

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089321.D
 Acq On : 27 Jul 2016 10:26
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 11:55:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 11:51:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	42732	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	187720	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	90602	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	168675	20.00	ng	0.00
75) Chrysene-d12	13.67	240	135673	20.00	ng	0.00
86) Perylene-d12	15.01	264	110461	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.11	112	131909	47.19	ng	0.00
7) Phenol-d6	6.19	99	182038	50.17	ng	-0.01
23) Nitrobenzene-d5	7.12	82	164692	46.95	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	38552	47.21	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	318437	49.04	ng	0.00
78) Terphenyl-d14	12.63	244	297161	47.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.95	88	31145	25.92	ng	91
3) Pyridine	2.57	79	61556	20.14	ng	98
4) n-Nitrosodimethylamine	2.55	42	19541	15.59	ng	96
6) Aniline	6.20	93	101649	21.25	ng	96
8) 2-Chlorophenol	6.33	128	77714	24.83	ng	100
9) Benzaldehyde	6.09	77	41653	21.84	ng	96
10) Phenol	6.22	94	102330	24.64	ng	96
11) bis(2-Chloroethyl)ether	6.28	93	83113	26.51	ng	91
12) 1,3-Dichlorobenzene	6.48	146	82106	23.89	ng	97
13) 1,4-Dichlorobenzene	6.56	146	90694	25.91	ng	99
14) 1,2-Dichlorobenzene	6.56	146	93551	28.80	ng	95
15) Benzyl Alcohol	6.71	79	55496	21.53	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.83	45	91720	25.56	ng	91
17) 2-Methylphenol	6.82	107	58336	24.03	ng	98
18) Hexachloroethane	7.05	117	33754	25.74	ng	96
19) n-Nitroso-di-n-propylamine	6.97	70	58152	24.97	ng	# 90
20) 3+4-Methylphenols	6.98	107	75081	22.80	ng	96
22) Acetophenone	6.97	105	112227	22.77	ng	# 96
24) Nitrobenzene	7.14	77	87760	23.81	ng	99
25) Isophorone	7.37	82	155790	24.06	ng	94
26) 2-Nitrophenol	7.45	139	39790	23.09	ng	# 70
27) 2,4-Dimethylphenol	7.51	122	69905	24.07	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	95581	24.05	ng	99
29) 2,4-Dichlorophenol	7.70	162	61308	23.38	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	66955	23.16	ng	99
31) Naphthalene	7.85	128	255149	25.41	ng	99
32) Benzoic acid	7.64	122	38975	18.09	ng	97
33) 4-Chloroaniline	7.92	127	89437	21.58	ng	99
34) Hexachlorobutadiene	7.98	225	38750	23.99	ng	97
35) Caprolactam	8.27	113	17803	22.11	ng	96
36) 4-Chloro-3-methylphenol	8.41	107	68815	21.77	ng	95
37) 2-Methylnaphthalene	8.55	142	138000	21.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	78918	23.64	ng	99
40) Hexachlorocyclopentadiene	8.70	237	15049	17.25	ng	98

