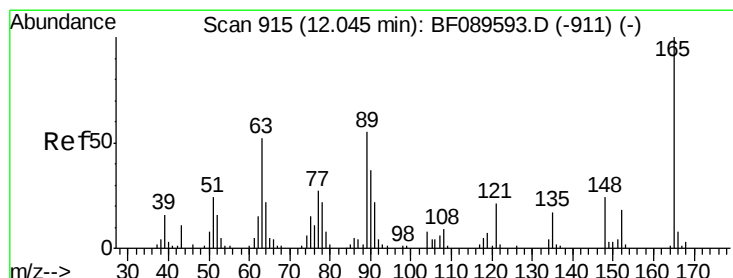
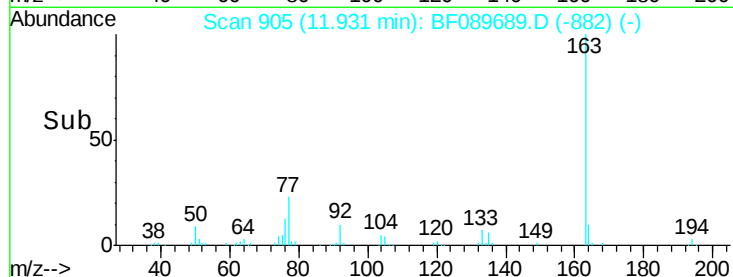
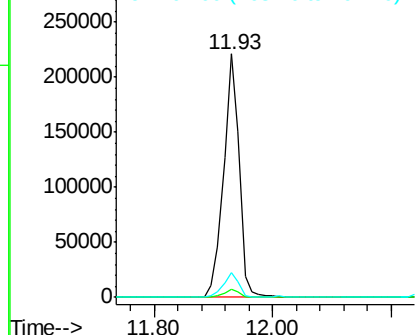
#49
Dimethylphthalate
Concen: 38.86 ng
RT: 11.93 min Scan# 905
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 404216
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 7.8 11.6

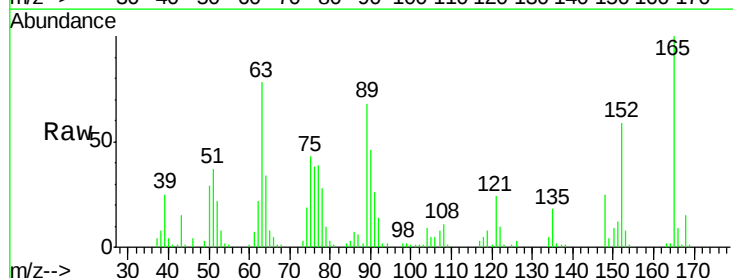


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

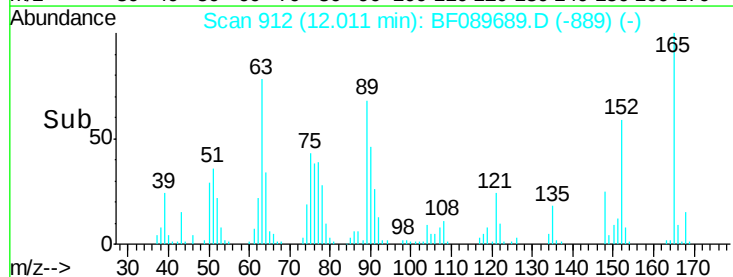
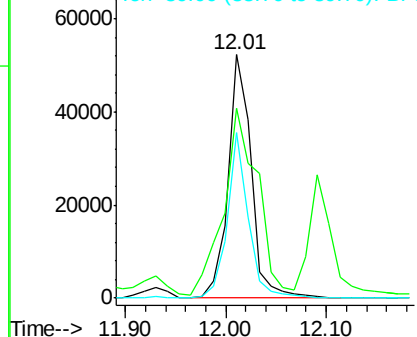


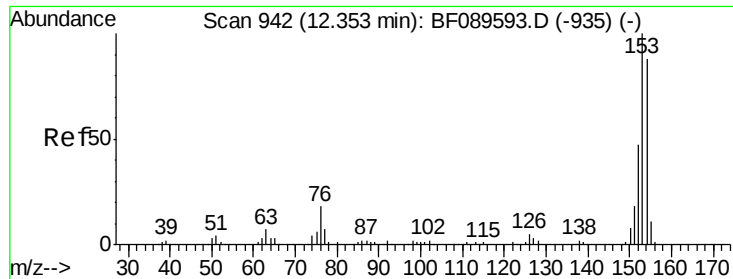
#50
2,6-Dinitrotoluene
Concen: 40.32 ng
RT: 12.01 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion:165 Resp: 83400
Ion Ratio Lower Upper
165 100
63 78.2 44.6 67.0#
89 68.0 44.2 66.2#



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

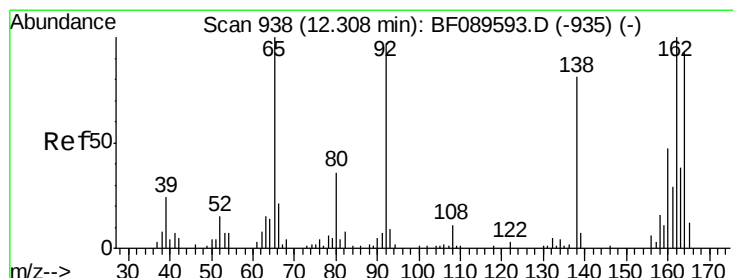
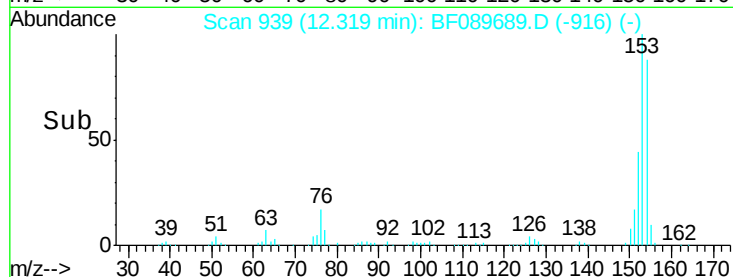
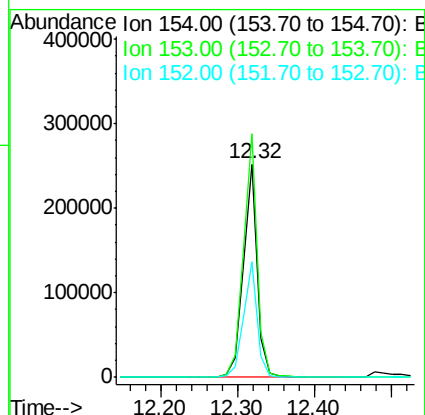
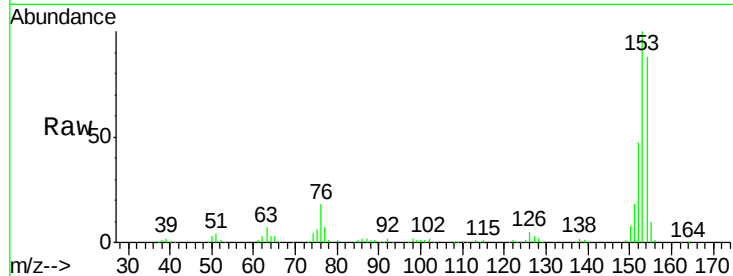




#51
Acenaphthene
Concen: 37.18 ng
RT: 12.32 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

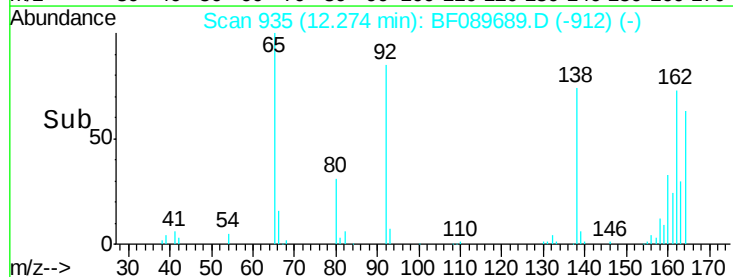
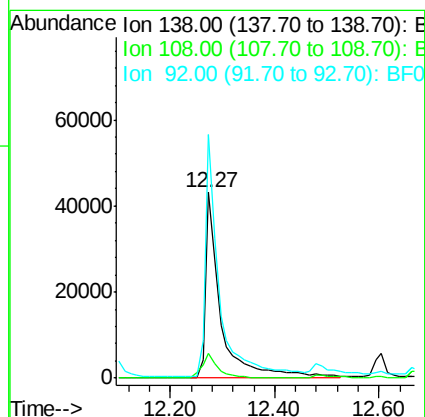
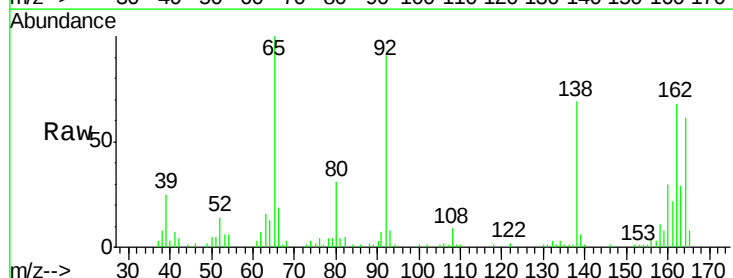
Instrument :
BNA_F
ClientSampleId :

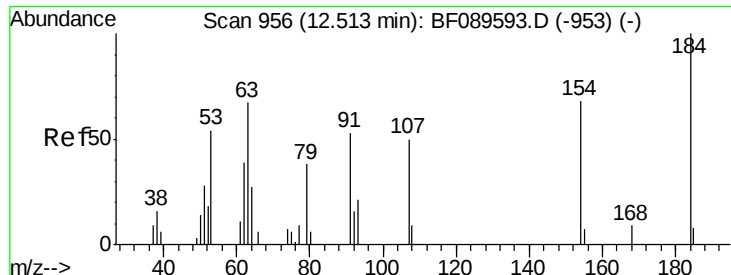
Tgt Ion:154 Resp: 317436
Ion Ratio Lower Upper
154 100
153 114.2 91.1 136.7
152 54.0 43.5 65.3



#52
3-Nitroaniline
Concen: 35.51 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion:138 Resp: 87843
Ion Ratio Lower Upper
138 100
108 13.7 10.7 16.1
92 131.0 96.6 145.0

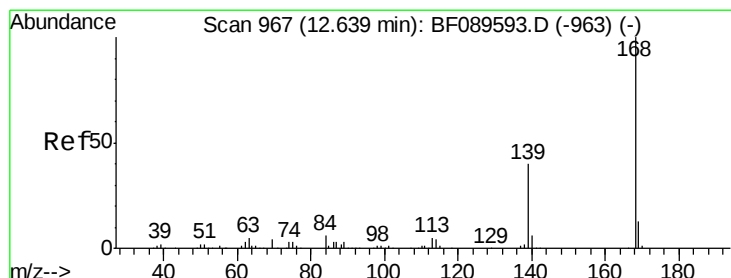
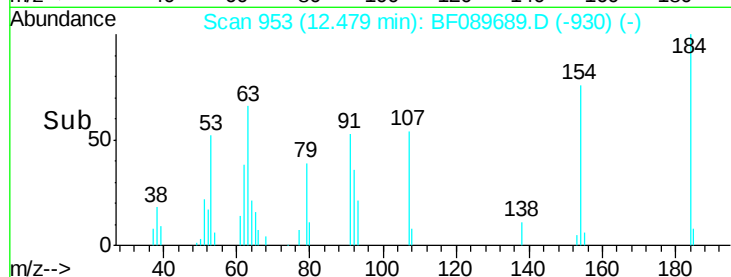
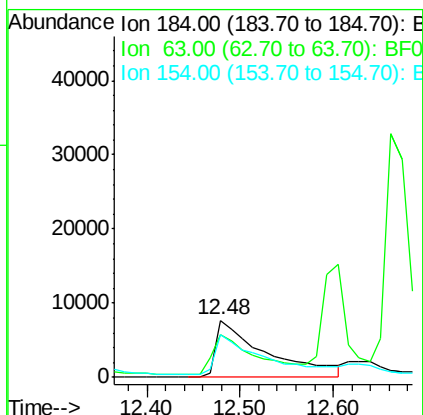
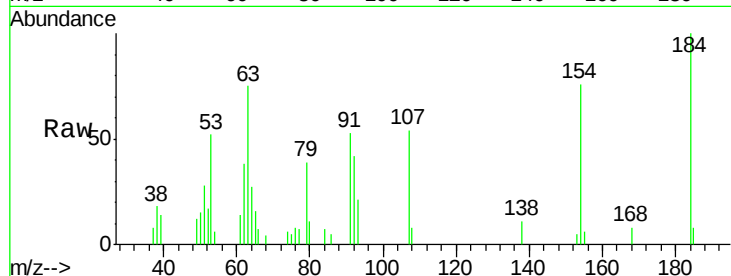




#53
2,4-Dinitrophenol
Concen: 40.38 ng
RT: 12.48 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

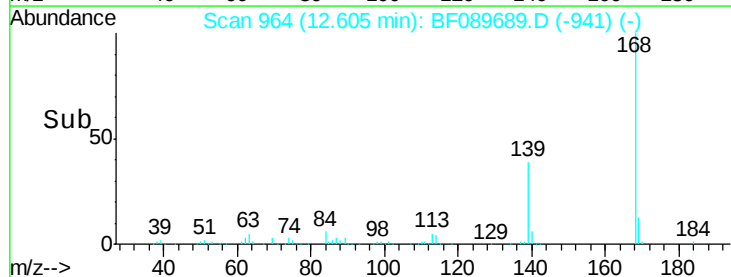
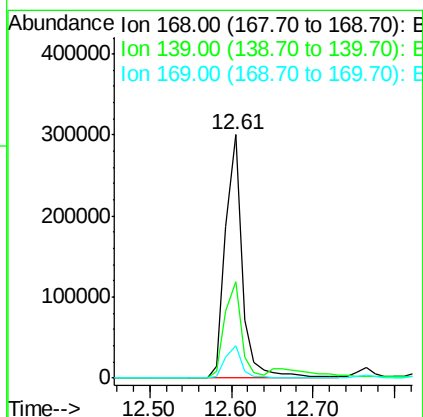
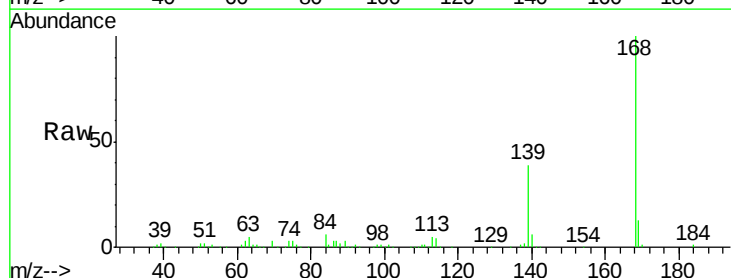
Instrument :
BNA_F
ClientSampleId :

