

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090216\
 Data File : BF089972.D
 Acq On : 2 Sep 2016 12:54
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 16:32:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	212970	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	912339	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	445315	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	877867	20.00	ng	0.00
75) Chrysene-d12	13.76	240	680324	20.00	ng	0.00
86) Perylene-d12	15.10	264	567810	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	992426	74.59	ng	0.00
7) Phenol-d6	6.28	99	1237632	76.55	ng	0.00
23) Nitrobenzene-d5	7.21	82	1079332	68.61	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	352253	80.18	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1918524	70.72	ng	0.00
78) Terphenyl-d14	12.73	244	2120521	77.00	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.10	88	247163	39.21	ng	98
3) Pyridine	2.73	79	601418	35.76	ng	97
4) n-Nitrosodimethylamine	2.70	42	331190	39.93	ng	94
6) Aniline	6.30	93	854757	38.75	ng	# 73
8) 2-Chlorophenol	6.42	128	573249	39.71	ng	94
9) Benzaldehyde	6.18	77	412092	39.51	ng	99
10) Phenol	6.30	94	689519	36.68	ng	95
11) bis(2-Chloroethyl)ether	6.39	93	598487	42.07	ng	87
12) 1,3-Dichlorobenzene	6.58	146	665148	41.26	ng	98
13) 1,4-Dichlorobenzene	6.58	146	665148	40.32	ng	94
14) 1,2-Dichlorobenzene	6.81	146	588661	39.81	ng	99
15) Benzyl Alcohol	6.79	79	399800	39.47	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1106605	40.79	ng	98
17) 2-Methylphenol	6.91	107	477257	41.40	ng	98
18) Hexachloroethane	7.15	117	220032	38.94	ng	98
19) n-Nitroso-di-n-propylamine	7.07	70	386135	36.65	ng	91
20) 3+4-Methylphenols	7.07	107	572822	40.99	ng	# 66
22) Acetophenone	7.06	105	775524	37.89	ng	# 96
24) Nitrobenzene	7.23	77	688920	41.19	ng	# 85
25) Isophorone	7.47	82	1157394	36.18	ng	98
26) 2-Nitrophenol	7.54	139	306547	38.34	ng	97
27) 2,4-Dimethylphenol	7.60	122	584278	39.51	ng	97
28) bis(2-Chloroethoxy)methane	7.69	93	678836	35.18	ng	100
29) 2,4-Dichlorophenol	7.79	162	526243	39.69	ng	89
30) 1,2,4-Trichlorobenzene	7.87	180	548111	37.81	ng	99
31) Naphthalene	7.95	128	1721524	37.88	ng	99
32) Benzoic acid	7.74	122	421292	42.29	ng	95
33) 4-Chloroaniline	8.00	127	637970	34.79	ng	98
34) Hexachlorobutadiene	8.08	225	316247	37.23	ng	95
35) Caprolactam	8.39	113	174707	41.75	ng	91
36) 4-Chloro-3-methylphenol	8.49	107	553048	39.39	ng	85
37) 2-Methylnaphthalene	8.64	142	1155581	38.47	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	492859	37.78	ng	98
40) Hexachlorocyclopentadiene	8.80	237	286668	42.86	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

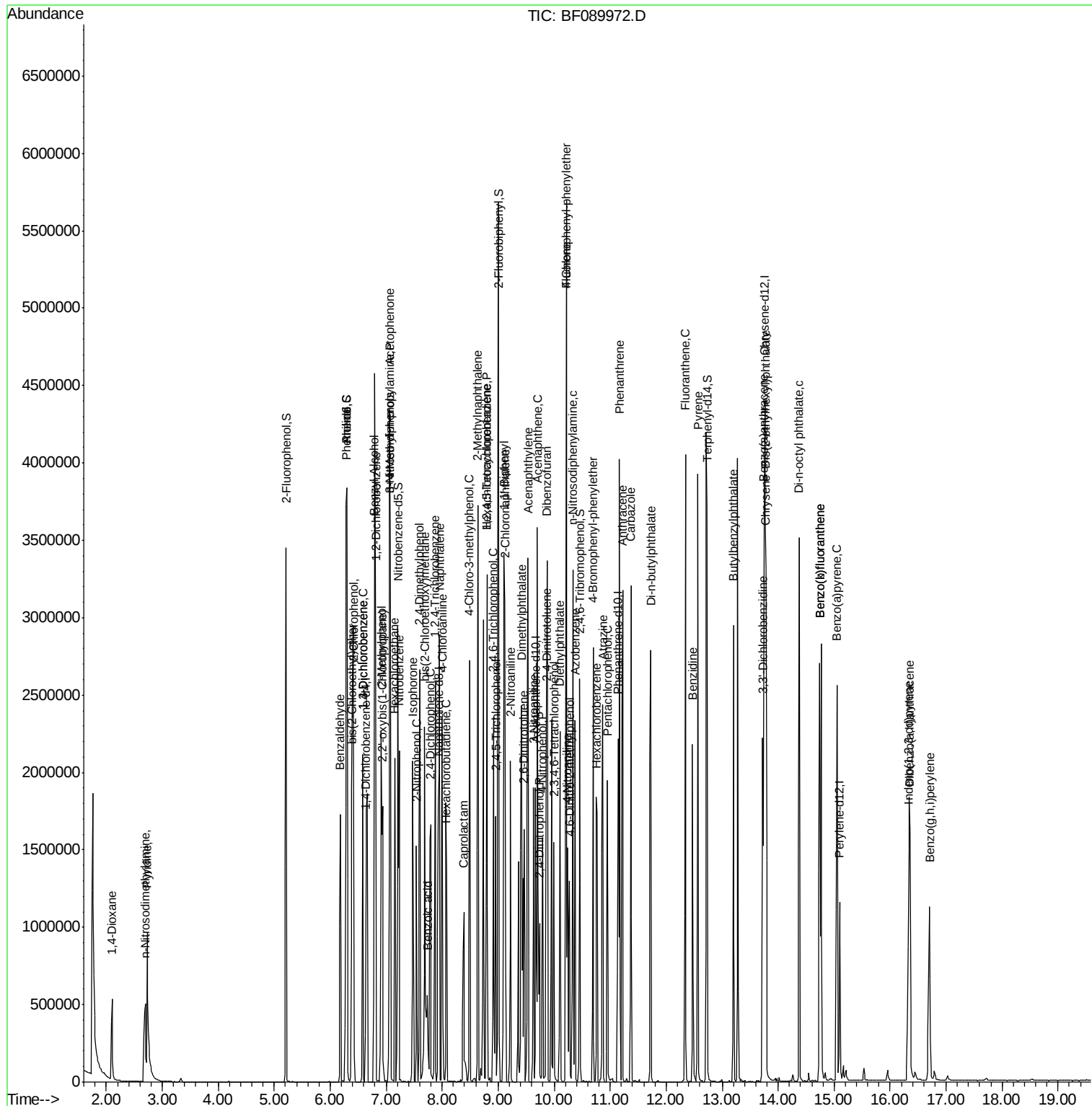
42) 2,4,6-Trichlorophenol	8.91	196	372347	41.19	nq	98
43) 2,4,5-Trichlorophenol	8.96	196	380910	43.81	nq	# 88
45) 1,1'-Biphenyl	9.11	154	1448960	40.41	nq	96
46) 2-Chloronaphthalene	9.12	162	947630	37.36	nq	99
47) 2-Nitroaniline	9.22	65	381409	46.00	nq	# 79
48) Acenaphthylene	9.53	152	1557628	37.14	nq	99
49) Dimethylphthalate	9.42	163	1347515	41.87	nq	98
50) 2,6-Dinitrotoluene	9.46	165	297523	41.56	nq	88
51) Acenaphthene	9.70	154	1030268	38.78	nq	99
52) 3-Nitroaniline	9.63	138	371276	45.47	nq	83
53) 2,4-Dinitrophenol	9.74	184	173522	46.07	nq	# 66
54) Dibenzofuran	9.87	168	1314966	36.93	nq	98
55) 4-Nitrophenol	9.79	139	242603	39.39	nq	# 65
56) 2,4-Dinitrotoluene	9.86	165	336839	37.10	nq	# 84
57) Fluorene	10.22	166	1009902	38.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	315049	42.33	nq	93
59) Diethylphthalate	10.10	149	1199116	39.60	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	501840	40.99	nq	94
61) 4-Nitroaniline	10.24	138	306935	38.26	nq	89
62) Azobenzene	10.38	77	1198224	39.62	nq	82
64) 4,6-Dinitro-2-methylphenol	10.27	198	262191	46.65	nq	# 65
65) n-Nitrosodiphenylamine	10.33	169	962415	36.47	nq	100
66) 4-Bromophenyl-phenylether	10.70	248	325995	36.89	nq	94
67) Hexachlorobenzene	10.76	284	412577	40.87	nq	# 73
68) Atrazine	10.87	200	375648	42.64	nq	96
69) Pentachlorophenol	10.95	266	237283	43.69	nq	99
70) Phenanthrene	11.16	178	1538105	35.18	nq	100
71) Anthracene	11.22	178	1804377	40.69	nq	99
72) Carbazole	11.37	167	1504986	36.20	nq	99
73) Di-n-butylphthalate	11.72	149	1985994	40.98	nq	# 98
74) Fluoranthene	12.34	202	1625739	35.49	nq	96
76) Benzidine	12.47	184	881290	34.19	nq	98
77) Pyrene	12.57	202	1904640	39.71	nq	99
79) Butylbenzylphthalate	13.20	149	746697	38.60	nq	96
80) Benzo(a)anthracene	13.75	228	1557722	37.38	nq	99
81) 3,3'-Dichlorobenzidine	13.73	252	655155	43.56	nq	# 95
82) Chrysene	13.78	228	1323342	34.00	nq	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	1056613	39.49	nq	99
84) Di-n-octyl phthalate	14.38	149	1826147	42.29	nq	99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1168850	40.62	nq	100
87) Benzo(b)fluoranthene	14.74	252	2527562	71.06	nq	# 98
88) Benzo(k)fluoranthene	14.74	252	2529622	83.81	nq	99
89) Benzo(a)pyrene	15.05	252	1178599	38.67	nq	# 96
90) Dibenzo(a,h)anthracene	16.35	278	950308	42.56	nq	99
91) Benzo(g,h,i)perylene	16.71	276	961718	42.79	nq	99

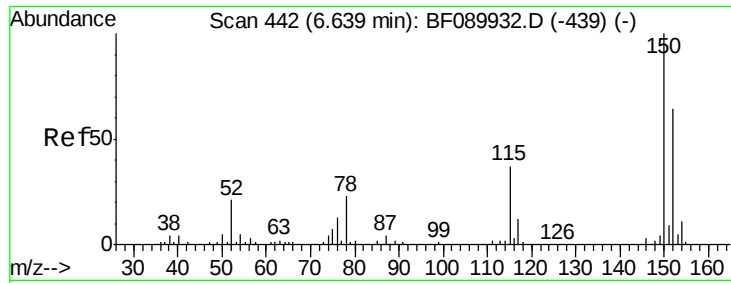
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF090216\  
Data File : BF089972.D  
Acq On    : 2 Sep 2016 12:54  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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BNA_F
ClientSampleId :

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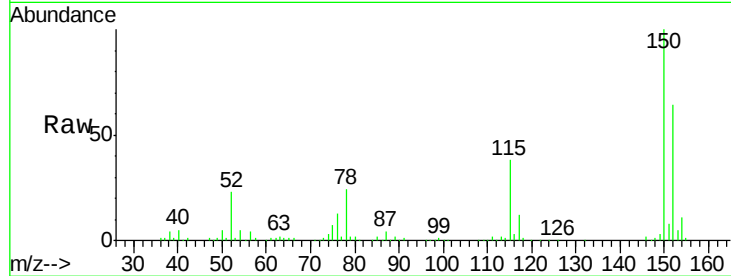


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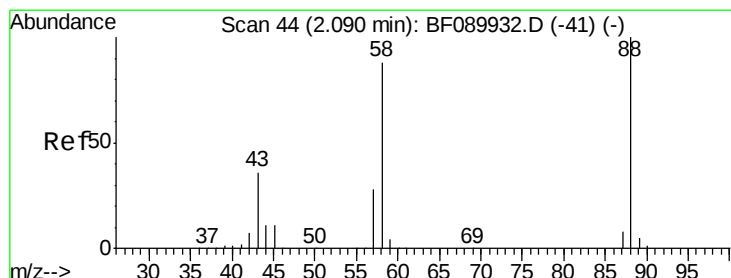
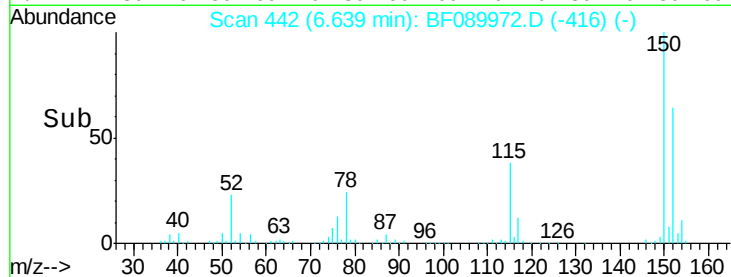
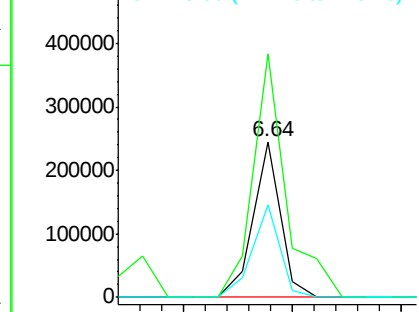
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 212970
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.2
115 59.4 46.3 69.5



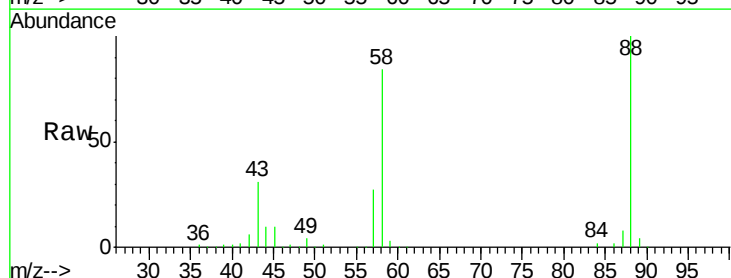
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



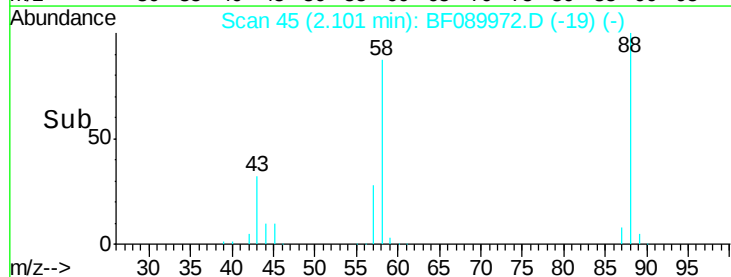
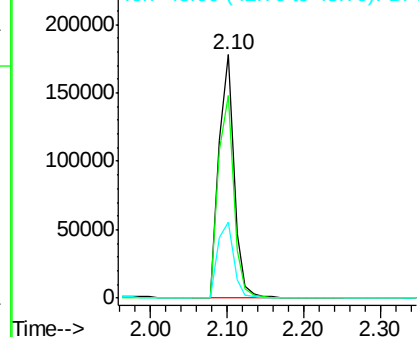
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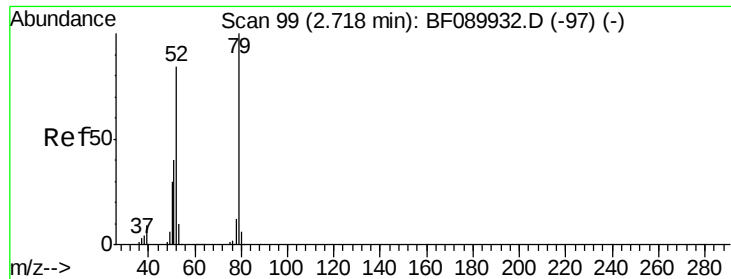
1,4-Dioxane
Concen: 39.21 ng
RT: 2.10 min Scan# 45
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion: 88 Resp: 247163
Ion Ratio Lower Upper
88 100
58 84.1 68.8 103.2
43 32.8 27.0 40.6



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

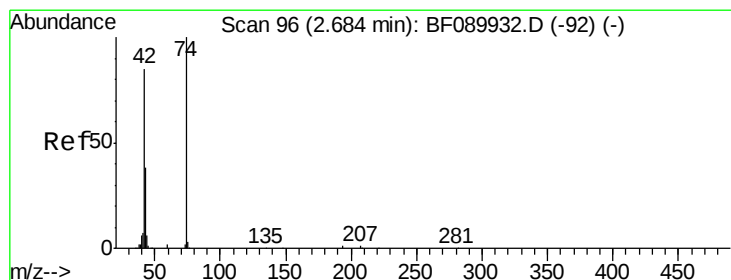
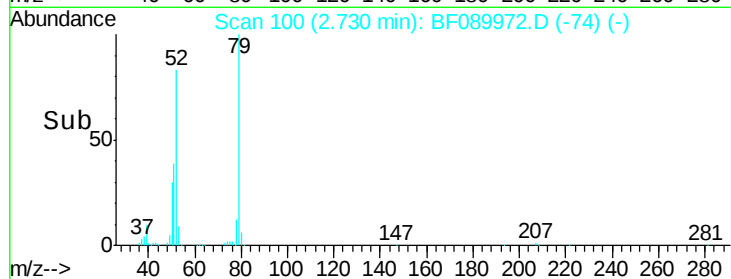
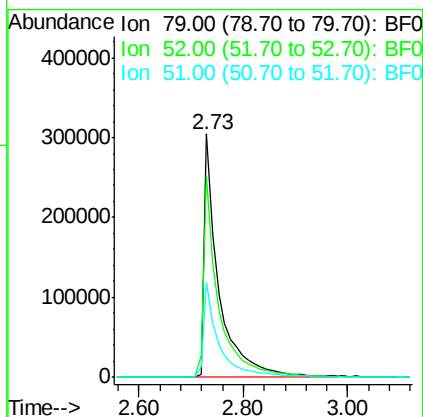
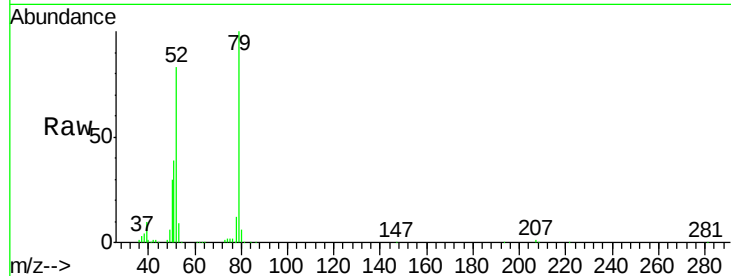




#3
 Pvridine
 Concen: 35.76 ng
 RT: 2.73 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

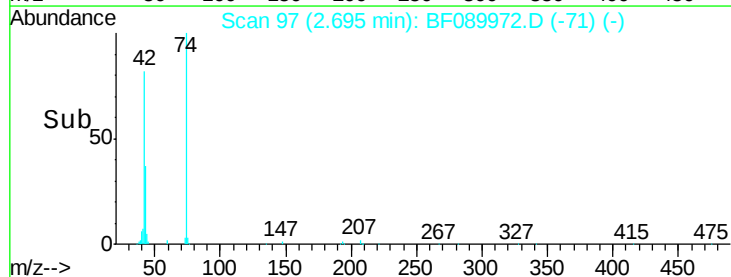
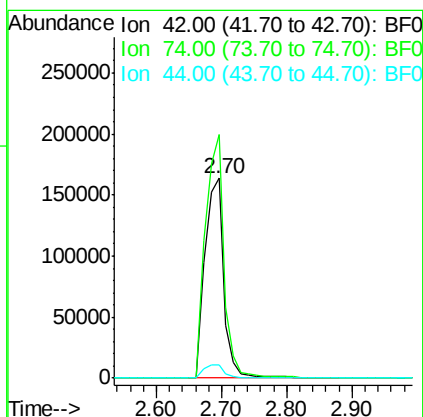
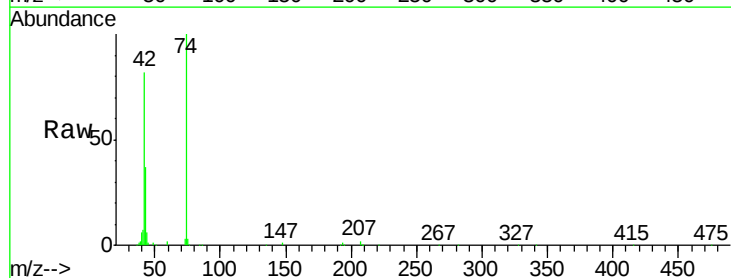
Instrument :
 BNA_F
 ClientSampleId :

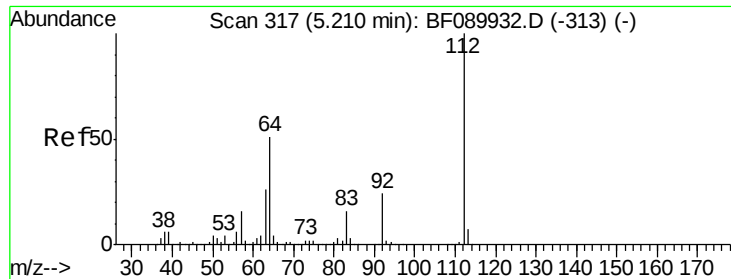
Tot Ion: 79 Resp: 601418
 Ion Ratio Lower Upper
 79 100
 52 82.6 67.8 101.6
 51 39.0 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 39.93 ng
 RT: 2.70 min Scan# 97
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Tgt Ion: 42 Resp: 331190
 Ion Ratio Lower Upper
 42 100
 74 122.0 92.0 138.0
 44 6.7 5.8 8.8





#5

2-Fluorophenol

Concen: 74.59 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

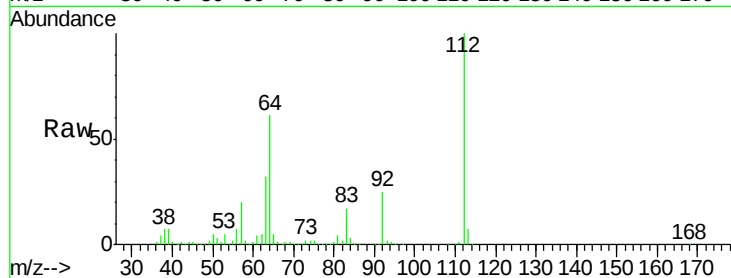
Tot Ion:112 Resp: 992426

Ion Ratio Lower Upper

112 100

64 60.6 41.1 61.7

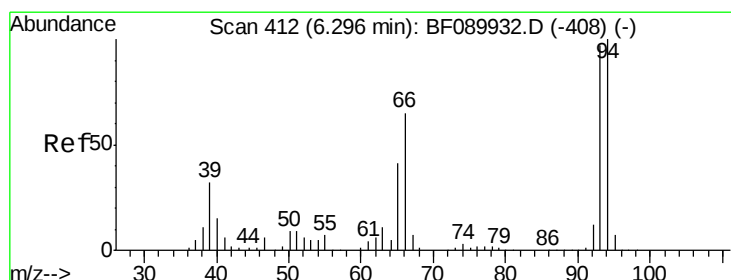
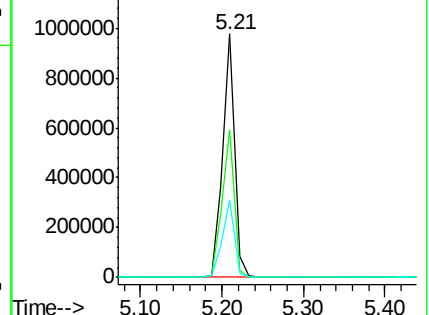
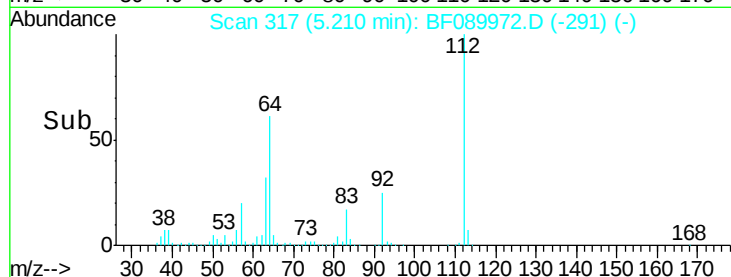
63 31.6 21.2 31.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.75 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

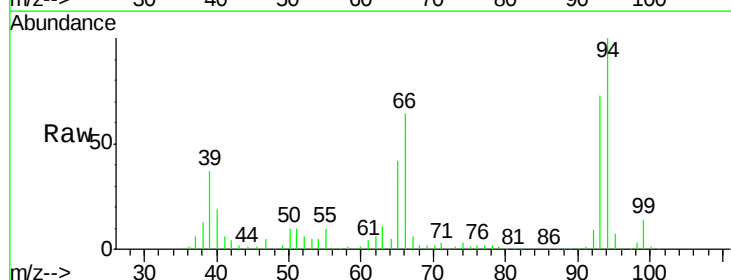
Tgt Ion: 93 Resp: 854757

Ion Ratio Lower Upper

93 100

66 87.5 52.9 79.3#

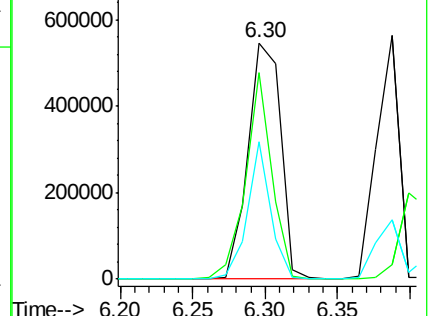
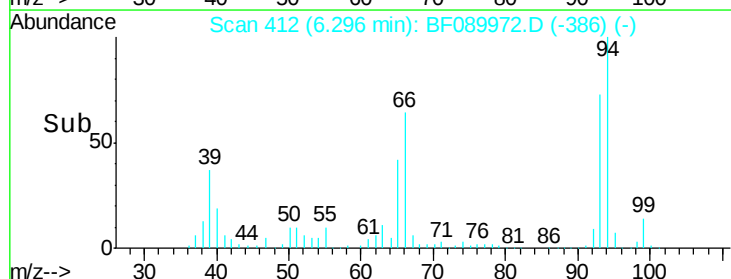
65 58.0 33.0 49.6#

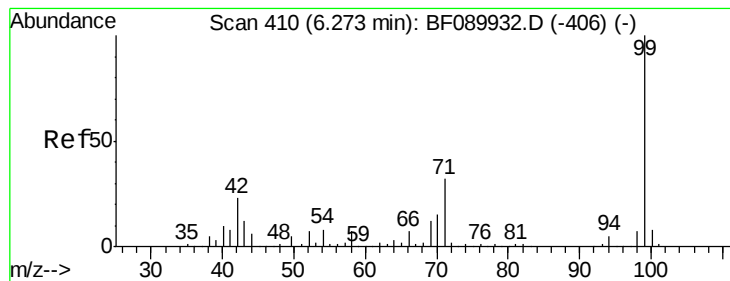


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.55 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampled :

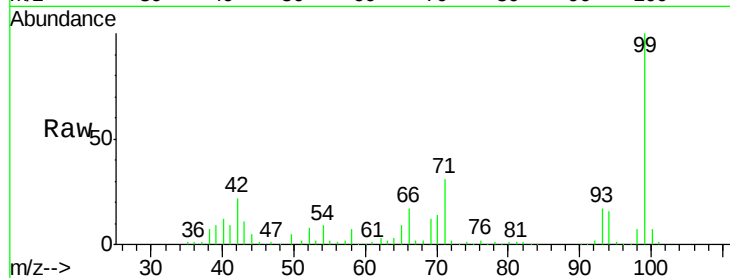
Tot Ion: 99 Resp: 1237632

Ion Ratio Lower Upper

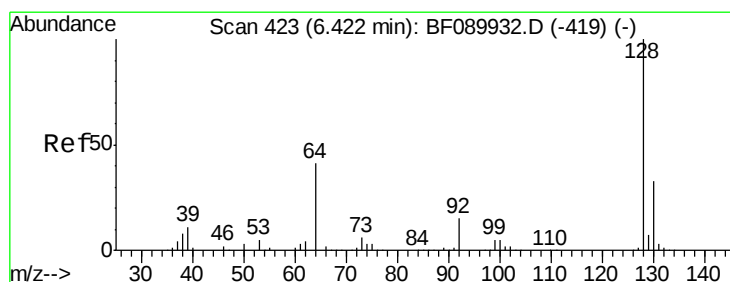
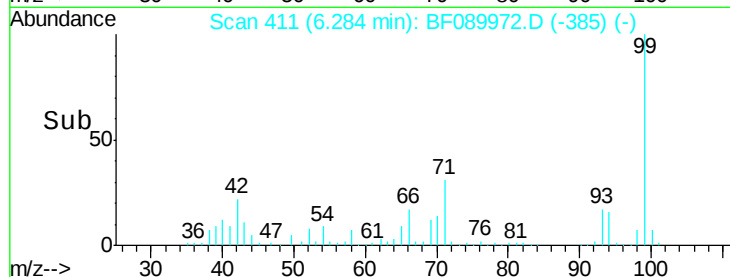
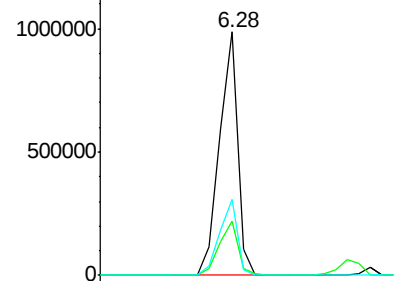
99 100

42 22.4 18.6 27.8

71 31.0 25.8 38.6



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: 39.71 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