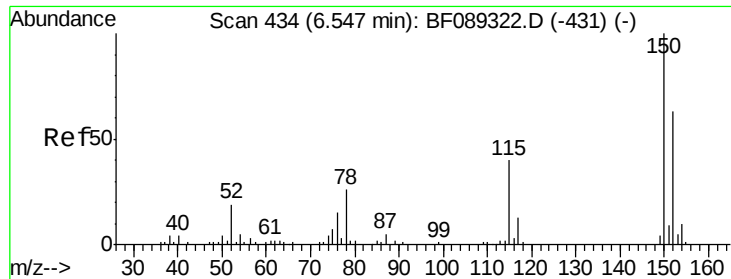
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	36850	20.18	nq	95
43) 2,4,5-Trichlorophenol	8.88	196	50483	27.01	nq	98
45) 1,1'-Biphenyl	9.00	154	194532	24.01	nq	99
46) 2-Chloronaphthalene	9.03	162	150315	24.42	nq	97
47) 2-Nitroaniline	9.13	65	44533	21.43	nq	# 65
48) Acenaphthylene	9.44	152	231434	23.75	nq	99
49) Dimethylphthalate	9.31	163	167423	24.30	nq	98
50) 2,6-Dinitrotoluene	9.38	165	35115	22.70	nq	89
51) Acenaphthene	9.61	154	135069	23.57	nq	100
52) 3-Nitroaniline	9.55	138	39706	22.09	nq	97
53) 2,4-Dinitrophenol	9.67	184	8340	14.05	nq	96
54) Dibenzofuran	9.78	168	185052	23.97	nq	98
55) 4-Nitrophenol	9.78	139	102107	98.24	nq	# 10
56) 2,4-Dinitrotoluene	9.78	165	51010	25.42	nq	# 82
57) Fluorene	10.12	166	156109	24.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	26565	19.73	nq	99
59) Diethylphthalate	10.01	149	182041	26.51	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	71542	23.91	nq	99
61) 4-Nitroaniline	10.16	138	37740	21.15	nq	92
62) Azobenzene	10.27	77	178877	24.00	nq	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	21477	22.19	nq	95
65) n-Nitrosodiphenylamine	10.24	169	140659	24.98	nq	98
66) 4-Bromophenyl-phenylether	10.60	248	42976	25.71	nq	98
67) Hexachlorobenzene	10.66	284	42118	23.73	nq	95
68) Atrazine	10.78	200	40645	23.17	nq	97
69) Pentachlorophenol	10.87	266	15368	19.33	nq	97
70) Phenanthrene	11.07	178	224926	24.18	nq	100
71) Anthracene	11.12	178	249455	26.12	nq	99
72) Carbazole	11.29	167	208592	25.15	nq	99
73) Di-n-butylphthalate	11.62	149	266083	25.22	nq	100
74) Fluoranthene	12.25	202	246091	25.12	nq	99
76) Benzidine	12.39	184	123130	26.21	nq	97
77) Pyrene	12.47	202	240255	21.92	nq	99
79) Butylbenzylphthalate	13.11	149	120815	25.44	nq	99
80) Benzo(a)anthracene	13.66	228	201239	23.57	nq	99
81) 3,3'-Dichlorobenzidine	13.63	252	71311	25.44	nq	99
82) Chrysene	13.69	228	198315	24.51	nq	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	163634	25.81	nq	99
84) Di-n-octyl phthalate	14.27	149	265479	25.66	nq	100
85) Indeno(1,2,3-cd)pyrene	16.19	276	147635	25.02	nq	100
87) Benzo(b)fluoranthene	14.67	252	342731	45.17	nq	99
88) Benzo(k)fluoranthene	14.67	252	342731	56.77	nq	96
89) Benzo(a)pyrene	14.95	252	155662	25.06	nq	99
90) Dibenzo(a,h)anthracene	16.21	278	124679	25.46	nq	97
91) Benzo(g,h,i)perylene	16.55	276	118088	23.94	nq	97

