

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089913.D
 Acq On : 26 Aug 2016 17:21
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 18:44:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	388286	20.00	ng	-0.03
21) Naphthalene-d8	7.94	136	1619573	20.00	ng	-0.03
38) Acenaphthene-d10	9.69	164	769905	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	1335421	20.00	ng	-0.03
75) Chrysene-d12	13.78	240	917852	20.00	ng	-0.09
86) Perylene-d12	15.13	264	794824	20.00	ng	-0.24

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1642130	72.53	ng	-0.03
7) Phenol-d6	6.30	99	2189878	78.79	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1921978	73.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.48	330	569267	77.80	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	3348236	76.43	ng	-0.03
78) Terphenyl-d14	12.74	244	2369504	58.40	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.10	88	442205	39.46	ng	94
3) Pyridine	2.74	79	1201092	40.87	ng	92
4) n-Nitrosodimethylamine	2.71	42	464654	42.47	ng	# 83
6) Aniline	6.32	93	1444996	38.76	ng	# 81
8) 2-Chlorophenol	6.43	128	1007672	37.22	ng	92
9) Benzaldehyde	6.19	77	665612	36.76	ng	85
10) Phenol	6.31	94	1182774	36.31	ng	86
11) bis(2-Chloroethyl)ether	6.40	93	1029976	40.78	ng	96
12) 1,3-Dichlorobenzene	6.82	146	949503	33.54	ng	99
13) 1,4-Dichlorobenzene	6.67	146	1235423	42.46	ng	94
14) 1,2-Dichlorobenzene	6.67	146	1235423	45.49	ng	99
15) Benzyl Alcohol	6.80	79	702525	38.11	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1216667	37.63	ng	91
17) 2-Methylphenol	6.92	107	843786	39.79	ng	96
18) Hexachloroethane	7.16	117	408351	39.35	ng	92
19) n-Nitroso-di-n-propylamine	7.10	70	703830	39.60	ng	# 81
20) 3+4-Methylphenols	7.08	107	1030077	39.62	ng	# 51
22) Acetophenone	7.07	105	1290562	34.70	ng	# 87
24) Nitrobenzene	7.24	77	1041585	35.61	ng	94
25) Isophorone	7.50	82	2010739	38.24	ng	# 93
26) 2-Nitrophenol	7.56	139	634336	43.47	ng	91
27) 2,4-Dimethylphenol	7.61	122	1018886	38.74	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	1106044	34.00	ng	98
29) 2,4-Dichlorophenol	7.80	162	905372	41.03	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	924104	37.86	ng	98
31) Naphthalene	7.96	128	2948765	38.96	ng	99
32) Benzoic acid	7.77	122	822598	40.14	ng	92
33) 4-Chloroaniline	8.01	127	1213370	36.98	ng	# 89
34) Hexachlorobutadiene	8.09	225	499663	39.09	ng	98
35) Caprolactam	8.41	113	254275	37.84	ng	97
36) 4-Chloro-3-methylphenol	8.50	107	826475	34.58	ng	93
37) 2-Methylnaphthalene	8.65	142	1705383	34.83	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	920661	36.93	ng	97
40) Hexachlorocyclopentadiene	8.81	237	418966	48.40	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089913.D
 Acq On : 26 Aug 2016 17:21
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 18:44:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

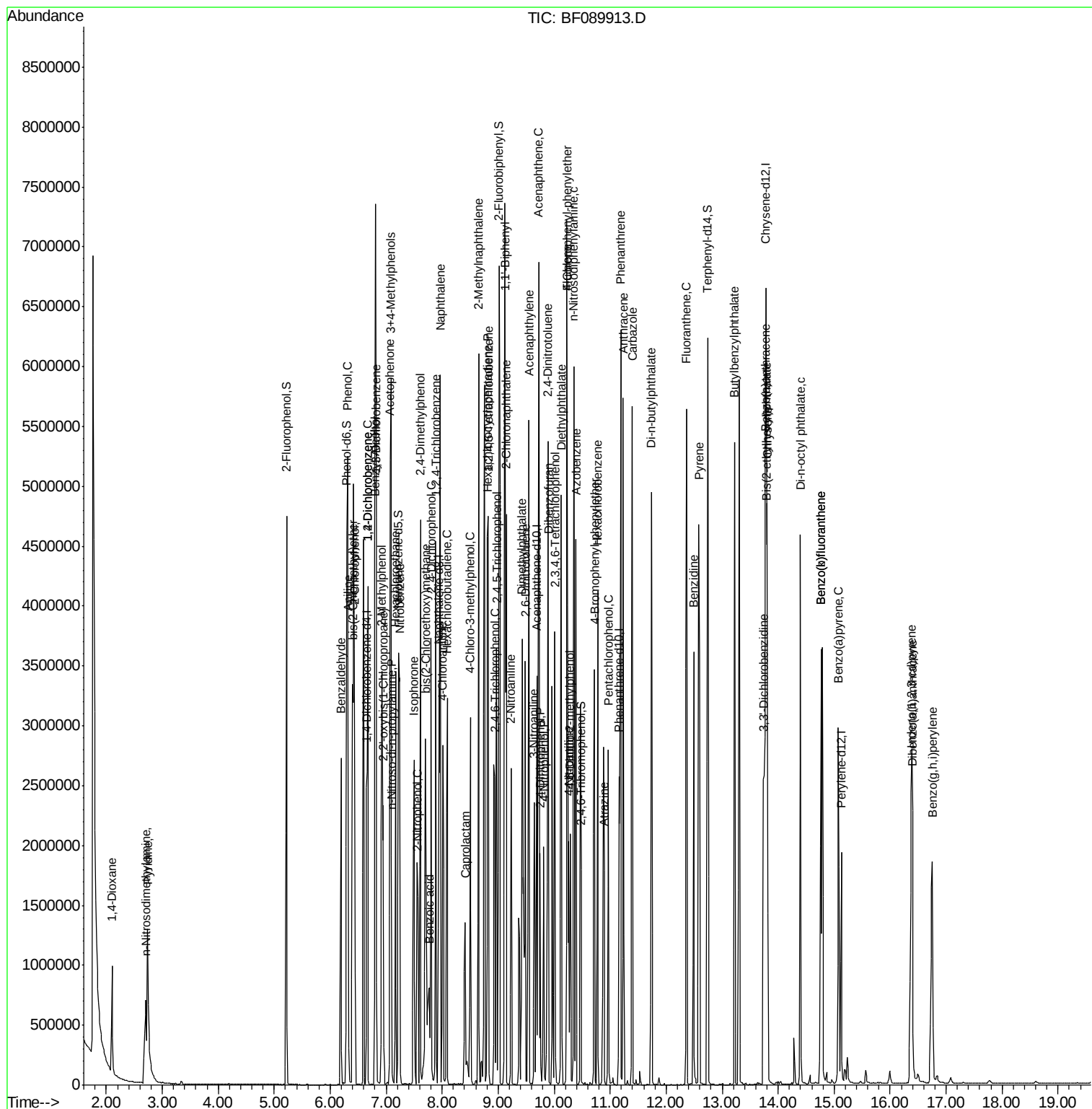
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	630733	40.21	nq	97
43) 2,4,5-Trichlorophenol	8.97	196	602557	38.63	nq	98
45) 1,1'-Biphenyl	9.12	154	2125304	35.67	nq	96
46) 2-Chloronaphthalene	9.14	162	1909943	40.55	nq	92
47) 2-Nitroaniline	9.23	65	469871	34.98	nq	90
48) Acenaphthylene	9.55	152	2941346	41.56	nq	99
49) Dimethylphthalate	9.43	163	1884871	34.77	nq	99
50) 2,6-Dinitrotoluene	9.48	165	491403	39.26	nq	95
51) Acenaphthene	9.72	154	1875148	40.03	nq	99
52) 3-Nitroaniline	9.64	138	552781	39.87	nq	96
53) 2,4-Dinitrophenol	9.75	184	237865	41.41	nq	98
54) Dibenzofuran	9.90	168	2337727	39.74	nq	91
55) 4-Nitrophenol	9.82	139	537164	47.46	nq	87
56) 2,4-Dinitrotoluene	9.88	165	646952	39.84	nq	# 83
57) Fluorene	10.23	166	1681756	35.87	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.01	232	417730	36.79	nq	97
59) Diethylphthalate	10.12	149	2012047	36.54	nq	98
60) 4-Chlorophenyl-phenylether	10.23	204	657932	30.76	nq	93
61) 4-Nitroaniline	10.26	138	522550	40.20	nq	97
62) Azobenzene	10.39	77	1854543	35.82	nq	94
64) 4,6-Dinitro-2-methylphenol	10.28	198	328452	42.80	nq	94
65) n-Nitrosodiphenylamine	10.35	169	1665167	39.66	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	548999	39.21	nq	# 85
67) Hexachlorobenzene	10.78	284	549413	34.40	nq	# 81
68) Atrazine	10.89	200	537204	41.77	nq	93
69) Pentachlorophenol	10.97	266	400706	44.26	nq	97
70) Phenanthrene	11.19	178	2716914	40.28	nq	97
71) Anthracene	11.23	178	2360235	34.42	nq	99
72) Carbazole	11.39	167	2514622	40.89	nq	98
73) Di-n-butylphthalate	11.74	149	2831917	36.81	nq	98
74) Fluoranthene	12.37	202	2737586	42.67	nq	97
76) Benzidine	12.49	184	1368459	46.07	nq	98
77) Pyrene	12.58	202	2749994	36.79	nq	98
79) Butylbenzylphthalate	13.22	149	1270717	37.64	nq	93
80) Benzo(a)anthracene	13.77	228	2069581	39.37	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	850493	49.35	nq	# 94
82) Chrysene	13.81	228	1804494	40.04	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1742365	37.47	nq	# 97
84) Di-n-octyl phthalate	14.40	149	2871673	46.47	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.38	276	1823453	31.72	nq	99
87) Benzo(b)fluoranthene	14.77	252	3390929	77.55	nq	97
88) Benzo(k)fluoranthene	14.77	252	3391807	85.50	nq	99
89) Benzo(a)pyrene	15.07	252	1647624	39.81	nq	99
90) Dibenzo(a,h)anthracene	16.40	278	1496975	33.32	nq	96
91) Benzo(g,h,i)perylene	16.75	276	1559252	32.96	nq	97

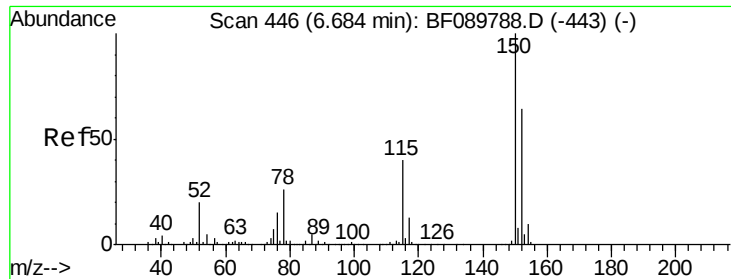
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\  
Data File : BF089913.D  
Acq On    : 26 Aug 2016  17:21  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 26 18:44:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration



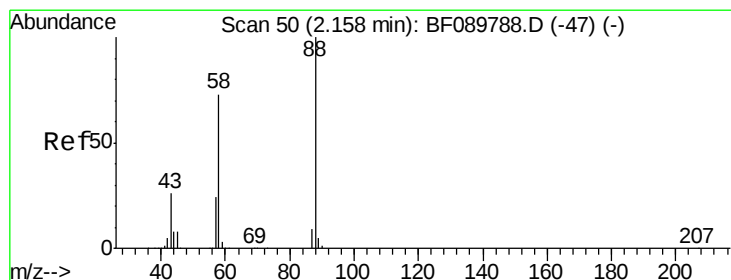
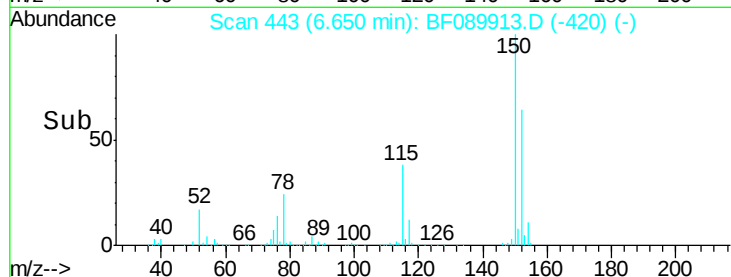
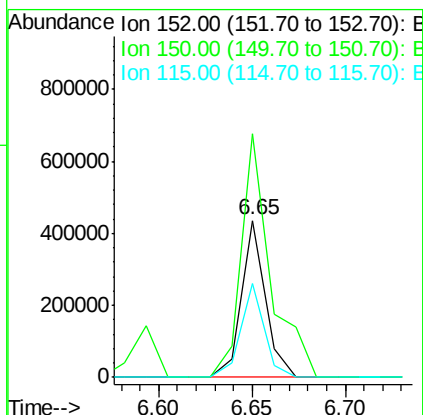
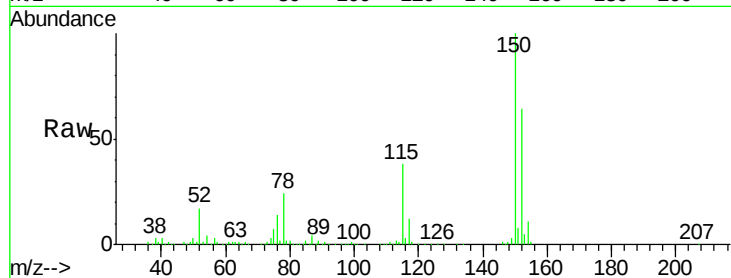


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Instrument :
BNA_F
ClientSampleId :

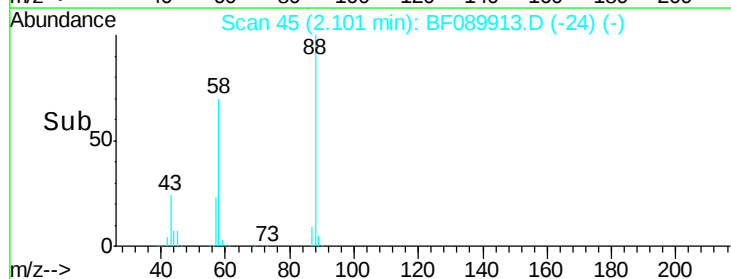
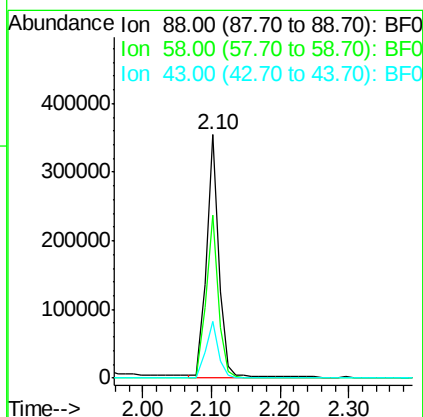
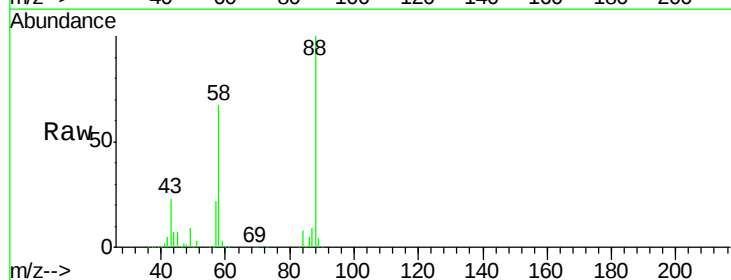
Tot Ion:152 Resp: 388286
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 59.5 40.9 61.3

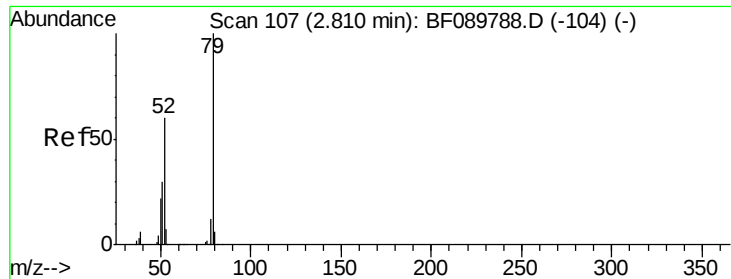


#2

1,4-Dioxane
Concen: 39.46 ng
RT: 2.10 min Scan# 45
Delta R.T. -0.06 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Tgt Ion: 88 Resp: 442205
Ion Ratio Lower Upper
88 100
58 66.3 57.0 85.4
43 23.8 21.8 32.8





#3

Pvridine

Concen: 40.87 ng

RT: 2.74 min Scan# 101

Delta R.T. -0.07 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

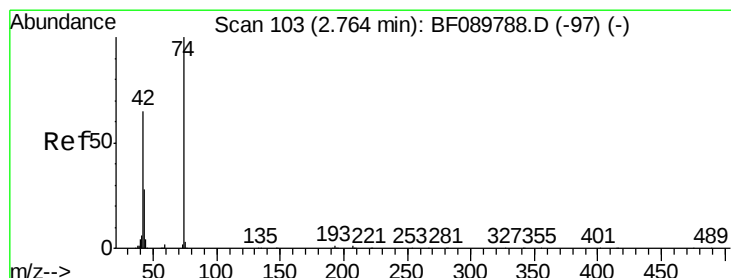
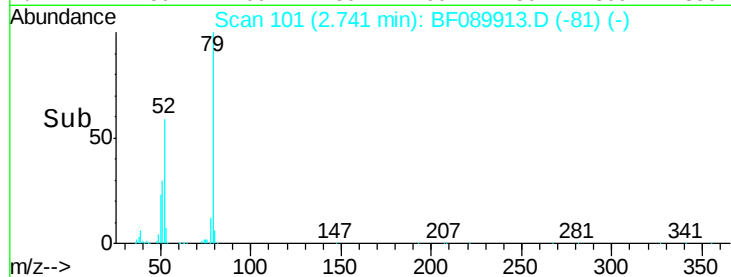
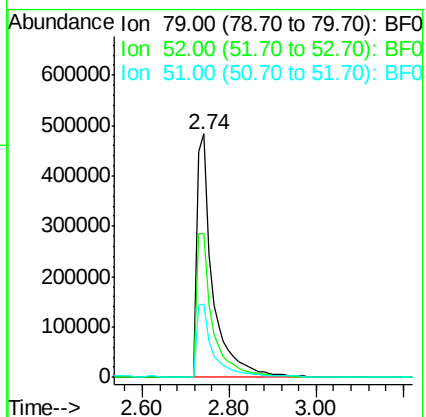
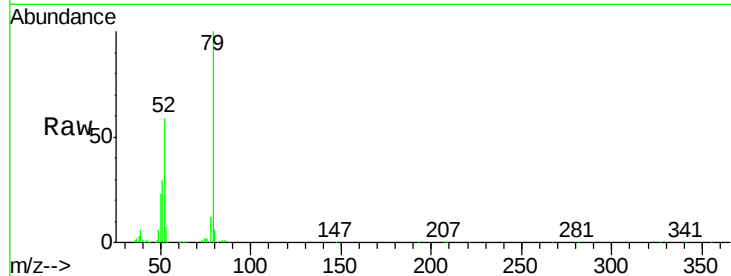
Tot Ion: 79 Resp: 1201092

Ion Ratio Lower Upper

79 100

52 59.1 53.6 80.4

51 30.1 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 42.47 ng

RT: 2.71 min Scan# 98

Delta R.T. -0.06 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

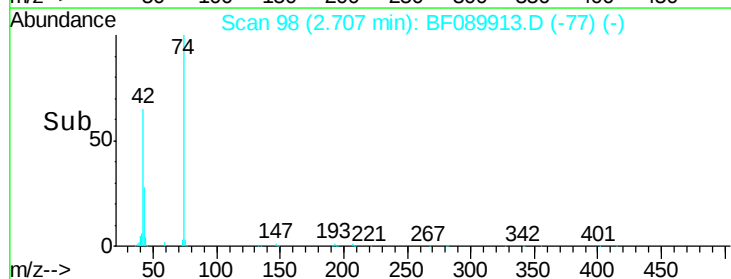
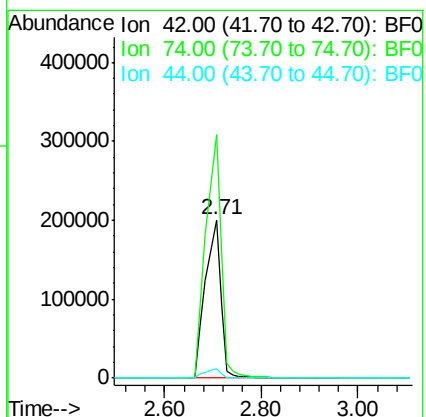
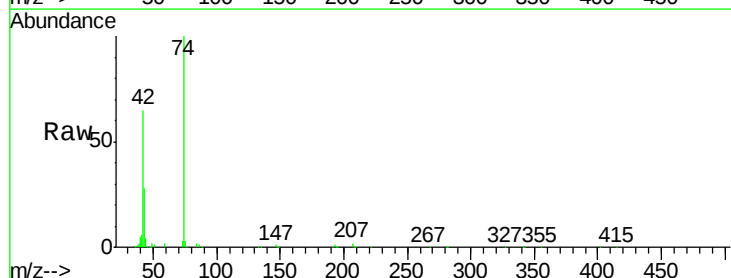
Tgt Ion: 42 Resp: 464654

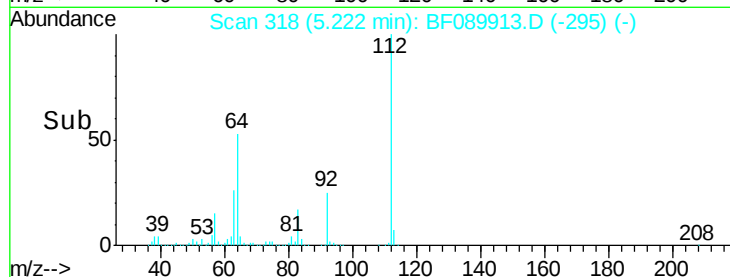
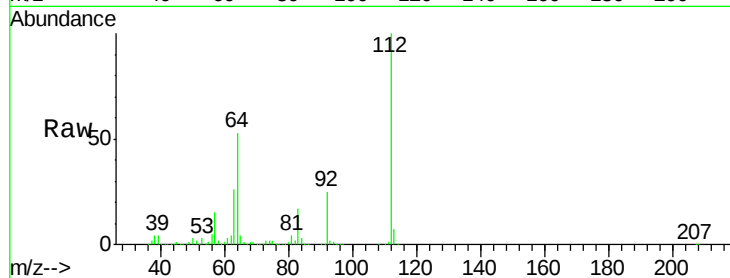
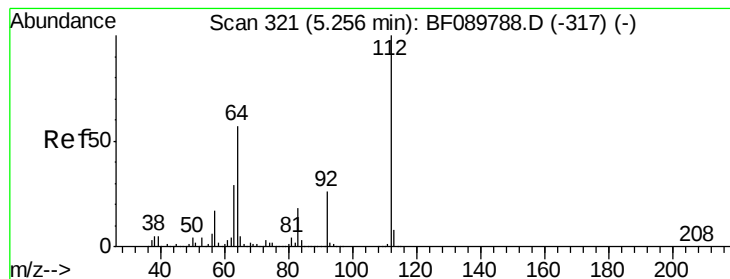
Ion Ratio Lower Upper

42 100

74 153.9 106.2 159.2

44 6.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 72.53 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

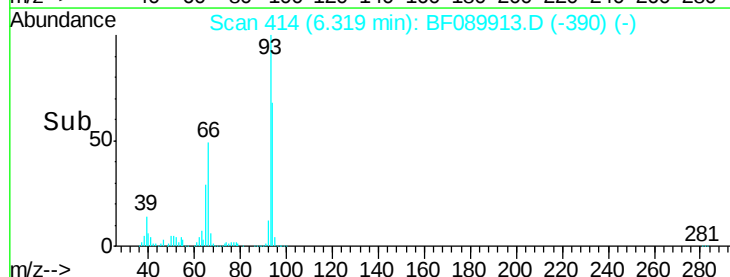
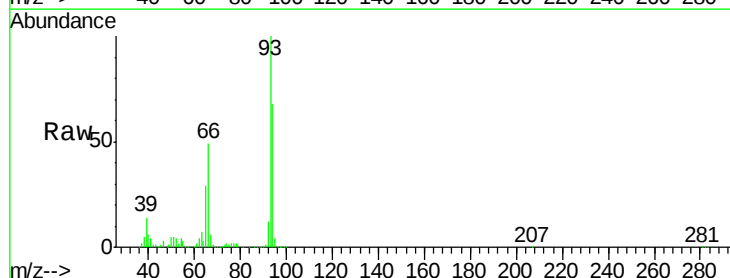
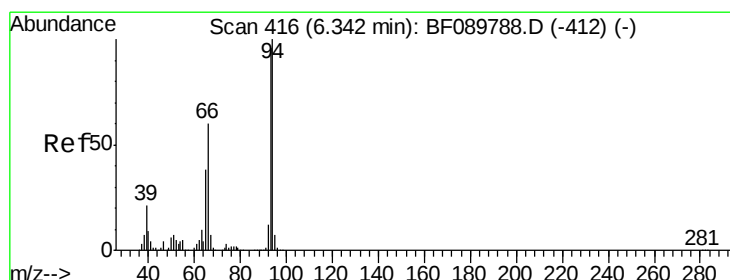
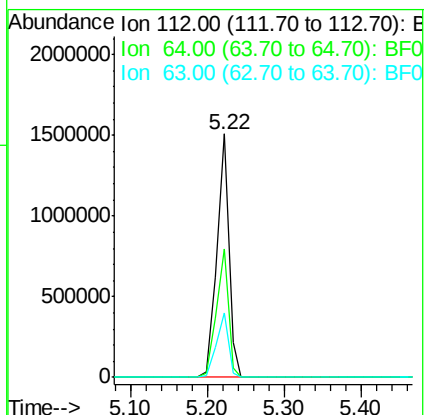
Tot Ion:112 Resp: 1642130

Ion Ratio Lower Upper

112 100

64 53.0 45.0 67.4

63 26.2 23.1 34.7



#6

Aniline

Concen: 38.76 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

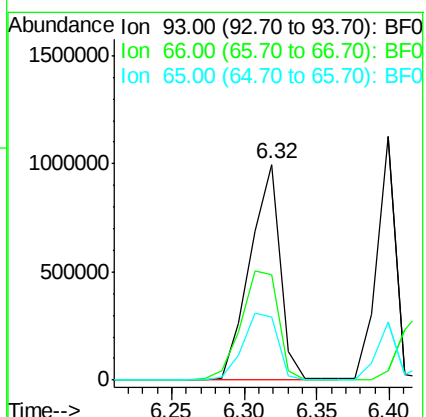
Tgt Ion: 93 Resp: 1444996

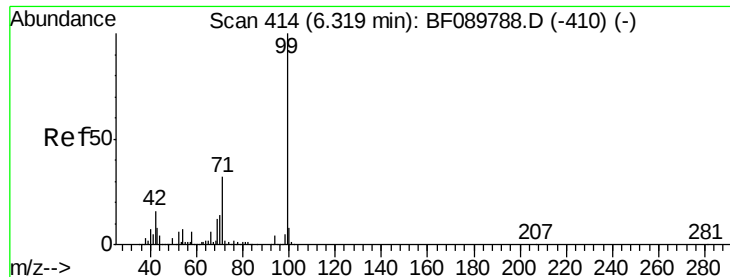
Ion Ratio Lower Upper

93 100

66 48.9 30.6 46.0#

65 29.0 15.4 23.2#





#7

Phenol-d6

Concen: 78.79 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

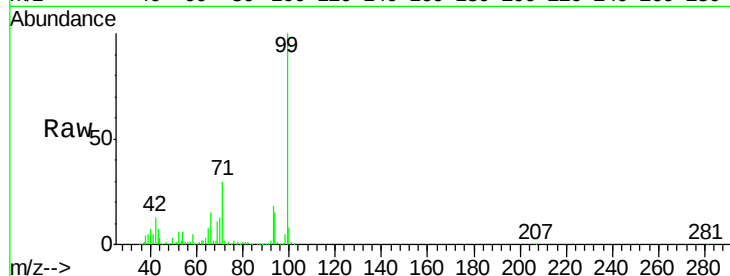
Tot Ion: 99 Resp: 2189878

Ion Ratio Lower Upper

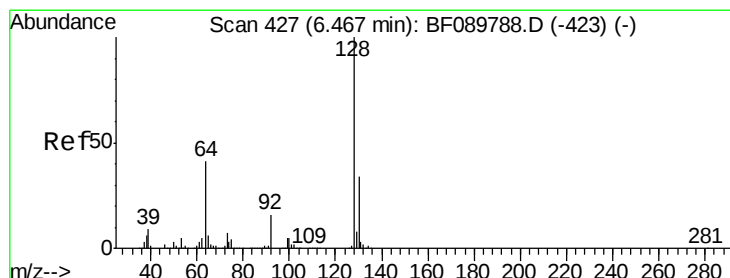
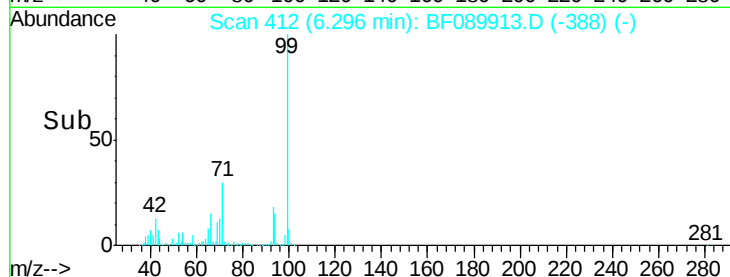
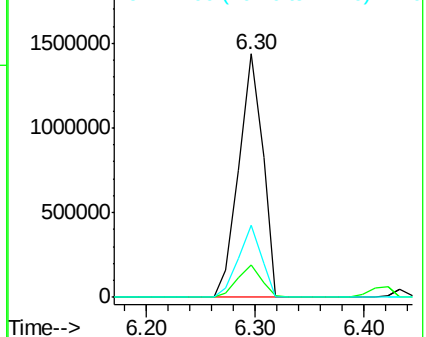
99 100

42 13.4 12.2 18.4

71 29.7 23.8 35.8



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: 37.22 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

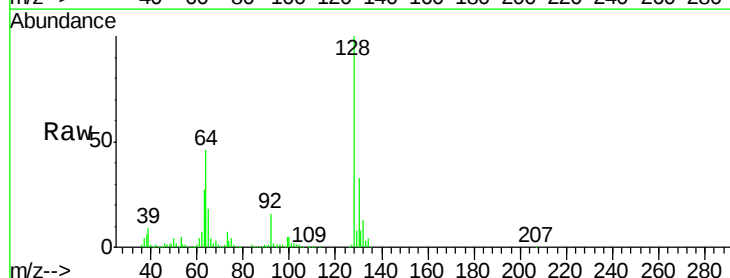
Tgt Ion: 128 Resp: 1007672

Ion Ratio Lower Upper

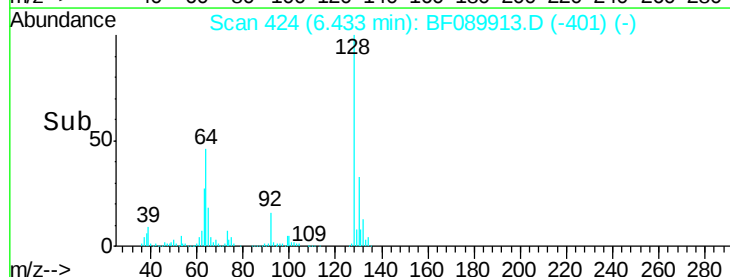
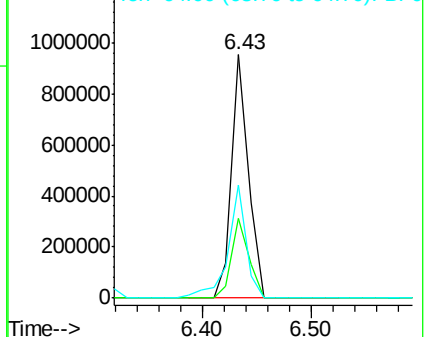
128 100

