

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089323.D
 Acq On : 27 Jul 2016 11:24
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 11:56:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 11:51:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43513	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	188053	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	90310	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	169173	20.00	ng	0.00
75) Chrysene-d12	13.67	240	125000	20.00	ng	0.00
86) Perylene-d12	15.01	264	97261	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	283759	99.69	ng	0.01
7) Phenol-d6	6.20	99	359186	97.22	ng	0.00
23) Nitrobenzene-d5	7.12	82	324758	92.42	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	78121	95.97	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	602455	93.08	ng	0.00
78) Terphenyl-d14	12.63	244	494425	86.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	60501	49.44	ng	98
3) Pyridine	2.56	79	146181	46.97	ng	98
4) n-Nitrosodimethylamine	2.55	42	55832	43.74	ng	97
6) Aniline	6.22	93	209468	43.01	ng	# 66
8) 2-Chlorophenol	6.33	128	163740	51.37	ng	96
9) Benzaldehyde	6.09	77	94594	48.70	ng	98
10) Phenol	6.22	94	207164	48.98	ng	86
11) bis(2-Chloroethyl)ether	6.30	93	165440	51.81	ng	95
12) 1,3-Dichlorobenzene	6.48	146	163664	46.76	ng	99
13) 1,4-Dichlorobenzene	6.56	146	179467	50.35	ng	99
14) 1,2-Dichlorobenzene	6.72	146	163490	49.42	ng	98
15) Benzyl Alcohol	6.71	79	121936	46.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.83	45	190879	52.25	ng	84
17) 2-Methylphenol	6.83	107	119247	48.24	ng	93
18) Hexachloroethane	7.05	117	68112	51.01	ng	99
19) n-Nitroso-di-n-propylamine	6.98	70	112092	47.27	ng	93
20) 3+4-Methylphenols	6.99	107	160133	47.74	ng	86
22) Acetophenone	6.97	105	231468	46.89	ng	# 96
24) Nitrobenzene	7.14	77	191274	51.79	ng	94
25) Isophorone	7.38	82	315473	48.64	ng	97
26) 2-Nitrophenol	7.46	139	80679	46.74	ng	97
27) 2,4-Dimethylphenol	7.51	122	125780	43.24	ng	97
28) bis(2-Chloroethoxy)methane	7.60	93	175751	44.14	ng	99
29) 2,4-Dichlorophenol	7.70	162	128413	48.88	ng	96
30) 1,2,4-Trichlorobenzene	7.78	180	138180	47.71	ng	99
31) Naphthalene	7.85	128	437976	43.53	ng	100
32) Benzoic acid	7.68	122	95919	44.44	ng	95
33) 4-Chloroaniline	7.92	127	182839	44.04	ng	100
34) Hexachlorobutadiene	7.98	225	78559	48.55	ng	99
35) Caprolactam	8.31	113	36187	44.86	ng	97
36) 4-Chloro-3-methylphenol	8.41	107	143884	45.44	ng	93
37) 2-Methylnaphthalene	8.55	142	290361	46.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	151155	45.42	ng	99
40) Hexachlorocyclopentadiene	8.70	237	39678	45.63	ng	99

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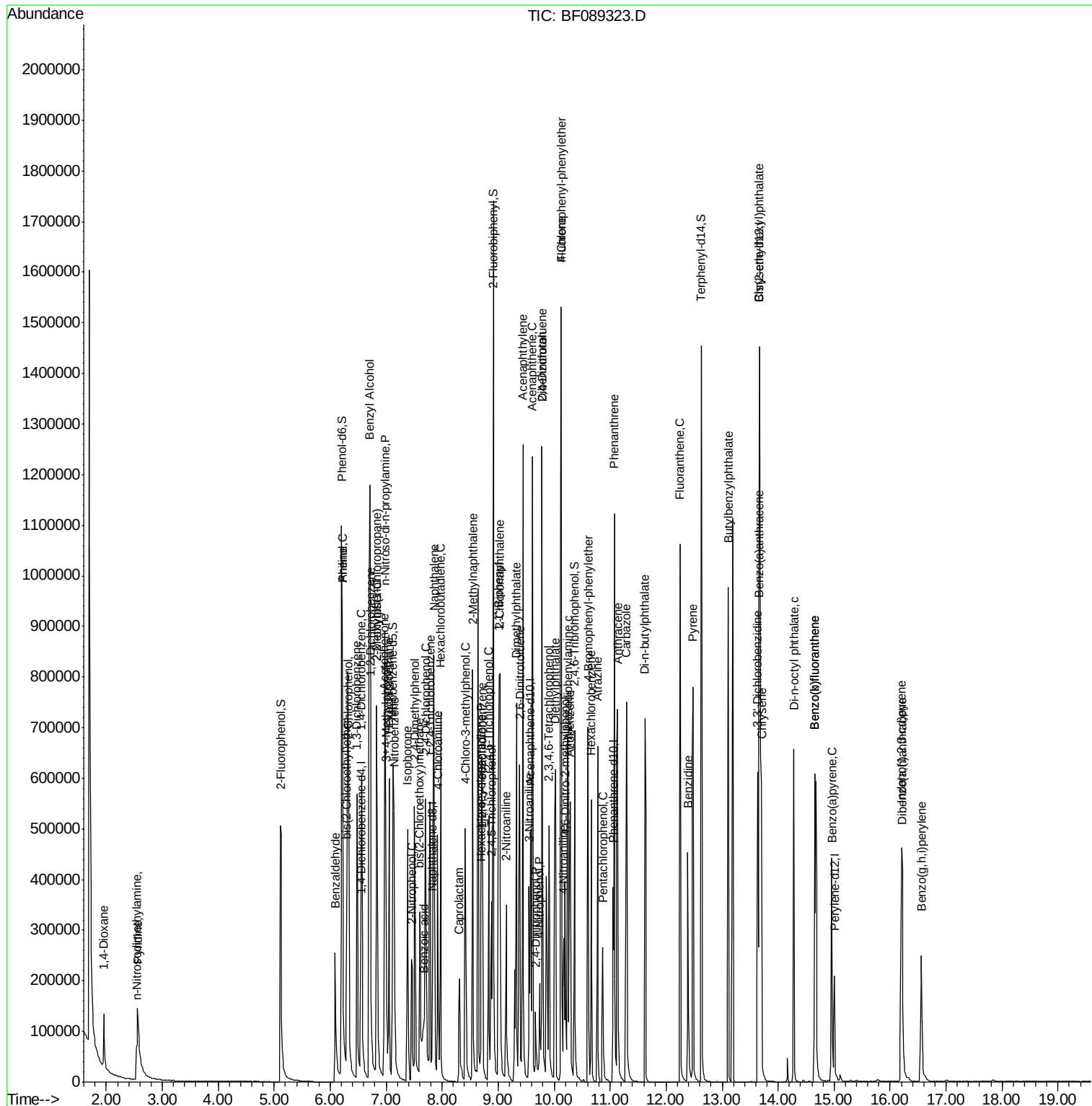
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	80949	44.47	nq	98
43) 2,4,5-Trichlorophenol	8.88	196	91201	48.95	nq	97
45) 1,1'-Biphenyl	9.02	154	360231	44.60	nq	94
46) 2-Chloronaphthalene	9.03	162	274703	44.77	nq	98
47) 2-Nitroaniline	9.14	65	88137	42.55	nq	97
48) Acenaphthylene	9.44	152	456641	47.02	nq	99
49) Dimethylphthalate	9.32	163	337144	49.09	nq	99
50) 2,6-Dinitrotoluene	9.38	165	70199	45.53	nq	# 75
51) Acenaphthene	9.61	154	267151	46.78	nq	100
52) 3-Nitroaniline	9.55	138	79318	44.26	nq	91
53) 2,4-Dinitrophenol	9.67	184	25292	42.73	nq	92
54) Dibenzofuran	9.78	168	360507	46.85	nq	99
55) 4-Nitrophenol	9.74	139	35804	34.56	nq	99
56) 2,4-Dinitrotoluene	9.78	165	92323	46.15	nq	# 73
57) Fluorene	10.12	166	318622	49.39	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	71500	53.27	nq	98
59) Diethylphthalate	10.02	149	349641	51.07	nq	95
60) 4-Chlorophenyl-phenylether	10.12	204	143340	48.07	nq	99
61) 4-Nitroaniline	10.17	138	81337	45.72	nq	90
62) Azobenzene	10.28	77	337112	45.38	nq	84
64) 4,6-Dinitro-2-methylphenol	10.19	198	51217	52.75	nq	# 68
65) n-Nitrosodiphenylamine	10.25	169	259649	45.98	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	84849	50.60	nq	# 88
67) Hexachlorobenzene	10.66	284	78416	44.05	nq	92
68) Atrazine	10.78	200	78272	44.49	nq	97
69) Pentachlorophenol	10.87	266	38999	48.92	nq	99
70) Phenanthrene	11.07	178	442645	47.45	nq	100
71) Anthracene	11.13	178	476654	49.76	nq	99
72) Carbazole	11.29	167	415645	49.97	nq	100
73) Di-n-butylphthalate	11.62	149	529983	50.08	nq	99
74) Fluoranthene	12.25	202	470604	47.89	nq	98
76) Benzidine	12.39	184	230283	53.20	nq	99
77) Pyrene	12.48	202	470233	46.57	nq	99
79) Butylbenzylphthalate	13.11	149	224456	51.31	nq	96
80) Benzo(a)anthracene	13.66	228	349895	44.49	nq	100
81) 3,3'-Dichlorobenzidine	13.63	252	135538	52.49	nq	# 99
82) Chrysene	13.70	228	355519	47.70	nq	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	307652	52.67	nq	100
84) Di-n-octyl phthalate	14.29	149	501072	52.57	nq	99
85) Indeno(1,2,3-cd)pyrene	16.21	276	255938	47.09	nq	100
87) Benzo(b)fluoranthene	14.65	252	582787	87.23	nq	98
88) Benzo(k)fluoranthene	14.65	252	582787	109.64	nq	98
89) Benzo(a)pyrene	14.96	252	268463	49.08	nq	# 93
90) Dibenzo(a,h)anthracene	16.22	278	212447	49.27	nq	96
91) Benzo(g,h,i)perylene	16.56	276	209550	48.26	nq	96

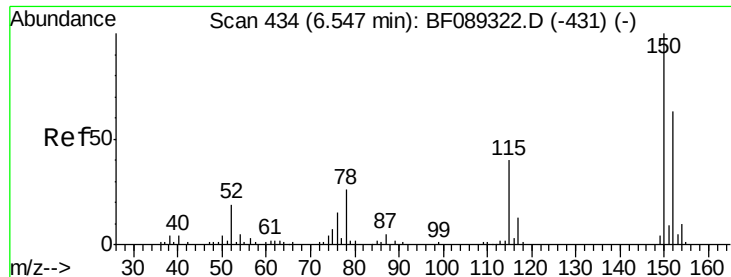
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampled :

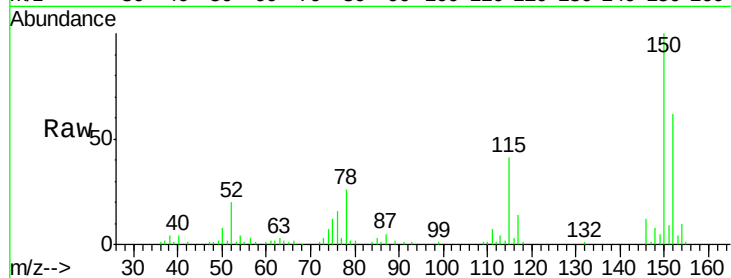
Tot Ion:152 Resp: 43513

Ion Ratio Lower Upper

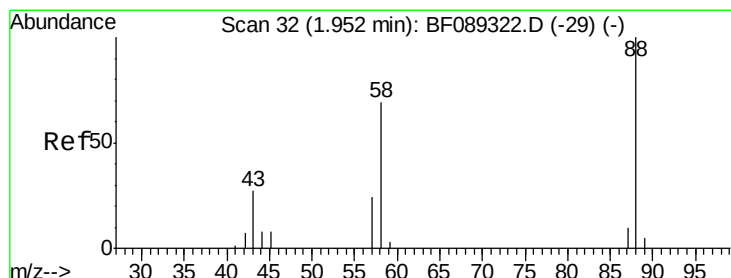
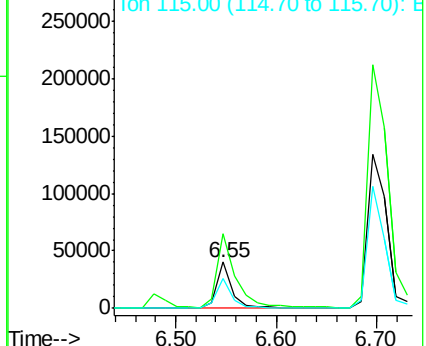
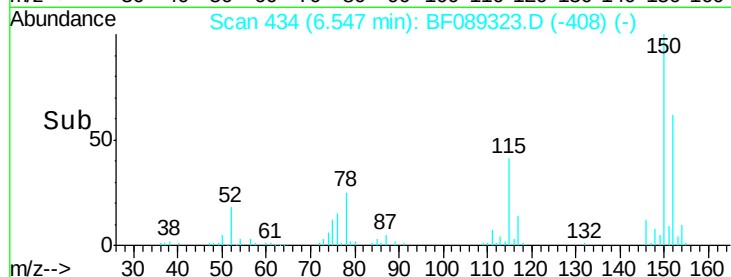
152 100

150 161.2 129.5 194.3

115 65.3 51.4 77.2



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



#2

1,4-Dioxane

Concen: 49.44 ng

RT: 1.95 min Scan# 32

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

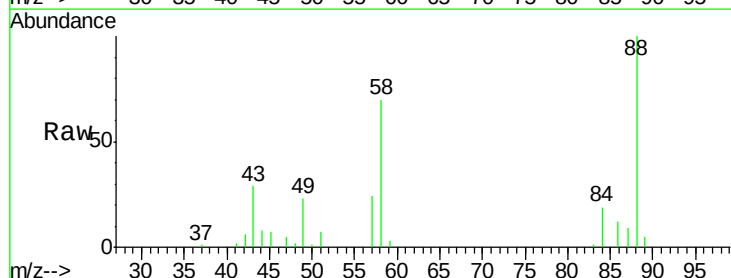
Tgt Ion: 88 Resp: 60501

Ion Ratio Lower Upper

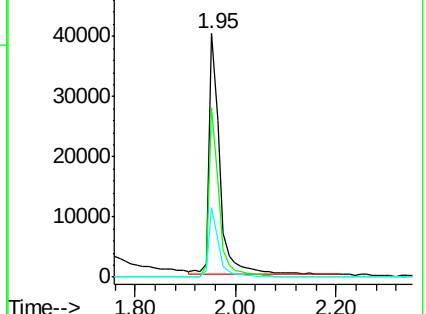
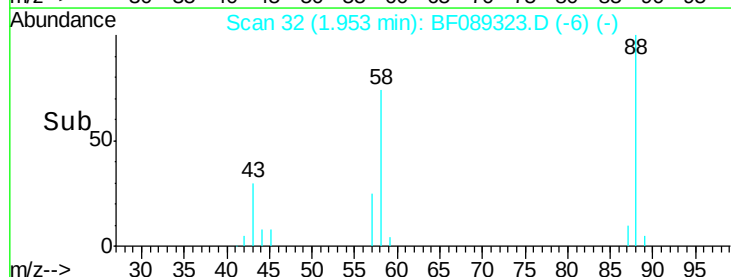
88 100

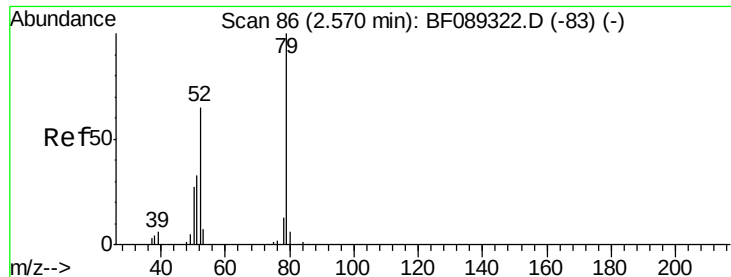
58 64.7 53.2 79.8

43 26.2 20.6 31.0



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





#3

Pvridine

Concen: 46.97 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

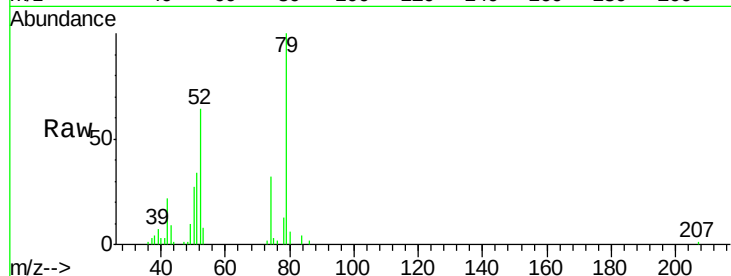
Tot Ion: 79 Resp: 146181

Ion Ratio Lower Upper

79 100

52 63.9 51.9 77.9

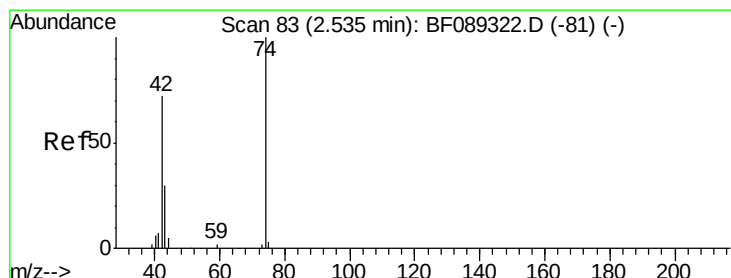
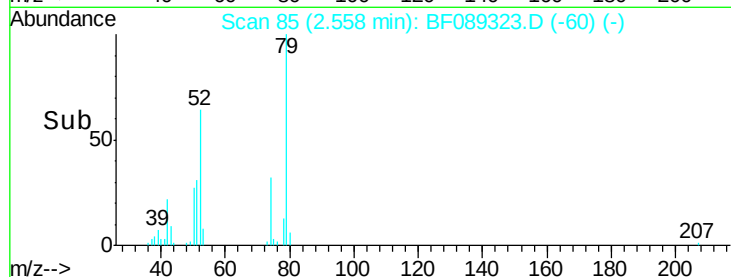
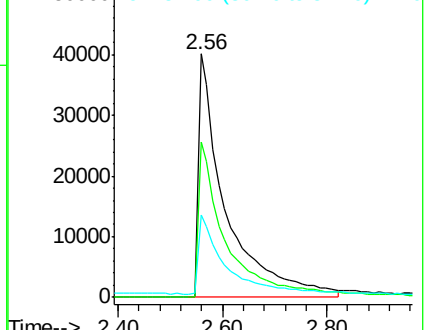
51 33.7 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.74 ng

RT: 2.55 min Scan# 84

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

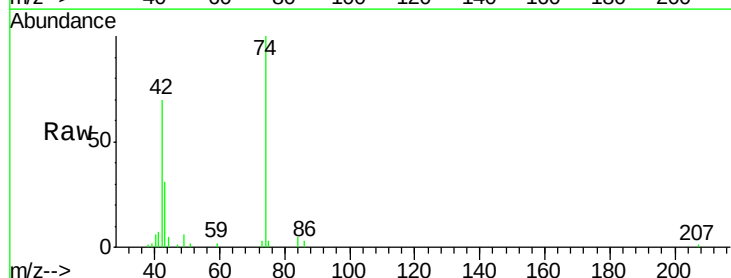
Tgt Ion: 42 Resp: 55832

Ion Ratio Lower Upper

42 100

74 142.3 110.8 166.2

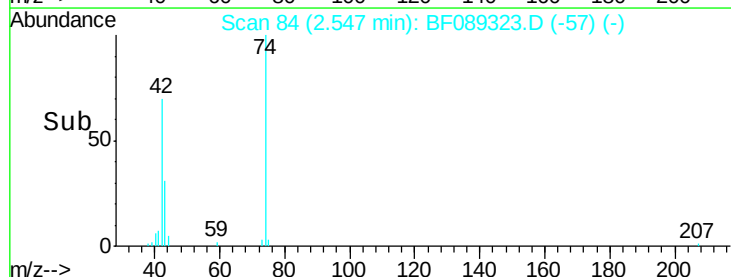
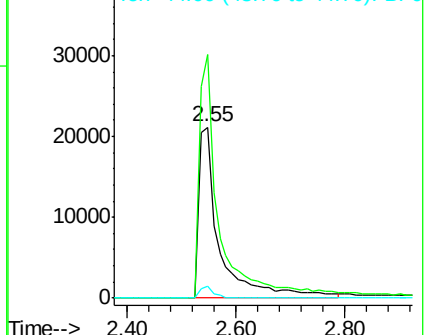
44 6.6 5.2 7.8

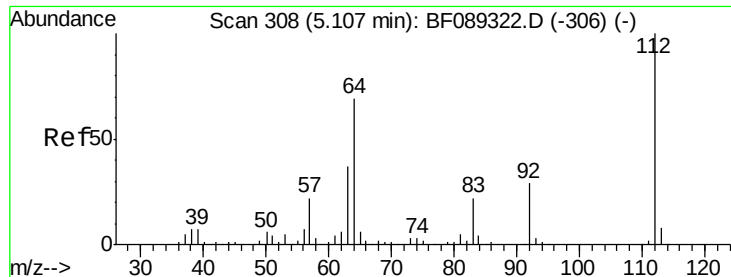


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 99.69 ng

RT: 5.12 min Scan# 309

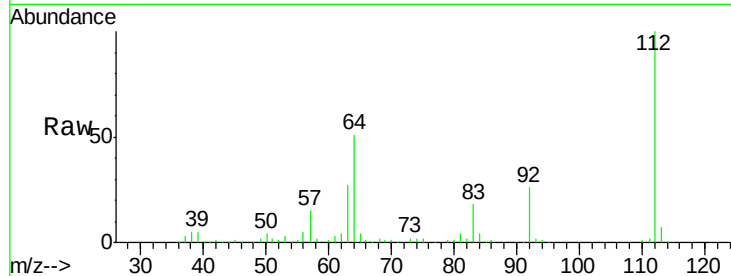
Delta R.T. 0.01 min

Lab File: BF089323.D

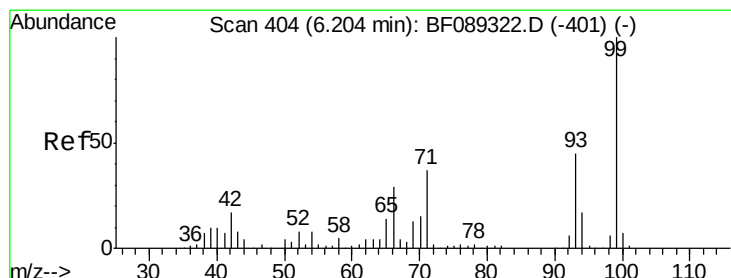
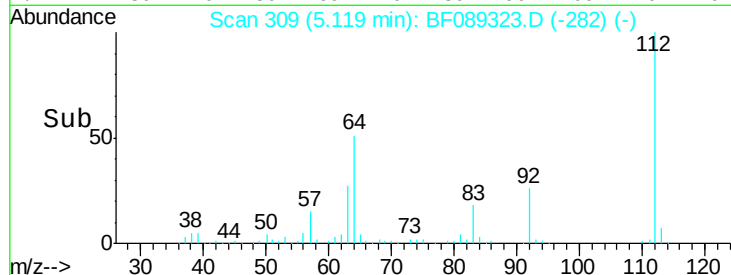
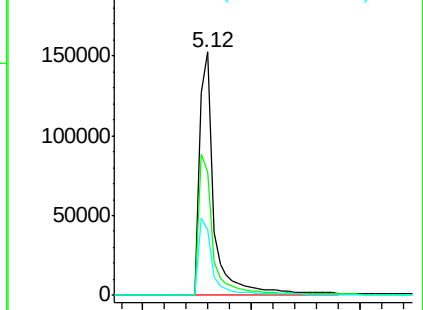
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	283759
Ion Ratio	Lower	Upper	
112	100		
64	50.7	55.0	82.6#
63	26.8	29.4	44.2#



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 43.01 ng

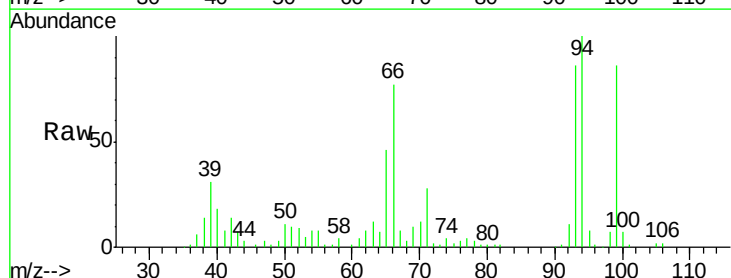
RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

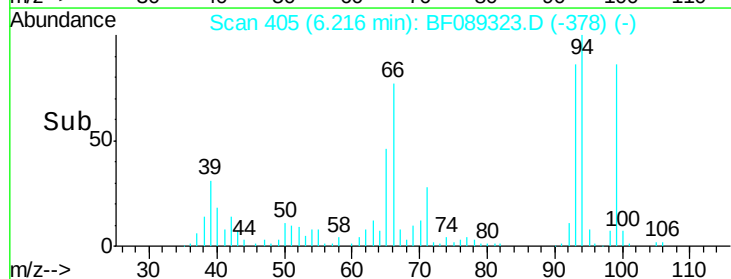
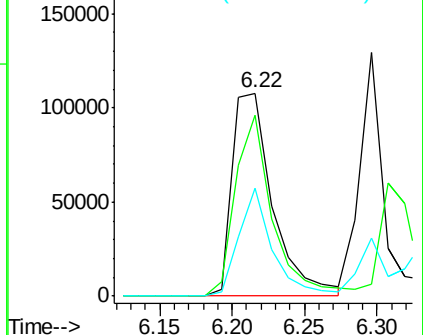
Lab File: BF089323.D

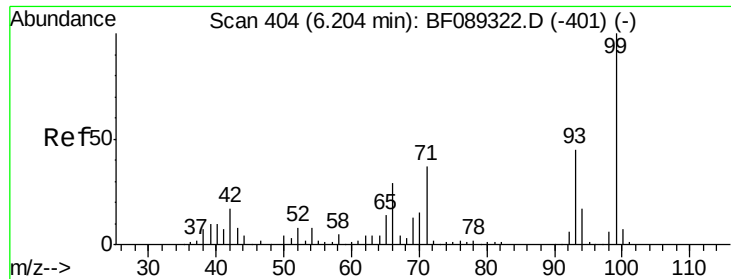
Acq: 27 Jul 2016 11:24

Tgt Ion:	93	Resp:	209468
Ion Ratio	Lower	Upper	
93	100		
66	89.2	51.6	77.4#
65	53.0	24.7	37.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 97.22 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :

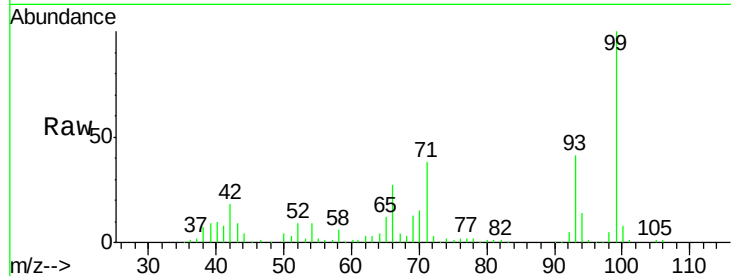
Tot Ion: 99 Resp: 359186

Ion Ratio Lower Upper

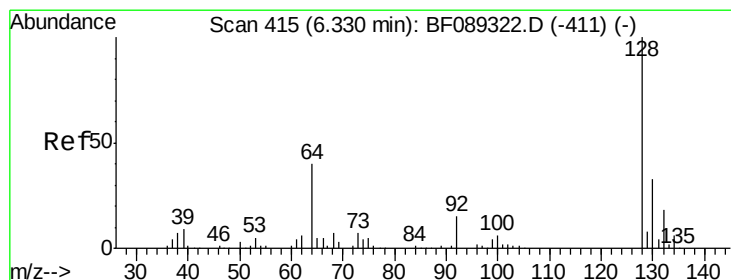
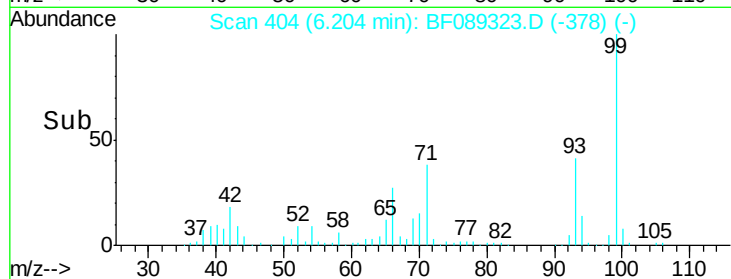
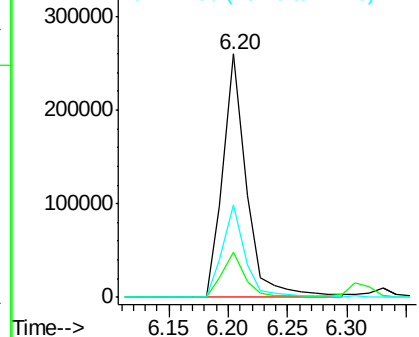
99 100

42 18.4 13.6 20.4

71 38.0 29.4 44.2



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: 51.37 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

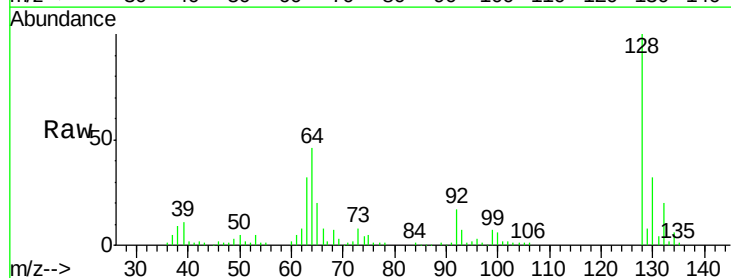
Tgt Ion:128 Resp: 163740

Ion Ratio Lower Upper

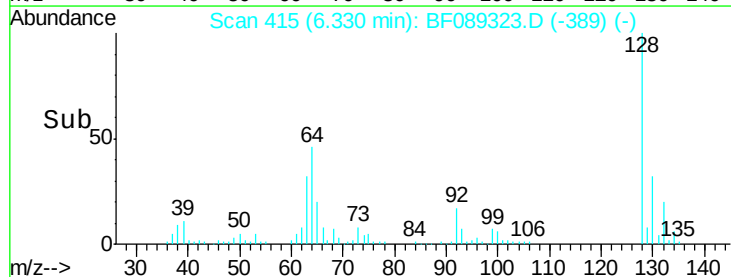
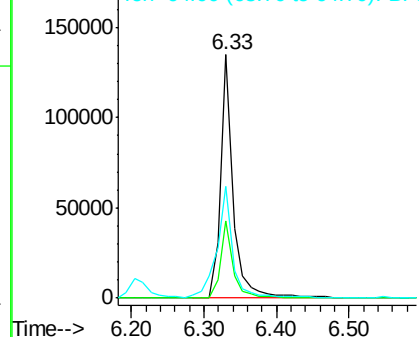
128 100