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

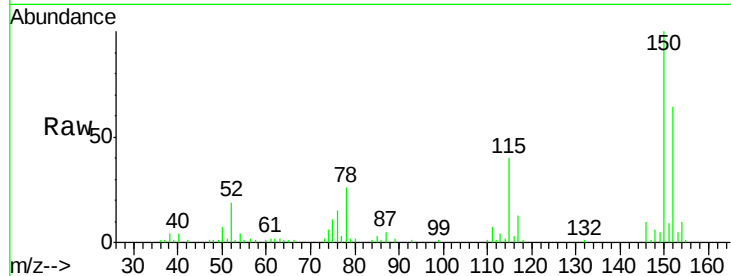


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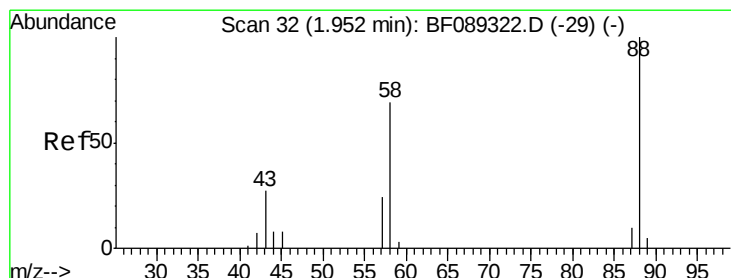
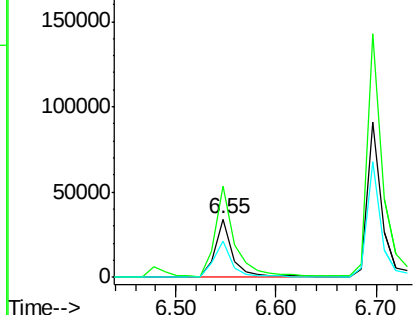
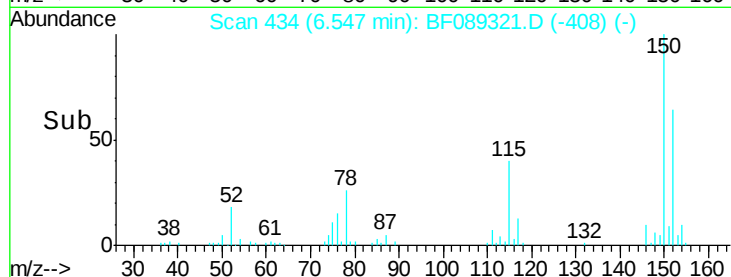
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 42732
Ion Ratio Lower Upper
152 100
150 155.5 129.5 194.3
115 61.8 51.4 77.2



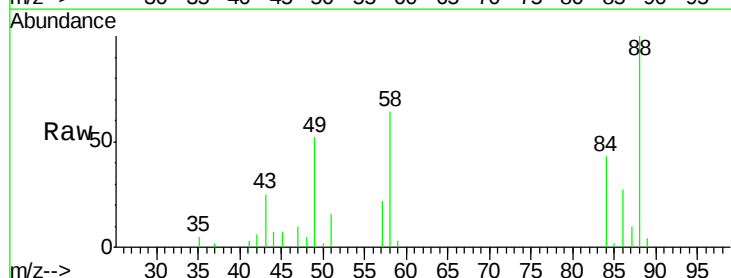
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



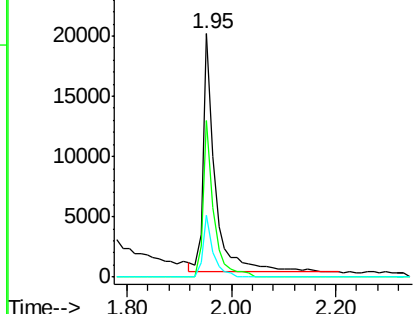
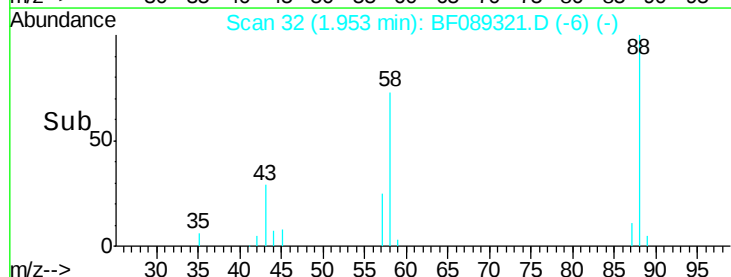
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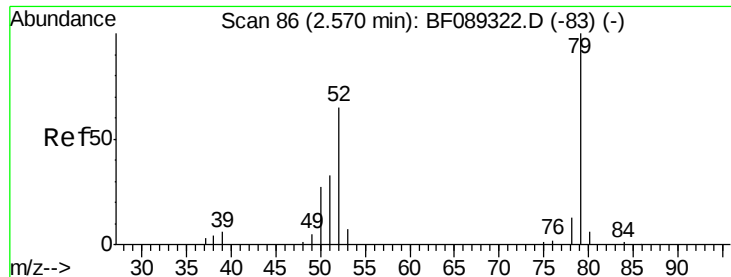
1,4-Dioxane
Concen: 25.92 ng
RT: 1.95 min Scan# 32
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion: 88 Resp: 31145
Ion Ratio Lower Upper
88 100
58 58.4 53.2 79.8
43 22.5 20.6 31.0