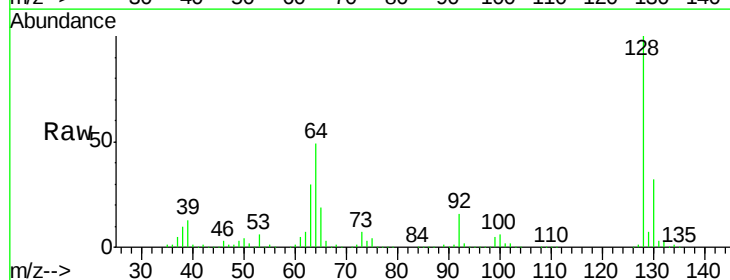
Tgt Ion: 128 Resp: 573249

Ion Ratio Lower Upper

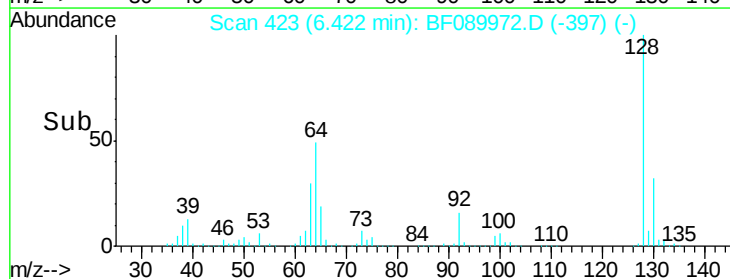
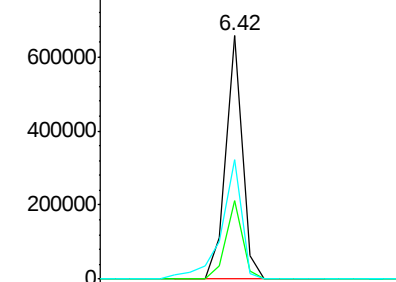
128 100

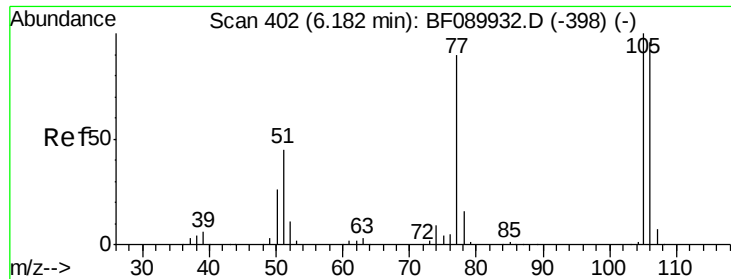
130 32.5 12.8 52.8

64 49.1 23.2 63.2



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: 39.51 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampled :

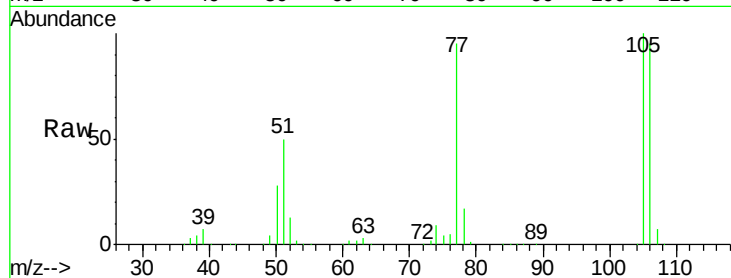
Tot Ion: 77 Resp: 412092

Ion Ratio Lower Upper

77 100

105 105.7 85.4 125.4

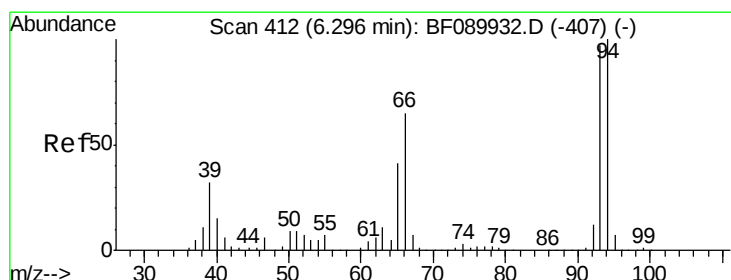
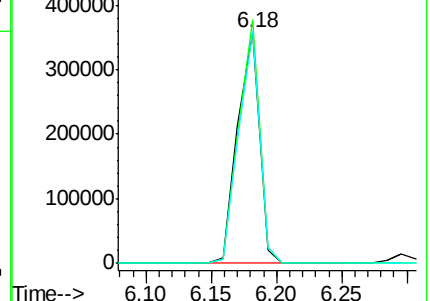
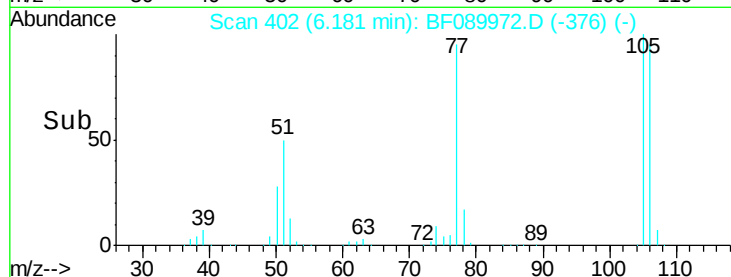
106 100.8 83.4 123.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.68 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

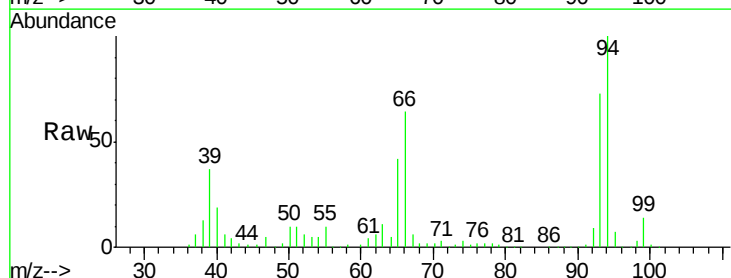
Tgt Ion: 94 Resp: 689519

Ion Ratio Lower Upper

94 100

65 42.3 23.2 63.2

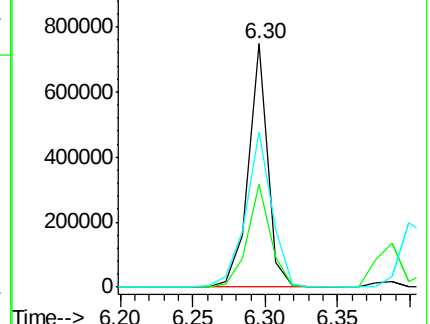
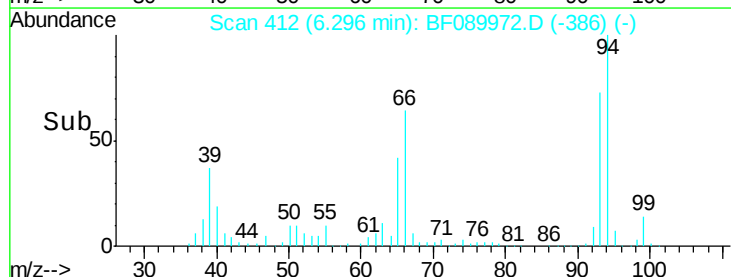
66 63.9 49.2 89.2

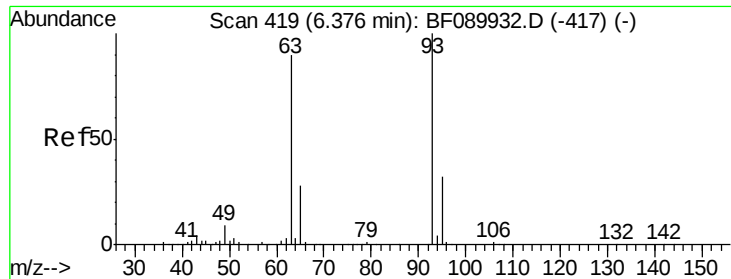


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.07 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

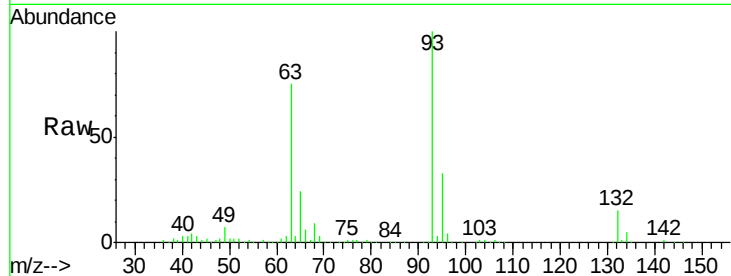
Tot Ion: 93 Resp: 598487

Ion Ratio Lower Upper

93 100

63 74.7 71.1 111.1

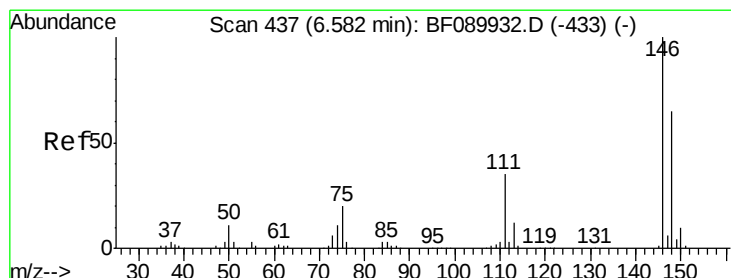
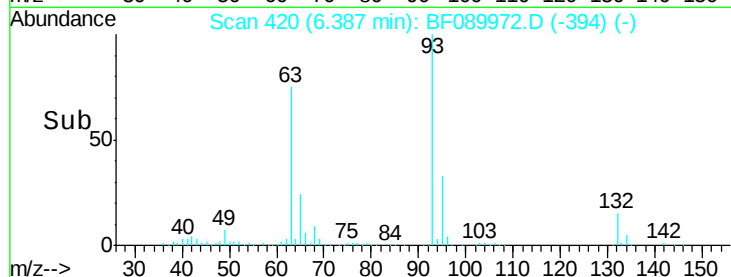
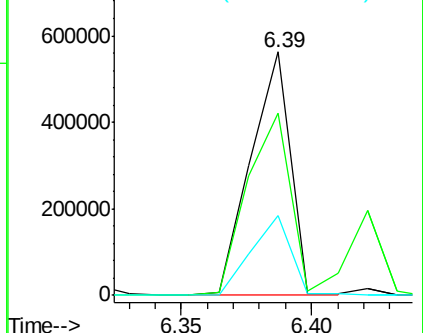
95 32.9 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.26 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

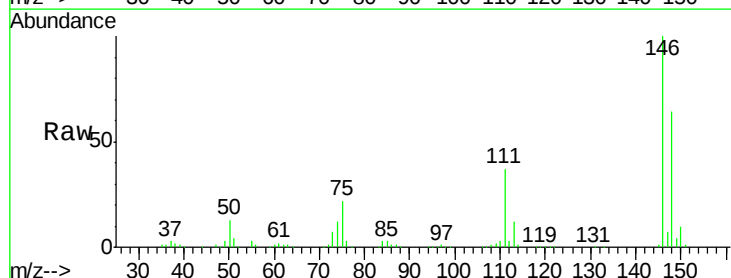
Tgt Ion: 146 Resp: 665148

Ion Ratio Lower Upper

146 100

148 64.2 52.5 78.7

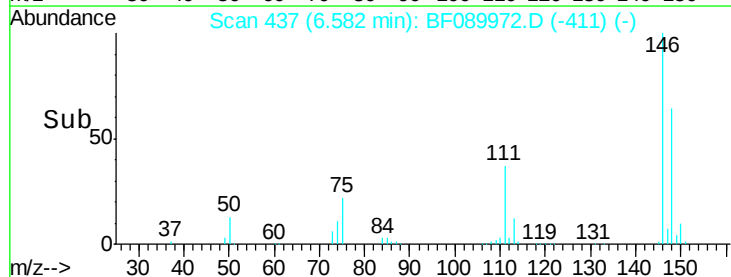
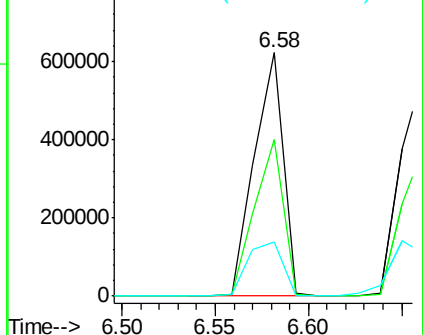
75 22.1 16.6 24.8

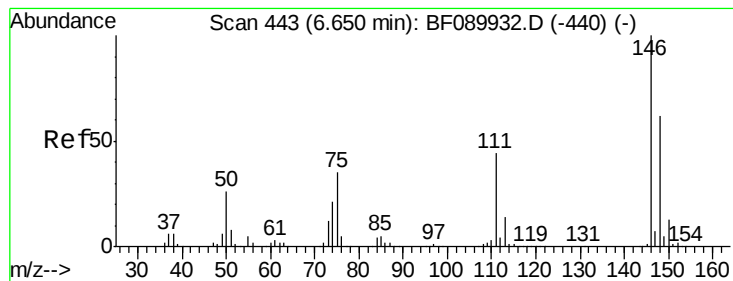


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.32 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.08 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

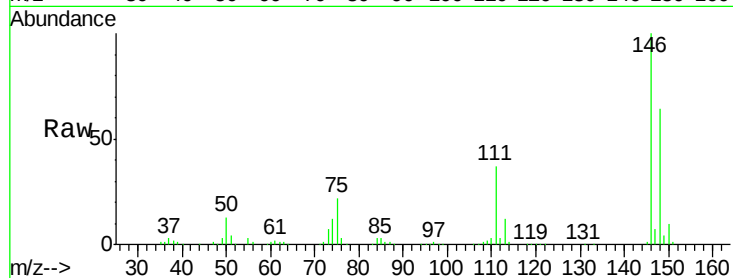
Tot Ion:146 Resp: 665148

Ion Ratio Lower Upper

146 100

148 64.2 50.1 75.1

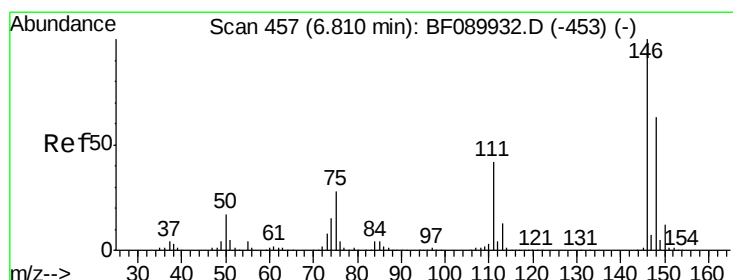
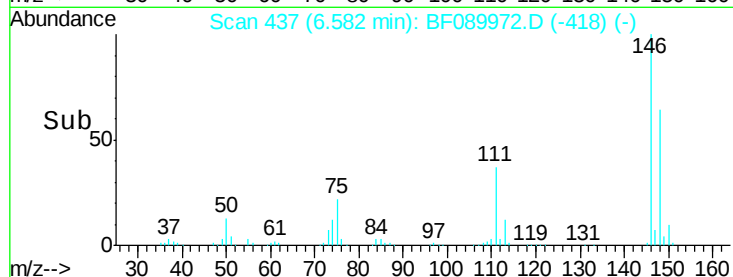
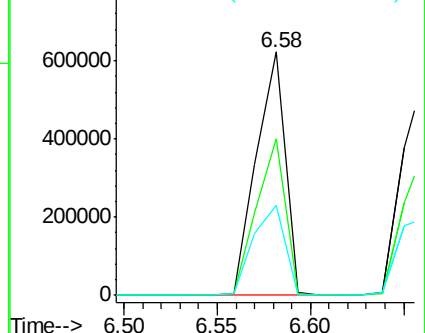
111 37.2 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.81 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

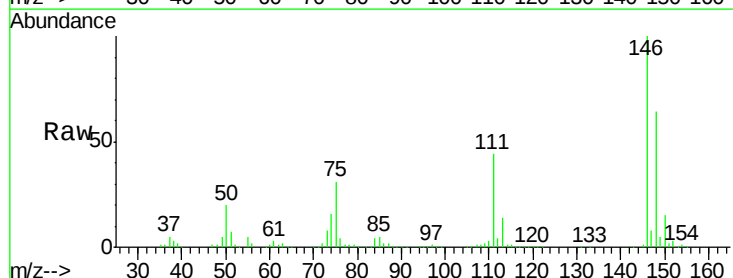
Tgt Ion:146 Resp: 588661

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.2

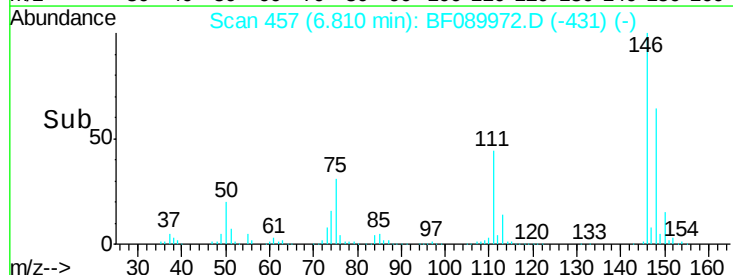
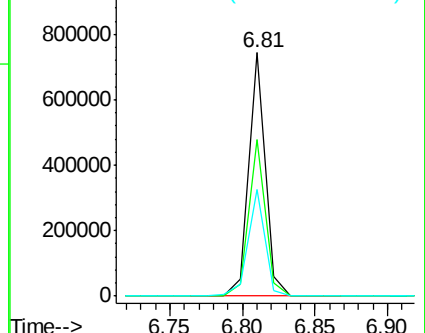
111 44.0 34.6 51.8

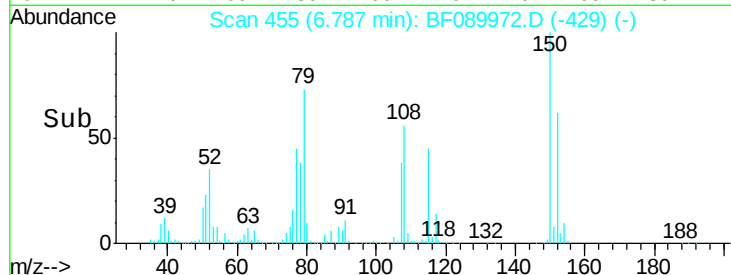
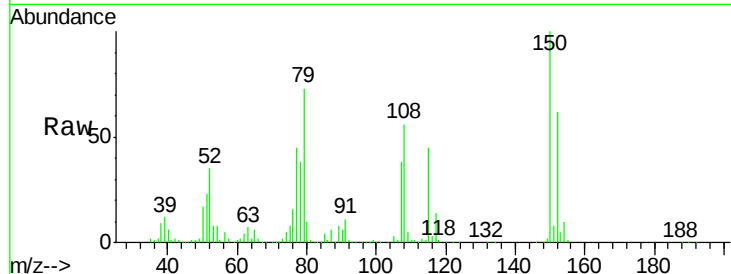
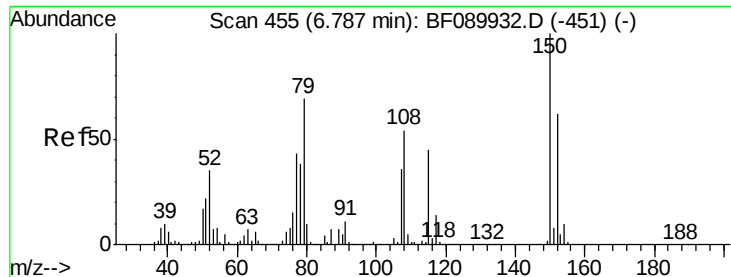


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.47 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

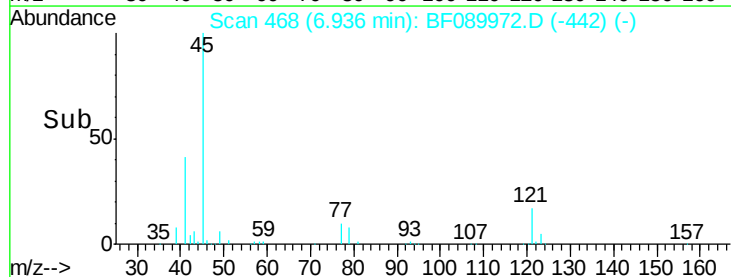
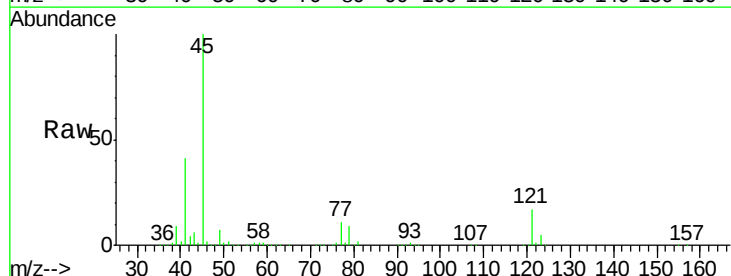
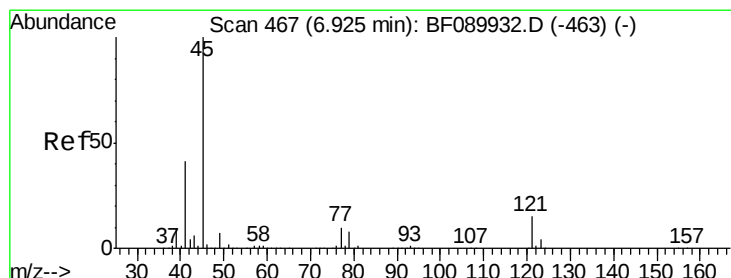
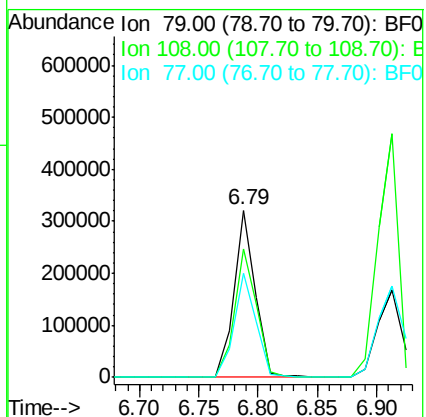
Tot Ion: 79 Resp: 399800

Ion Ratio Lower Upper

79 100

108 76.7 62.1 93.1

77 62.5 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.79 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

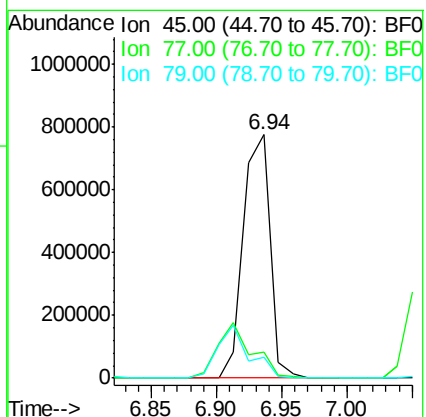
Tgt Ion: 45 Resp: 1106605

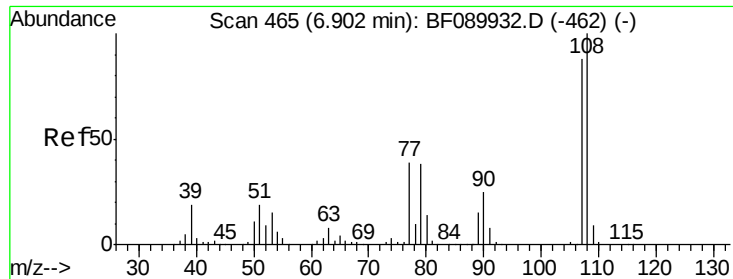
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.3

79 8.7 0.0 27.5

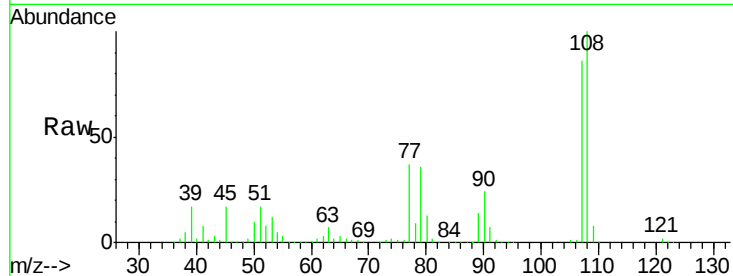




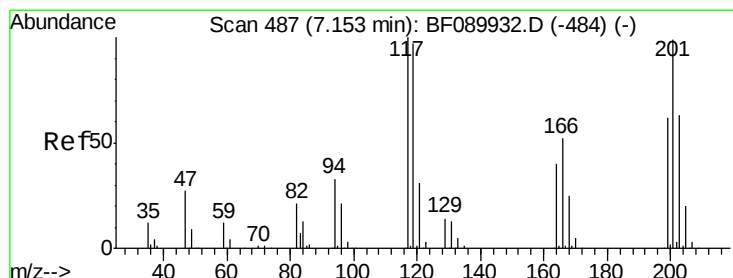
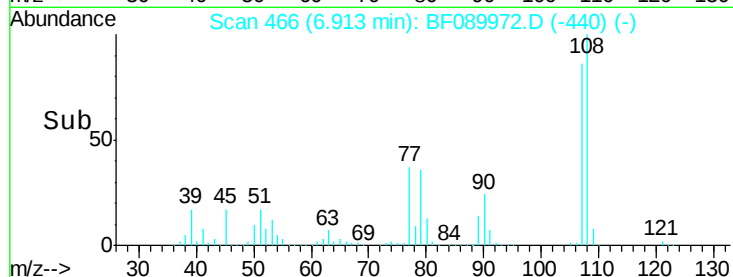
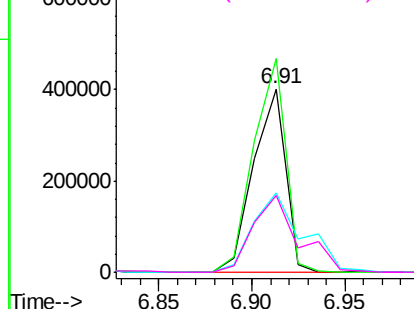
#17
2-Methylphenol
Concen: 41.40 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 477257
Ion Ratio Lower Upper
107 100
108 116.7 91.8 137.6
77 43.7 36.0 54.0
79 42.2 35.9 53.9

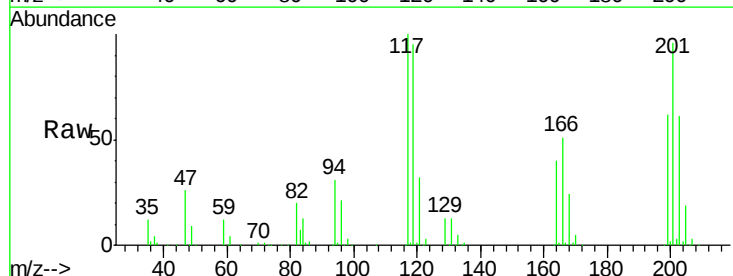


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

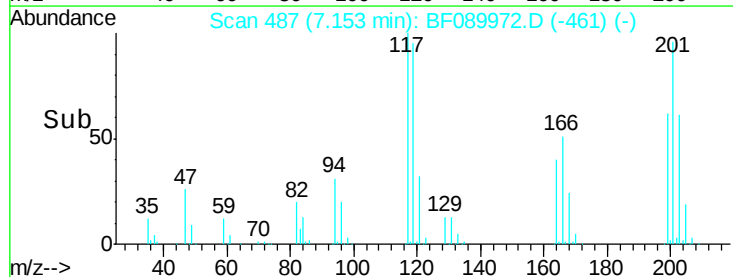
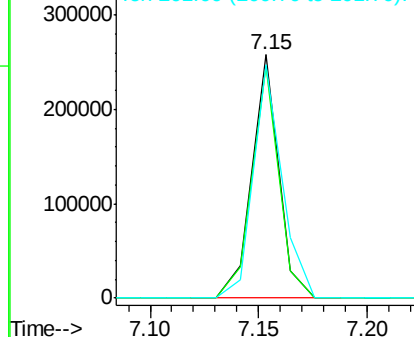


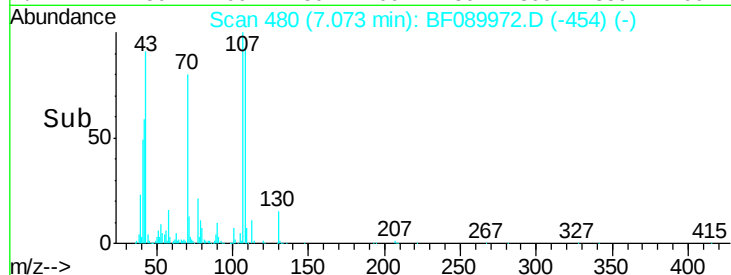
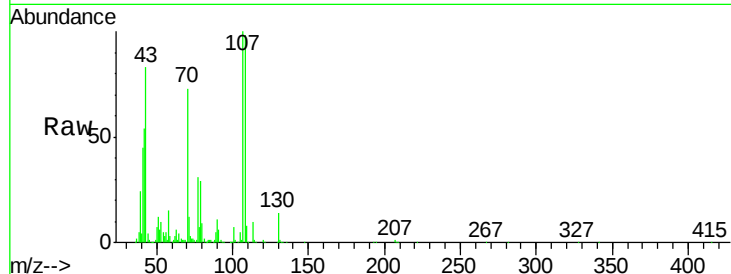
#18
Hexachloroethane
Concen: 38.94 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion:117 Resp: 220032
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.2
201 96.0 80.2 120.2



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

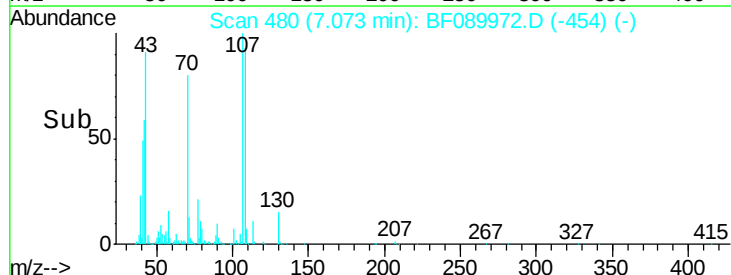
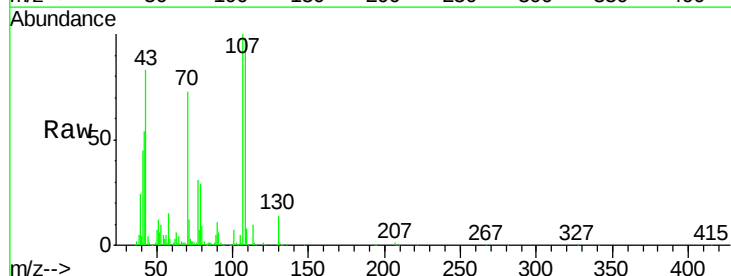
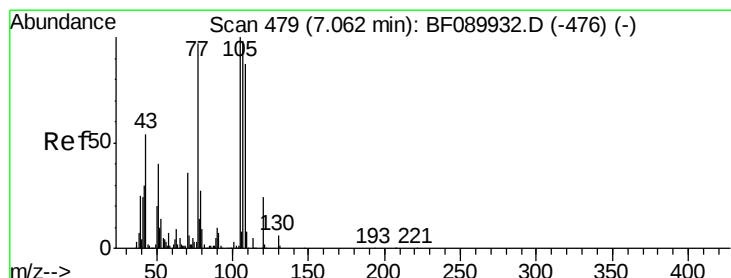
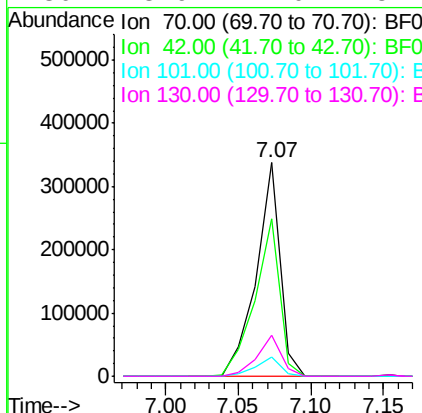