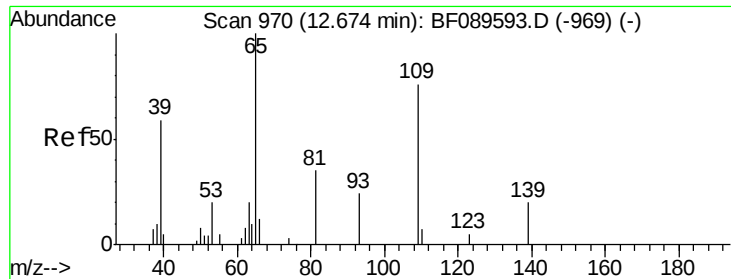
Tgt Ion:184 Resp: 28534
Ion Ratio Lower Upper
184 100
63 74.6 59.0 88.6
154 75.6 60.0 90.0



#54
Dibenzofuran
Concen: 37.14 ng
RT: 12.61 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion:168 Resp: 435912
Ion Ratio Lower Upper
168 100
139 39.4 32.3 48.5
169 13.1 10.6 15.8

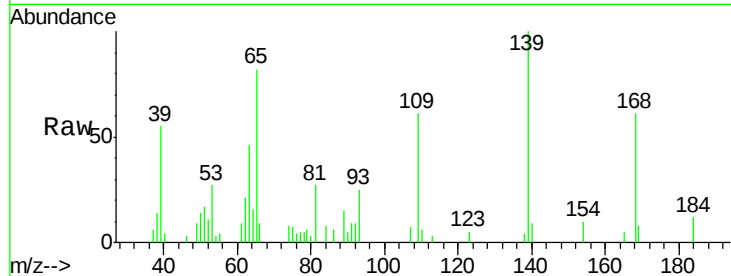




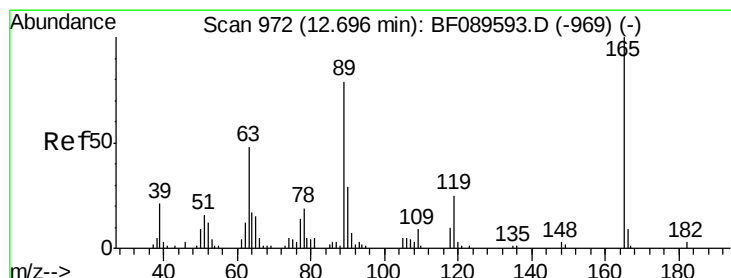
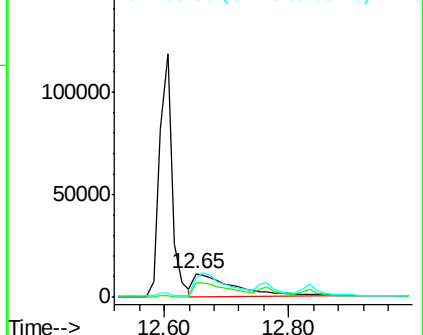
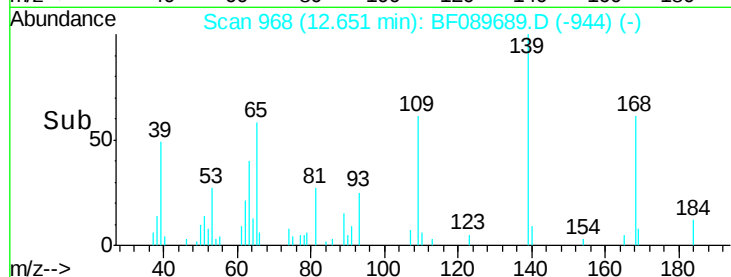
#55
4-Nitrophenol
Concen: 34.56 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 49485
Ion Ratio Lower Upper
139 100
109 60.9 28.9 68.9
65 81.7 49.2 89.2

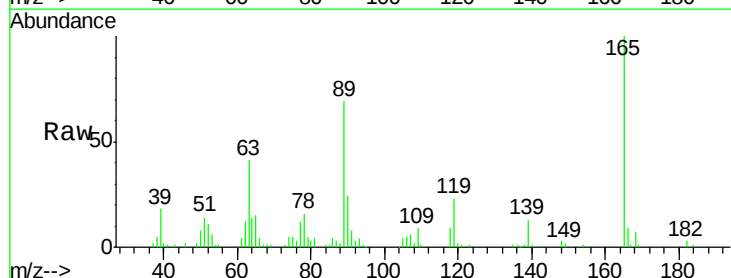


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

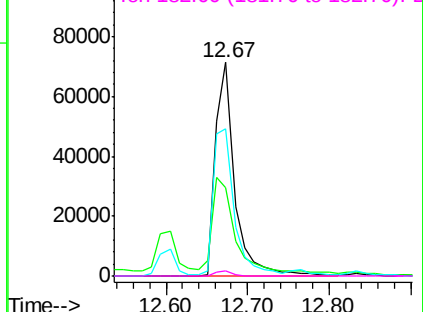
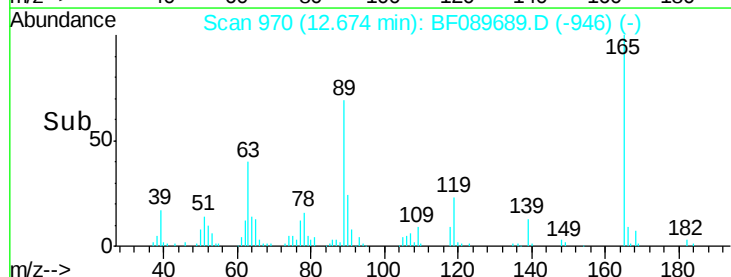


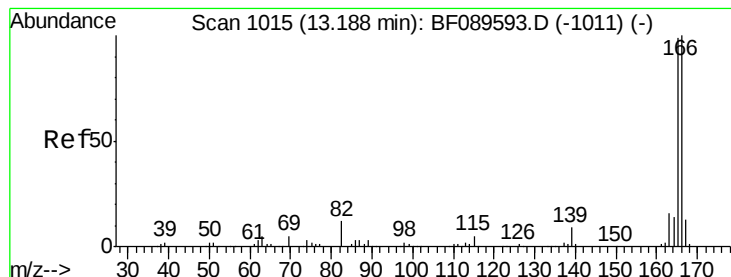
#56
2,4-Dinitrotoluene
Concen: 40.61 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion:165 Resp: 118146
Ion Ratio Lower Upper
165 100
63 41.2 42.2 63.4#
89 69.0 64.4 96.6
182 2.6 2.1 3.1



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





#57

Fluorene

Concen: 37.46 ng

RT: 13.15 min Scan# 1012

Delta R.T. -0.03 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampleId :

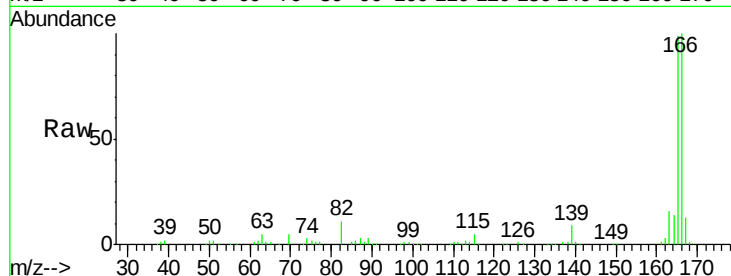
Tgt Ion:166 Resp: 375885

Ion Ratio Lower Upper

166 100

165 98.8 78.9 118.3

167 13.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

300000

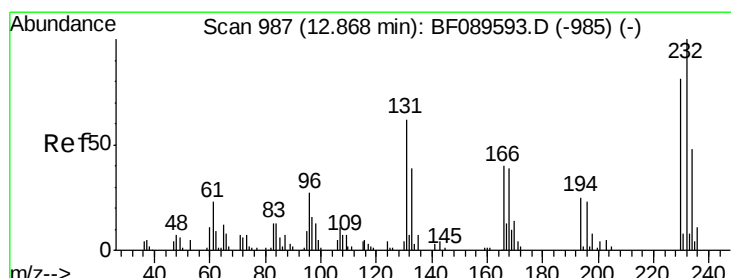
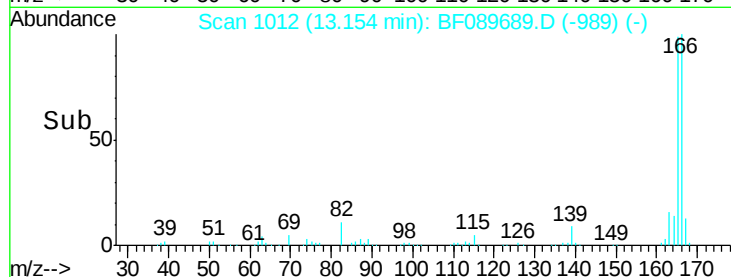
13.15

200000

100000

0

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.05 ng

RT: 12.83 min Scan# 984

Delta R.T. -0.03 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Tgt Ion:232 Resp: 73966

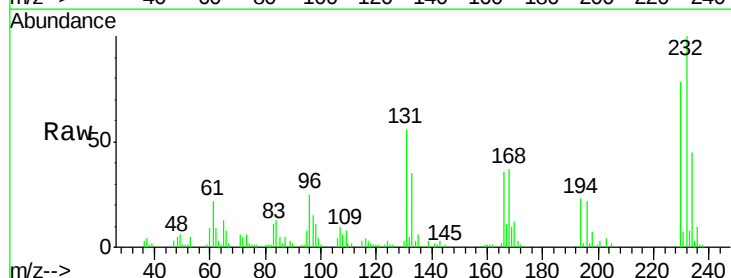
Ion Ratio Lower Upper

232 100

131 59.7 46.2 69.2

130 2.4 1.7 2.5

166 37.1 29.2 43.8



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

400000

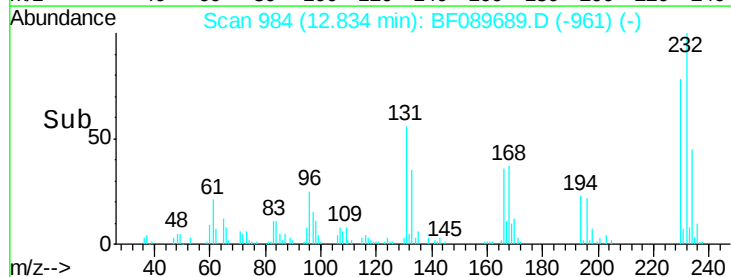
300000

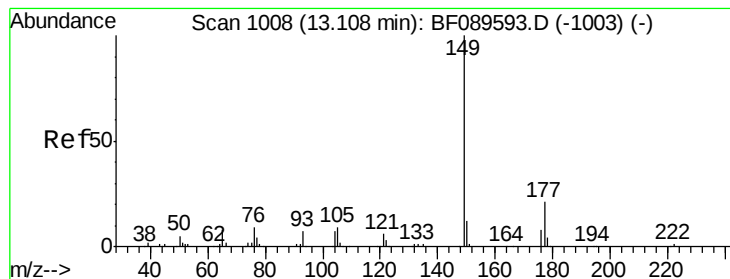
200000

100000

0

Time-->





#59

Diethylphthalate

Concen: 38.19 ng

RT: 13.07 min Scan# 1005

Delta R.T. -0.03 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampleId :

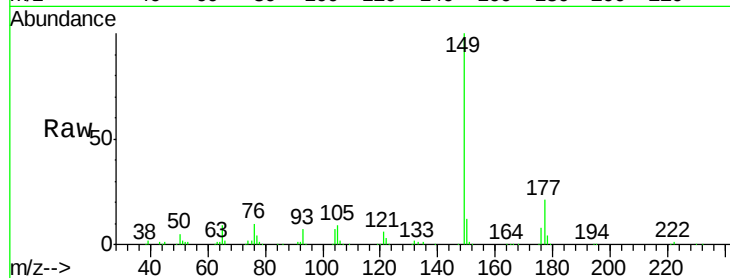
Tgt Ion:149 Resp: 410862

Ion Ratio Lower Upper

149 100

177 20.9 16.8 25.2

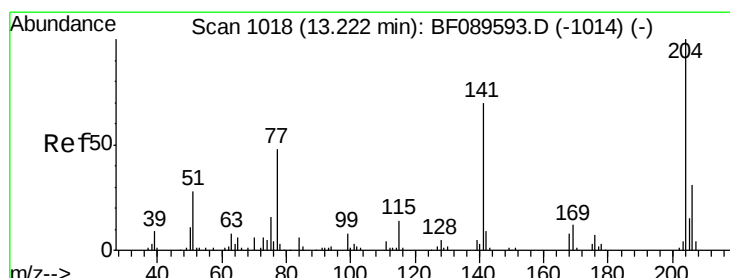
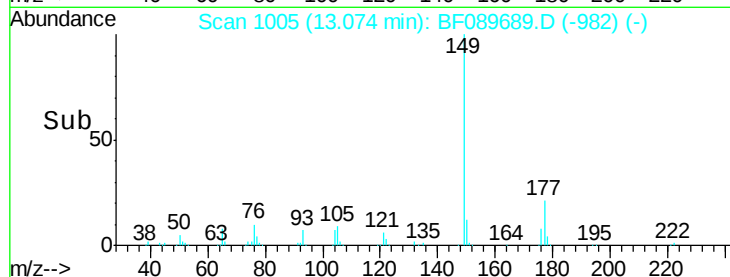
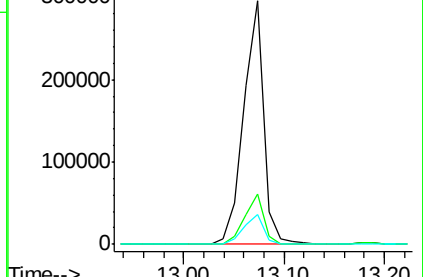
150 12.2 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.01 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.03 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