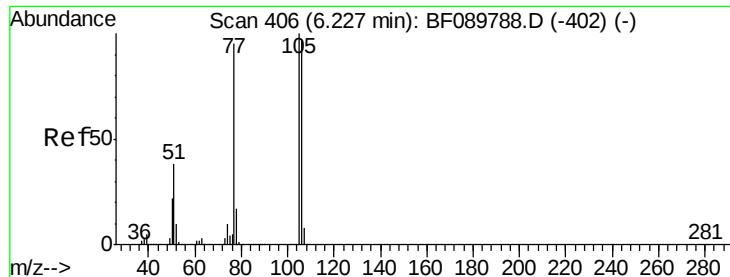
130 32.8 12.0 52.0

64 46.5 35.1 75.1



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: 36.76 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

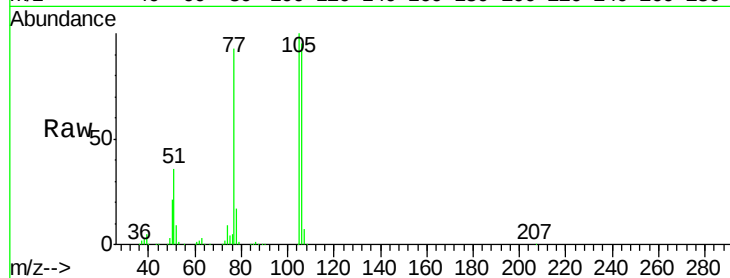
Tot Ion: 77 Resp: 665612

Ion Ratio Lower Upper

77 100

105 108.1 73.3 113.3

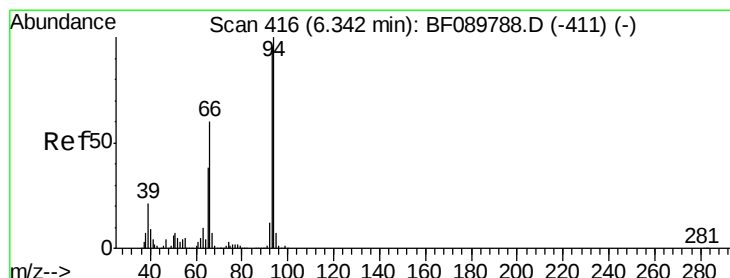
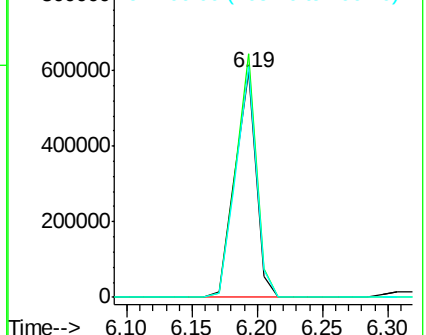
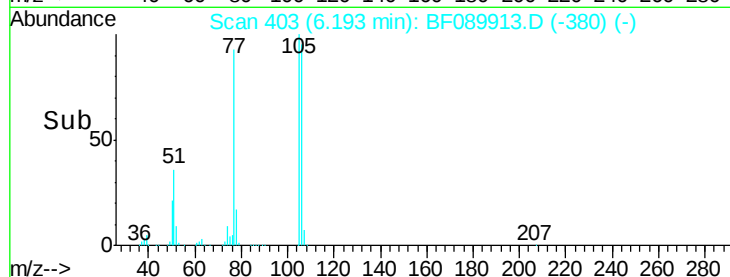
106 102.5 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.31 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

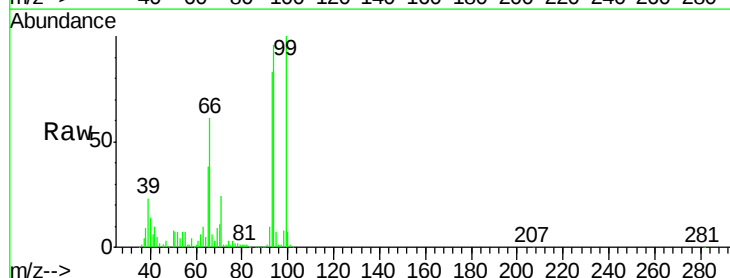
Tgt Ion: 94 Resp: 1182774

Ion Ratio Lower Upper

94 100

65 39.4 14.0 54.0

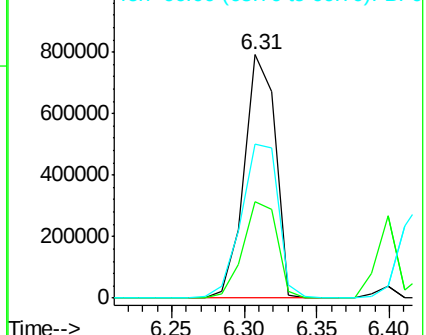
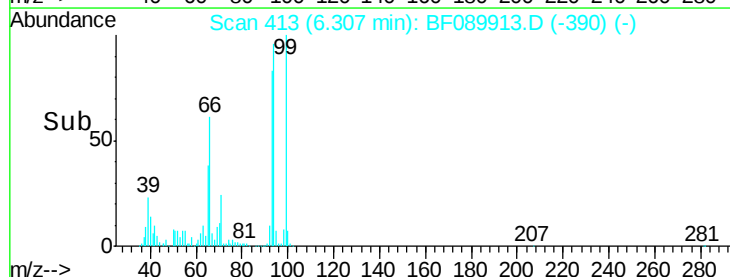
66 63.5 31.2 71.2

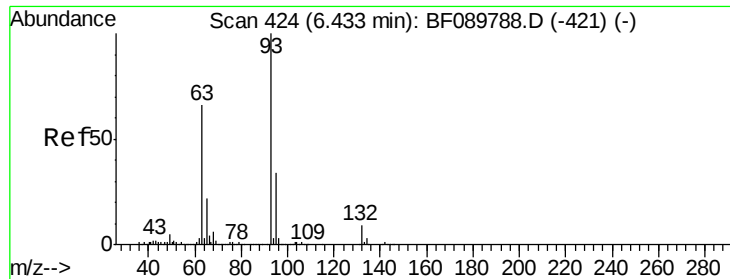


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

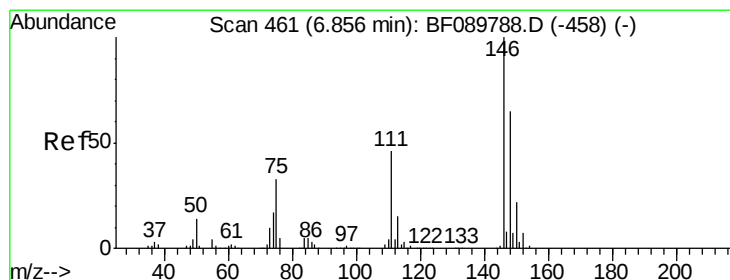
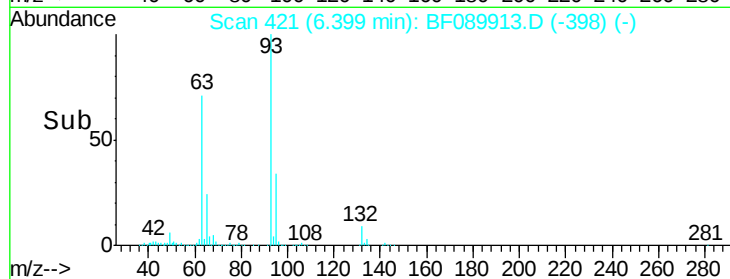
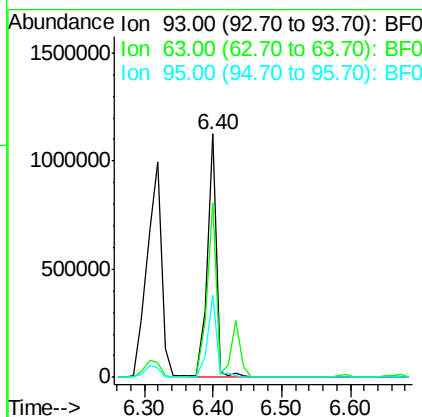
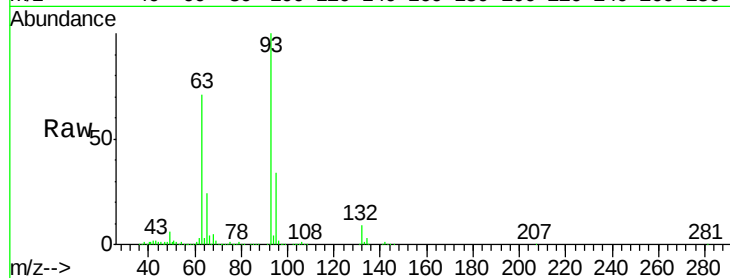




#11
bis(2-Chloroethyl)ether
Concen: 40.78 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.03 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

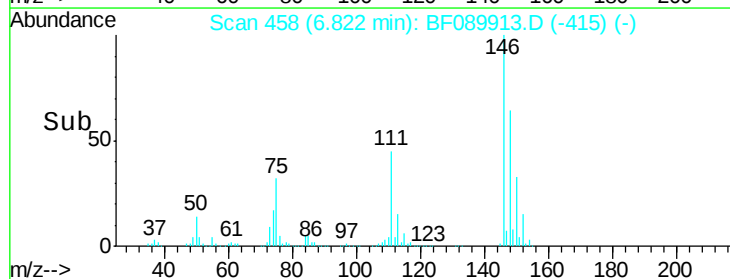
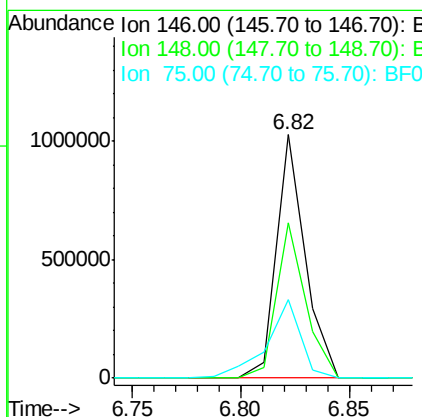
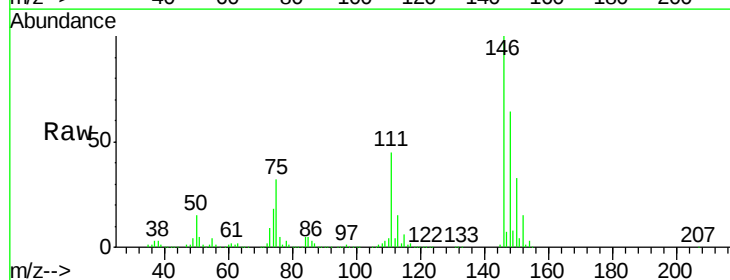
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1029976
Ion Ratio Lower Upper
93 100
63 71.4 55.8 95.8
95 33.7 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 33.54 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.19 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Tgt Ion: 146 Resp: 949503
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 32.4 27.0 40.6

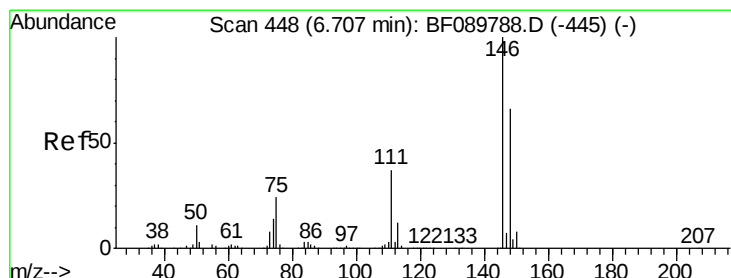
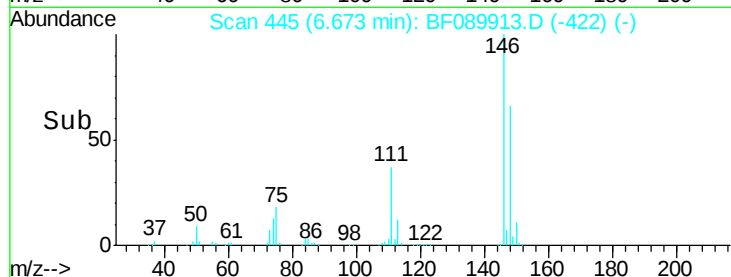
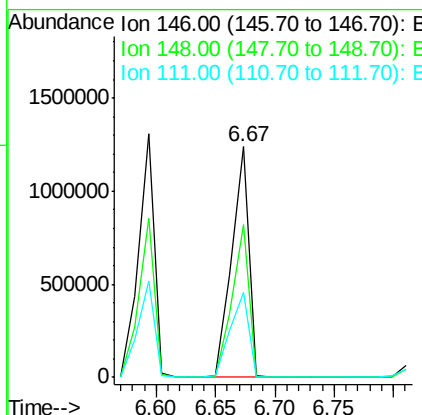
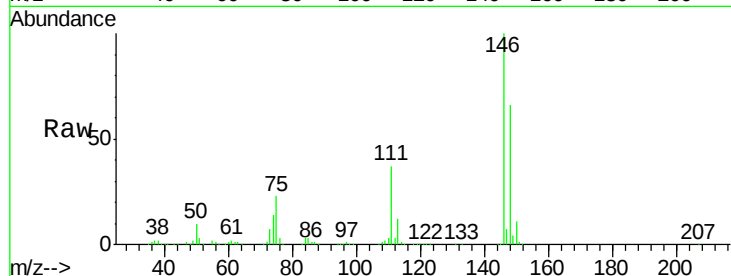




#13
 1,4-Dichlorobenzene
 Concen: 42.46 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.03 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

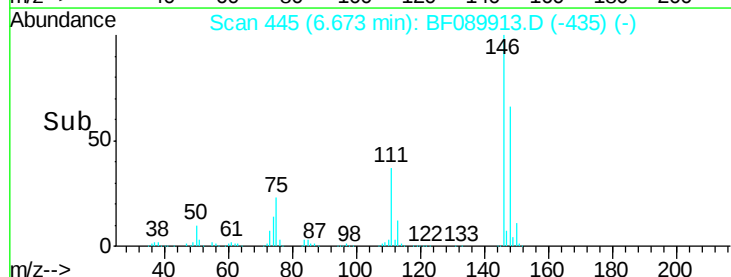
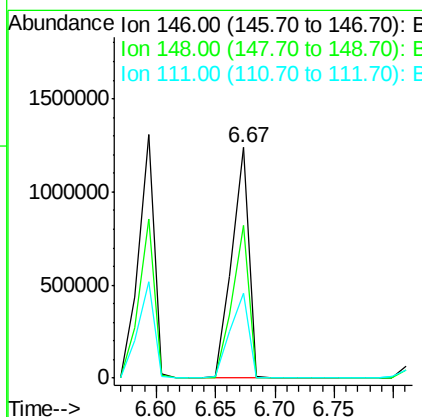
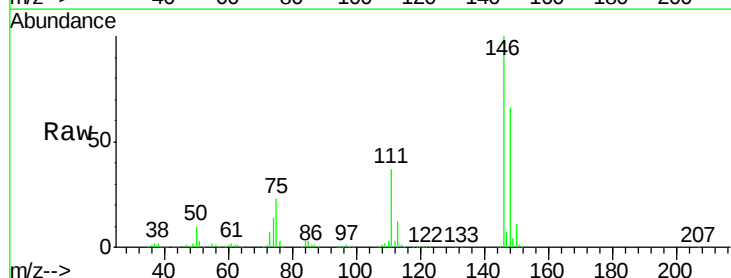
Instrument :
 BNA_F
 ClientSampleId :

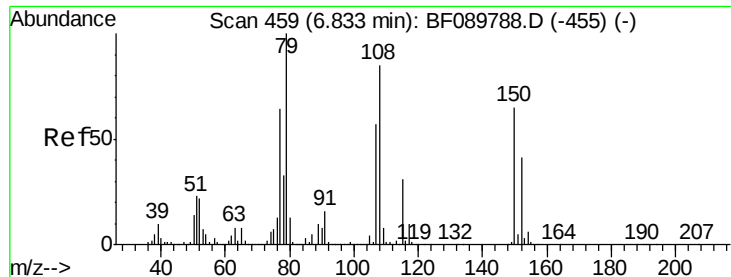
Tot Ion:146 Resp: 1235423
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.0 76.6
 111 36.8 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 45.49 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.18 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Tgt Ion:146 Resp: 1235423
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.2 78.2
 111 36.8 29.8 44.6





#15

Benzyl Alcohol

Concen: 38.11 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :
BNA_F
ClientSampleId :

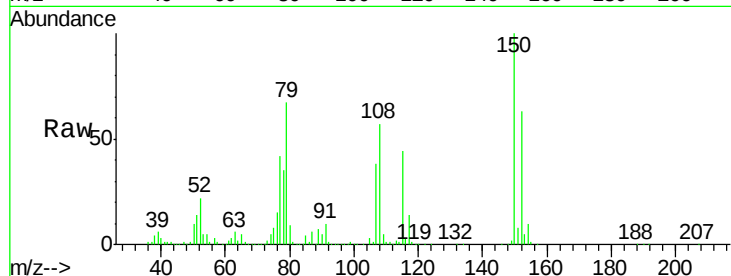
Tot Ion: 79 Resp: 702525

Ion Ratio Lower Upper

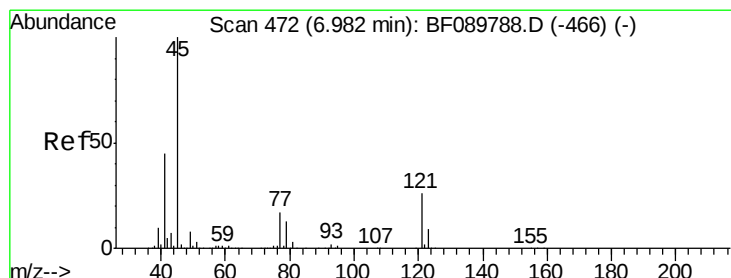
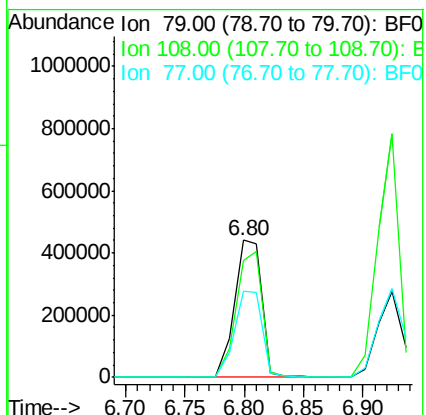
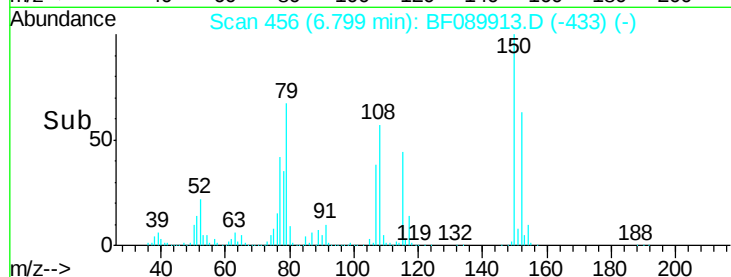
79 100

108 85.2 62.5 93.7

77 62.9 51.5 77.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.63 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

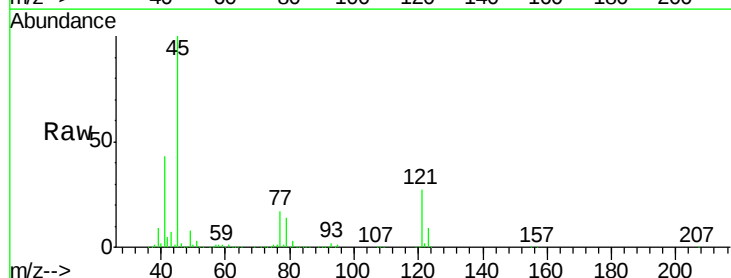
Tgt Ion: 45 Resp: 1216667

Ion Ratio Lower Upper

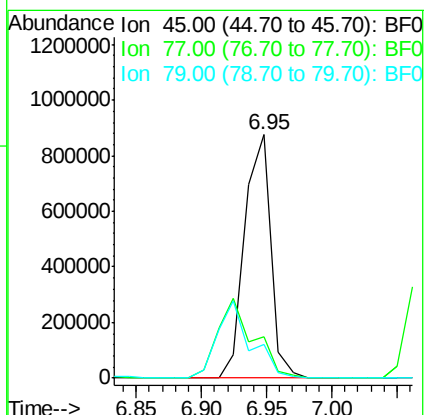
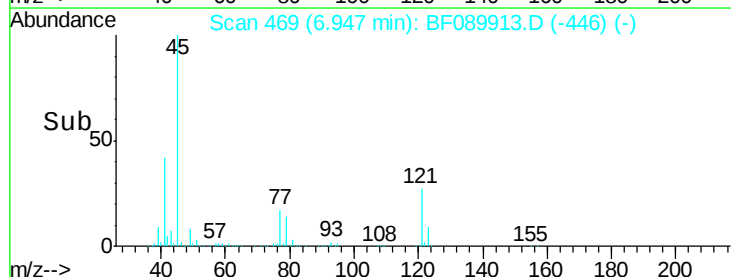
45 100

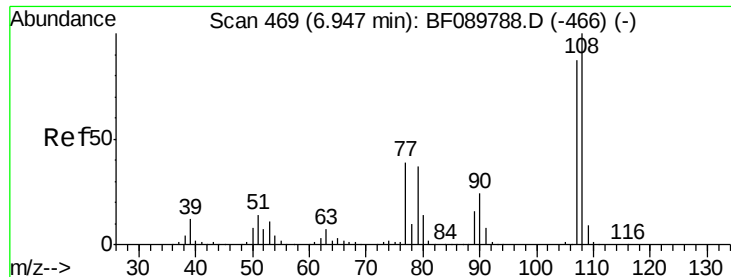
77 17.2 0.0 33.5

79 13.8 0.0 30.7



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

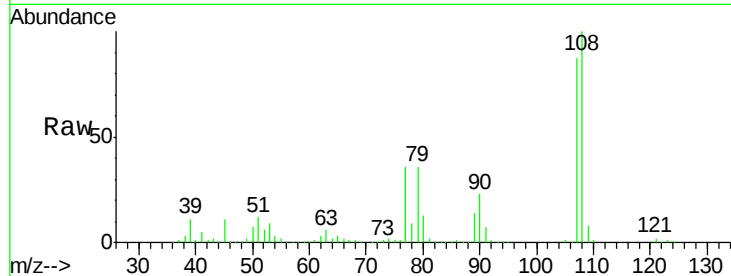




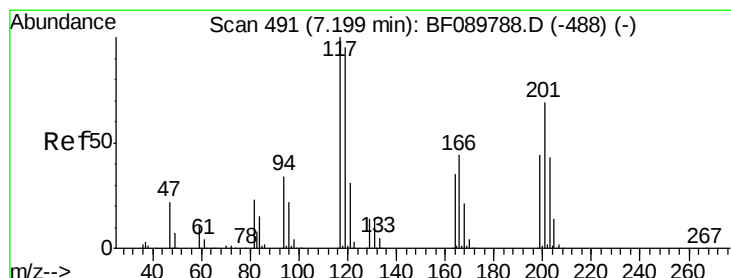
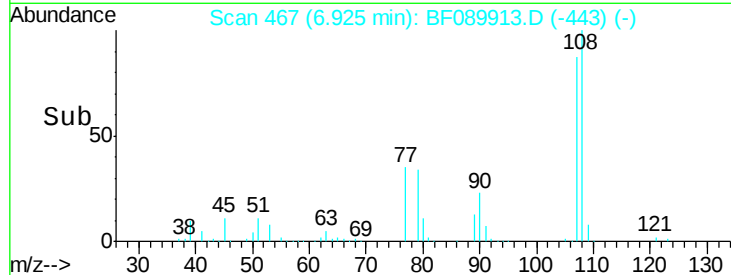
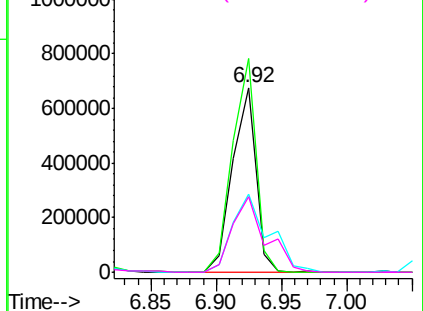
#17
2-Methylphenol
Concen: 39.79 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	843786
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.0	136.4
77	42.0	37.4	56.0
79	41.1	36.6	55.0

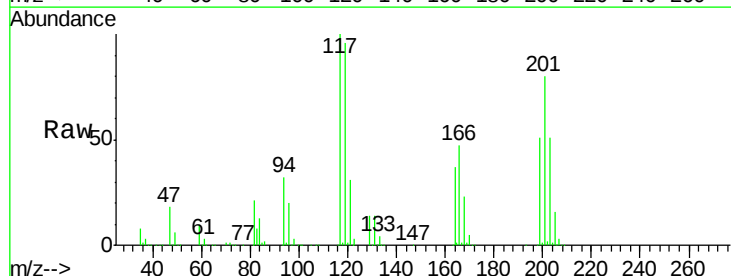


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

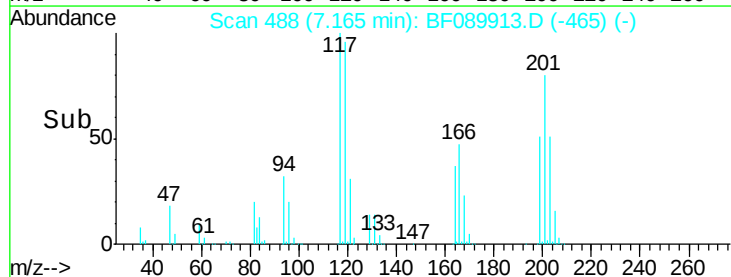
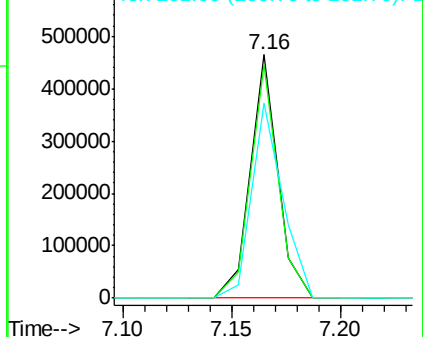


#18
Hexachloroethane
Concen: 39.35 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Tgt Ion:	117	Resp:	408351
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.1	115.7
201	80.0	76.9	115.3



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

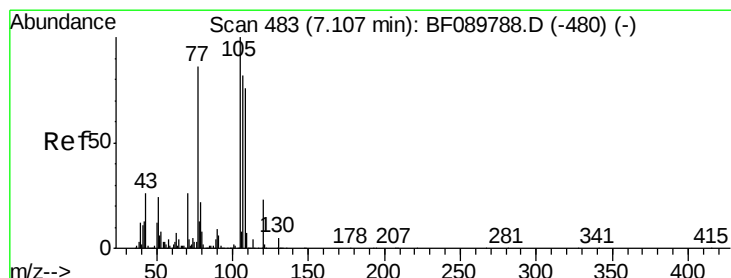
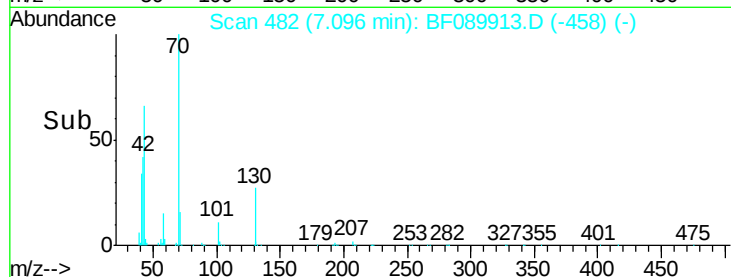
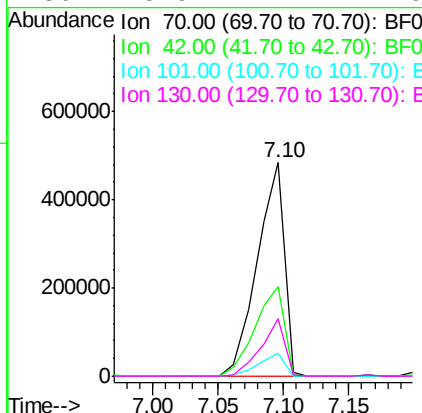
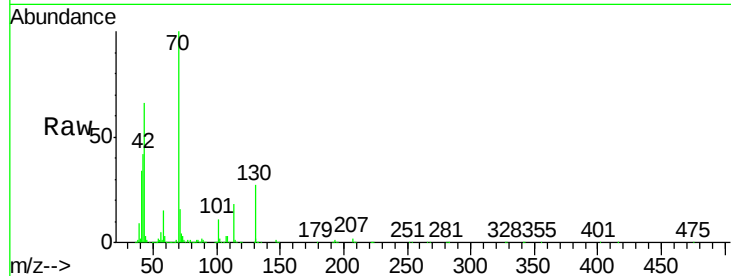




#19
n-Nitroso-di-n-propylamine
Concen: 39.60 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

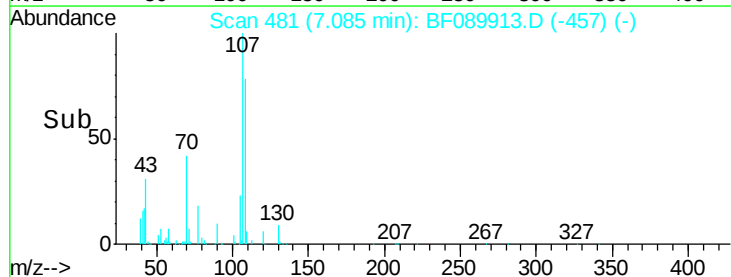
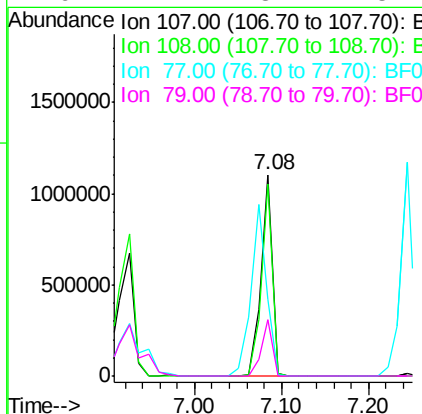
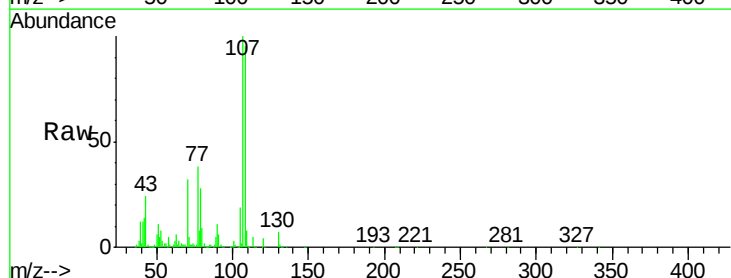
Instrument :
BNA_F
ClientSampleId :