#19
n-Nitroso-di-n-propylamine
Concen: 36.65 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

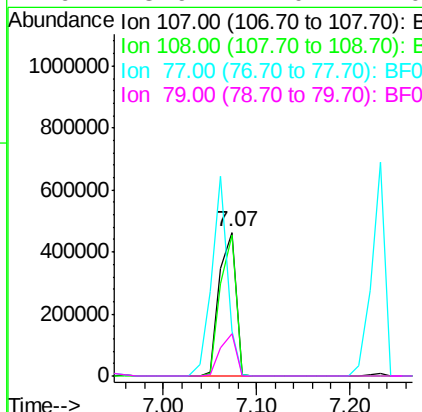
Instrument :
BNA_F
ClientSampleId :

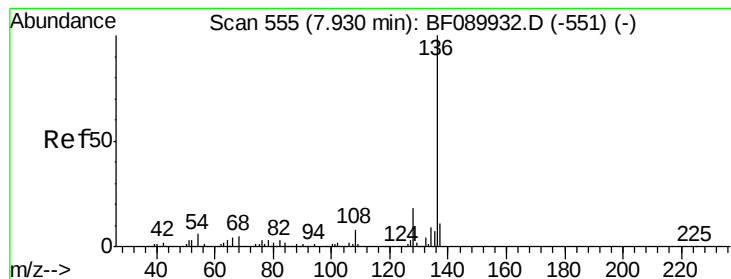
Tot Ion: 70 Resp: 386135
Ion Ratio Lower Upper
70 100
42 73.7 52.1 78.1
101 8.9 7.4 11.2
130 18.9 17.0 25.4



#20
3+4-Methylphenols
Concen: 40.99 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion: 107 Resp: 572822
Ion Ratio Lower Upper
107 100
108 98.0 70.2 110.2
77 30.9 75.7 115.7#
79 28.9 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 912339

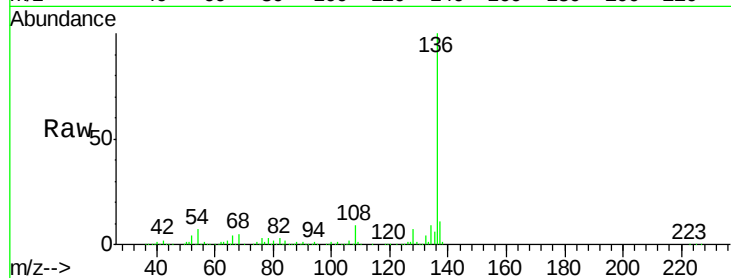
Ion Ratio Lower Upper

136 100

137 10.9 8.3 12.5

54 7.2 4.8 7.2#

68 5.2 3.7 5.5

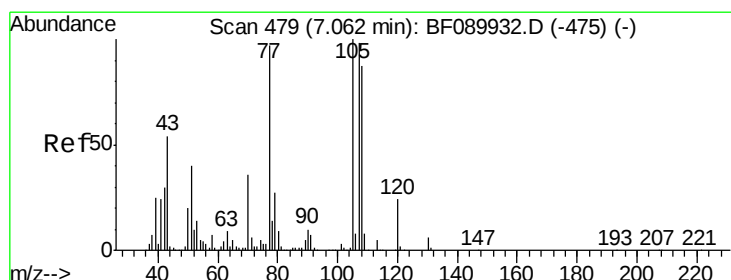
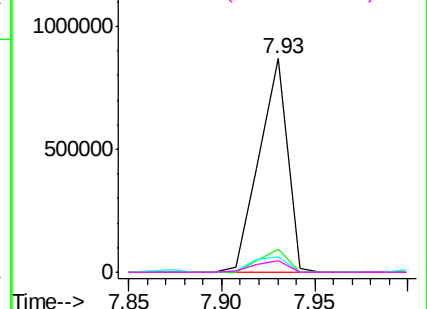
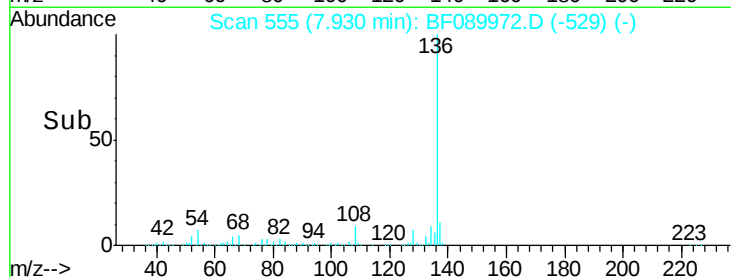


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.89 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Tgt Ion:105 Resp: 775524

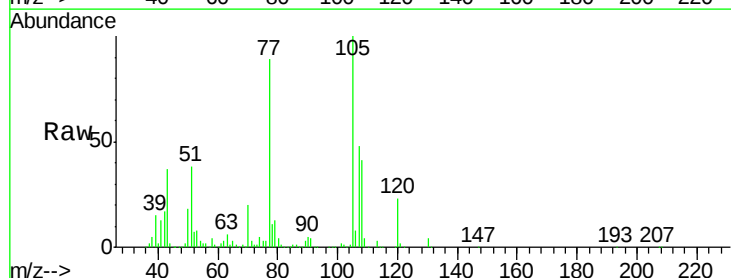
Ion Ratio Lower Upper

105 100

71 3.2 5.3 7.9#

51 38.2 32.6 48.8

120 22.6 18.6 28.0

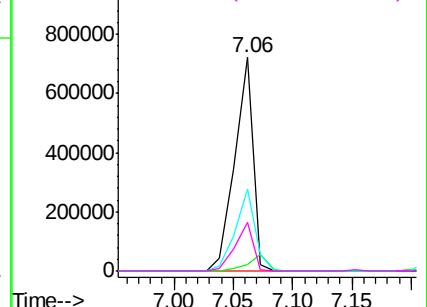
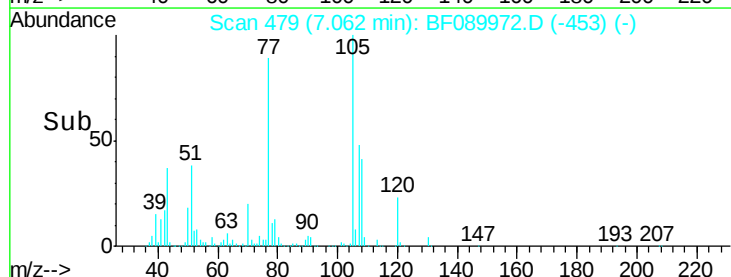


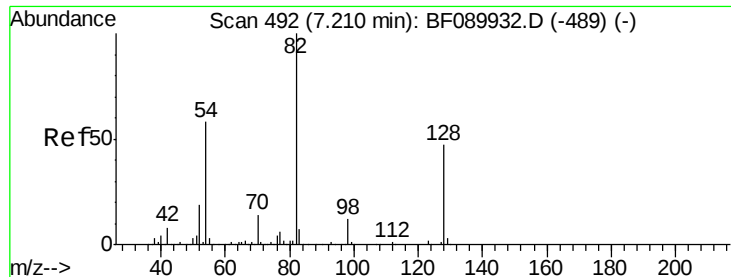
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

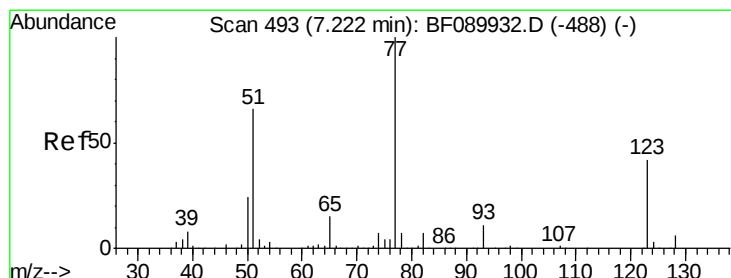
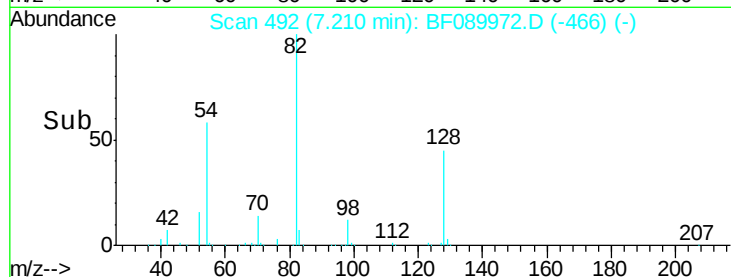
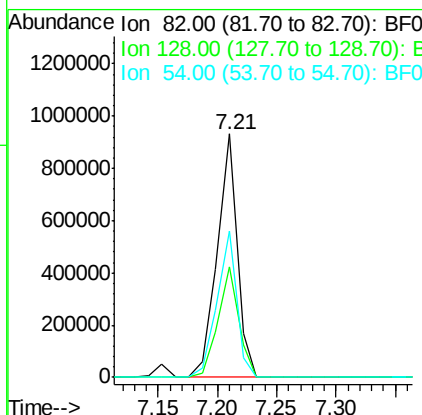
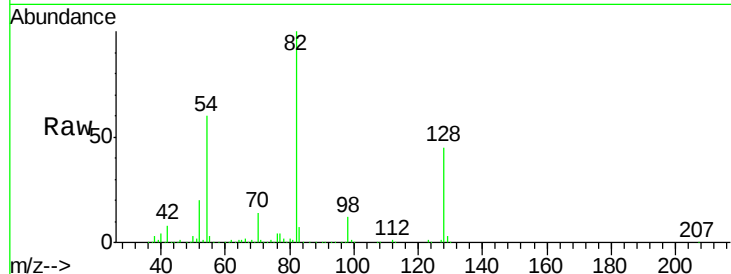




#23
 Nitrobenzene-d5
 Concen: 68.61 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

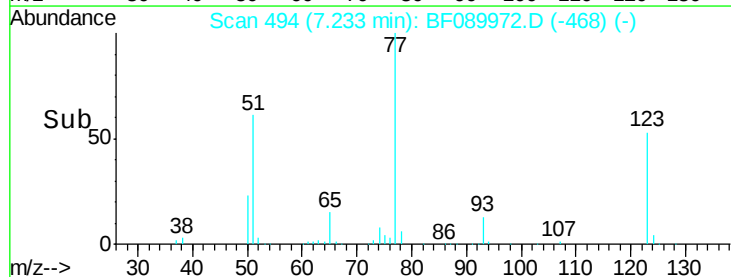
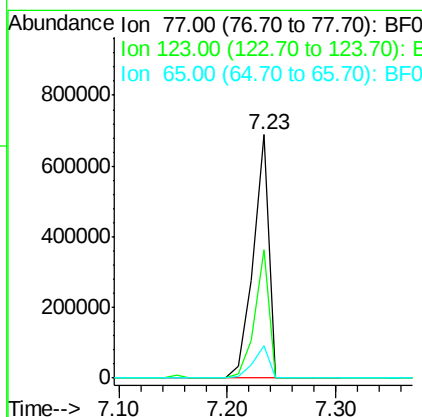
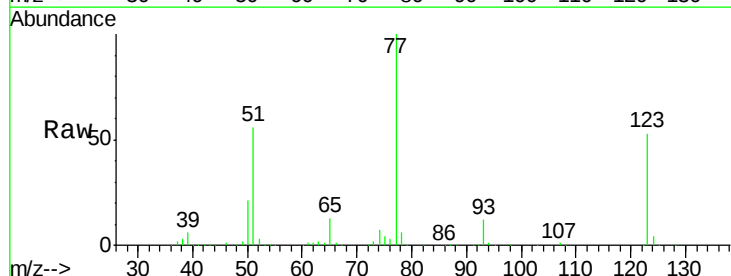
Instrument :
 BNA_F
 ClientSampleID :

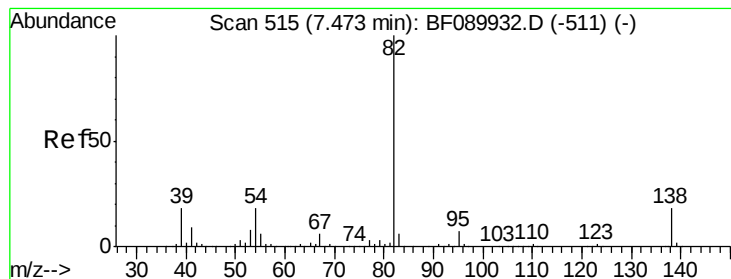
Tot Ion: 82 Resp: 1079332
 Ion Ratio Lower Upper
 82 100
 128 45.2 37.8 56.8
 54 60.0 46.9 70.3



#24
 Nitrobenzene
 Concen: 41.19 ng
 RT: 7.23 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Tgt Ion: 77 Resp: 688920
 Ion Ratio Lower Upper
 77 100
 123 52.5 32.0 48.0#
 65 13.5 11.2 16.8





#25

Isophorone

Concen: 36.18 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampled :

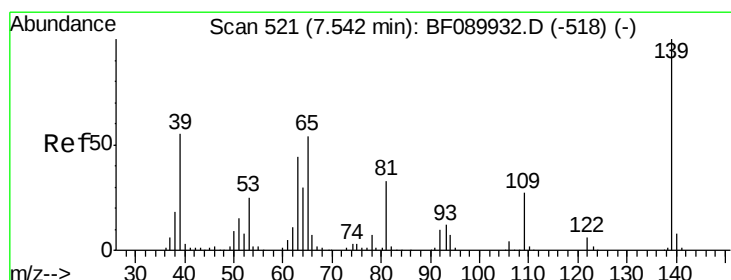
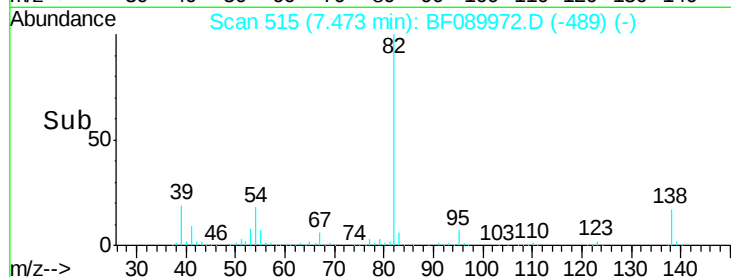
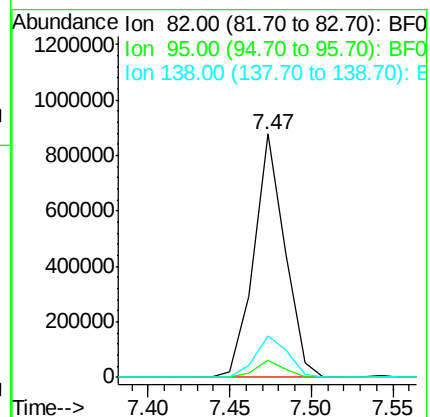
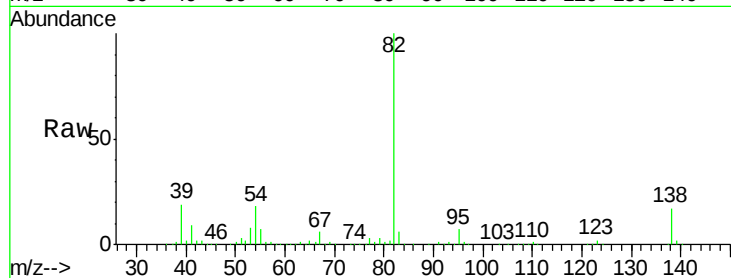
Tot Ion: 82 Resp: 1157394

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 17.0 14.4 21.6



#26

2-Nitrophenol

Concen: 38.34 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

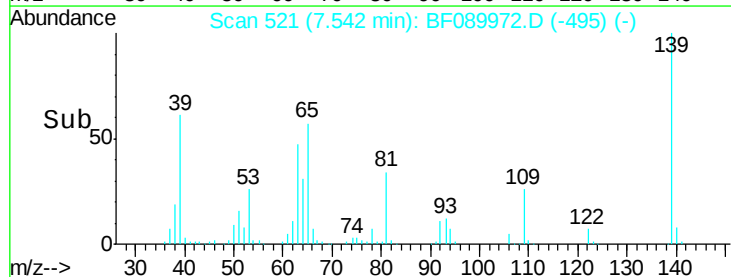
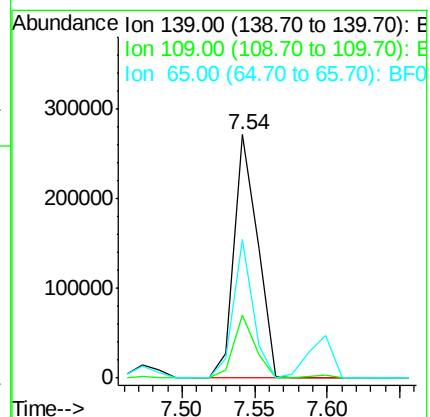
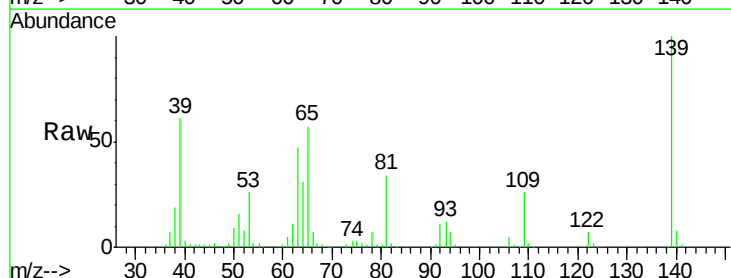
Tgt Ion: 139 Resp: 306547

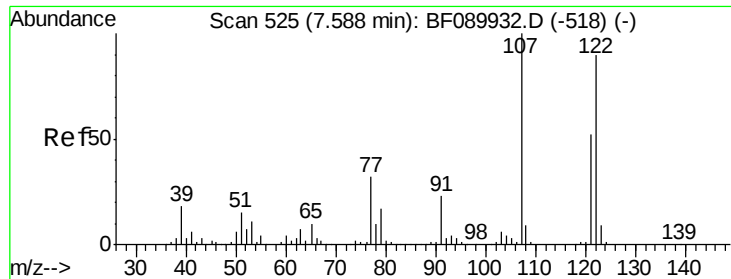
Ion Ratio Lower Upper

139 100

109 26.1 21.0 31.4

65 57.0 43.4 65.0





#27

2,4-Dimethylphenol

Concen: 39.51 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

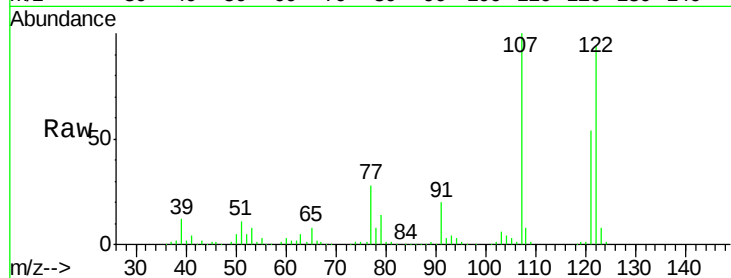
Tot Ion:122 Resp: 584278

Ion Ratio Lower Upper

122 100

107 106.3 88.5 132.7

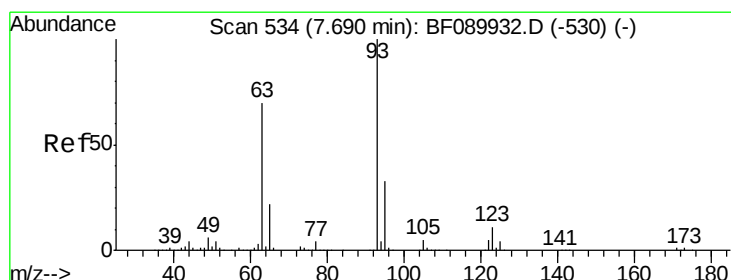
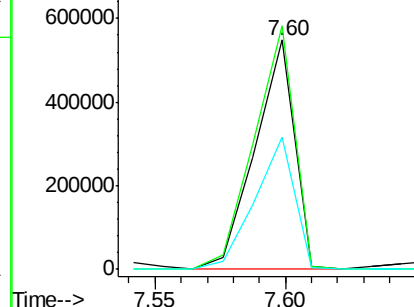
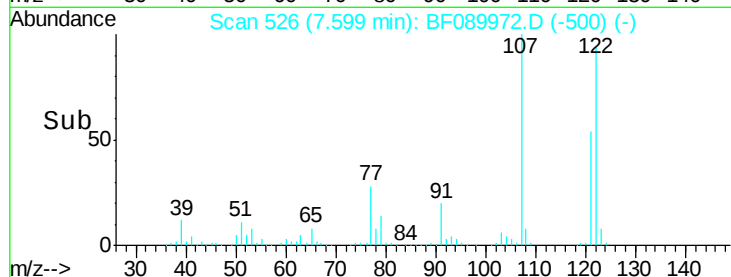
121 57.9 46.0 69.0



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: 35.18 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

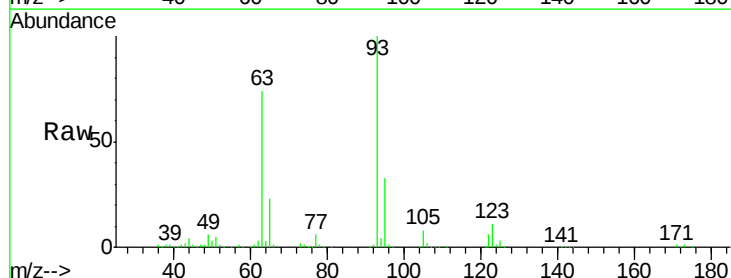
Tgt Ion: 93 Resp: 678836

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

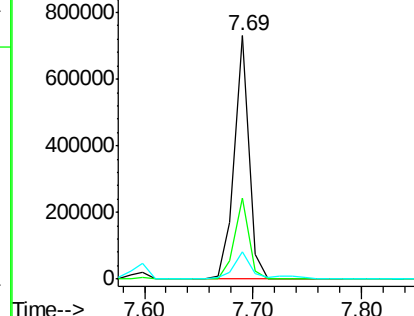
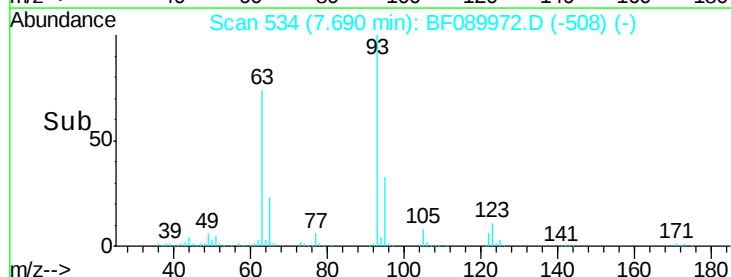
123 11.1 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

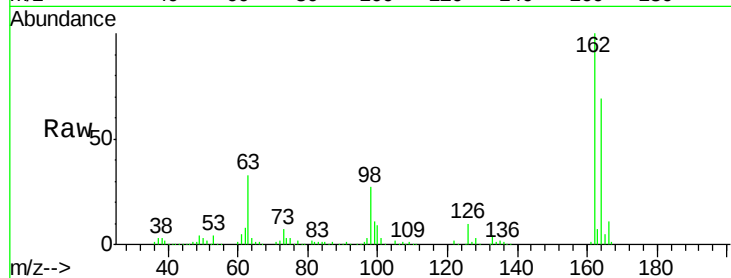




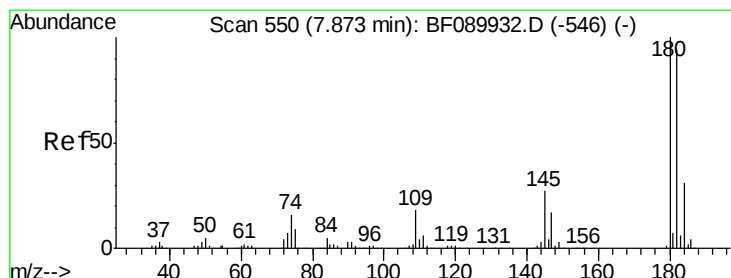
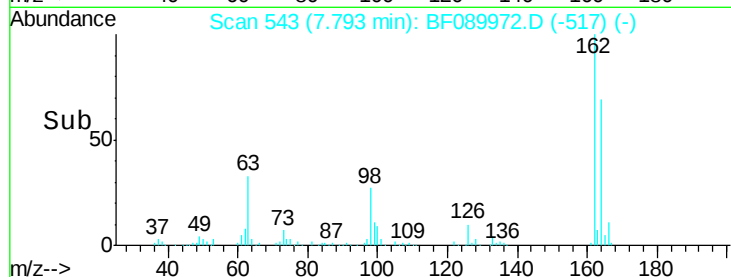
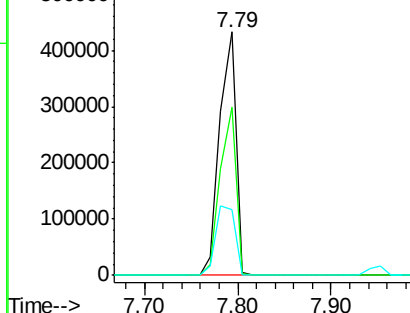
#29
 2,4-Dichlorophenol
 Concen: 39.69 ng
 RT: 7.79 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.2	46.6	86.6
98	26.8	22.0	62.0

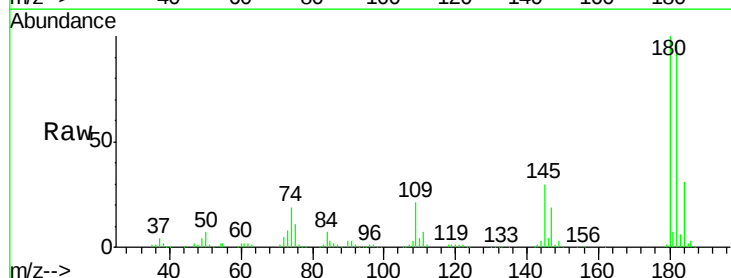


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

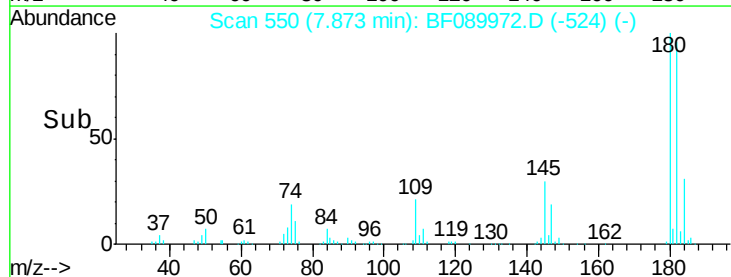
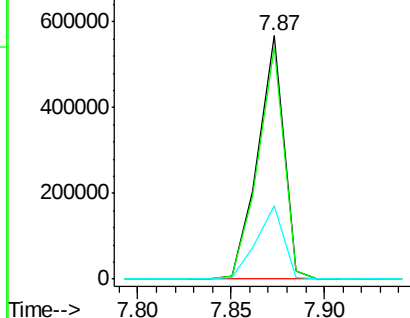


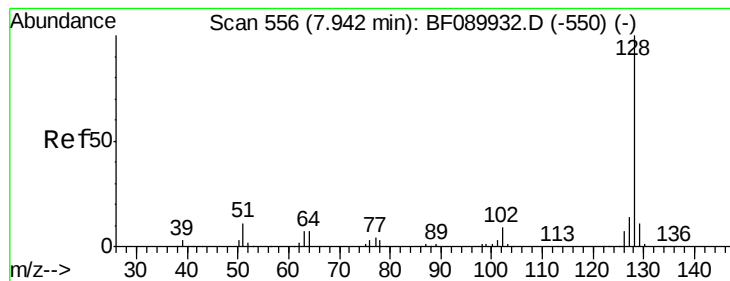
#30
 1,2,4-Trichlorobenzene
 Concen: 37.81 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.2
145	30.2	22.2	33.4



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





#31

Naphthalene

Concen: 37.88 ng

RT: 7.95 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

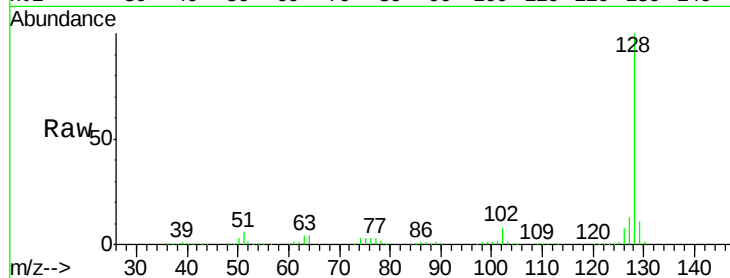
Tot Ion:128 Resp: 1721524

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

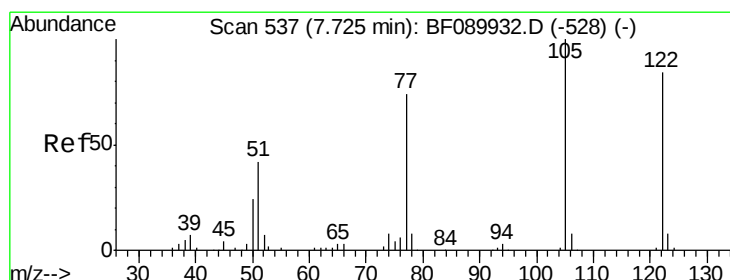
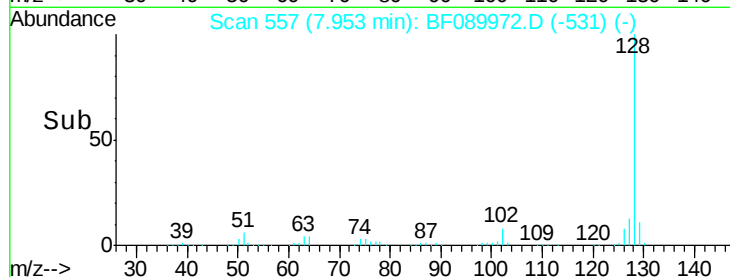
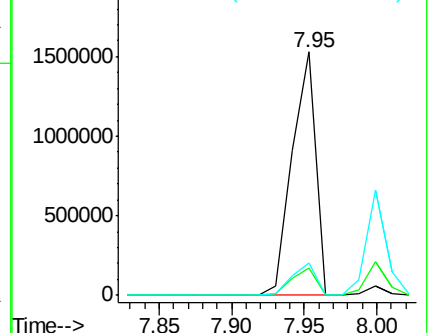
127 13.4 10.7 16.1