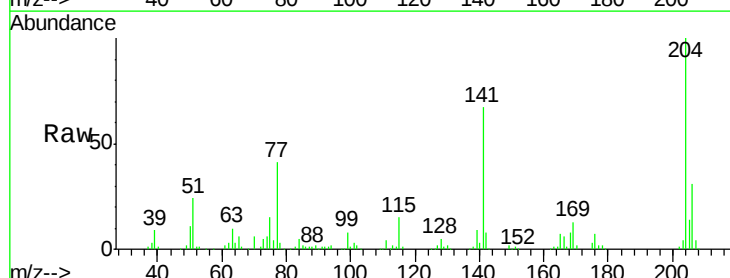
Tgt Ion:204 Resp: 174855

Ion Ratio Lower Upper

204 100

206 31.5 25.0 37.4

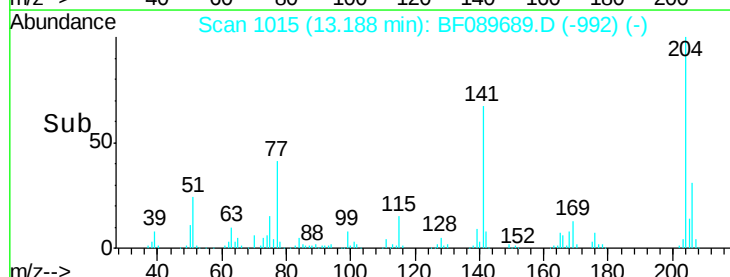
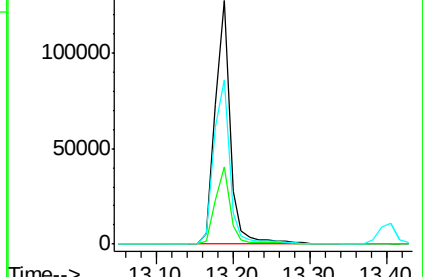
141 67.4 56.2 84.4

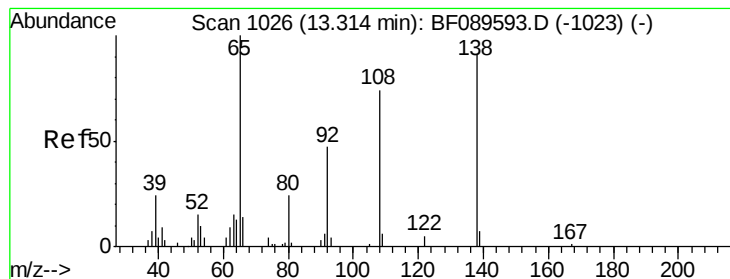


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.51 ng

RT: 13.28 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampleId :

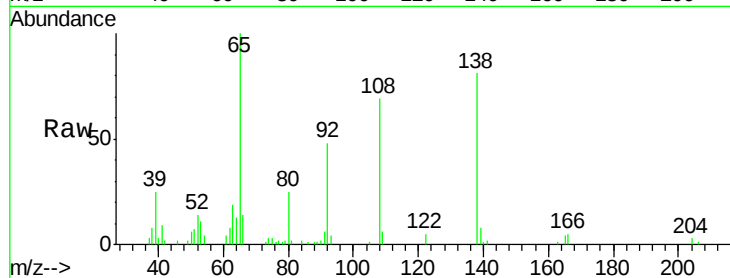
Tgt Ion:138 Resp: 83437

Ion Ratio Lower Upper

138 100

92 59.0 31.6 71.6

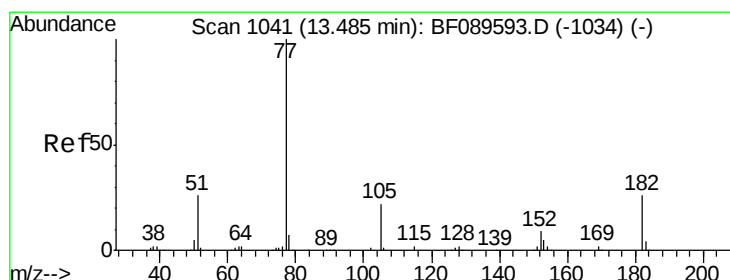
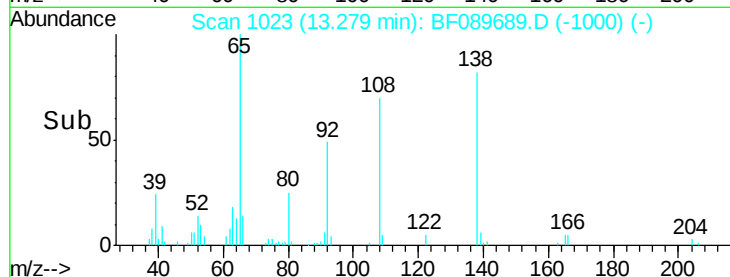
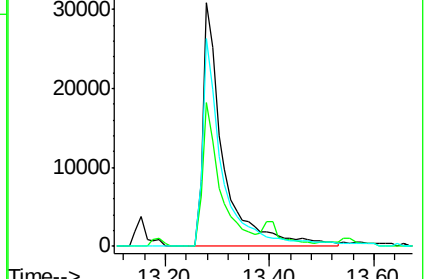
108 85.2 61.5 101.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.21 ng

RT: 13.44 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Tgt Ion: 77 Resp: 397595

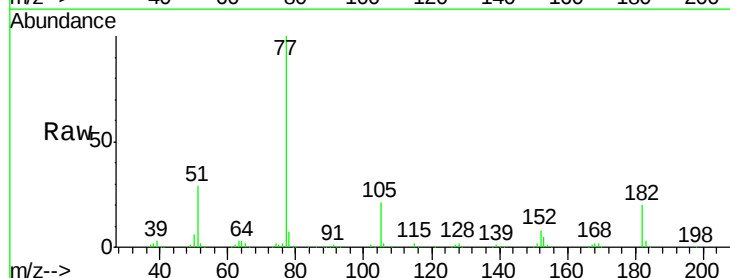
Ion Ratio Lower Upper

77 100

182 19.6 5.8 45.8

105 21.0 2.9 42.9

51 28.9 7.2 47.2

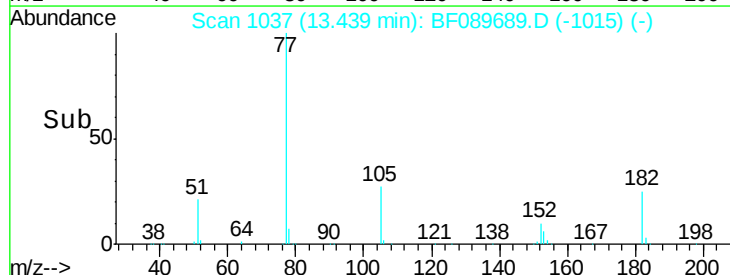
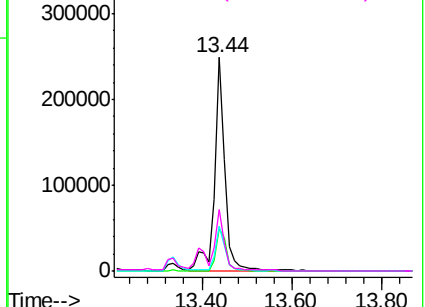


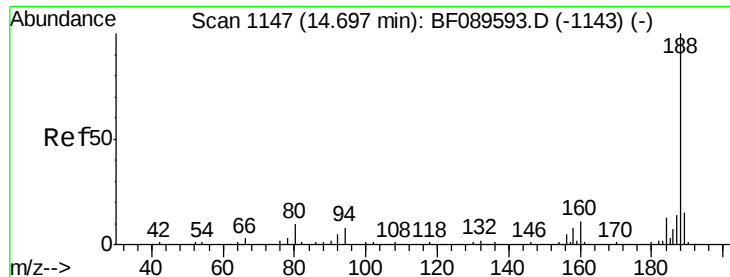
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

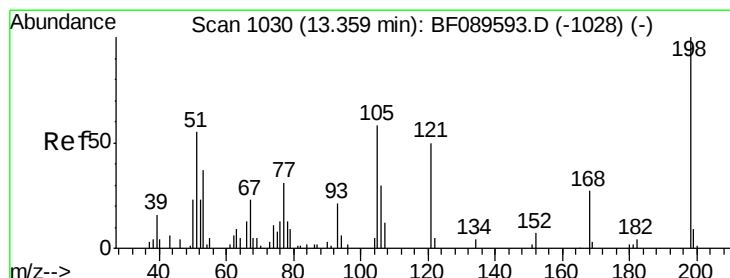
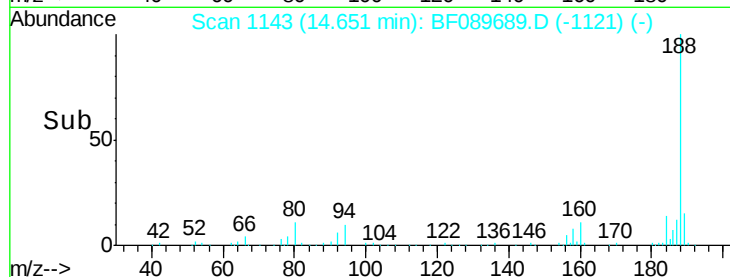
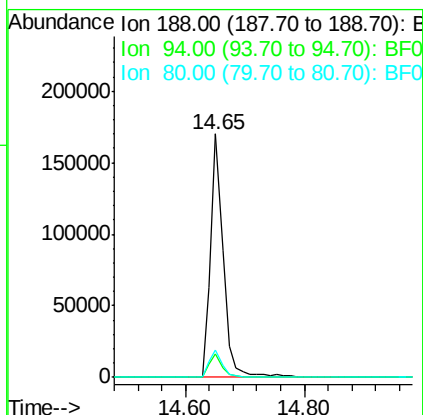
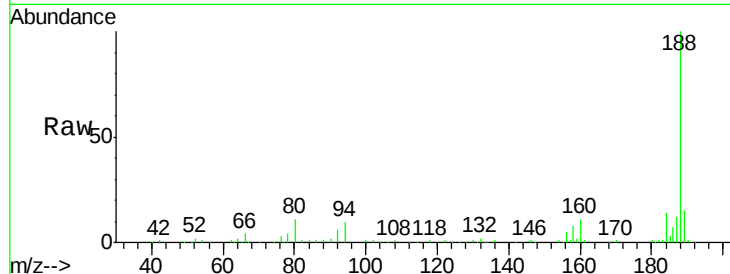




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1143
 Delta R.T. -0.05 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

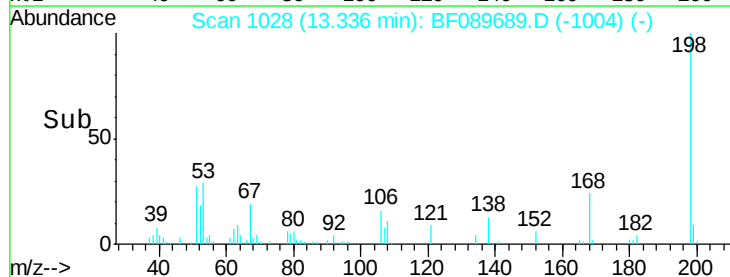
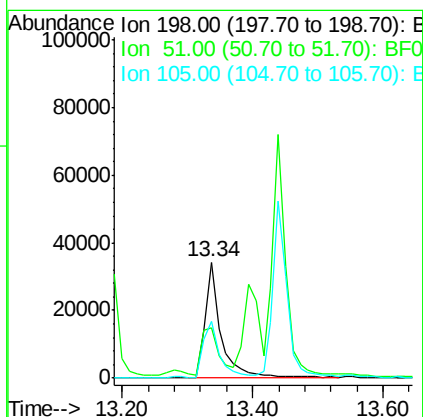
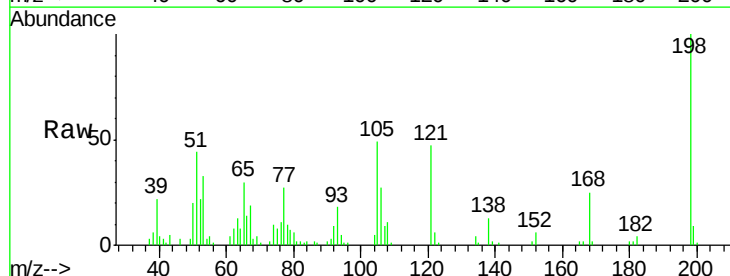
Instrument :
 BNA_F
 ClientSampleId :

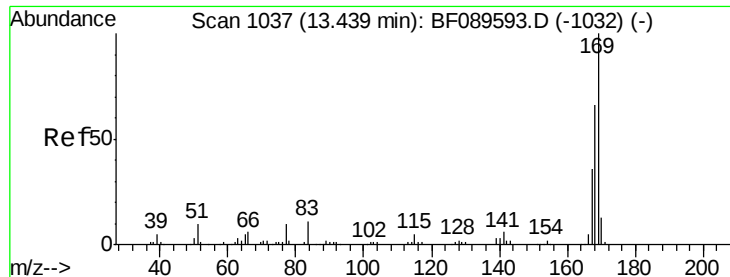
Tgt Ion:188 Resp: 252976
 Ion Ratio Lower Upper
 188 100
 94 9.8 6.5 9.7#
 80 11.1 8.0 12.0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.22 ng
 RT: 13.34 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion:198 Resp: 59006
 Ion Ratio Lower Upper
 198 100
 51 43.9 38.9 78.9
 105 48.9 38.1 78.1