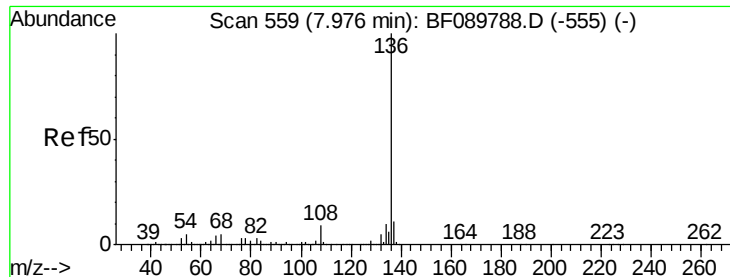
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.2	46.3	69.5#
101	10.8	7.0	10.6#
130	26.9	14.4	21.6#



#20
3+4-Methylphenols
Concen: 39.62 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.4	68.2	108.2
77	38.3	122.3	162.3#
79	27.7	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1619573

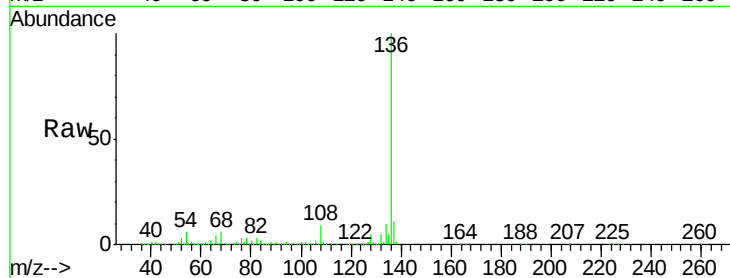
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 5.8 7.2 10.8#

68 5.6 5.8 8.8#

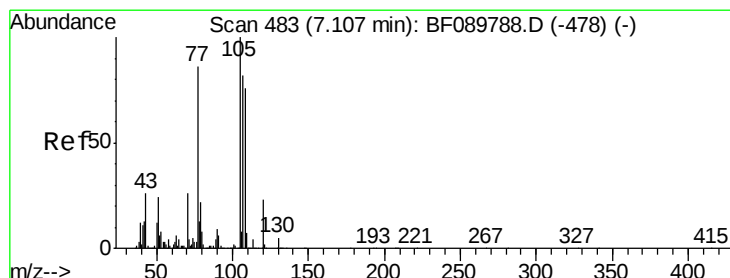
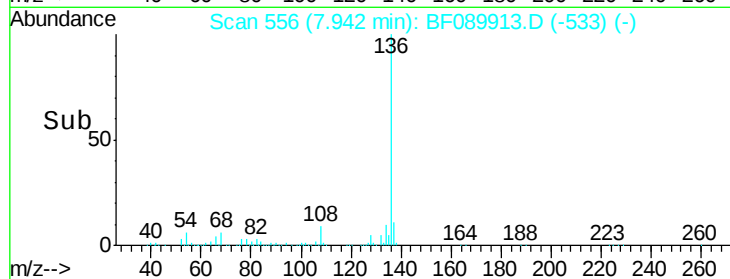
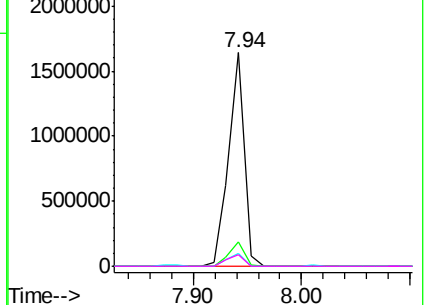


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.70 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Tgt Ion:105 Resp: 1290562

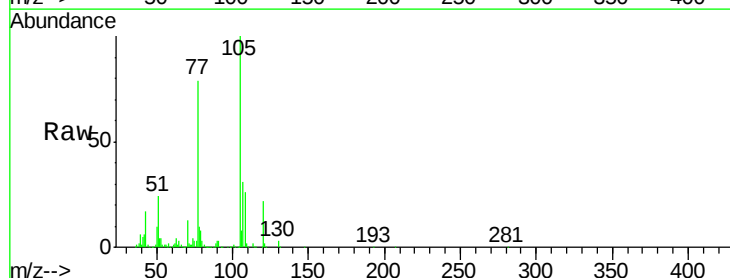
Ion Ratio Lower Upper

105 100

71 2.2 1.9 2.9

51 23.6 28.5 42.7#

120 22.1 16.6 25.0

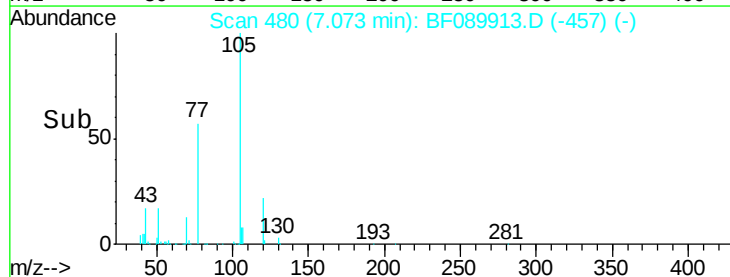
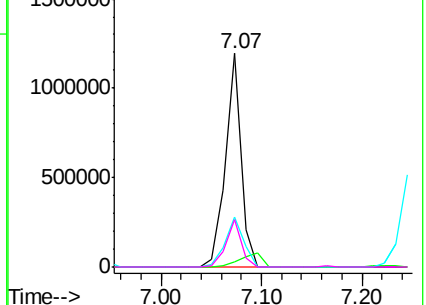


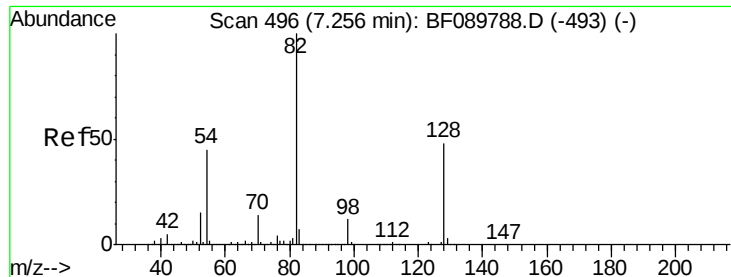
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



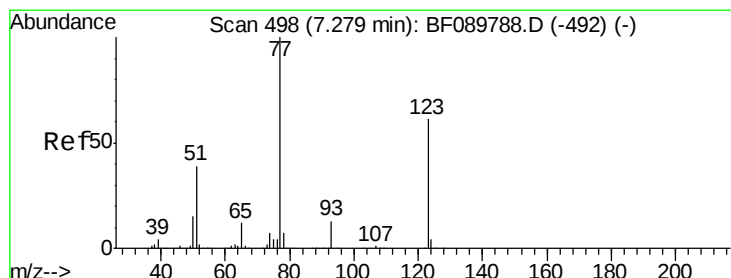
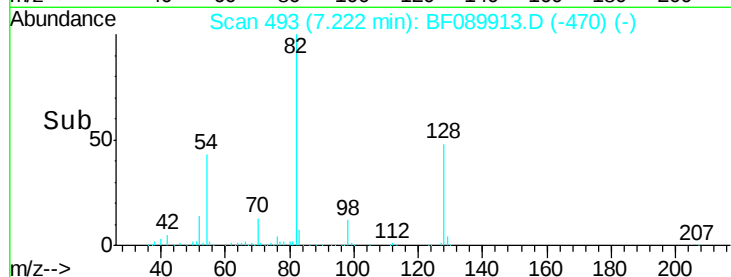
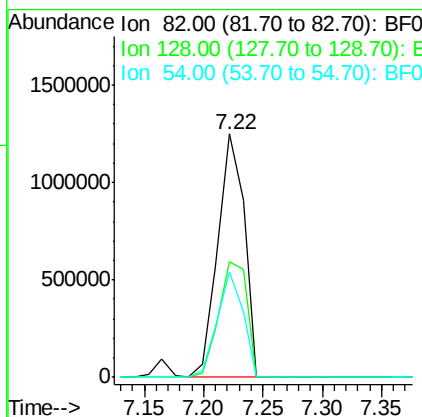
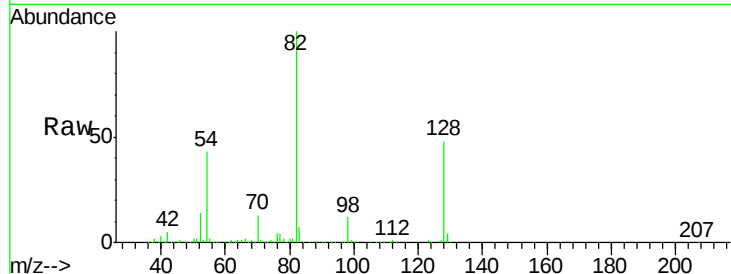


#23
 Nitrobenzene-d5
 Concen: 73.73 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.03 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1921978

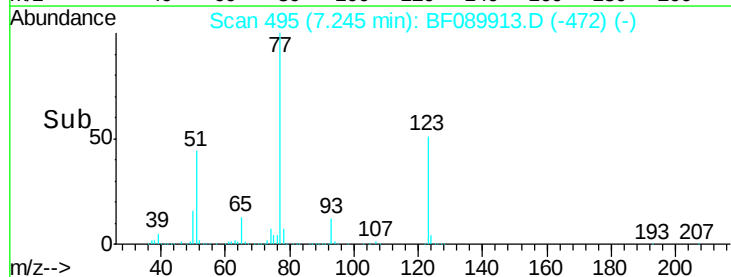
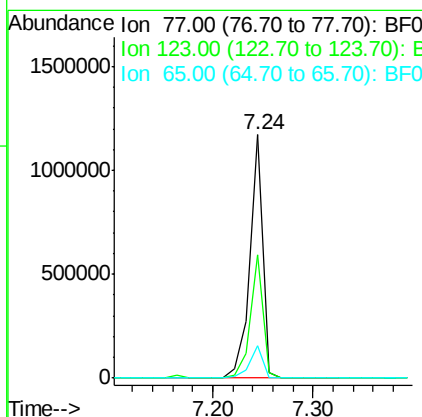
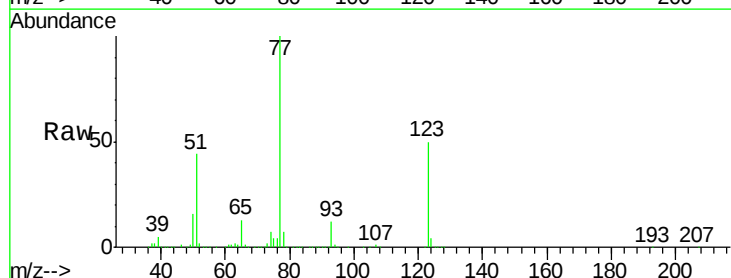
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.4	51.6
54	43.3	40.3	60.5

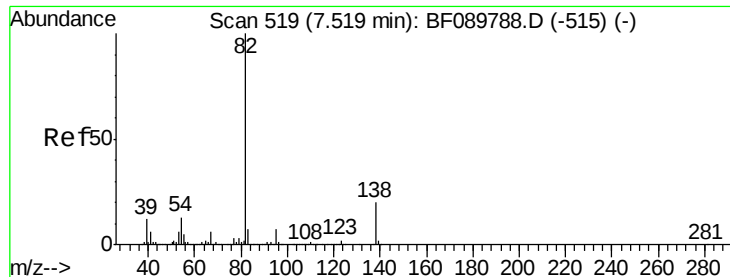


#24
 Nitrobenzene
 Concen: 35.61 ng
 RT: 7.24 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Tgt Ion: 77 Resp: 1041585

Ion	Ratio	Lower	Upper
77	100		
123	50.5	36.2	54.2
65	13.2	10.6	15.8





#25

Isophorone

Concen: 38.24 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

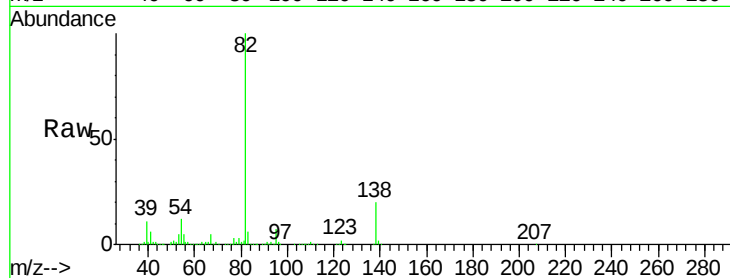
Tot Ion: 82 Resp: 2010739

Ion Ratio Lower Upper

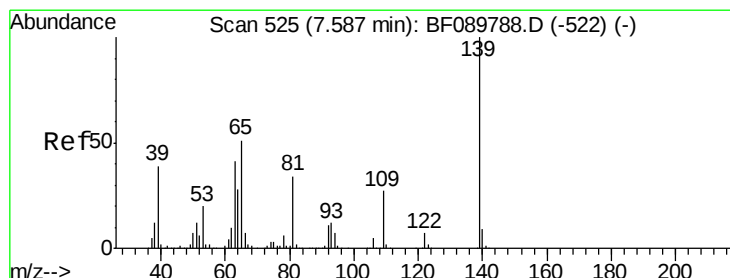
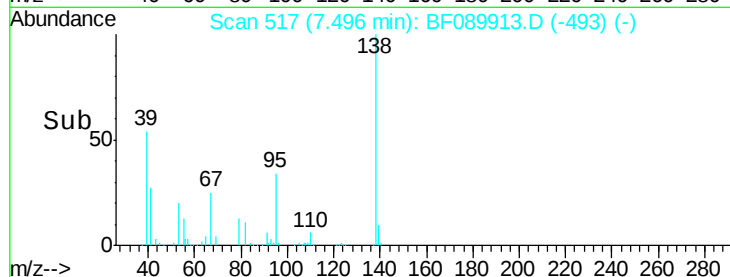
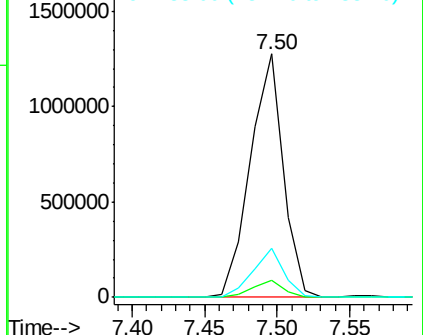
82 100

95 6.9 5.3 7.9

138 20.2 13.0 19.4#



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



#26

2-Nitrophenol

Concen: 43.47 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

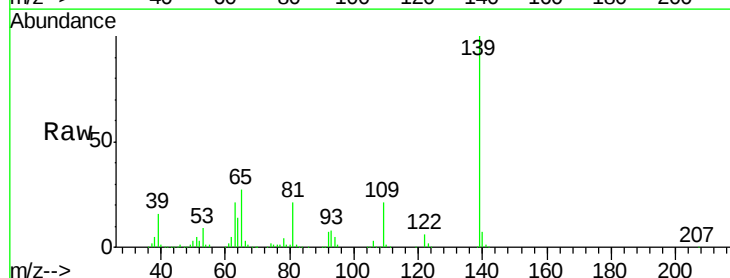
Tgt Ion: 139 Resp: 634336

Ion Ratio Lower Upper

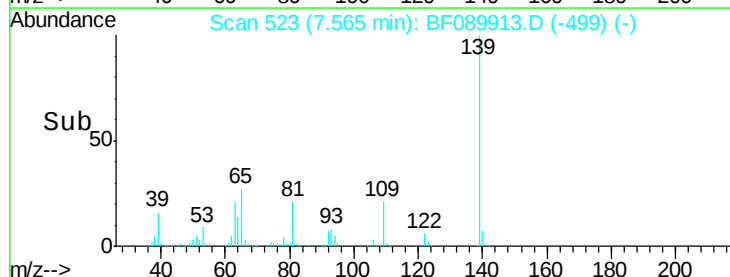
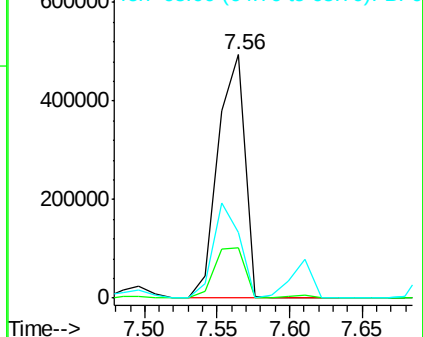
139 100

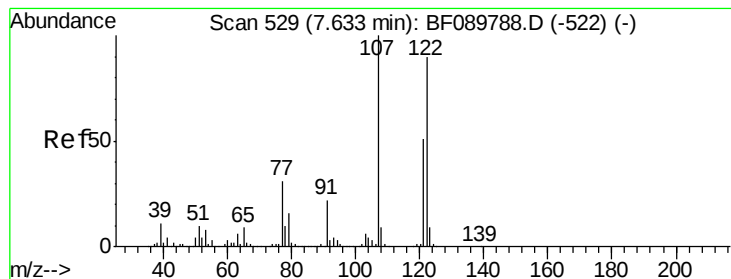
109 20.9 19.5 29.3

65 27.0 26.5 39.7



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

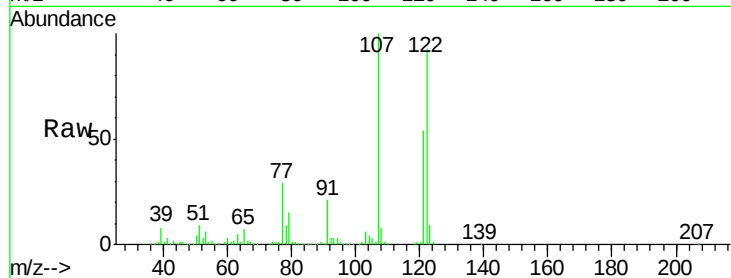




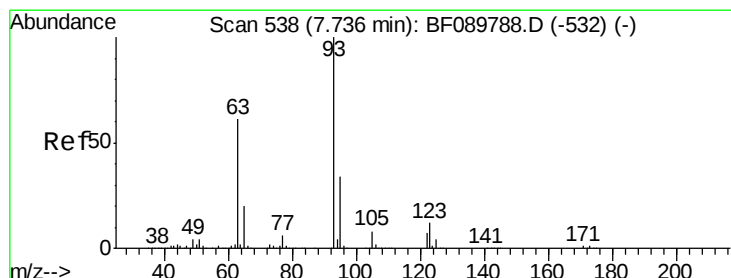
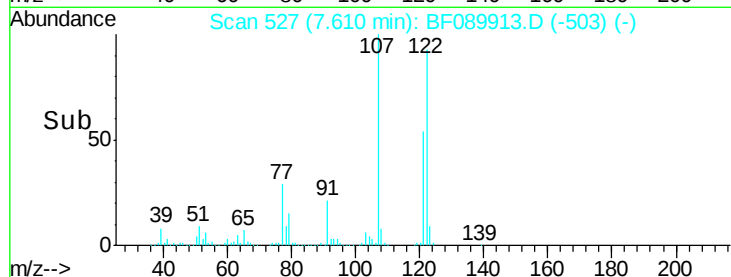
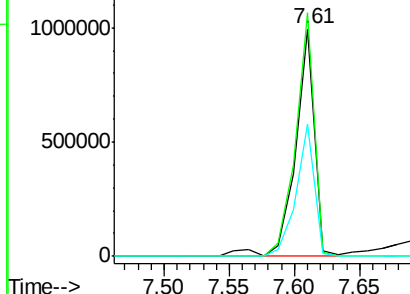
#27
 2,4-Dimethylphenol
 Concen: 38.74 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.02 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 1018886
 Ion Ratio Lower Upper
 122 100
 107 107.1 84.8 127.2
 121 58.0 47.0 70.6

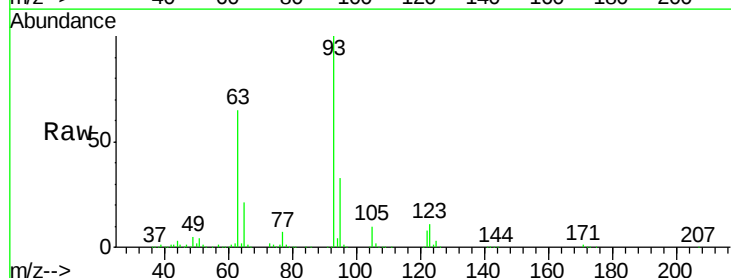


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

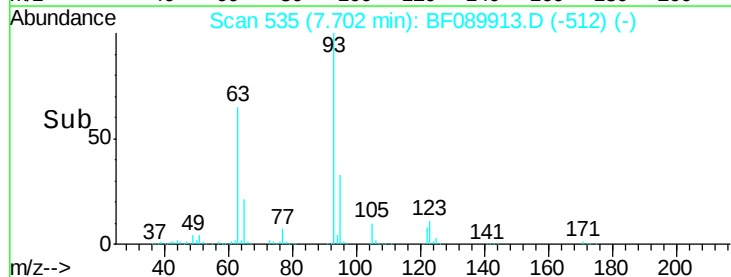
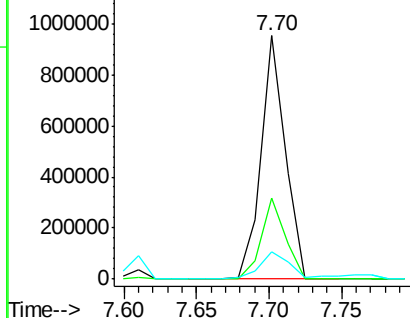


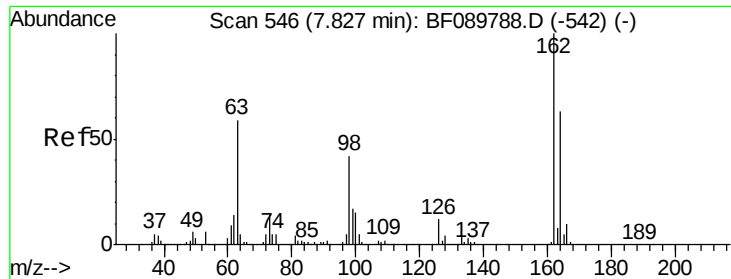
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.00 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.03 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Tgt Ion: 93 Resp: 1106044
 Ion Ratio Lower Upper
 93 100
 95 33.1 25.5 38.3
 123 11.2 8.5 12.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.03 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

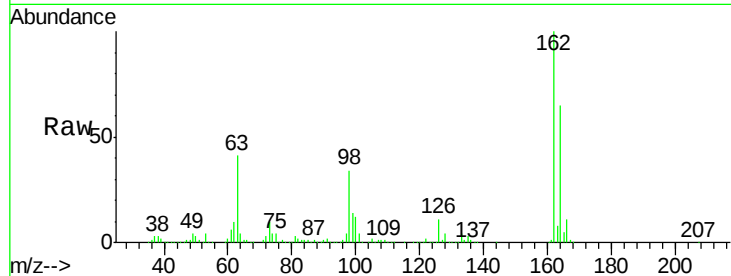
Tot Ion:162 Resp: 905372

Ion Ratio Lower Upper

162 100

164 64.9 45.5 85.5

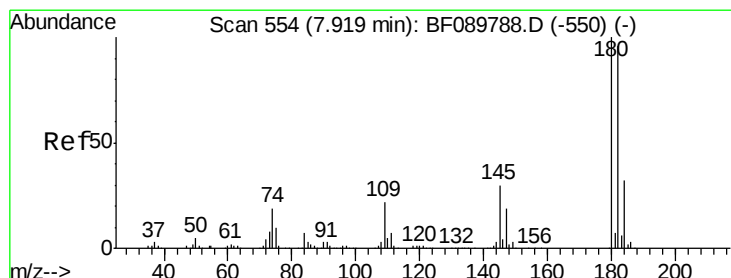
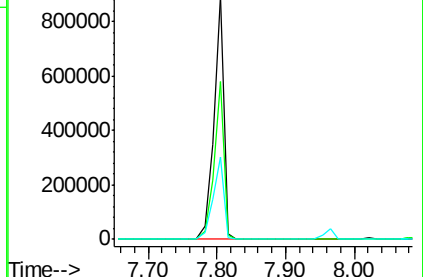
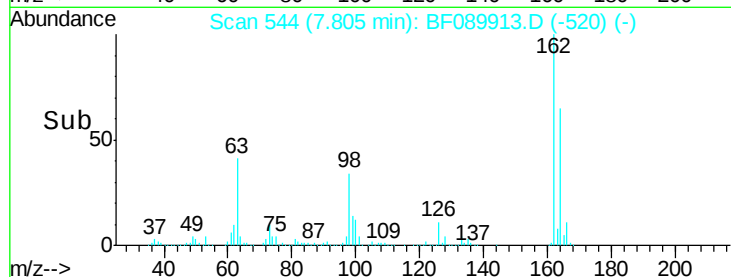
98 33.9 12.4 52.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.86 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

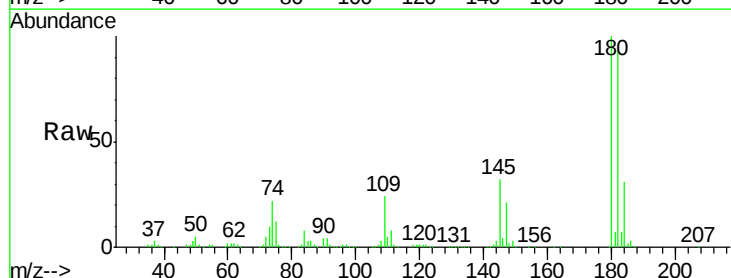
Tgt Ion:180 Resp: 924104

Ion Ratio Lower Upper

180 100

182 93.5 75.5 113.3

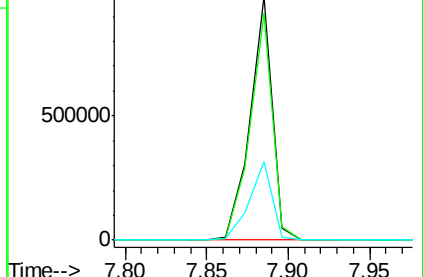
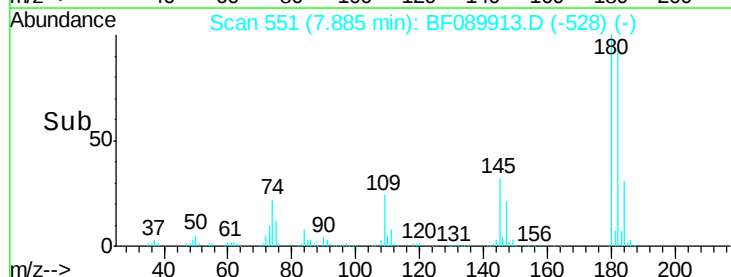
145 32.2 28.7 43.1

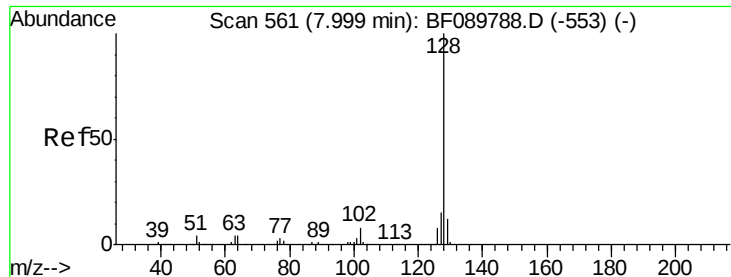


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

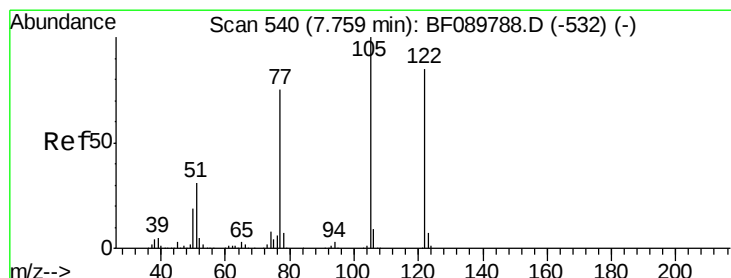
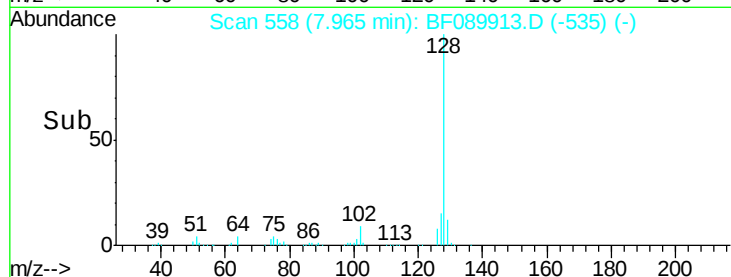
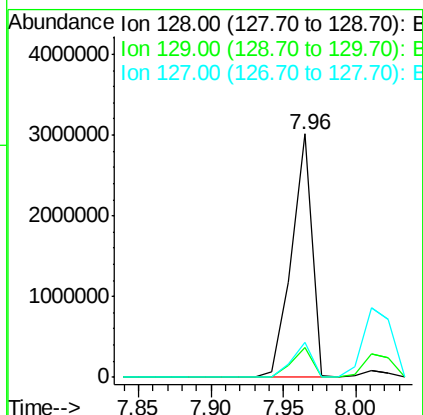
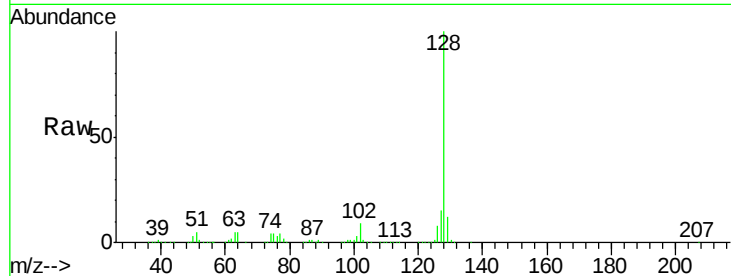




#31
Naphthalene
Concen: 38.96 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