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: 42.29 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

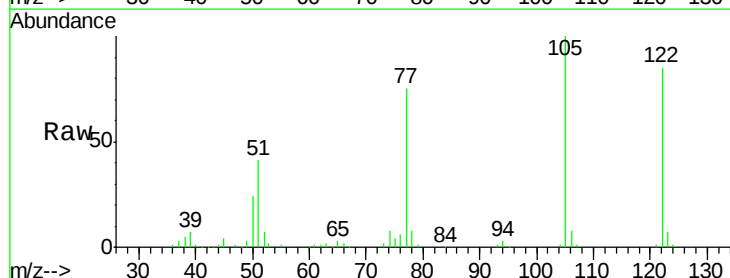
Tgt Ion:122 Resp: 421292

Ion Ratio Lower Upper

122 100

105 117.4 102.2 142.2

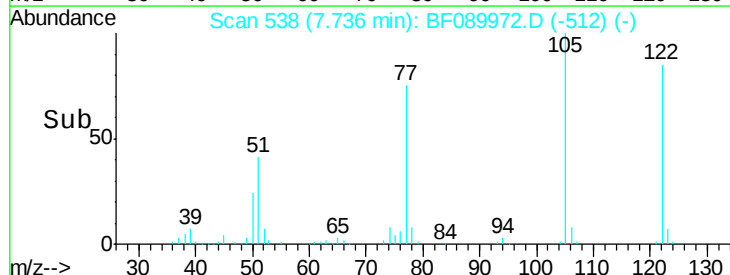
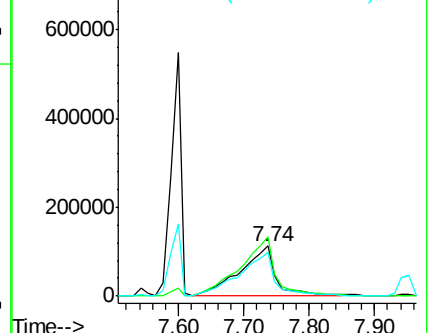
77 88.0 74.1 114.1



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

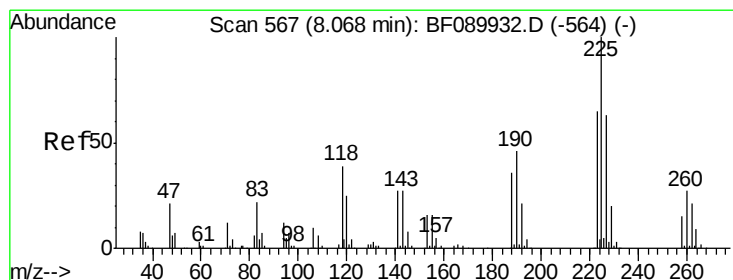
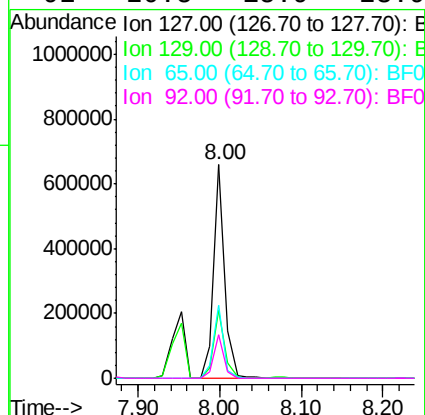
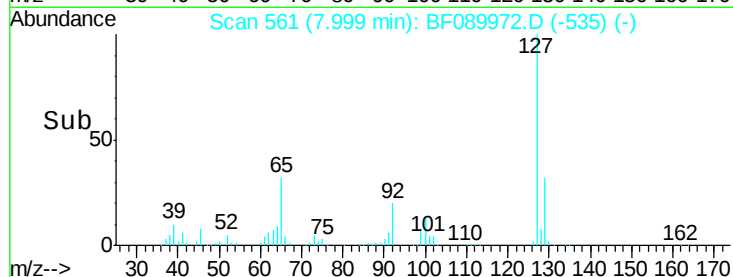
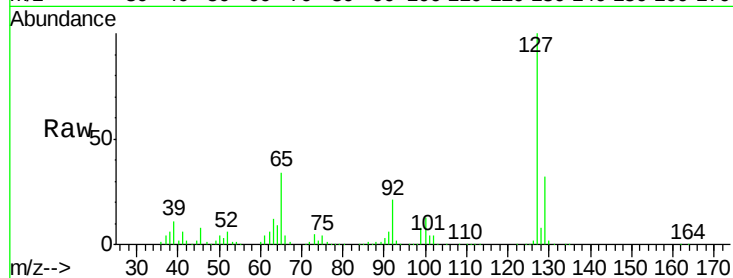




#33
4-Chloroaniline
Concen: 34.79 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

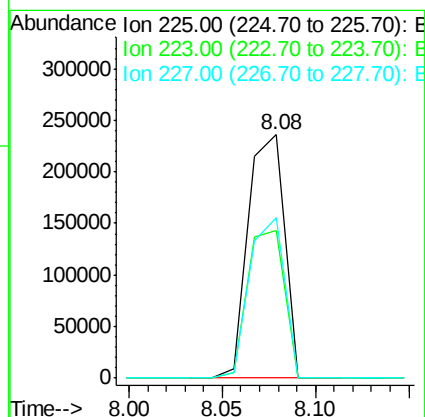
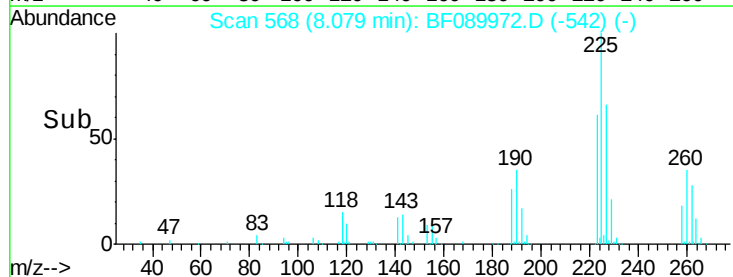
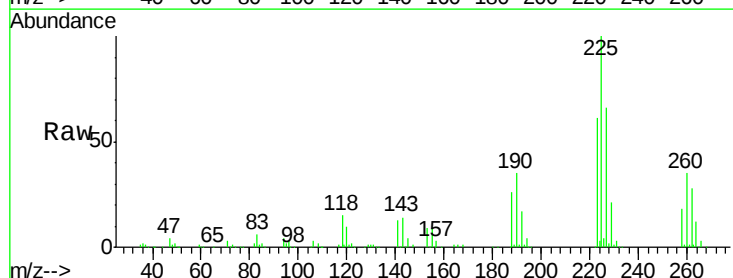
Instrument :
BNA_F
ClientSampleId :

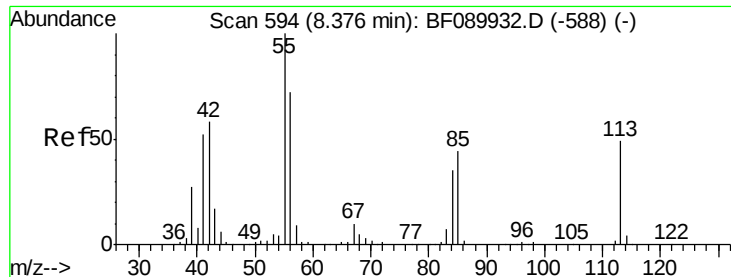
Tot Ion:	127	Resp:	637970
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	34.4	26.0	39.0
92	20.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 37.23 ng
RT: 8.08 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion:	225	Resp:	316247
Ion	Ratio	Lower	Upper
225	100		
223	60.6	52.6	78.8
227	65.9	50.8	76.2

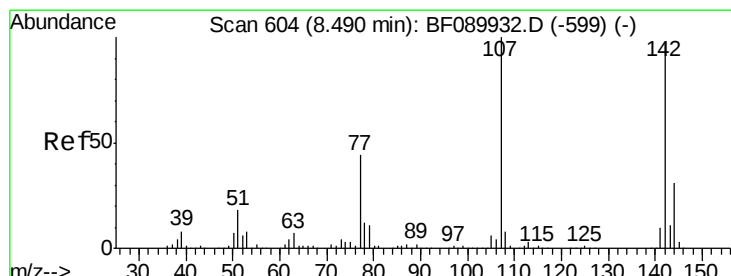
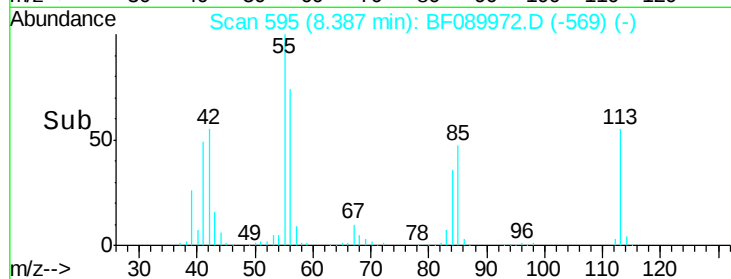
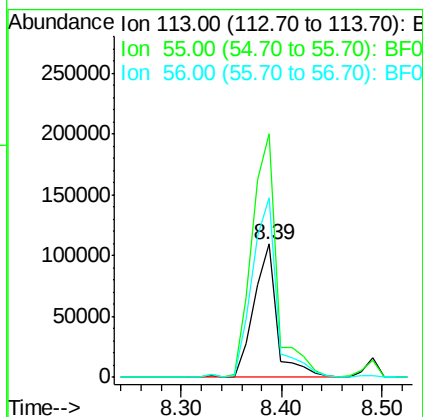
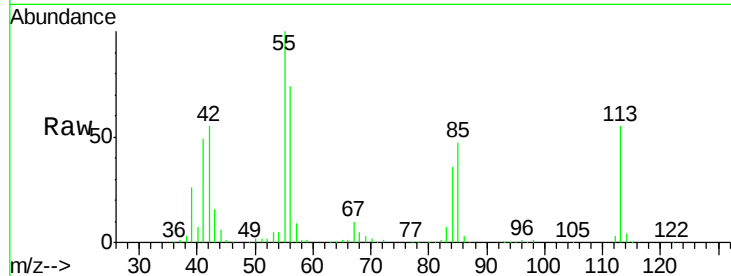




#35
Caprolactam
Concen: 41.75 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

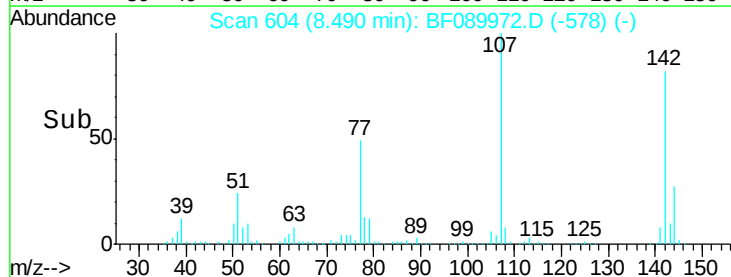
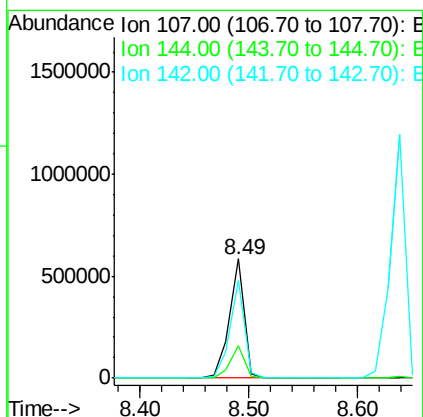
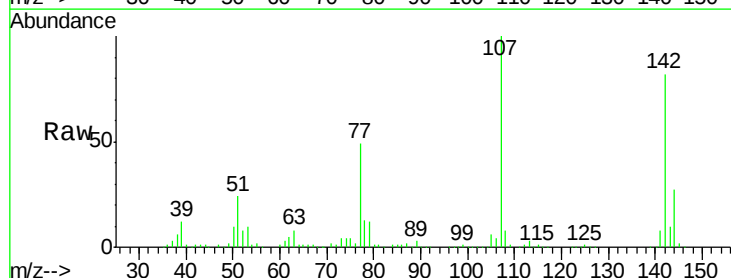
Instrument :
BNA_F
ClientSampled :

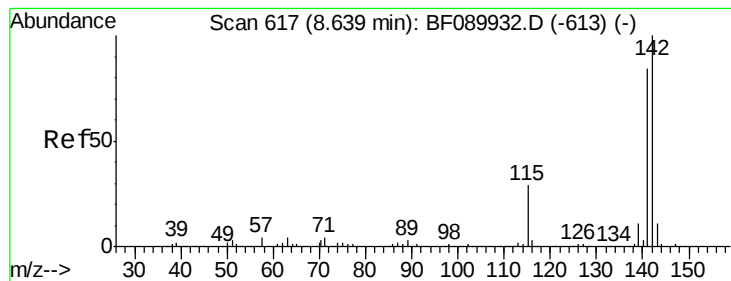
Tot Ion:113 Resp: 174707
Ion Ratio Lower Upper
113 100
55 183.0 178.5 218.5
56 134.6 122.7 162.7



#36
4-Chloro-3-methylphenol
Concen: 39.39 ng
RT: 8.49 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion:107 Resp: 553048
Ion Ratio Lower Upper
107 100
144 27.1 25.8 38.8
142 82.4 79.2 118.8





#37

2-Methylnaphthalene

Concen: 38.47 ng

RT: 8.64 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

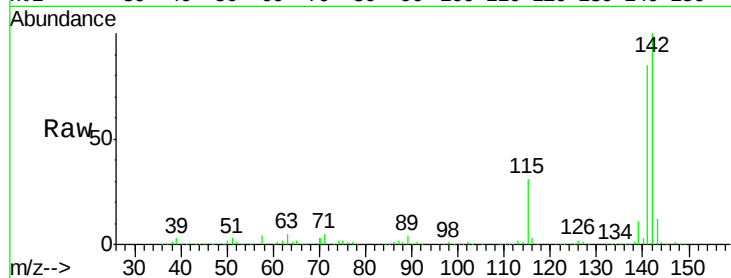
Tot Ion:142 Resp: 1155581

Ion Ratio Lower Upper

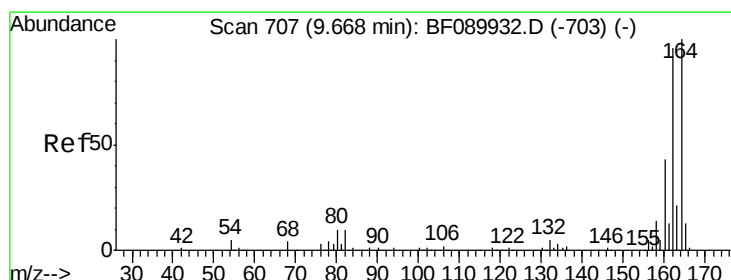
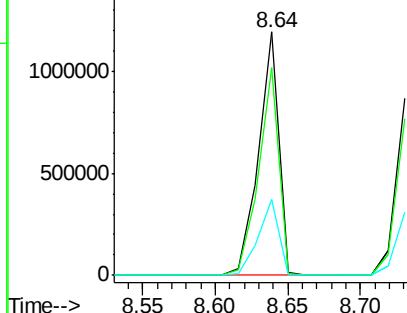
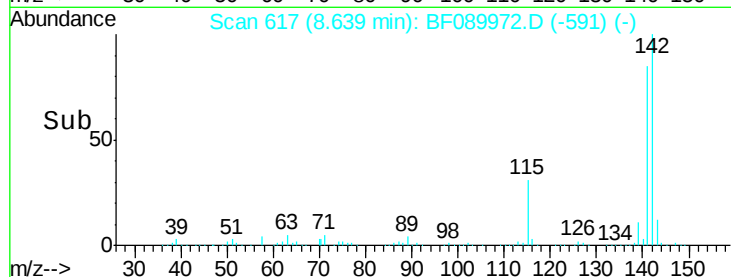
142 100

141 85.1 68.3 102.5

115 31.3 23.8 35.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

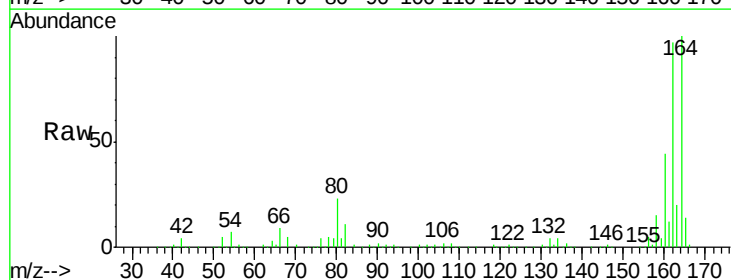
Tgt Ion:164 Resp: 445315

Ion Ratio Lower Upper

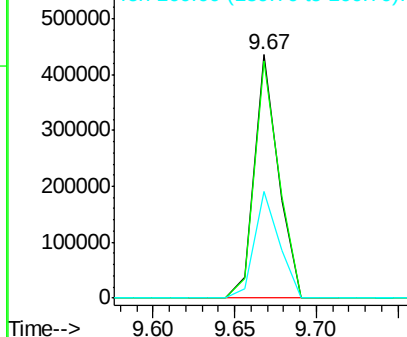
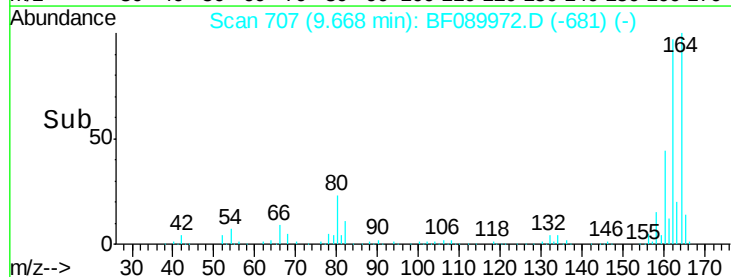
164 100

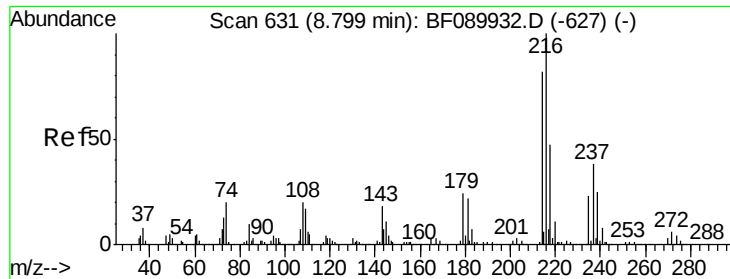
162 97.2 77.1 115.7

160 43.7 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

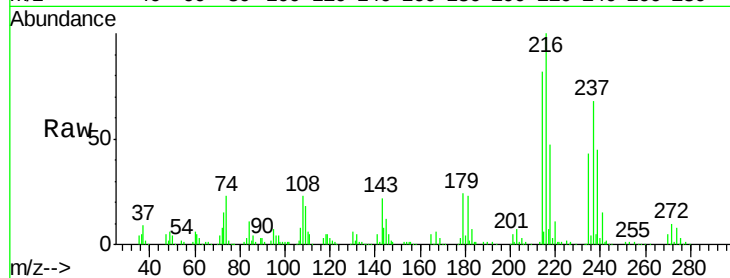




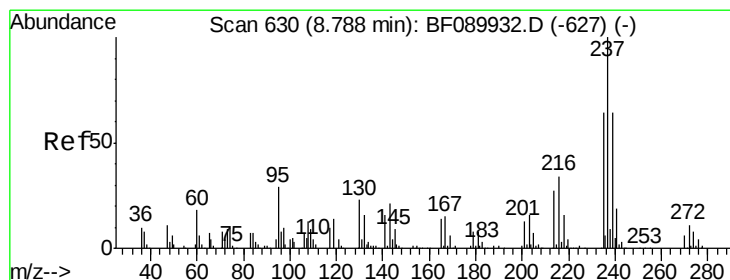
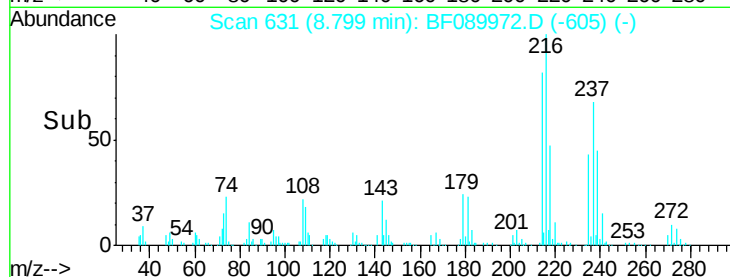
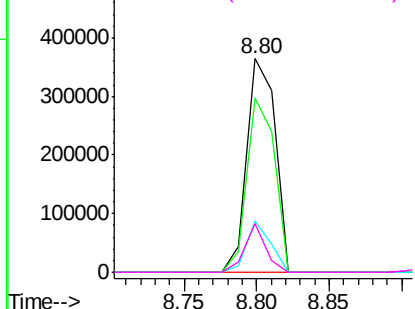
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.78 ng
 RT: 8.80 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	492859
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.2
179	20.3	17.3	25.9
108	17.0	15.5	23.3

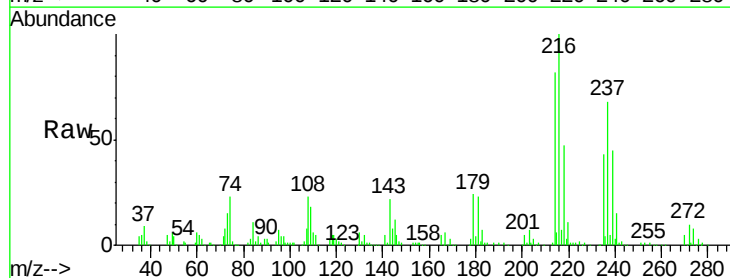


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

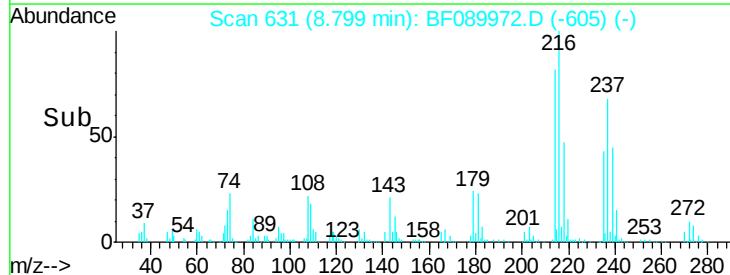
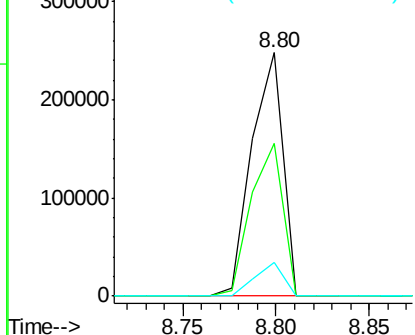


#40
 Hexachlorocyclopentadiene
 Concen: 42.86 ng
 RT: 8.80 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Tgt Ion:	237	Resp:	286668
Ion	Ratio	Lower	Upper
237	100		
235	62.7	39.6	79.6
272	14.0	0.0	34.6



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

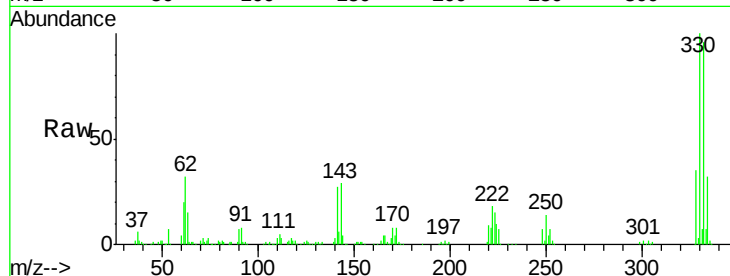




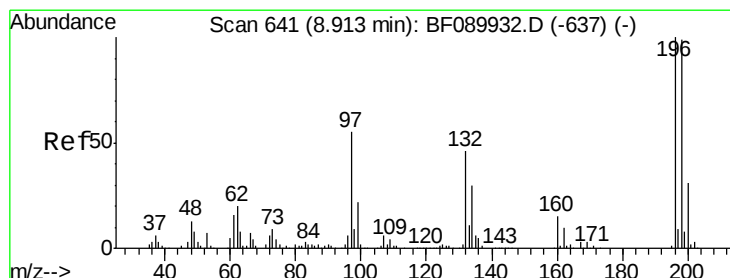
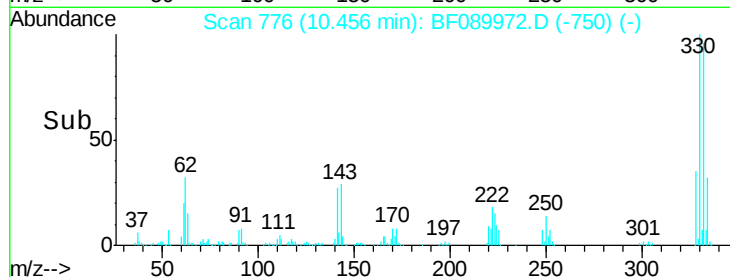
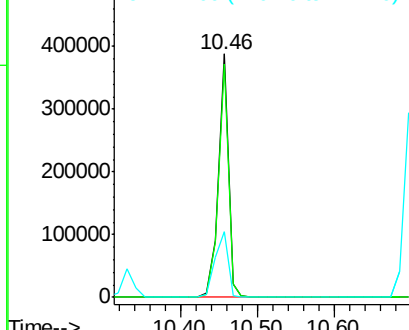
#41
 2,4,6-Tribromophenol
 Concen: 80.18 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.6	117.8
141	34.3	23.3	34.9

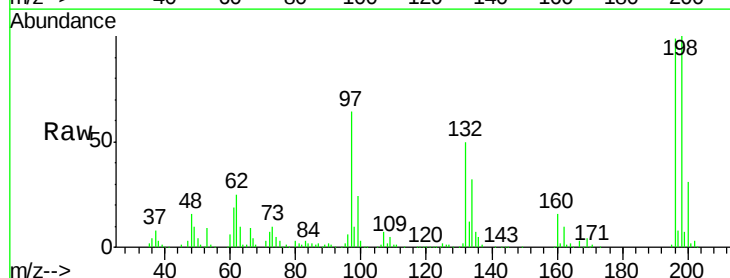


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

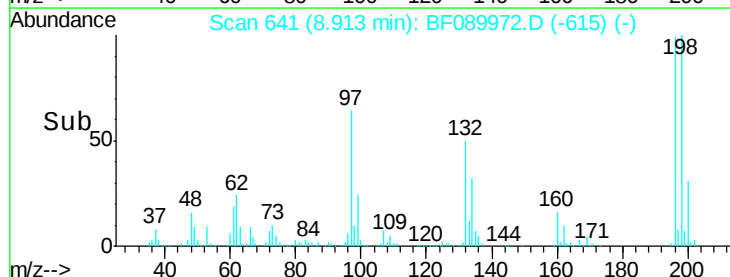
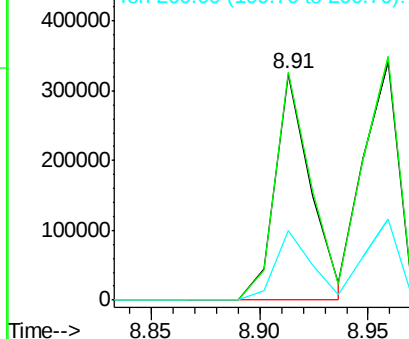


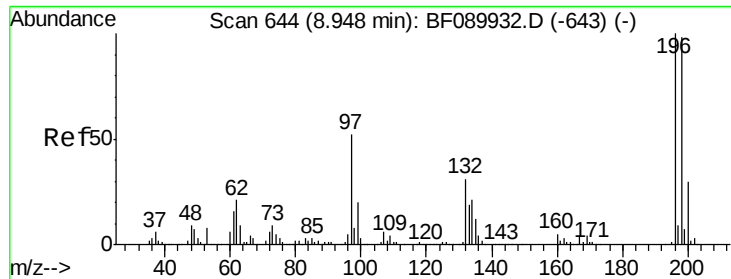
#42
 2,4,6-Trichlorophenol
 Concen: 41.19 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.8	78.3	117.5
200	30.9	24.8	37.2



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

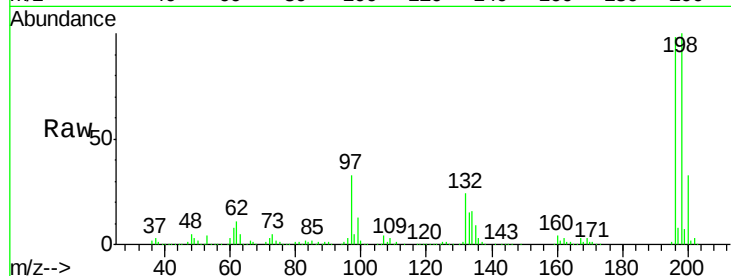




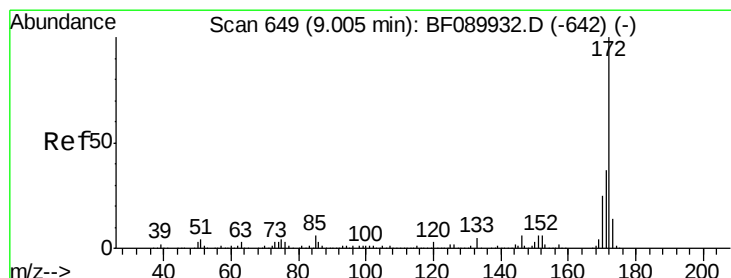
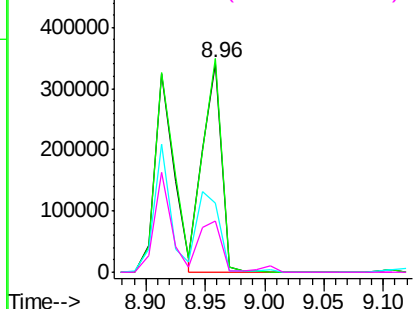
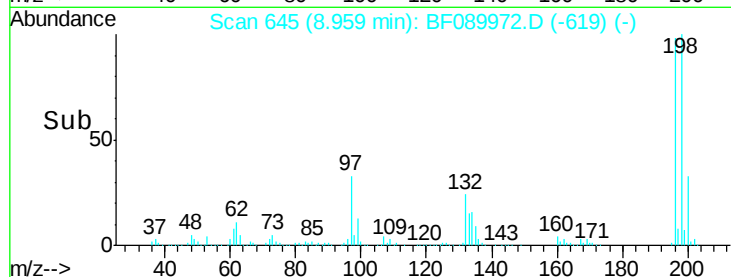
#43
 2,4,5-Trichlorophenol
 Concen: 43.81 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 380910
 Ion Ratio Lower Upper
 196 100
 198 102.2 80.8 121.2
 97 33.2 44.2 66.4#
 132 24.4 25.8 38.6#