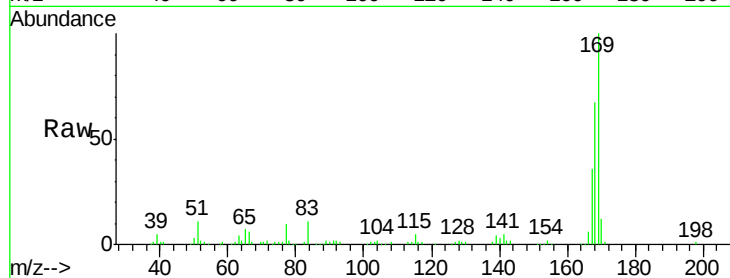




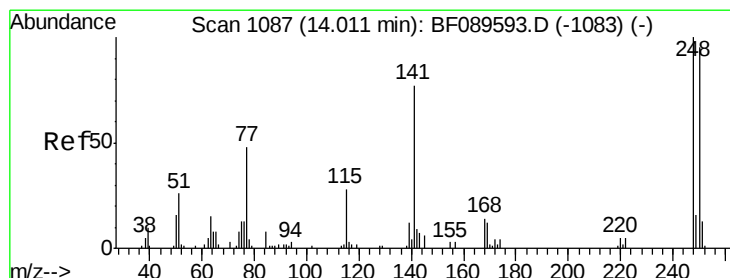
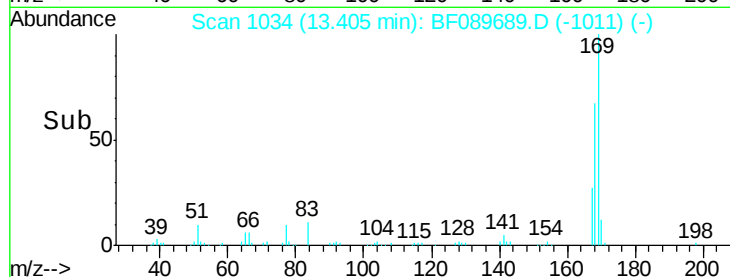
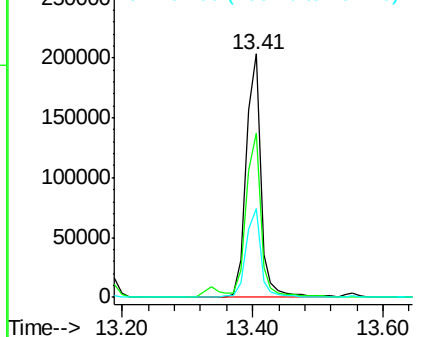
#65
 n-Nitrosodiphenylamine
 Concen: 37.30 ng
 RT: 13.41 min Scan# 1034
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:169 Resp: 318701
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.2 81.2
 167 36.3 28.9 43.3

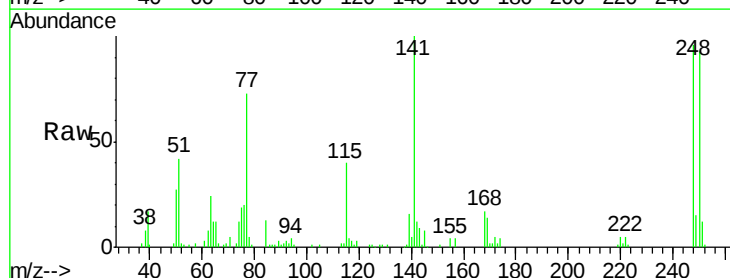


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

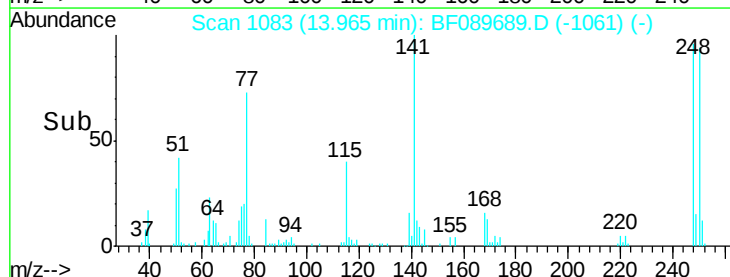
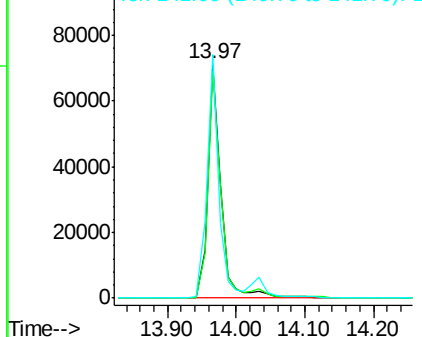


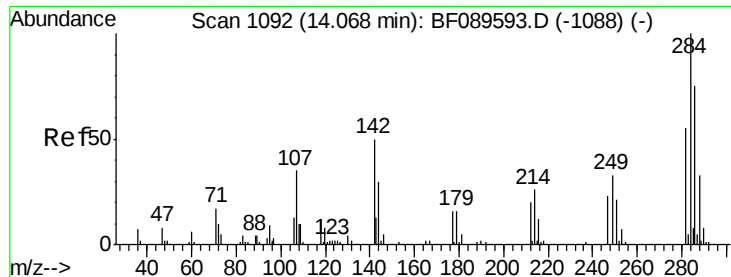
#66
 4-Bromophenyl-phenylether
 Concen: 39.12 ng
 RT: 13.97 min Scan# 1083
 Delta R.T. -0.05 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion:248 Resp: 95730
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.2 114.2
 141 104.3 61.3 91.9#



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

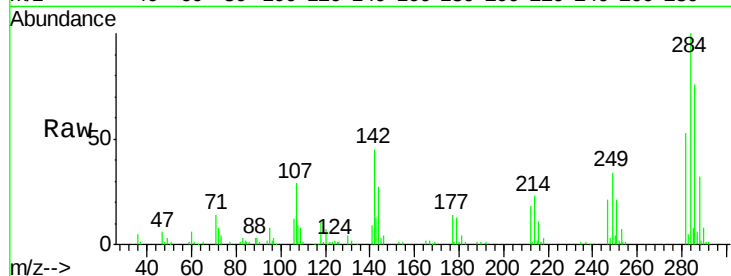




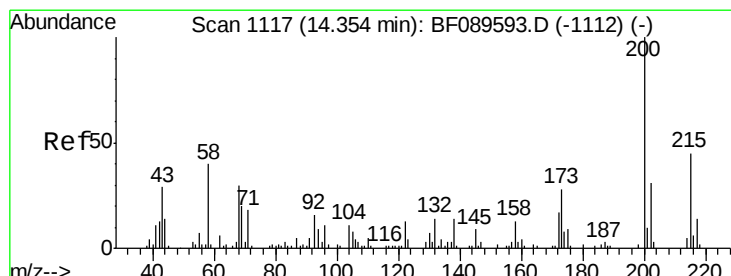
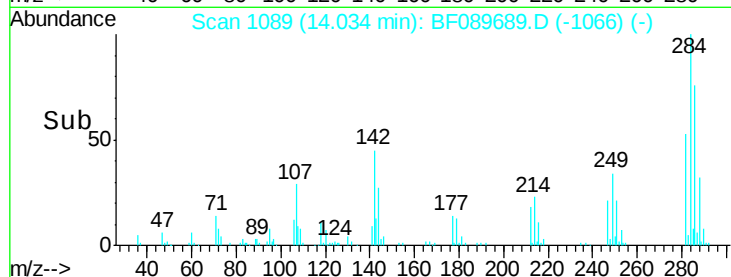
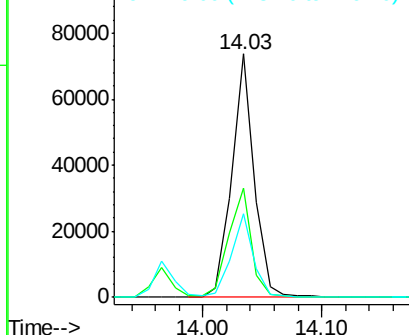
#67
Hexachlorobenzene
Concen: 35.78 ng
RT: 14.03 min Scan# 1089
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Instrument :
BNA_F
ClientSampled :

Tgt Ion: 284 Resp: 96313
Ion Ratio Lower Upper
284 100
142 45.1 41.4 62.0
249 34.3 28.6 43.0

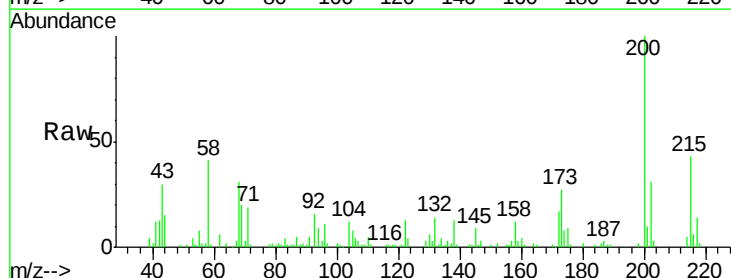


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

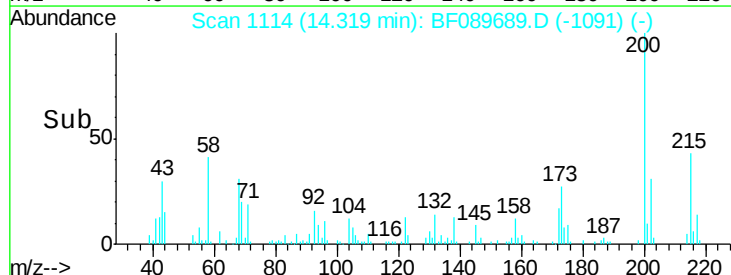
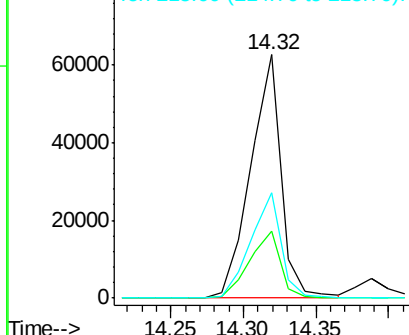


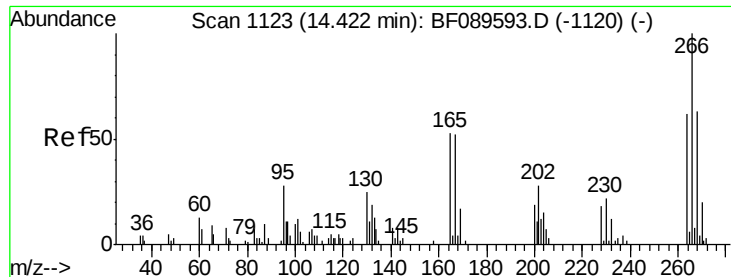
#68
Atrazine
Concen: 38.16 ng
RT: 14.32 min Scan# 1114
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion: 200 Resp: 91038
Ion Ratio Lower Upper
200 100
173 27.2 8.2 48.2
215 43.5 24.9 64.9



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

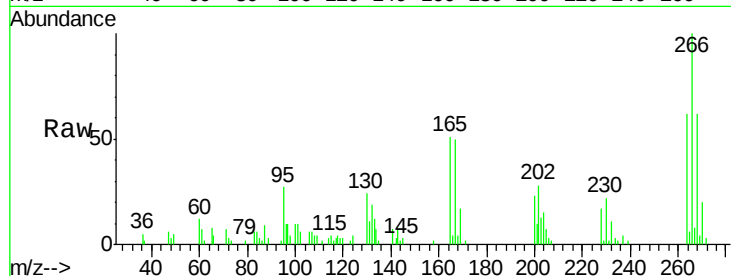




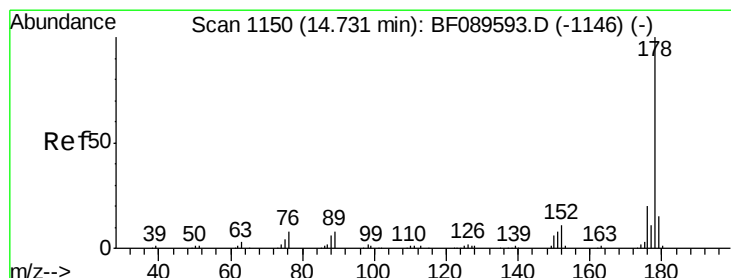
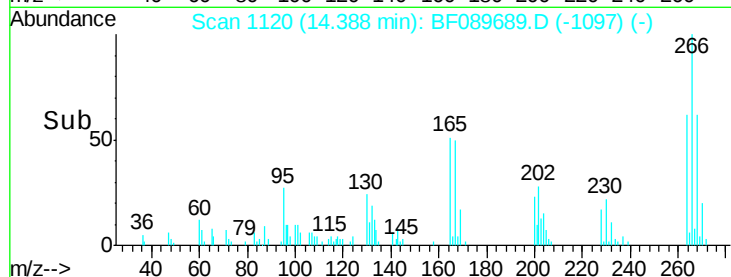
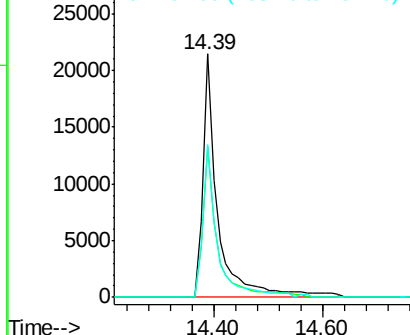
#69
 Pentachlorophenol
 Concen: 37.76 ng
 RT: 14.39 min Scan# 1120
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:266 Resp: 40870
 Ion Ratio Lower Upper
 266 100
 268 61.7 50.6 75.8
 264 62.5 49.5 74.3