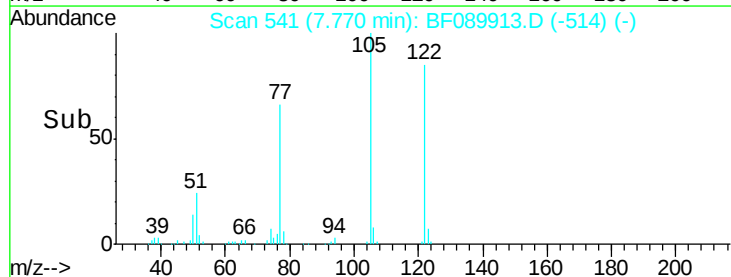
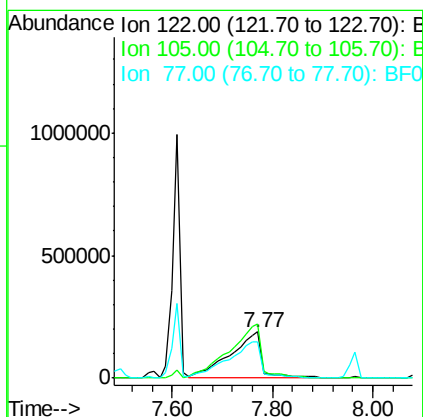
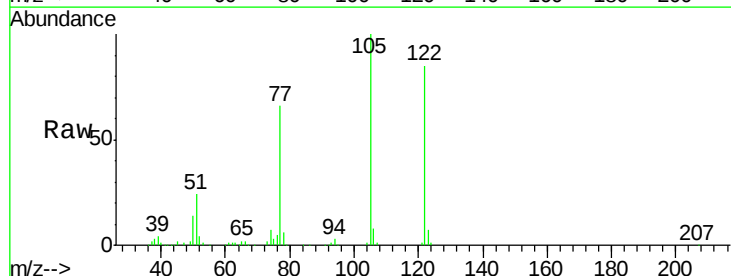
Instrument :
BNA_F
ClientSampleId :

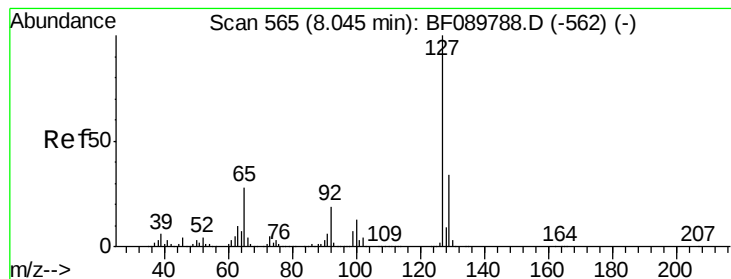
Tot Ion:128 Resp: 2948765
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 14.6 11.3 16.9



#32
Benzoic acid
Concen: 40.14 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Tgt Ion:122 Resp: 822598
Ion Ratio Lower Upper
122 100
105 118.2 100.8 140.8
77 78.4 72.1 112.1





#33

4-Chloroaniline

Concen: 36.98 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 1213370

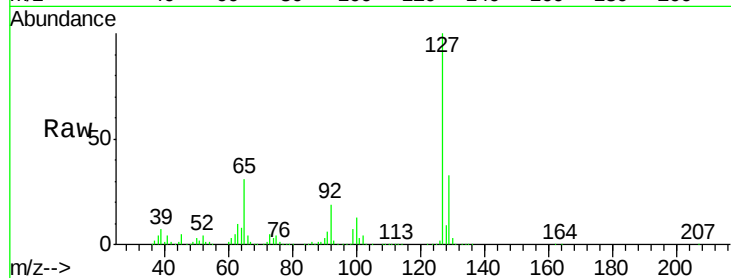
Ion Ratio Lower Upper

127 100

129 32.8 27.0 40.6

65 30.6 14.7 22.1#

92 19.2 11.7 17.5#

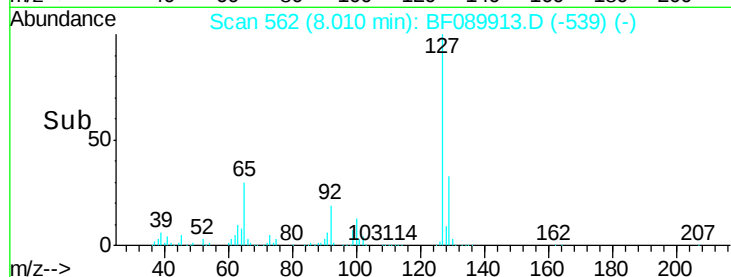


Abundance Ion 127.00 (126.70 to 127.70): E

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



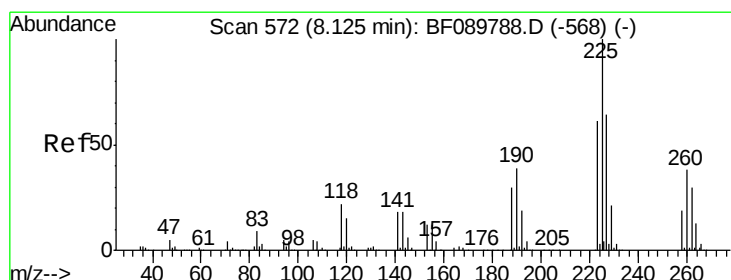
Abundance

8.01

500000

1000000

Time-->



#34

Hexachlorobutadiene

Concen: 39.09 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

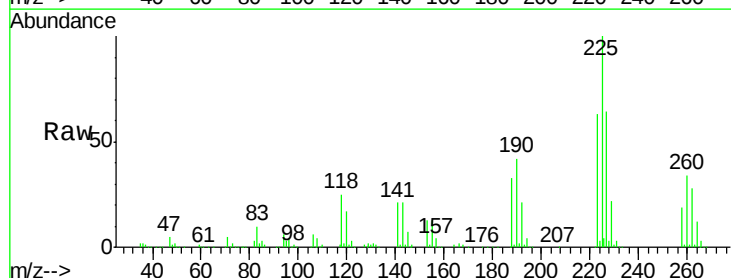
Tgt Ion:225 Resp: 499663

Ion Ratio Lower Upper

225 100

223 63.1 51.0 76.6

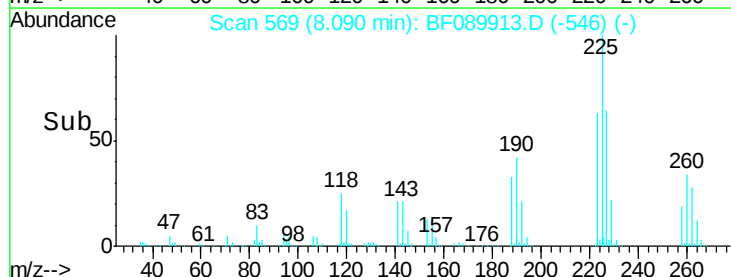
227 64.3 49.8 74.6



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



Abundance

8.09

500000

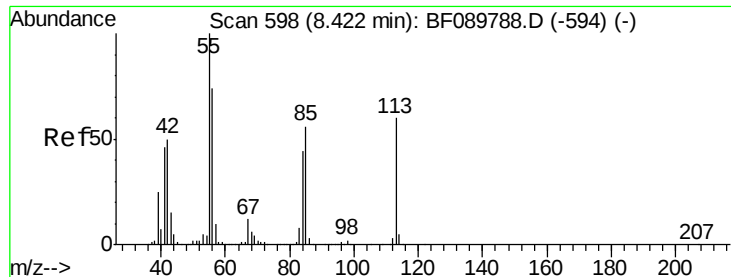
400000

300000

200000

100000

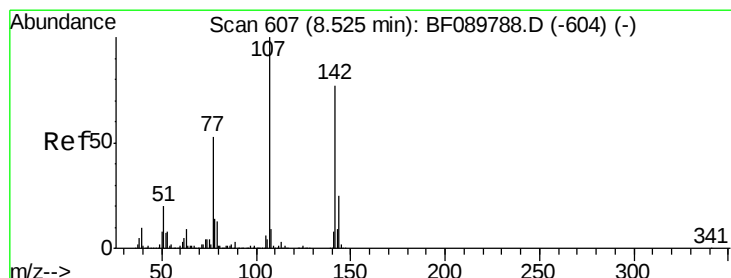
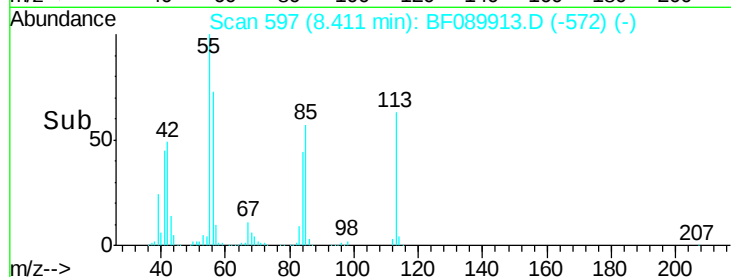
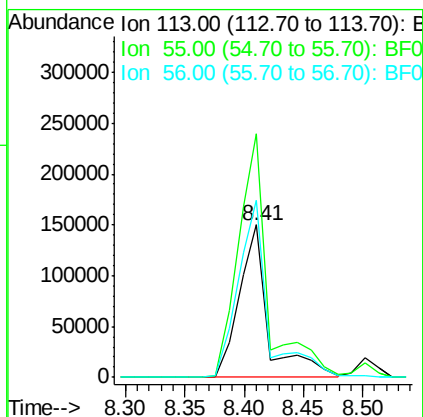
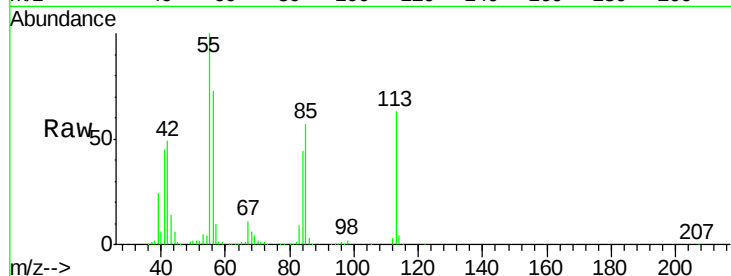
Time-->



#35
 Caprolactam
 Concen: 37.84 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

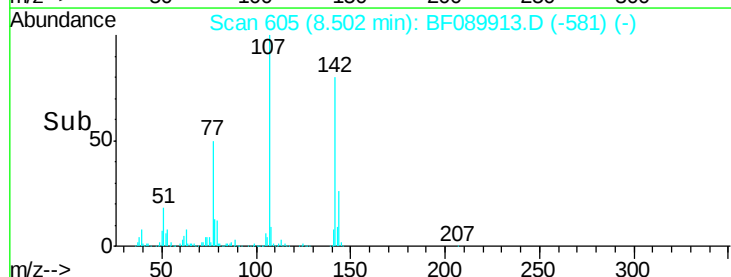
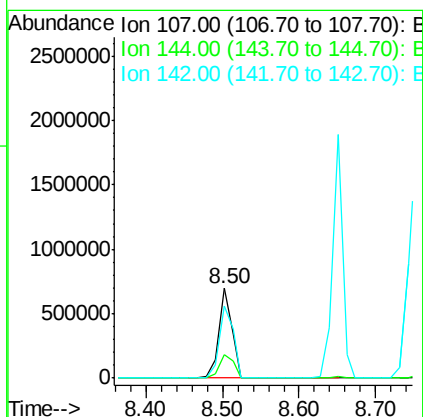
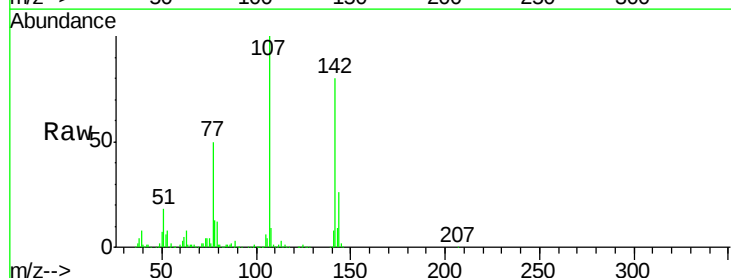
Instrument :
 BNA_F
 ClientSampleId :

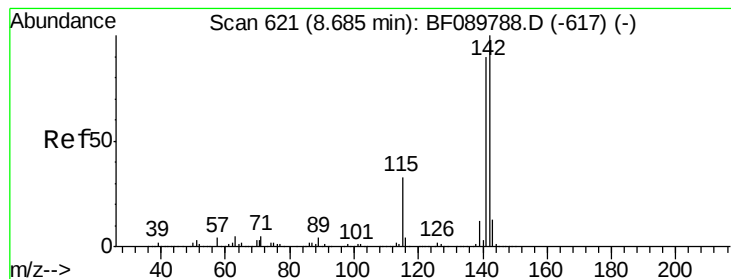
Tot Ion:113 Resp: 254275
 Ion Ratio Lower Upper
 113 100
 55 159.6 135.9 175.9
 56 116.3 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 34.58 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Tgt Ion:107 Resp: 826475
 Ion Ratio Lower Upper
 107 100
 144 25.8 22.6 34.0
 142 79.9 69.3 103.9

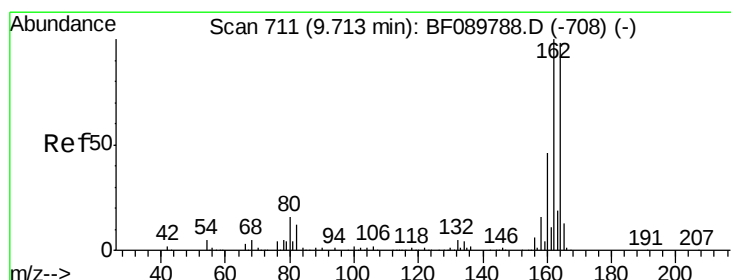
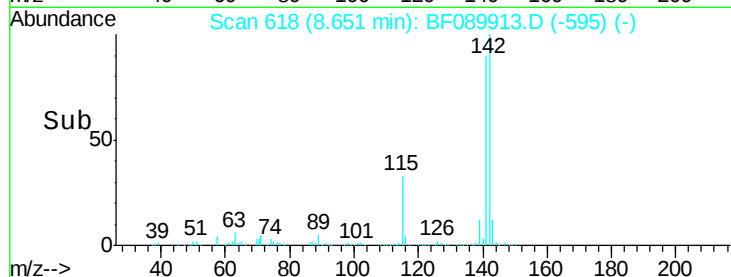
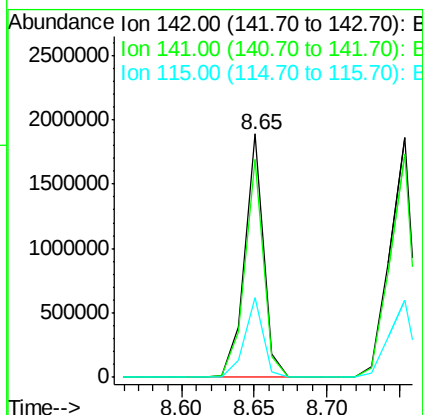
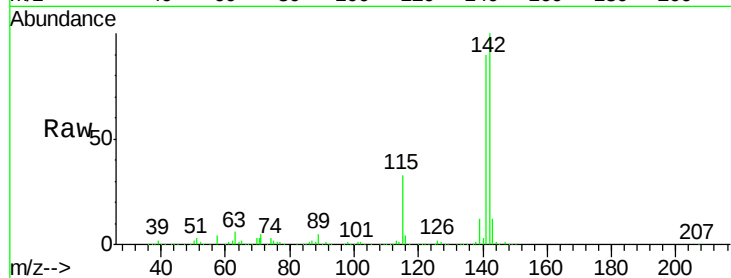




#37
2-Methylnaphthalene
Concen: 34.83 ng
RT: 8.65 min Scan# 618
Delta R.T. -0.03 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

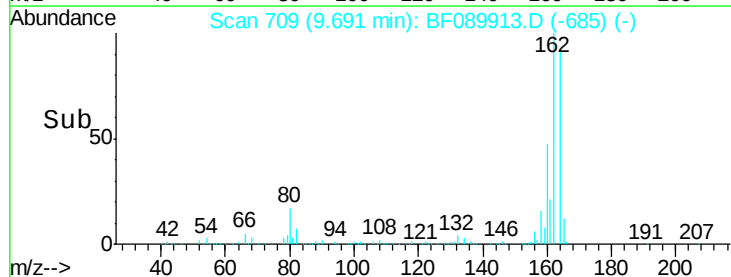
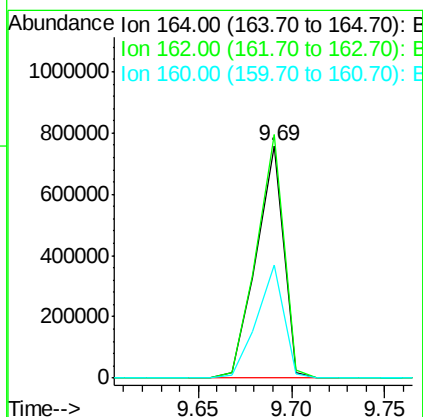
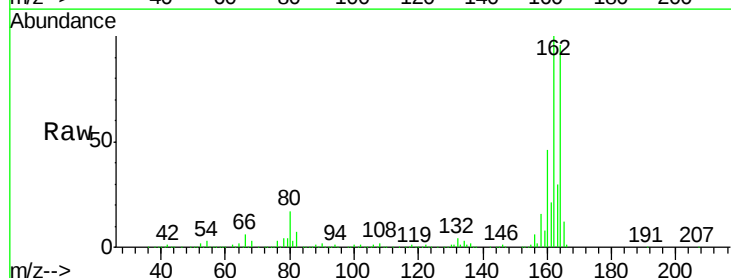
Instrument :
BNA_F
ClientSampleId :

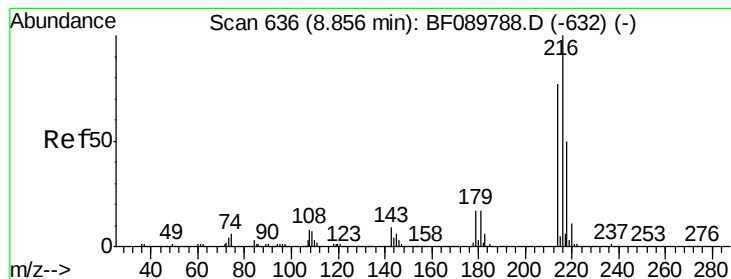
Tot Ion:142 Resp: 1705383
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2
115 32.8 22.7 34.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Tgt Ion:164 Resp: 769905
Ion Ratio Lower Upper
164 100
162 104.7 81.4 122.2
160 48.6 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.93 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 920661

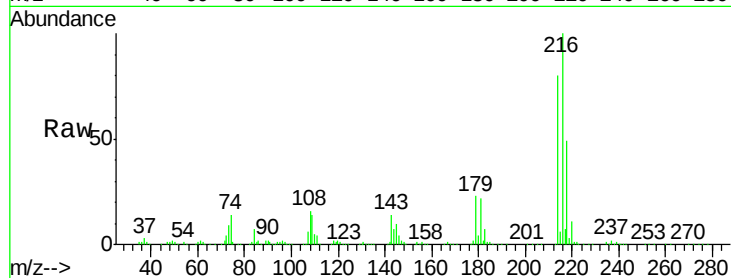
Ion Ratio Lower Upper

216 100

214 80.2 63.5 95.3

179 23.7 19.9 29.9

108 20.6 19.9 29.9

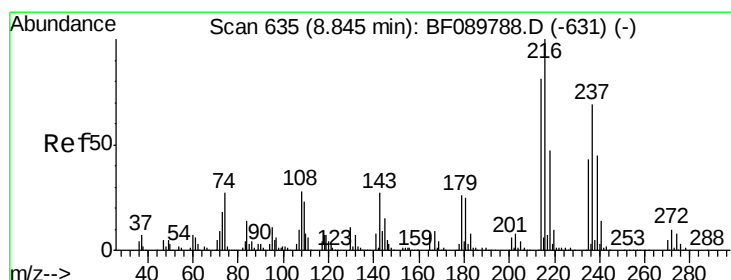
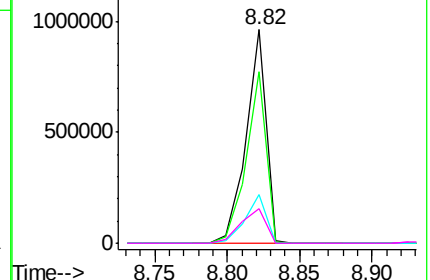
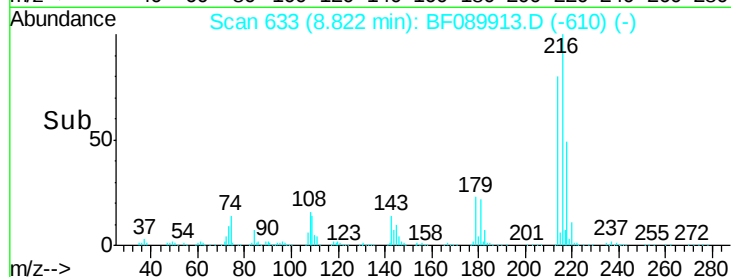


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 48.40 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

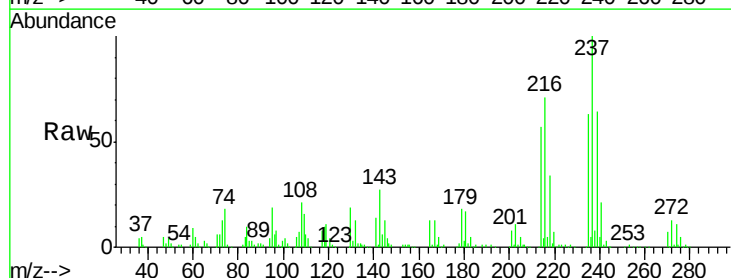
Tgt Ion:237 Resp: 418966

Ion Ratio Lower Upper

237 100

235 62.7 43.7 83.7

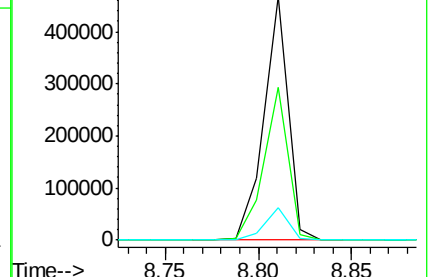
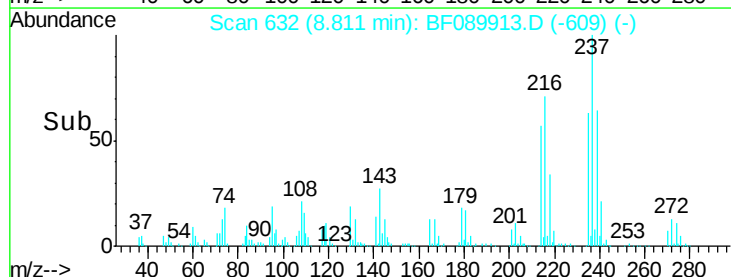
272 13.3 0.0 31.6

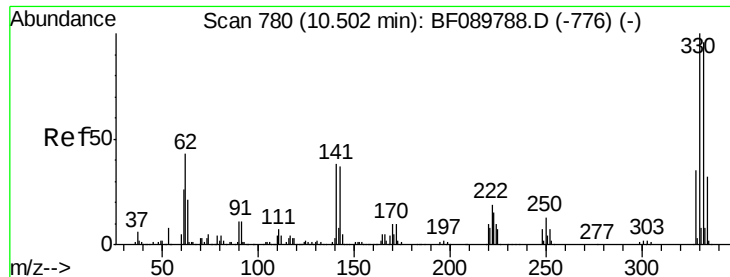


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

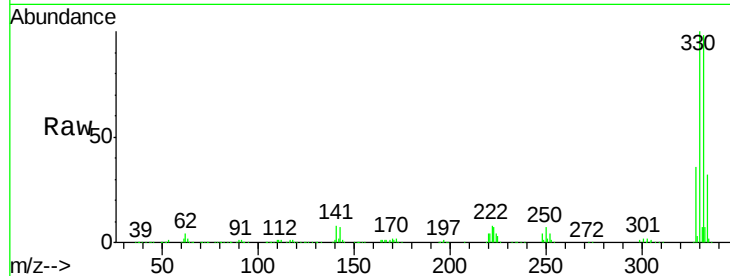




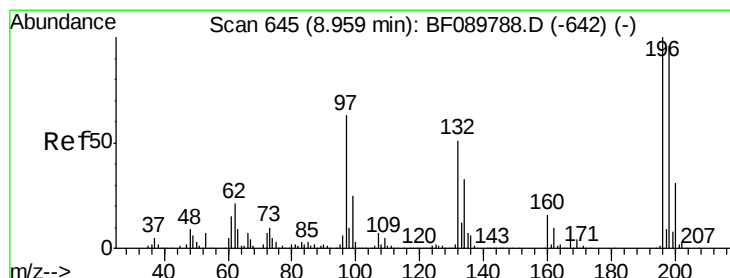
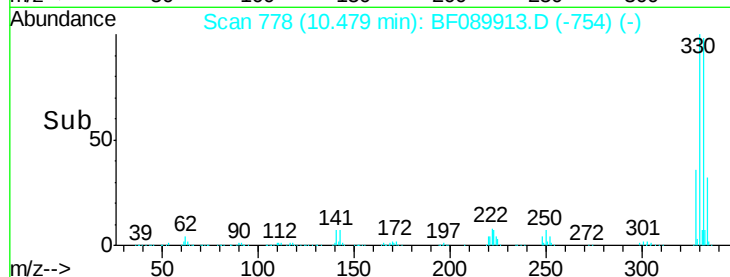
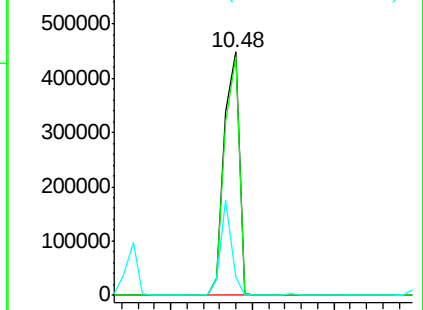
#41
 2,4,6-Tribromophenol
 Concen: 77.80 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.02 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 569267
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.7 115.1
 141 29.5 30.2 45.2#

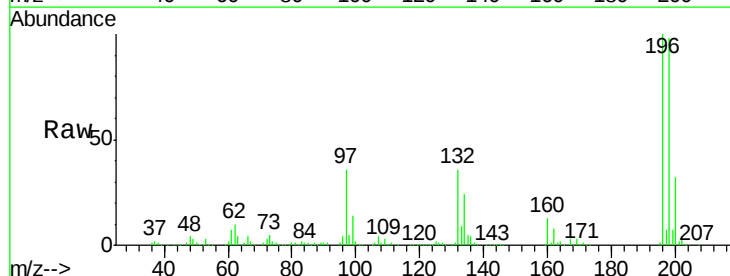


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

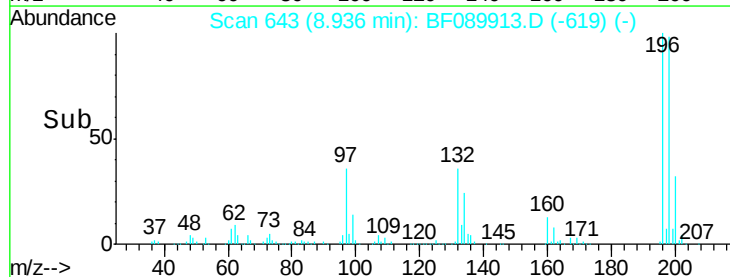
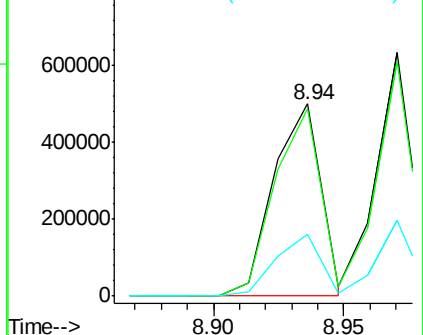


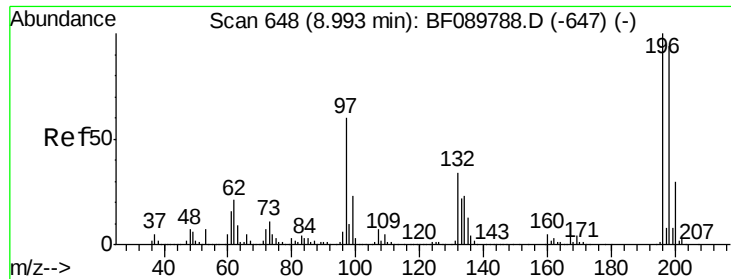
#42
 2,4,6-Trichlorophenol
 Concen: 40.21 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Tgt Ion:196 Resp: 630733
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.3 114.5
 200 32.5 24.6 36.8



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

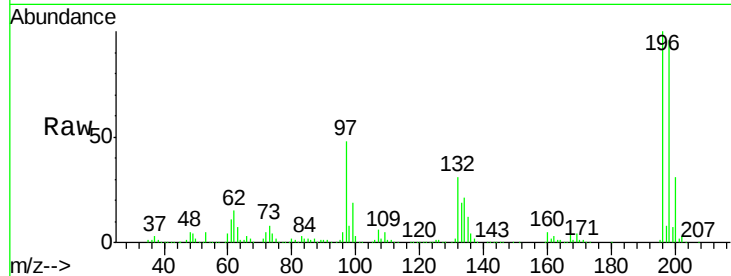




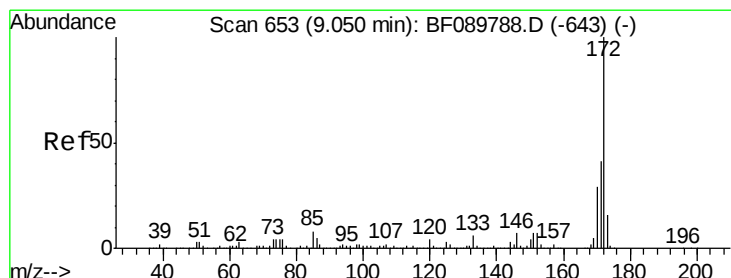
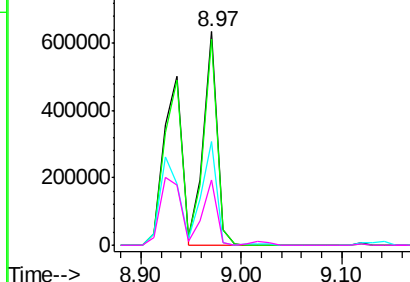
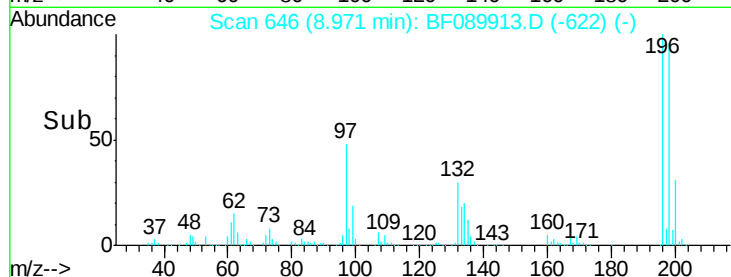
#43
 2,4,5-Trichlorophenol
 Concen: 38.63 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	602557
Ion Ratio	Lower	Upper
196	100	
198	96.2	76.6 114.8
97	48.3	35.8 53.8
132	30.6	23.5 35.3