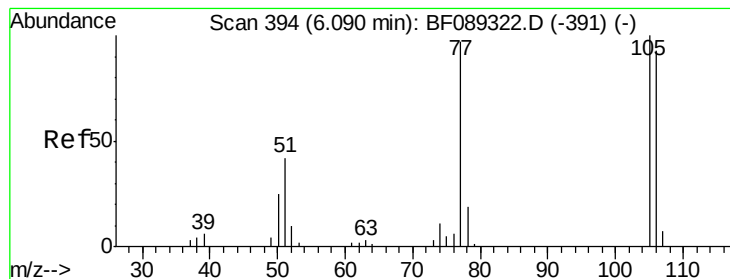
130 31.8 12.6 52.6

64 46.1 22.1 62.1



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: 48.70 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

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ClientSampleId :

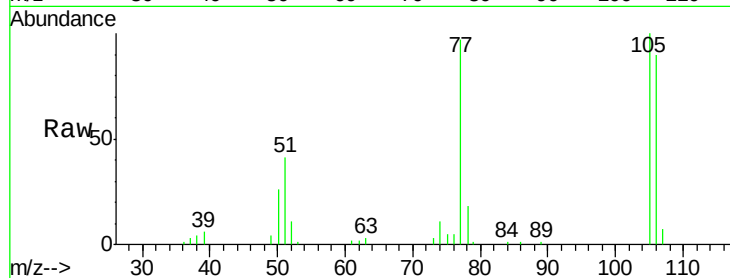
Tot Ion: 77 Resp: 94594

Ion Ratio Lower Upper

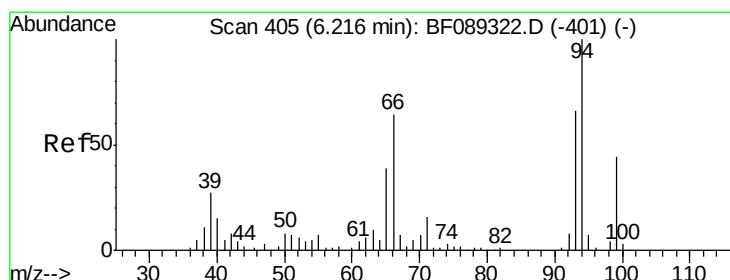
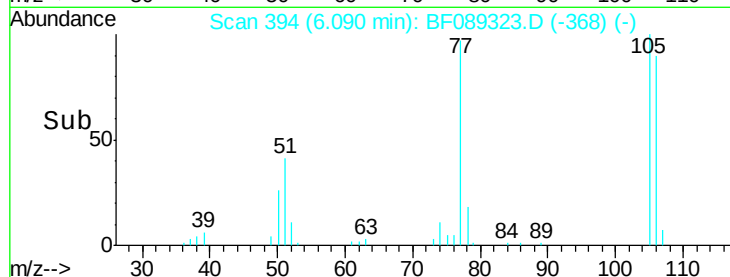
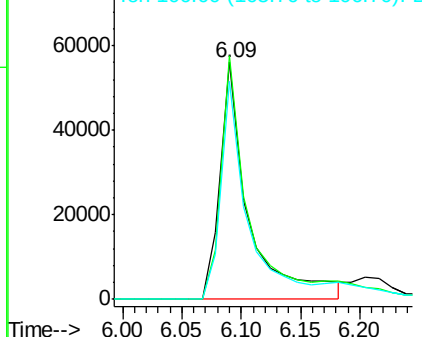
77 100

105 102.9 82.9 122.9

106 92.1 75.9 115.9



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: 48.98 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

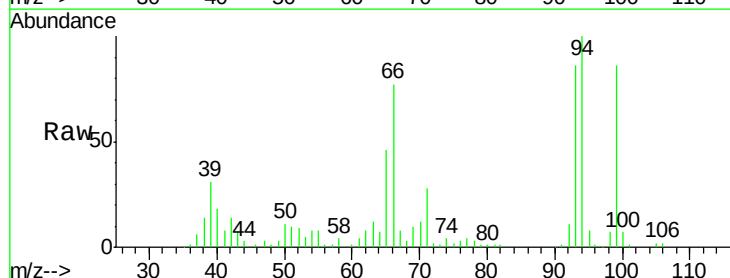
Tgt Ion: 94 Resp: 207164

Ion Ratio Lower Upper

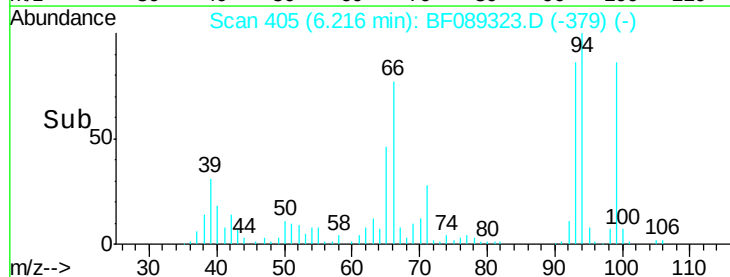
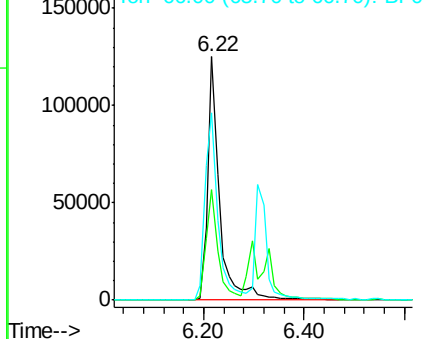
94 100

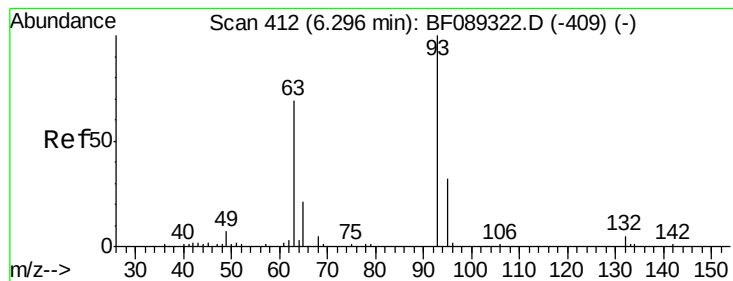
65 45.5 19.1 59.1

66 76.7 44.4 84.4



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

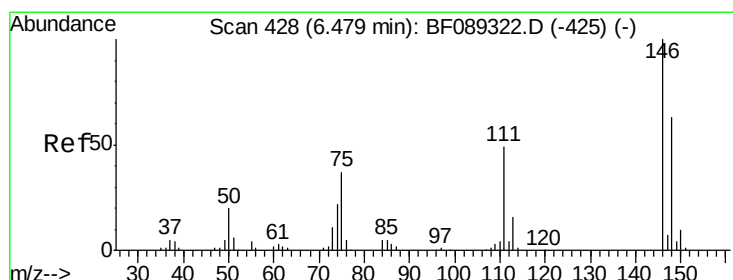
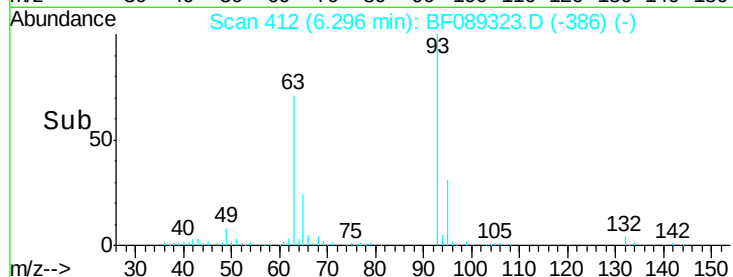
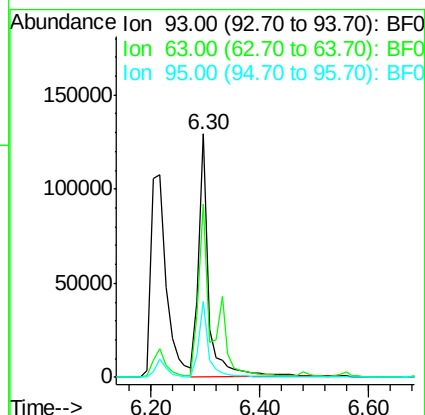
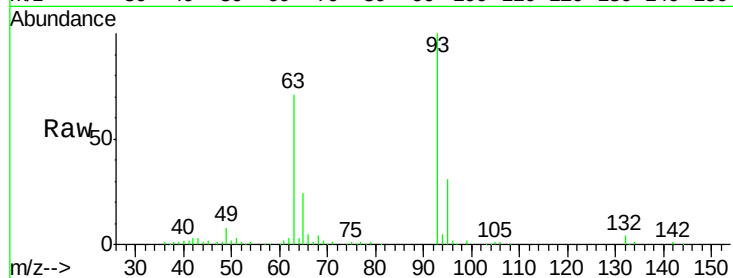




#11
bis(2-Chloroethyl)ether
Concen: 51.81 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

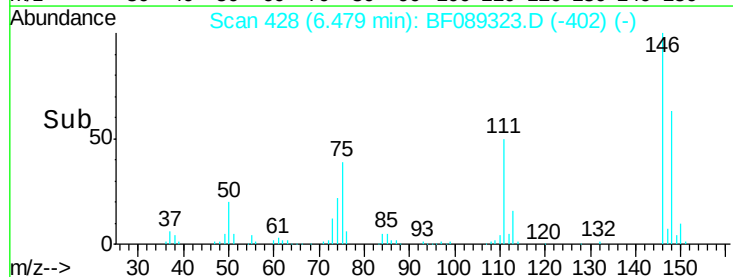
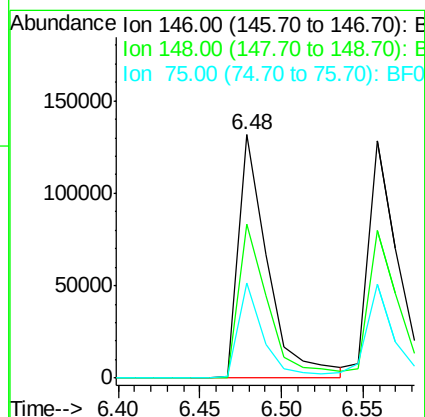
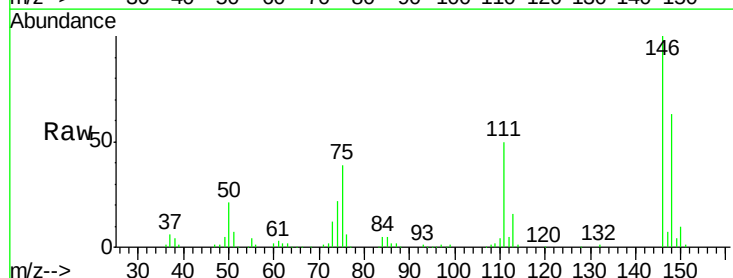
Instrument :
BNA_F
ClientSampleId :

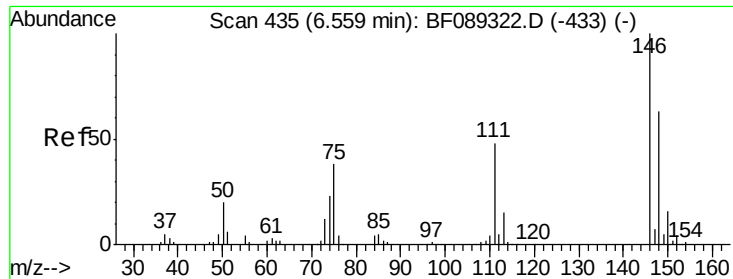
Tot Ion: 93 Resp: 165440
Ion Ratio Lower Upper
93 100
63 71.2 45.6 85.6
95 31.1 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 46.76 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion: 146 Resp: 163664
Ion Ratio Lower Upper
146 100
148 63.5 50.5 75.7
75 39.0 30.0 45.0

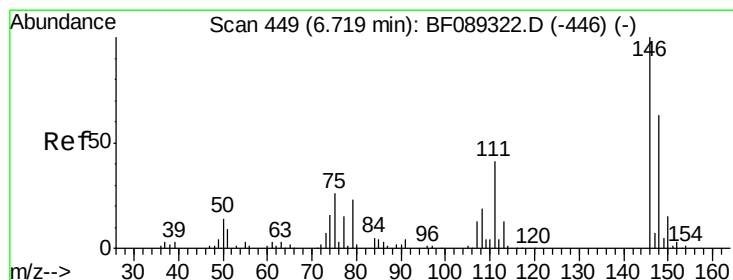
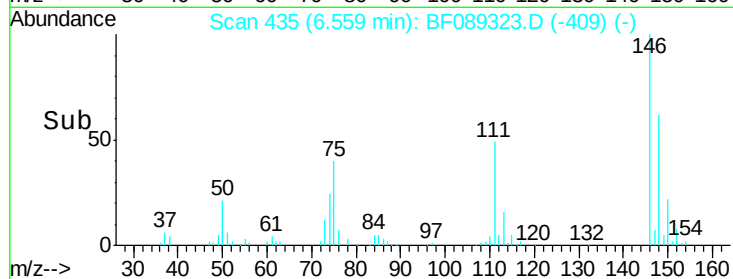
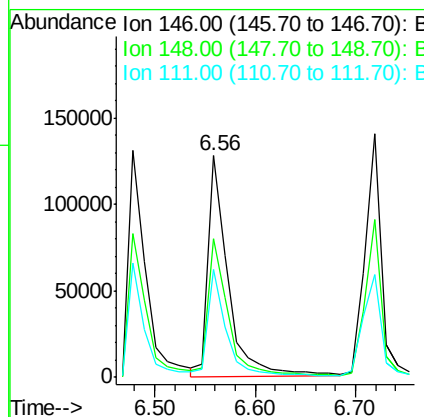
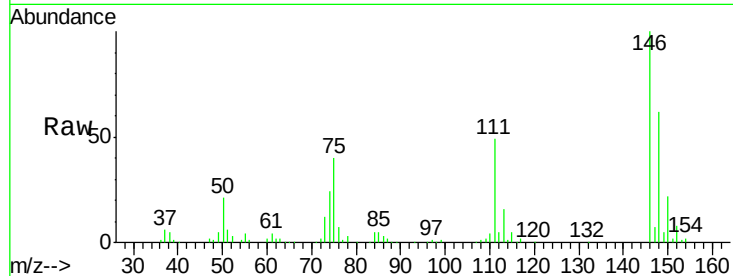




#13
 1,4-Dichlorobenzene
 Concen: 50.35 ng
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

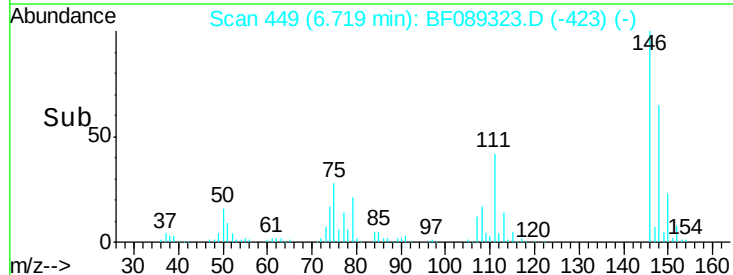
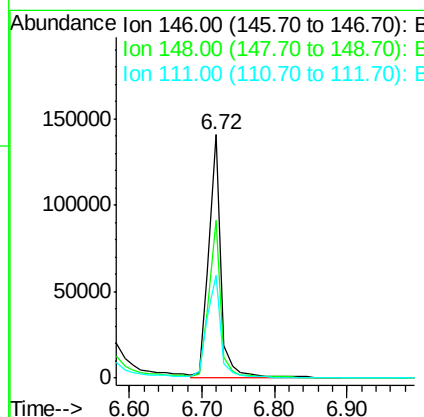
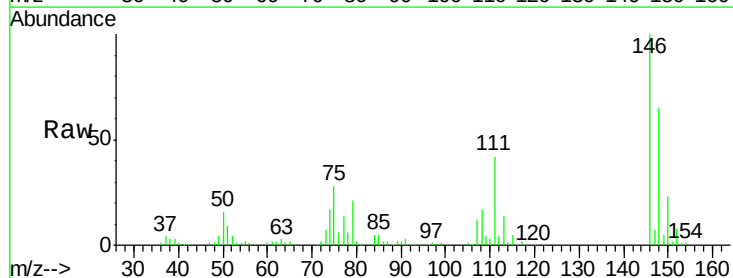
Instrument :
 BNA_F
 ClientSampleId :

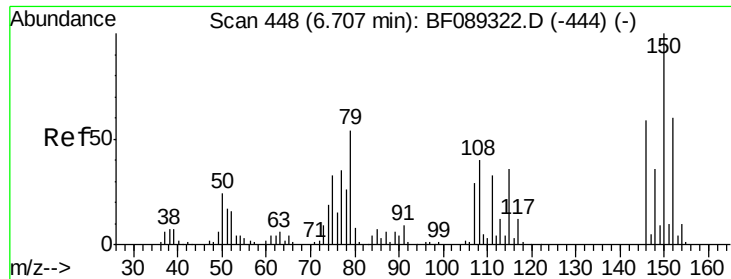
Tot Ion:146 Resp: 179467
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.8 76.2
 111 48.9 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 49.42 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion:146 Resp: 163490
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.4 75.6
 111 42.2 33.0 49.4





#15

Benzyl Alcohol

Concen: 46.46 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampled :

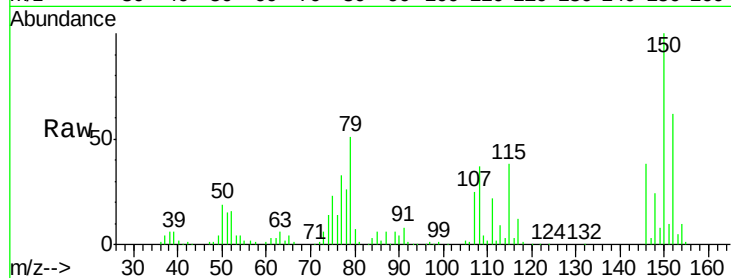
Tot Ion: 79 Resp: 121936

Ion Ratio Lower Upper

79 100

108 72.4 59.8 89.6

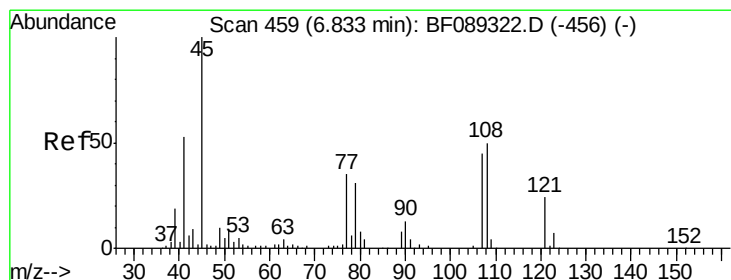
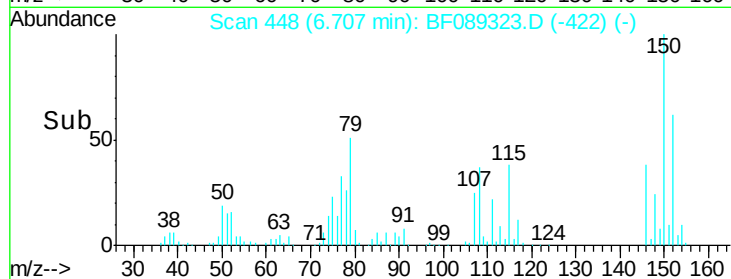
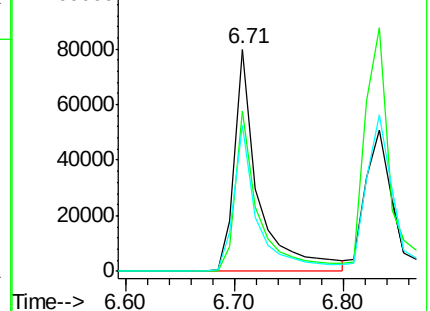
77 65.7 51.7 77.5



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: 52.25 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

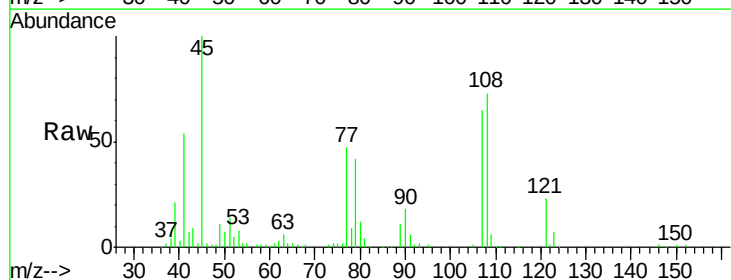
Tgt Ion: 45 Resp: 190879

Ion Ratio Lower Upper

45 100

77 47.0 17.3 57.3

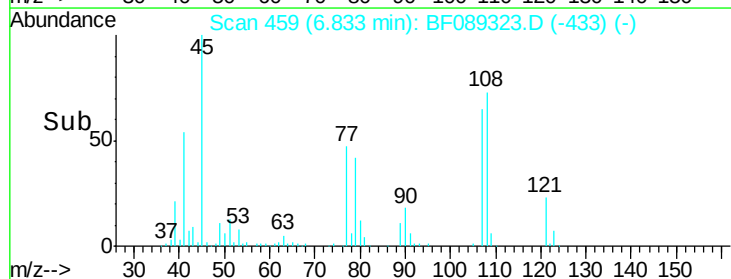
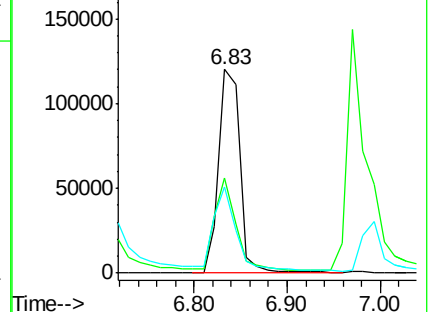
79 42.4 13.9 53.9

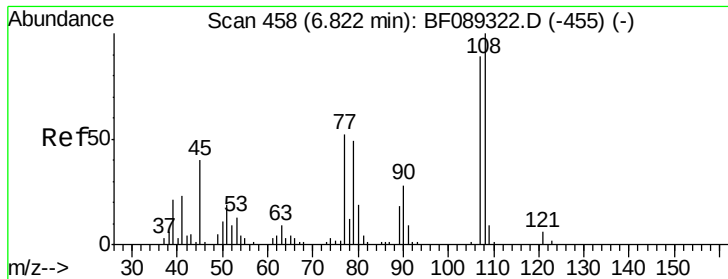


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 48.24 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 119247

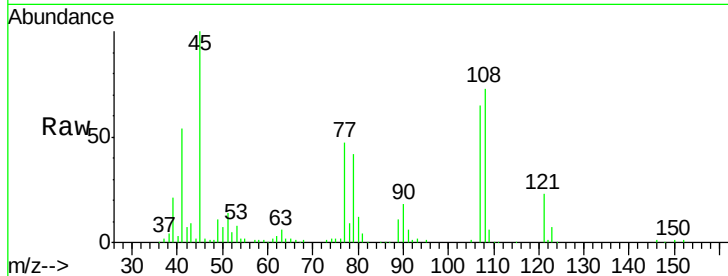
Ion Ratio Lower Upper

107 100

108 112.7 91.4 137.0

77 72.7 48.6 73.0

79 65.6 48.2 72.4

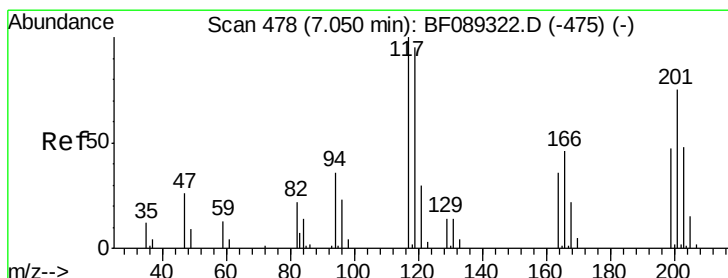
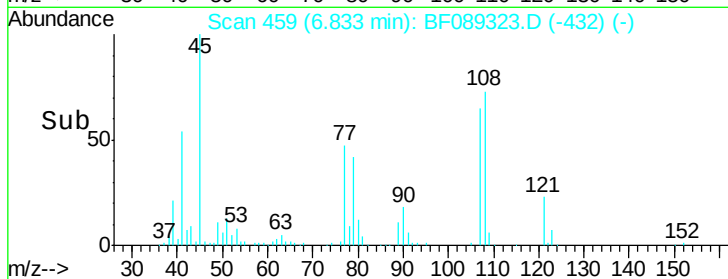
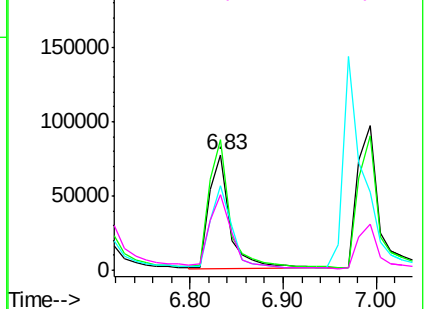


Abundance Ion 107.00 (106.70 to 107.70): E

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: 51.01 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

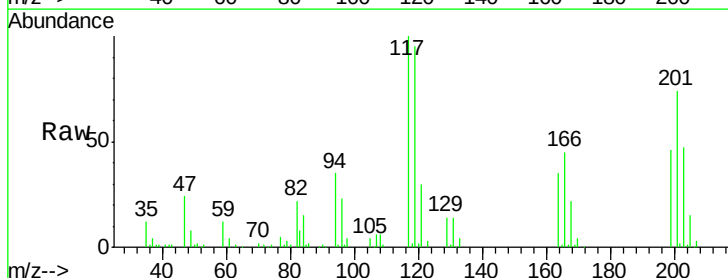
Tgt Ion:117 Resp: 68112

Ion Ratio Lower Upper

117 100

119 94.6 76.0 114.0

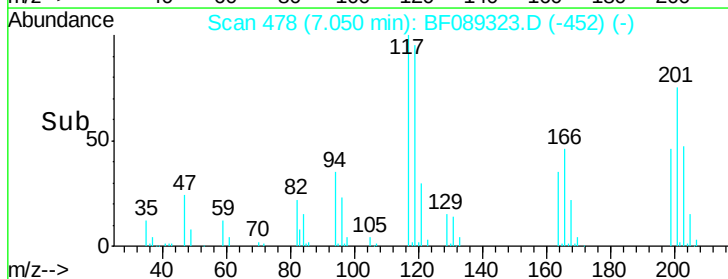
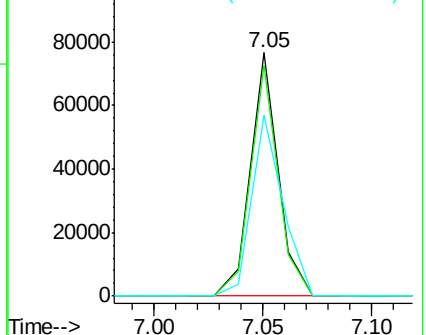
201 74.3 60.0 90.0

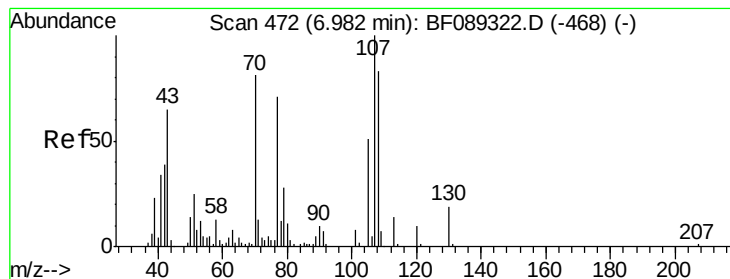


Abundance Ion 117.00 (116.70 to 117.70): E

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: 47.27 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 112092

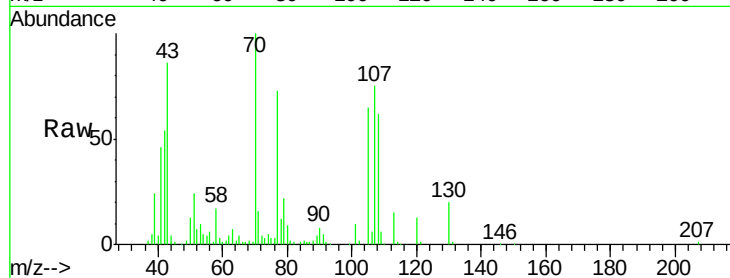
Ion Ratio Lower Upper

70 100

42 53.7 38.6 57.8

101 9.6 8.3 12.5

130 19.6 19.0 28.4

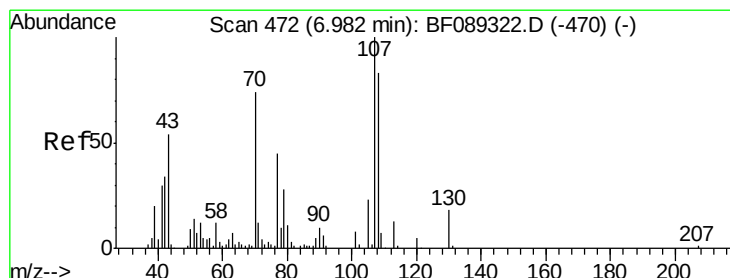
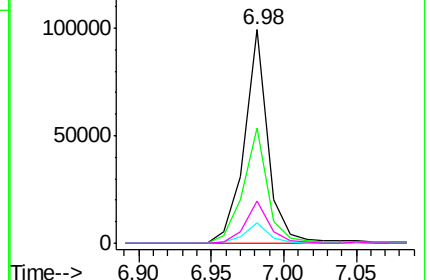
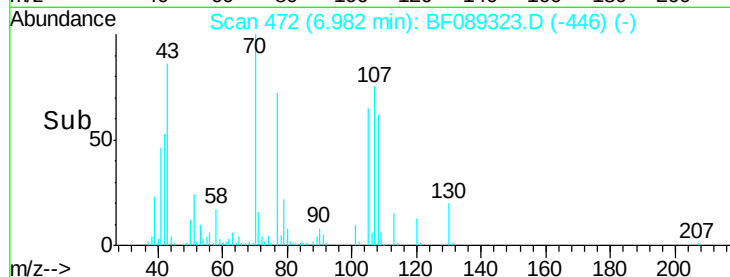


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 47.74 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Tgt Ion: 107 Resp: 160133