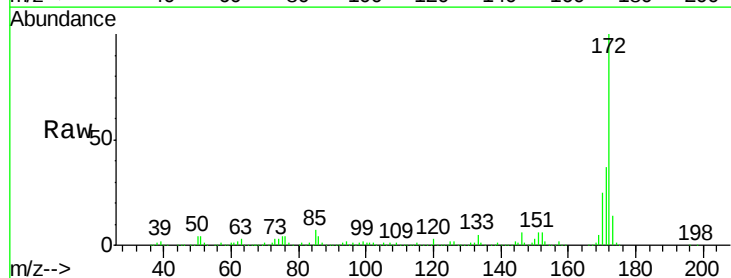


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

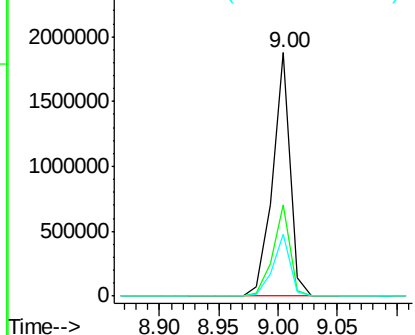
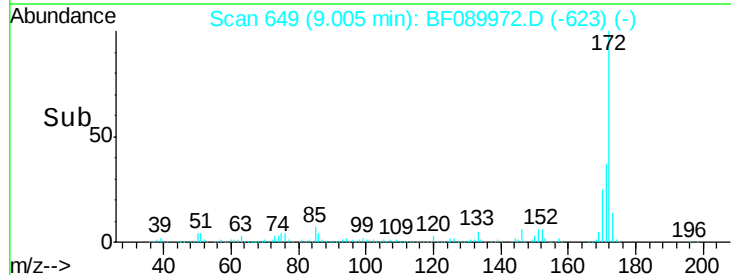


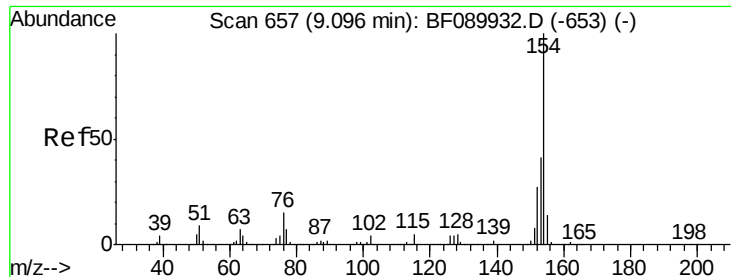
#44
 2-Fluorobiphenyl
 Concen: 70.72 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Tgt Ion:172 Resp: 1918524
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.4 44.2
 170 25.5 20.1 30.1



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: 40.41 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

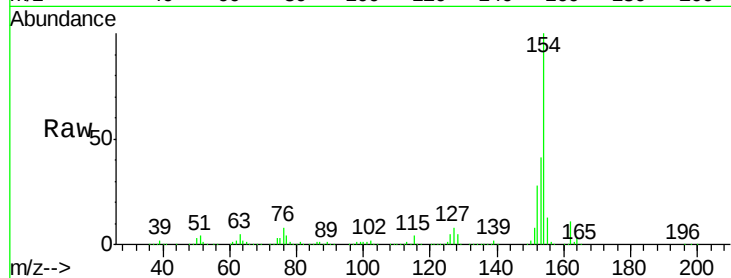
Tot Ion:154 Resp: 1448960

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

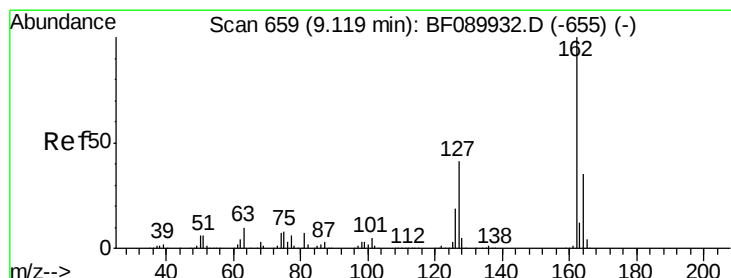
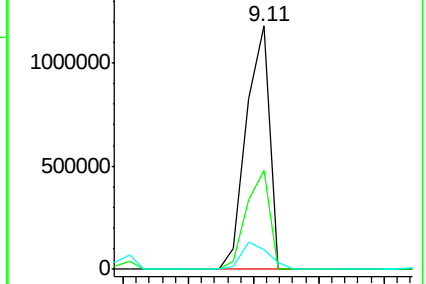
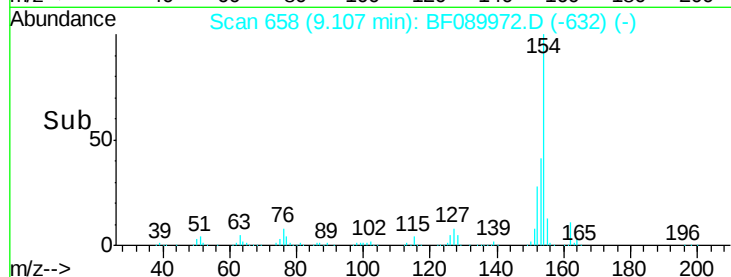
76 8.2 0.0 34.9



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: 37.36 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

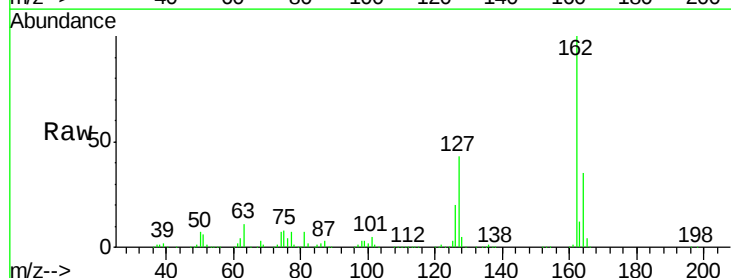
Tgt Ion:162 Resp: 947630

Ion Ratio Lower Upper

162 100

127 42.7 33.5 50.3

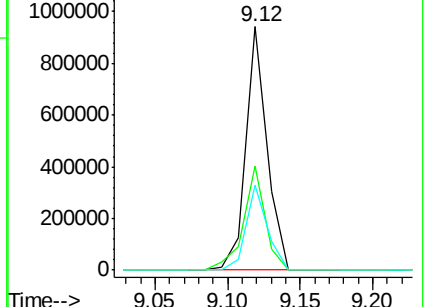
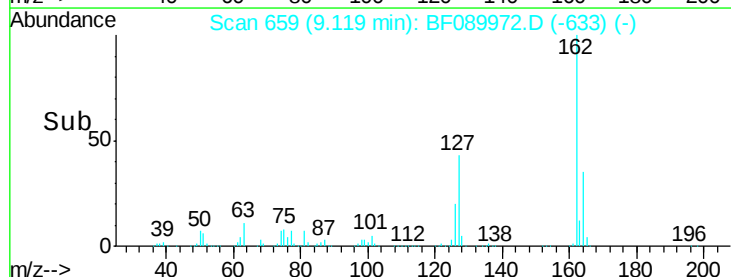
164 34.7 28.2 42.4

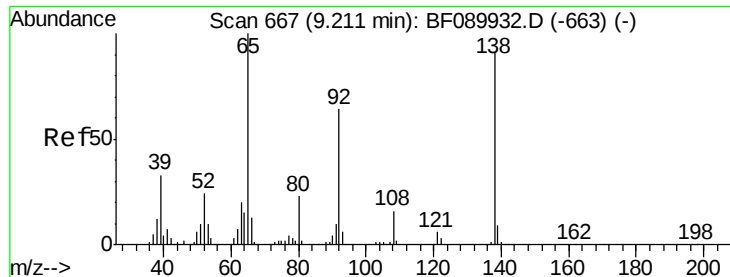


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

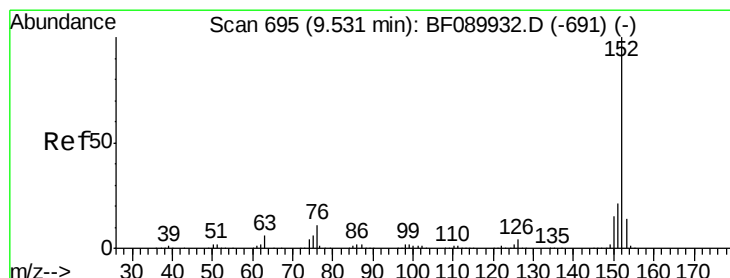
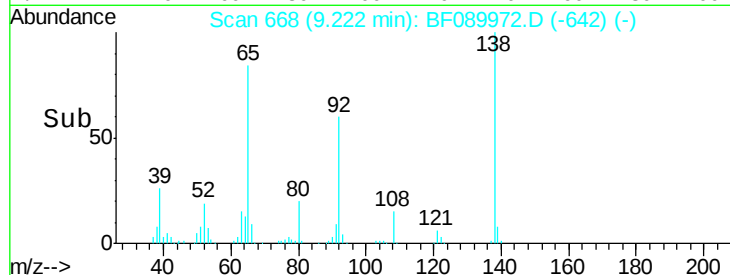
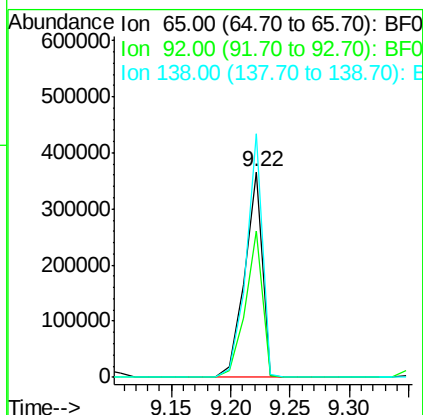
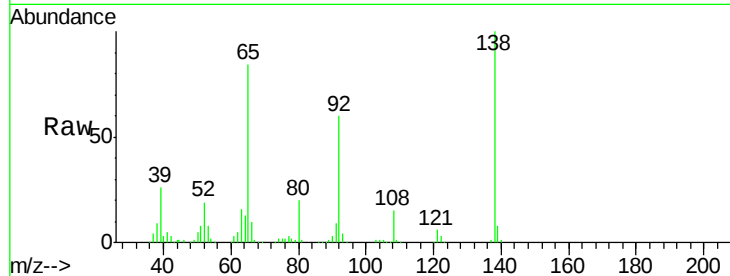




#47
2-Nitroaniline
Concen: 46.00 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

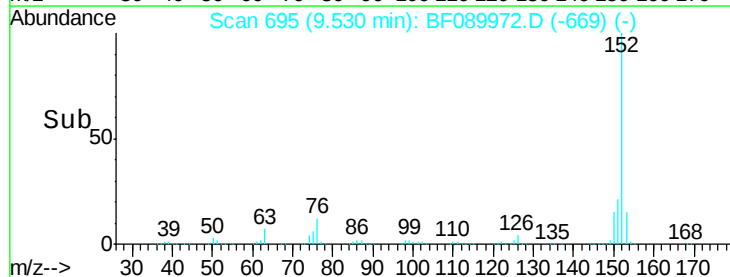
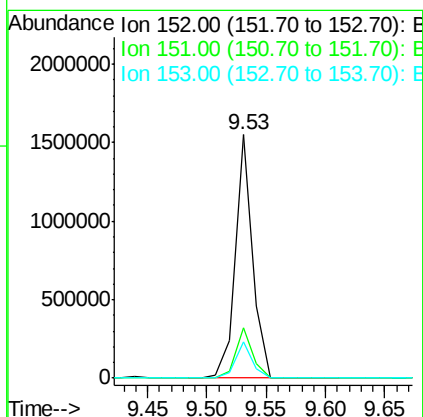
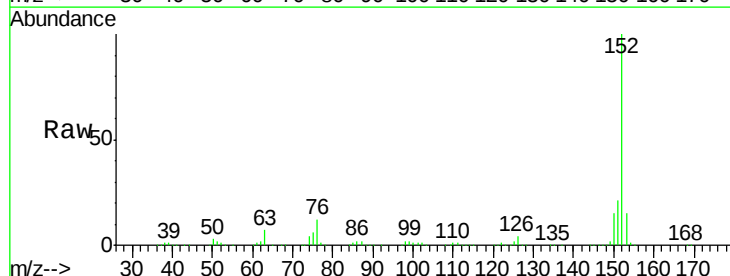
Instrument :
BNA_F
ClientSampleId :

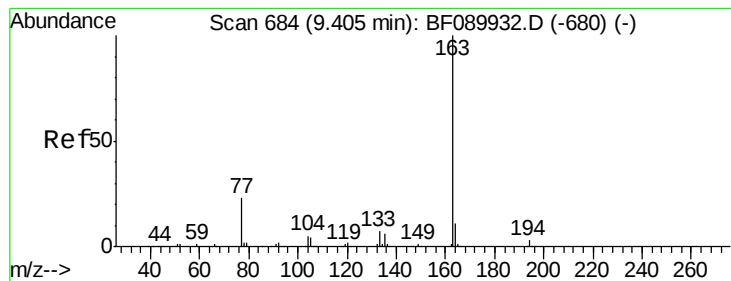
Tot Ion: 65 Resp: 381409
Ion Ratio Lower Upper
65 100
92 71.5 52.0 78.0
138 118.5 72.1 108.1#



#48
Acenaphthylene
Concen: 37.14 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion:152 Resp: 1557628
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1
153 14.7 11.6 17.4





#49

Dimethylphthalate

Concen: 41.87 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

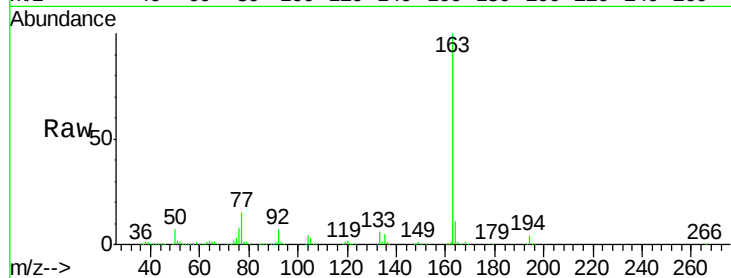
Tot Ion:163 Resp: 1347515

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

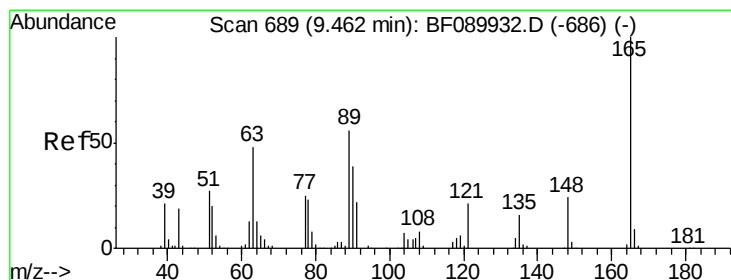
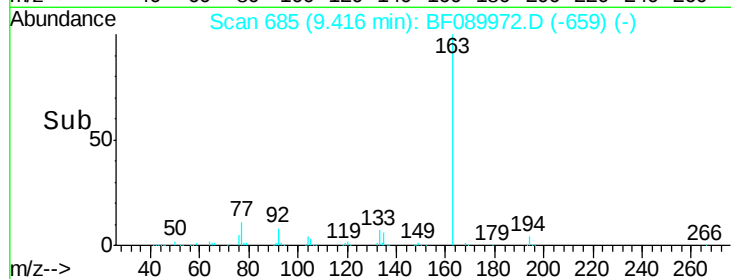
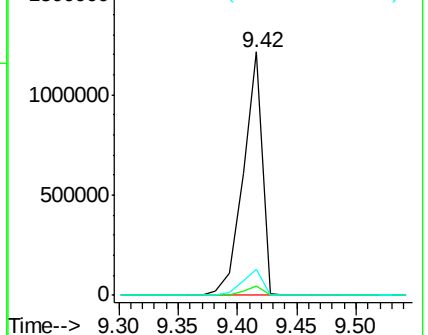
164 10.6 9.0 13.4



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: 41.56 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

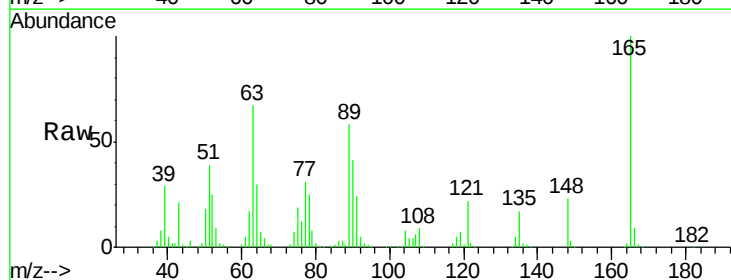
Tgt Ion:165 Resp: 297523

Ion Ratio Lower Upper

165 100

63 67.1 45.0 67.4

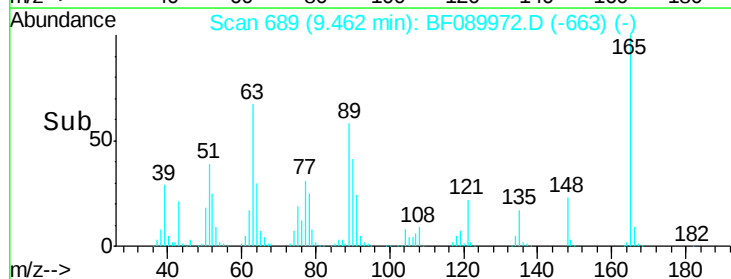
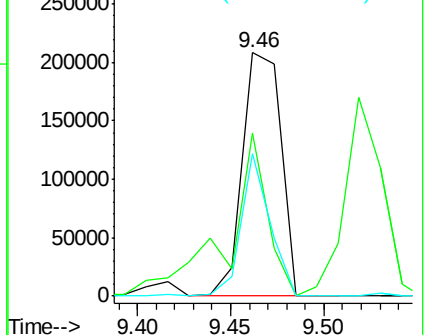
89 58.4 41.5 62.3

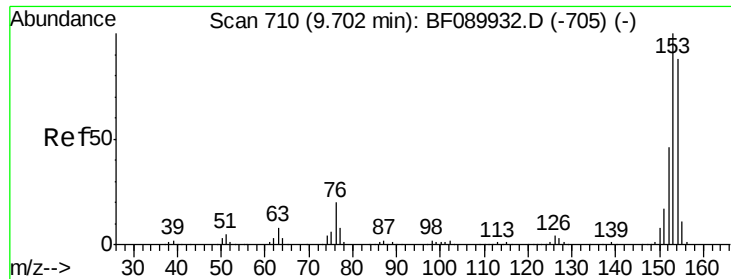


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

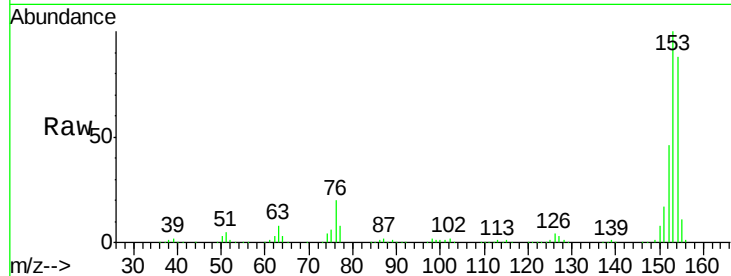




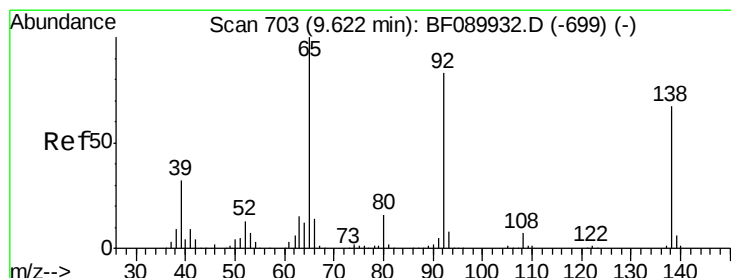
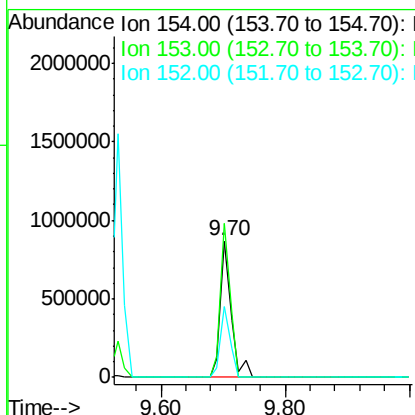
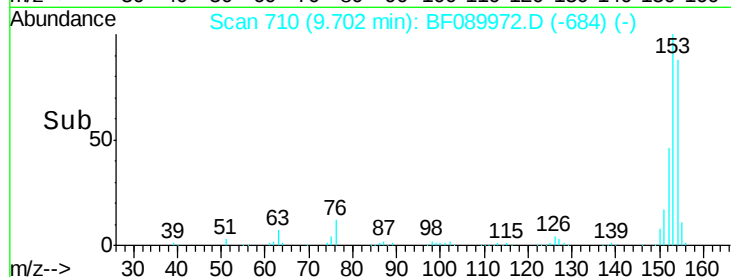
#51
Acenaphthene
Concen: 38.78 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 1030268
Ion Ratio Lower Upper
154 100
153 113.1 90.6 135.8
152 52.0 42.4 63.6

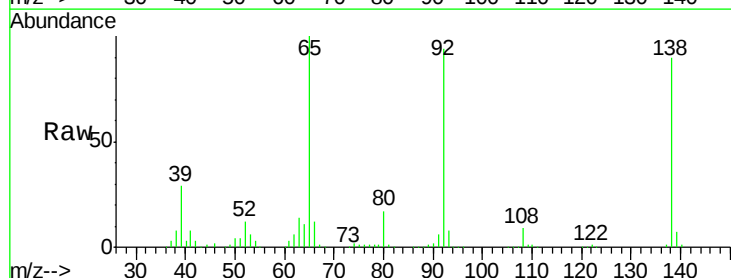


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

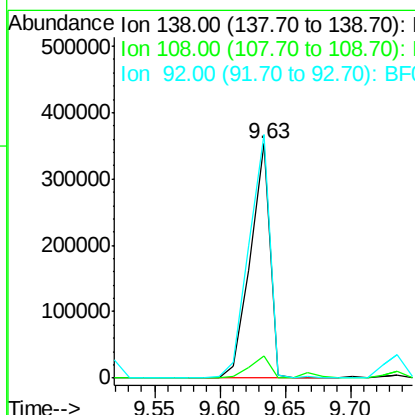
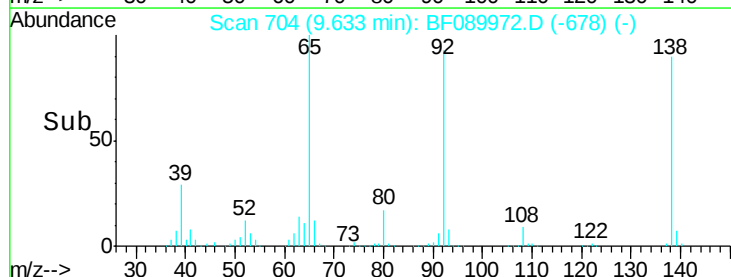


#52
3-Nitroaniline
Concen: 45.47 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion:138 Resp: 371276
Ion Ratio Lower Upper
138 100
108 9.4 8.3 12.5
92 103.8 99.1 148.7



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

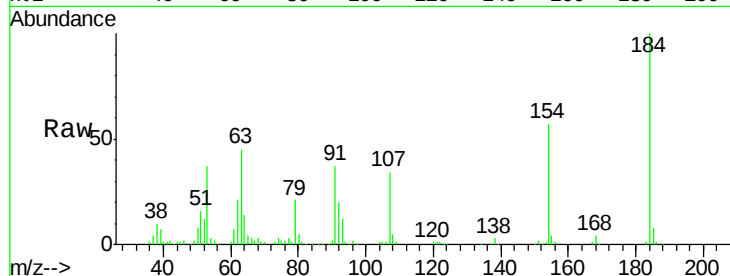




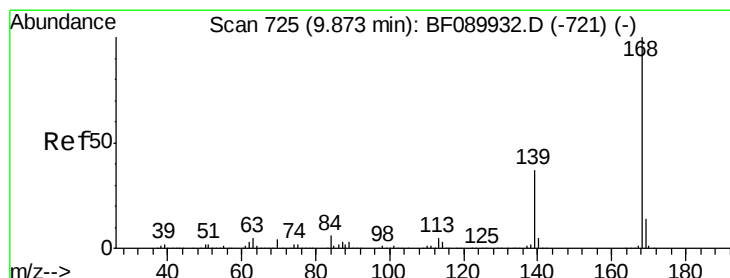
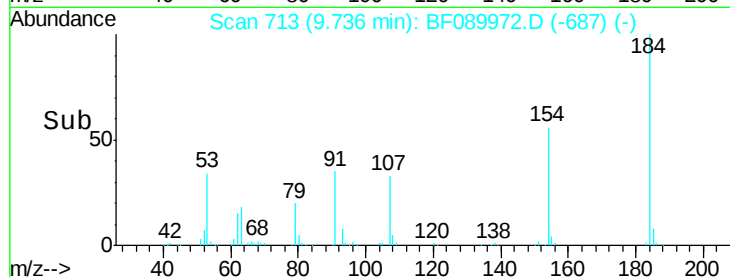
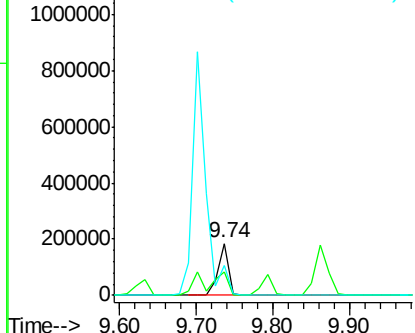
#53
2,4-Dinitrophenol
Concen: 46.07 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 173522
Ion Ratio Lower Upper
184 100
63 44.8 73.9 110.9#
154 56.7 53.5 80.3

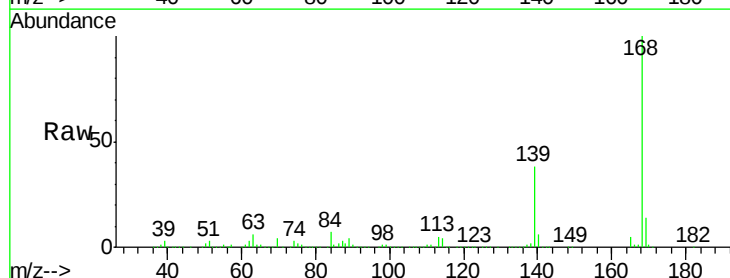


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

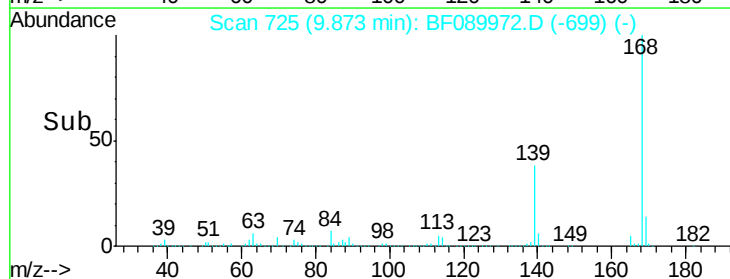
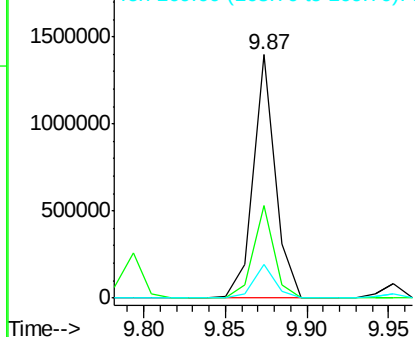


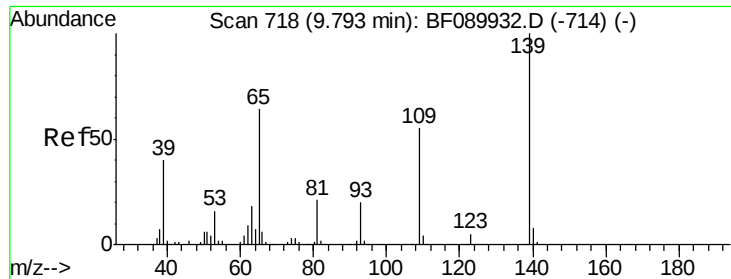
#54
Dibenzofuran
Concen: 36.93 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion:168 Resp: 1314966
Ion Ratio Lower Upper
168 100
139 37.9 29.5 44.3
169 14.0 10.8 16.2



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

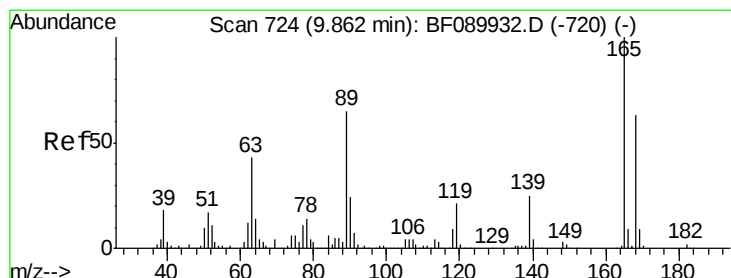
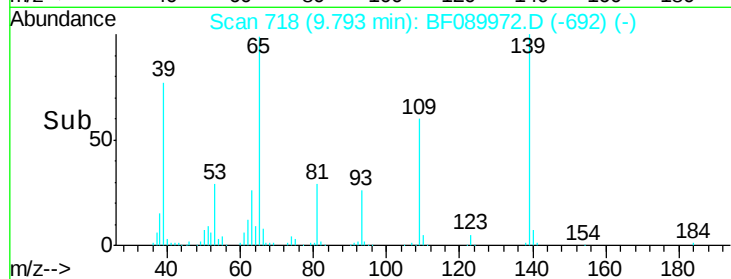
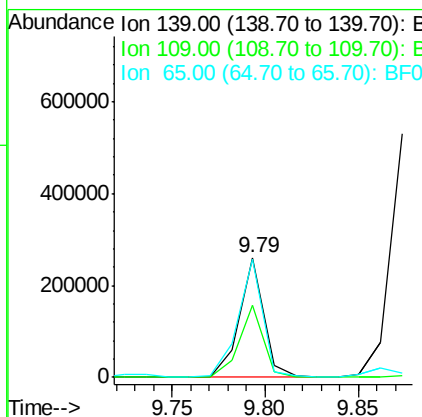
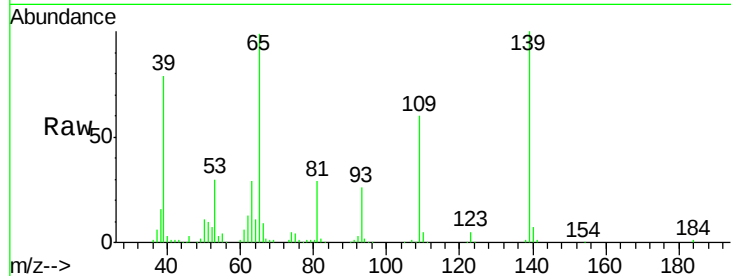