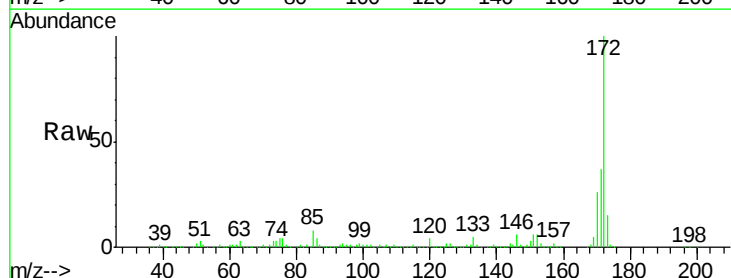


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

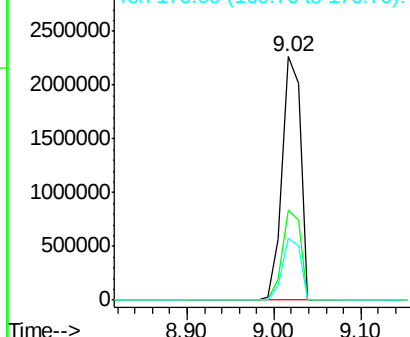
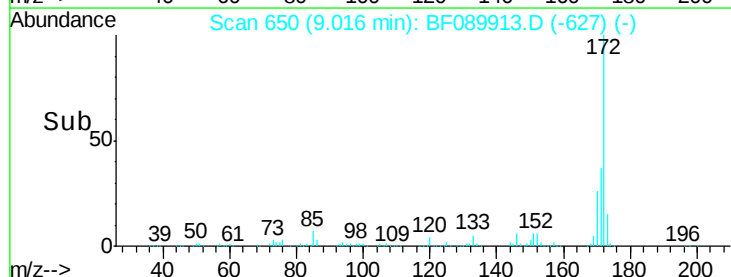


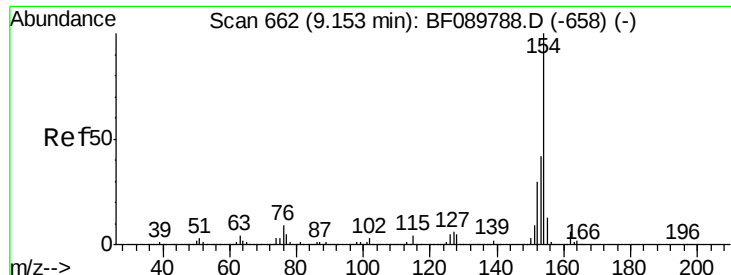
#44
 2-Fluorobiphenyl
 Concen: 76.43 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Tgt Ion:172	Resp:	3348236
Ion Ratio	Lower	Upper
172	100	
171	37.2	30.5 45.7
170	25.6	20.6 31.0



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

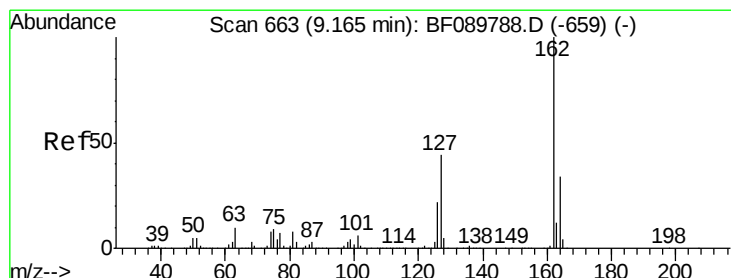
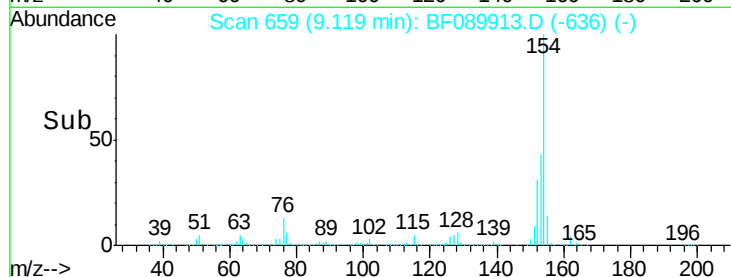
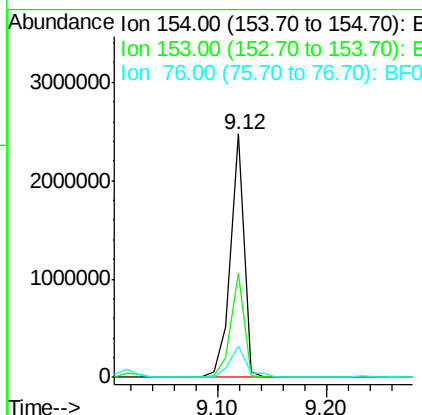
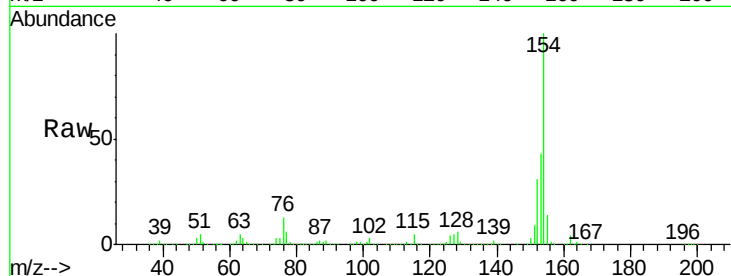




#45
 1,1'-Biphenyl
 Concen: 35.67 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

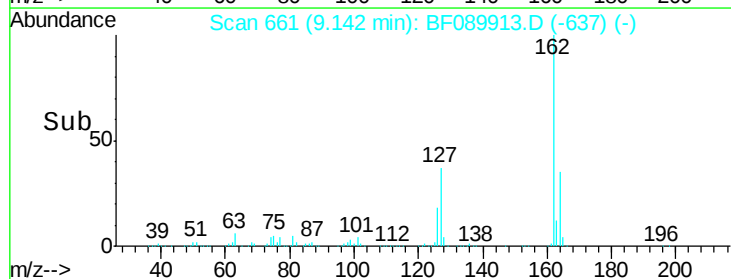
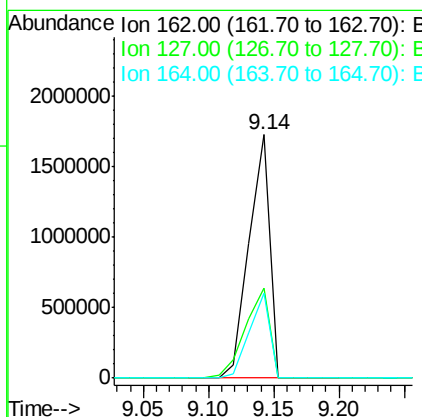
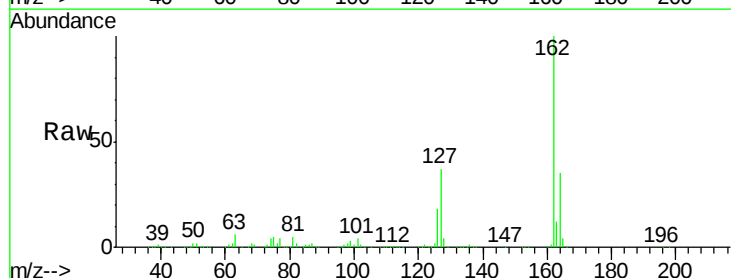
Instrument :
 BNA_F
 ClientSampleId :

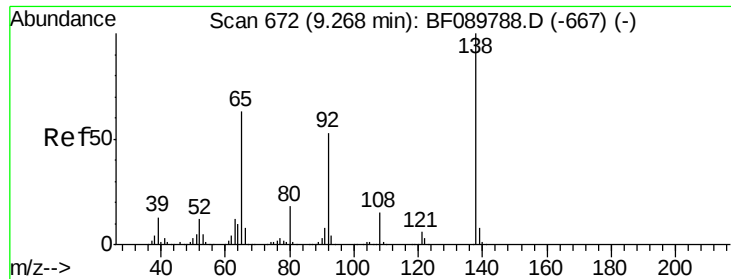
Tot Ion:154 Resp: 2125304
 Ion Ratio Lower Upper
 154 100
 153 42.8 21.5 61.5
 76 12.6 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 40.55 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Tgt Ion:162 Resp: 1909943
 Ion Ratio Lower Upper
 162 100
 127 37.0 35.5 53.3
 164 34.7 26.6 40.0

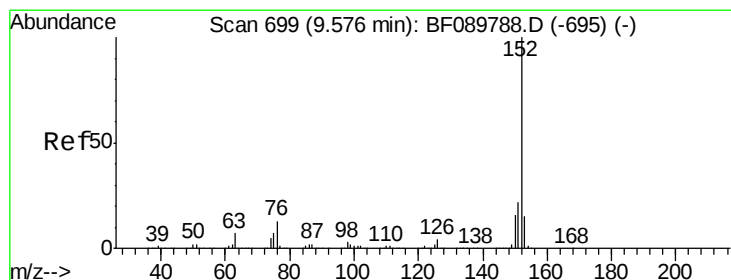
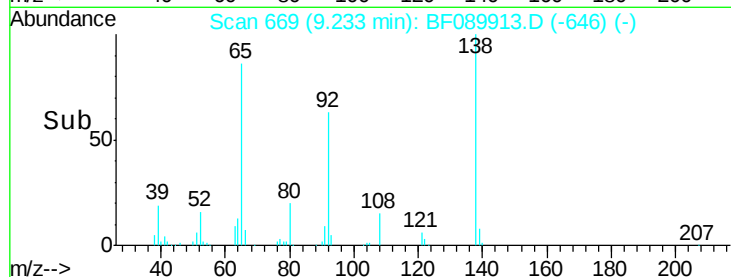
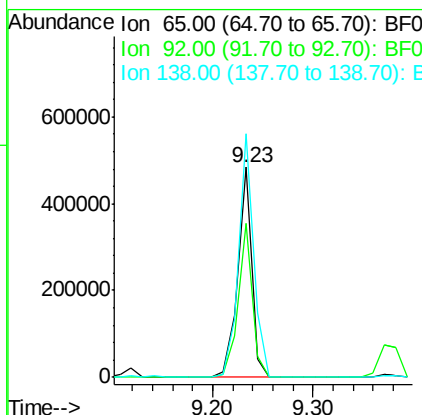
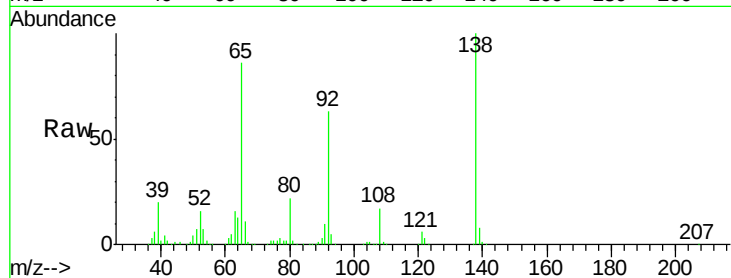




#47
2-Nitroaniline
Concen: 34.98 ng
RT: 9.23 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

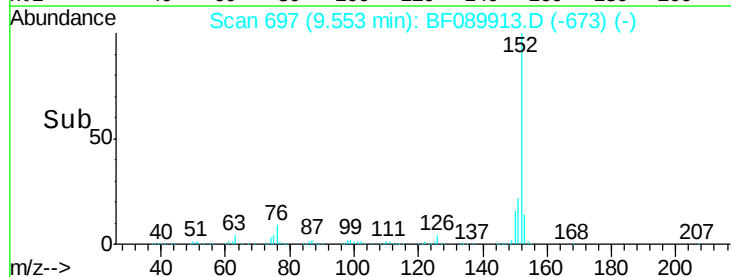
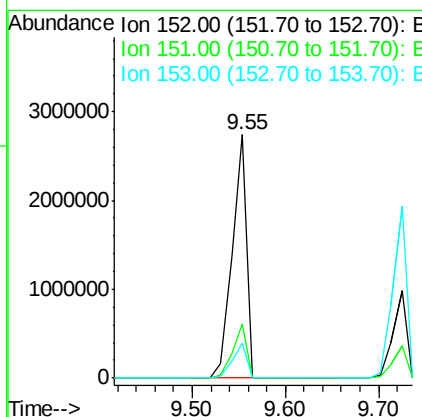
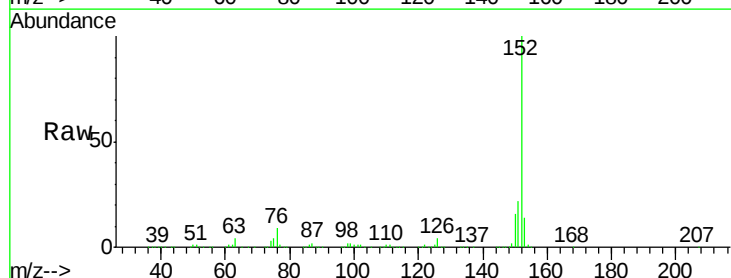
Instrument :
BNA_F
ClientSampleId :

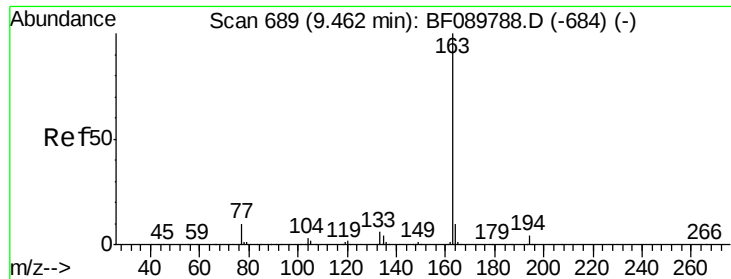
Tot Ion: 65 Resp: 469871
Ion Ratio Lower Upper
65 100
92 73.6 56.3 84.5
138 116.0 81.8 122.8



#48
Acenaphthylene
Concen: 41.56 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Tgt Ion:152 Resp: 2941346
Ion Ratio Lower Upper
152 100
151 22.1 17.1 25.7
153 14.3 11.2 16.8

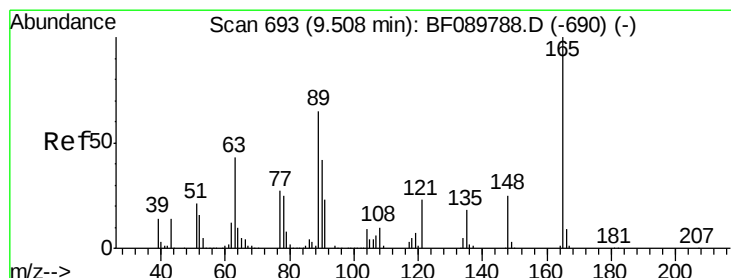
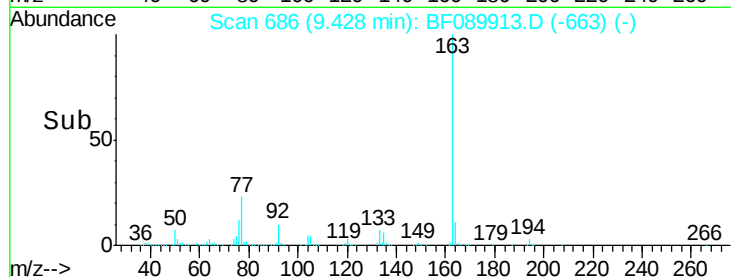
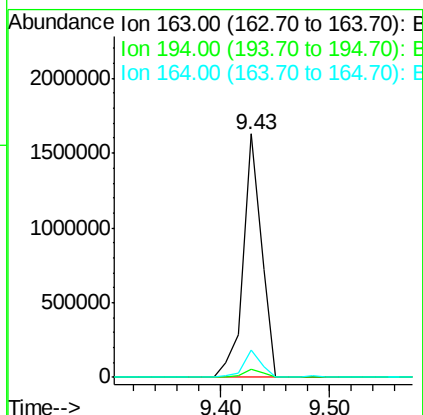
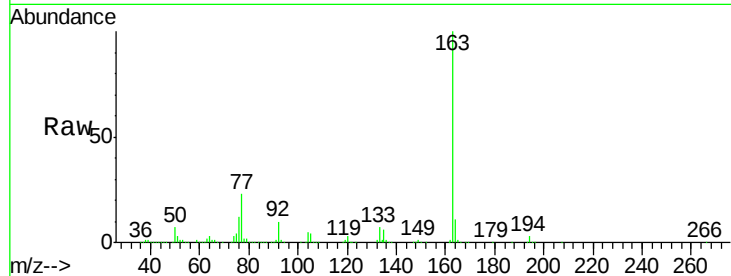




#49
Dimethylphthalate
Concen: 34.77 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

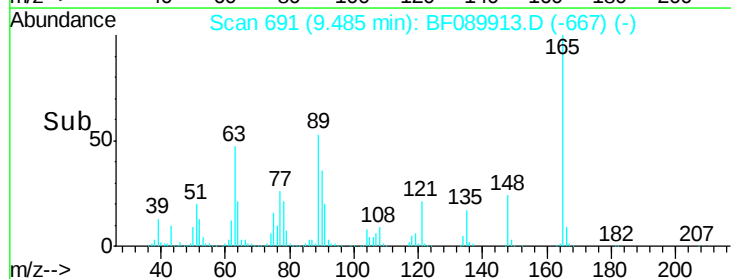
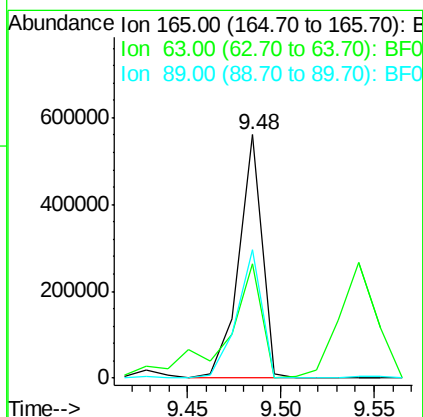
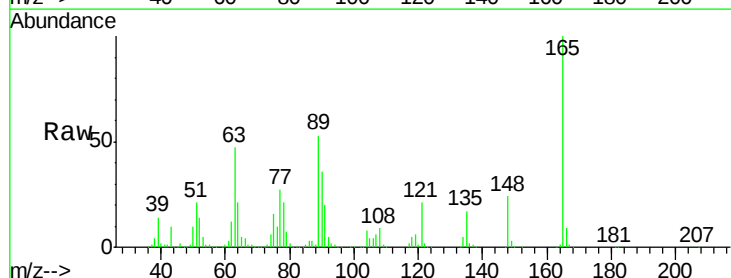
Instrument :
BNA_F
ClientSampleId :

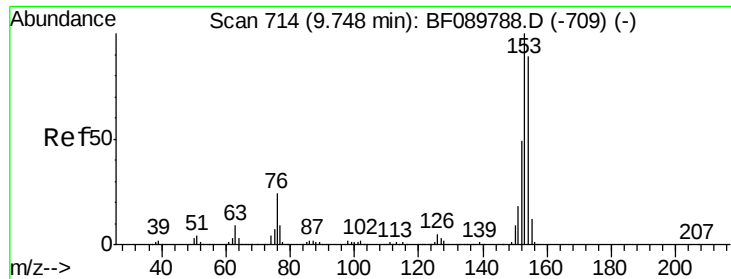
Tot Ion:163 Resp: 1884871
Ion Ratio Lower Upper
163 100
194 3.2 2.6 3.8
164 11.4 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 39.26 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Tgt Ion:165 Resp: 491403
Ion Ratio Lower Upper
165 100
63 47.2 41.7 62.5
89 52.8 44.6 67.0





#51

Acenaphthene

Concen: 40.03 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

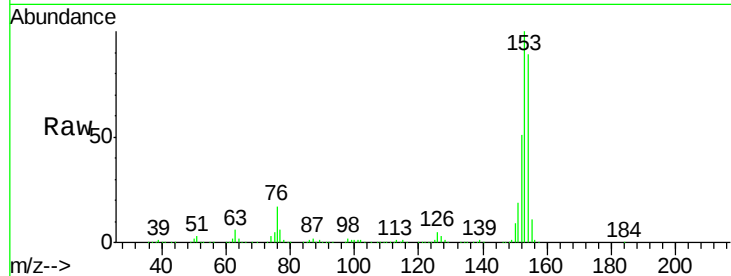
Tot Ion:154 Resp: 1875148

Ion Ratio Lower Upper

154 100

153 112.1 90.5 135.7

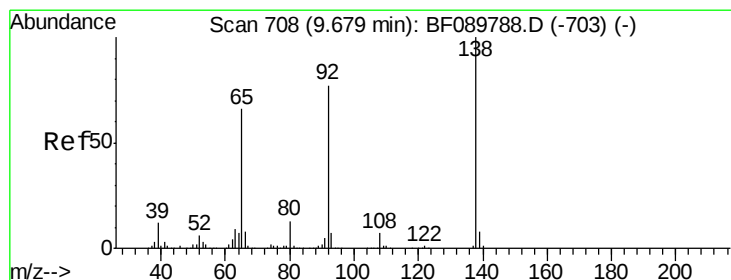
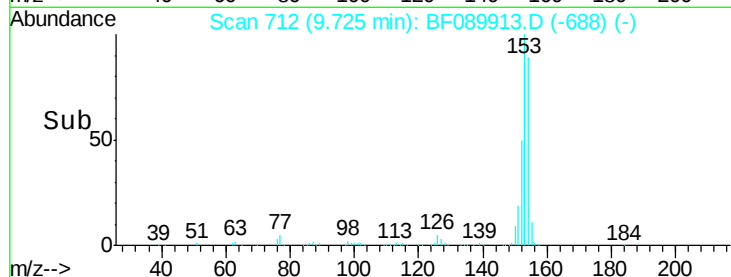
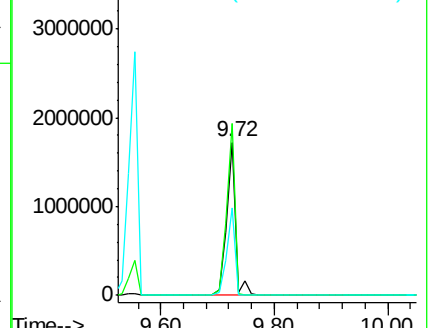
152 56.9 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.87 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

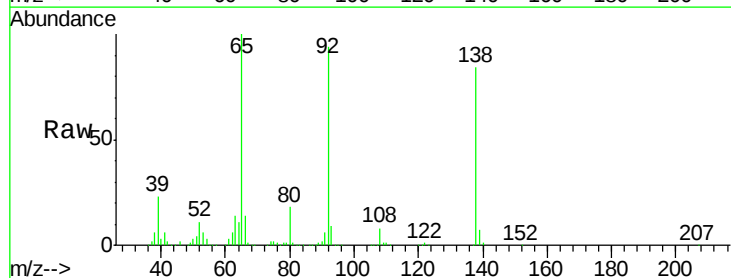
Tgt Ion:138 Resp: 552781

Ion Ratio Lower Upper

138 100

108 9.4 8.1 12.1

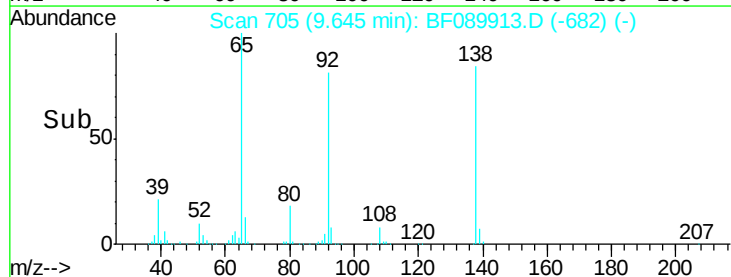
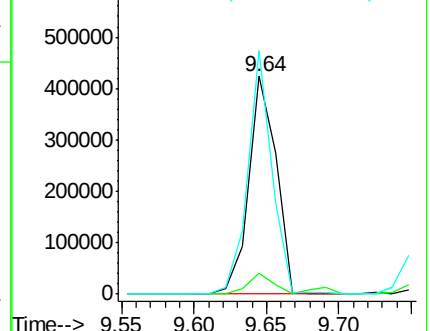
92 111.9 92.7 139.1

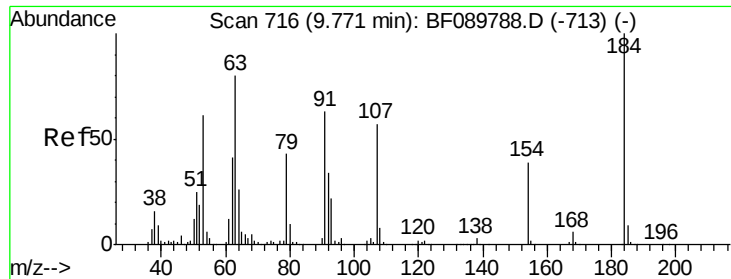


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

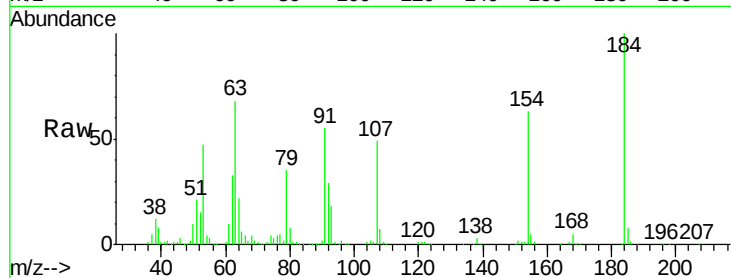




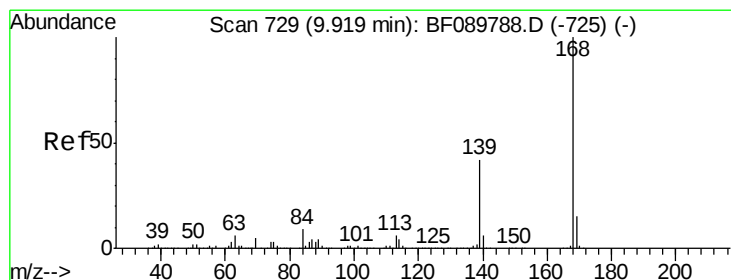
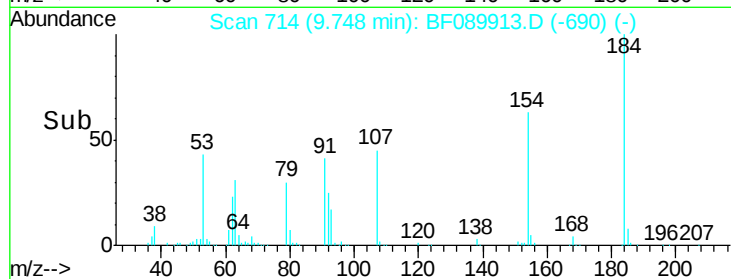
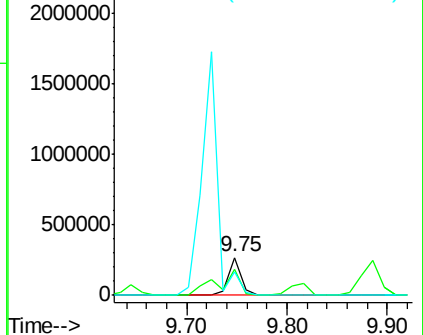
#53
 2,4-Dinitrophenol
 Concen: 41.41 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 237865
 Ion Ratio Lower Upper
 184 100
 63 67.9 54.2 81.4
 154 63.3 52.7 79.1

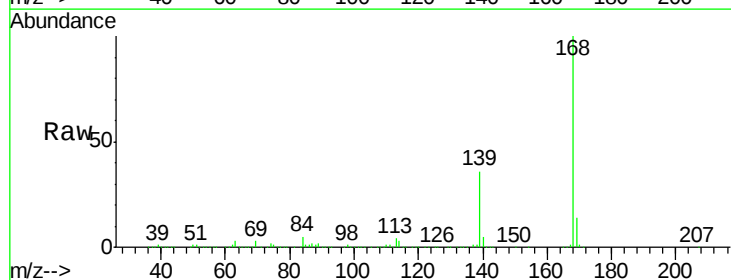


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

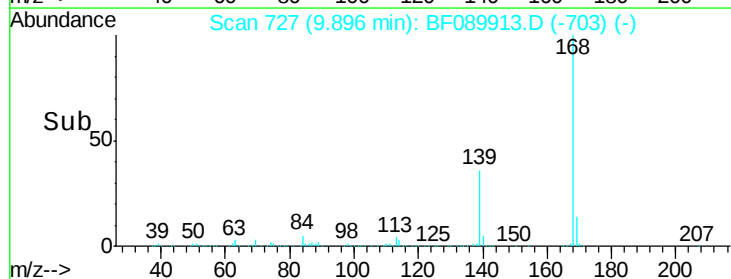
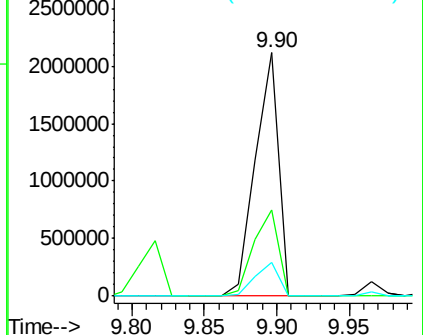


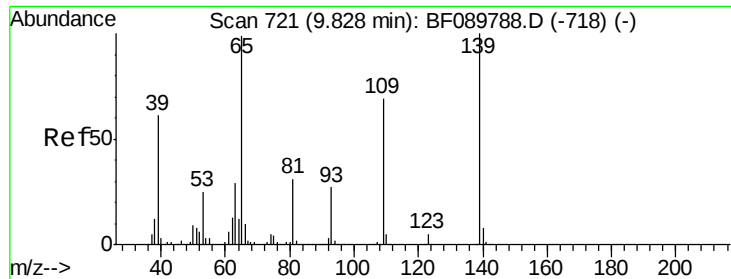
#54
 Dibenzofuran
 Concen: 39.74 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Tgt Ion:168 Resp: 2337727
 Ion Ratio Lower Upper
 168 100
 139 35.5 34.6 52.0
 169 14.0 11.5 17.3



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

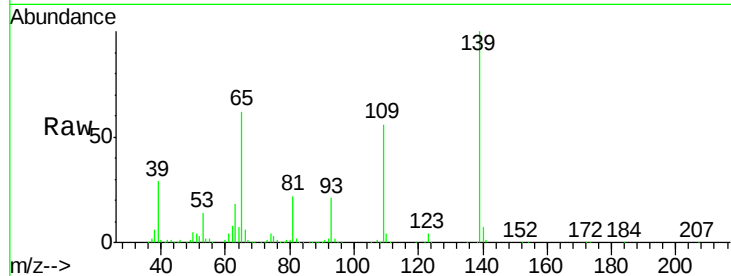




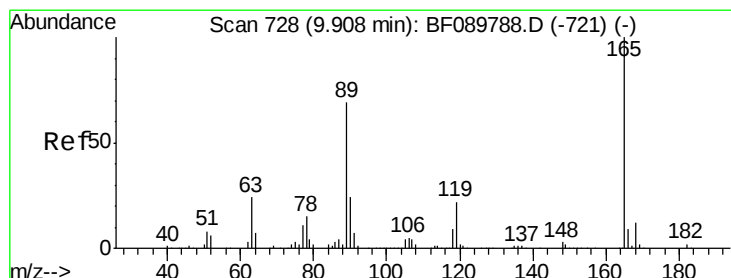
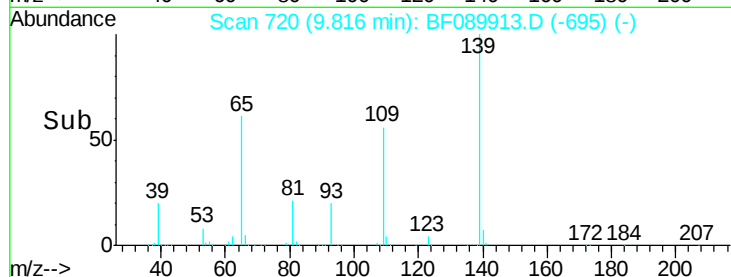
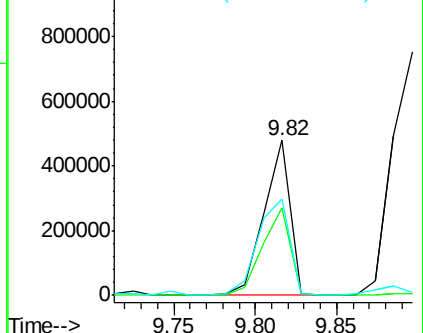
#55
4-Nitrophenol
Concen: 47.46 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 537164
Ion Ratio Lower Upper
139 100
109 56.5 43.0 83.0
65 62.0 55.7 95.7