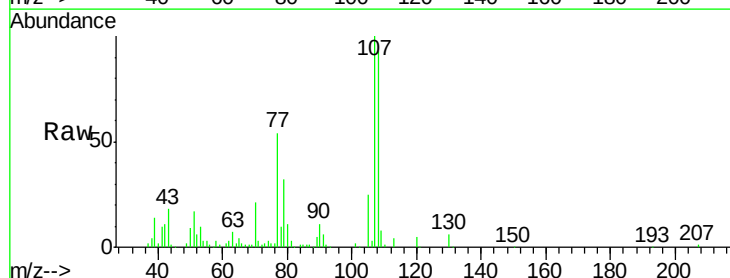
Ion Ratio Lower Upper

107 100

108 93.1 63.3 103.3

77 53.5 51.1 91.1

79 31.6 9.3 49.3

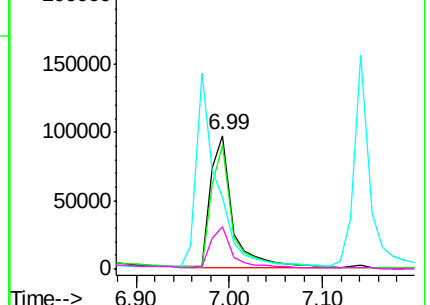
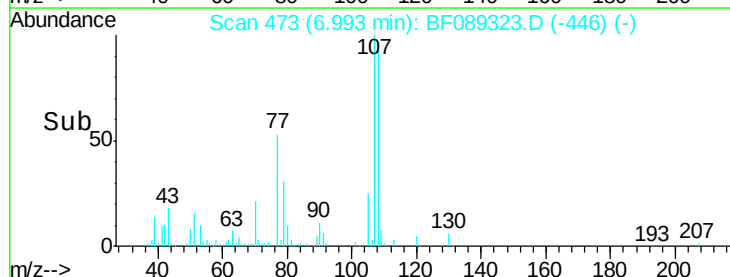


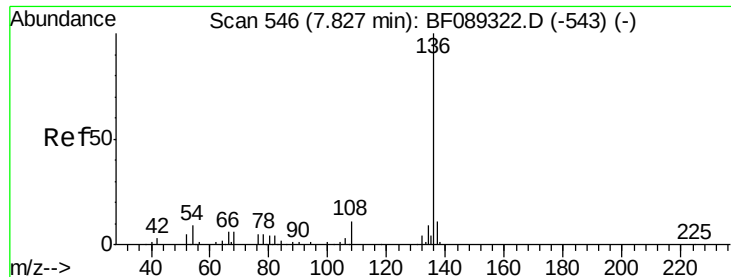
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 188053

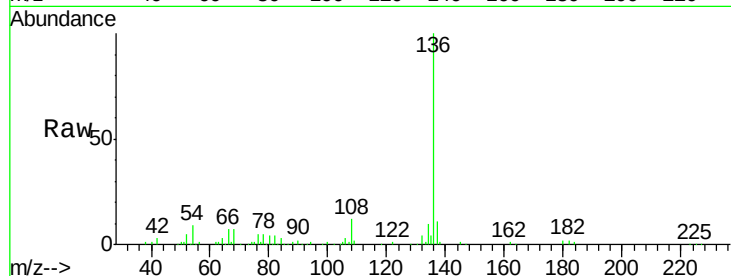
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.1 7.0 10.4

68 6.7 4.9 7.3

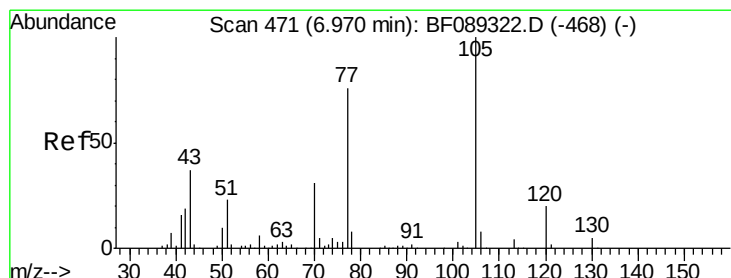
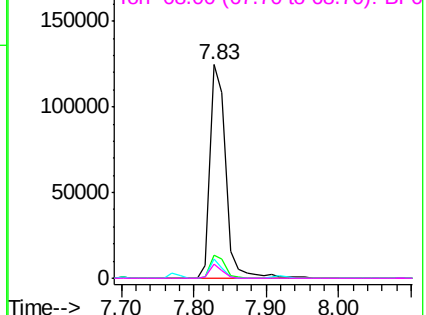
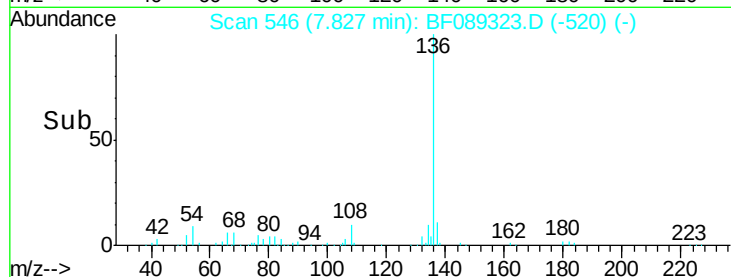


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.89 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Tgt Ion:105 Resp: 231468

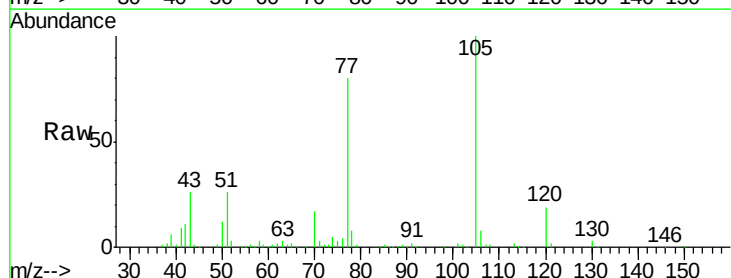
Ion Ratio Lower Upper

105 100

71 3.0 4.2 6.2#

51 26.2 18.7 28.1

120 18.9 15.8 23.6

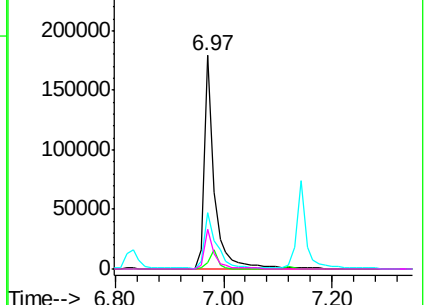
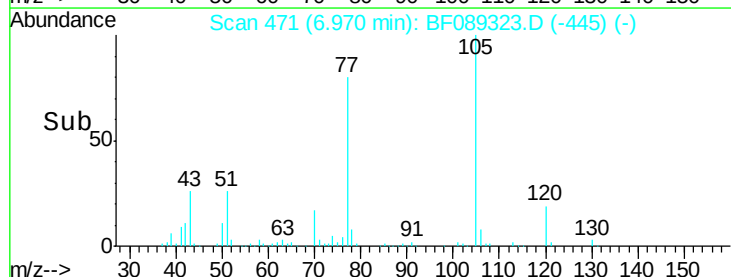


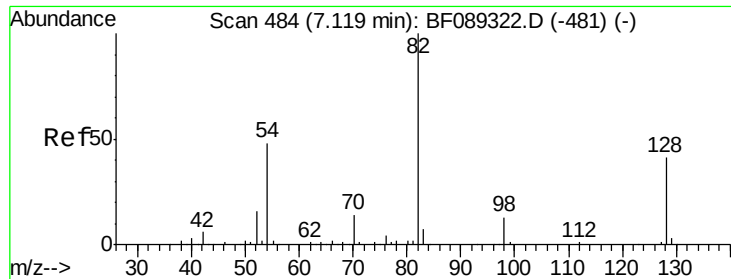
Abundance Ion 105.00 (104.70 to 105.70): E

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

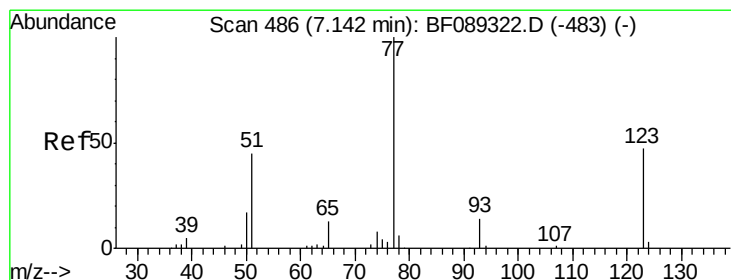
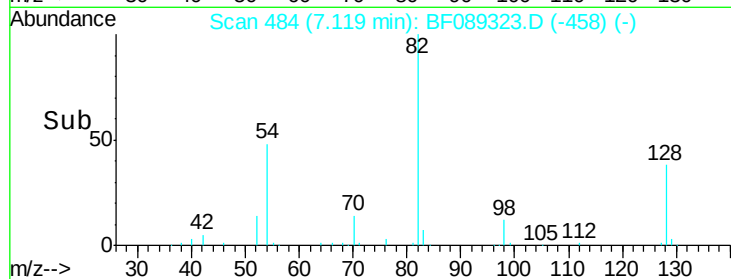
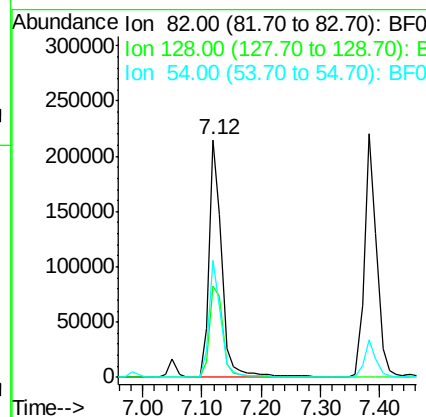
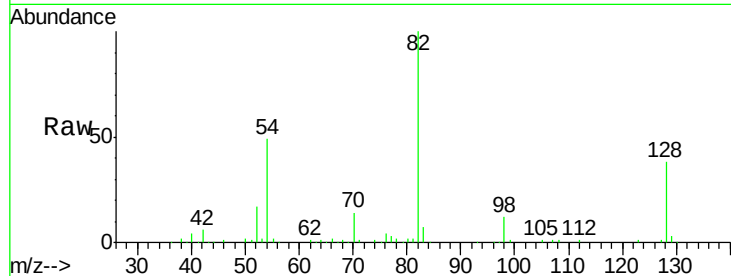




#23
 Nitrobenzene-d5
 Concen: 92.42 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

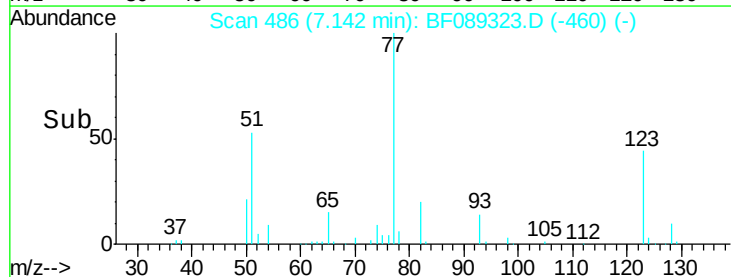
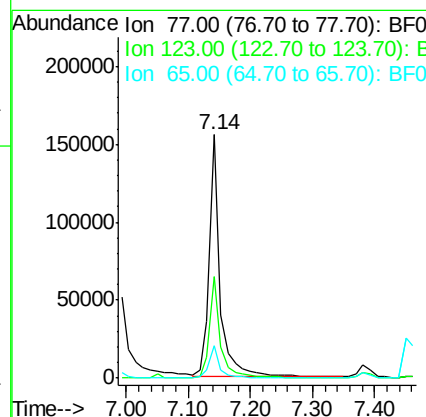
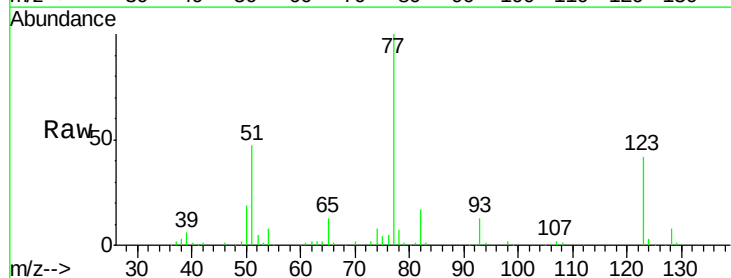
Instrument :
 BNA_F
 ClientSampled :

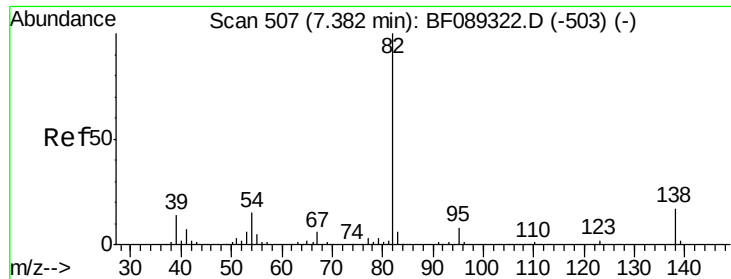
Tot Ion	82	Resp	324758
Ion Ratio	100	Lower	Upper
128	38.4	32.5	48.7
54	49.2	38.8	58.2



#24
 Nitrobenzene
 Concen: 51.79 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion	77	Resp	191274
Ion Ratio	100	Lower	Upper
123	41.9	37.2	55.8
65	13.2	10.2	15.4





#25

Isophorone

Concen: 48.64 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampled :

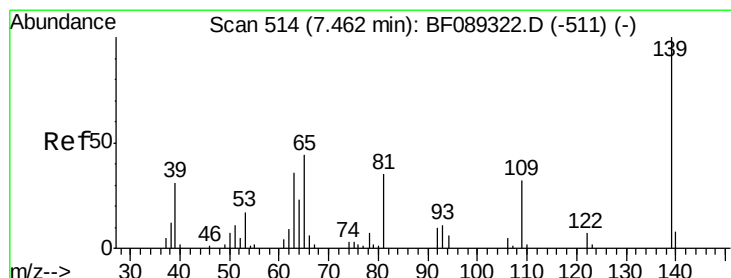
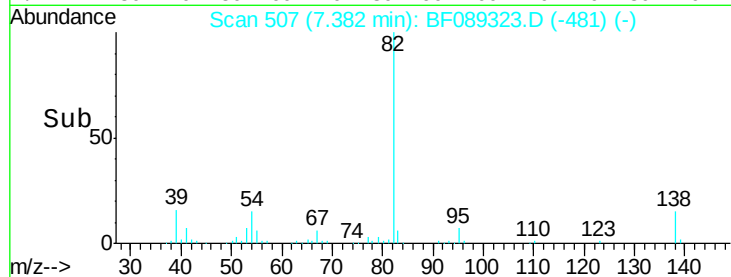
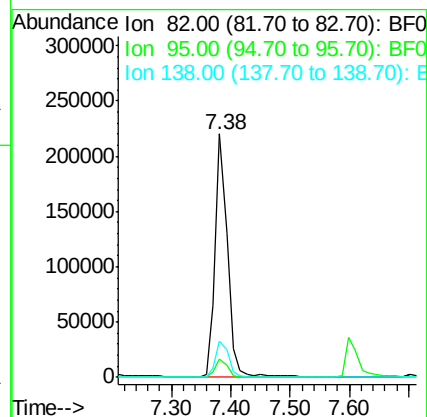
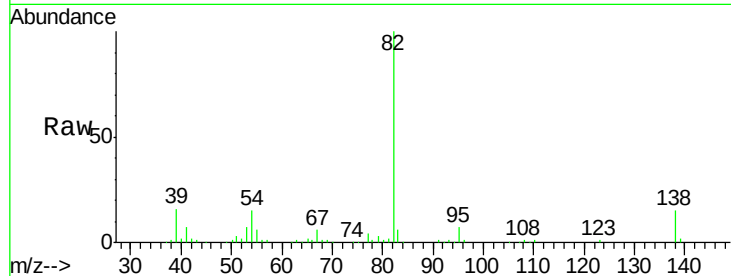
Tot Ion: 82 Resp: 315473

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

138 14.9 13.3 19.9



#26

2-Nitrophenol

Concen: 46.74 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

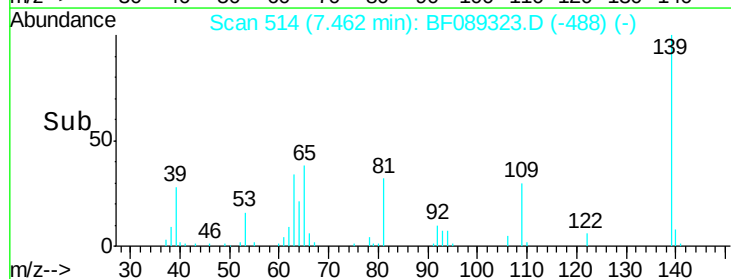
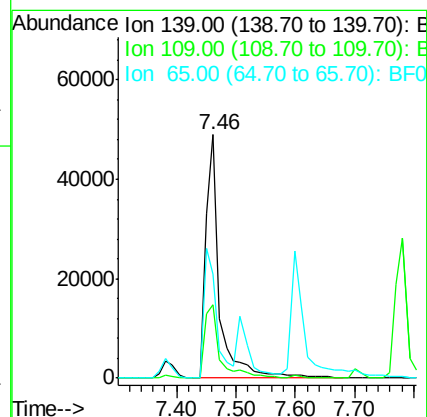
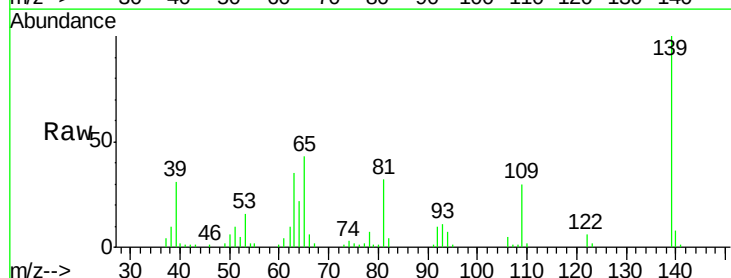
Tgt Ion: 139 Resp: 80679

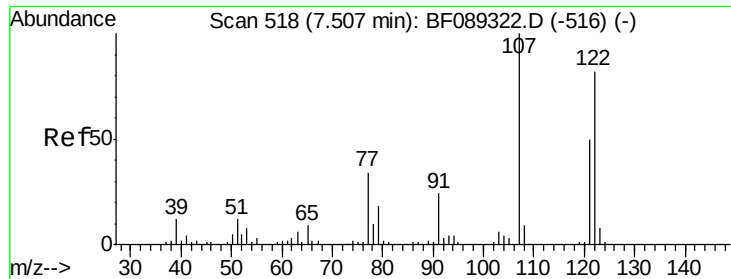
Ion Ratio Lower Upper

139 100

109 29.9 25.8 38.8

65 42.7 35.2 52.8

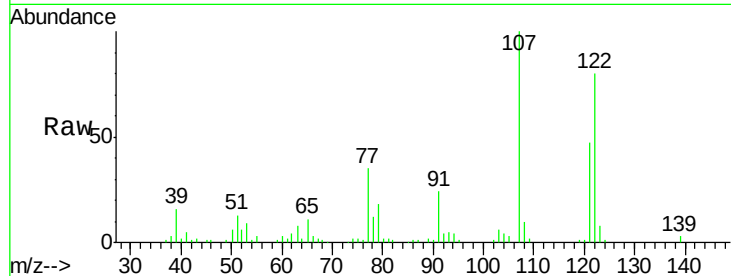




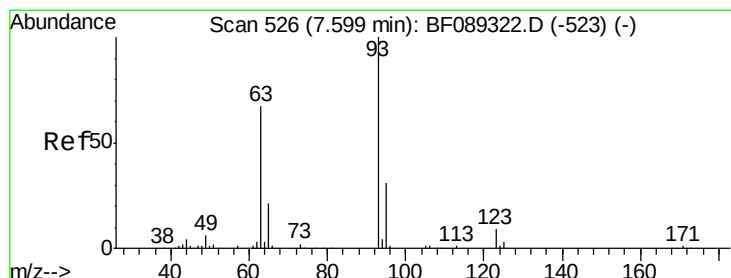
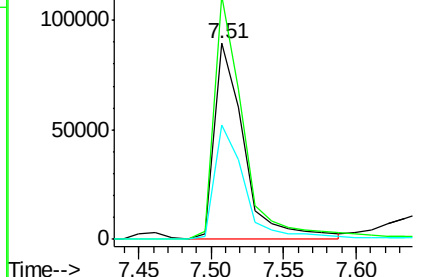
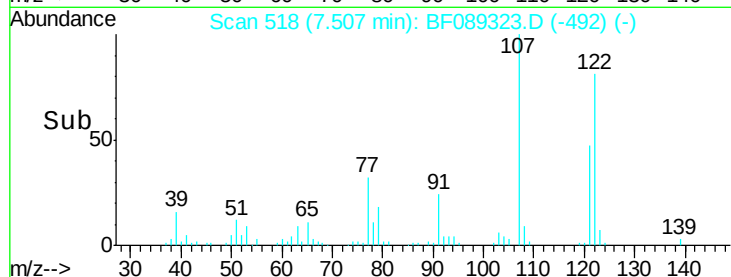
#27
 2,4-Dimethylphenol
 Concen: 43.24 ng
 RT: 7.51 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 125780
 Ion Ratio Lower Upper
 122 100
 107 124.4 97.2 145.8
 121 58.5 48.8 73.2

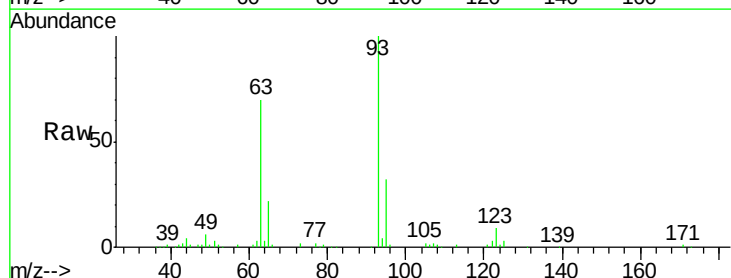


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

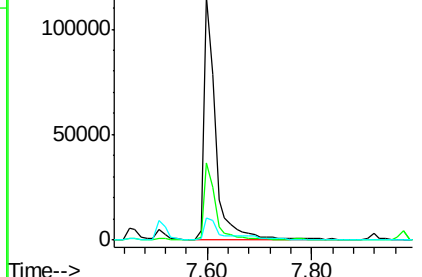
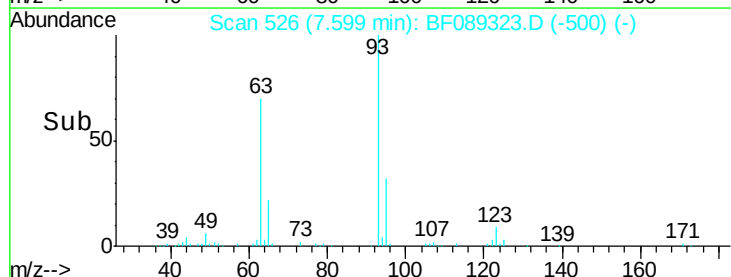


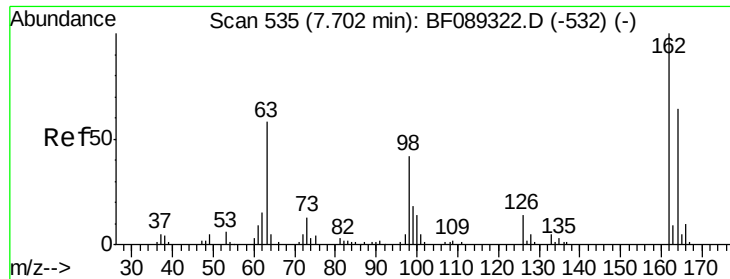
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.14 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion: 93 Resp: 175751
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.7 37.1
 123 9.0 7.5 11.3



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

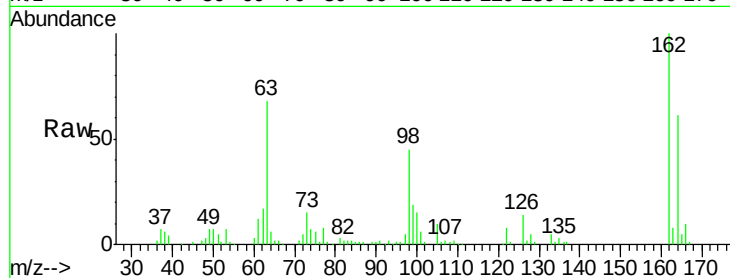




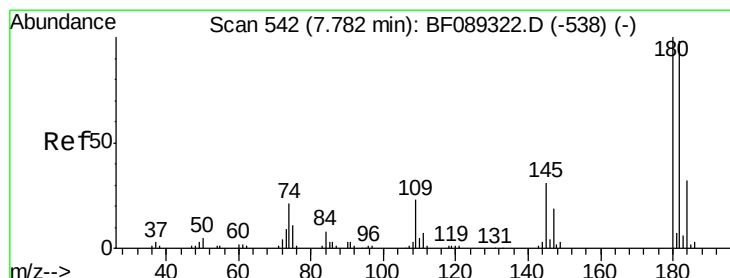
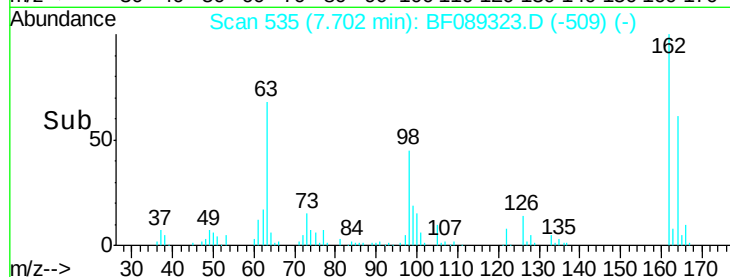
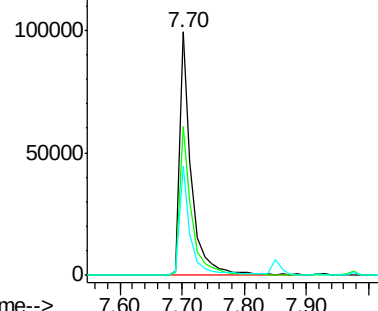
#29
 2,4-Dichlorophenol
 Concen: 48.88 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.2	44.0	84.0
98	44.8	21.8	61.8

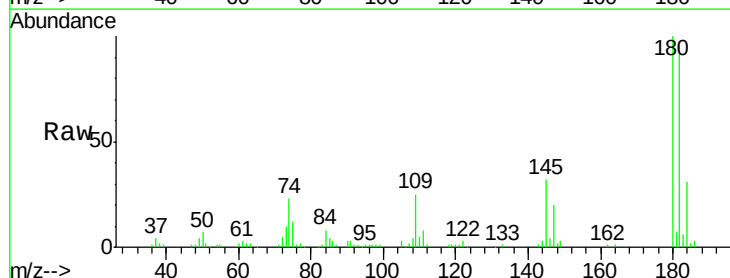


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

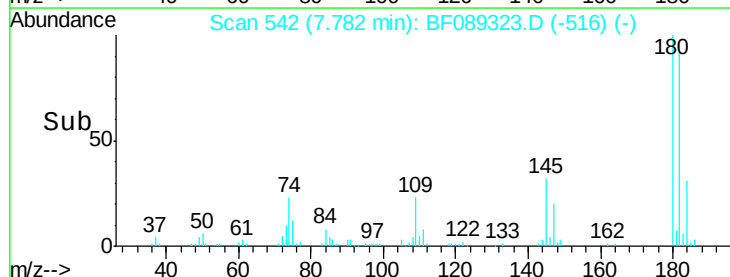
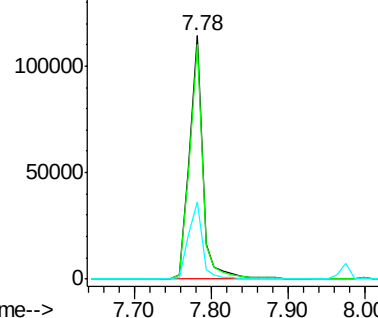


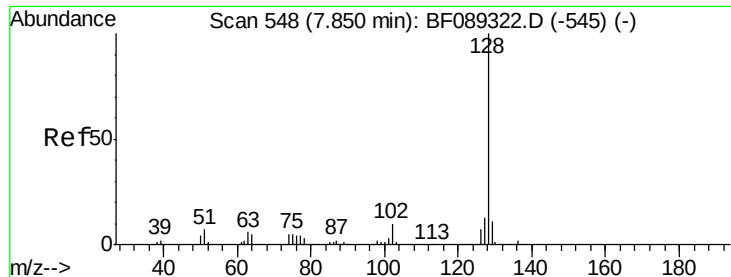
#30
 1,2,4-Trichlorobenzene
 Concen: 47.71 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	78.2	117.2
145	31.8	24.6	36.8



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

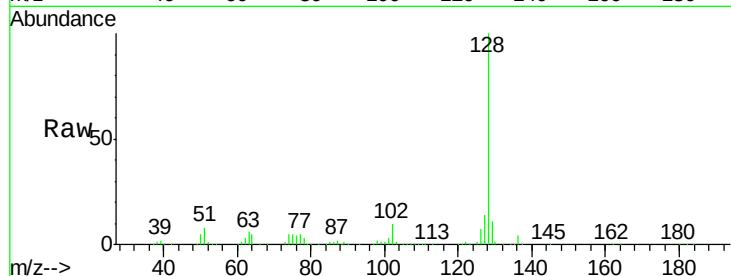




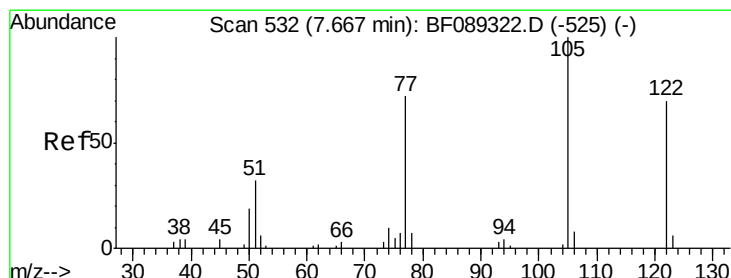
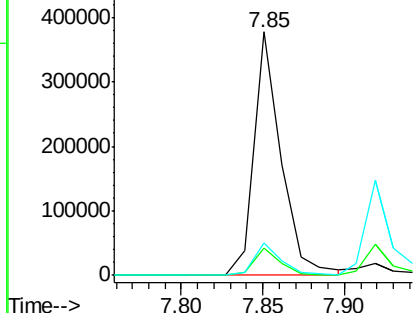
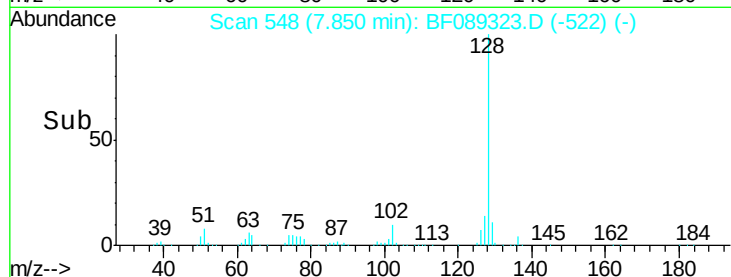
#31
Naphthalene
Concen: 43.53 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 437976
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.8 16.2