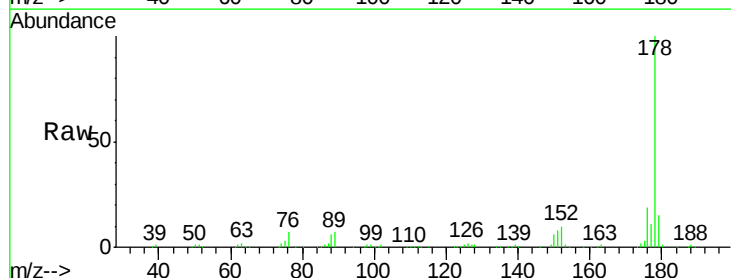


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

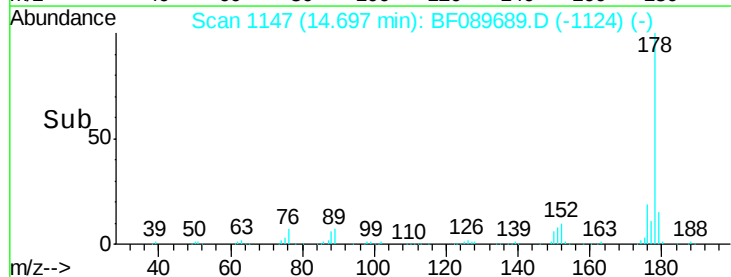
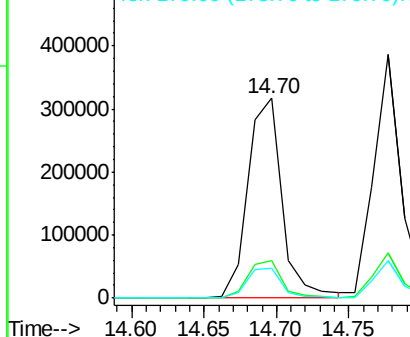


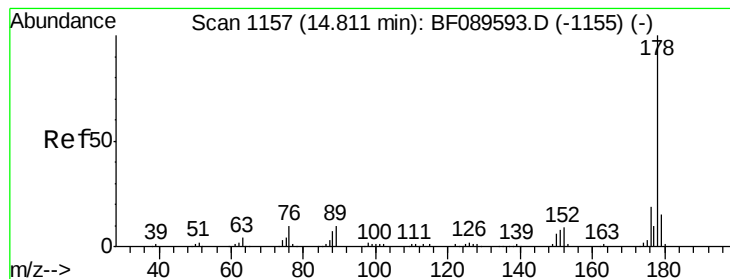
#70
 Phenanthrene
 Concen: 37.60 ng
 RT: 14.70 min Scan# 1147
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion:178 Resp: 517165
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.7 23.5
 179 15.0 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





#71

Anthracene

Concen: 36.99 ng

RT: 14.78 min Scan# 1154

Delta R.T. -0.03 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampled :

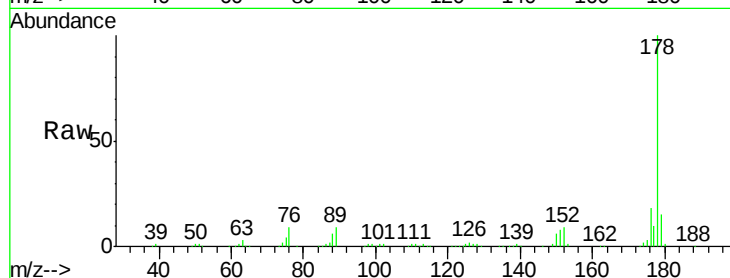
Tgt Ion:178 Resp: 545551

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

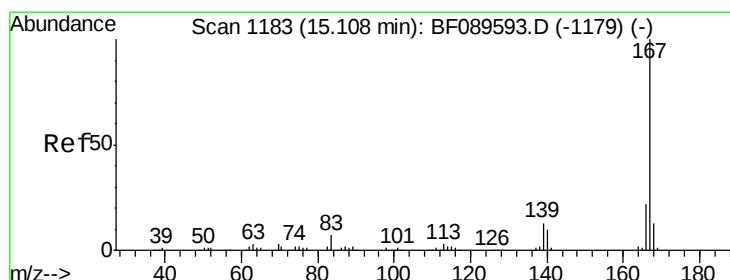
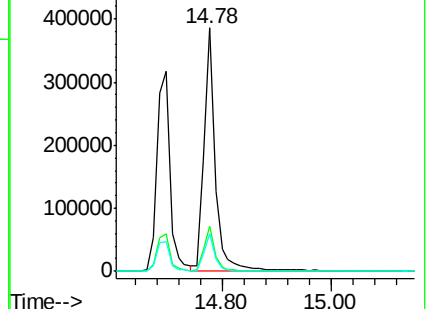
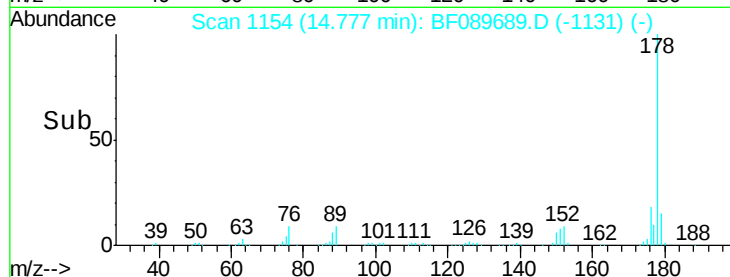
179 15.5 12.4 18.6



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: 37.06 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

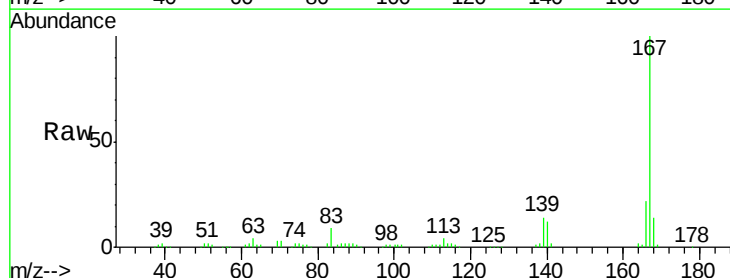
Tgt Ion:167 Resp: 455492

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

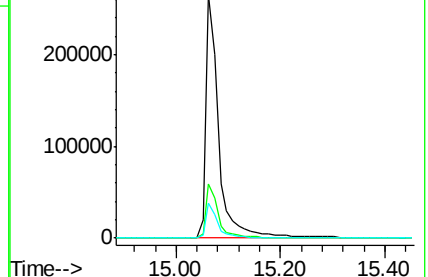
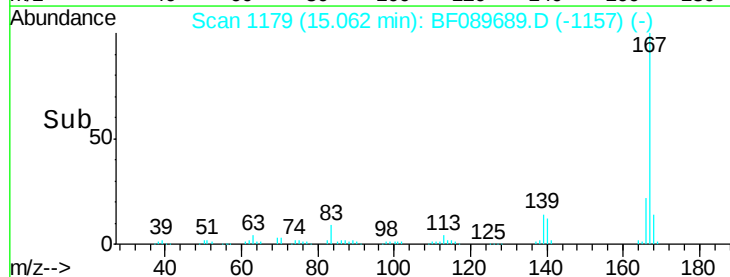
139 14.4 10.4 15.6

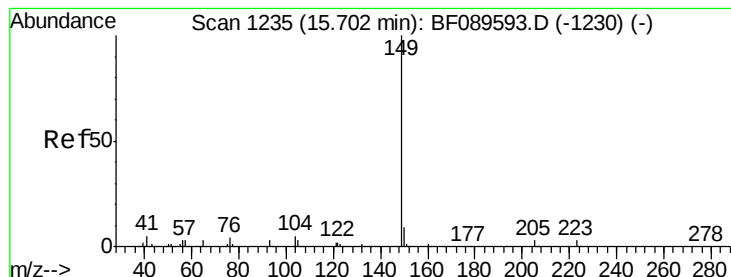


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.90 ng

RT: 15.66 min Scan# 1231

Delta R.T. -0.05 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampleId :

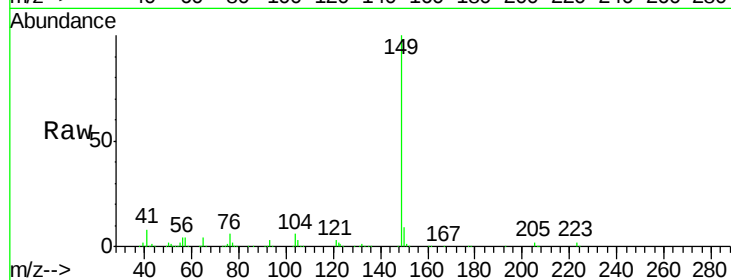
Tgt Ion:149 Resp: 629995

Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

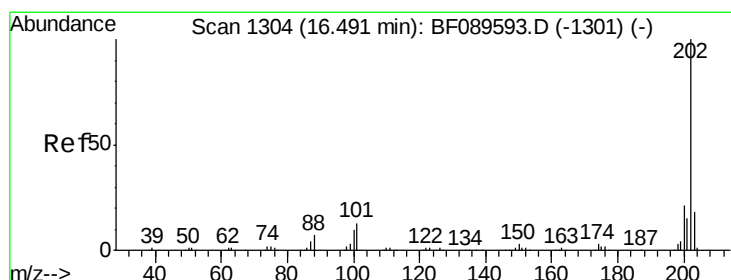
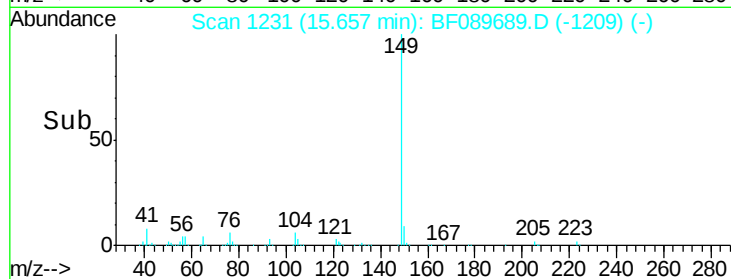
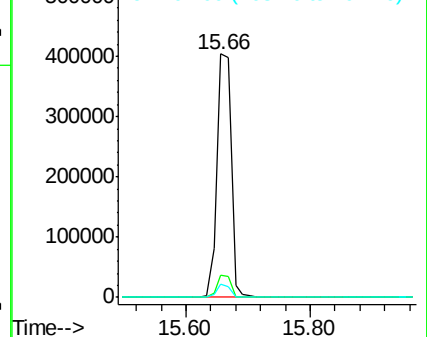
104 5.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.25 ng

RT: 16.46 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

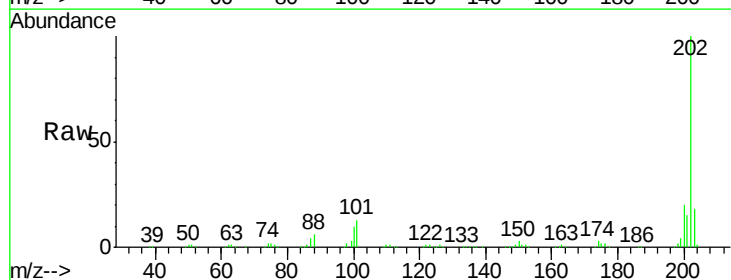
Tgt Ion:202 Resp: 512619

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.7

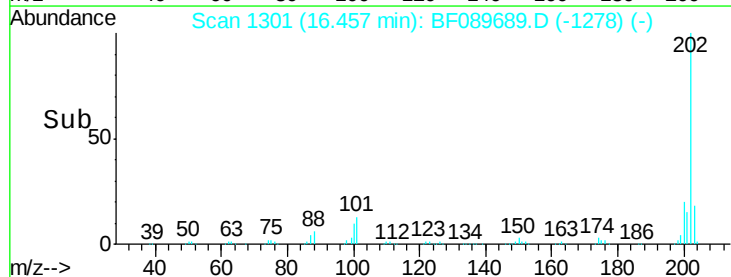
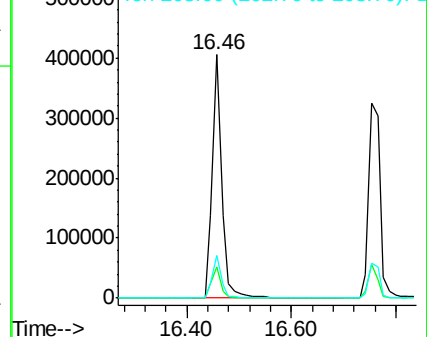
203 17.5 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

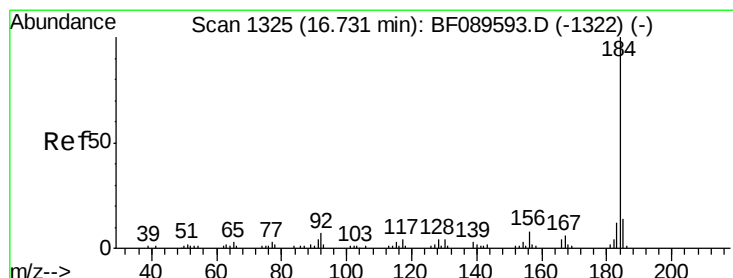
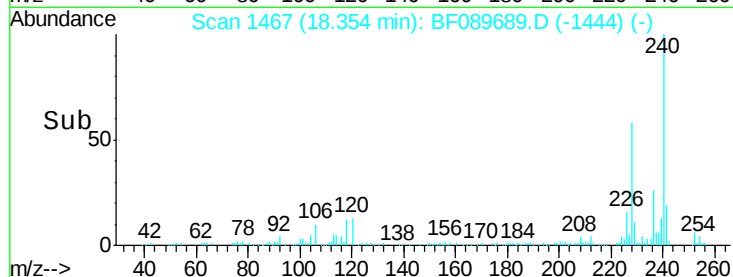
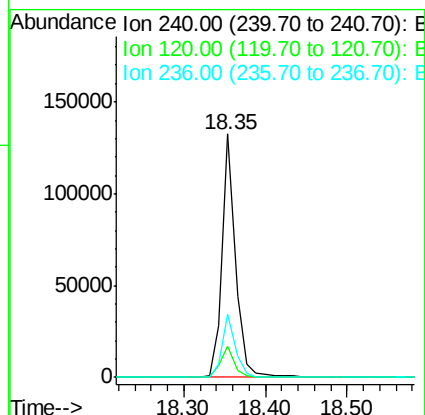
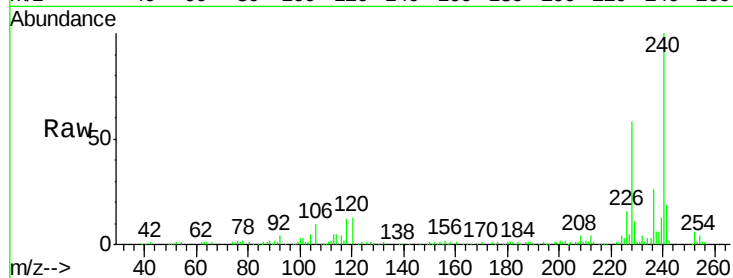