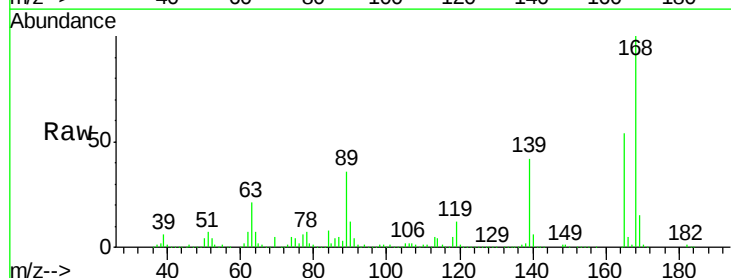


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

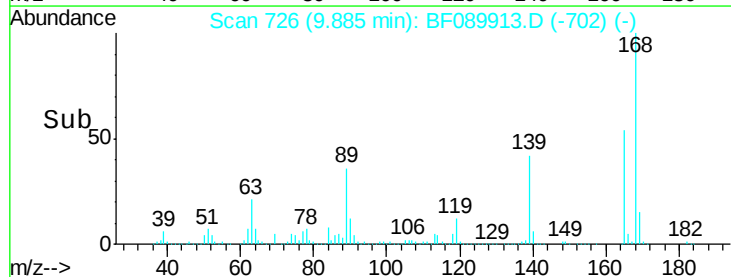
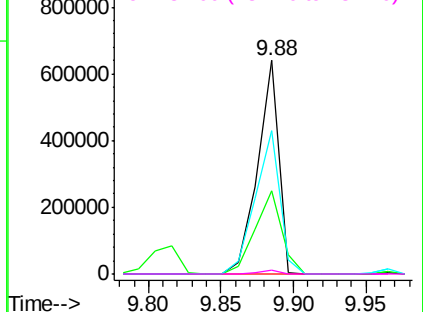


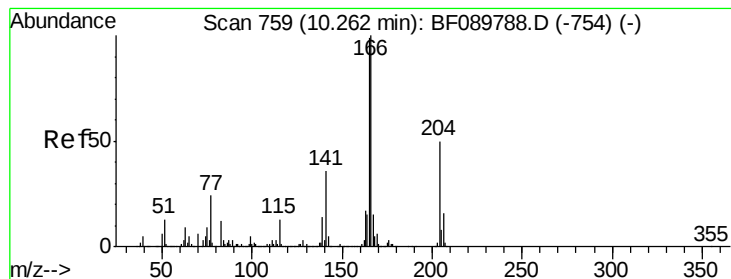
#56
2,4-Dinitrotoluene
Concen: 39.84 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Tgt Ion:165 Resp: 646952
Ion Ratio Lower Upper
165 100
63 39.0 23.7 35.5#
89 67.2 44.0 66.0#
182 2.1 2.0 3.0



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





#57

Fluorene

Concen: 35.87 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleID :

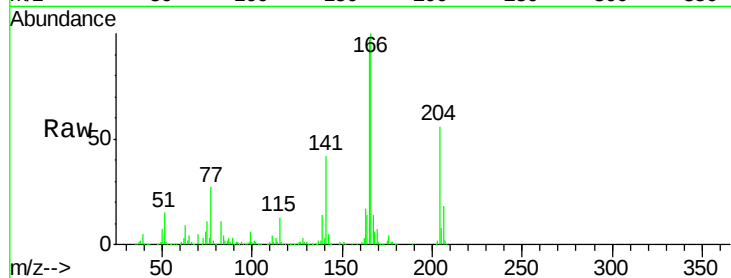
Tot Ion:166 Resp: 1681756

Ion Ratio Lower Upper

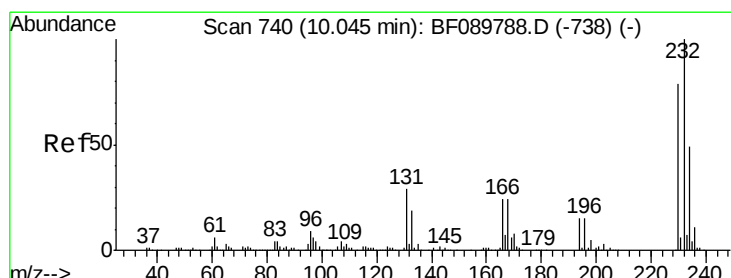
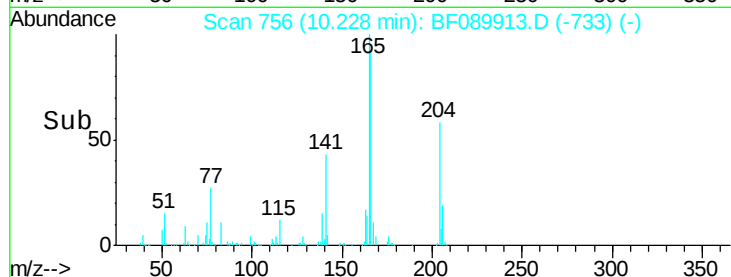
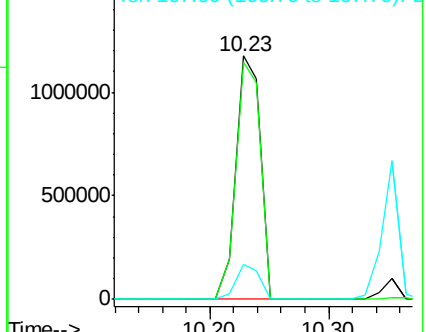
166 100

165 97.2 80.2 120.4

167 14.4 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.79 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Tgt Ion:232 Resp: 417730

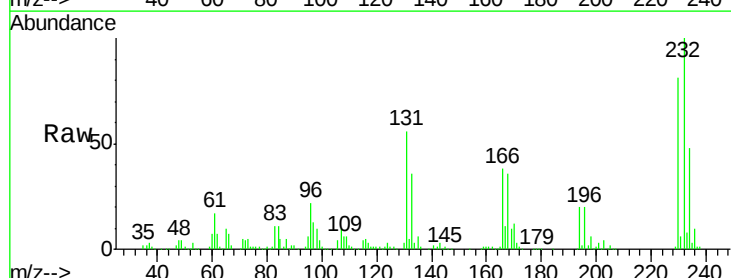
Ion Ratio Lower Upper

232 100

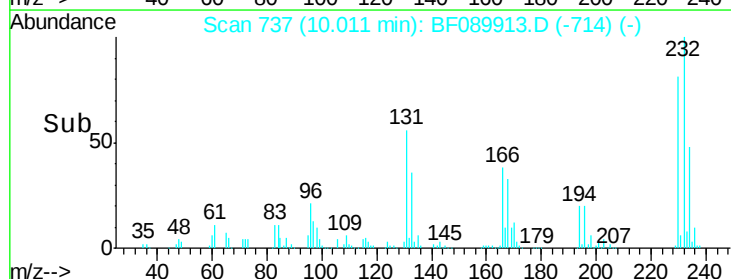
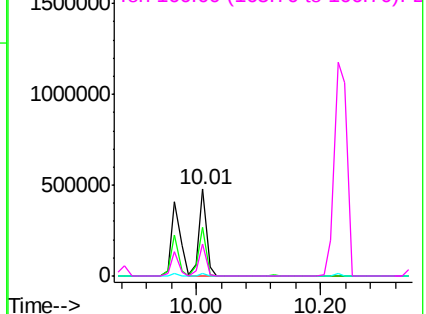
131 55.1 42.5 63.7

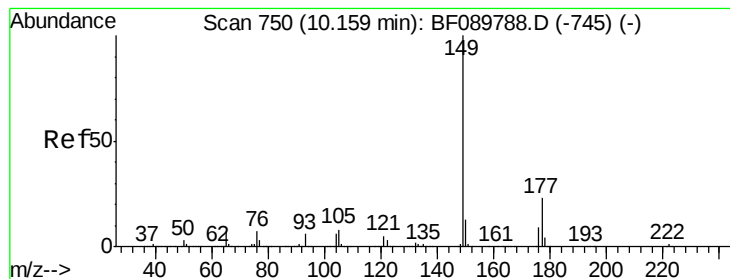
130 2.6 2.2 3.4

166 36.1 27.3 40.9



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.54 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

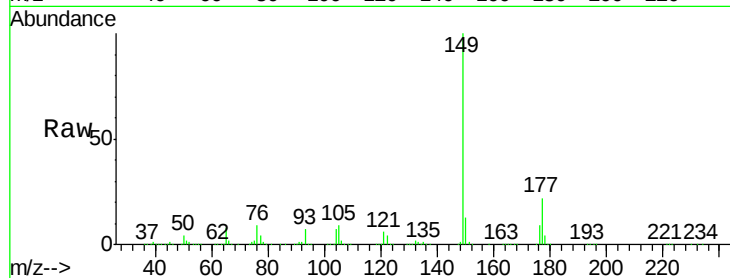
Tot Ion:149 Resp: 2012047

Ion Ratio Lower Upper

149 100

177 22.3 16.6 25.0

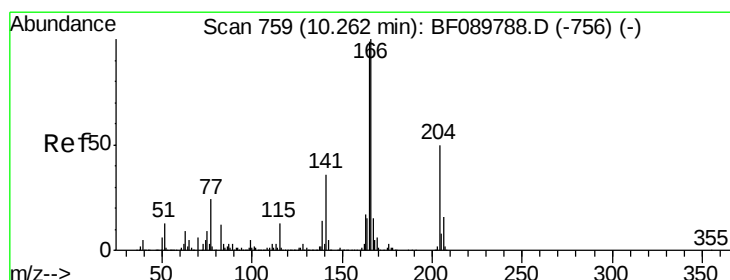
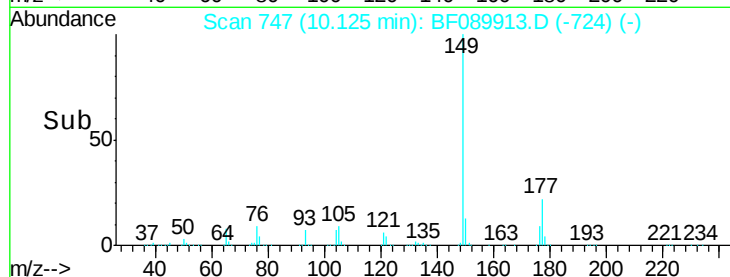
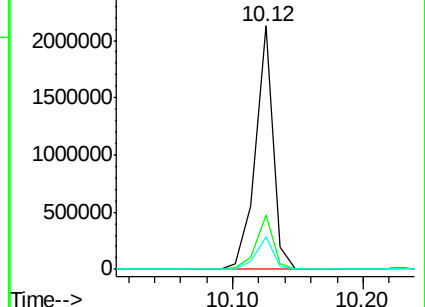
150 13.3 10.5 15.7



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: 30.76 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

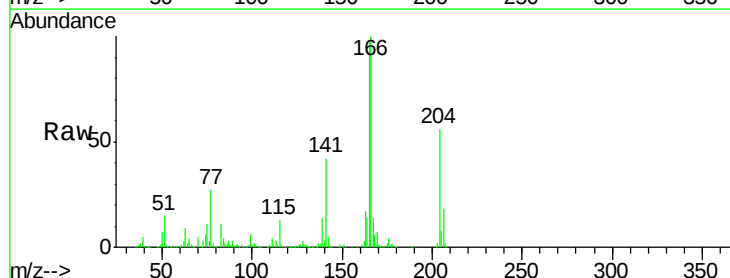
Tgt Ion:204 Resp: 657932

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

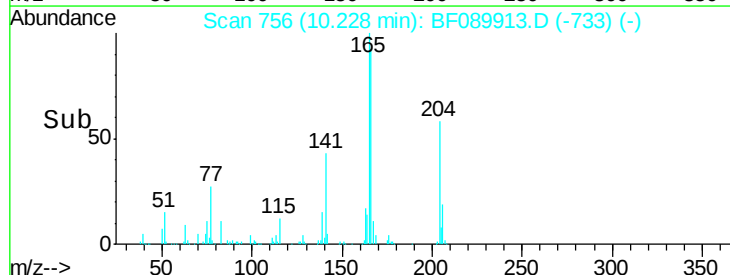
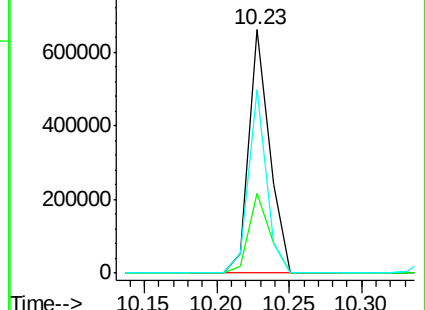
141 75.3 54.1 81.1

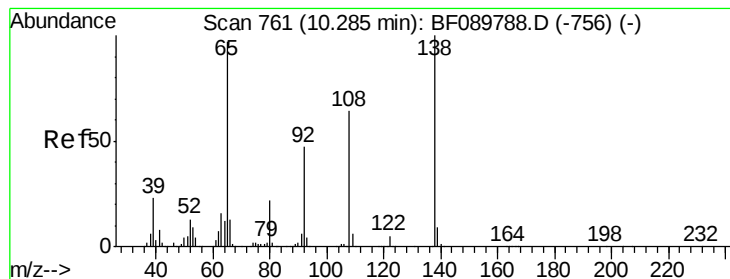


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

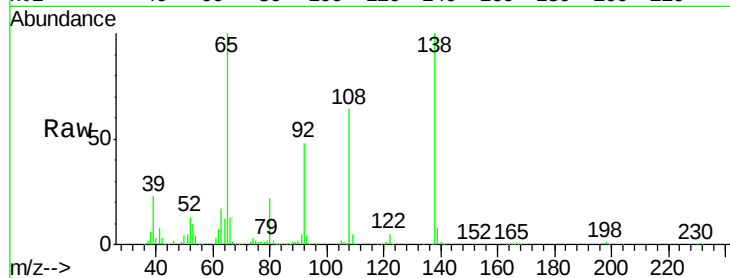




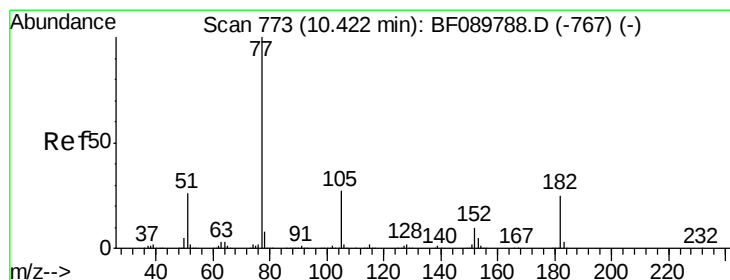
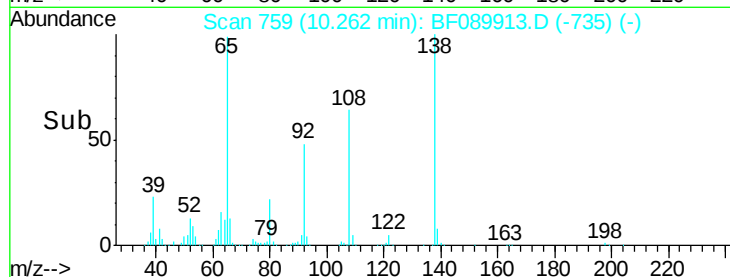
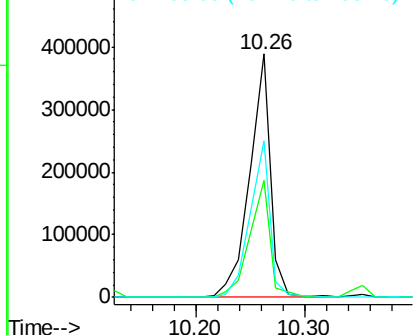
#61
4-Nitroaniline
Concen: 40.20 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 522550
Ion Ratio Lower Upper
138 100
92 47.8 26.4 66.4
108 64.1 47.0 87.0

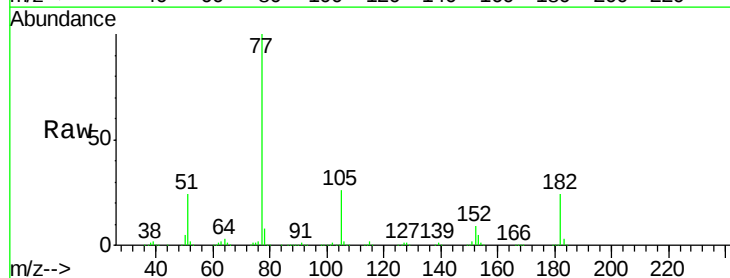


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

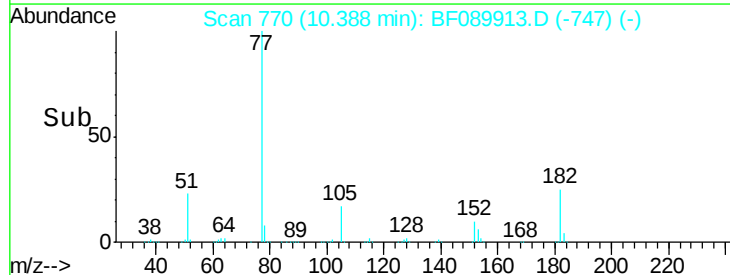
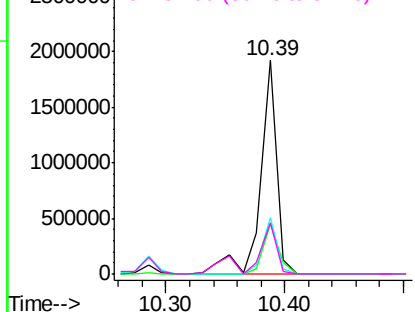


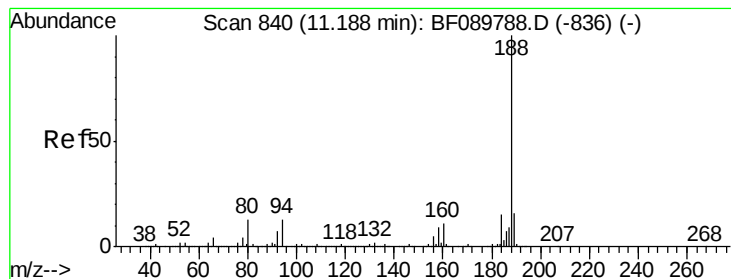
#62
Azobenzene
Concen: 35.82 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Tgt Ion: 77 Resp: 1854543
Ion Ratio Lower Upper
77 100
182 23.5 5.6 45.6
105 26.2 4.0 44.0
51 23.8 7.8 47.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

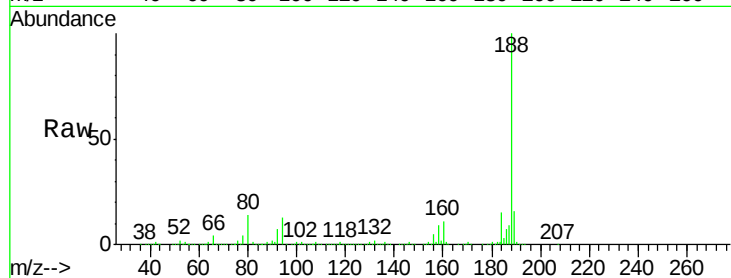
Tot Ion:188 Resp: 1335421

Ion Ratio Lower Upper

188 100

94 12.9 10.2 15.2

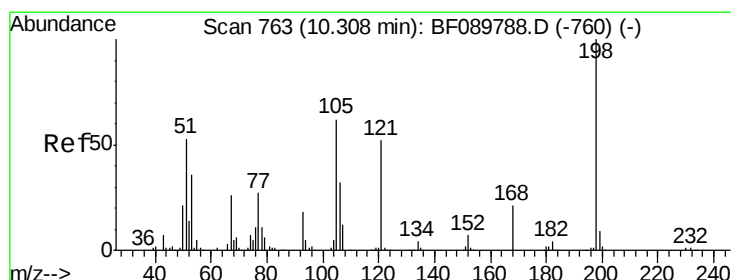
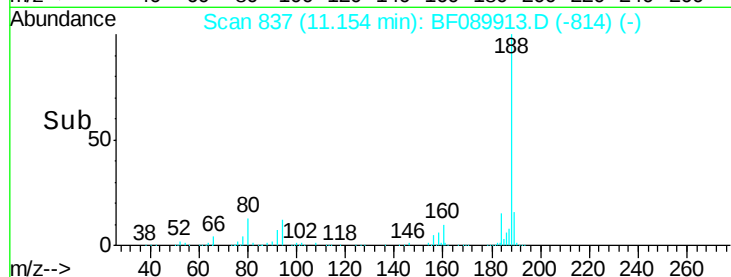
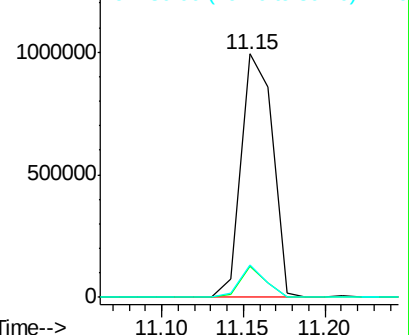
80 13.6 10.9 16.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.80 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.02 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

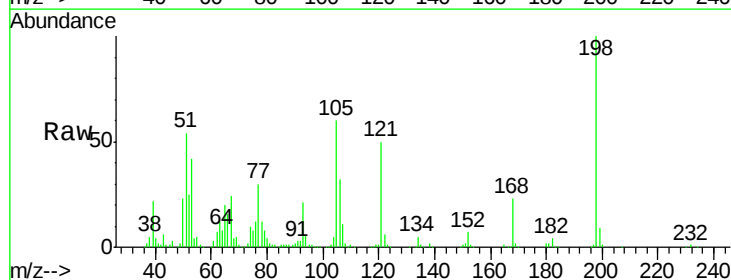
Tgt Ion:198 Resp: 328452

Ion Ratio Lower Upper

198 100

51 53.8 32.3 72.3

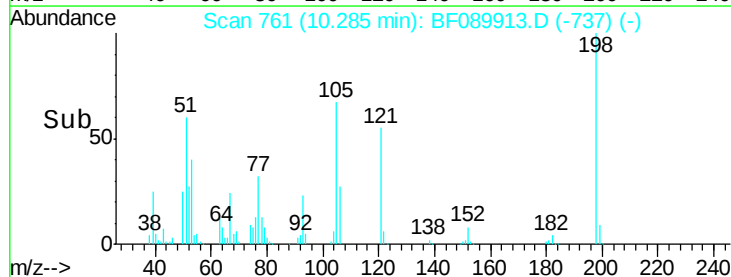
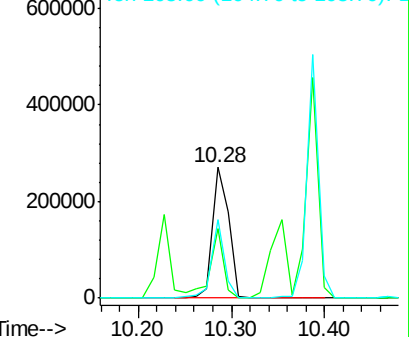
105 60.0 32.9 72.9

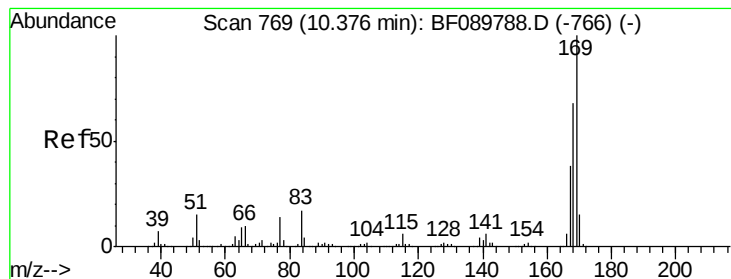


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.66 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

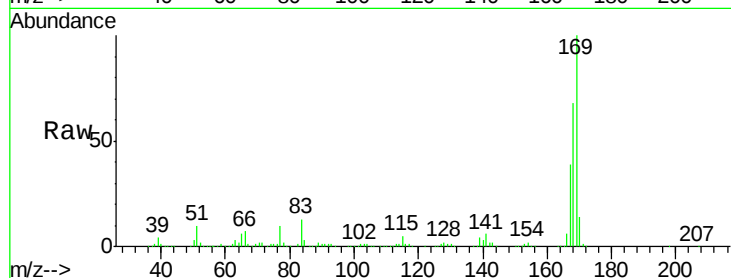
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 1665167

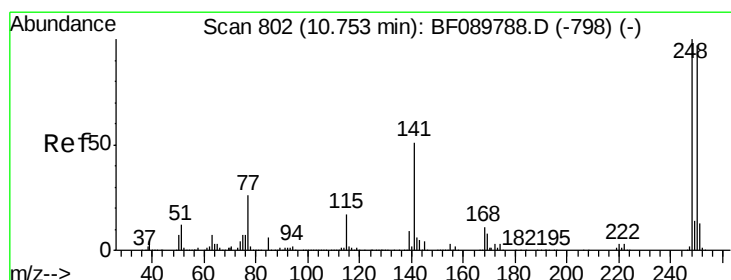
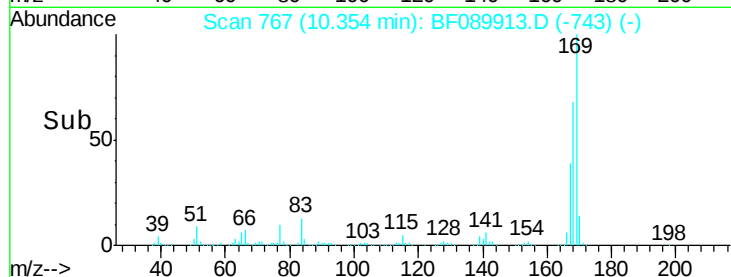
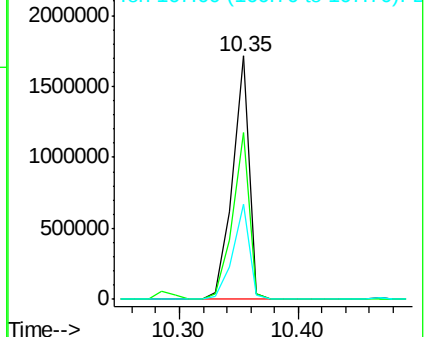
Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.6	82.0
167	39.1	30.6	45.8



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: 39.21 ng

RT: 10.72 min Scan# 799

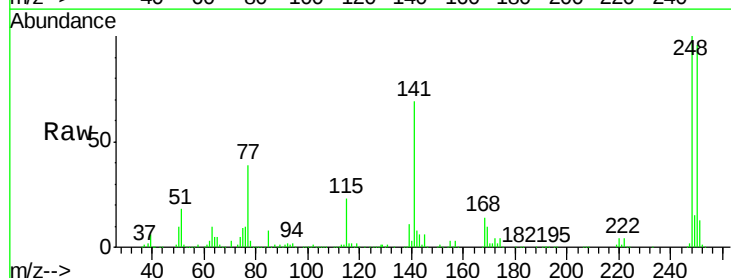
Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Tgt Ion:248 Resp: 548999

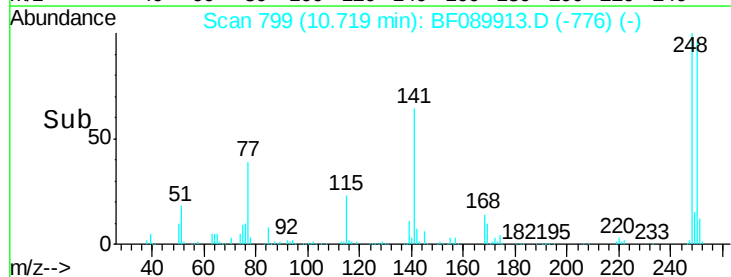
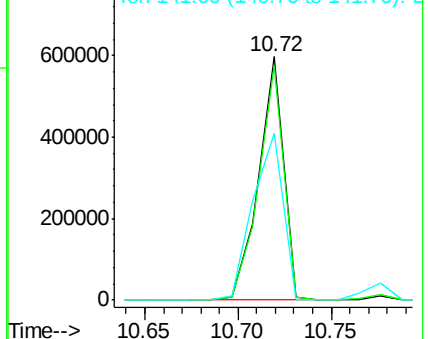
Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.6	117.8
141	68.7	31.4	47.2

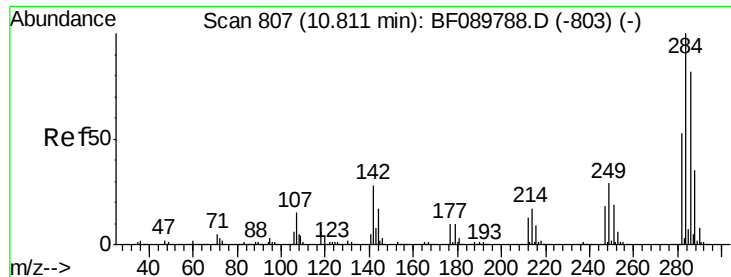


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

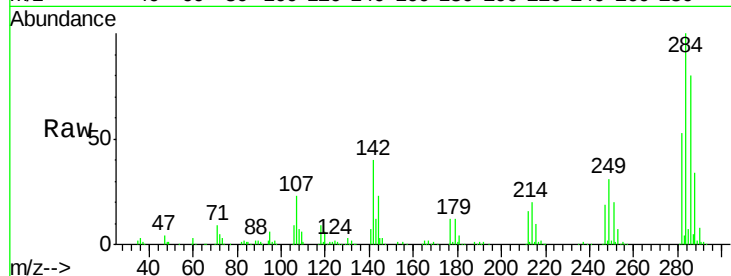




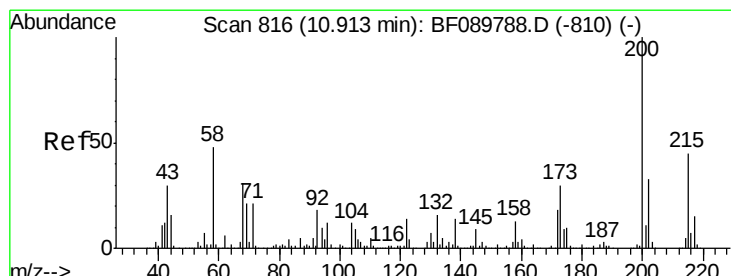
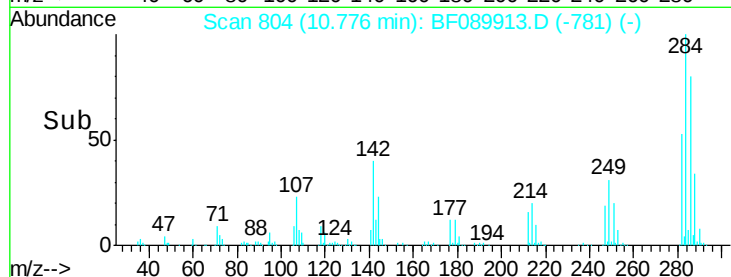
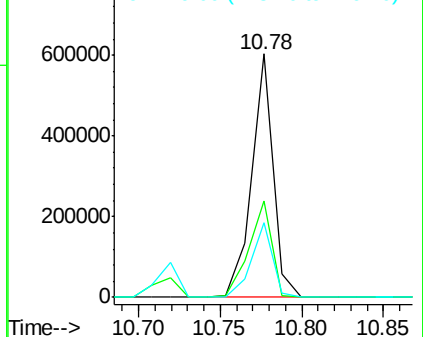
#67
Hexachlorobenzene
Concen: 34.40 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 549413
Ion Ratio Lower Upper
284 100
142 39.6 17.4 26.2#
249 30.8 22.8 34.2