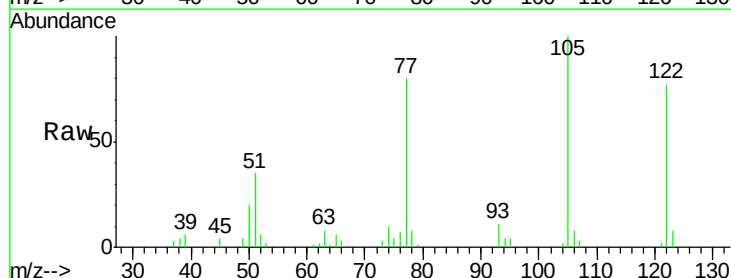


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

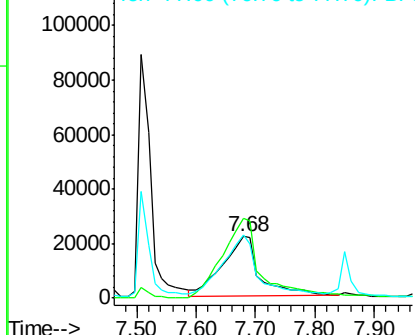
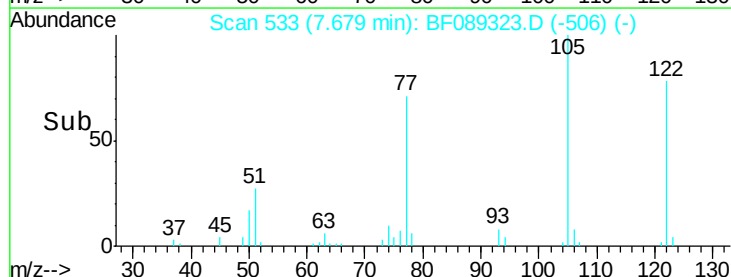


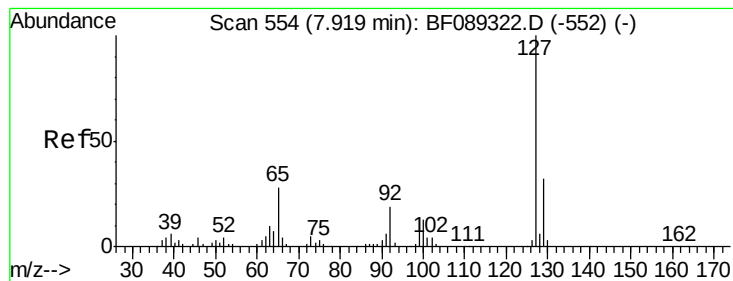
#32
Benzoic acid
Concen: 44.44 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.01 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion:122 Resp: 95919
Ion Ratio Lower Upper
122 100
105 129.9 106.4 146.4
77 103.6 76.4 116.4



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





#33

4-Chloroaniline

Concen: 44.04 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 182839

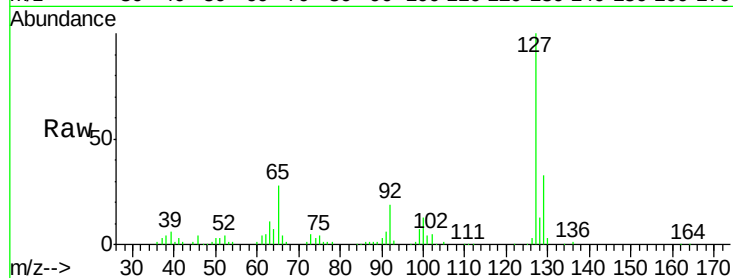
Ion Ratio Lower Upper

127 100

129 32.8 26.1 39.1

65 28.0 22.0 33.0

92 19.1 15.2 22.8

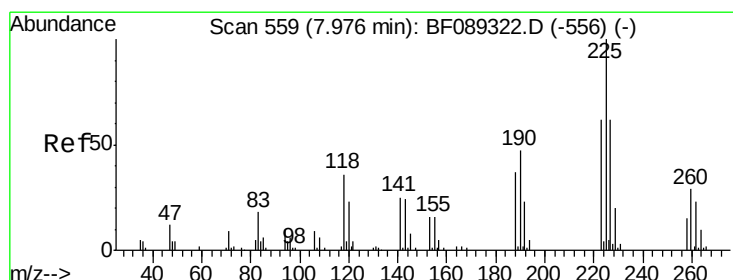
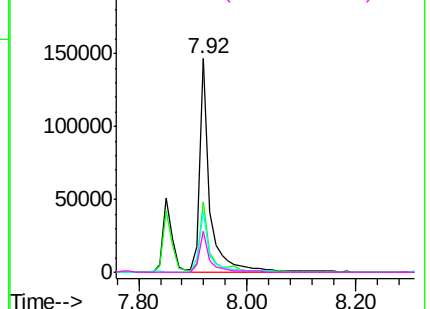
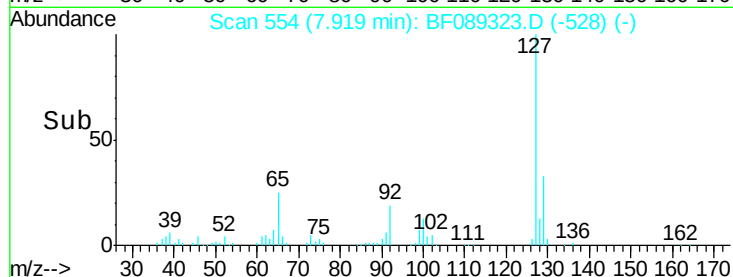


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 48.55 ng

RT: 7.98 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

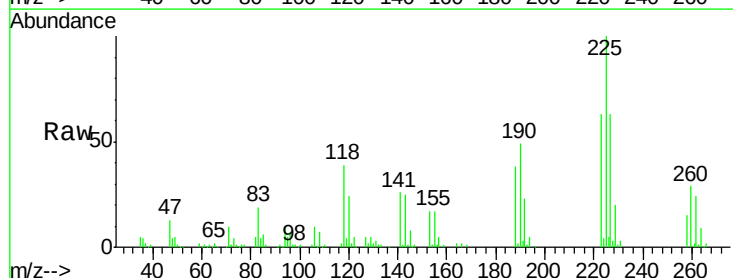
Tgt Ion:225 Resp: 78559

Ion Ratio Lower Upper

225 100

223 62.8 49.8 74.8

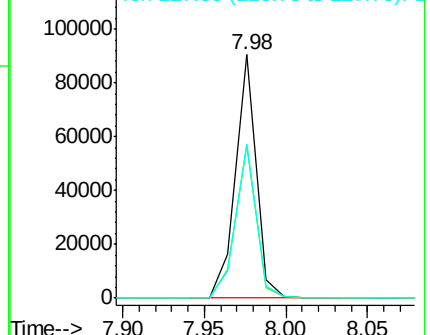
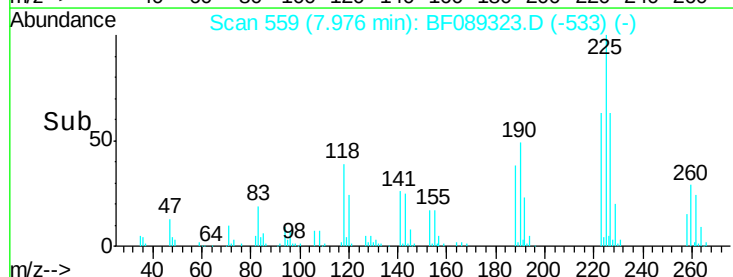
227 63.0 49.4 74.2

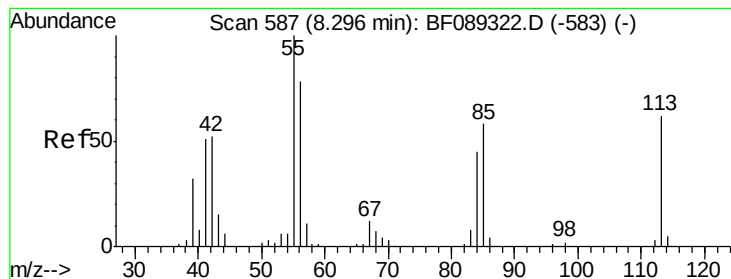


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.86 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampled :

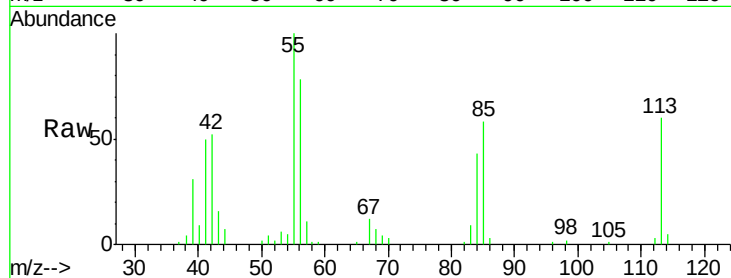
Tot Ion:113 Resp: 36187

Ion Ratio Lower Upper

113 100

55 166.8 142.3 182.3

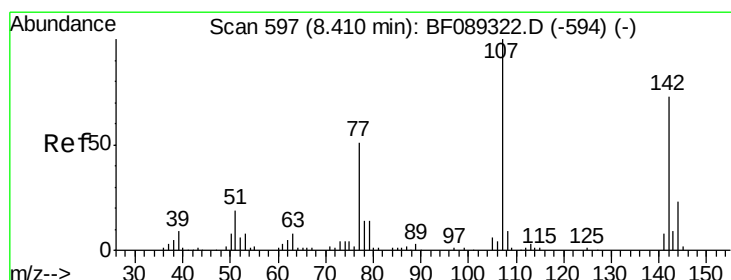
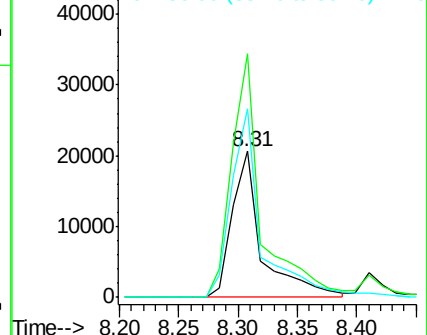
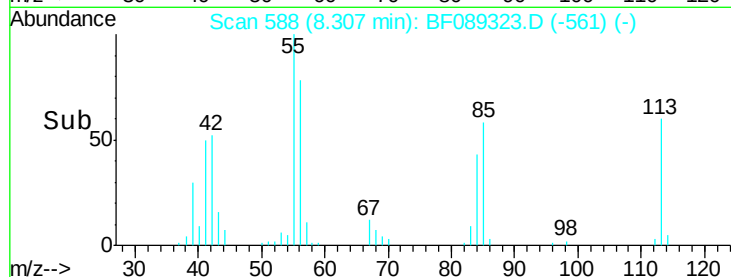
56 129.4 105.8 145.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.44 ng

RT: 8.41 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

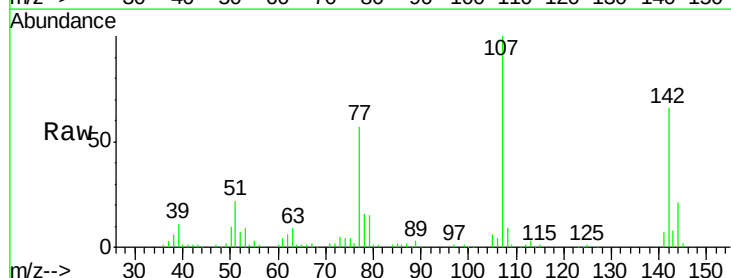
Tgt Ion:107 Resp: 143884

Ion Ratio Lower Upper

107 100

144 21.0 18.4 27.6

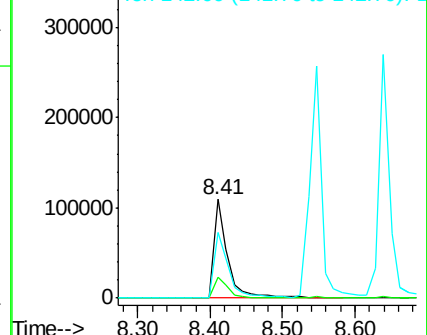
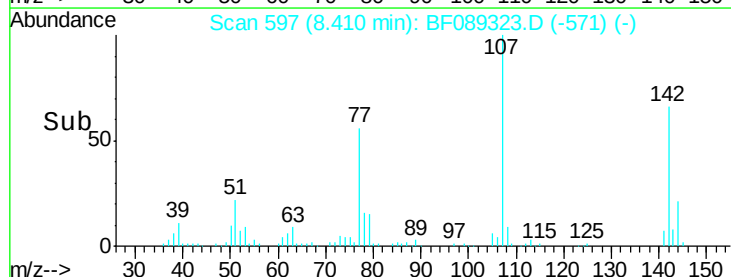
142 66.3 58.6 87.8

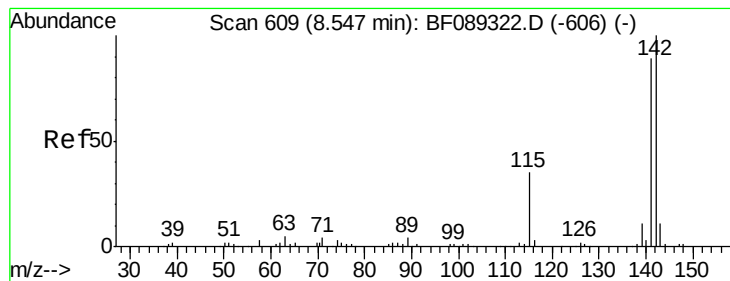


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.05 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

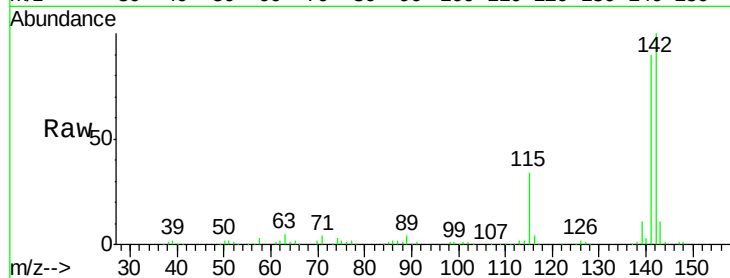
Tot Ion:142 Resp: 290361

Ion Ratio Lower Upper

142 100

141 90.1 70.9 106.3

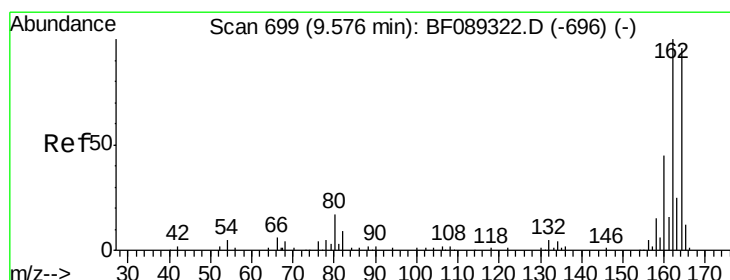
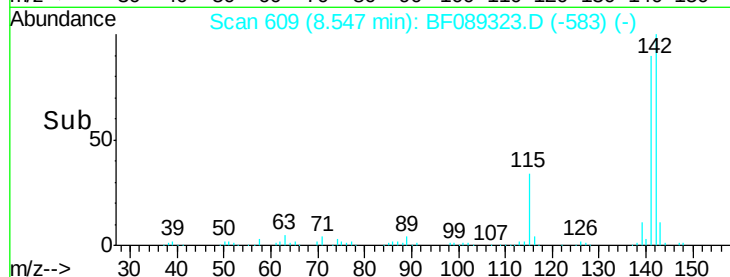
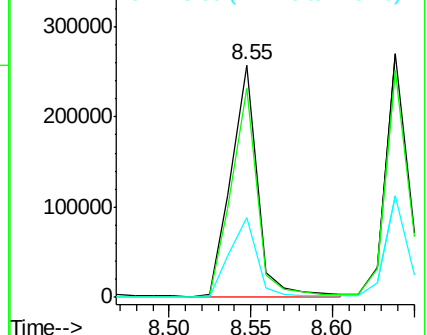
115 34.4 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

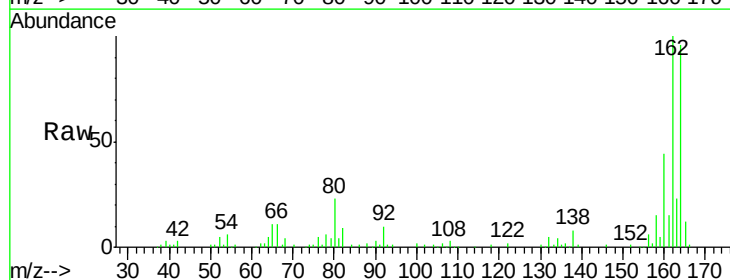
Tgt Ion:164 Resp: 90310

Ion Ratio Lower Upper

164 100

162 104.5 83.7 125.5

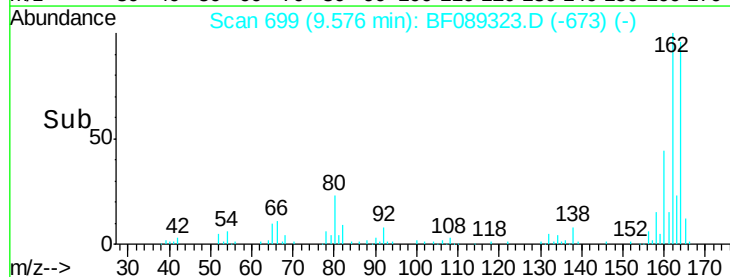
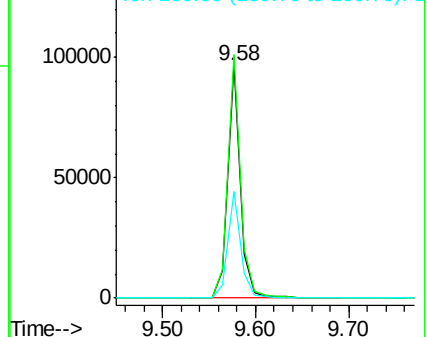
160 45.6 37.8 56.6

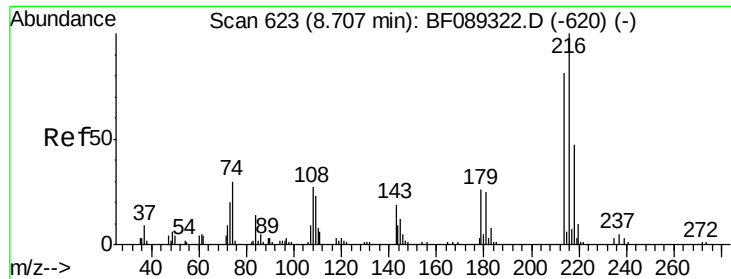


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.42 ng

RT: 8.72 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF089323.D

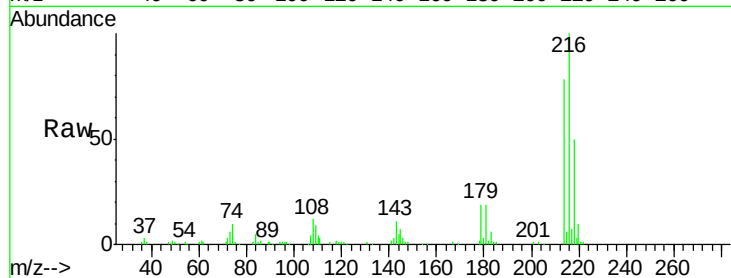
Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:216	Resp:	151155
Ion Ratio	Lower	Upper
216	100	
214	78.5	63.3 94.9
179	22.4	18.1 27.1
108	20.9	17.2 25.8

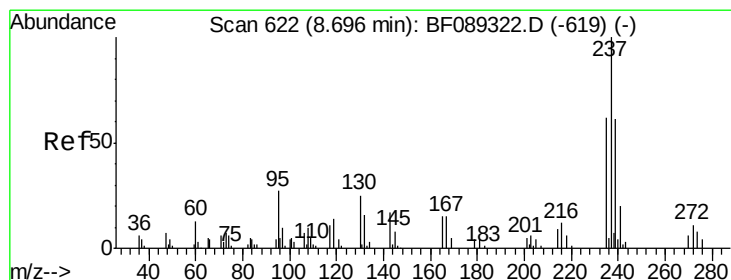
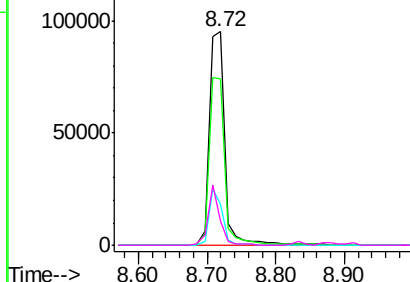
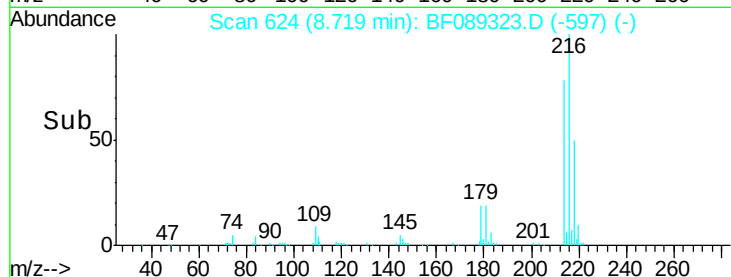


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.63 ng

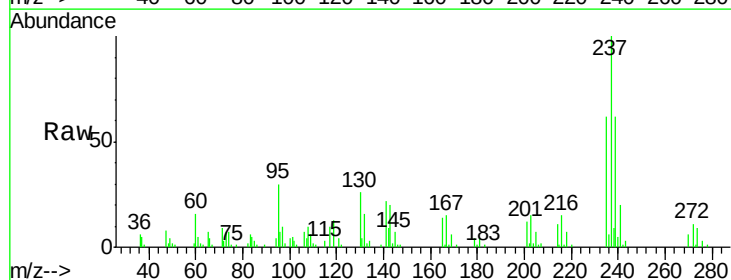
RT: 8.70 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

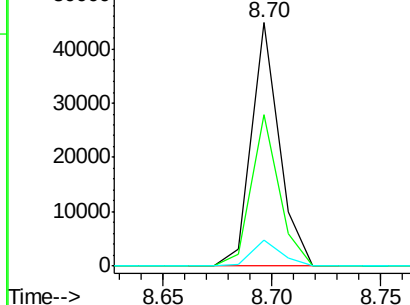
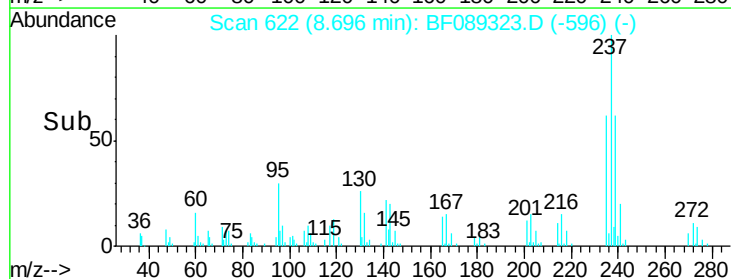
Tgt Ion:237	Resp:	39678
Ion Ratio	Lower	Upper
237	100	
235	62.3	41.6 81.6
272	10.9	0.0 30.8

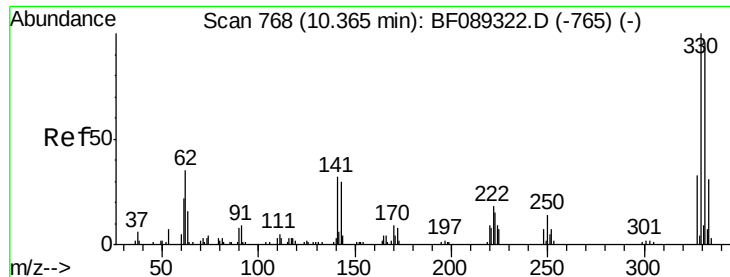


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

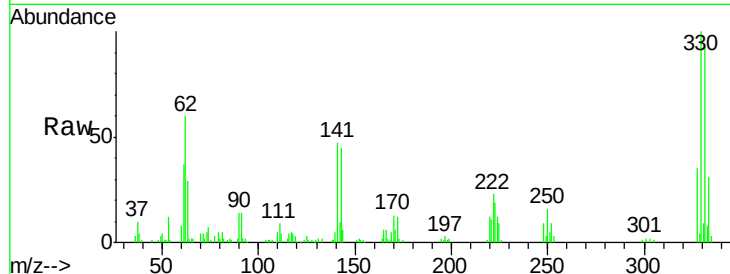




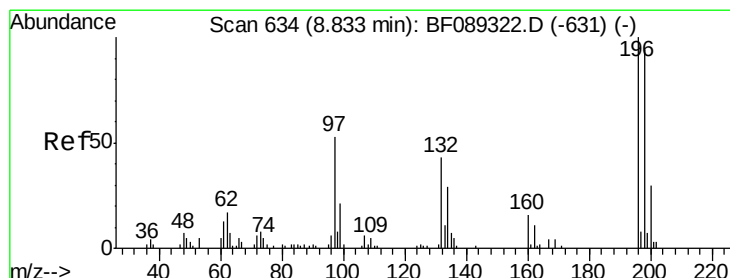
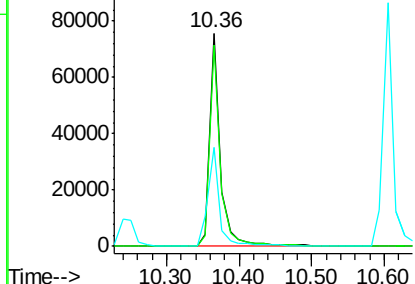
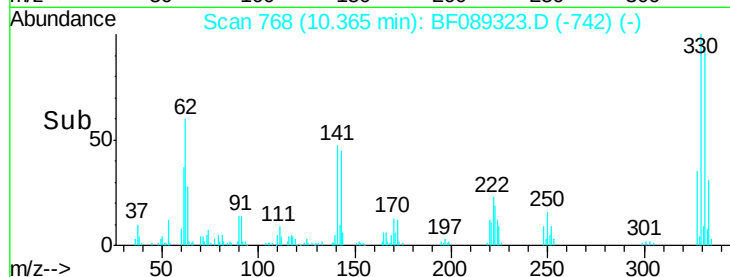
#41
 2,4,6-Tribromophenol
 Concen: 95.97 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 78121
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.8 115.2
 141 51.2 37.3 55.9

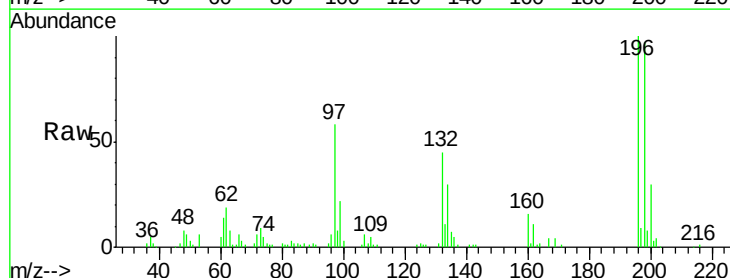


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

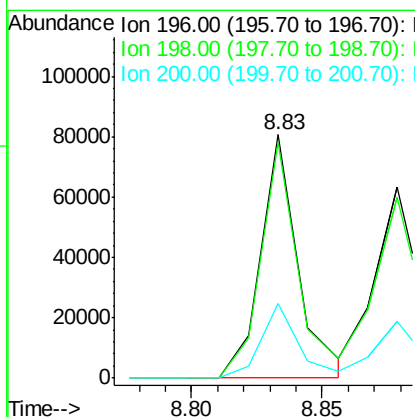
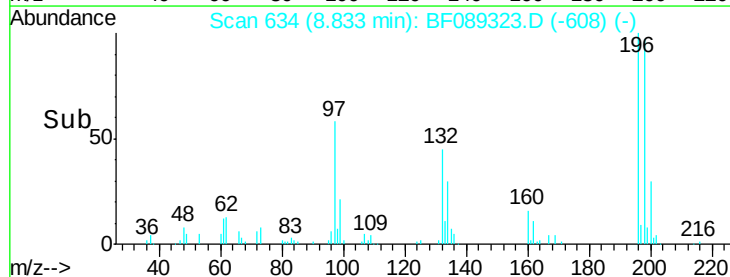


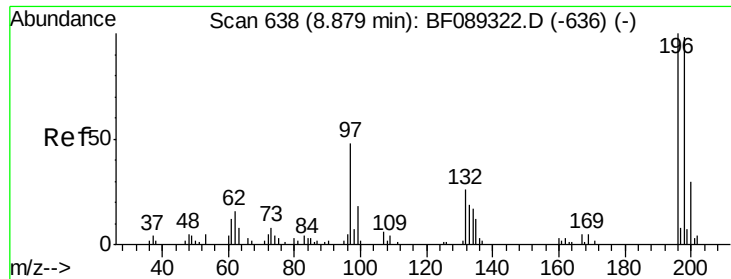
#42
 2,4,6-Trichlorophenol
 Concen: 44.47 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion:196 Resp: 80949
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.5 113.3
 200 30.4 23.9 35.9



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

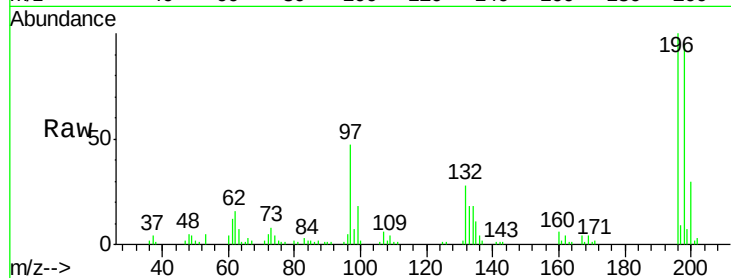




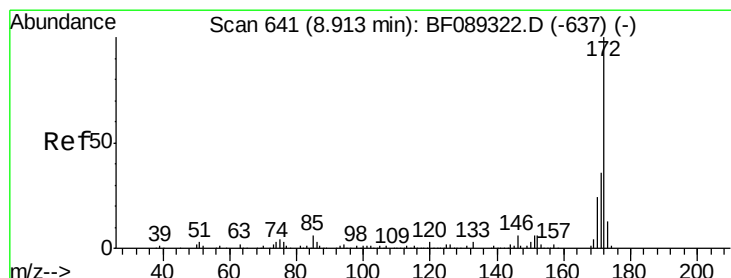
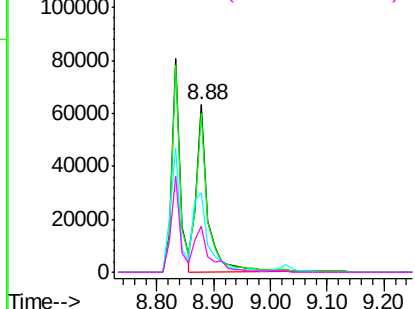
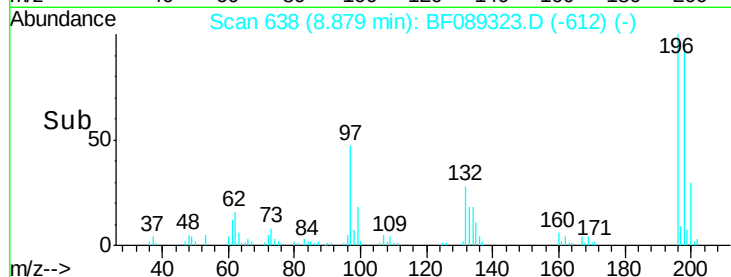
#43
 2,4,5-Trichlorophenol
 Concen: 48.95 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 91201
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.7 118.1
 97 47.2 39.7 59.5
 132 27.9 22.8 34.2