#55
4-Nitrophenol
Concen: 39.39 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

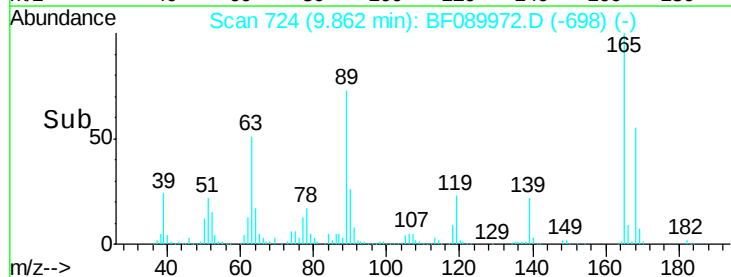
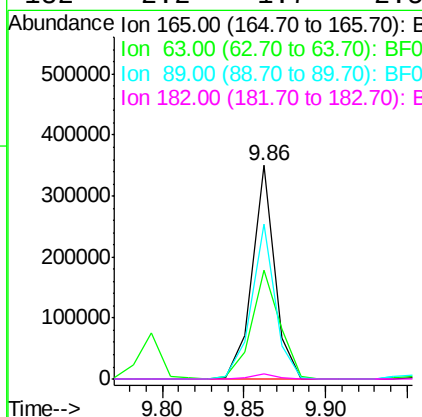
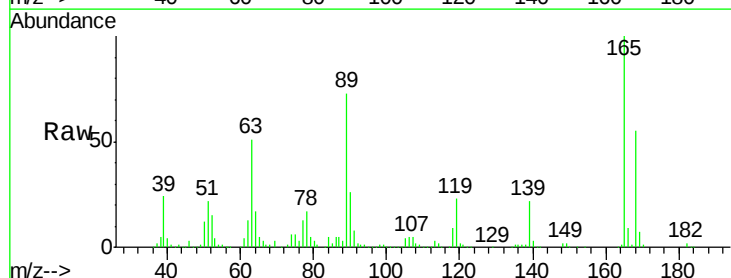
Instrument :
BNA_F
ClientSampleId :

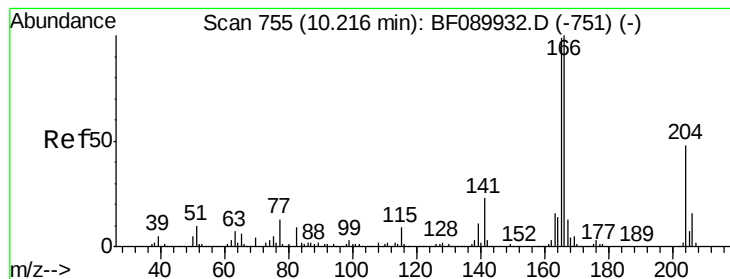
Tot Ion:139 Resp: 242603
Ion Ratio Lower Upper
139 100
109 60.3 31.3 71.3
65 99.0 38.5 78.5#



#56
2,4-Dinitrotoluene
Concen: 37.10 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion:165 Resp: 336839
Ion Ratio Lower Upper
165 100
63 51.2 32.5 48.7#
89 72.8 48.3 72.5#
182 2.2 1.7 2.5





#57

Fluorene

Concen: 38.81 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampled :

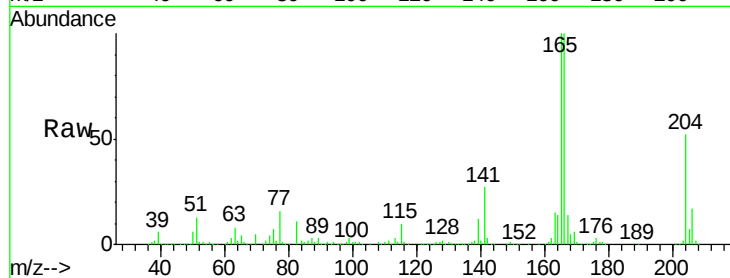
Tot Ion:166 Resp: 1009902

Ion Ratio Lower Upper

166 100

165 99.5 78.6 118.0

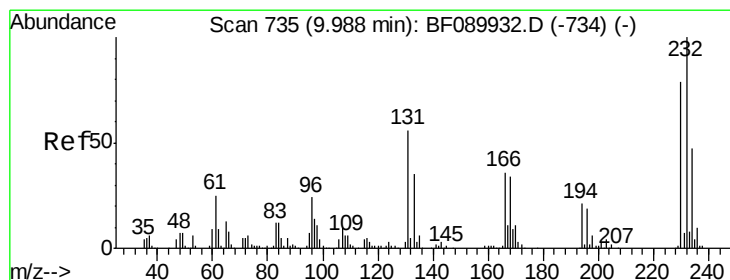
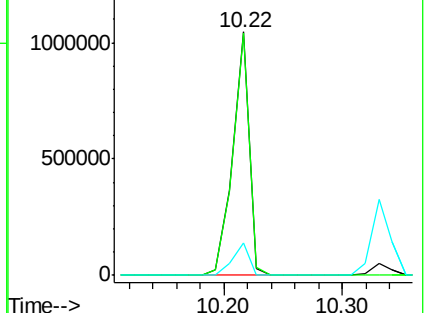
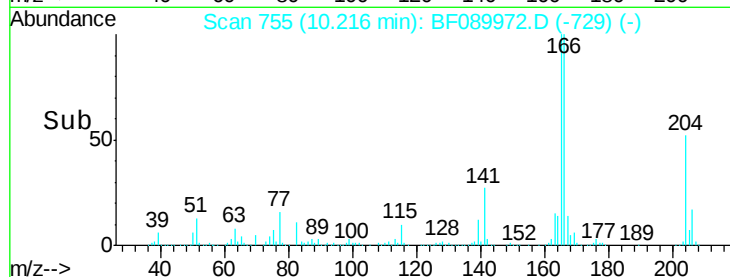
167 13.6 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.33 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Tgt Ion:232 Resp: 315049

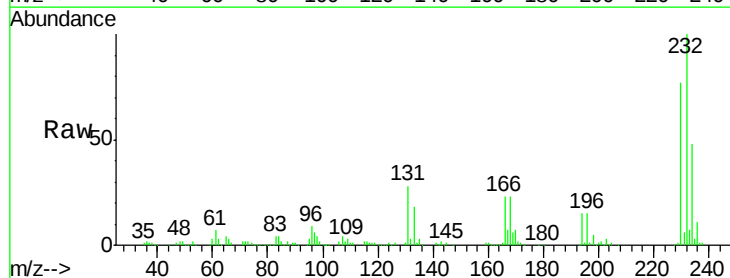
Ion Ratio Lower Upper

232 100

131 39.4 36.3 54.5

130 1.9 1.7 2.5

166 28.4 24.4 36.6

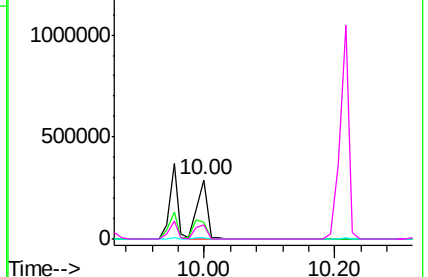
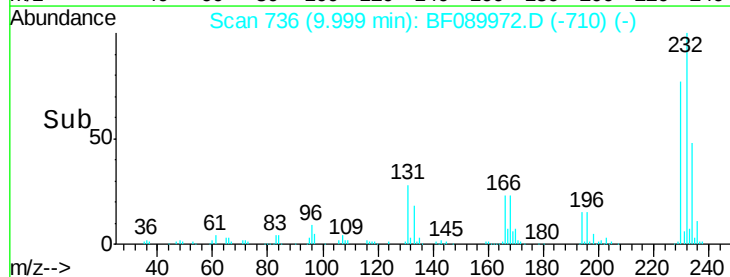


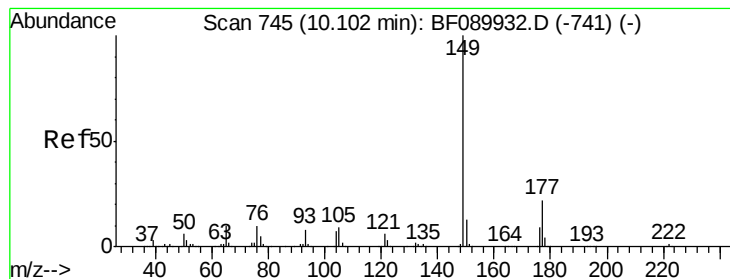
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.60 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

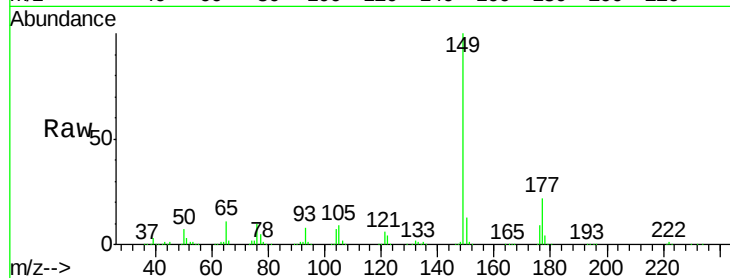
Tot Ion:149 Resp: 1199116

Ion Ratio Lower Upper

149 100

177 21.8 17.7 26.5

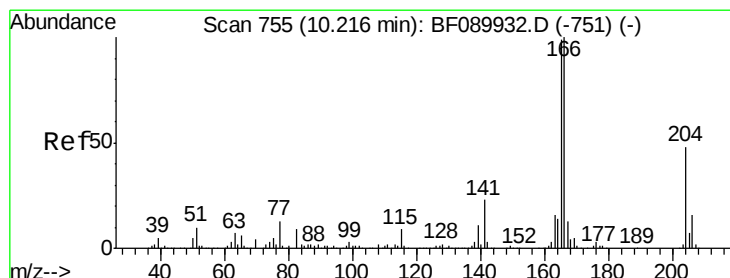
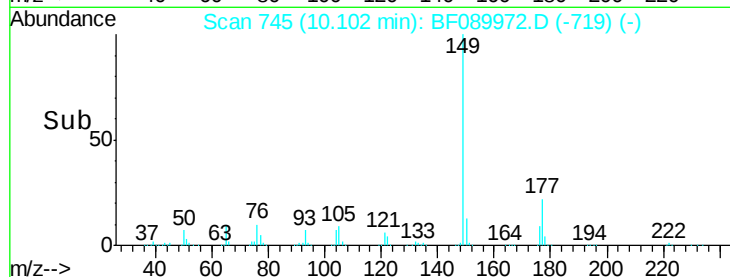
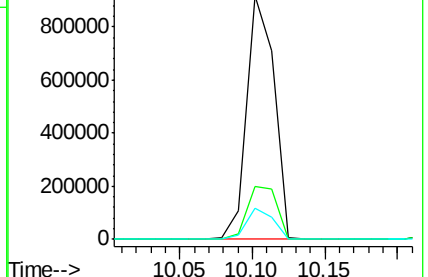
150 12.8 10.2 15.2



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: 40.99 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

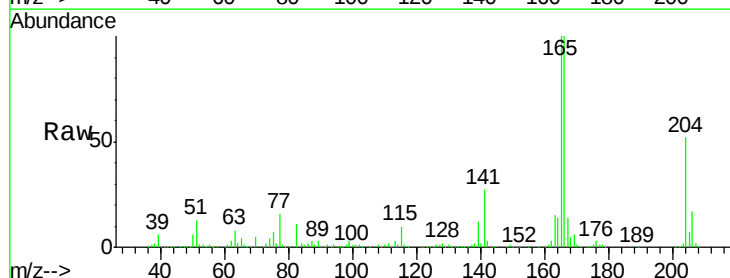
Tgt Ion:204 Resp: 501840

Ion Ratio Lower Upper

204 100

206 33.0 26.6 40.0

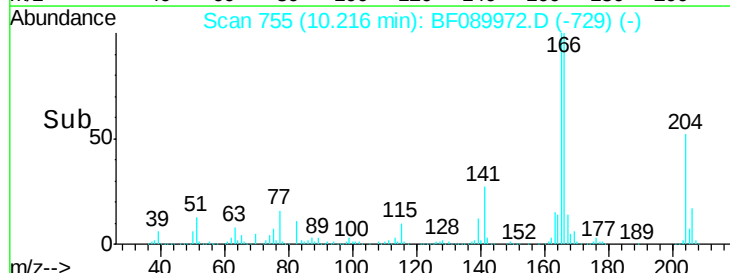
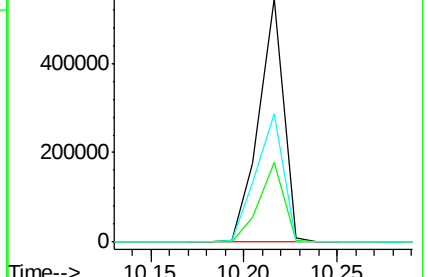
141 52.5 36.5 54.7

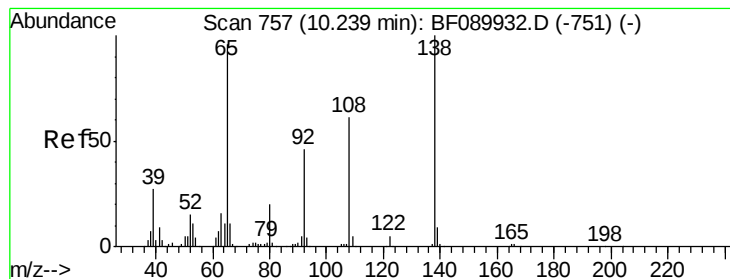


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.26 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

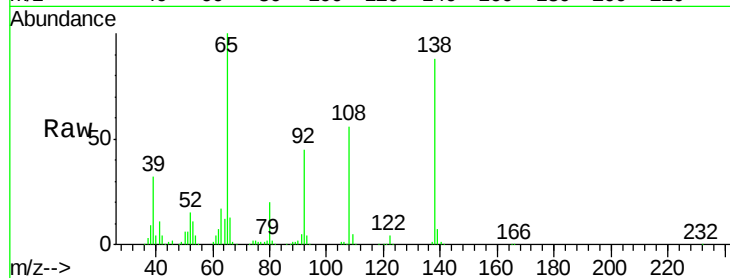
Tot Ion:138 Resp: 306935

Ion Ratio Lower Upper

138 100

92 50.6 21.2 61.2

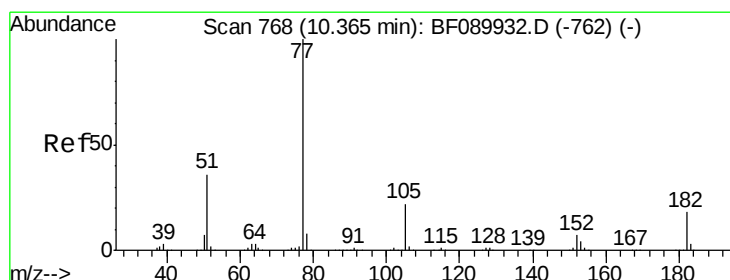
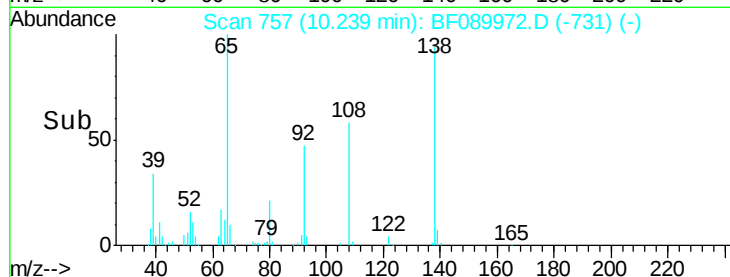
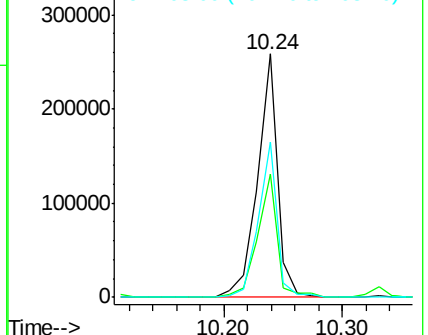
108 63.8 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.62 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Tgt Ion: 77 Resp: 1198224

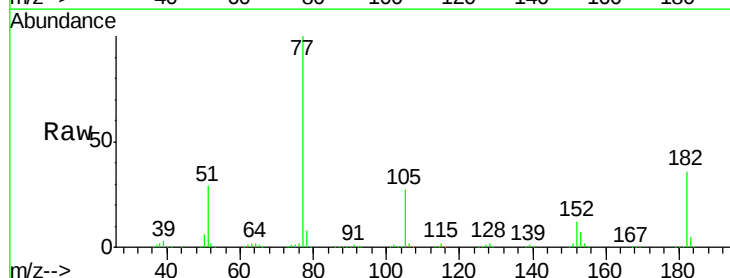
Ion Ratio Lower Upper

77 100

182 36.5 0.0 38.6

105 27.2 2.3 42.3

51 28.8 15.1 55.1

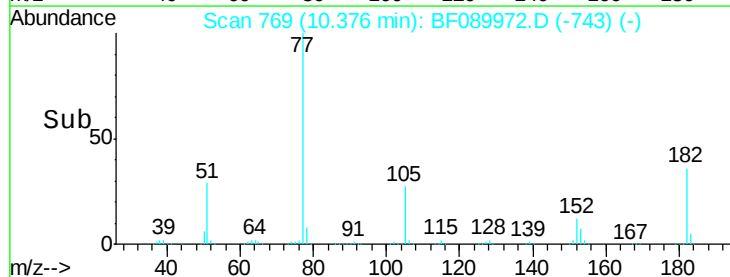
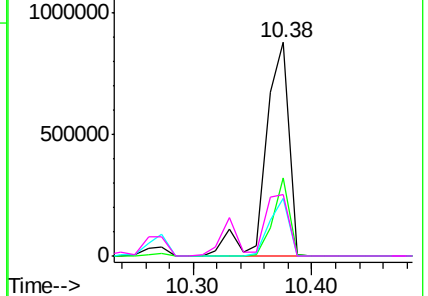


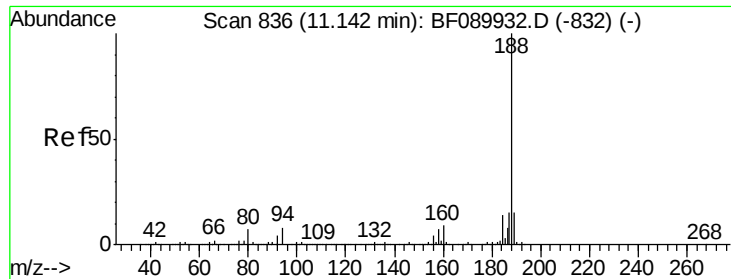
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

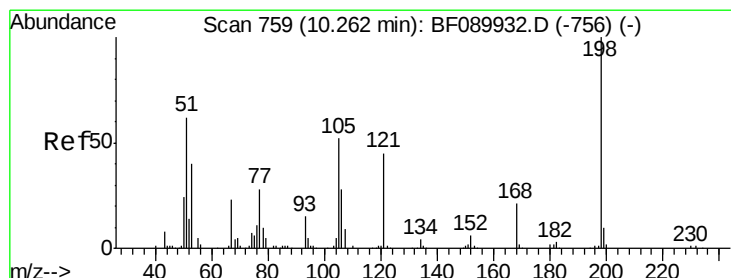
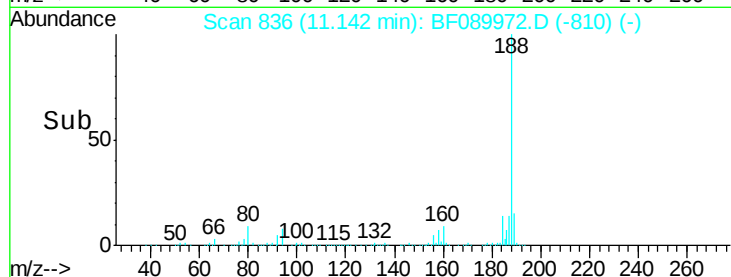
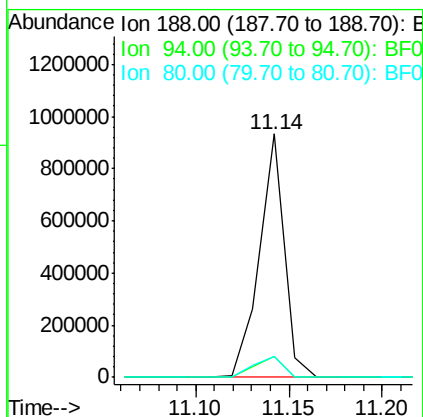
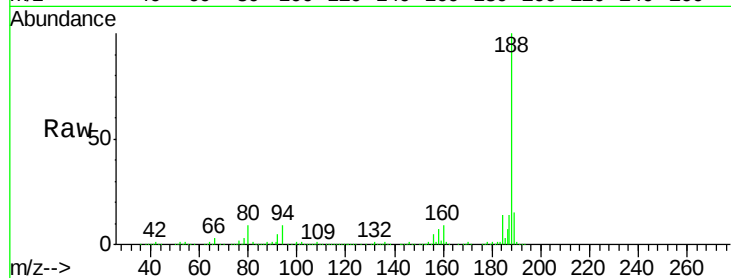




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

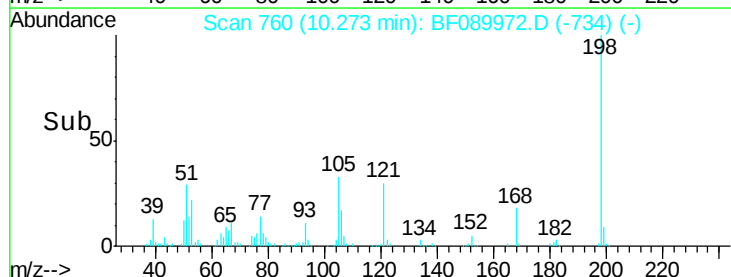
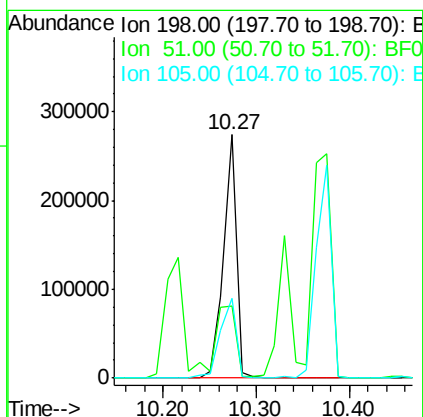
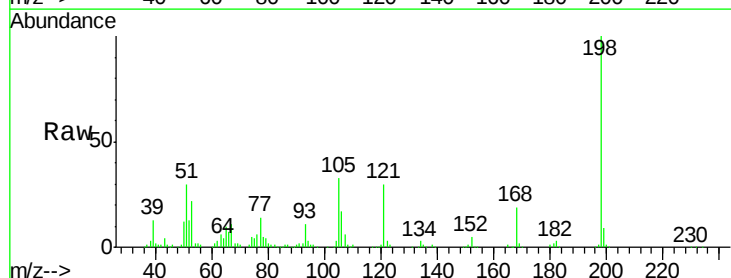
Instrument :
BNA_F
ClientSampleId :

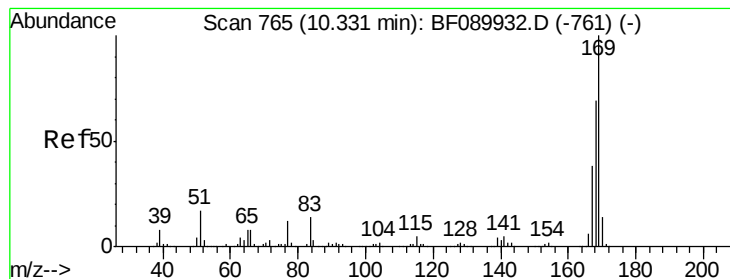
Tot Ion:188 Resp: 877867
Ion Ratio Lower Upper
188 100
94 8.6 5.9 8.9
80 8.8 5.8 8.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 46.65 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion:198 Resp: 262191
Ion Ratio Lower Upper
198 100
51 29.5 43.0 83.0#
105 32.7 30.3 70.3

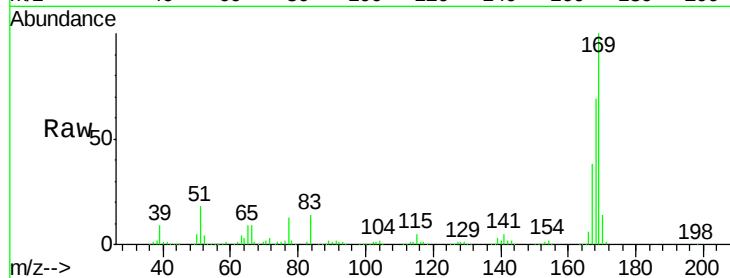




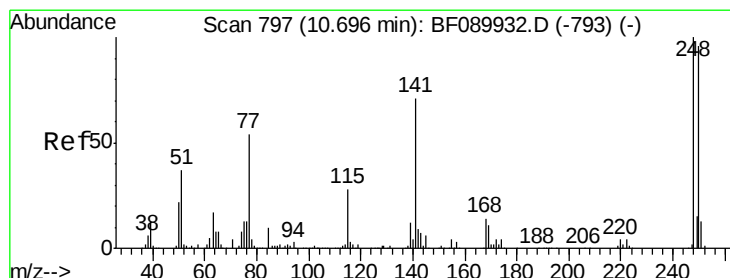
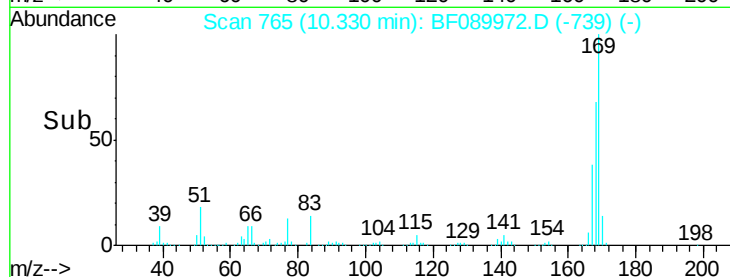
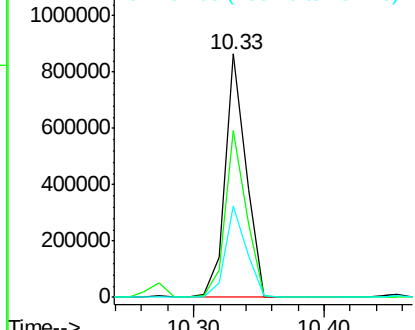
#65
 n-Nitrosodiphenylamine
 Concen: 36.47 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.6	55.0	82.4
167	37.6	30.5	45.7

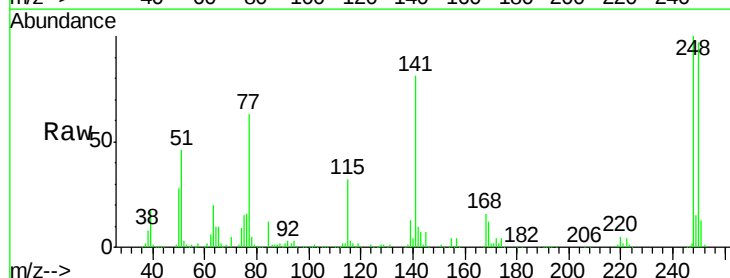


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

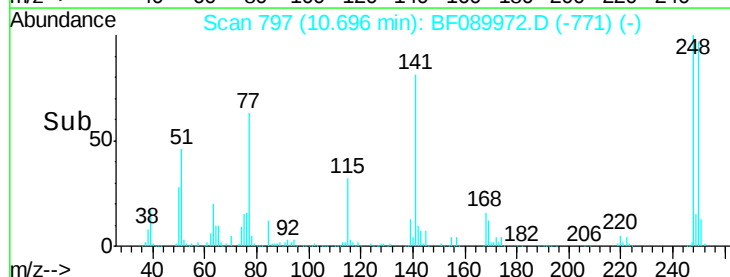
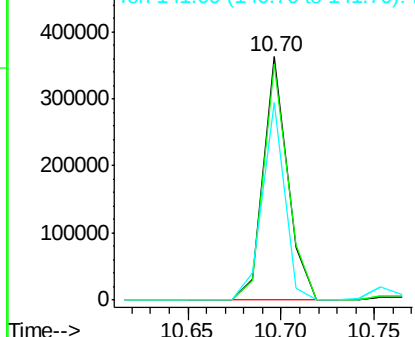


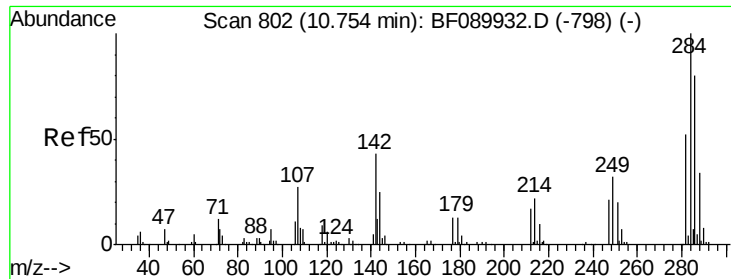
#66
 4-Bromophenyl-phenylether
 Concen: 36.89 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.3	115.9
141	81.0	55.8	83.8