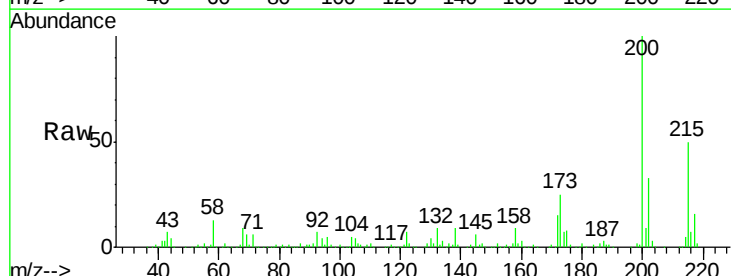


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

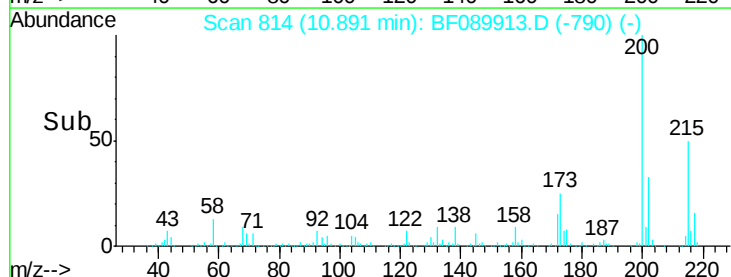
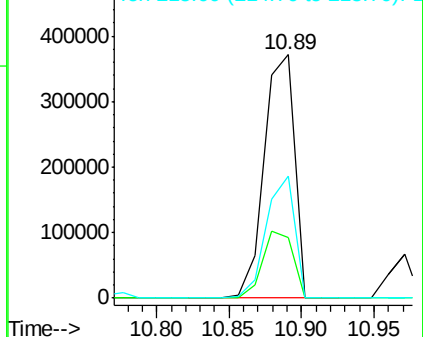


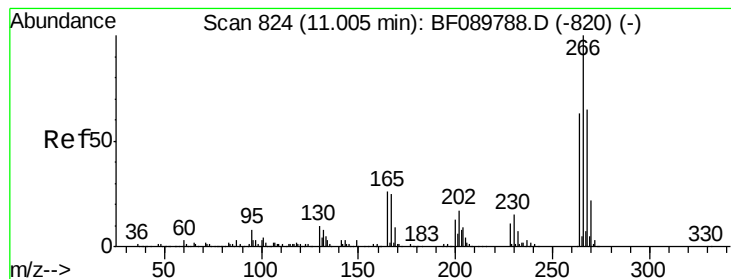
#68
Atrazine
Concen: 41.77 ng
RT: 10.89 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Tgt Ion:200 Resp: 537204
Ion Ratio Lower Upper
200 100
173 25.1 6.6 46.6
215 50.4 24.7 64.7



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





#69

Pentachlorophenol

Concen: 44.26 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

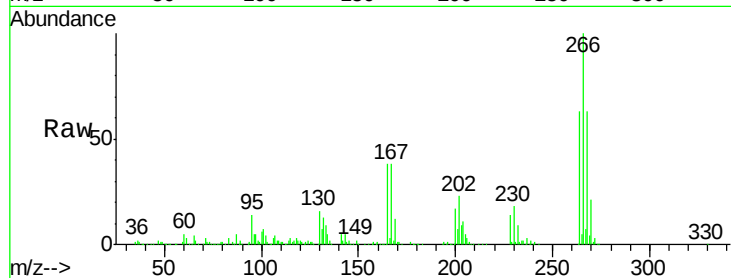
Tot Ion:266 Resp: 400706

Ion Ratio Lower Upper

266 100

268 63.1 53.2 79.8

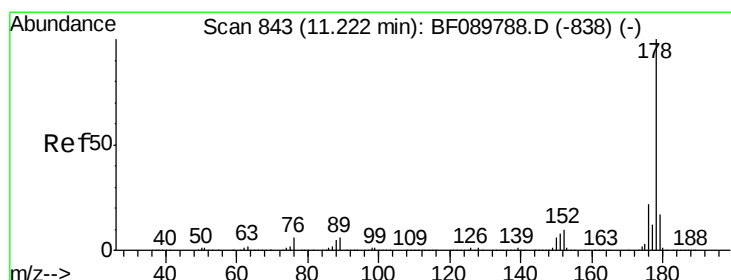
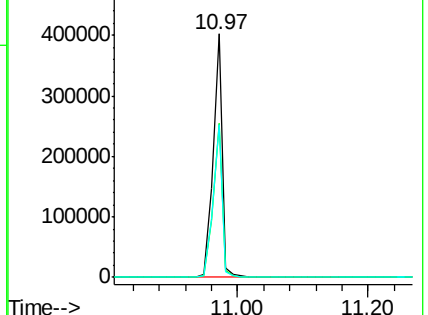
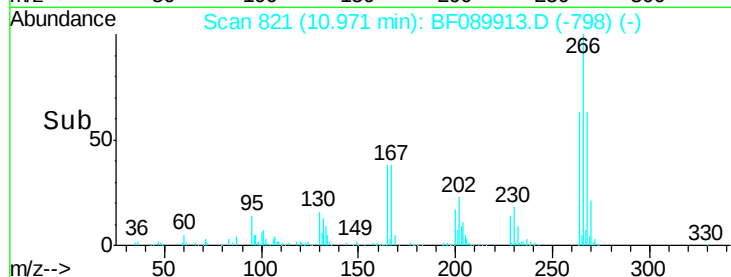
264 63.0 51.1 76.7



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: 40.28 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

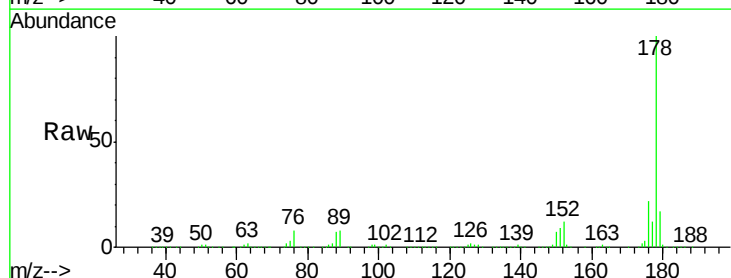
Tgt Ion:178 Resp: 2716914

Ion Ratio Lower Upper

178 100

176 22.1 16.4 24.6

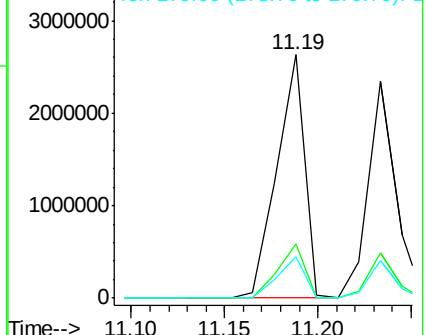
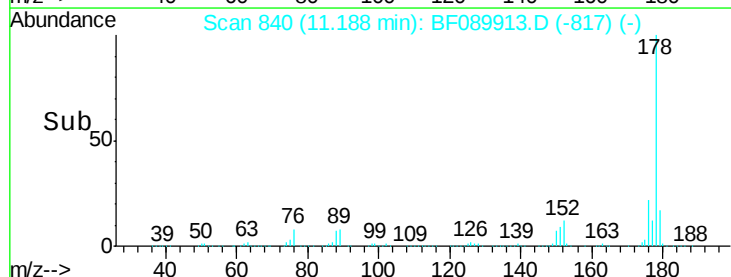
179 16.8 12.5 18.7

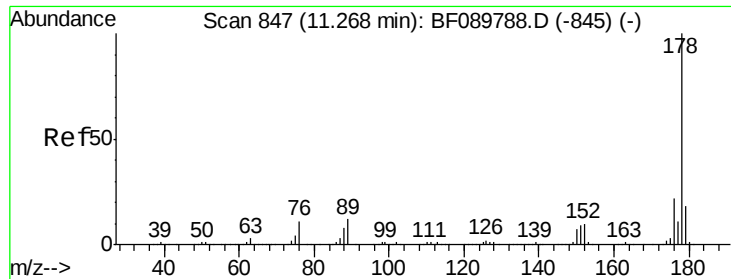


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

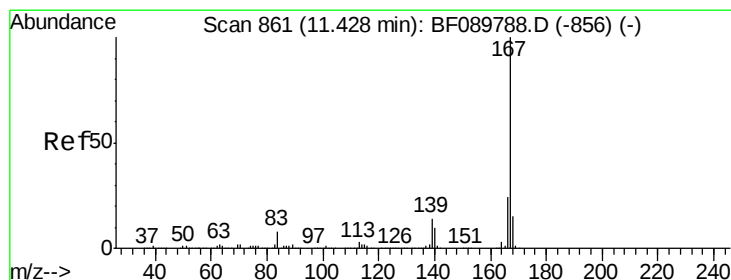
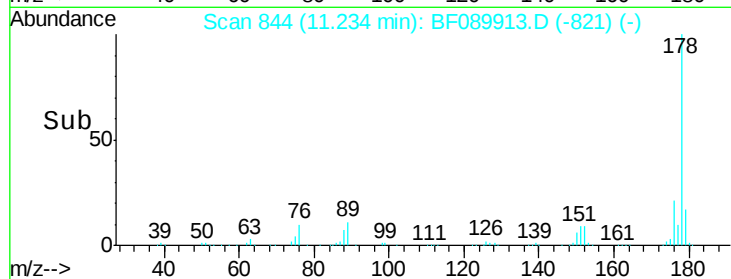
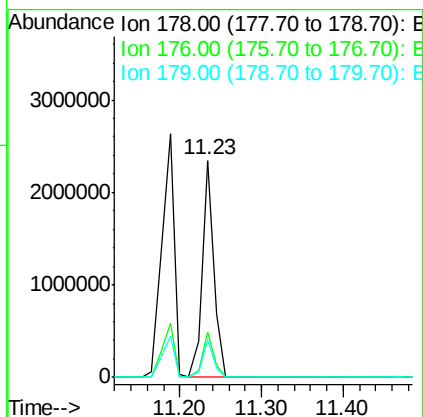
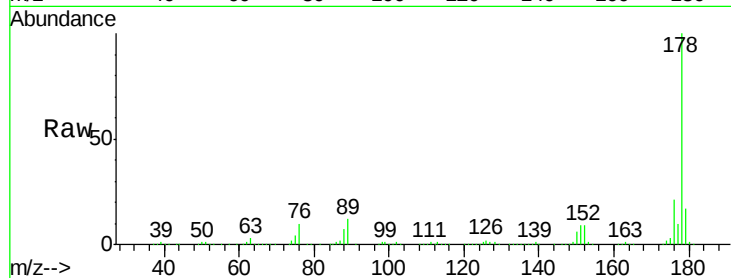




#71
 Anthracene
 Concen: 34.42 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.03 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

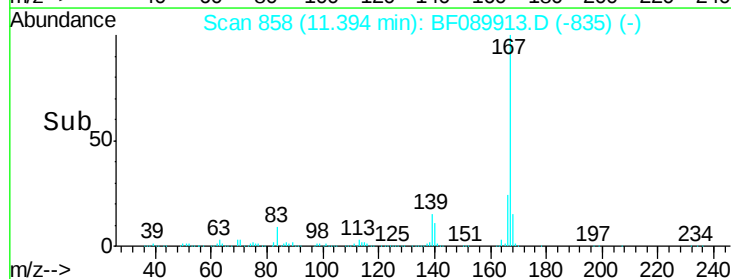
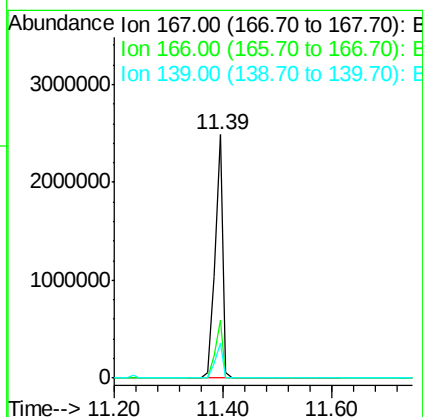
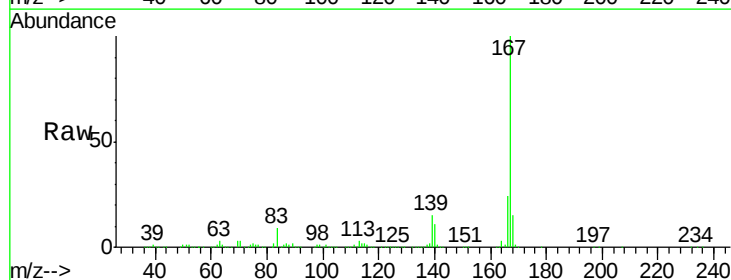
Instrument :
 BNA_F
 ClientSampleId :

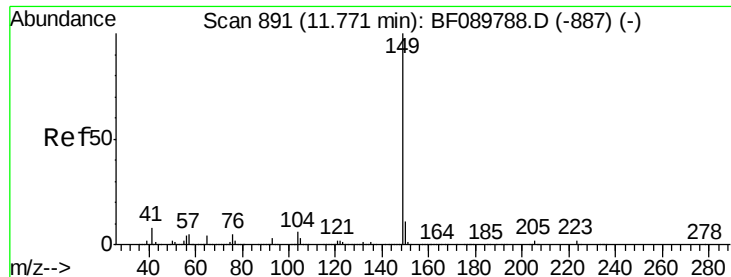
Tot Ion:178 Resp: 2360235
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.4 24.6
 179 17.0 13.1 19.7



#72
 Carbazole
 Concen: 40.89 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Tgt Ion:167 Resp: 2514622
 Ion Ratio Lower Upper
 167 100
 166 23.7 17.9 26.9
 139 14.5 12.4 18.6





#73

Di-n-butylphthalate

Concen: 36.81 ng

RT: 11.74 min Scan# 888

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

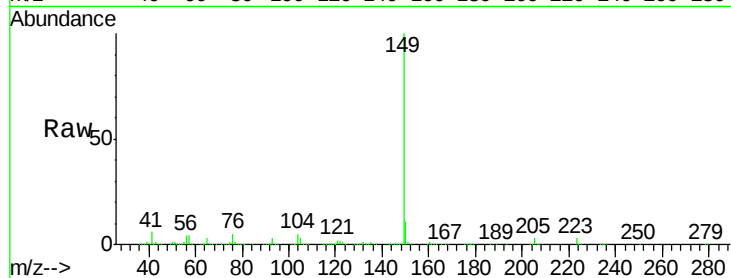
Tot Ion:149 Resp: 2831917

Ion Ratio Lower Upper

149 100

150 10.7 7.9 11.9

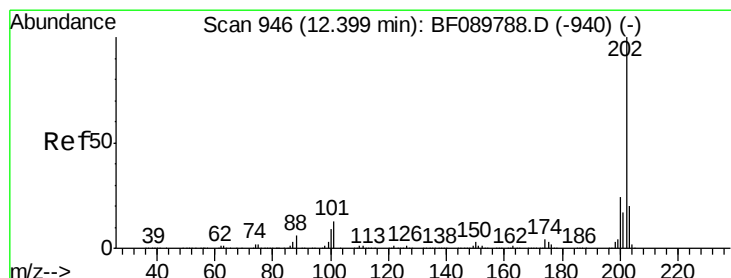
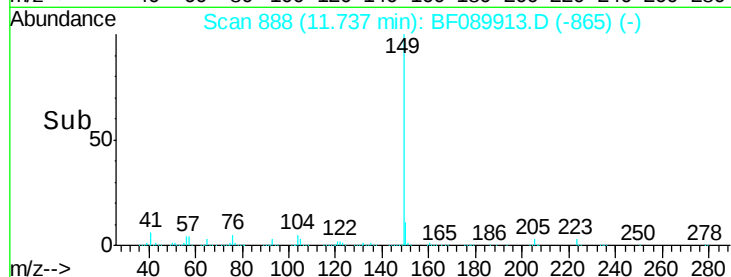
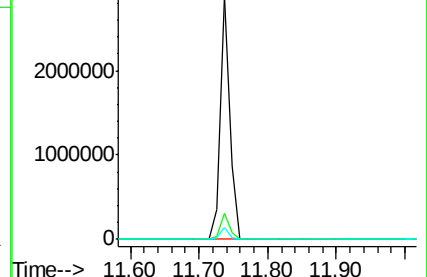
104 5.2 4.3 6.5



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: 42.67 ng

RT: 12.37 min Scan# 943

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

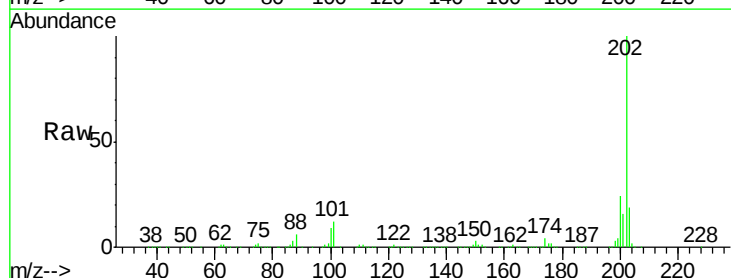
Tgt Ion:202 Resp: 2737586

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.2

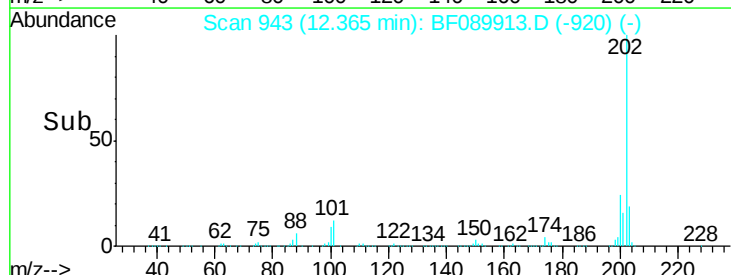
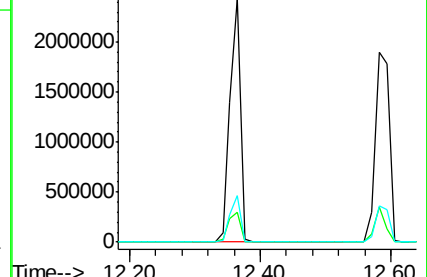
203 19.1 0.0 38.1

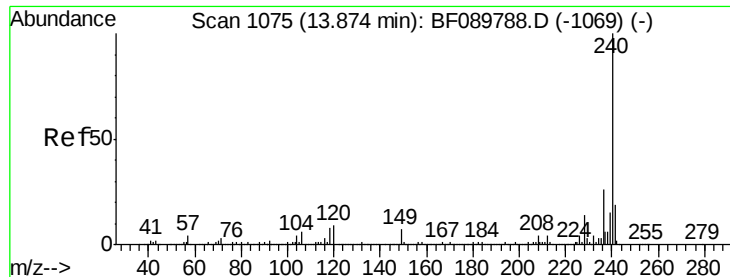


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.09 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

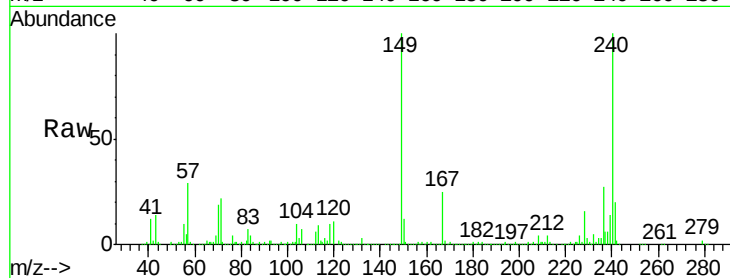
Tot Ion:240 Resp: 917852

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

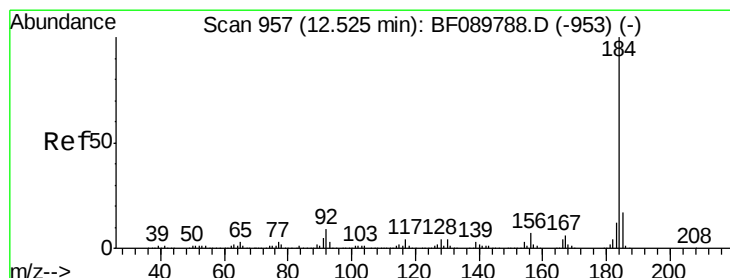
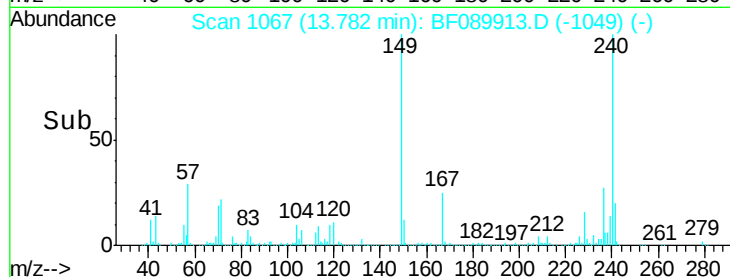
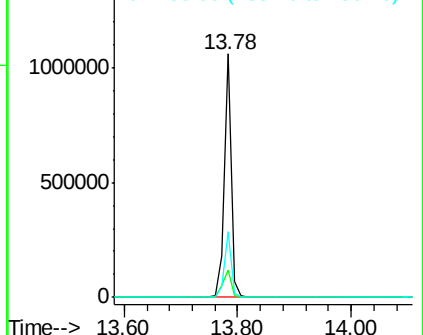
236 26.9 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.07 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.03 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

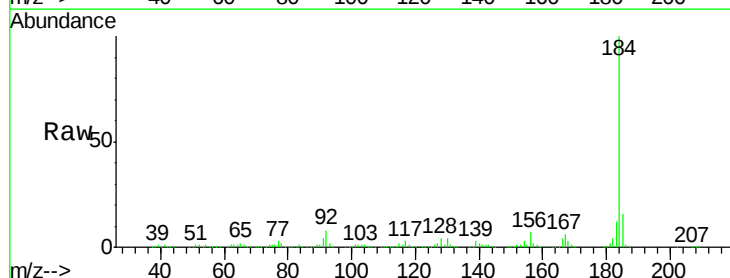
Tgt Ion:184 Resp: 1368459

Ion Ratio Lower Upper

184 100

185 15.9 13.8 20.8

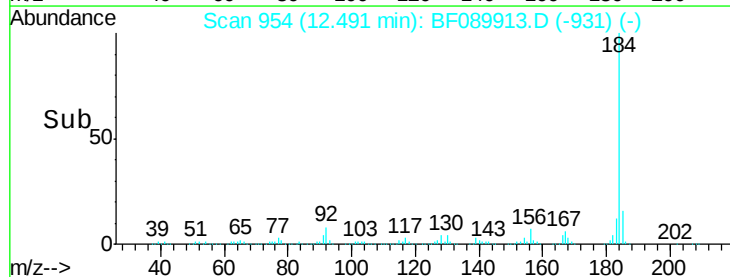
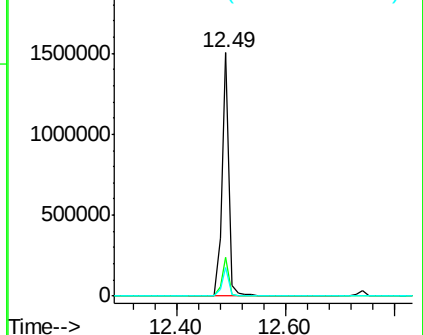
183 11.7 9.7 14.5

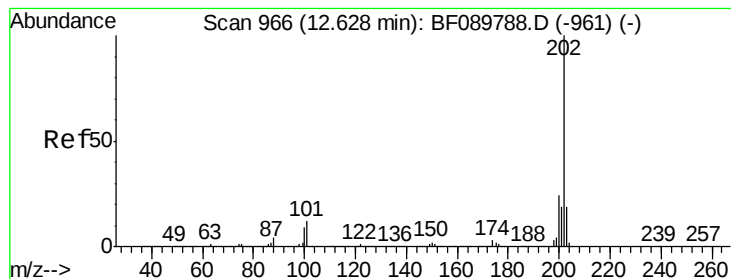


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.79 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

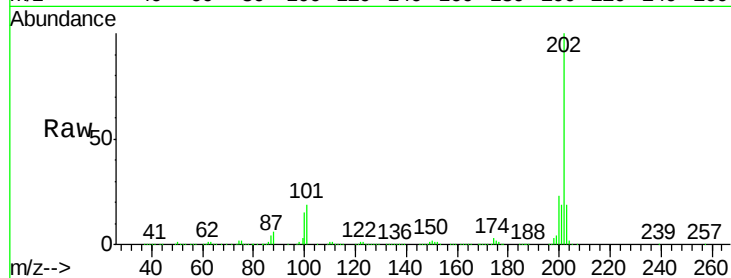
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 2749994

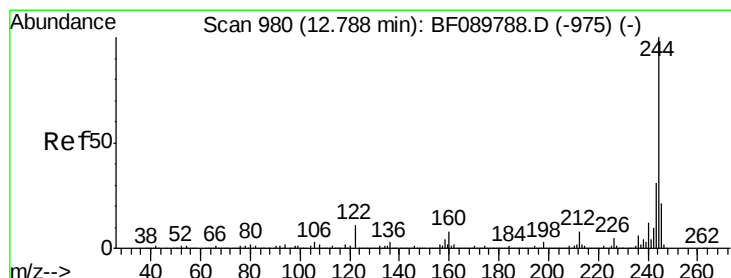
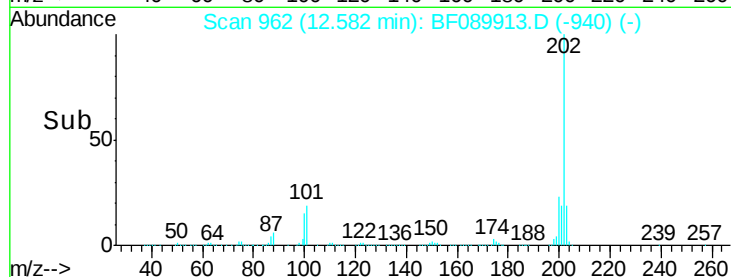
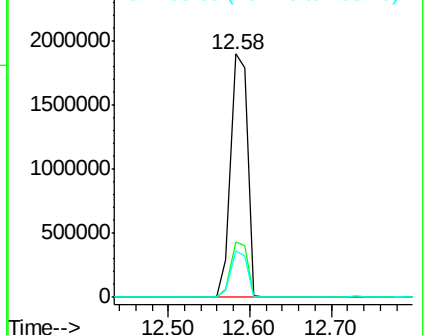
Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.8	26.6
203	19.2	14.2	21.4



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: 58.40 ng

RT: 12.74 min Scan# 976

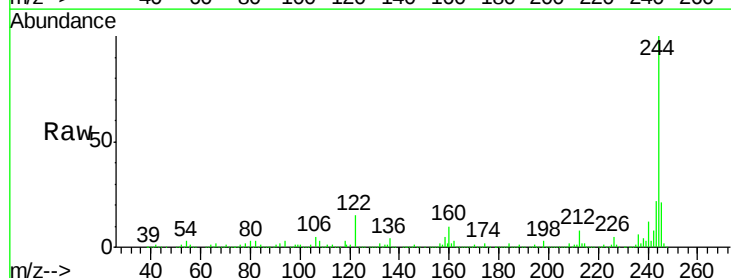
Delta R.T. -0.04 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Tgt Ion:244 Resp: 2369504

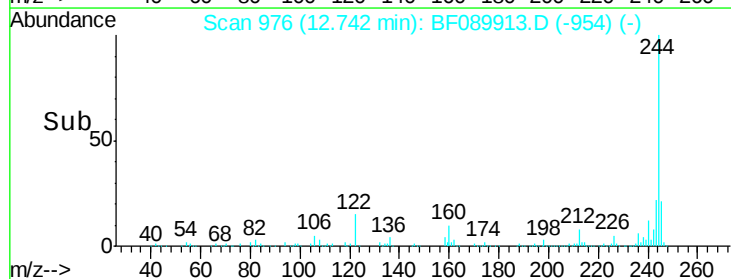
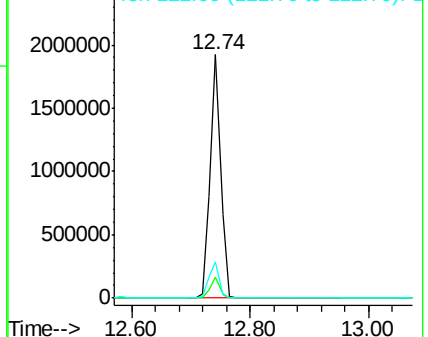
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.3	9.5
122	14.8	12.0	18.0

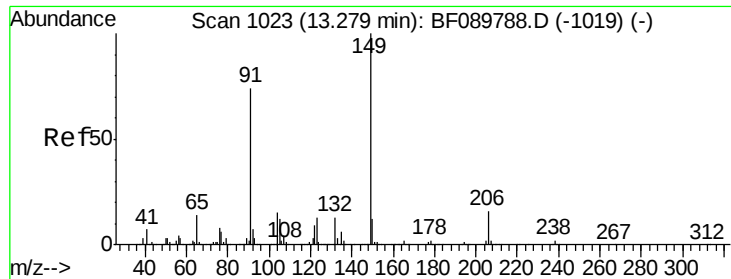


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

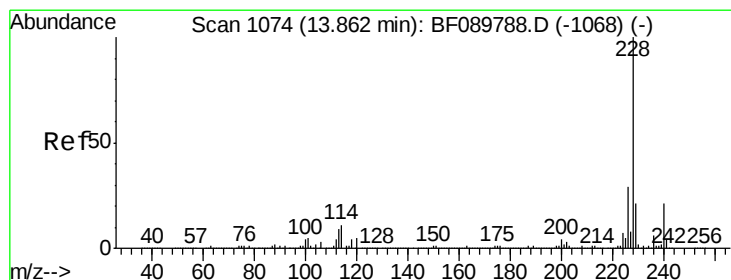
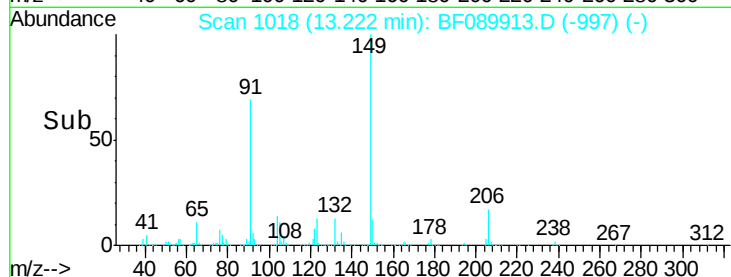
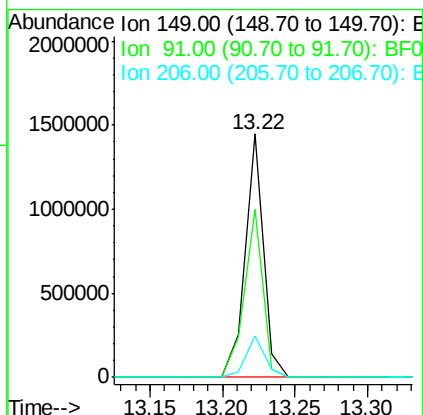
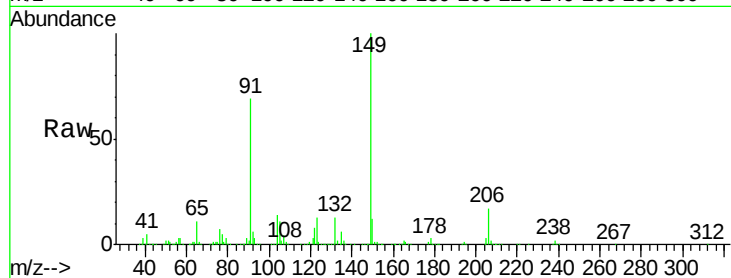