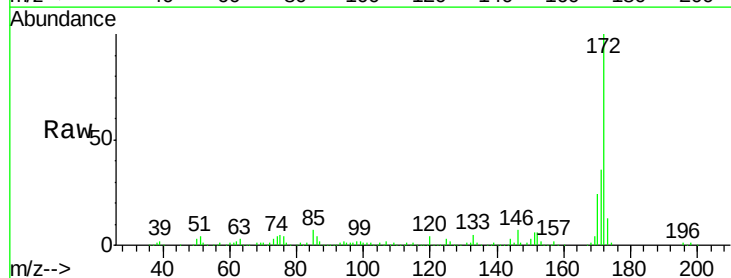


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

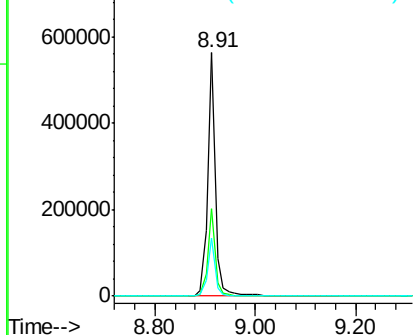
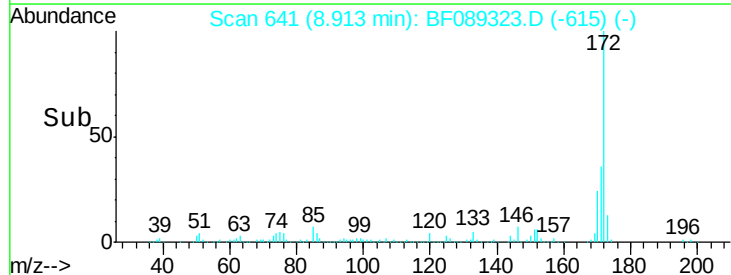


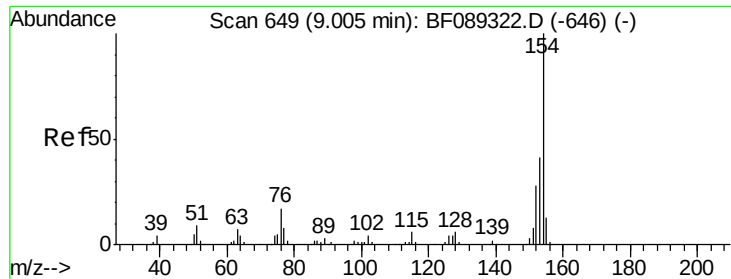
#44
 2-Fluorobiphenyl
 Concen: 93.08 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion:172 Resp: 602455
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.8 19.2 28.8



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

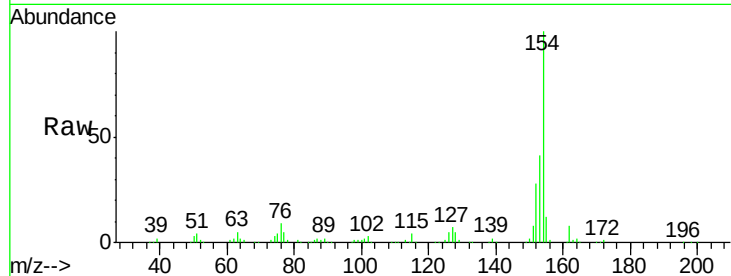




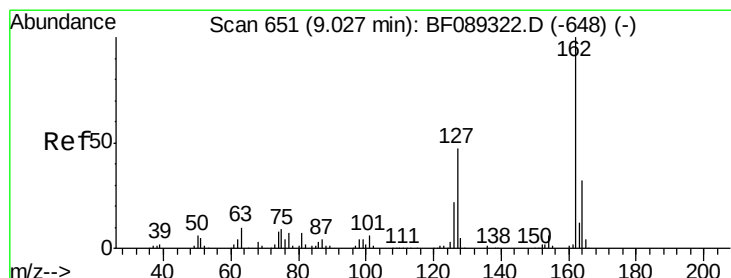
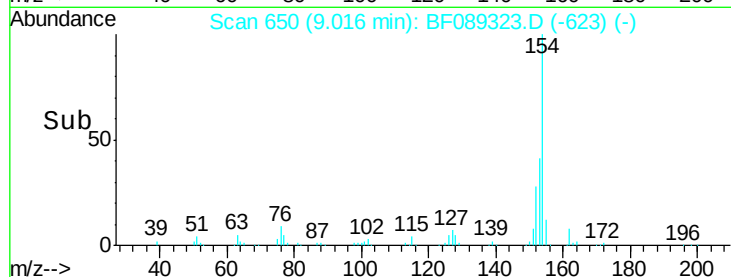
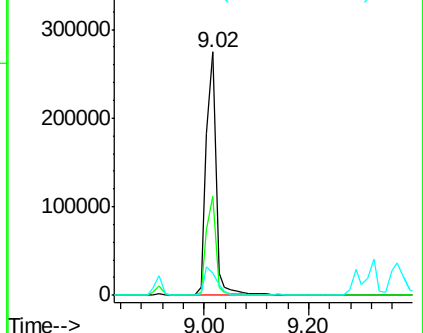
#45
 1,1'-Biphenyl
 Concen: 44.60 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.01 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 360231
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.0 61.0
 76 9.1 0.0 36.6

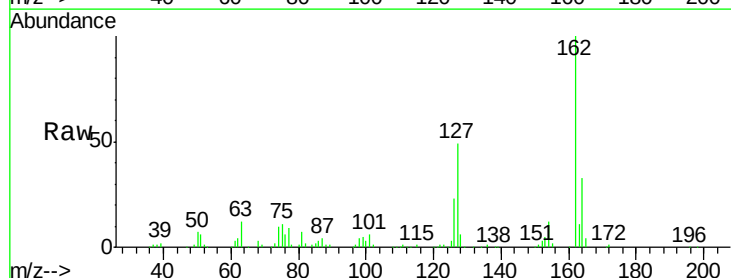


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

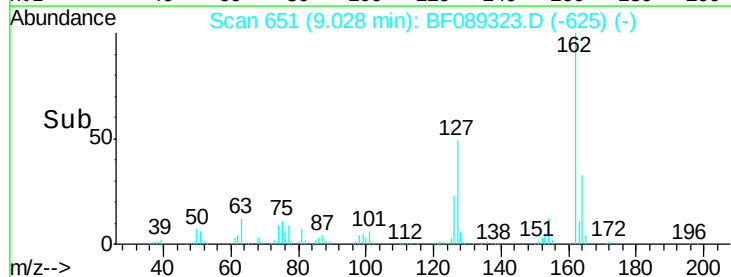
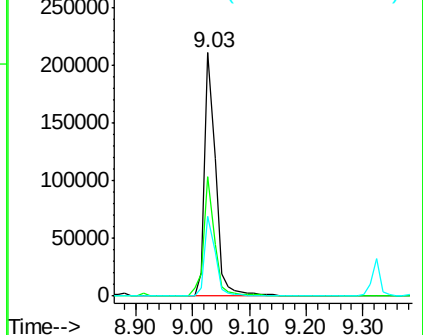


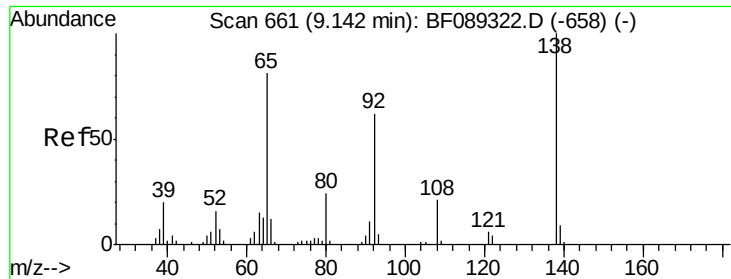
#46
 2-Chloronaphthalene
 Concen: 44.77 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion:162 Resp: 274703
 Ion Ratio Lower Upper
 162 100
 127 48.8 37.8 56.8
 164 32.6 25.8 38.8



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

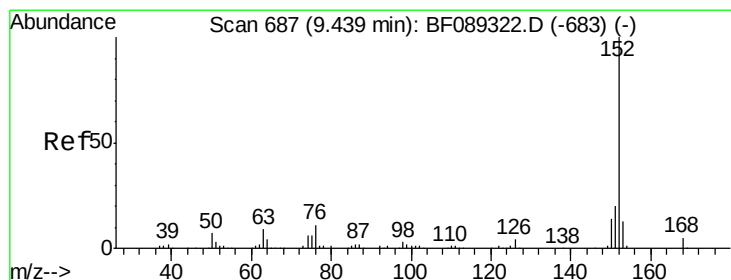
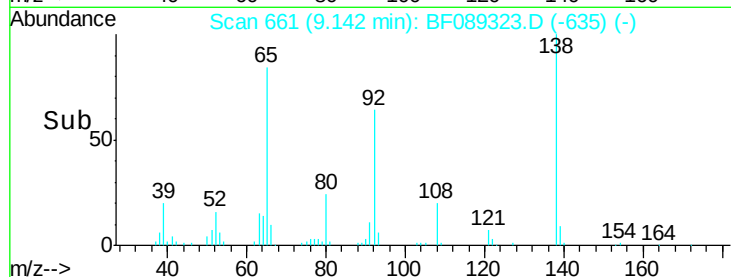
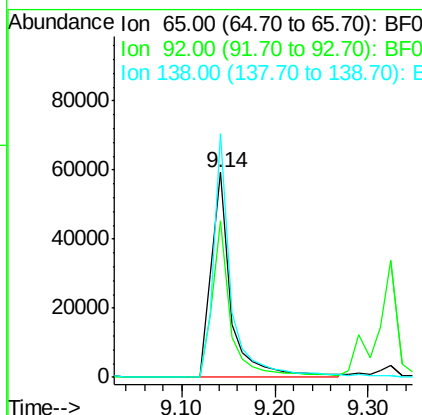
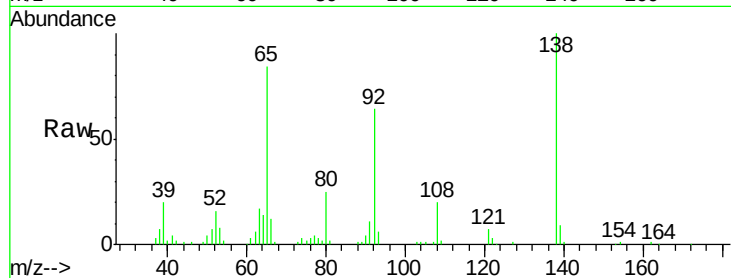




#47
 2-Nitroaniline
 Concen: 42.55 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

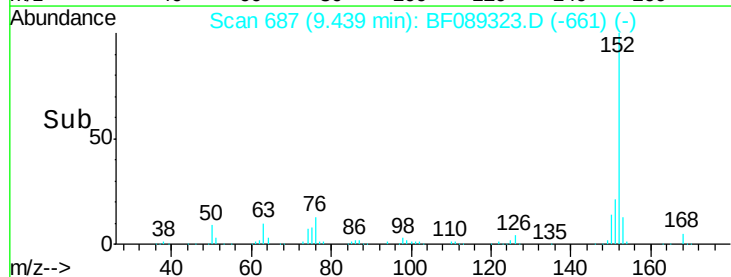
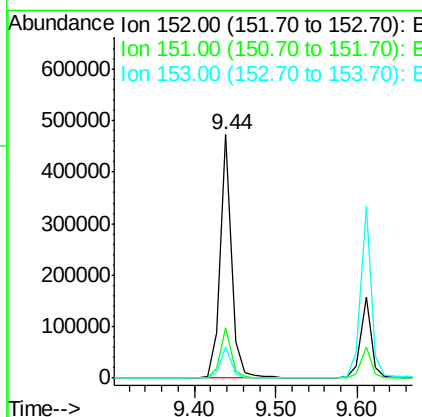
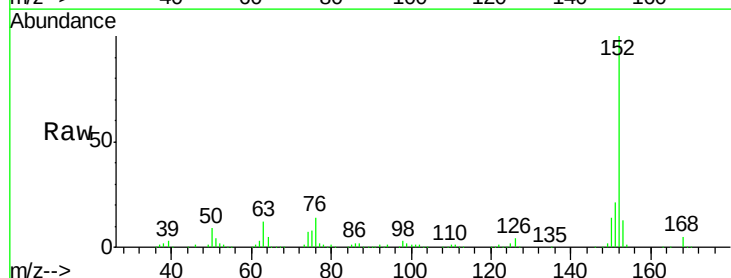
Instrument :
 BNA_F
 ClientSampled :

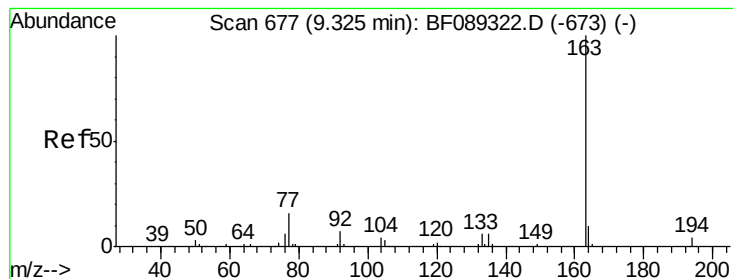
Tot Ion:	65	Resp:	88137
Ion	Ratio	Lower	Upper
65	100		
92	76.2	61.0	91.4
138	118.7	99.1	148.7



#48
 Acenaphthylene
 Concen: 47.02 ng
 RT: 9.44 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion:	152	Resp:	456641
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.2
153	13.0	10.2	15.4





#49

Dimethylphthalate

Concen: 49.09 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampled :

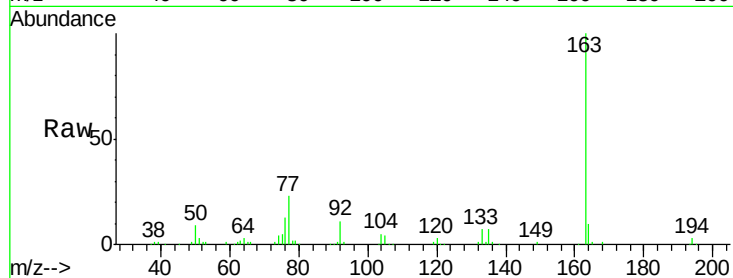
Tot Ion:163 Resp: 337144

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

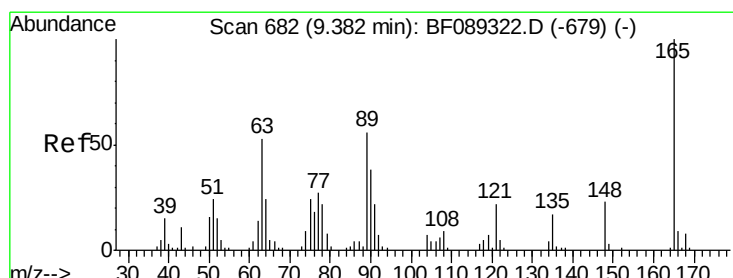
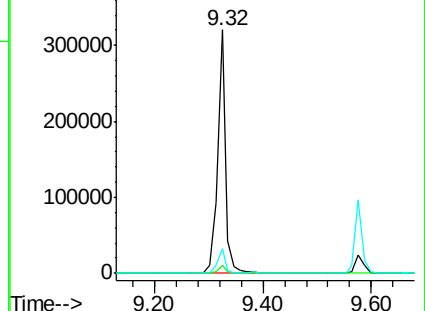
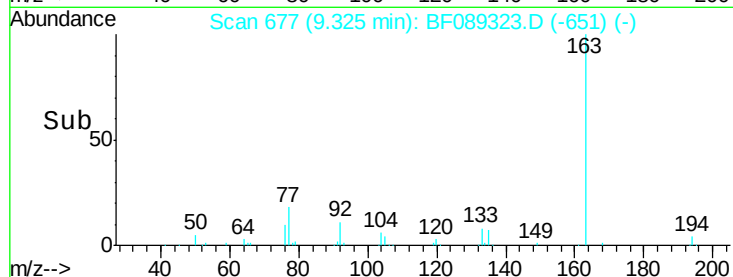
164 10.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.53 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

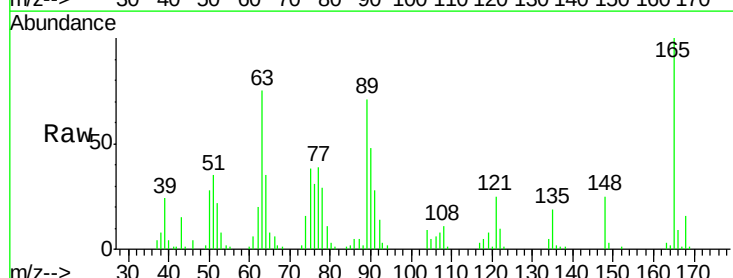
Tgt Ion:165 Resp: 70199

Ion Ratio Lower Upper

165 100

63 75.0 43.5 65.3#

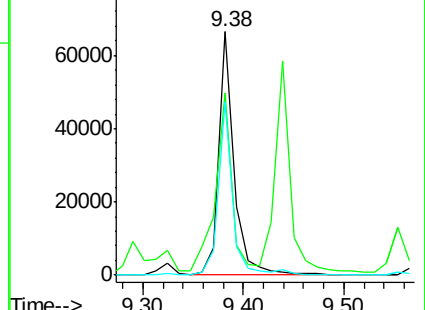
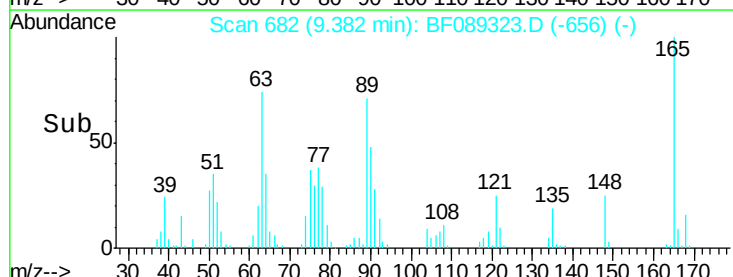
89 71.3 45.0 67.4#

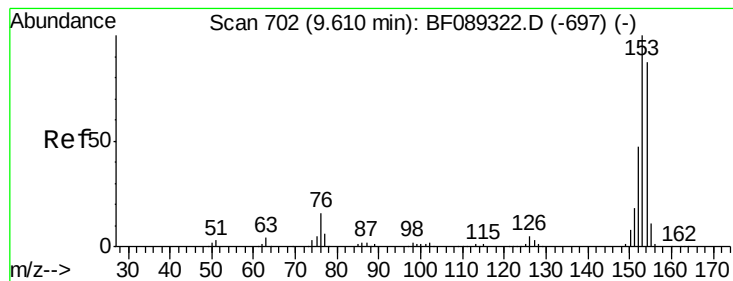


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.78 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

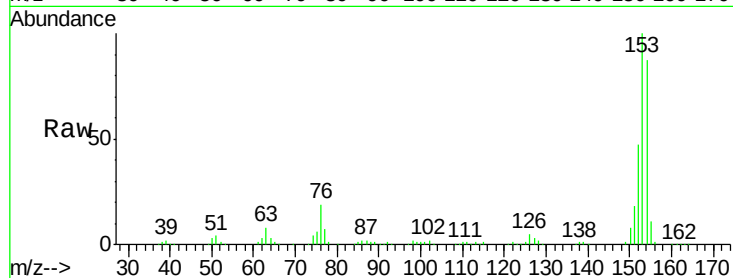
Tot Ion:154 Resp: 267151

Ion Ratio Lower Upper

154 100

153 114.5 91.4 137.2

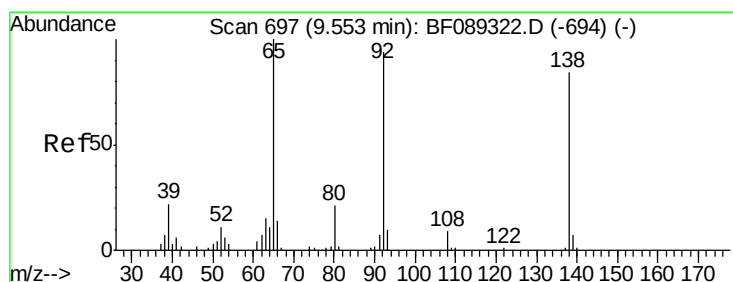
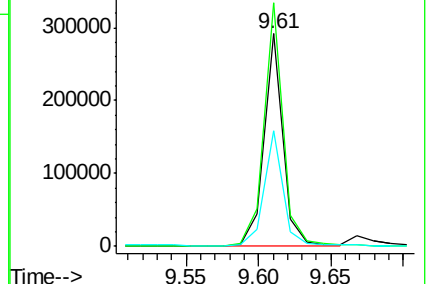
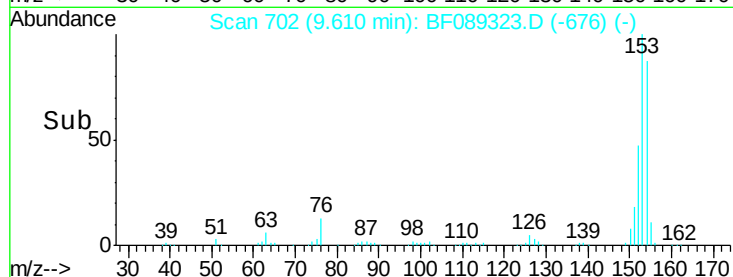
152 54.2 43.8 65.6



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: 44.26 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

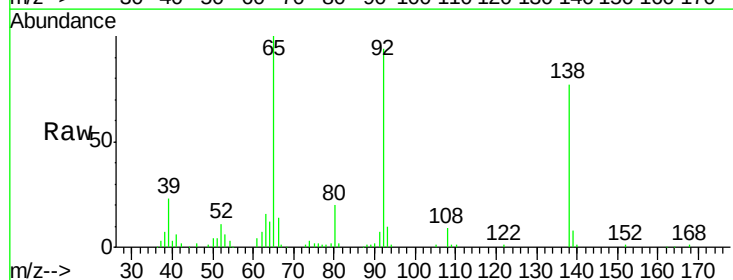
Tgt Ion:138 Resp: 79318

Ion Ratio Lower Upper

138 100

108 11.3 8.6 13.0

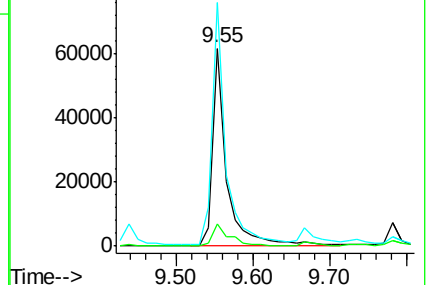
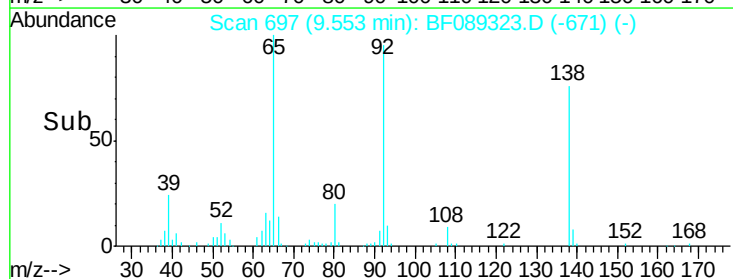
92 123.2 90.0 135.0

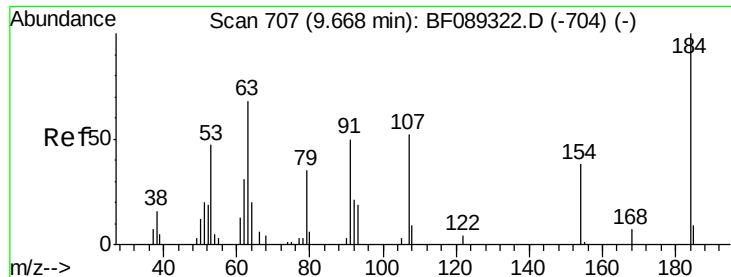


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

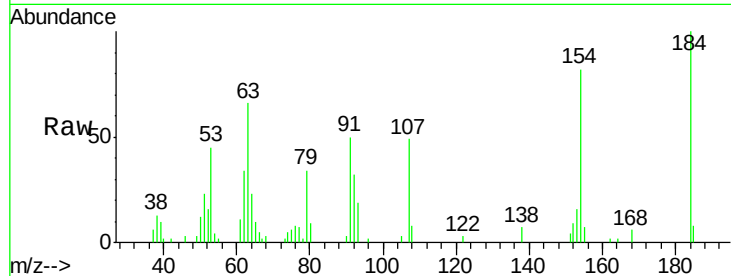




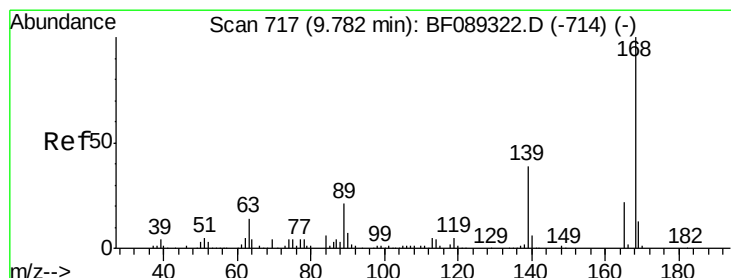
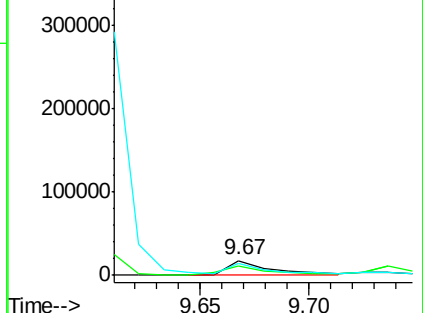
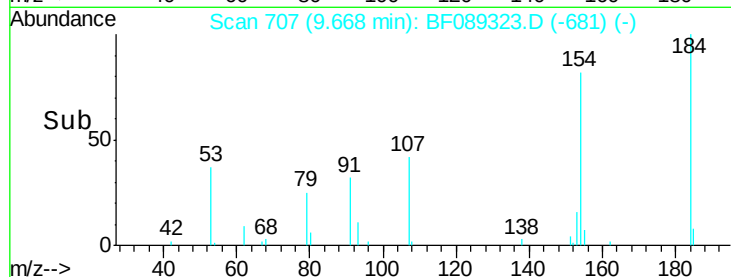
#53
 2,4-Dinitrophenol
 Concen: 42.73 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	184	Resp	25292
Ion Ratio	Lower	Upper	
184	100		
63	66.5	60.6	90.8
154	82.2	69.8	104.8

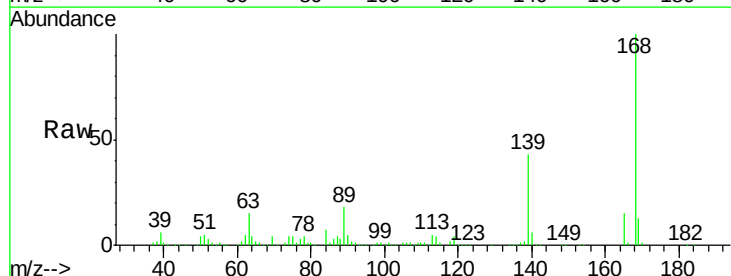


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

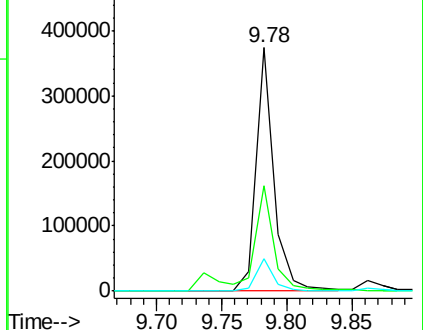
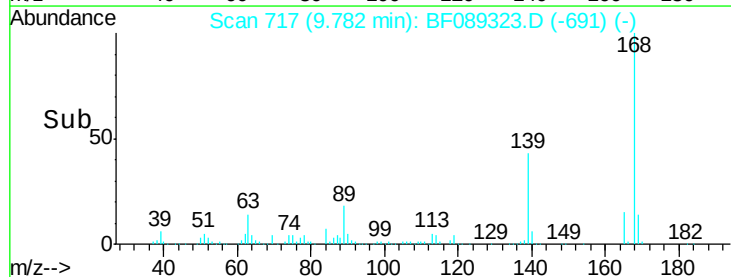


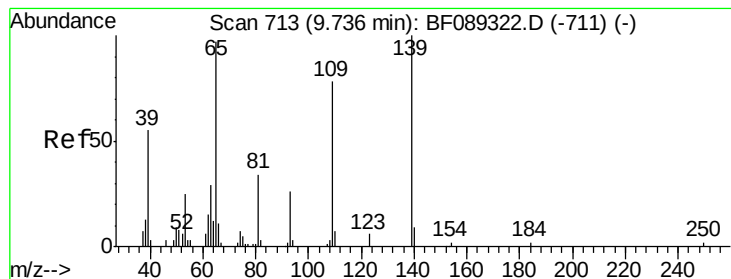
#54
 Dibenzofuran
 Concen: 46.85 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion	168	Resp	360507
Ion Ratio	Lower	Upper	
168	100		
139	43.1	33.7	50.5
169	13.5	10.7	16.1



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: 34.56 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

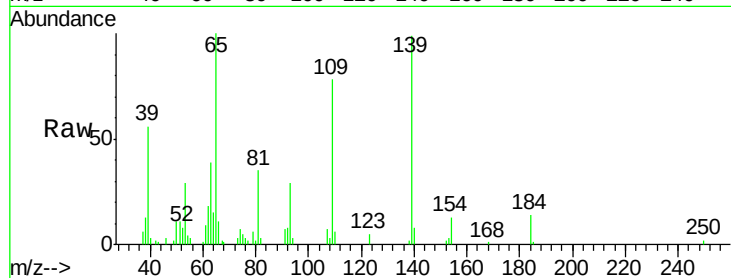
Tot Ion:139 Resp: 35804

Ion Ratio Lower Upper

139 100

109 78.5 57.8 97.8

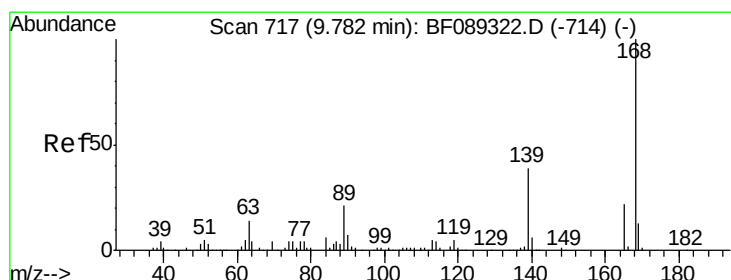
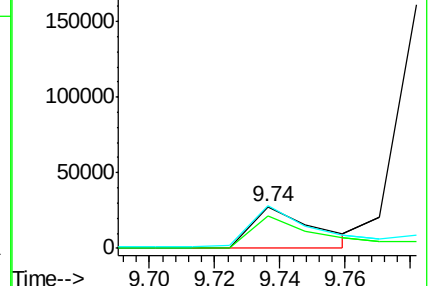
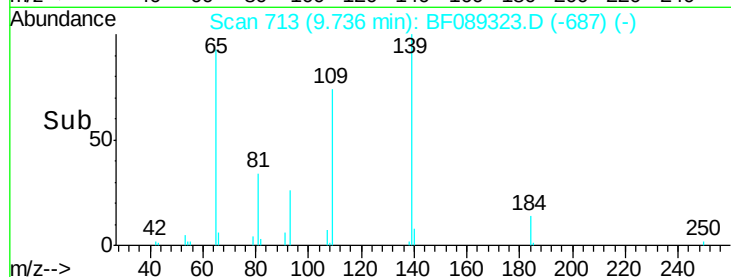
65 101.0 81.7 121.7