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.35 min Scan# 1467
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

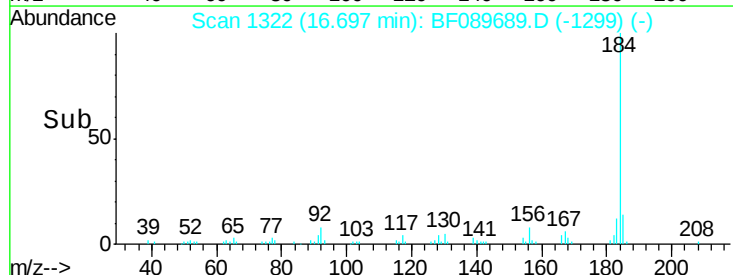
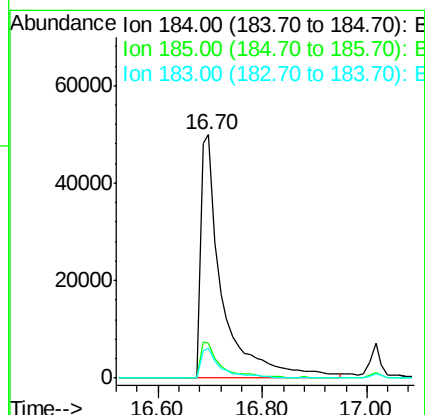
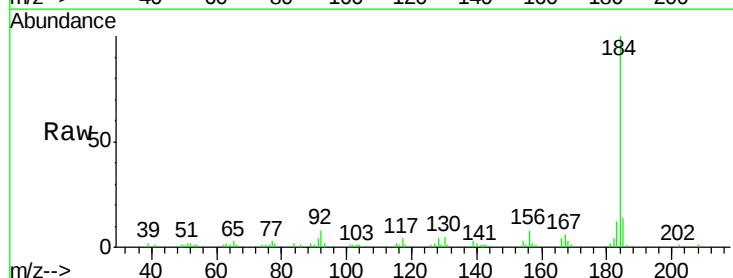
Instrument :
BNA_F
ClientSampleId :

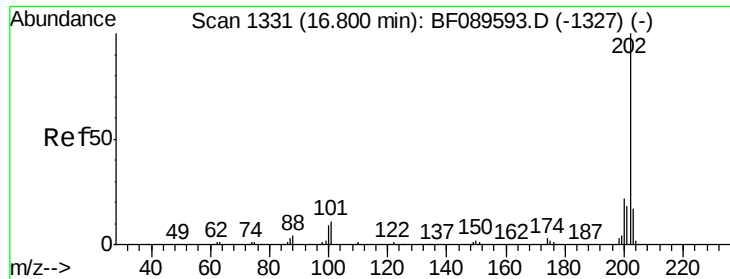
Tgt Ion:240 Resp: 151290
Ion Ratio Lower Upper
240 100
120 12.7 10.6 15.8
236 25.9 20.6 30.8



#76
Benzidine
Concen: 31.20 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion:184 Resp: 143102
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 12.3 9.8 14.8





#77

Pyrene

Concen: 37.41 ng

RT: 16.75 min Scan# 1327

Delta R.T. -0.05 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

Instrument :

BNA_F

ClientSampleId :

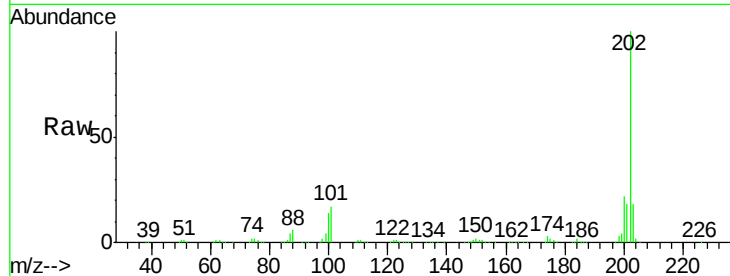
Tgt Ion:202 Resp: 500376

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.0

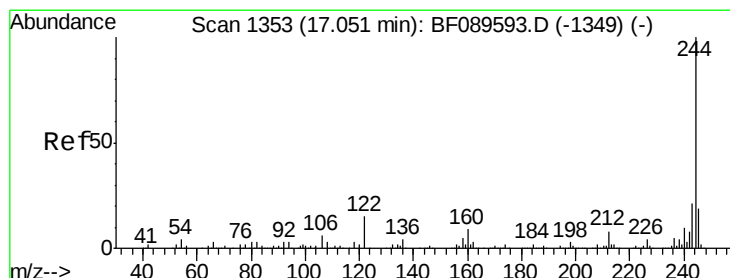
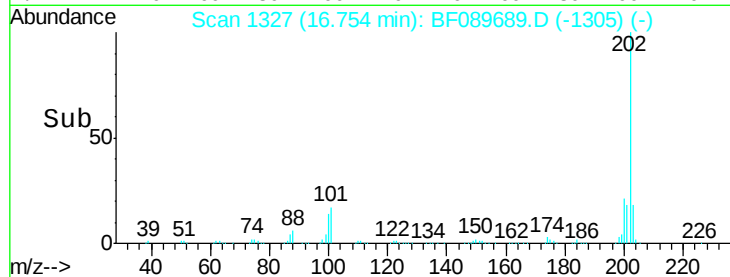
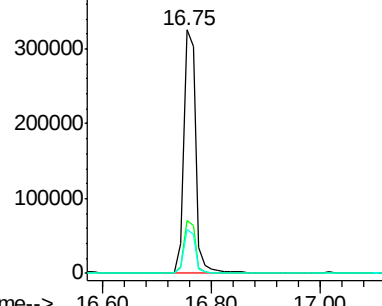
203 18.0 13.6 20.4



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: 72.57 ng

RT: 17.02 min Scan# 1350

Delta R.T. -0.03 min

Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

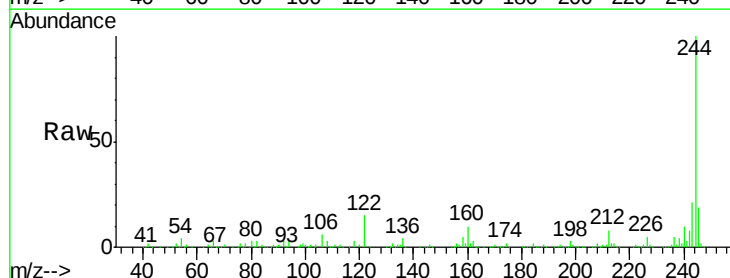
Tgt Ion:244 Resp: 556177

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

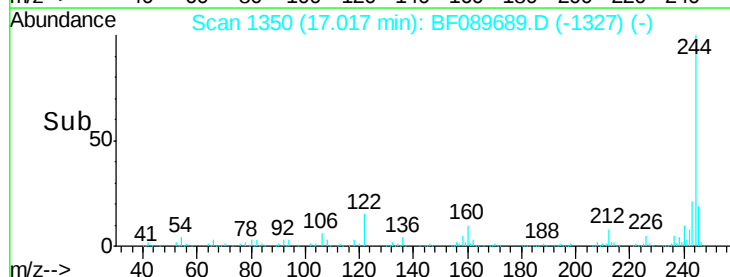
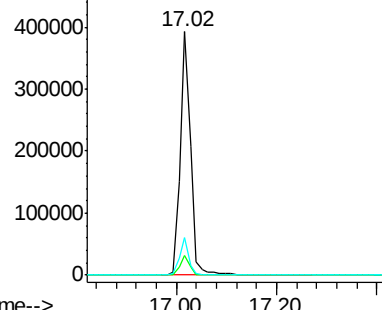
122 15.4 12.2 18.2

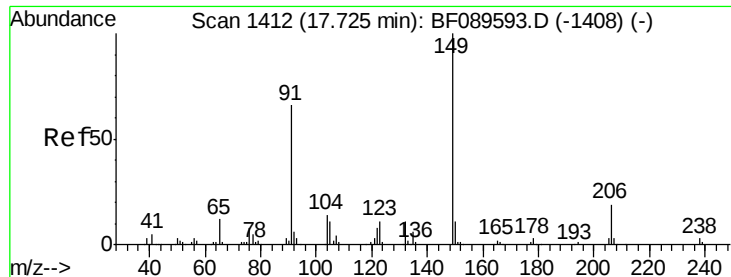


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

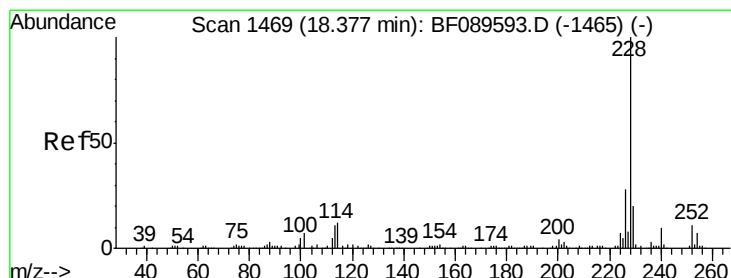
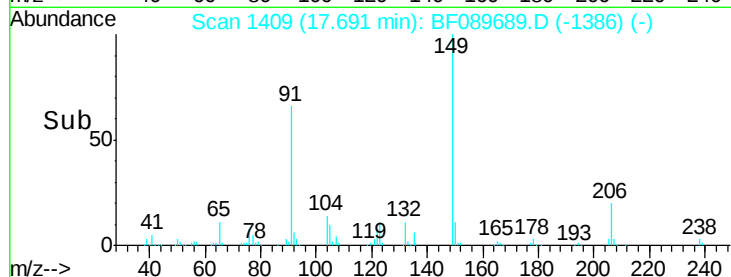
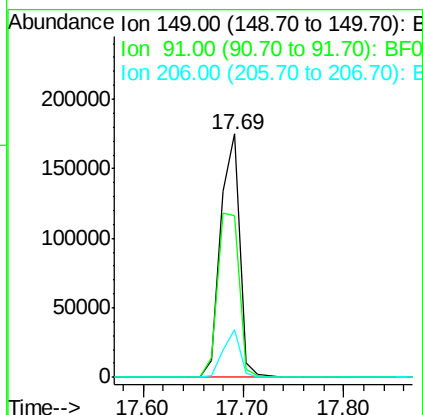
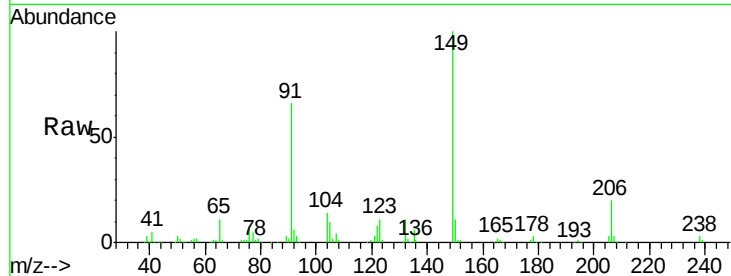




#79
Butylbenzylphthalate
Concen: 40.56 ng
RT: 17.69 min Scan# 1409
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

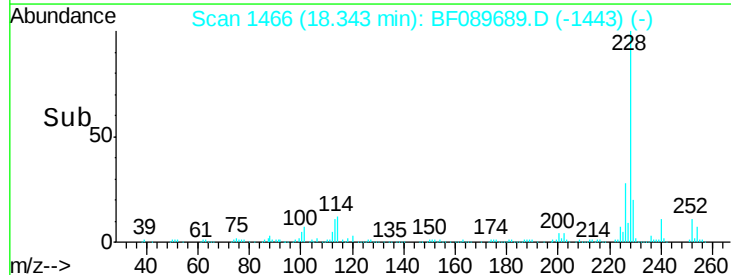
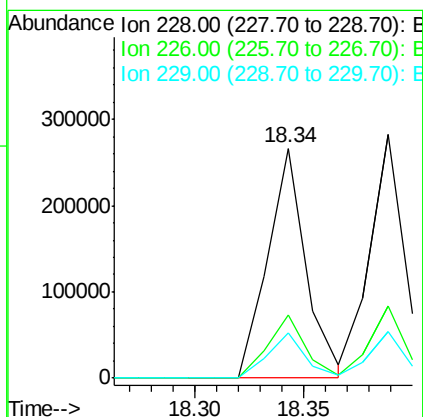
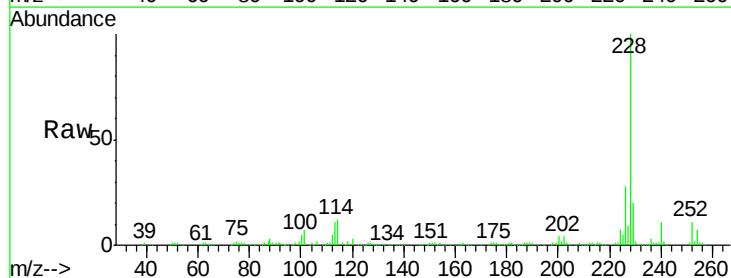
Instrument :
BNA_F
ClientSampleId :

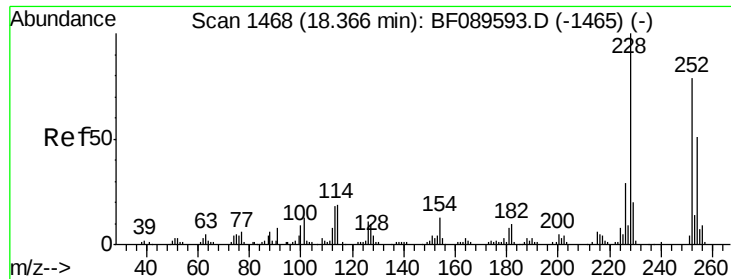
Tgt Ion:149 Resp: 230892
Ion Ratio Lower Upper
149 100
91 66.3 52.6 78.8
206 19.9 15.4 23.0



#80
Benzo(a)anthracene
Concen: 37.64 ng
RT: 18.34 min Scan# 1466
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion:228 Resp: 327232
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.5 15.9 23.9