#79
 Butylbenzylphthalate
 Concen: 37.64 ng
 RT: 13.22 min Scan# 1018
 Delta R.T. -0.06 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

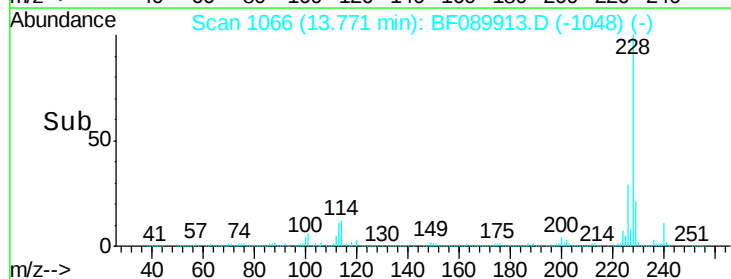
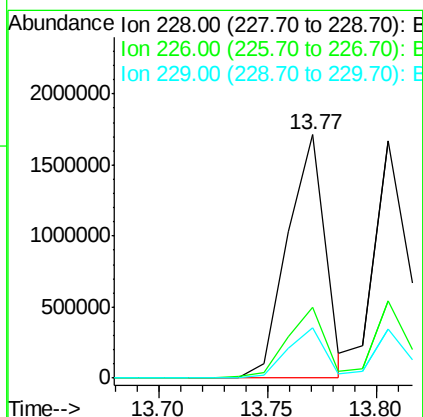
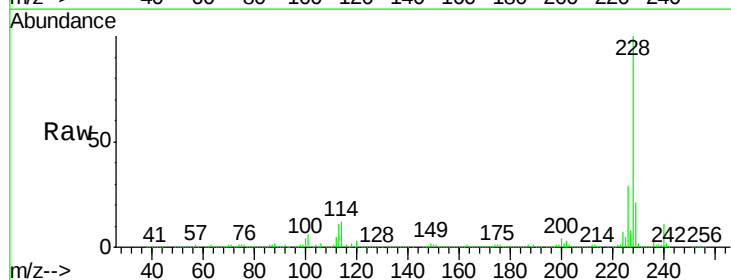
Instrument :
 BNA_F
 ClientSampleId :

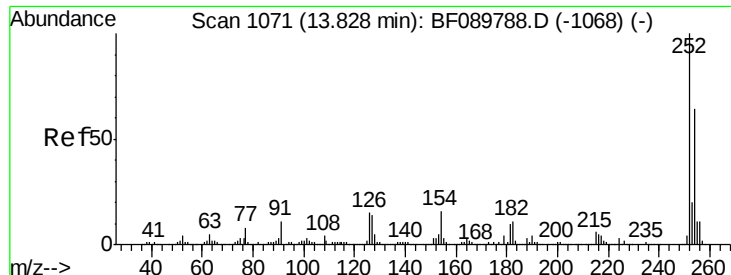
Tot Ion:149 Resp: 1270717
 Ion Ratio Lower Upper
 149 100
 91 69.1 50.7 76.1
 206 16.9 15.5 23.3



#80
 Benzo(a)anthracene
 Concen: 39.37 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.09 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Tgt Ion:228 Resp: 2069581
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.2 34.8
 229 20.8 16.2 24.4

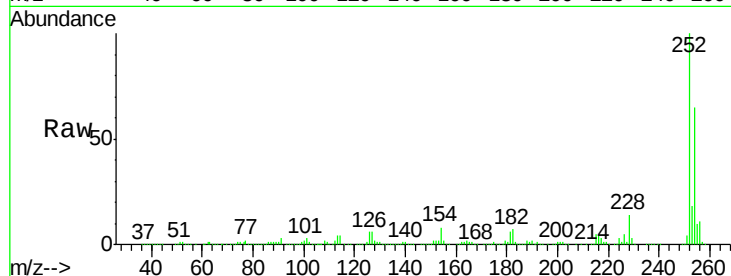




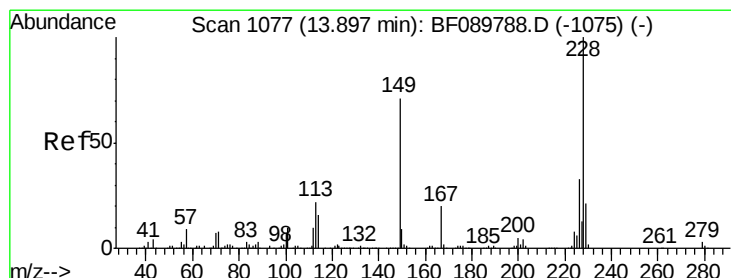
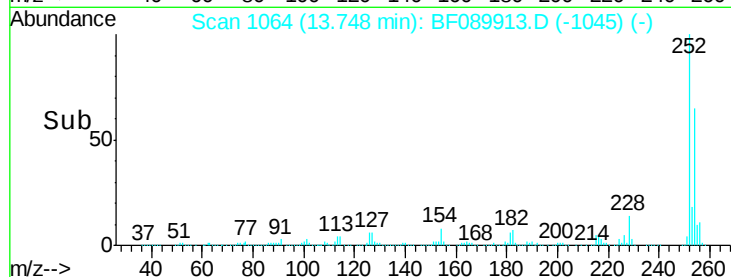
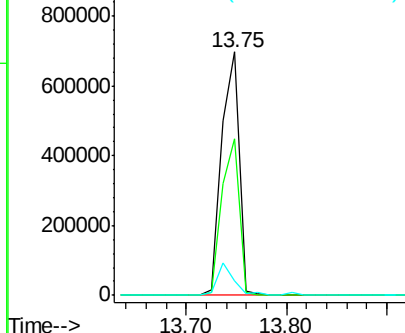
#81
 3,3'-Dichlorobenzidine
 Concen: 49.35 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.08 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 850493
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.6 75.8
 126 6.1 12.6 18.8#

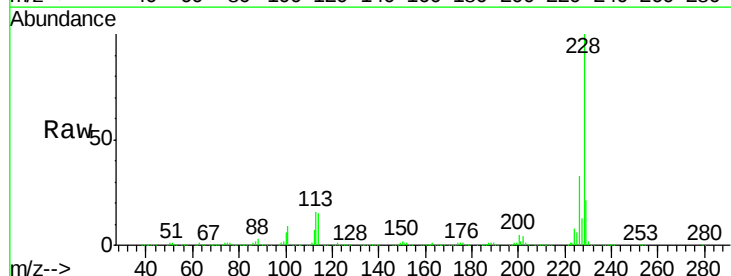


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

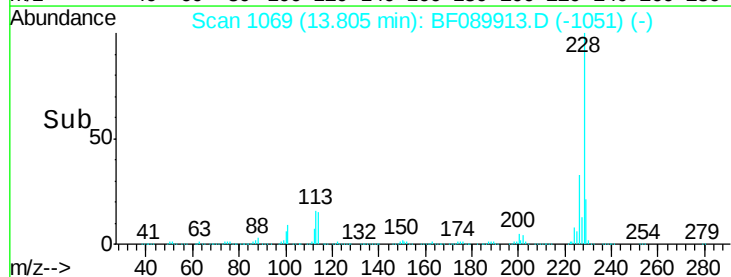
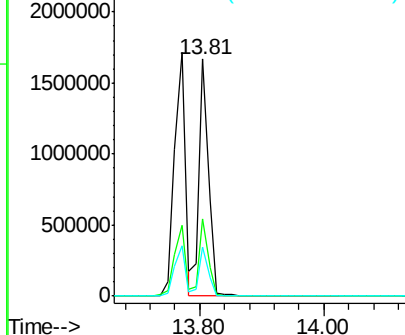


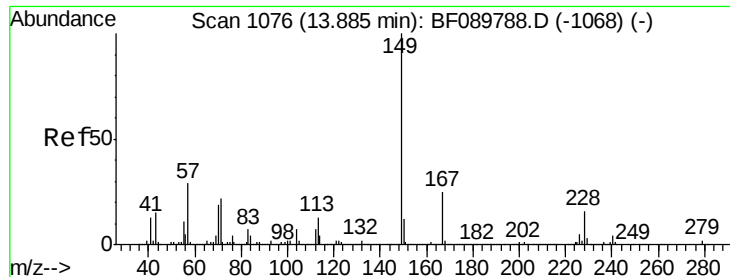
#82
 Chrysene
 Concen: 40.04 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.09 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Tgt Ion:228 Resp: 1804494
 Ion Ratio Lower Upper
 228 100
 226 32.7 25.4 38.0
 229 20.8 16.5 24.7



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: 37.47 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.09 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

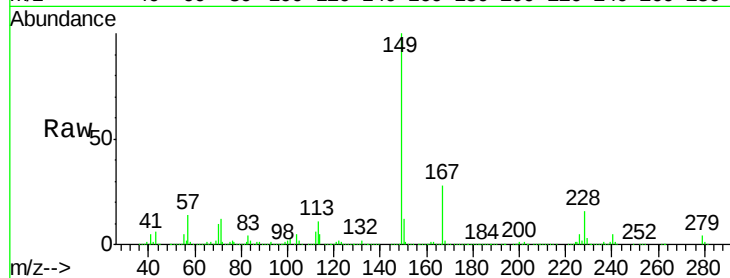
Tot Ion:149 Resp: 1742365

Ion Ratio Lower Upper

149 100

167 28.2 21.2 31.8

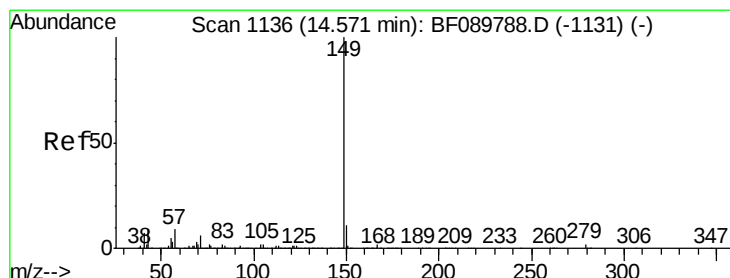
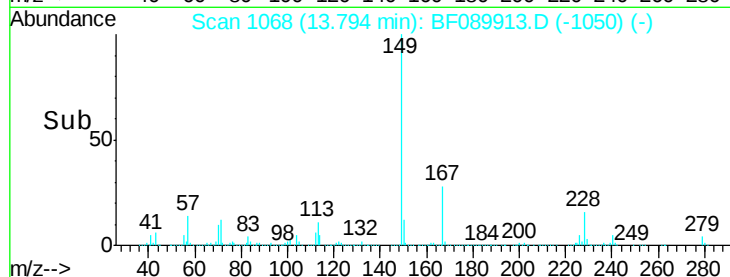
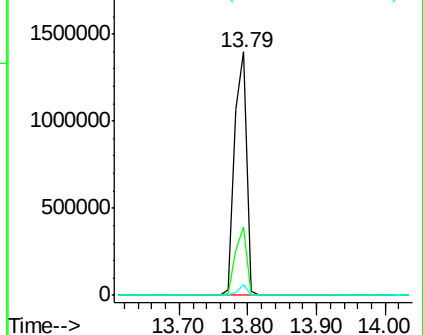
279 4.3 2.9 4.3#



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: 46.47 ng

RT: 14.40 min Scan# 1121

Delta R.T. -0.17 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

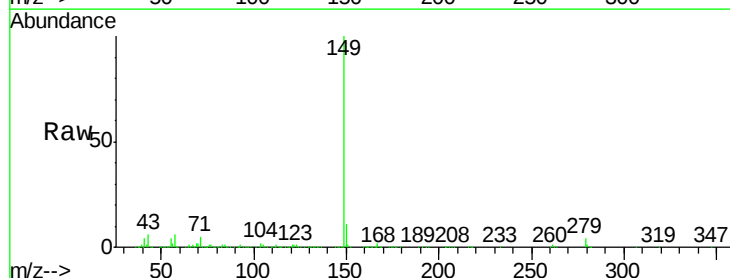
Tgt Ion:149 Resp: 2871673

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

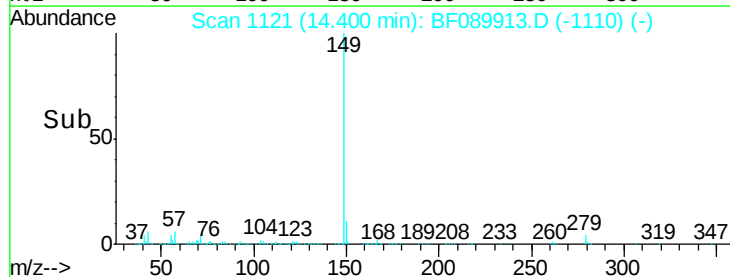
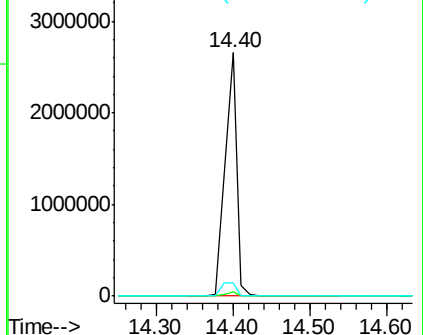
43 7.3 8.4 12.6#

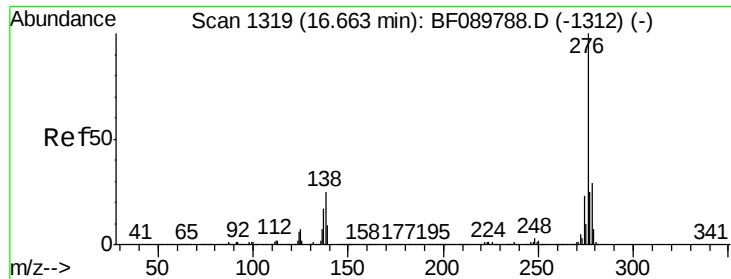


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

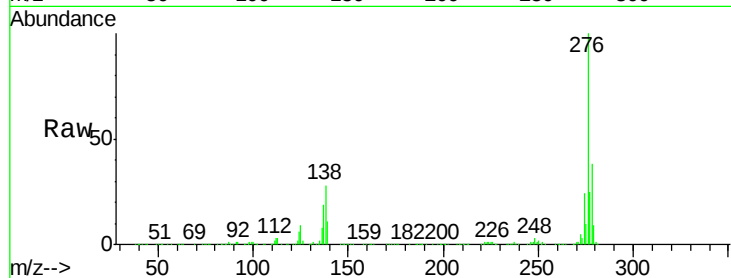




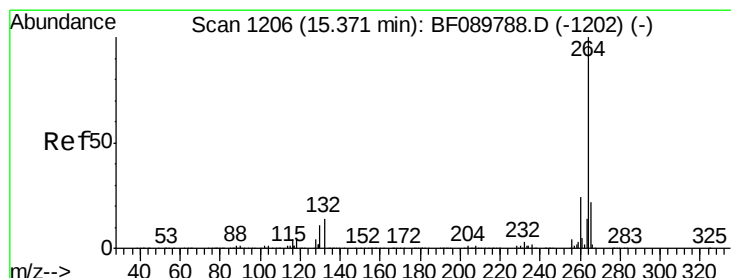
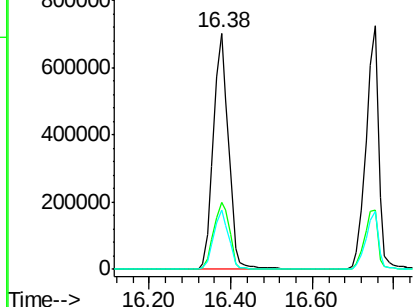
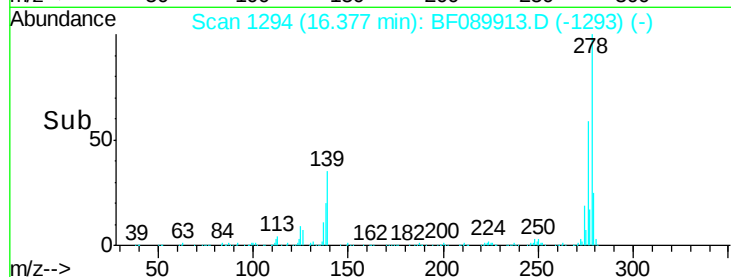
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.72 ng
 RT: 16.38 min Scan# 1294
 Delta R.T. -0.29 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 1823453
 Ion Ratio Lower Upper
 276 100
 138 30.3 24.6 36.8
 277 25.2 20.4 30.6

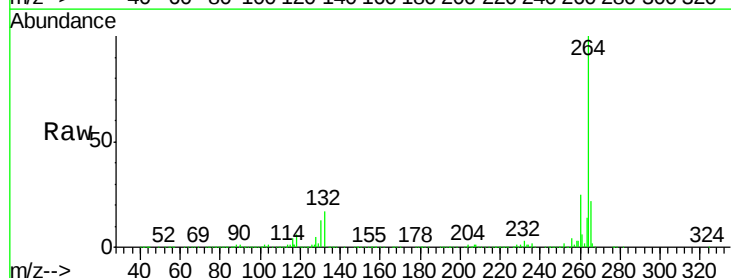


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

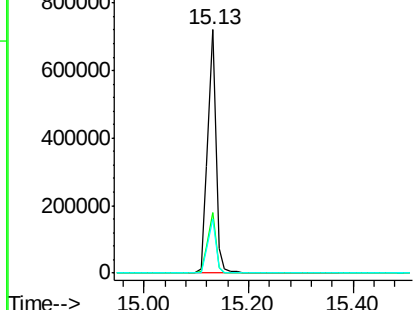
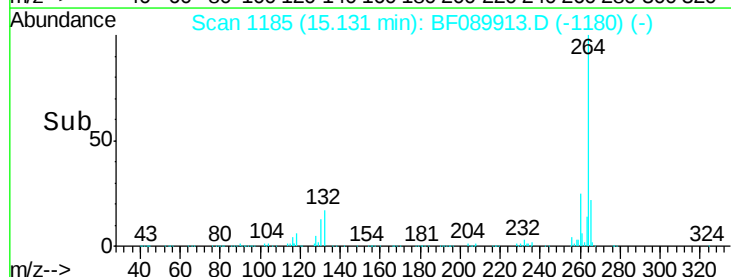


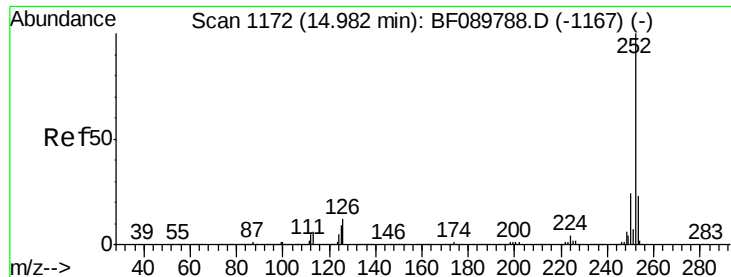
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. -0.24 min
 Lab File: BF089913.D
 Acq: 26 Aug 2016 17:21

Tgt Ion:264 Resp: 794824
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.2 30.2
 265 22.1 17.4 26.2



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

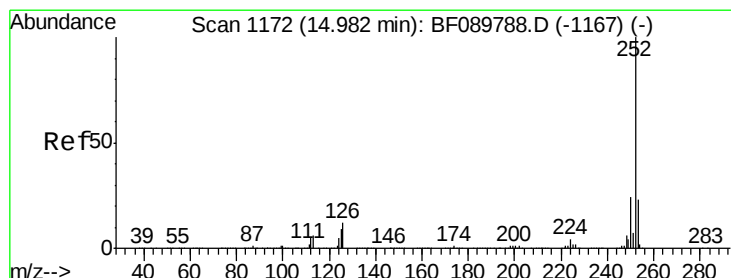
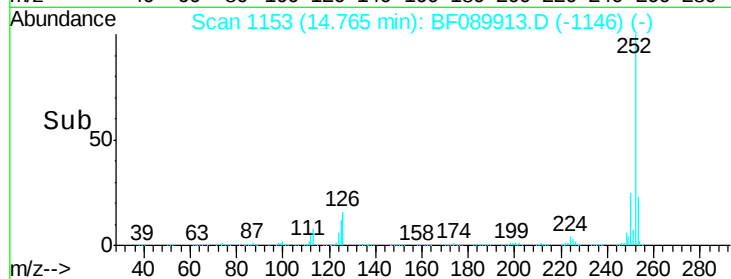
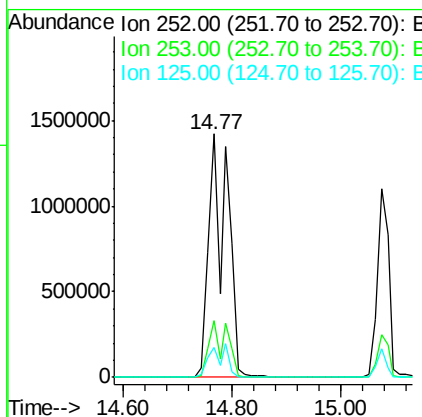
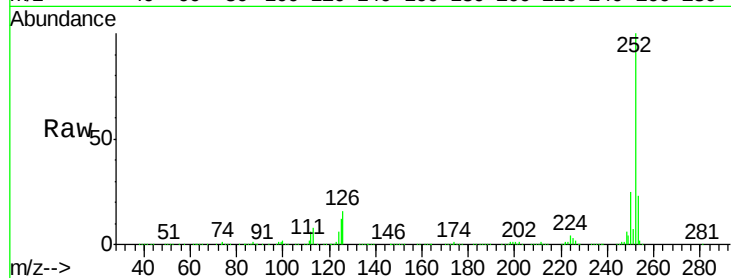




#87
Benzo(b)fluoranthene
Concen: 77.55 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.22 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

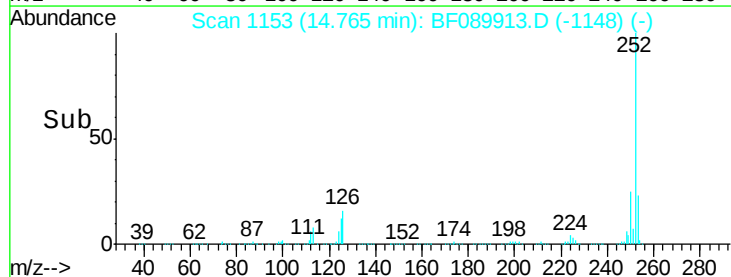
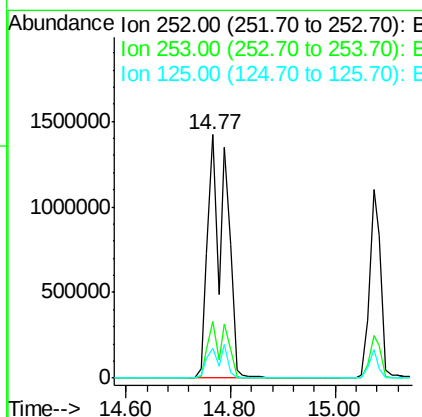
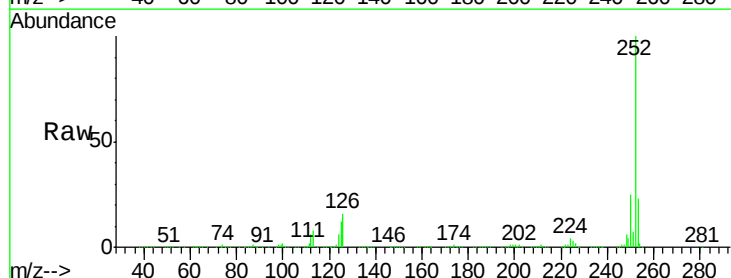
Instrument :
BNA_F
ClientSampleId :

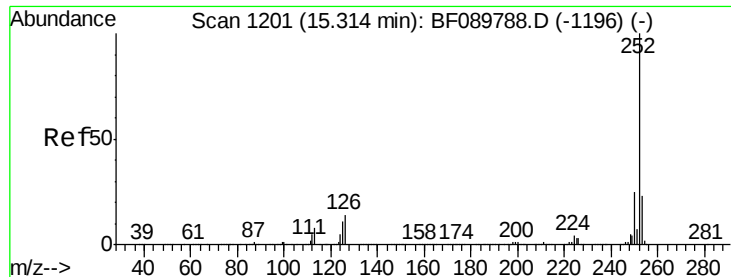
Tot Ion:252 Resp: 3390929
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 12.2 11.4 17.2



#88
Benzo(k)fluoranthene
Concen: 85.50 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.24 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Tgt Ion:252 Resp: 3391807
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 12.2 9.8 14.6

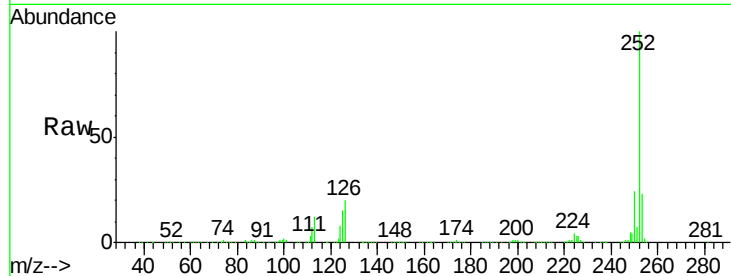




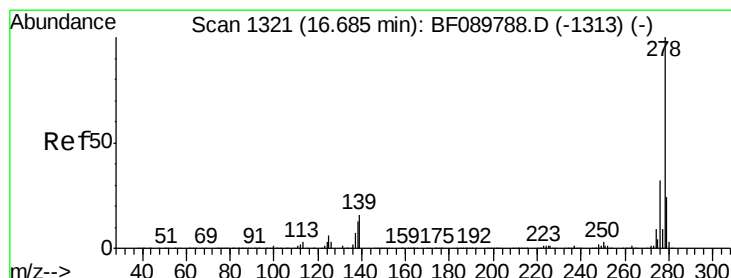
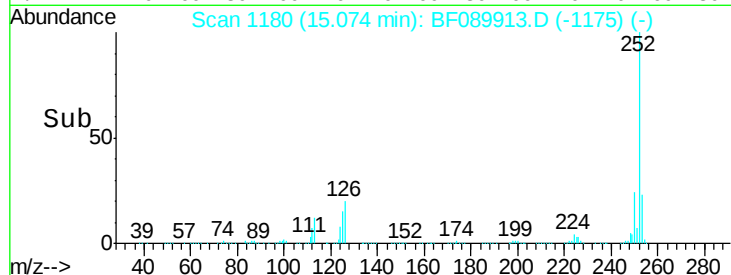
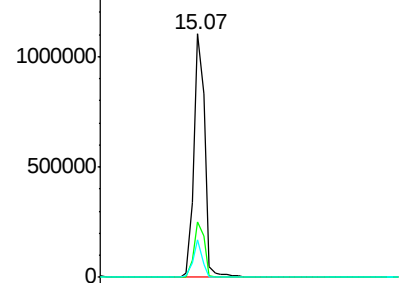
#89
Benzo(a)pyrene
Concen: 39.81 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.24 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1647624
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 15.4 11.7 17.5

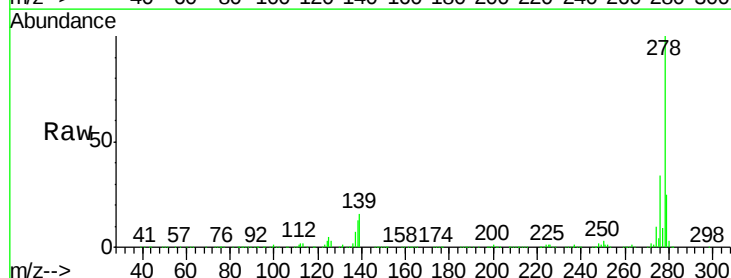


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

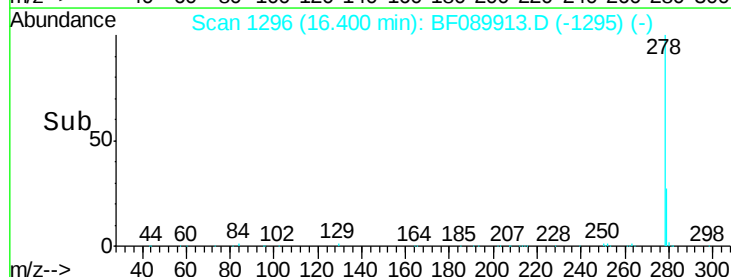
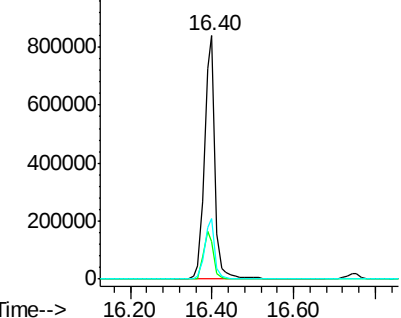


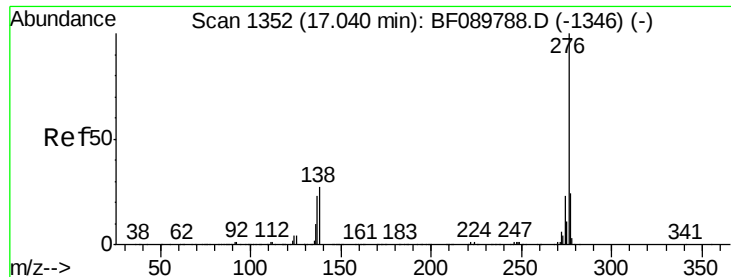
#90
Dibenzo(a,h)anthracene
Concen: 33.32 ng
RT: 16.40 min Scan# 1296
Delta R.T. -0.29 min
Lab File: BF089913.D
Acq: 26 Aug 2016 17:21

Tgt Ion:278 Resp: 1496975
Ion Ratio Lower Upper
278 100
139 15.7 14.9 22.3
279 24.8 19.2 28.8



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





#91

Benzo(a,h,i)perylene

Concen: 32.96 ng

RT: 16.75 min Scan# 1327

Delta R.T. -0.29 min

Lab File: BF089913.D

Acq: 26 Aug 2016 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1559252

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 24.3 22.1 33.1