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: 46.15 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Tgt Ion:165 Resp: 92323

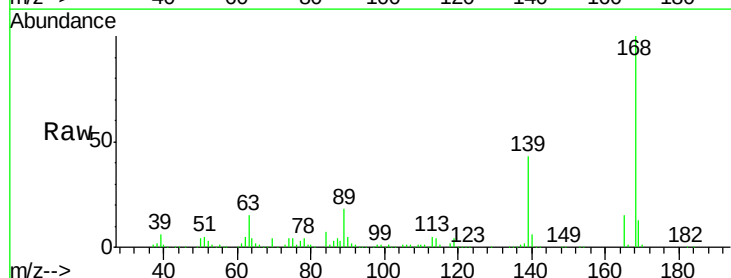
Ion Ratio Lower Upper

165 100

63 100.5 58.2 87.2#

89 121.5 79.1 118.7#

182 2.5 1.8 2.8

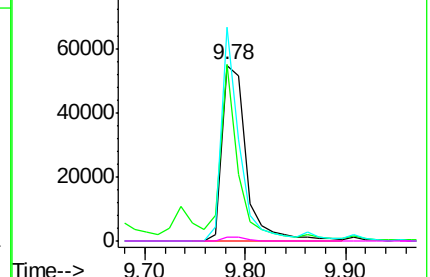
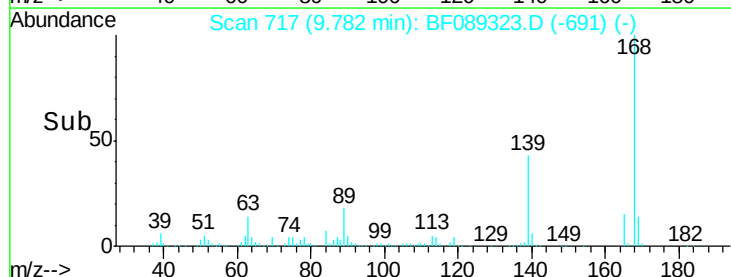


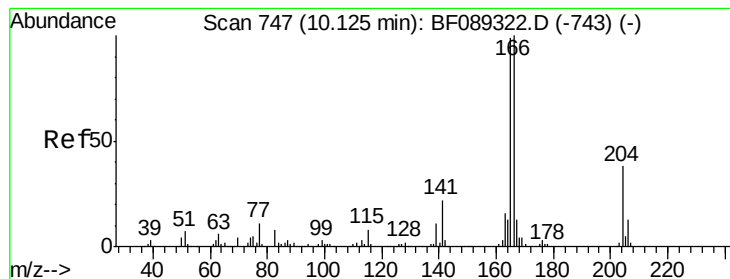
Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.39 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampled :

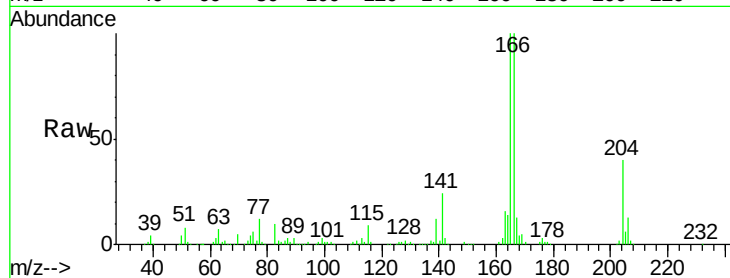
Tot Ion:166 Resp: 318622

Ion Ratio Lower Upper

166 100

165 100.4 79.0 118.4

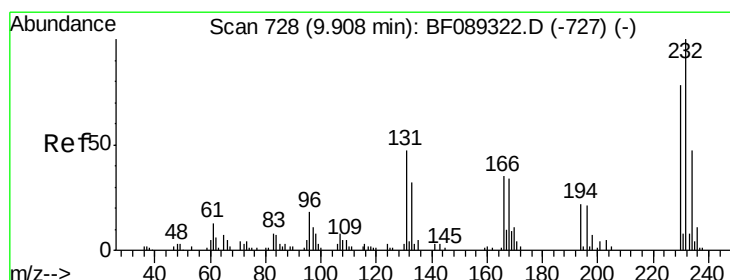
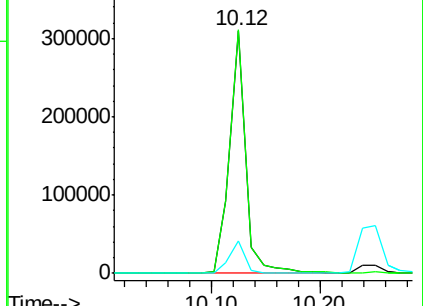
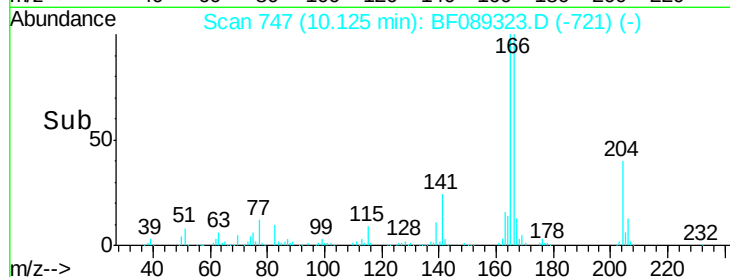
167 13.5 10.2 15.2



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: 53.27 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Tgt Ion:232 Resp: 71500

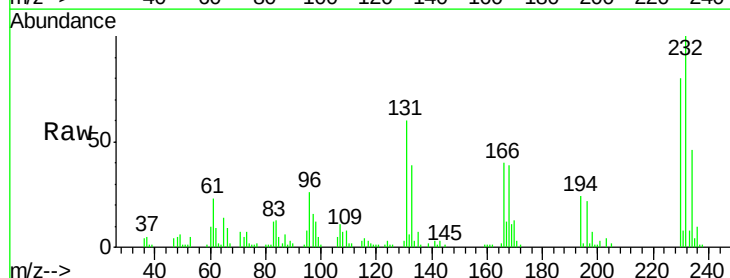
Ion Ratio Lower Upper

232 100

131 51.3 42.7 64.1

130 2.2 1.7 2.5

166 31.8 25.7 38.5

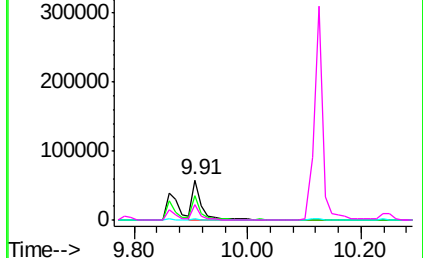
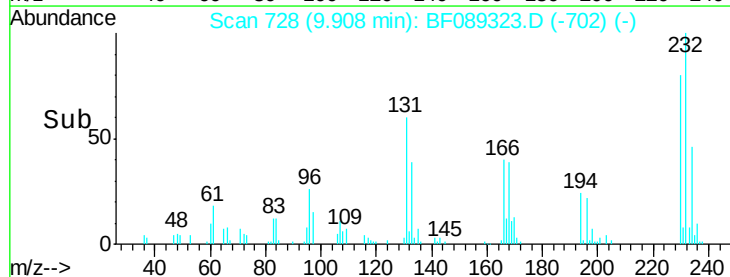


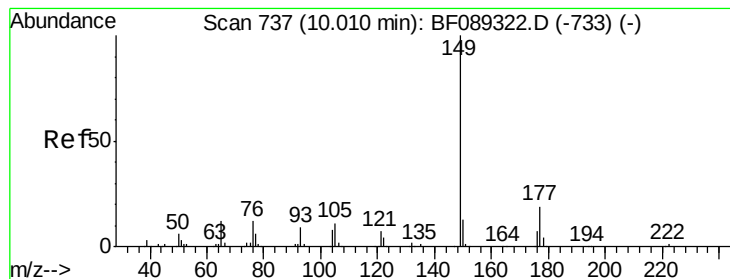
Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.07 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

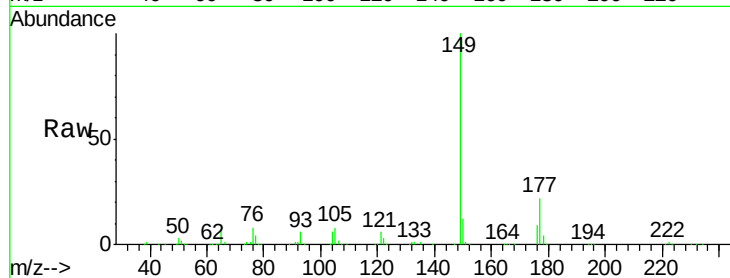
Tot Ion:149 Resp: 349641

Ion Ratio Lower Upper

149 100

177 22.4 15.1 22.7

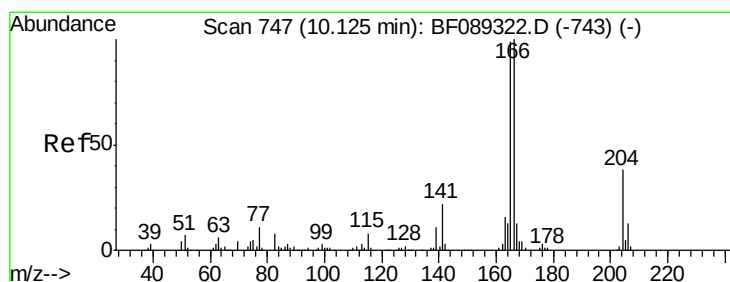
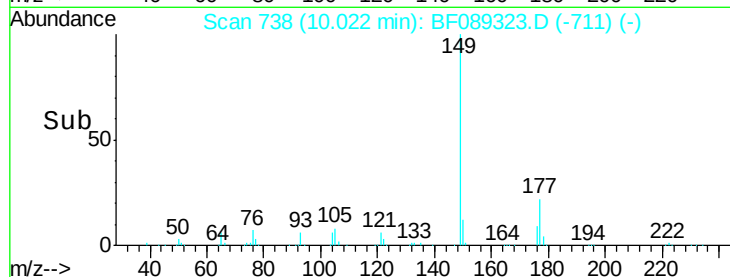
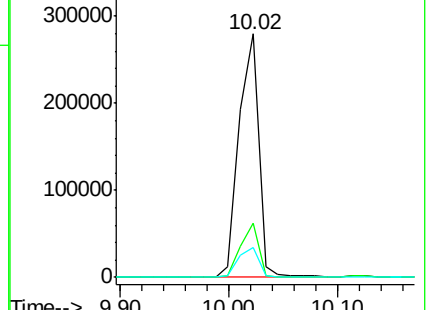
150 12.1 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.07 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

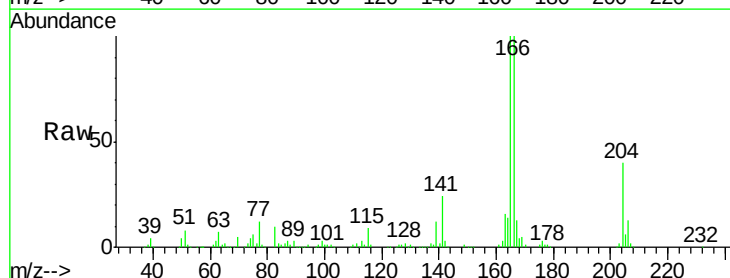
Tgt Ion:204 Resp: 143340

Ion Ratio Lower Upper

204 100

206 32.9 26.6 39.8

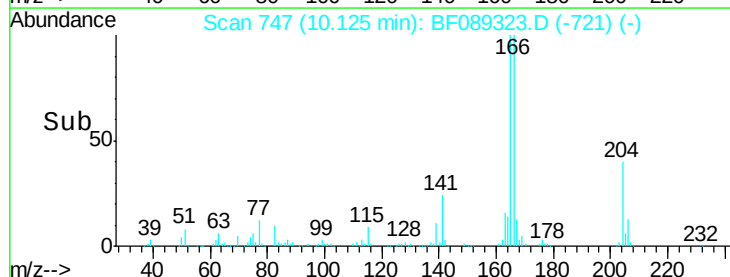
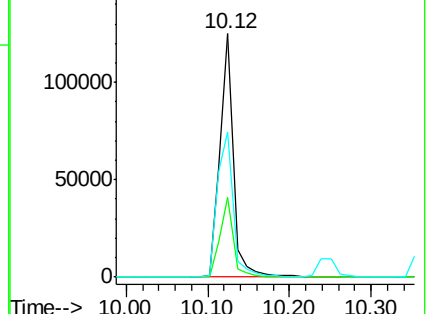
141 59.5 46.6 70.0

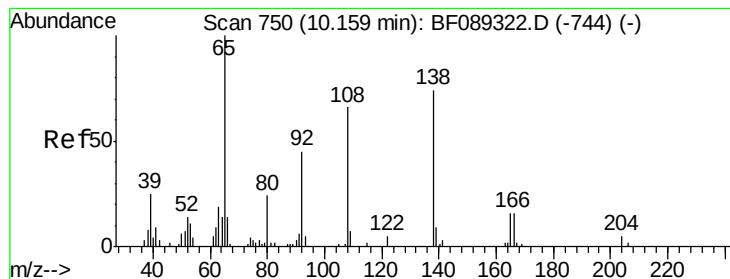


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

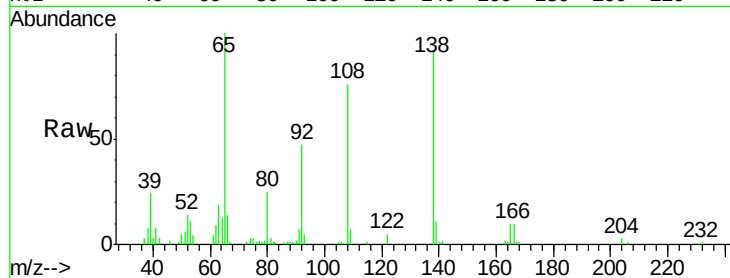




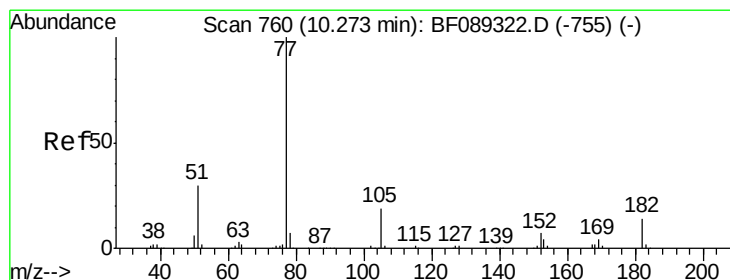
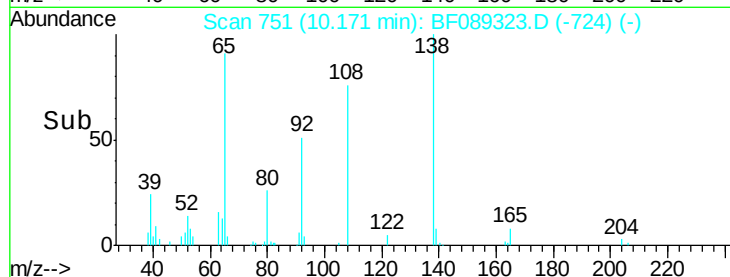
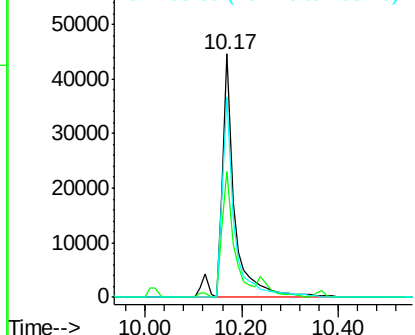
#61
4-Nitroaniline
Concen: 45.72 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 81337
Ion Ratio Lower Upper
138 100
92 51.5 41.2 81.2
108 82.1 69.6 109.6

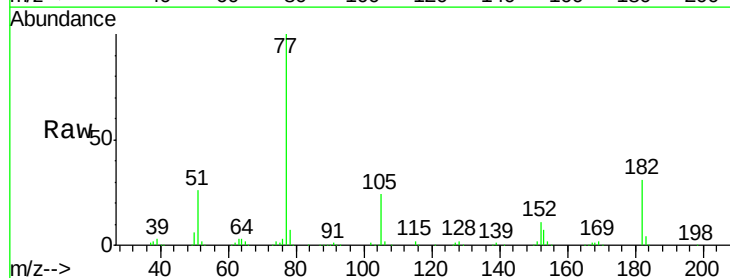


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

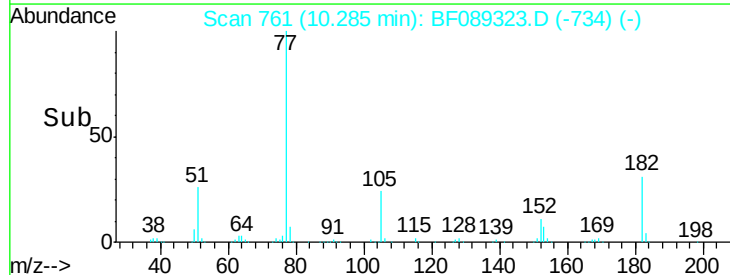
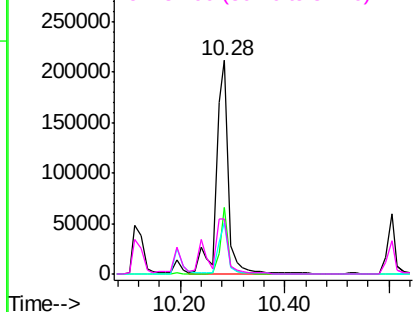


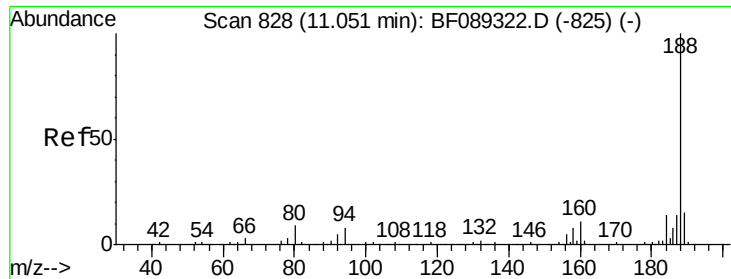
#62
Azobenzene
Concen: 45.38 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion: 77 Resp: 337112
Ion Ratio Lower Upper
77 100
182 31.2 0.0 33.8
105 24.0 0.0 39.8
51 25.9 11.0 51.0



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

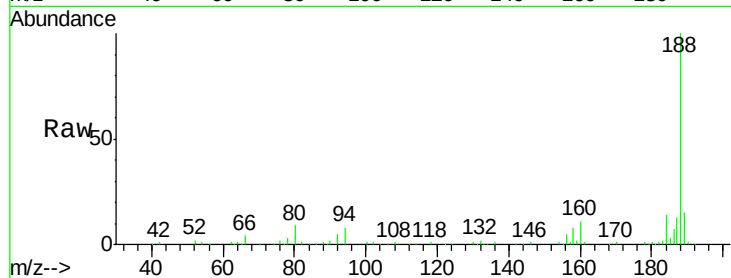




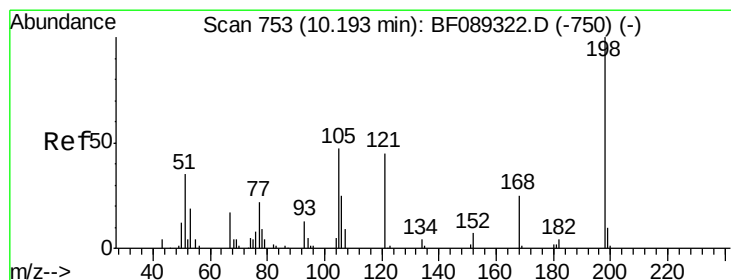
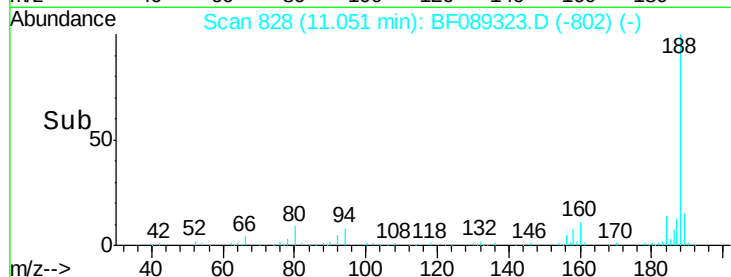
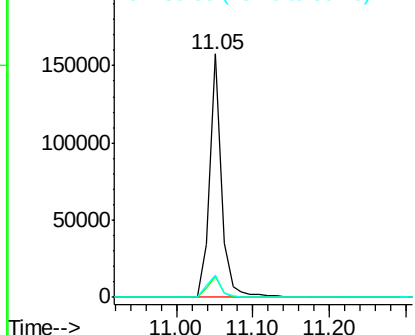
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 169173
Ion Ratio Lower Upper
188 100
94 8.4 6.5 9.7
80 9.3 7.2 10.8

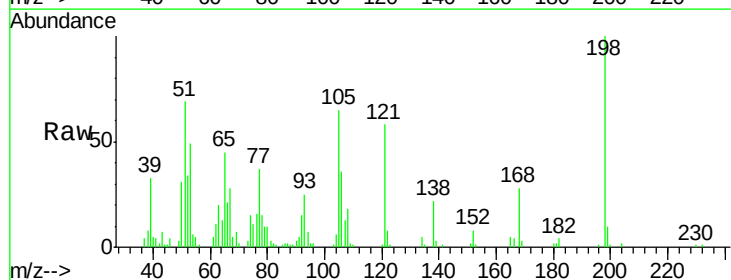


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

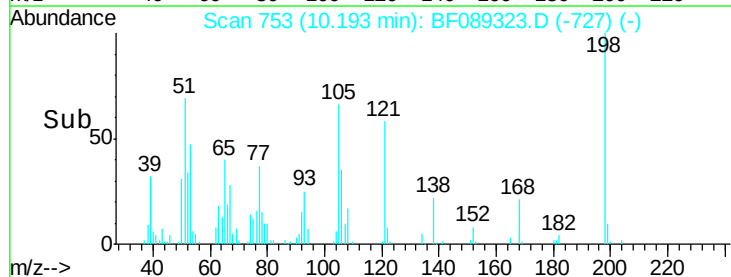
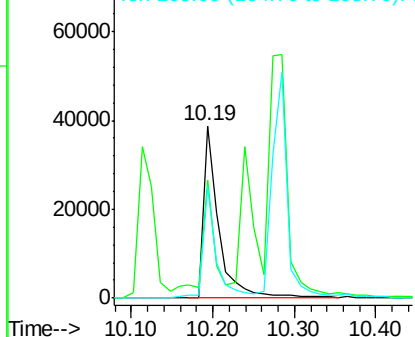


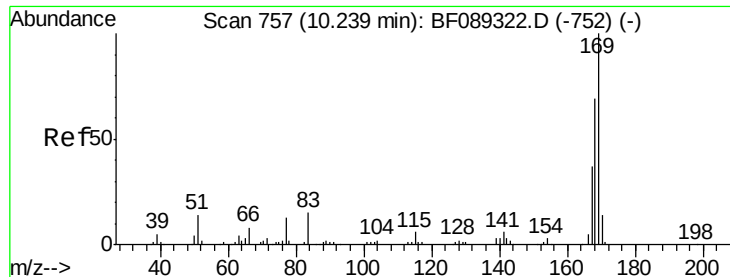
#64
4,6-Dinitro-2-methylphenol
Concen: 52.75 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion:198 Resp: 51217
Ion Ratio Lower Upper
198 100
51 68.8 23.0 63.0#
105 65.0 28.3 68.3



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

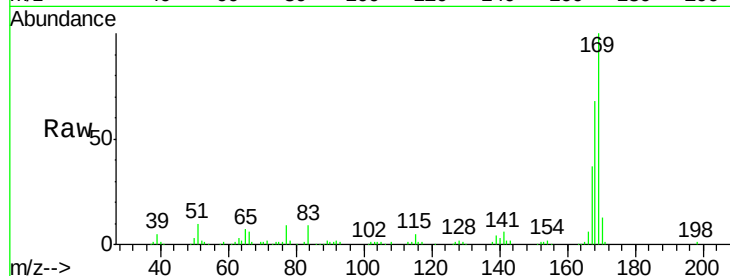




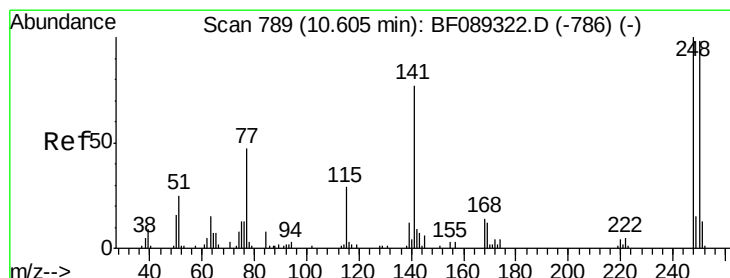
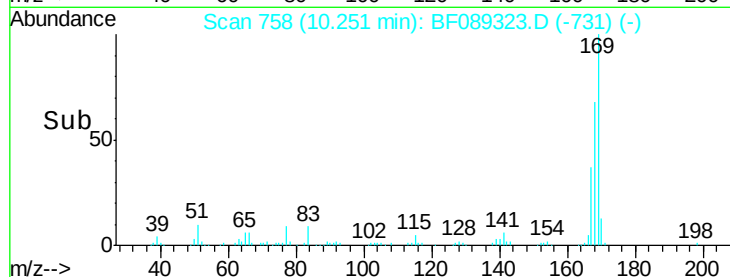
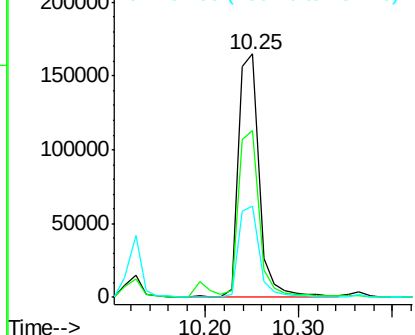
#65
n-Nitrosodiphenylamine
Concen: 45.98 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 259649
Ion Ratio Lower Upper
169 100
168 68.5 55.4 83.0
167 37.4 29.7 44.5

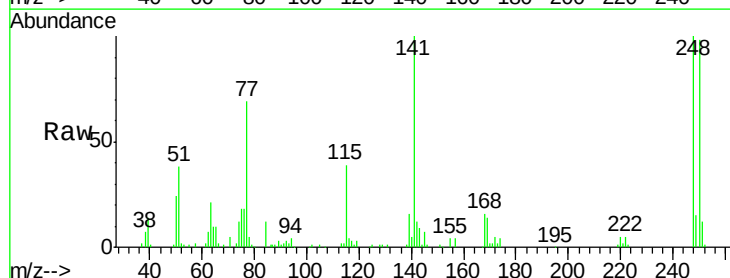


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

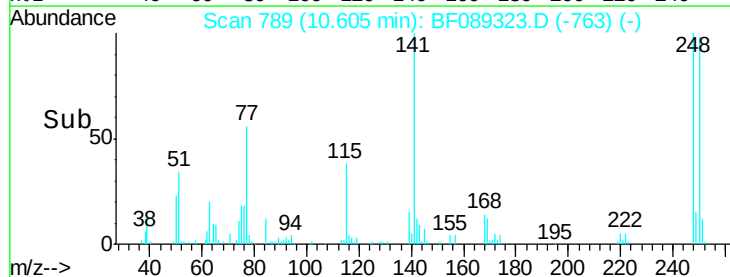
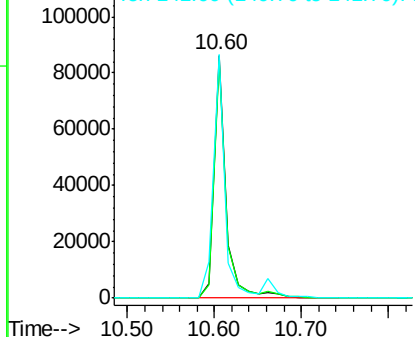


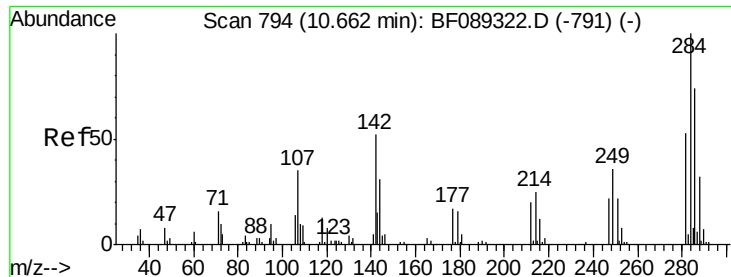
#66
4-Bromophenyl-phenylether
Concen: 50.60 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion:248 Resp: 84849
Ion Ratio Lower Upper
248 100
250 97.8 78.2 117.2
141 100.3 62.0 93.0#



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





#67

Hexachlorobenzene

Concen: 44.05 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

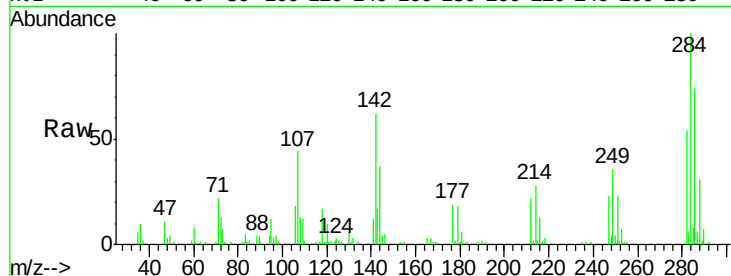
Tot Ion:284 Resp: 78416

Ion Ratio Lower Upper

284 100

142 62.2 42.2 63.4

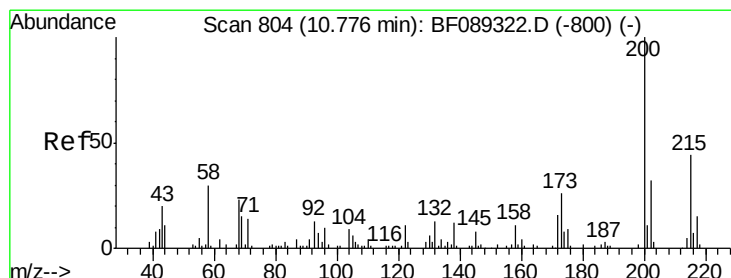
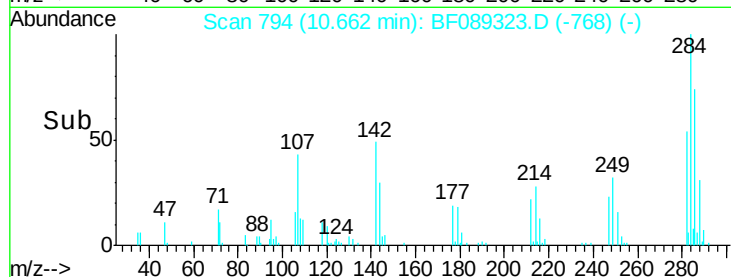
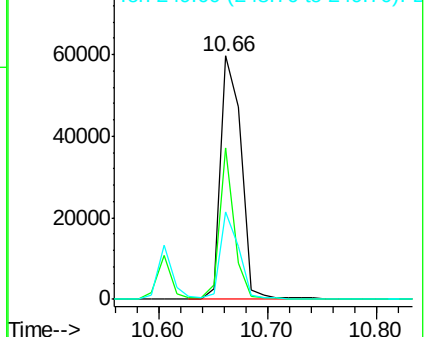
249 35.9 29.4 44.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.49 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