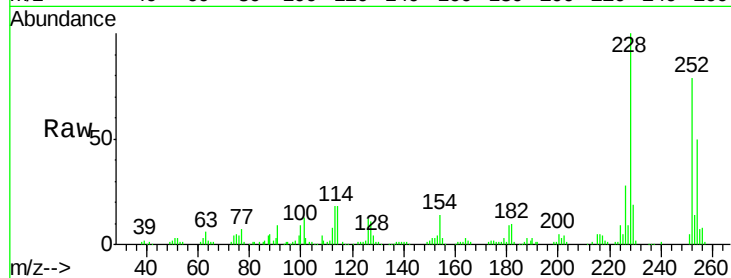




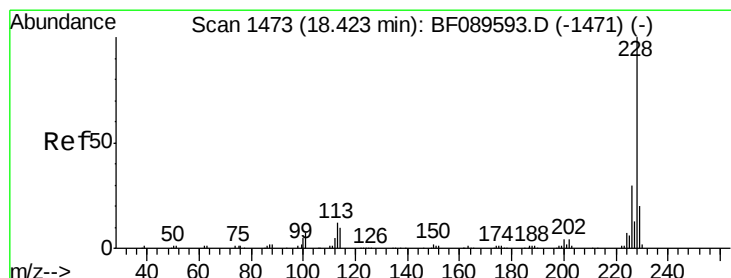
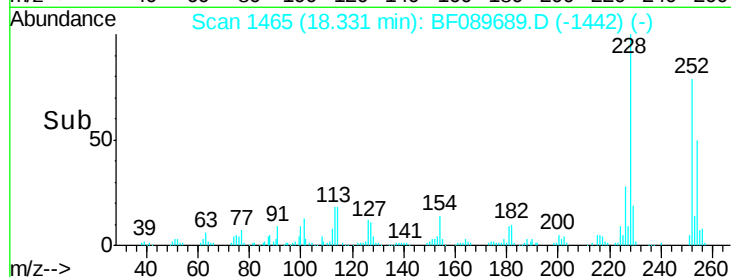
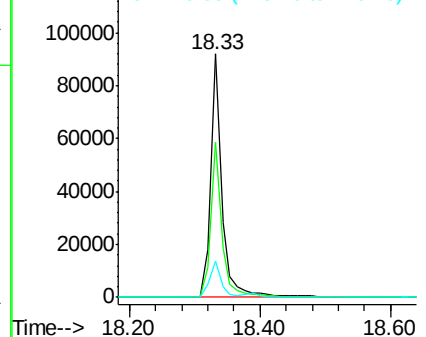
#81
 3,3'-Dichlorobenzidine
 Concen: 40.49 ng
 RT: 18.33 min Scan# 1465
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:252 Resp: 110897
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.7 77.5
 126 15.0 11.0 16.4

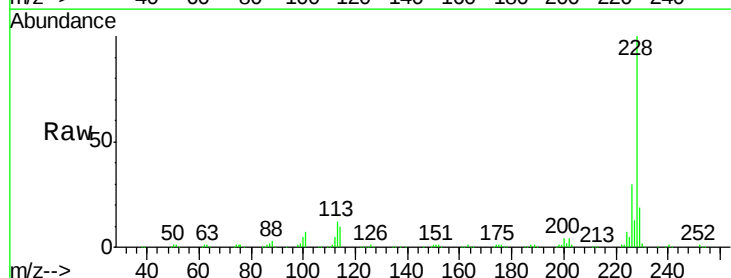


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

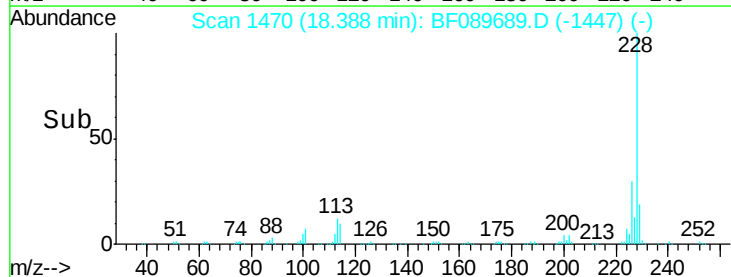
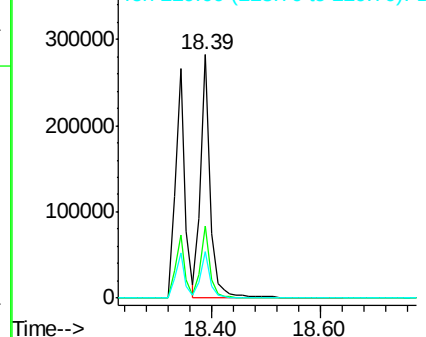


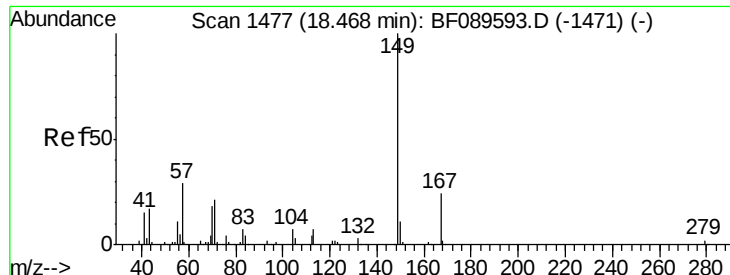
#82
 Chrysene
 Concen: 37.50 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion:228 Resp: 342001
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.2 36.2
 229 19.2 16.0 24.0



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

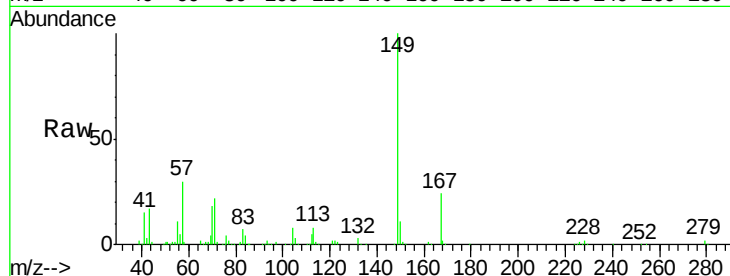




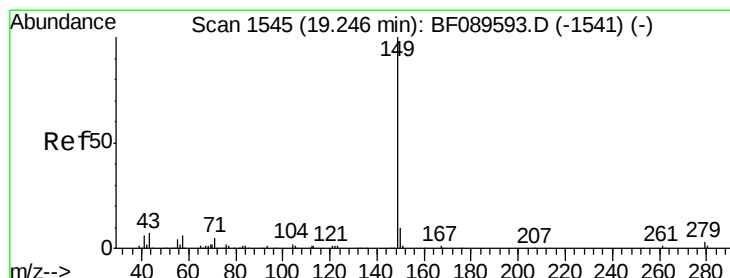
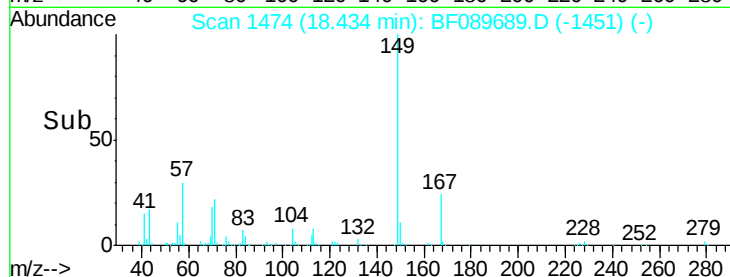
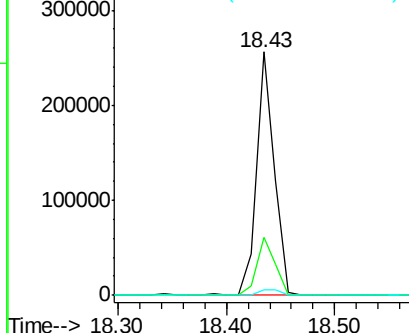
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.18 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:149 Resp: 293022
 Ion Ratio Lower Upper
 149 100
 167 24.0 19.0 28.4
 279 2.2 1.8 2.6

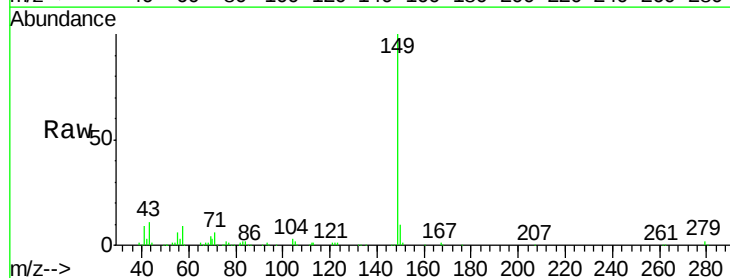


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

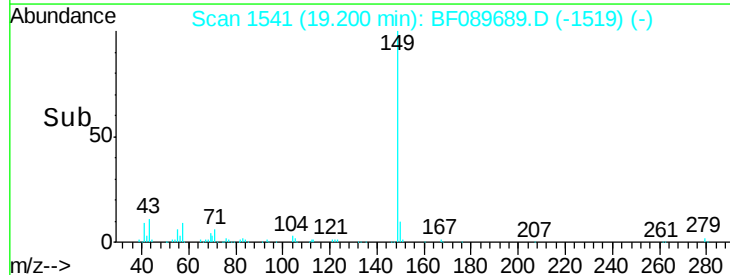
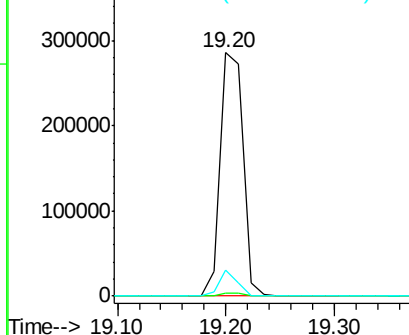


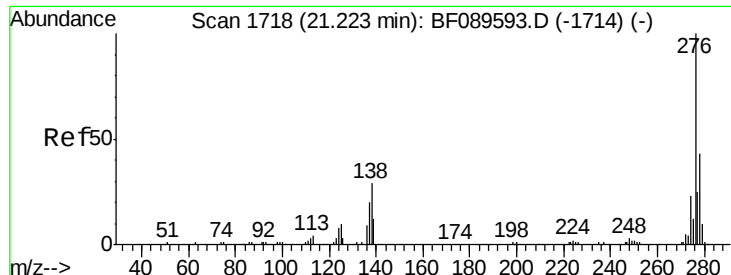
#84
 Di-n-octyl phthalate
 Concen: 36.68 ng
 RT: 19.20 min Scan# 1541
 Delta R.T. -0.05 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion:149 Resp: 415981
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 8.9 7.0 10.4



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

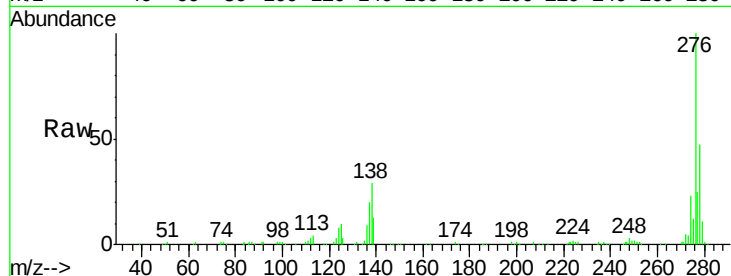




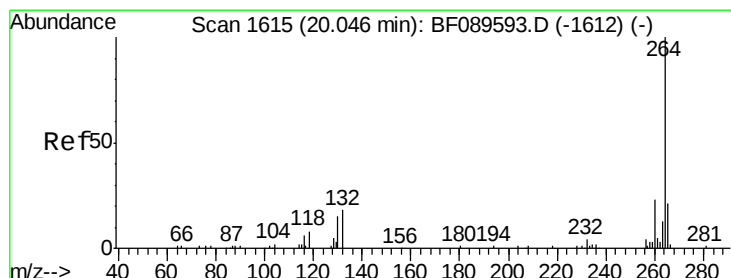
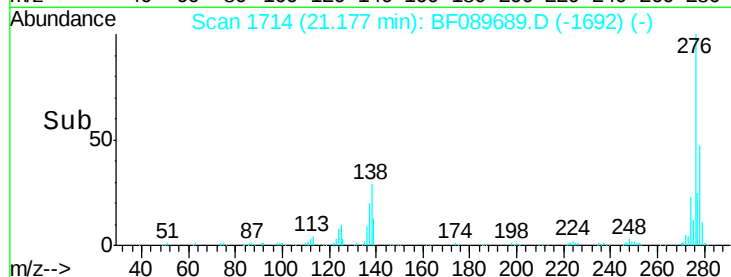
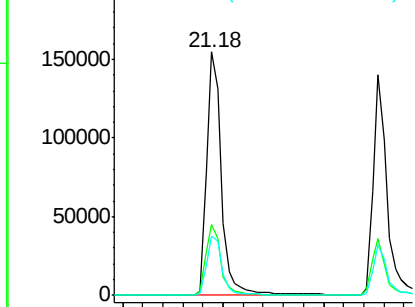
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.89 ng
 RT: 21.18 min Scan# 1714
 Delta R.T. -0.05 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.8	35.8
277	25.3	20.3	30.5

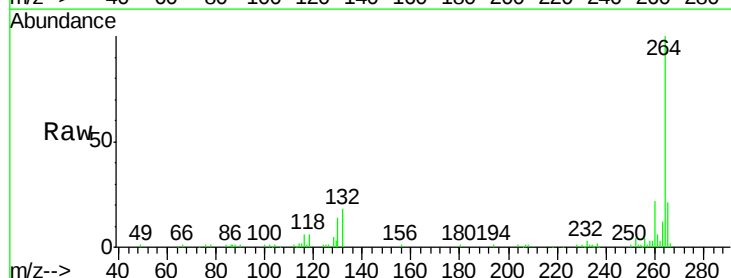


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

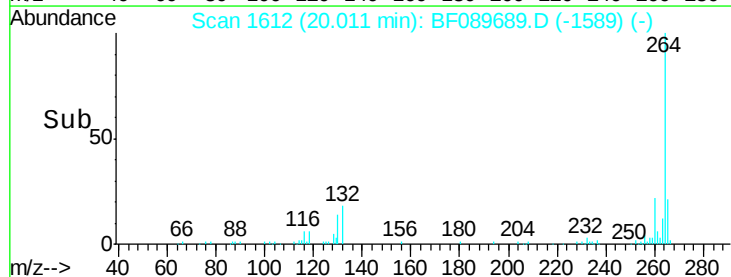
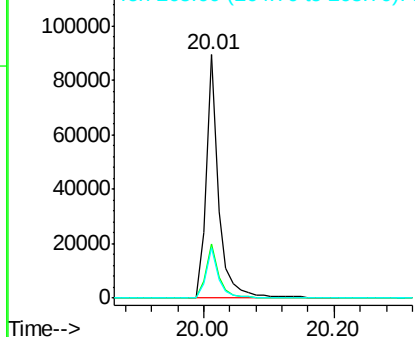