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

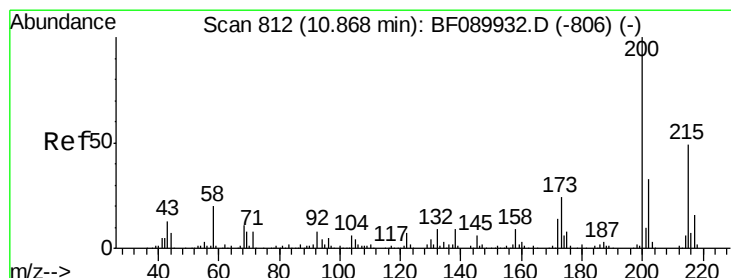
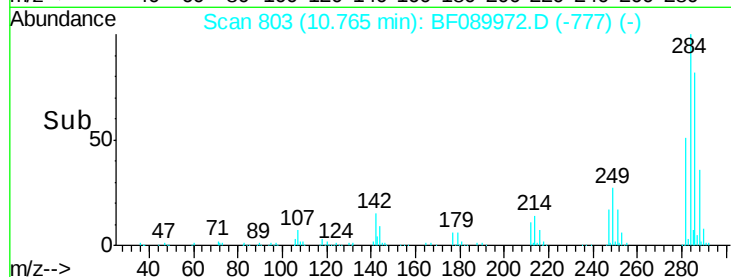
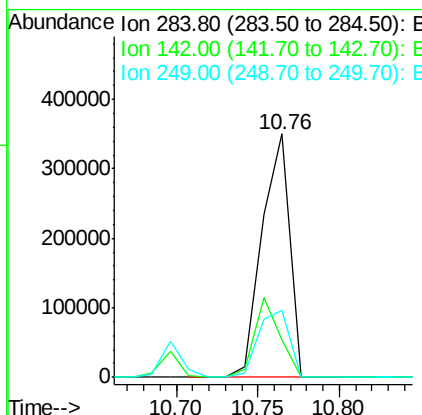
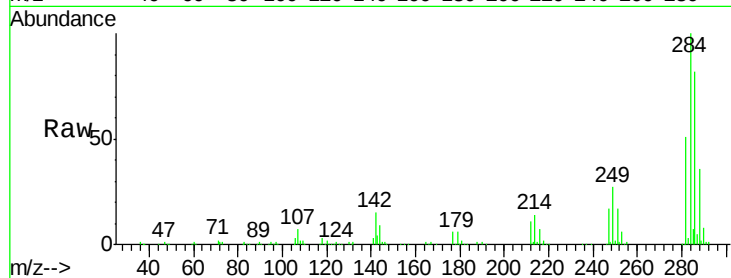




#67
Hexachlorobenzene
Concen: 40.87 ng
RT: 10.76 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

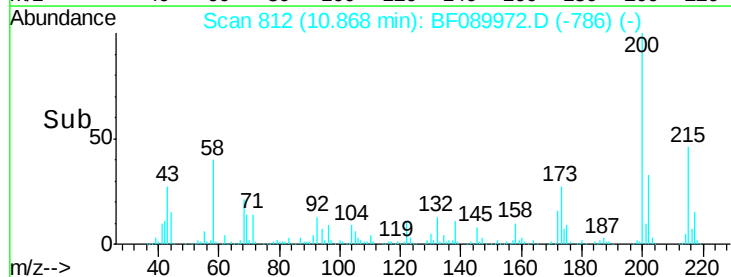
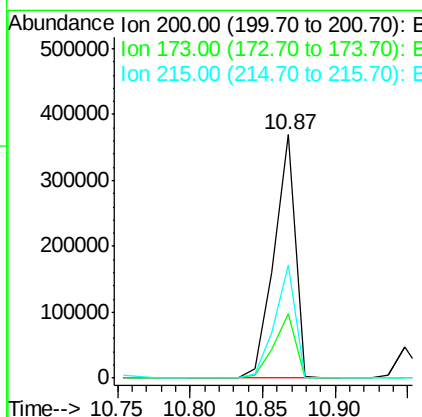
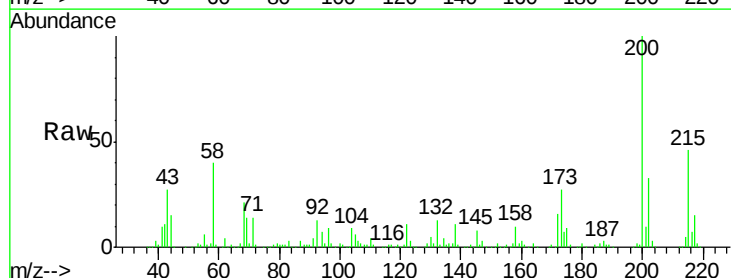
Instrument :
BNA_F
ClientSampleId :

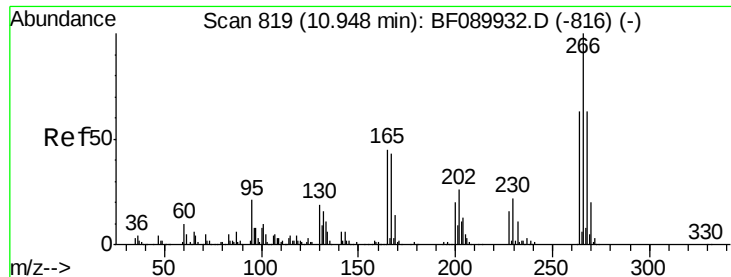
Tot Ion:284 Resp: 412577
Ion Ratio Lower Upper
284 100
142 15.2 32.7 49.1#
249 27.5 26.9 40.3



#68
Atrazine
Concen: 42.64 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion:200 Resp: 375648
Ion Ratio Lower Upper
200 100
173 26.5 9.4 49.4
215 46.5 24.5 64.5

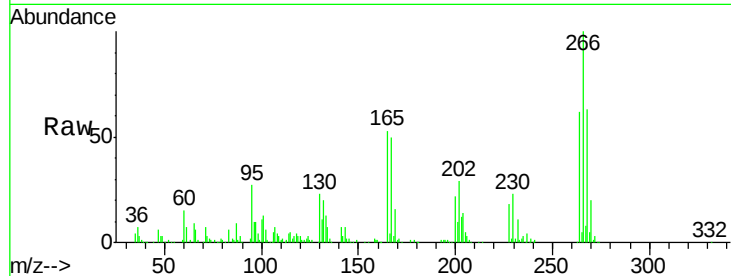




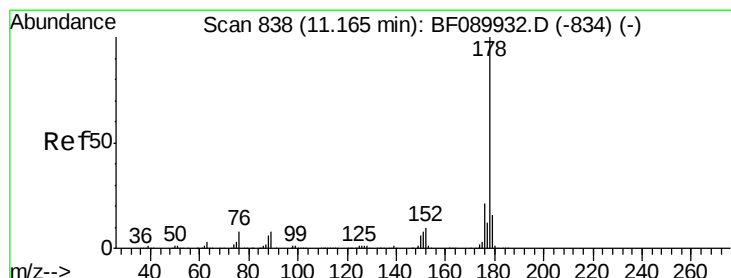
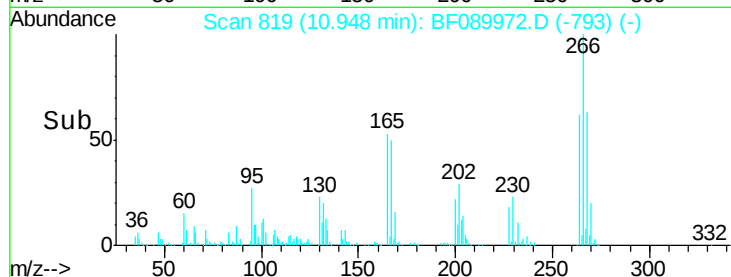
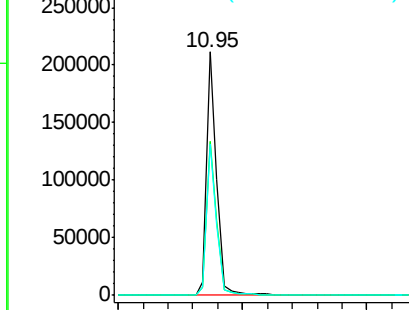
#69
 Pentachlorophenol
 Concen: 43.69 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 237283
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.0 76.6
 264 62.1 50.6 75.8

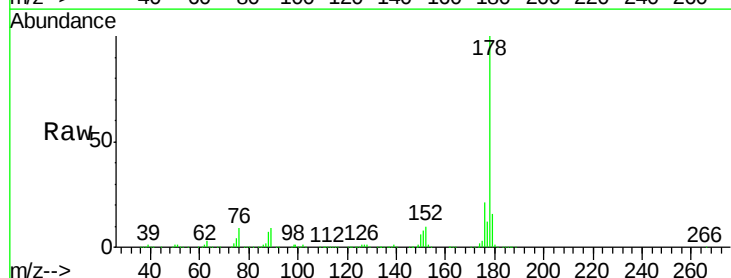


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

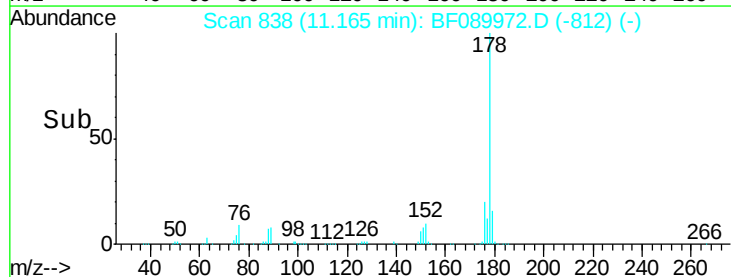
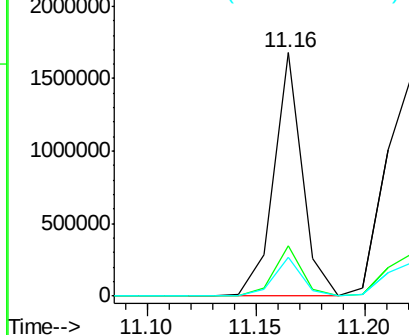


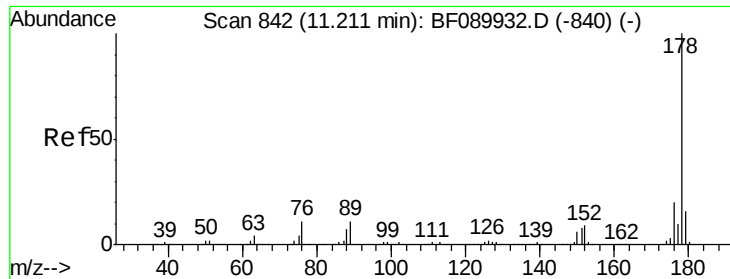
#70
 Phenanthrene
 Concen: 35.18 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Tgt Ion:178 Resp: 1538105
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.5 24.7
 179 16.1 12.8 19.2



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

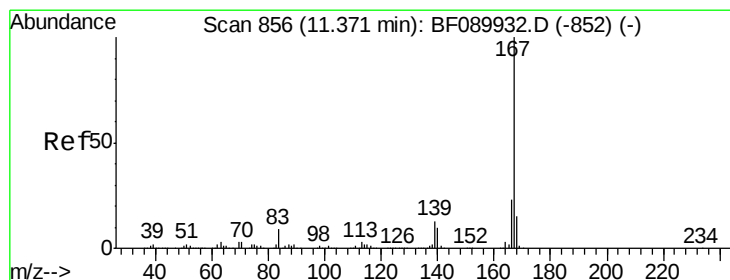
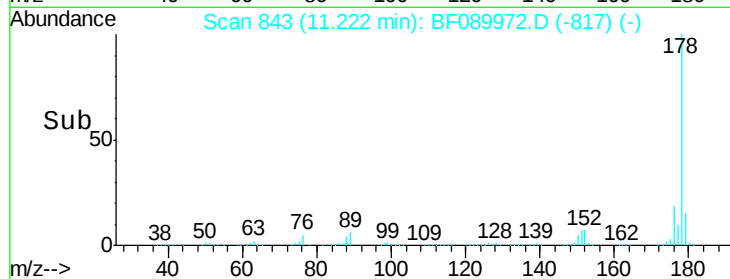
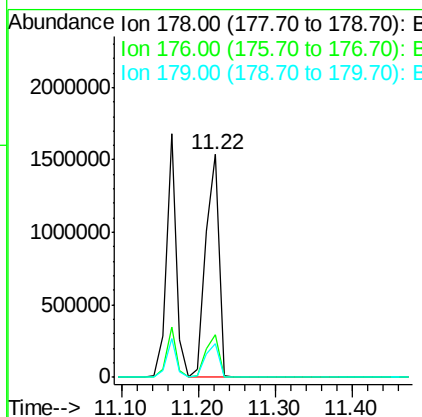
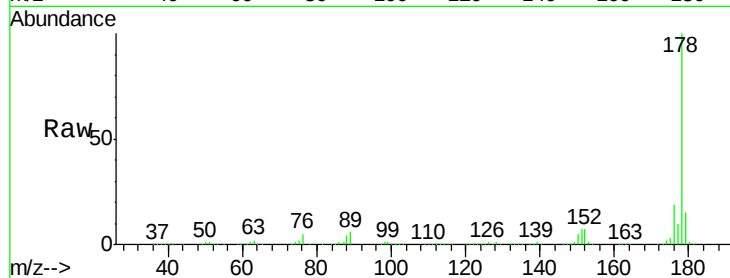




#71
 Anthracene
 Concen: 40.69 ng
 RT: 11.22 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

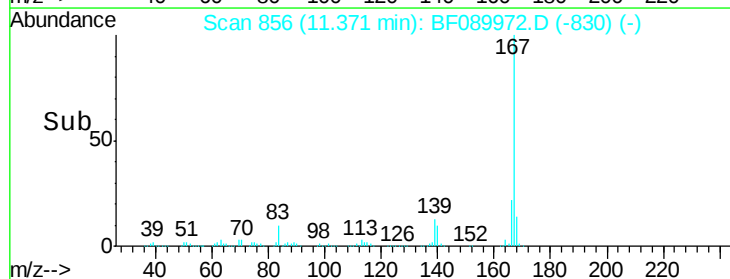
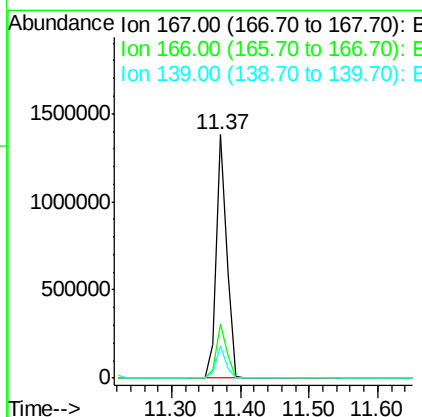
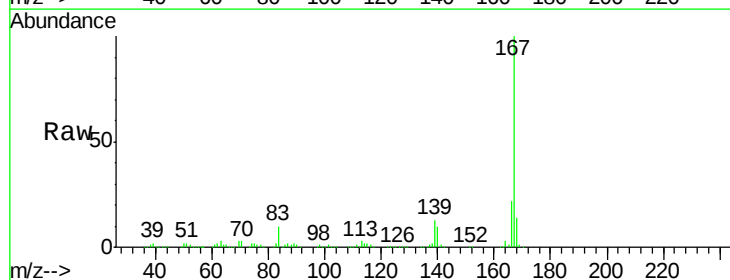
Instrument :
 BNA_F
 ClientSampled :

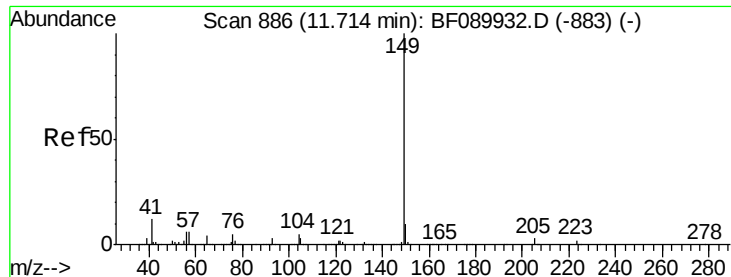
Tot Ion:178 Resp: 1804377
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 13.0 19.4



#72
 Carbazole
 Concen: 36.20 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Tgt Ion:167 Resp: 1504986
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.3 10.4 15.6





#73

Di-n-butylphthalate

Concen: 40.98 ng

RT: 11.72 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

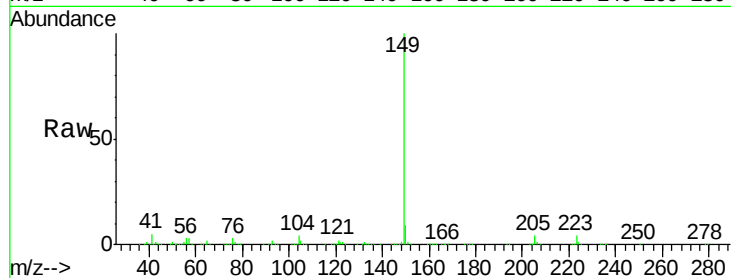
Tot Ion:149 Resp: 1985994

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

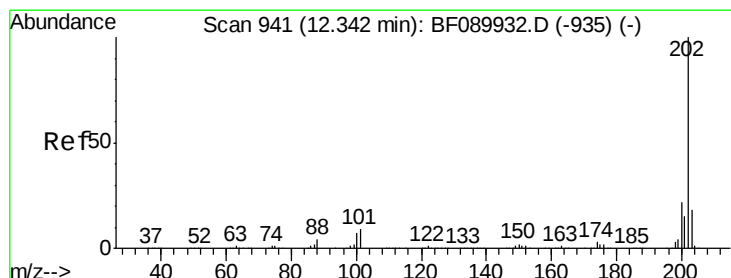
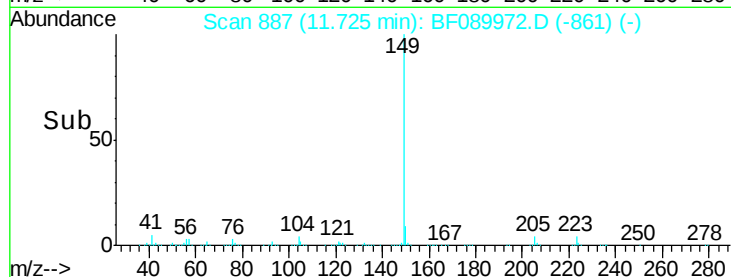
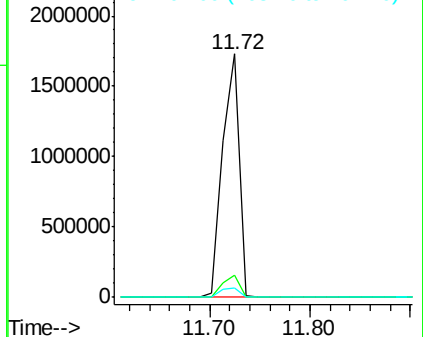
104 3.7 3.9 5.9#



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: 35.49 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

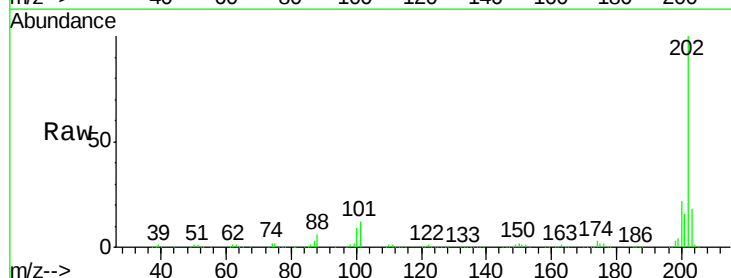
Tgt Ion:202 Resp: 1625739

Ion Ratio Lower Upper

202 100

101 12.4 0.0 28.5

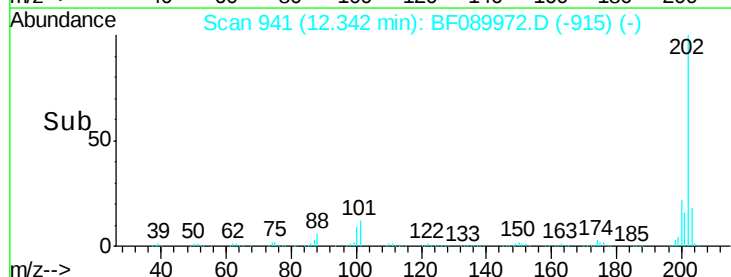
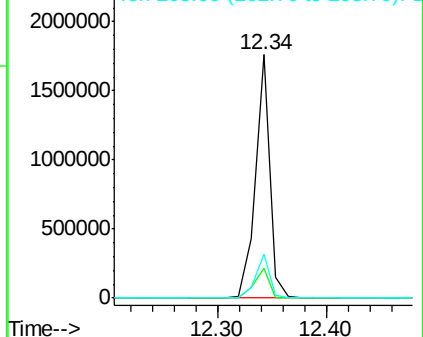
203 18.1 0.0 38.0

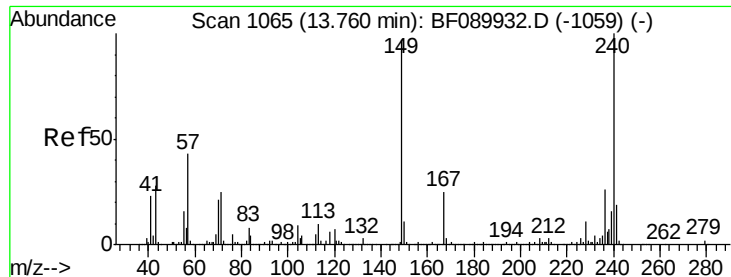


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampled :

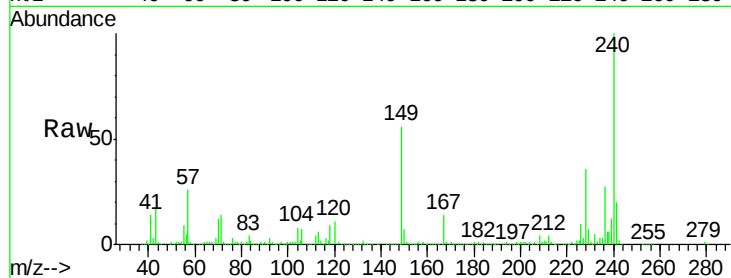
Tot Ion:240 Resp: 680324

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

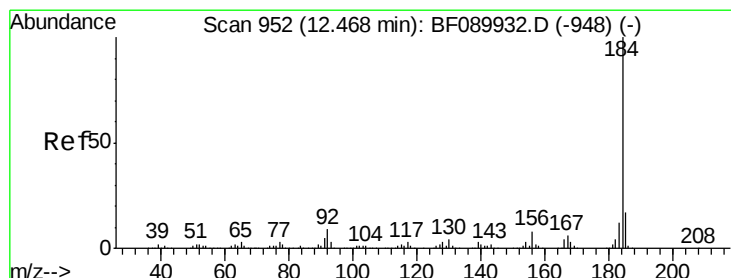
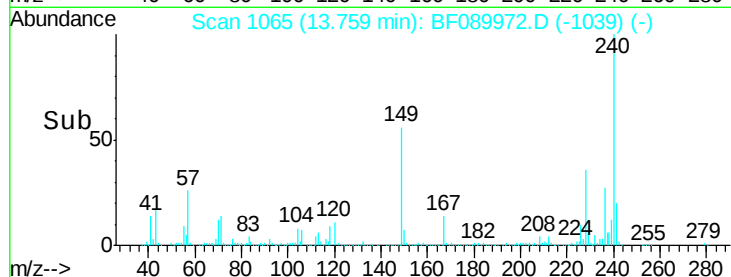
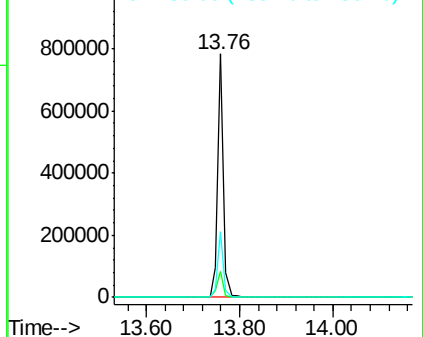
236 26.8 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.19 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

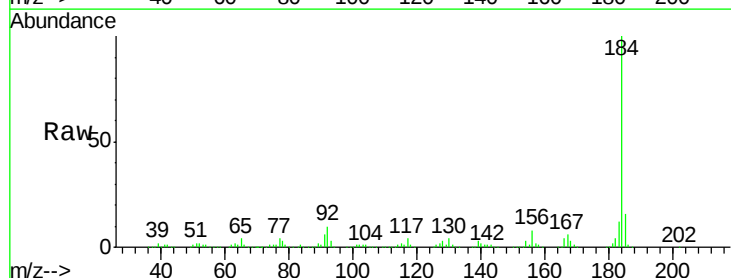
Tgt Ion:184 Resp: 881290

Ion Ratio Lower Upper

184 100

185 15.8 13.8 20.8

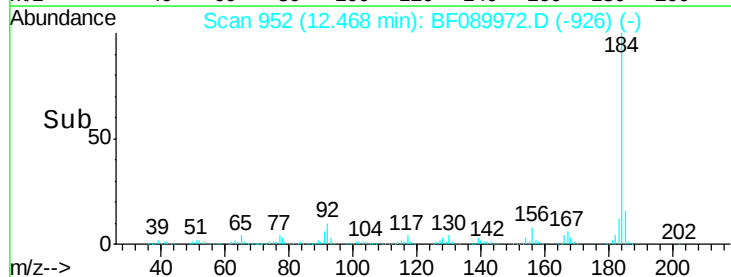
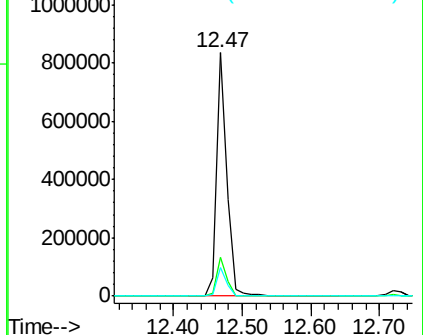
183 11.9 9.6 14.4

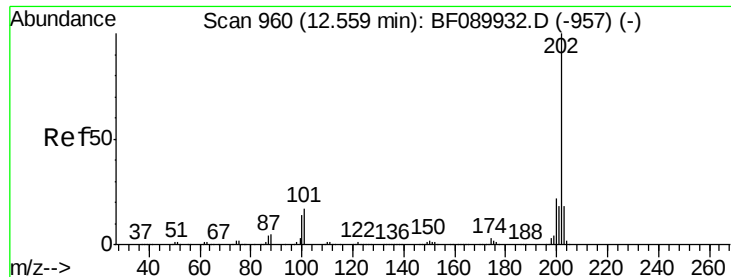


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

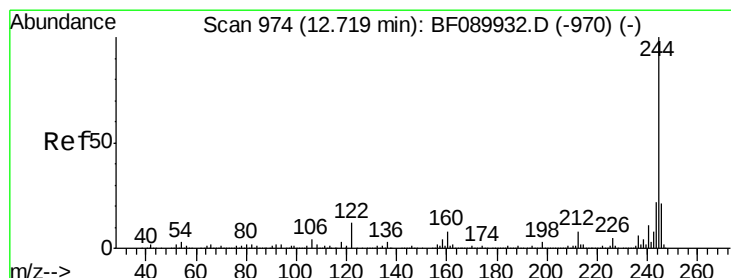
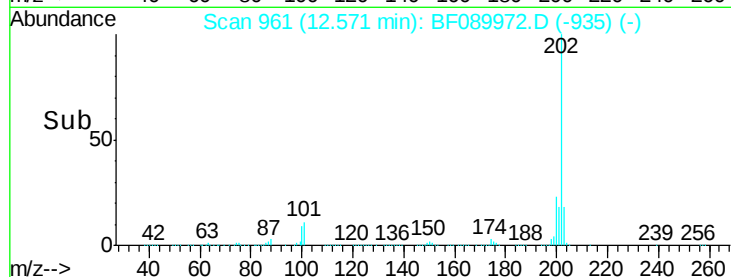
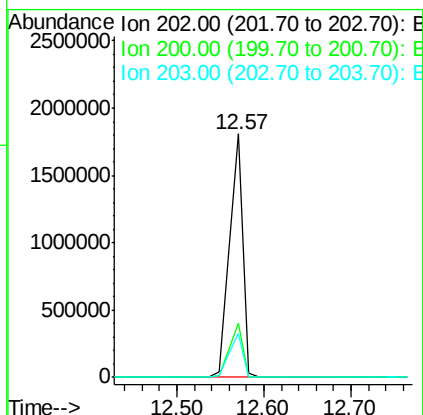
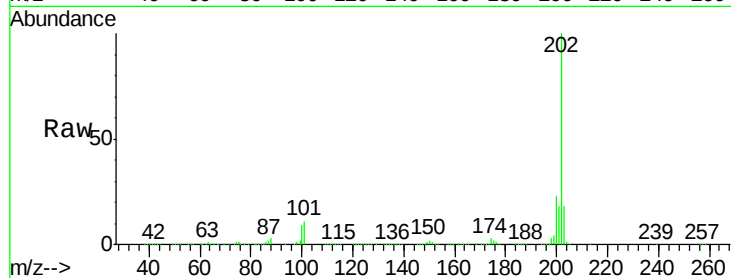




#77
Pvrene
Concen: 39.71 ng
RT: 12.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

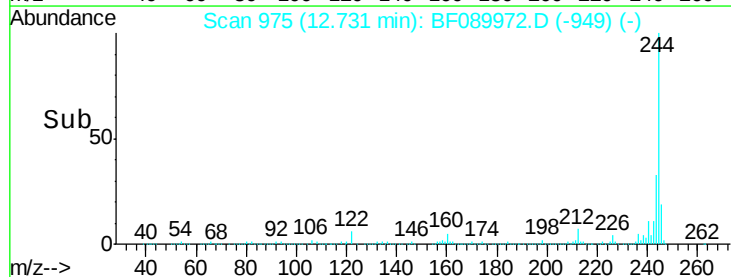
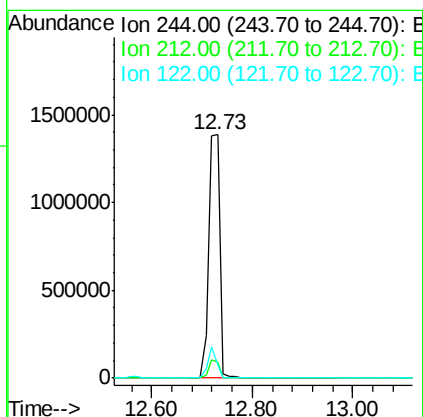
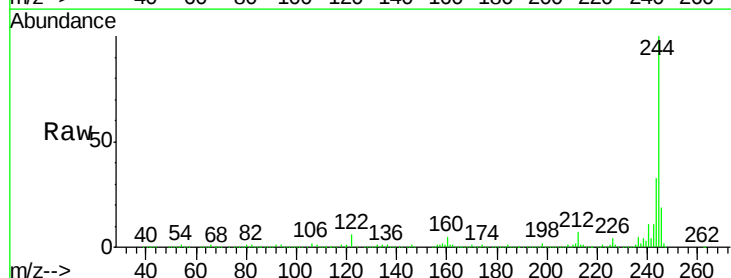
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1904640
Ion Ratio Lower Upper
202 100
200 22.5 17.6 26.4
203 17.8 14.6 21.8