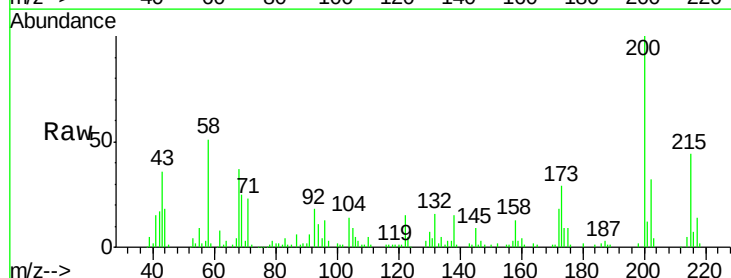
Tgt Ion:200 Resp: 78272

Ion Ratio Lower Upper

200 100

173 29.0 6.0 46.0

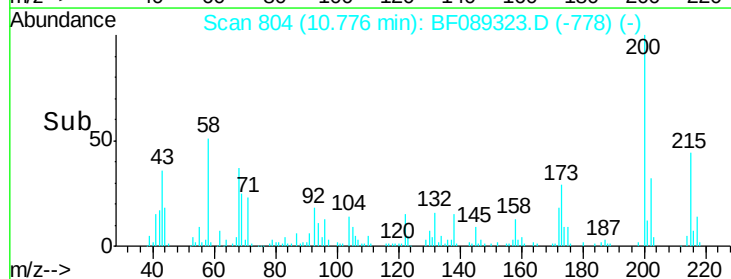
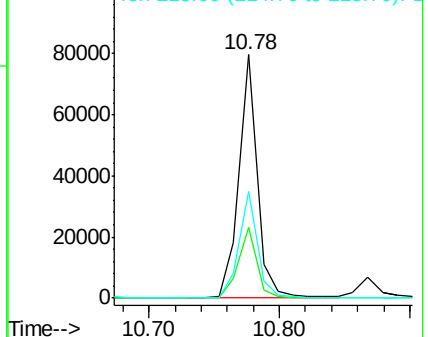
215 43.8 24.3 64.3

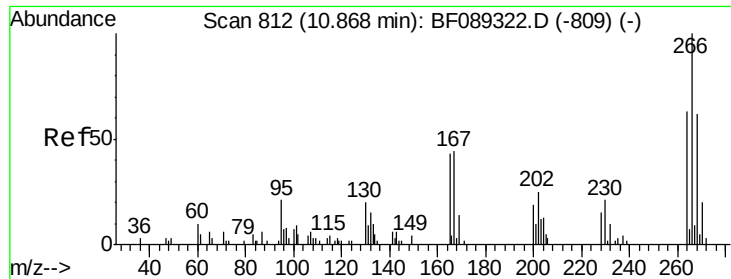


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

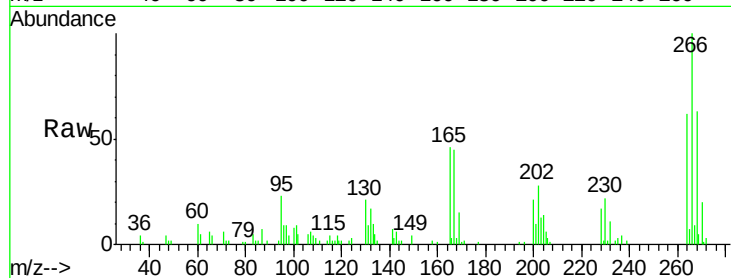




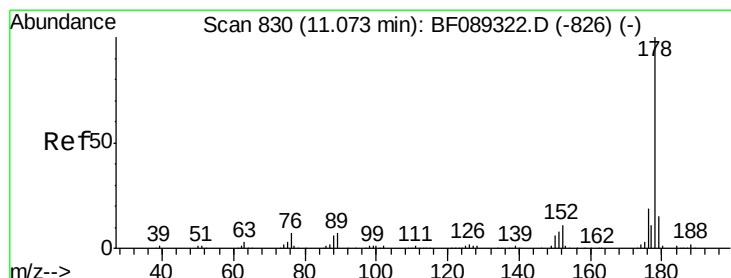
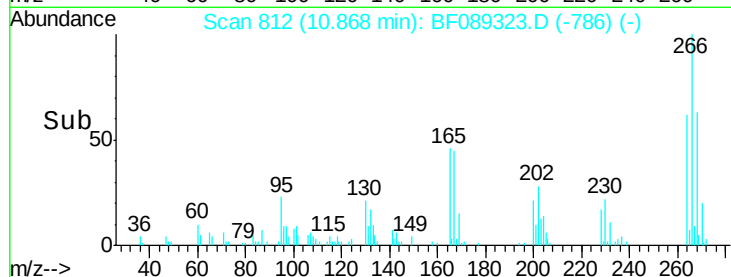
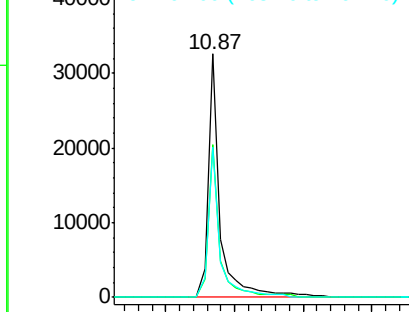
#69
 Pentachlorophenol
 Concen: 48.92 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 38999
 Ion Ratio Lower Upper
 266 100
 268 62.5 49.4 74.2
 264 61.8 50.2 75.2

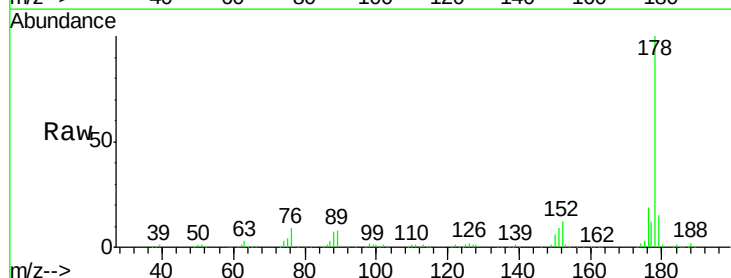


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

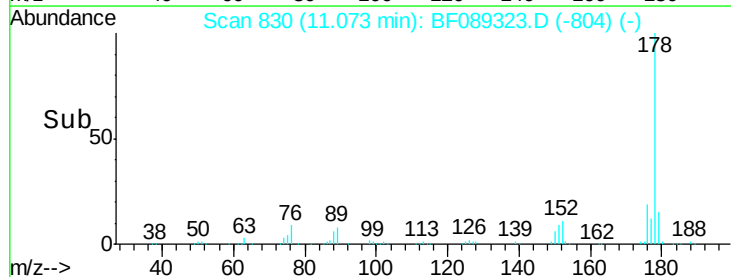
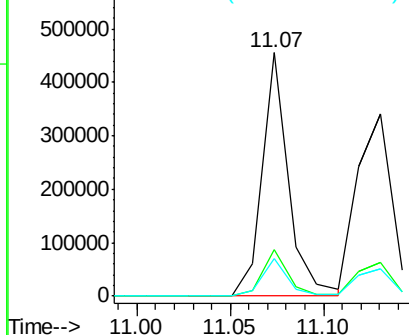


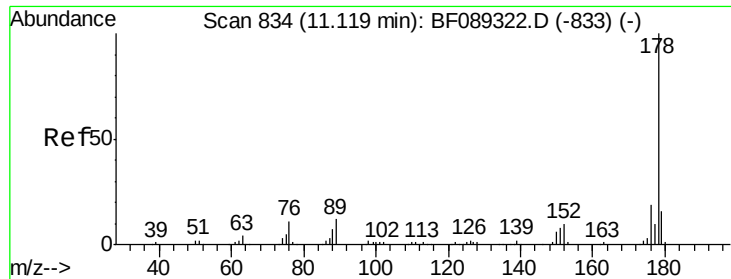
#70
 Phenanthrene
 Concen: 47.45 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion:178 Resp: 442645
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.5 12.3 18.5



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

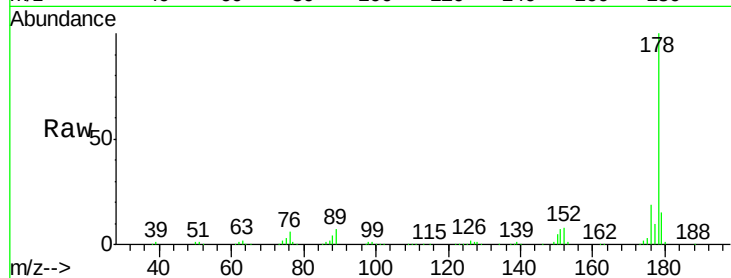




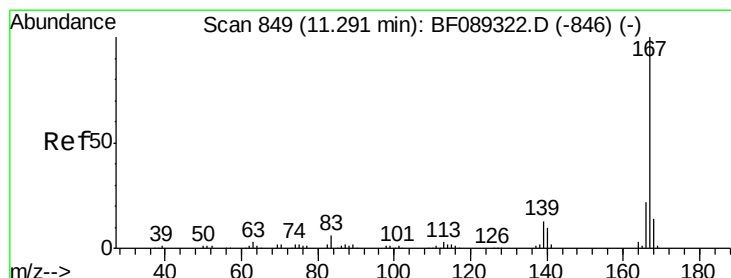
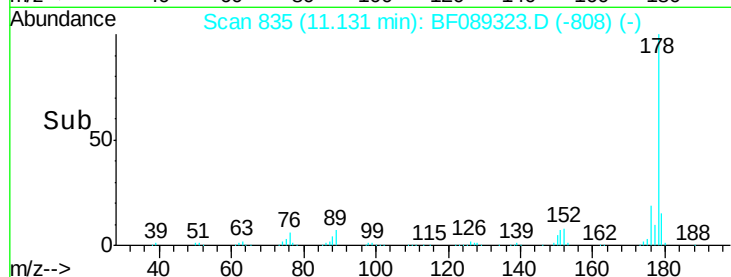
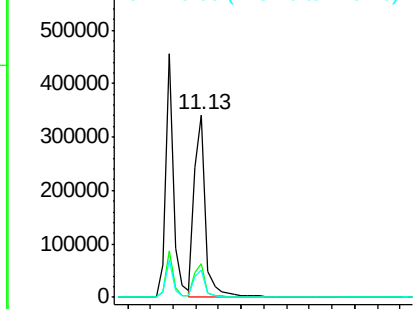
#71
 Anthracene
 Concen: 49.76 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 476654
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.8 22.2
 179 15.2 12.6 18.8

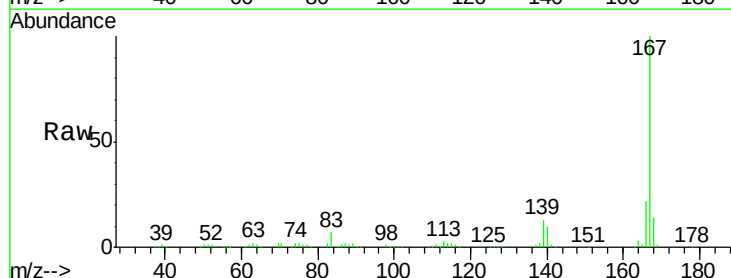


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

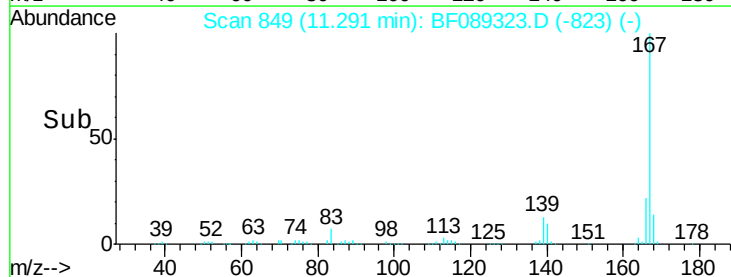
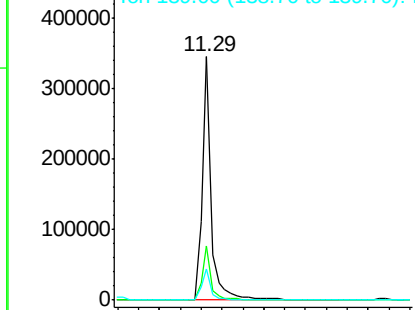


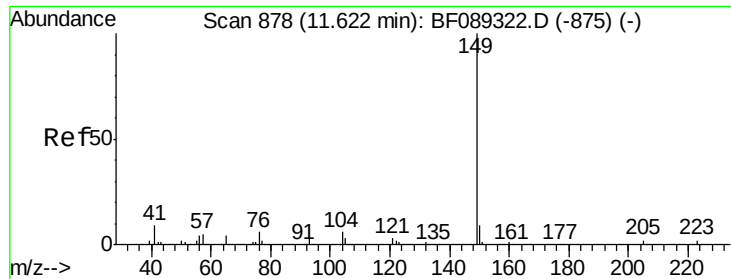
#72
 Carbazole
 Concen: 49.97 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion:167 Resp: 415645
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.9 10.1 15.1



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





#73

Di-n-butylphthalate

Concen: 50.08 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

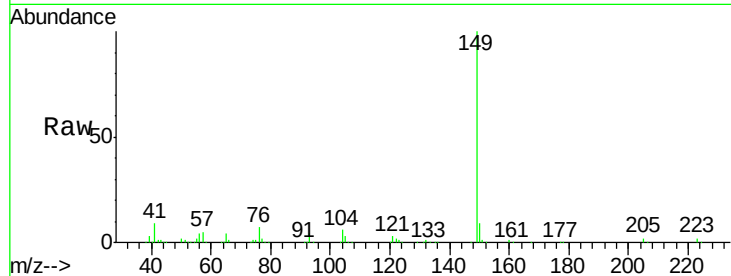
Tot Ion:149 Resp: 529983

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

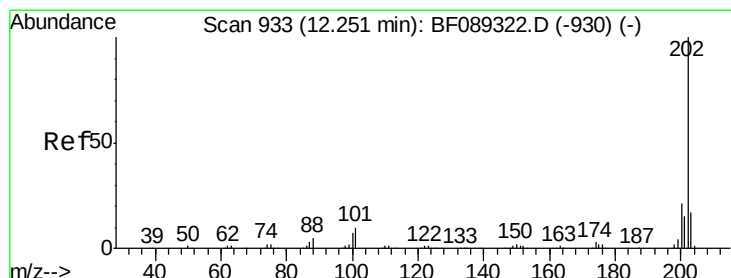
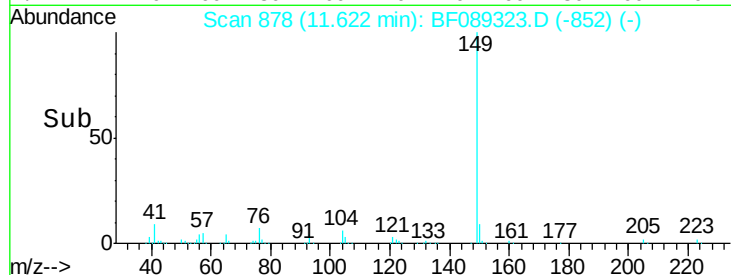
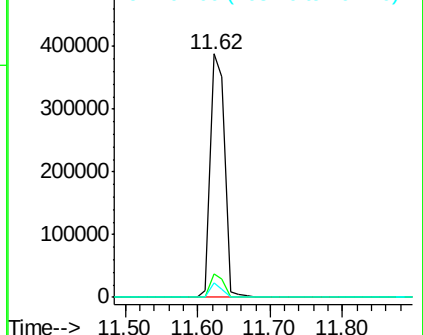
104 6.0 4.7 7.1



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: 47.89 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

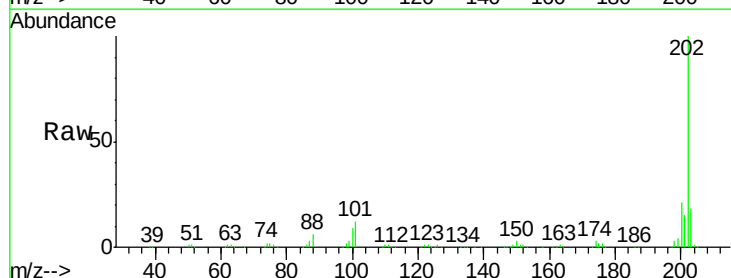
Tgt Ion:202 Resp: 470604

Ion Ratio Lower Upper

202 100

101 11.7 0.0 29.9

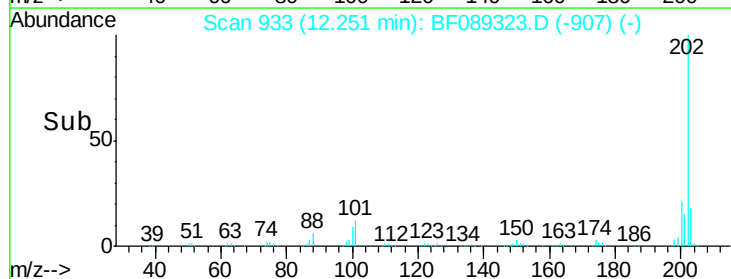
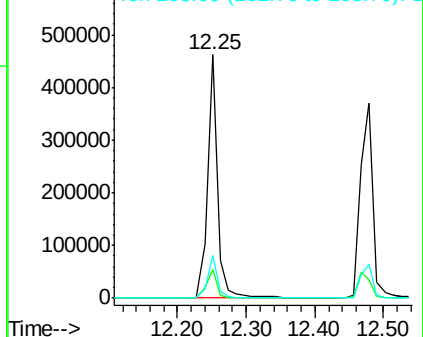
203 17.7 0.0 37.3

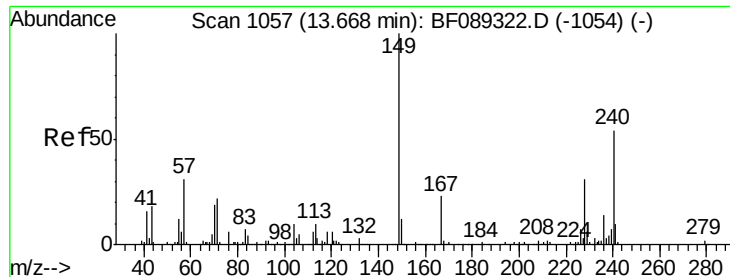


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampled :

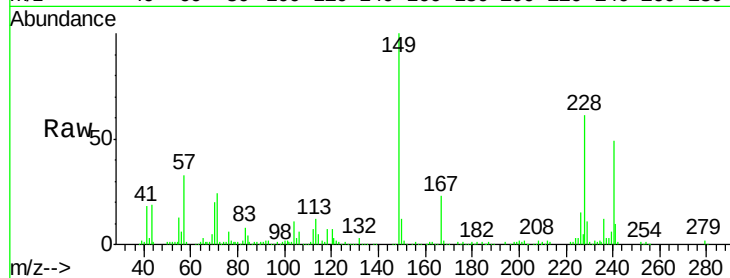
Tot Ion:240 Resp: 125000

Ion Ratio Lower Upper

240 100

120 14.3 9.1 13.7#

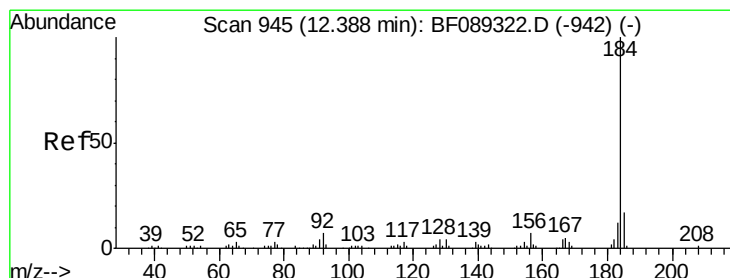
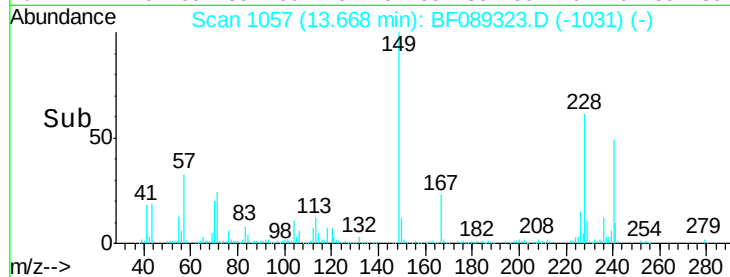
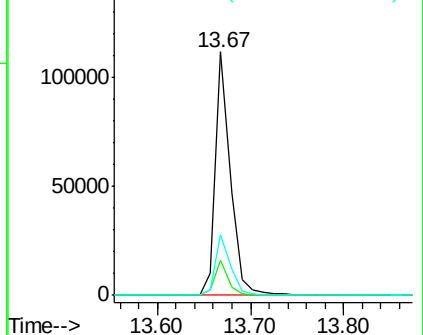
236 24.9 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.20 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

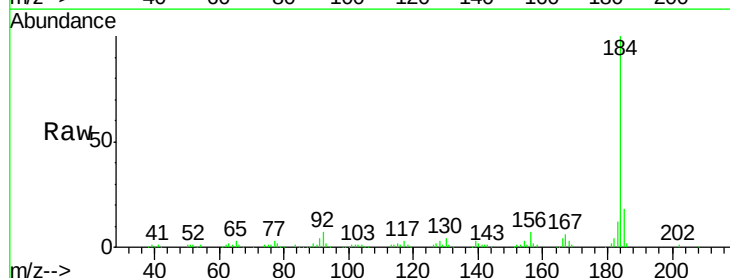
Tgt Ion:184 Resp: 230283

Ion Ratio Lower Upper

184 100

185 17.7 13.5 20.3

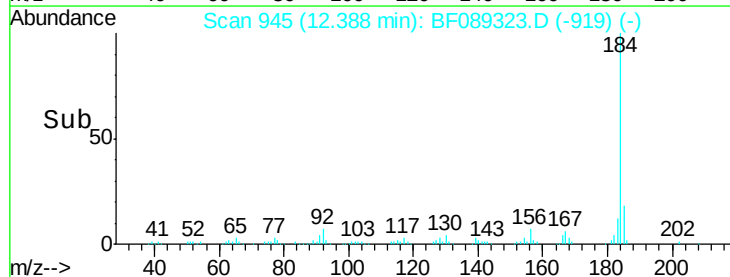
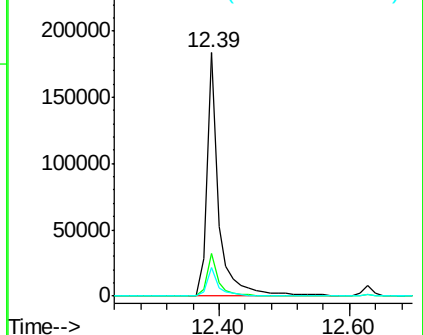
183 11.9 9.8 14.6

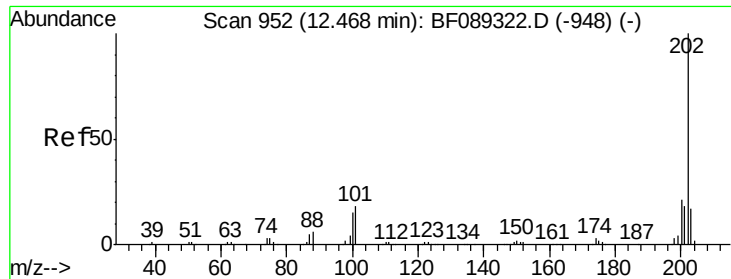


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

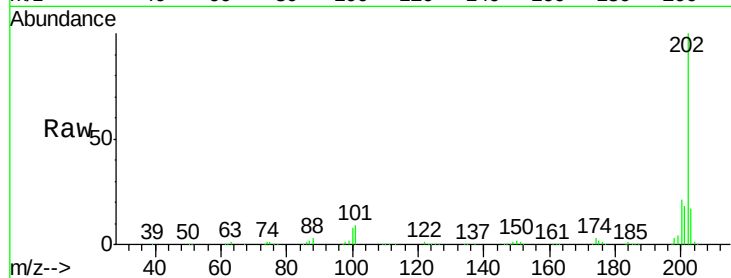




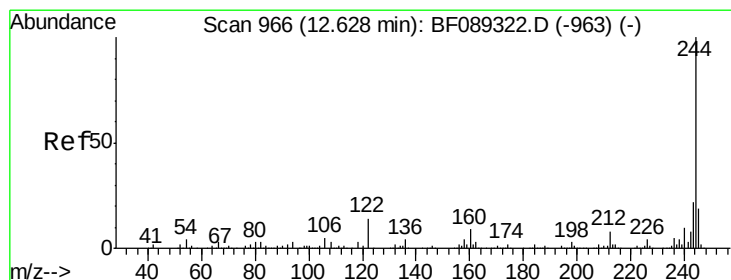
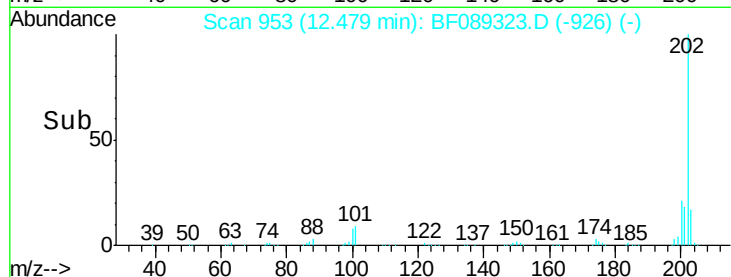
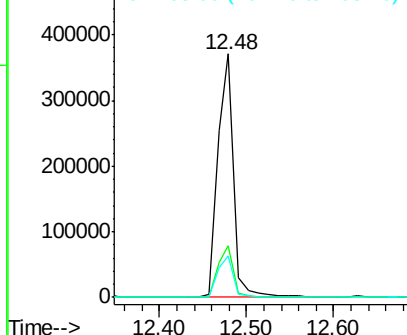
#77
Pvrene
Concen: 46.57 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 470233
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.2 14.0 21.0

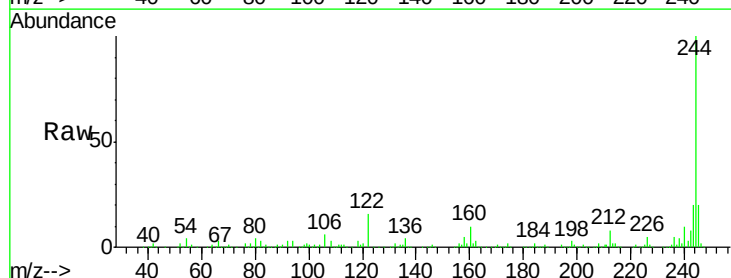


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

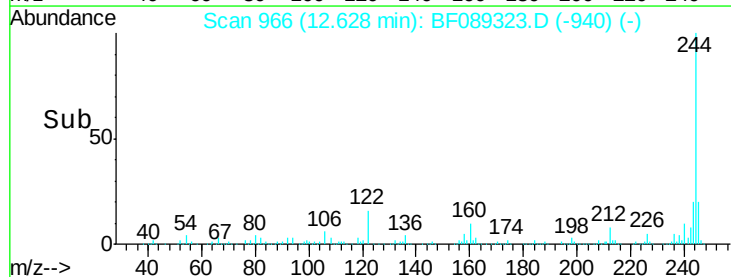
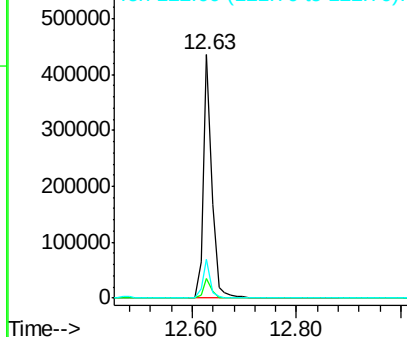


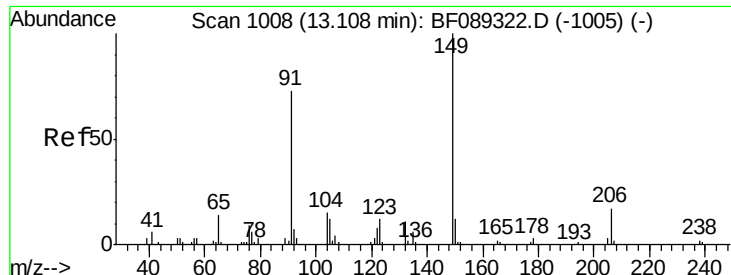
#78
Terphenyl-d14
Concen: 86.06 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion:244 Resp: 494425
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 15.8 11.4 17.0



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

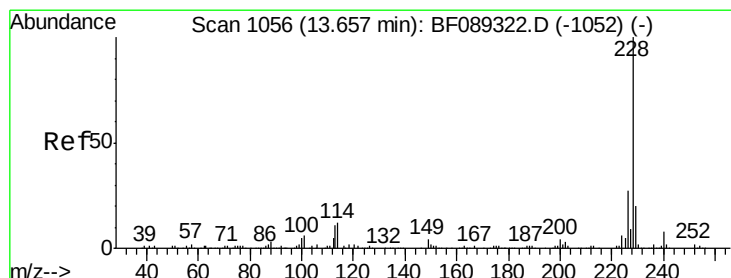
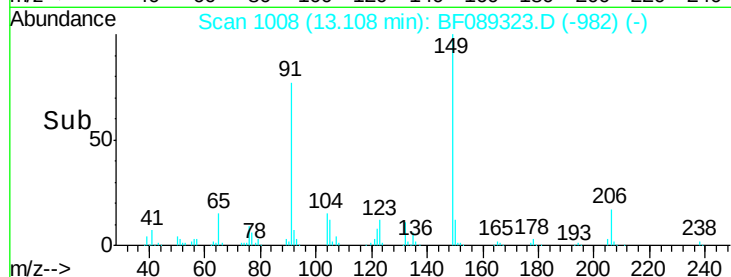
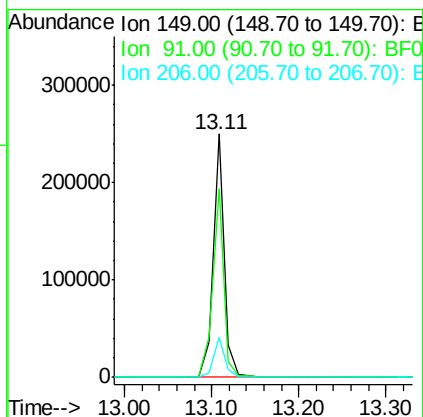
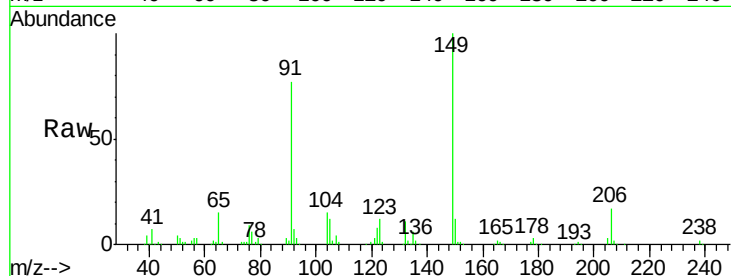