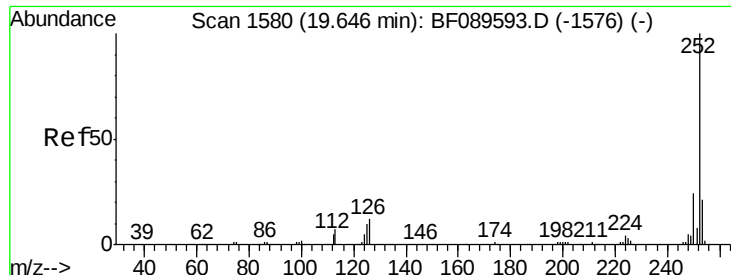
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 1612
 Delta R.T. -0.03 min
 Lab File: BF089689.D
 Acq: 9 Aug 2016 15:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	20.6	16.5	24.7



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

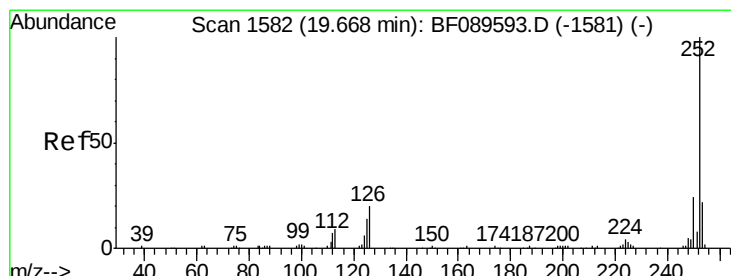
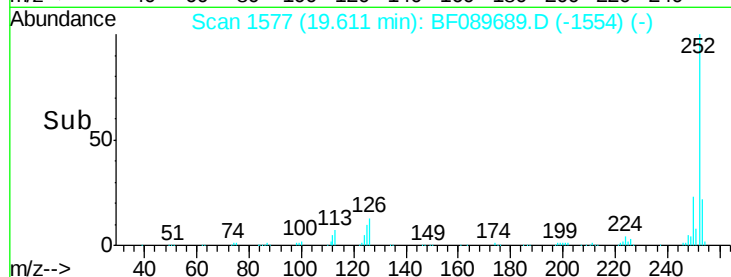
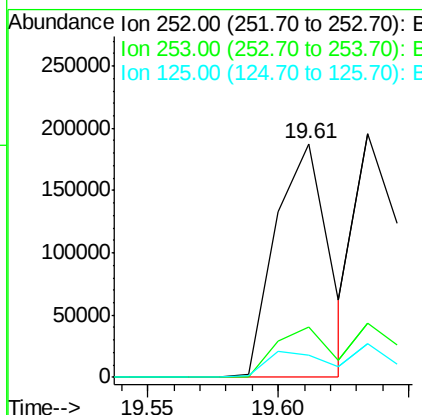
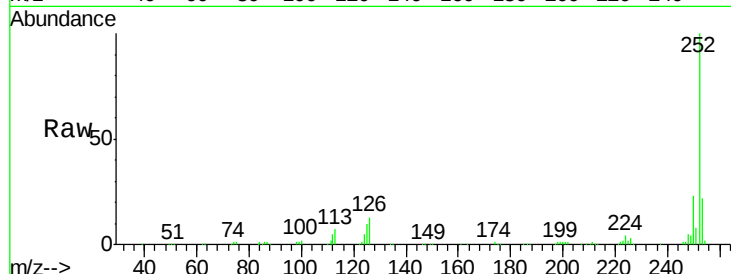




#87
Benzo(b)fluoranthene
Concen: 36.21 ng
RT: 19.61 min Scan# 1577
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

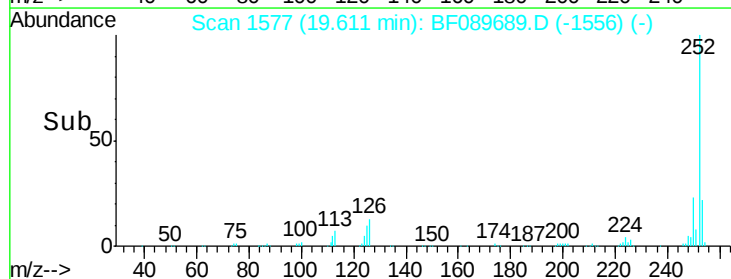
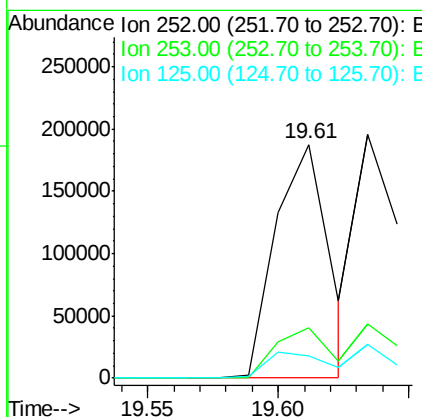
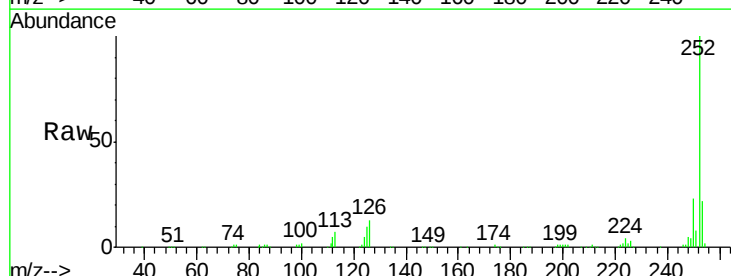
Instrument :
BNA_F
ClientSampled :

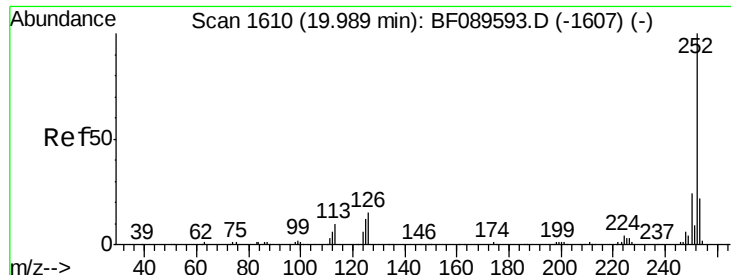
Tgt Ion: 252 Resp: 264552
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.7 7.8 11.8



#88
Benzo(k)fluoranthene
Concen: 35.90 ng
RT: 19.61 min Scan# 1577
Delta R.T. -0.06 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion: 252 Resp: 264552
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.7 11.0 16.6#

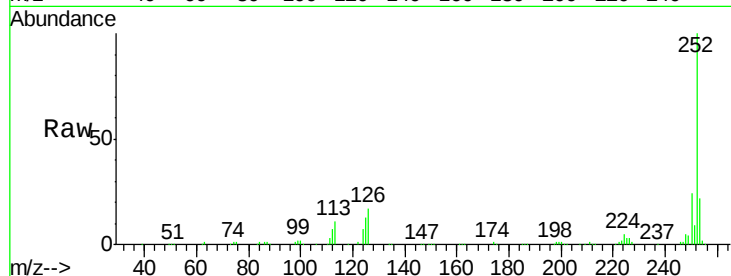




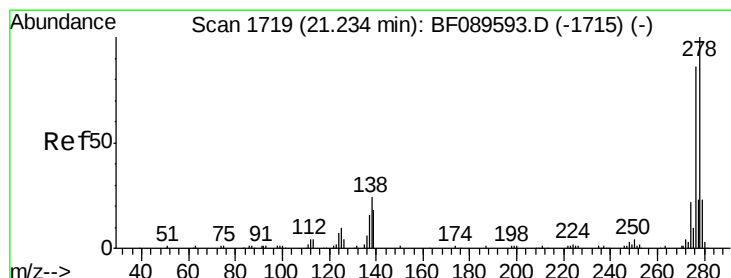
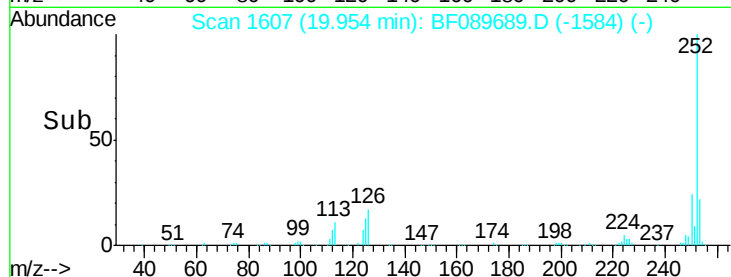
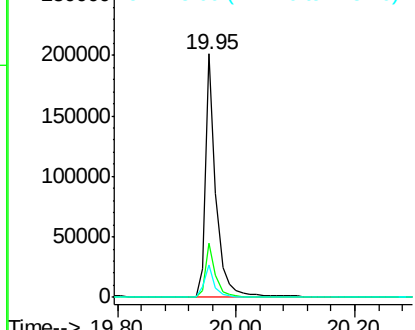
#89
Benzo(a)pyrene
Concen: 36.51 ng
RT: 19.95 min Scan# 1607
Delta R.T. -0.03 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 249695
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 13.3 9.9 14.9

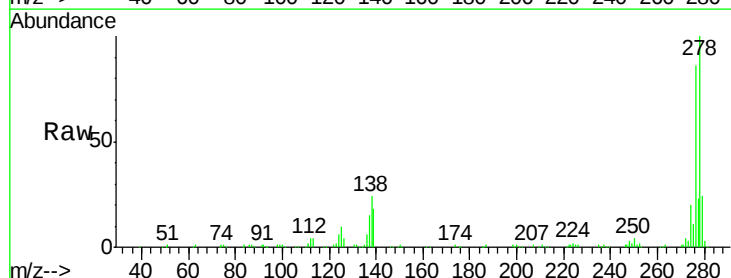


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

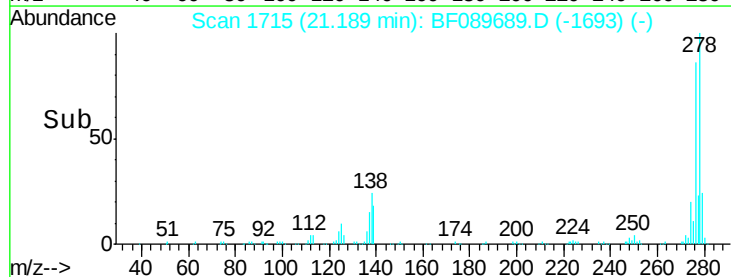
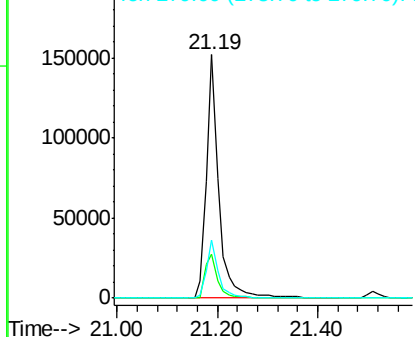


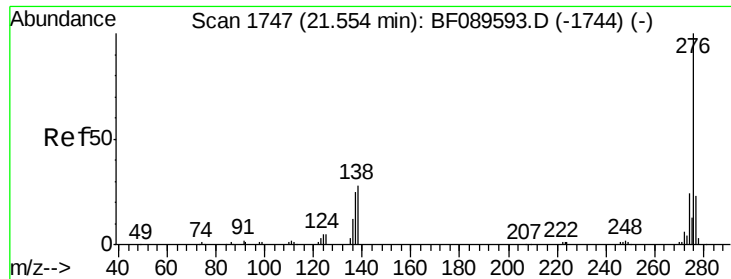
#90
Dibenzo(a,h)anthracene
Concen: 40.87 ng
RT: 21.19 min Scan# 1715
Delta R.T. -0.05 min
Lab File: BF089689.D
Acq: 9 Aug 2016 15:29

Tgt Ion:278 Resp: 261122
Ion Ratio Lower Upper
278 100
139 18.3 14.6 21.8
279 23.6 18.4 27.6



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





#91

Benzo(g,h,i)perylene

Concen: 42.16 ng

RT: 21.51 min Scan# 1743

Delta R.T. -0.05 min

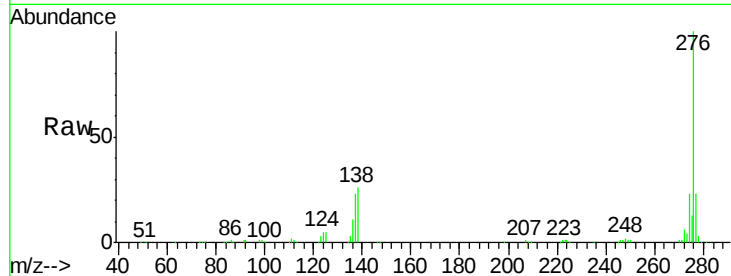
Lab File: BF089689.D

Acq: 9 Aug 2016 15:29

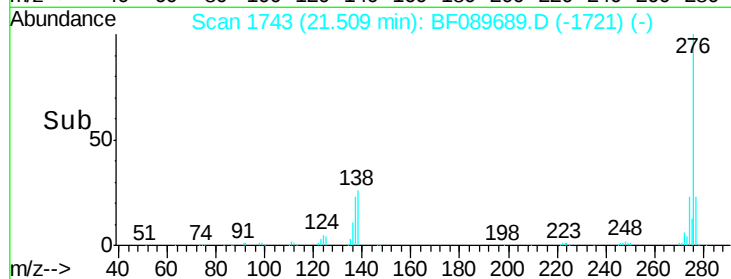
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	276	Resp:	275808
Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	25.9	22.6	33.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