#78
Terphenyl-d14
Concen: 77.00 ng
RT: 12.73 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion:244 Resp: 2120521
Ion Ratio Lower Upper
244 100
212 6.6 6.1 9.1
122 5.6 9.6 14.4#

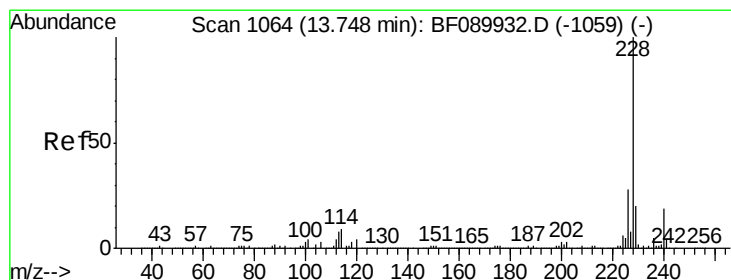
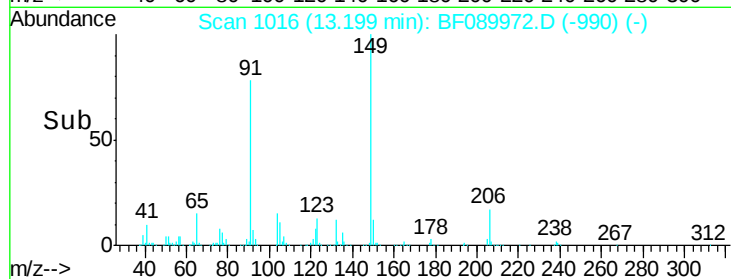
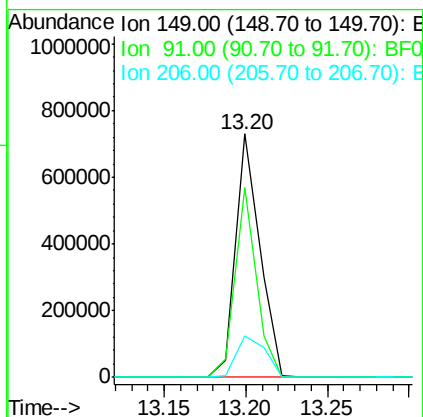
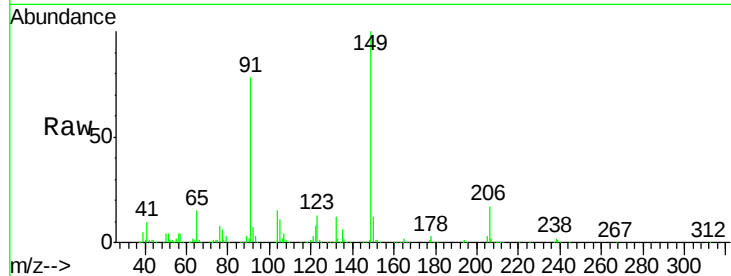




#79
Butylbenzylphthalate
Concen: 38.60 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

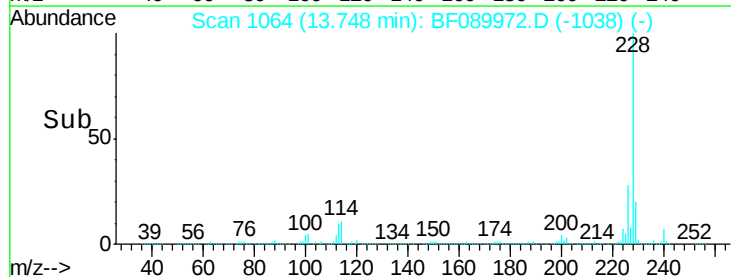
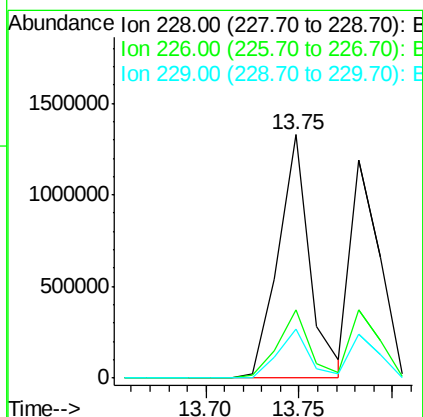
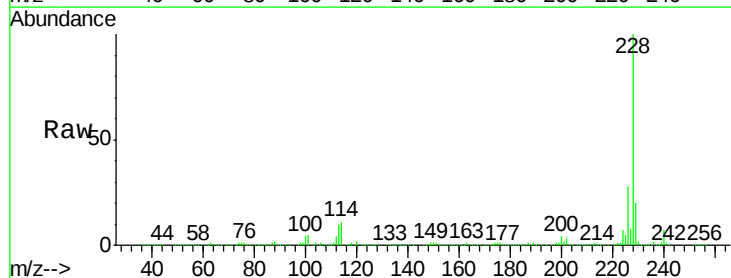
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.2	60.0	90.0
206	17.1	15.1	22.7



#80
Benzo(a)anthracene
Concen: 37.38 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	20.1	15.8	23.6

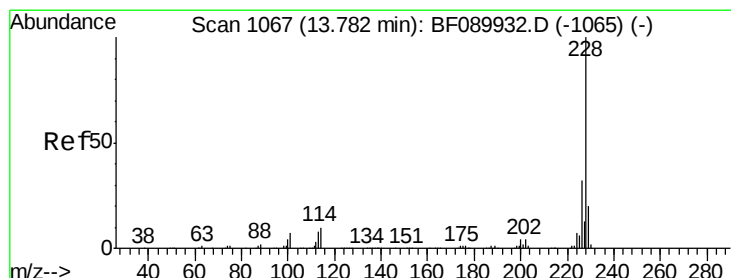
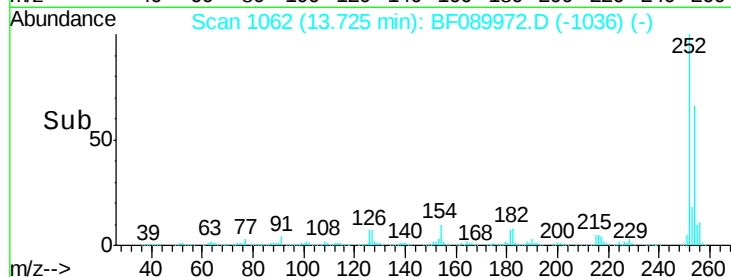
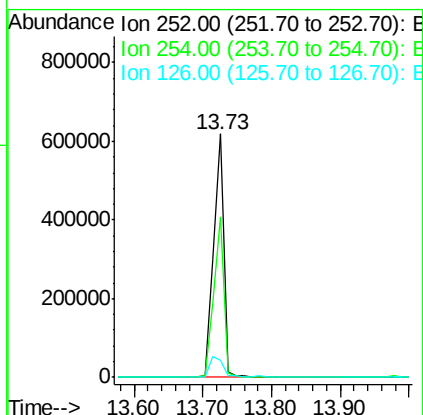
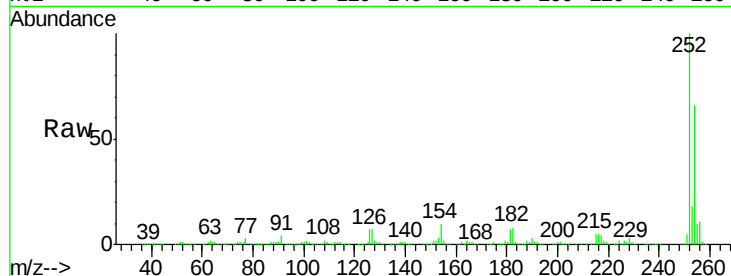




#81
 3,3'-Dichlorobenzidine
 Concen: 43.56 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

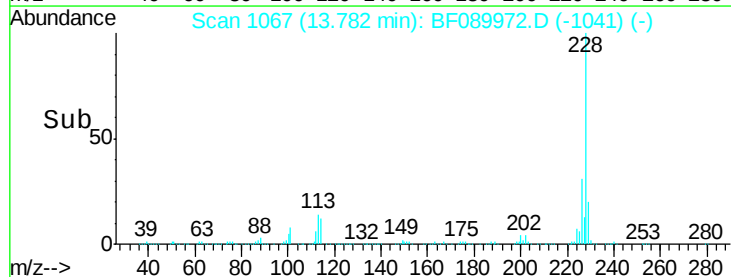
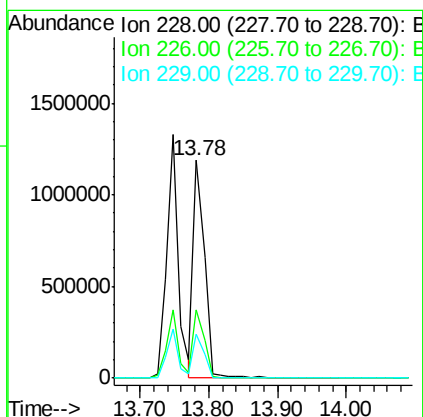
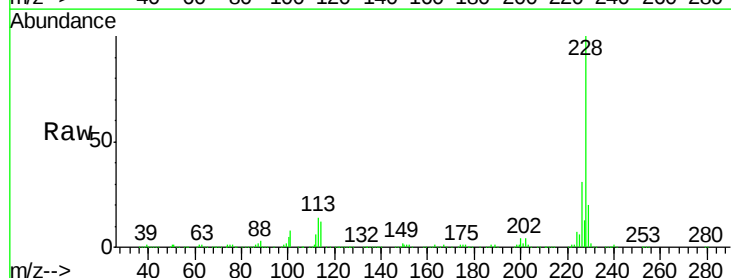
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 655155
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.3 76.9
 126 7.0 12.3 18.5#



#82
 Chrysene
 Concen: 34.00 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Tgt Ion:228 Resp: 1323342
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.2 37.8
 229 20.3 16.2 24.2

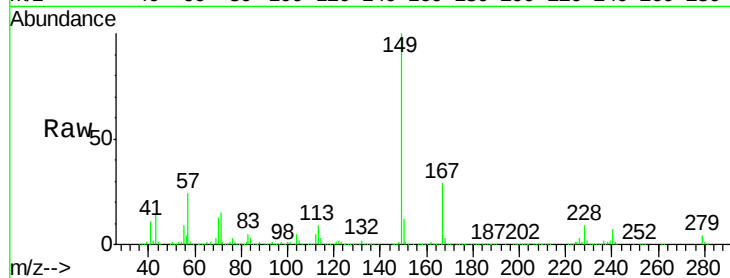




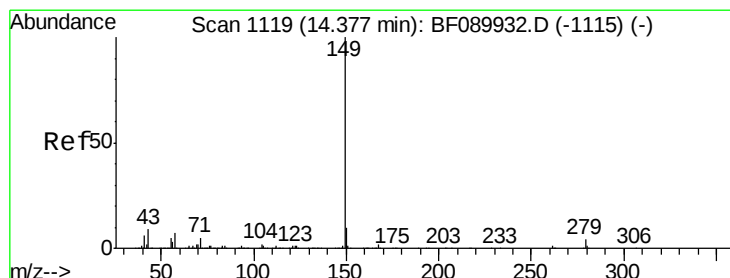
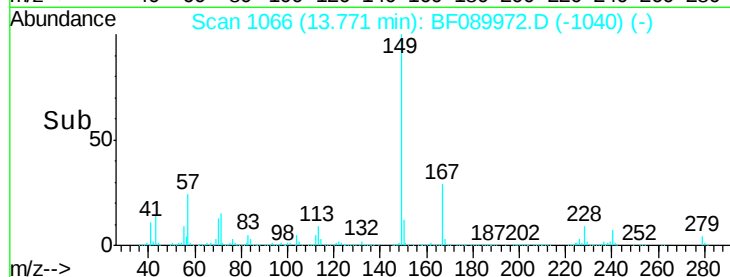
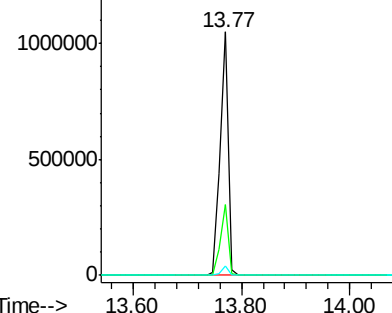
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.49 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1056613
 Ion Ratio Lower Upper
 149 100
 167 29.0 23.6 35.4
 279 4.1 3.4 5.2

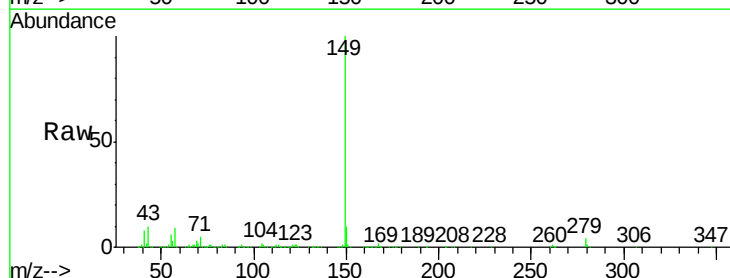


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

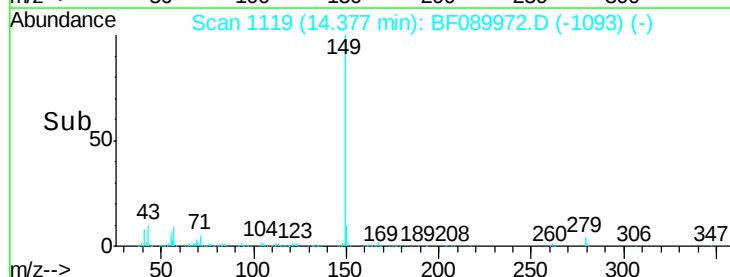
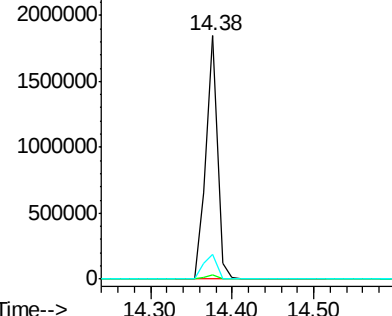


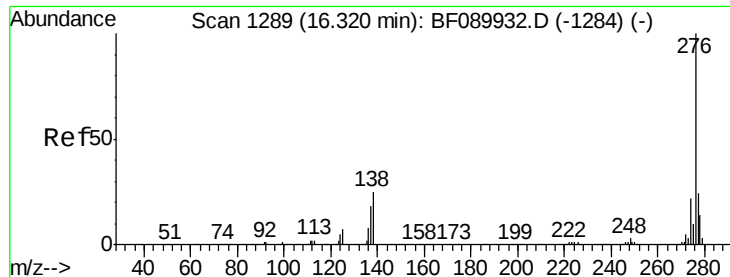
#84
 Di-n-octyl phthalate
 Concen: 42.29 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Tgt Ion:149 Resp: 1826147
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.9 9.3 13.9



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



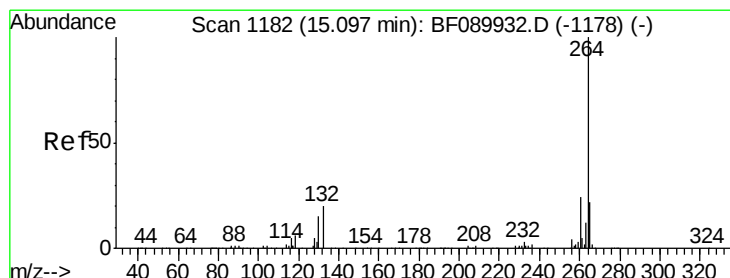
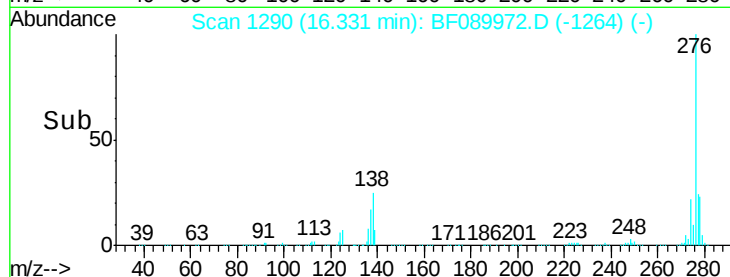
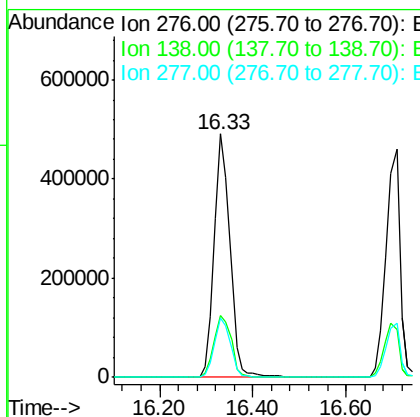
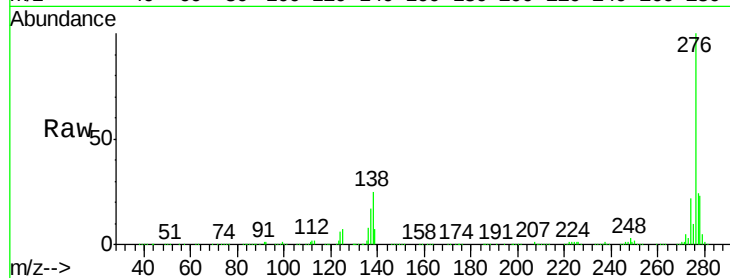


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.62 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1168850

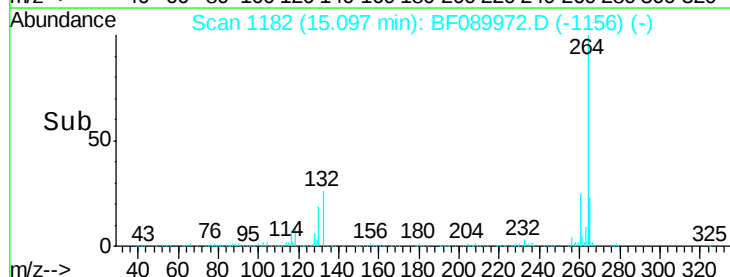
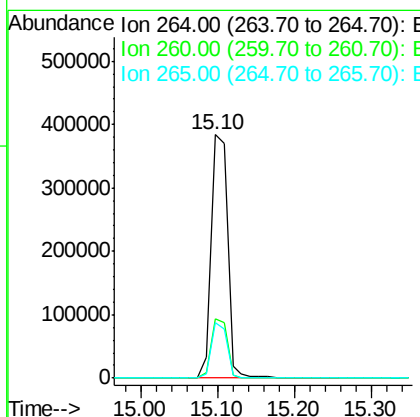
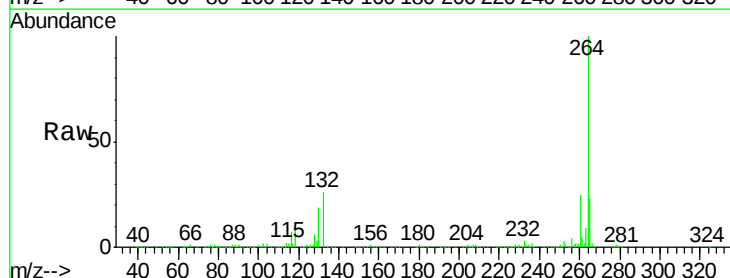
Ion	Ratio	Lower	Upper
276	100		
138	28.2	22.6	34.0
277	25.0	20.1	30.1

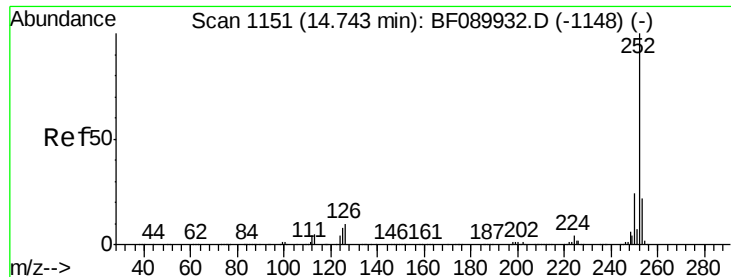


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Tgt Ion:264 Resp: 567810

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.7	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 71.06 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

Instrument :

BNA_F

ClientSampleId :

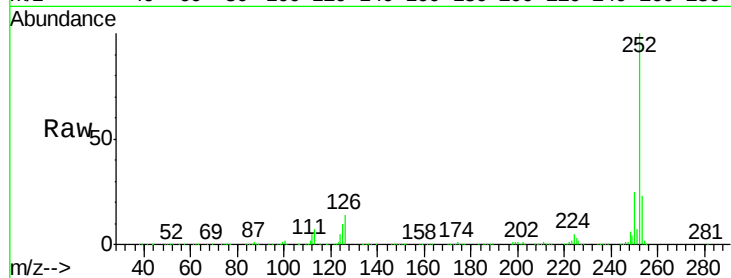
Tot Ion:252 Resp: 2527562

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

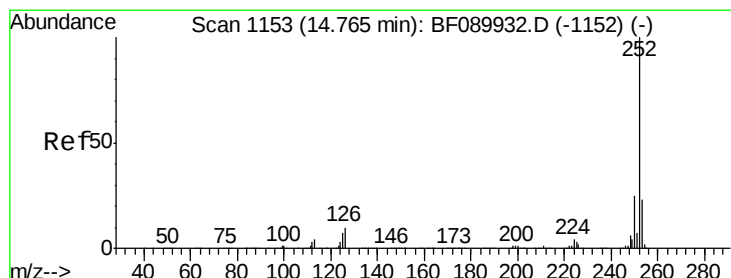
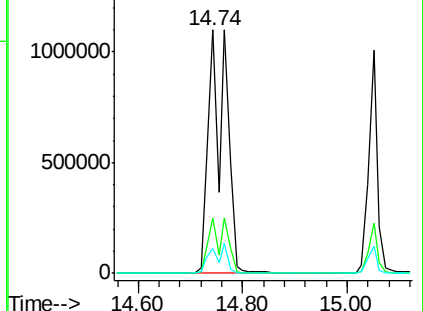
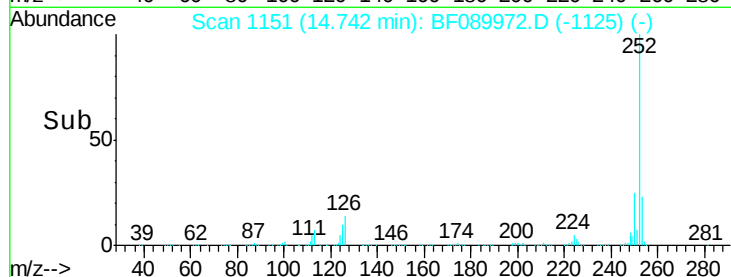
125 10.1 5.7 8.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 83.81 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF089972.D

Acq: 2 Sep 2016 12:54

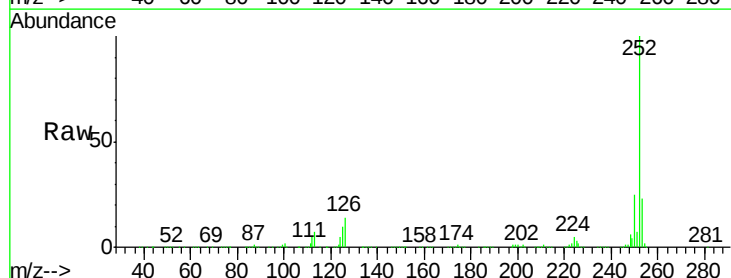
Tgt Ion:252 Resp: 2529622

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

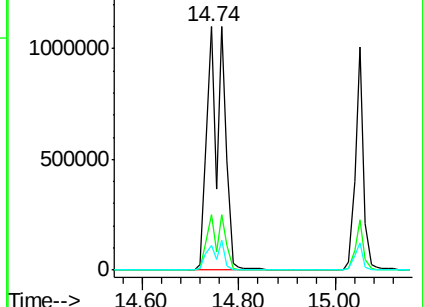
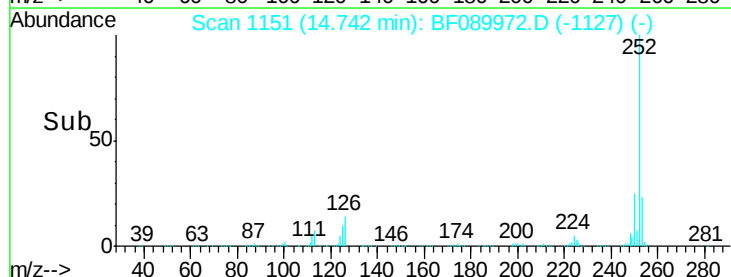
125 10.1 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

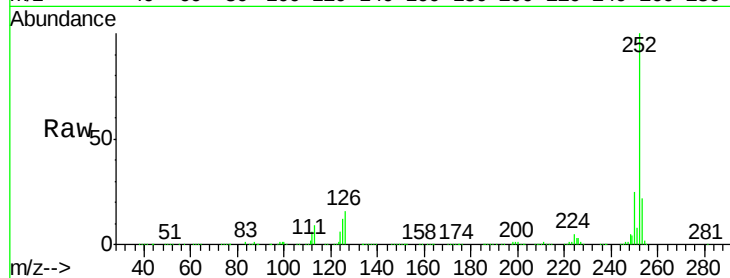




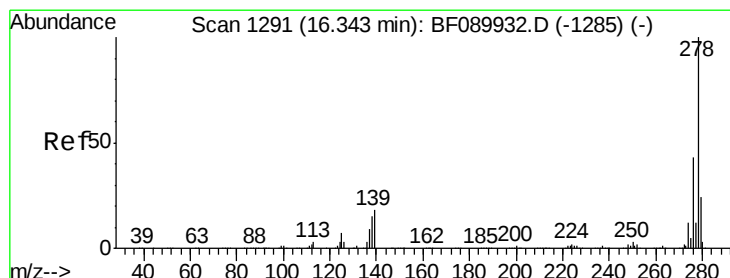
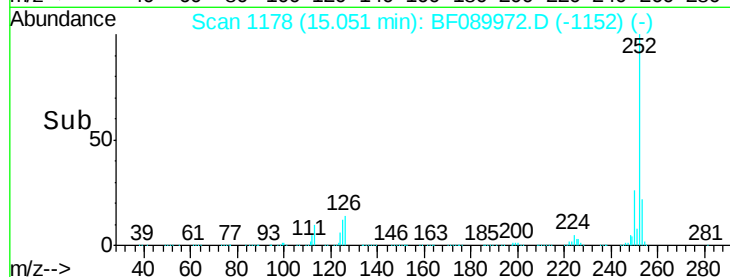
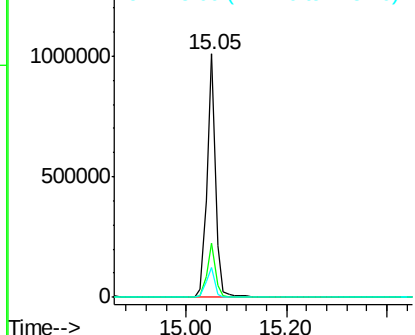
#89
Benzo(a)pyrene
Concen: 38.67 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1178599
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 12.1 6.3 9.5#

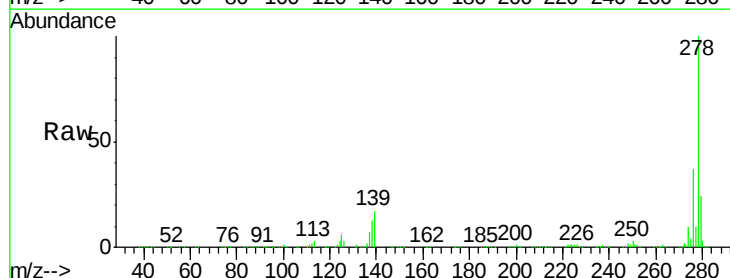


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

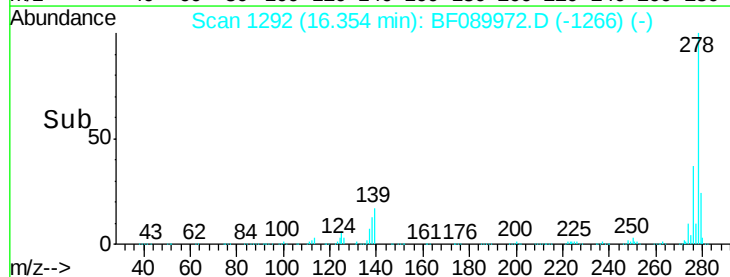
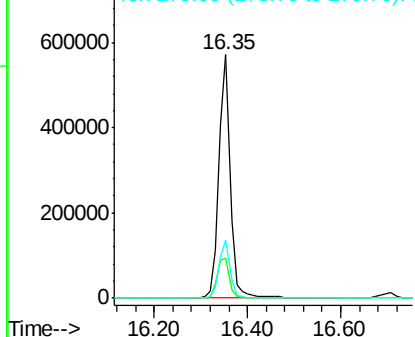


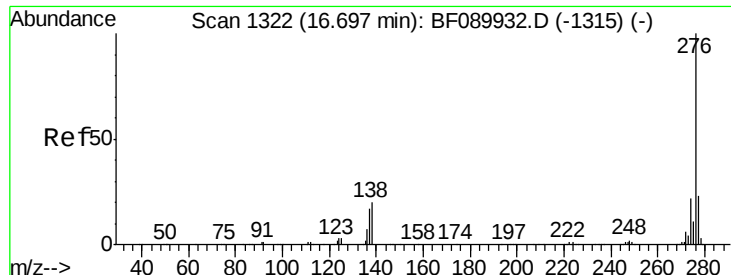
#90
Dibenzo(a,h)anthracene
Concen: 42.56 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF089972.D
Acq: 2 Sep 2016 12:54

Tgt Ion:278 Resp: 950308
Ion Ratio Lower Upper
278 100
139 16.7 13.4 20.2
279 23.9 19.4 29.2



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

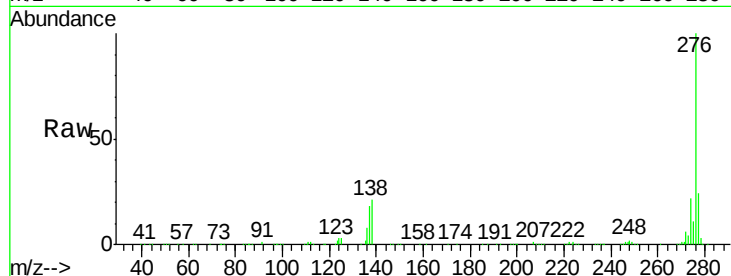




#91
 Benzo(a,h,i)perylene
 Concen: 42.79 ng
 RT: 16.71 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF089972.D
 Acq: 2 Sep 2016 12:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 961718
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.4
 138 21.1 16.4 24.6



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