#79
Butylbenzylphthalate
Concen: 51.31 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

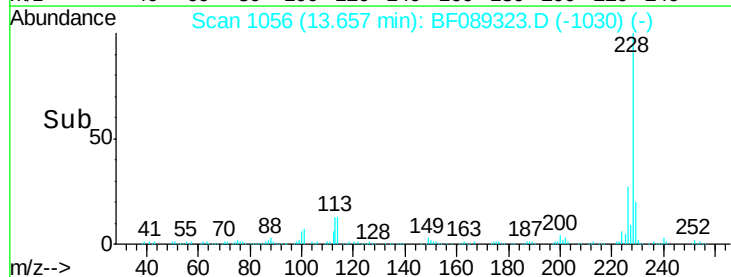
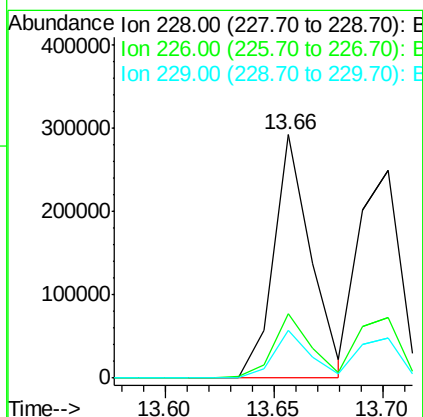
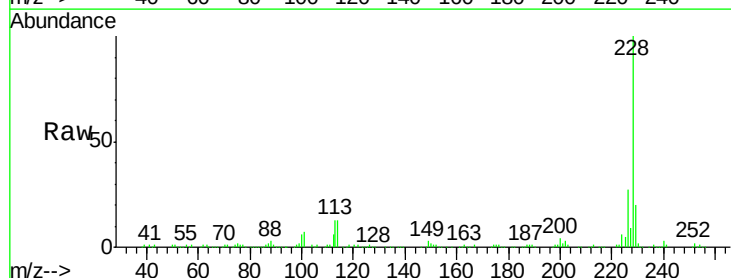
Instrument :
BNA_F
ClientSampleId :

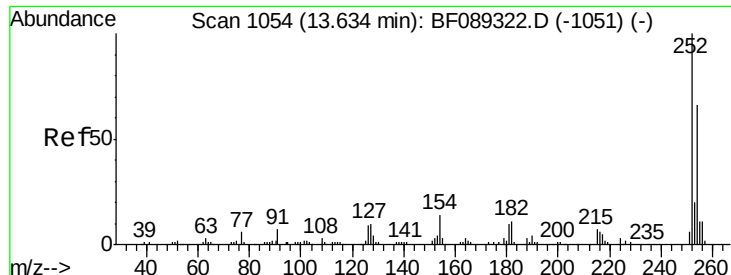
Tot Ion:149 Resp: 224456
Ion Ratio Lower Upper
149 100
91 77.3 58.5 87.7
206 16.5 13.8 20.8



#80
Benzo(a)anthracene
Concen: 44.49 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion:228 Resp: 349895
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.2
229 19.8 15.9 23.9

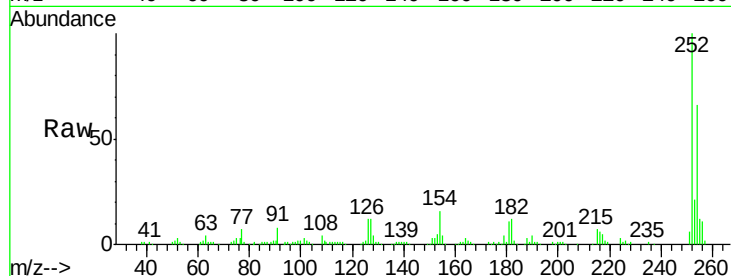




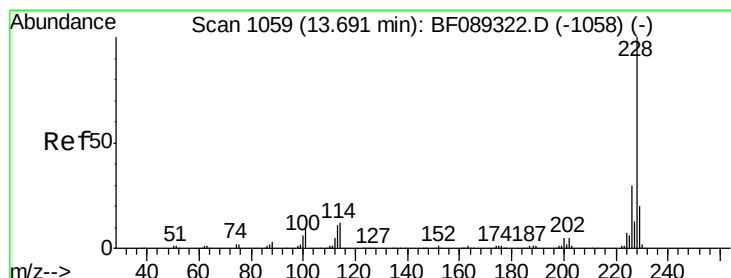
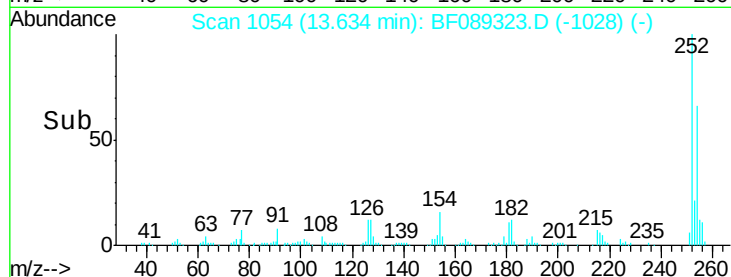
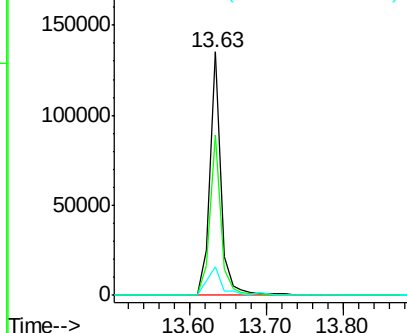
#81
 3,3'-Dichlorobenzidine
 Concen: 52.49 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 135538
 Ion Ratio Lower Upper
 252 100
 254 65.9 52.5 78.7
 126 11.8 7.4 11.2#

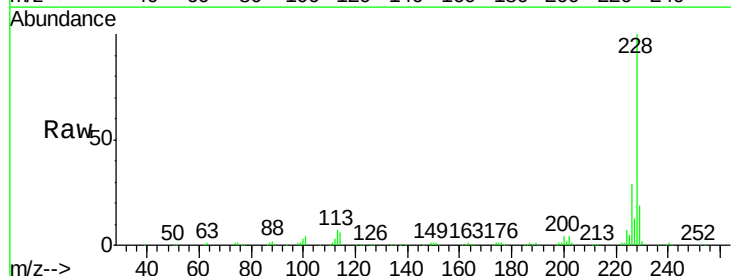


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

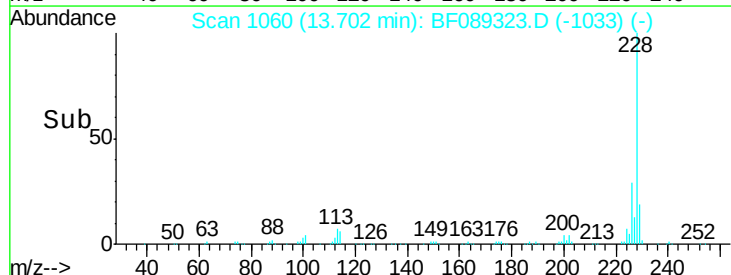
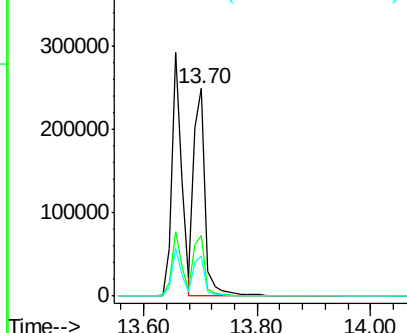


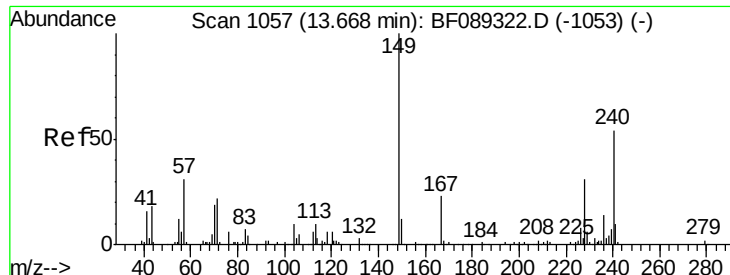
#82
 Chrysene
 Concen: 47.70 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion:228 Resp: 355519
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.2 36.2
 229 19.2 15.9 23.9



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: 52.67 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

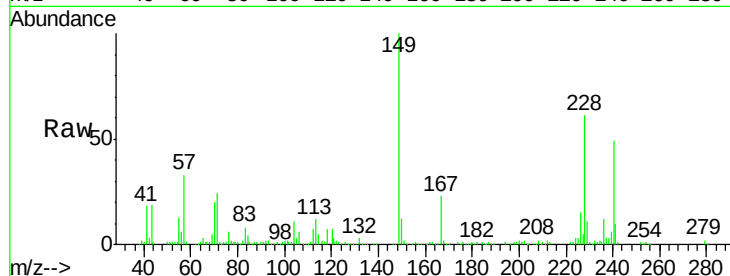
Tot Ion:149 Resp: 307652

Ion Ratio Lower Upper

149 100

167 23.4 18.8 28.2

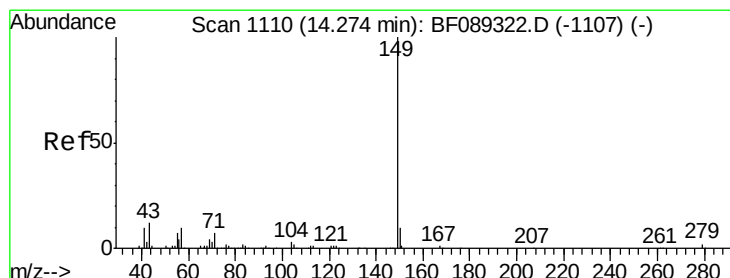
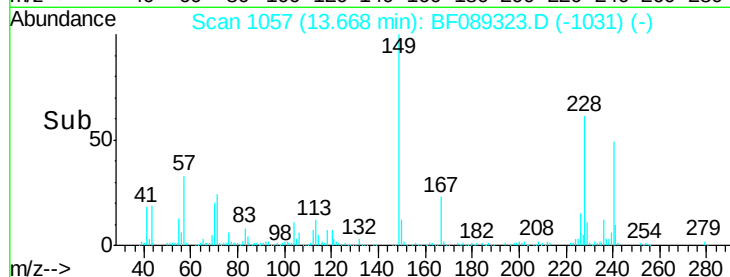
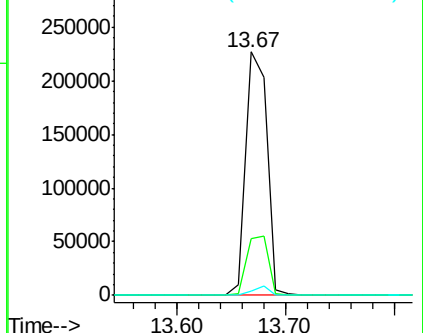
279 1.6 1.4 2.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.57 ng

RT: 14.29 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

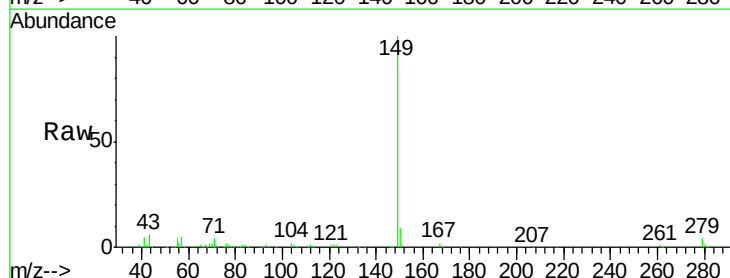
Tgt Ion:149 Resp: 501072

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

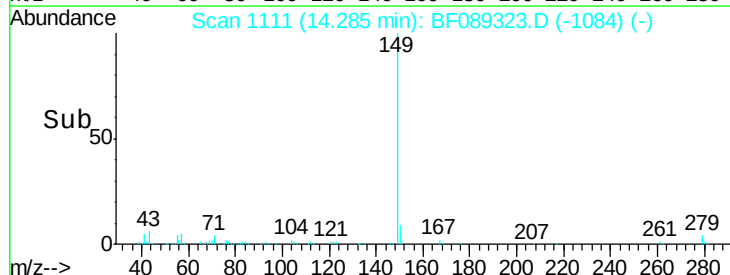
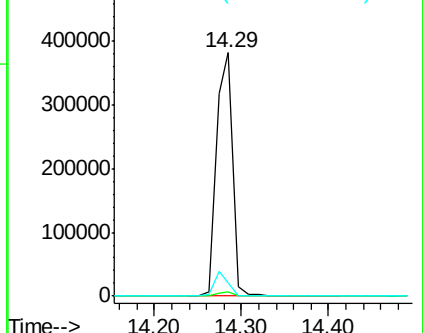
43 8.7 7.3 10.9

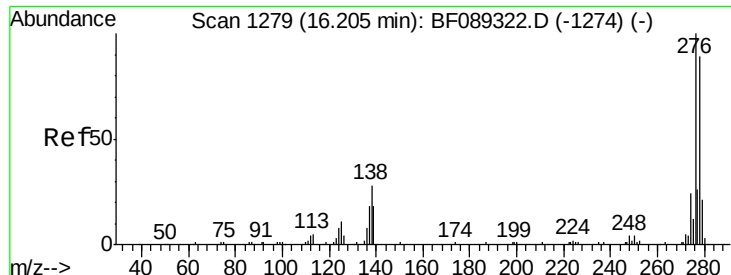


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

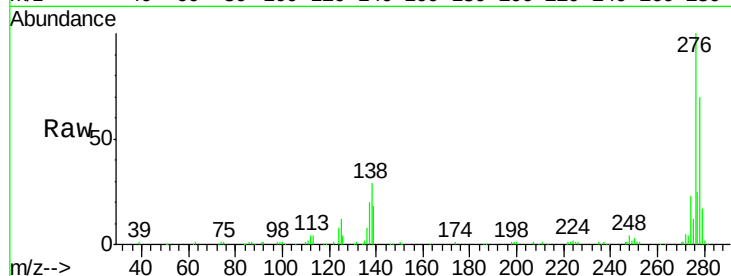




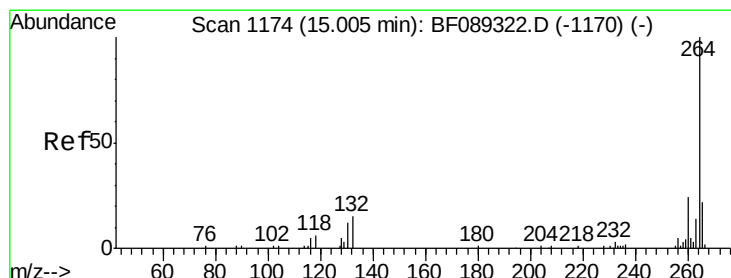
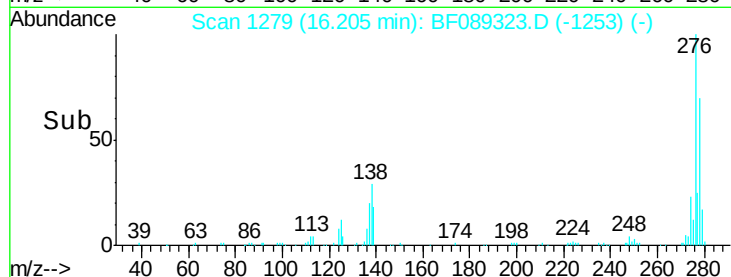
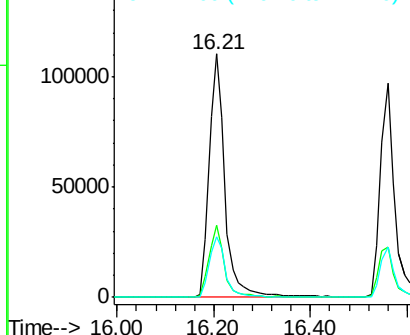
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.09 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 255938
 Ion Ratio Lower Upper
 276 100
 138 28.8 23.0 34.4
 277 25.5 20.2 30.4

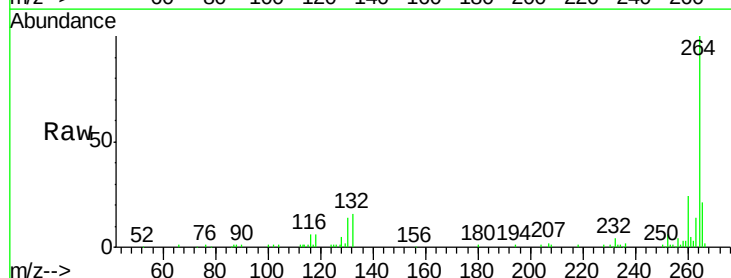


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

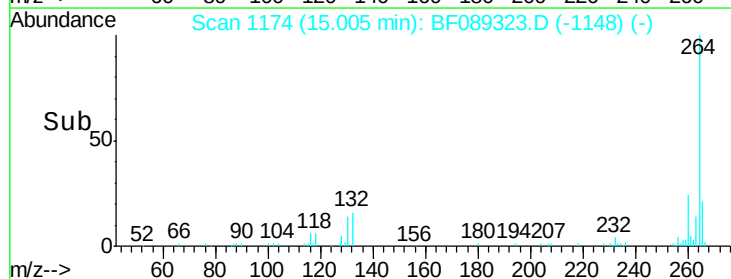
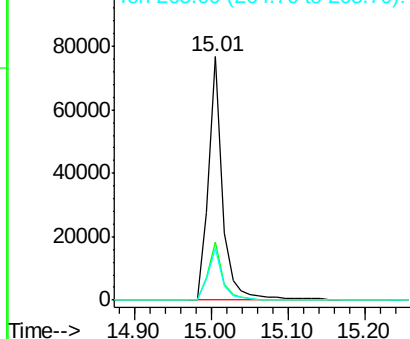


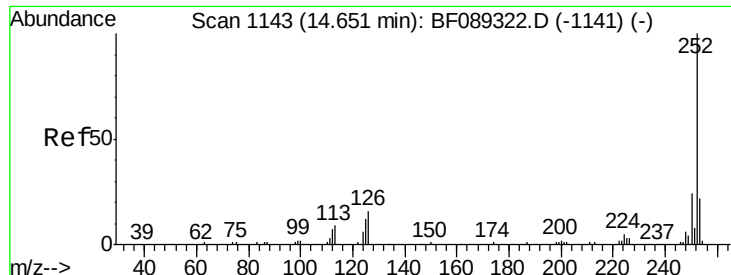
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089323.D
 Acq: 27 Jul 2016 11:24

Tgt Ion:264 Resp: 97261
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.3 17.5 26.3



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

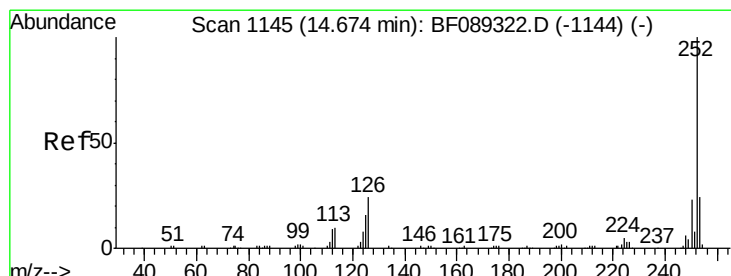
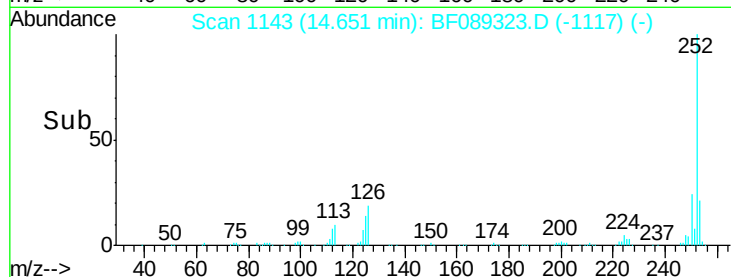
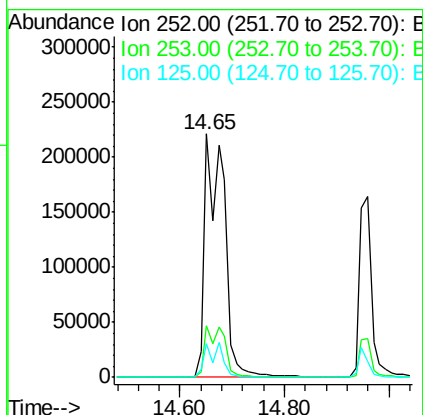
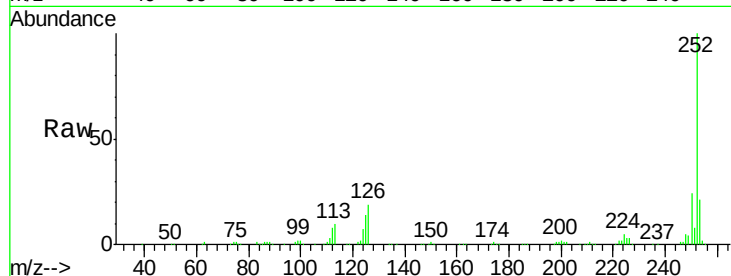




#87
Benzo(b)fluoranthene
Concen: 87.23 ng
RT: 14.65 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

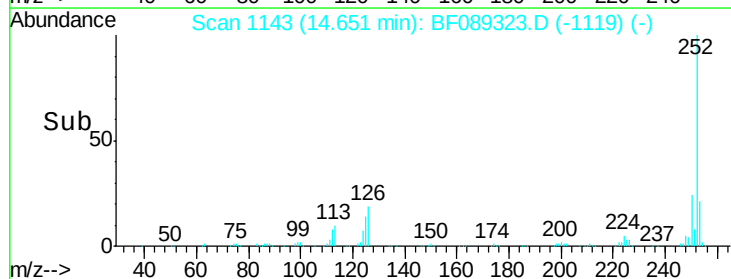
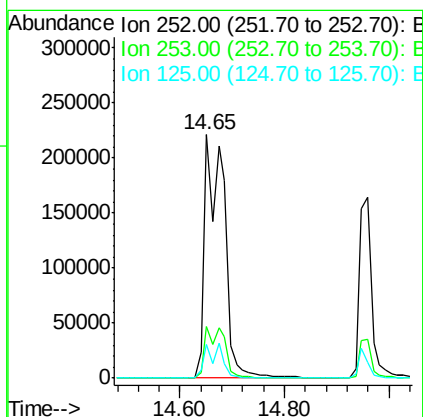
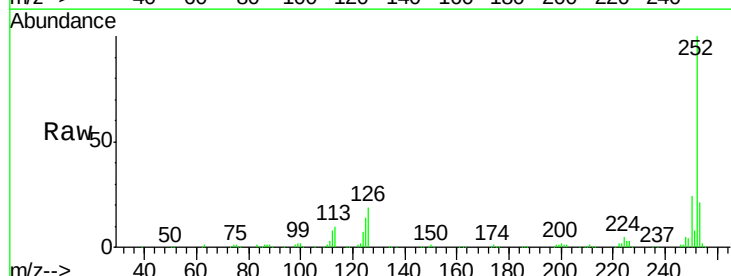
Instrument :
BNA_F
ClientSampled :

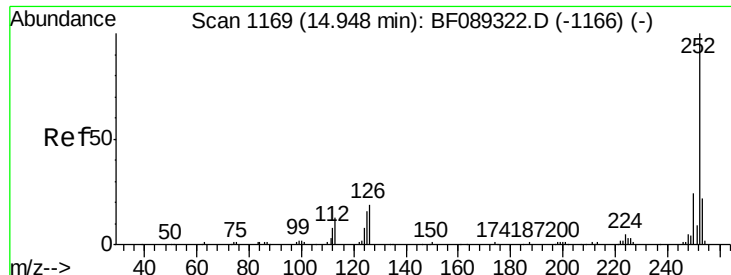
Tot Ion:252 Resp: 582787
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 14.0 9.7 14.5



#88
Benzo(k)fluoranthene
Concen: 109.64 ng
RT: 14.65 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion:252 Resp: 582787
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 14.0 10.7 16.1

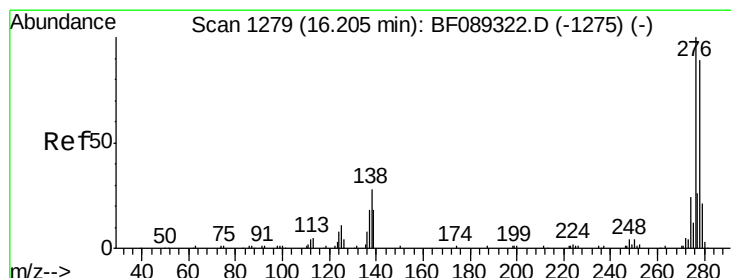
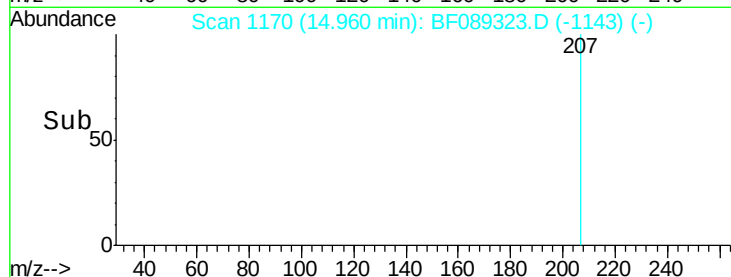
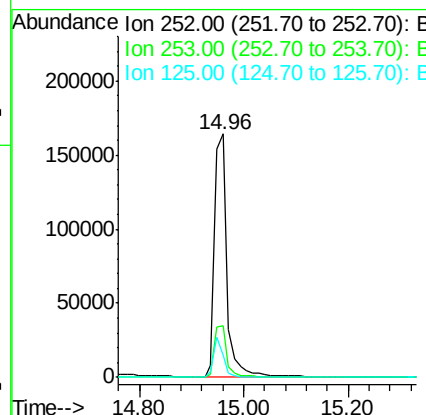
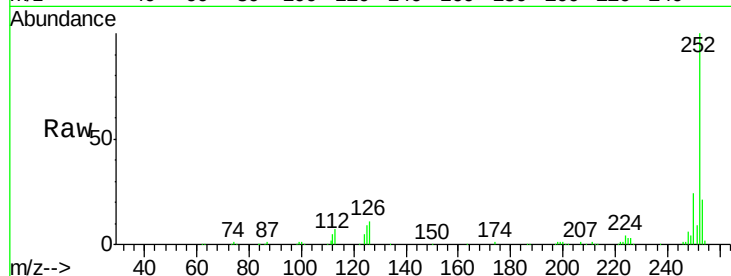




#89
Benzo(a)pyrene
Concen: 49.08 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

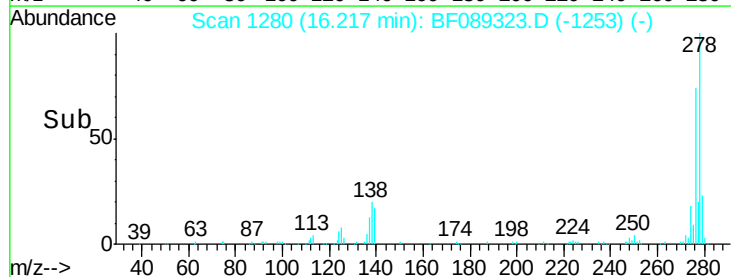
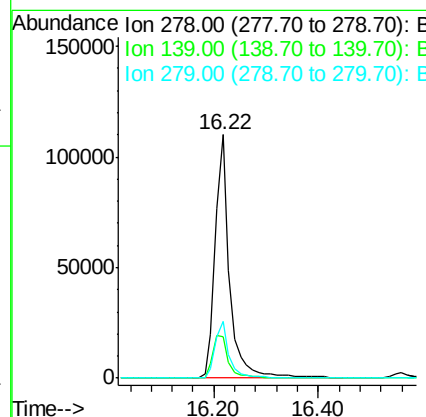
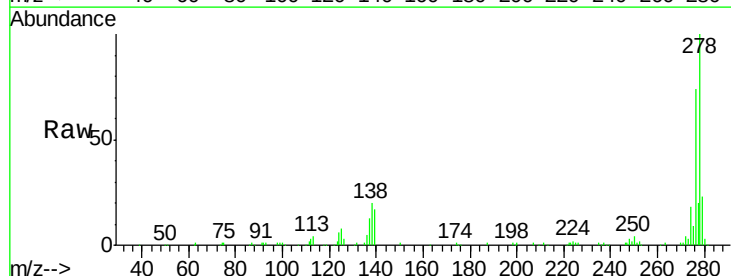
Instrument :
BNA_F
ClientSampleId :

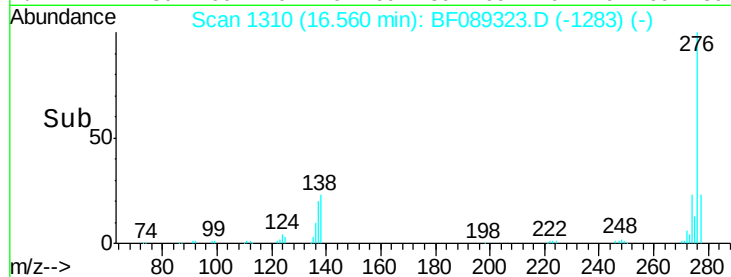
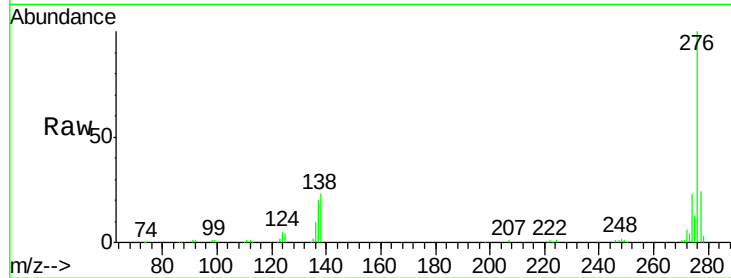
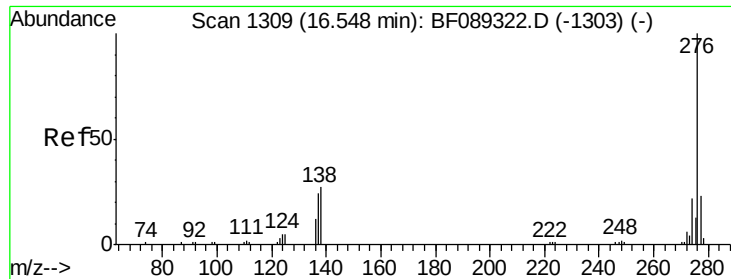
Tot Ion:252 Resp: 268463
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 9.0 12.4 18.6#



#90
Dibenzo(a,h)anthracene
Concen: 49.27 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089323.D
Acq: 27 Jul 2016 11:24

Tgt Ion:278 Resp: 212447
Ion Ratio Lower Upper
278 100
139 16.9 16.3 24.5
279 23.4 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 48.26 ng

RT: 16.56 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF089323.D

Acq: 27 Jul 2016 11:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 209550

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 23.4 21.4 32.0