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





#3

Pvridine

Concen: 20.14 ng

RT: 2.57 min Scan# 86

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

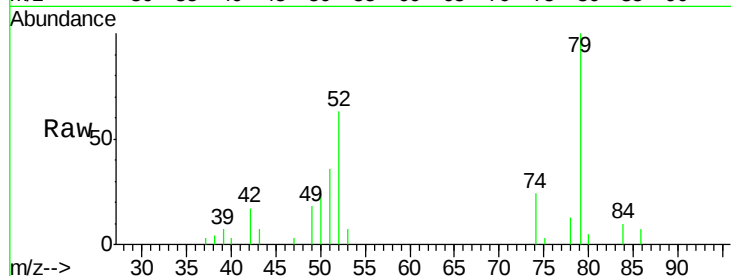
Tot Ion: 79 Resp: 61556

Ion Ratio Lower Upper

79 100

52 63.0 51.9 77.9

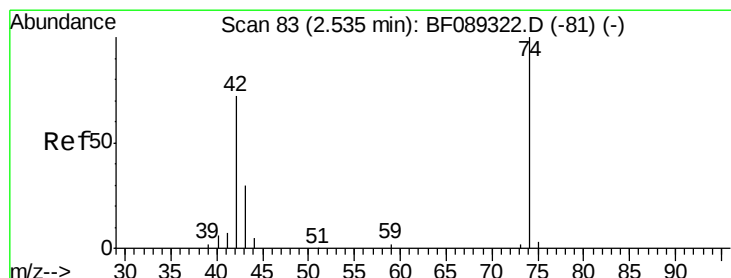
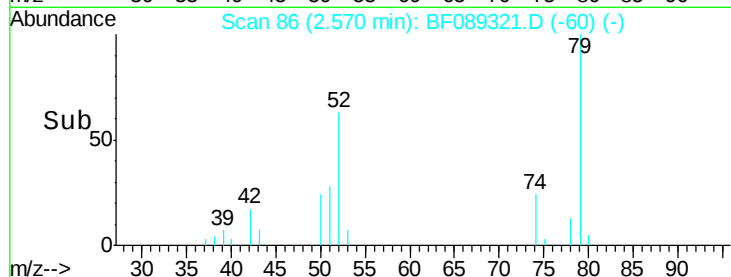
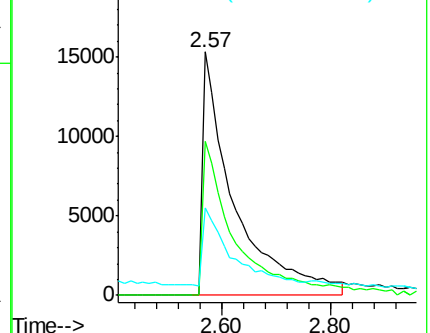
51 36.0 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 15.59 ng

RT: 2.55 min Scan# 84

Delta R.T. 0.01 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

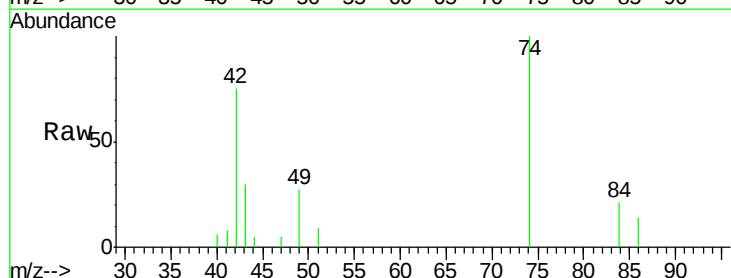
Tgt Ion: 42 Resp: 19541

Ion Ratio Lower Upper

42 100

74 133.8 110.8 166.2

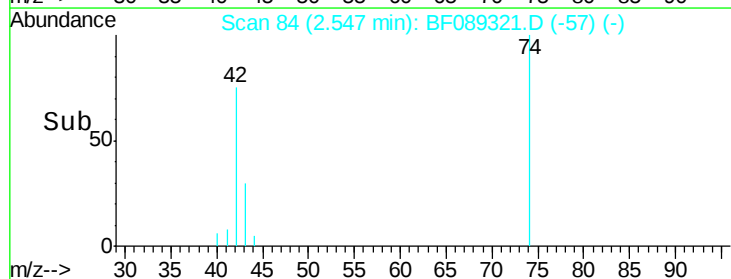
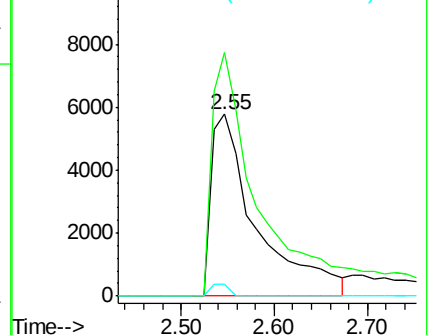
44 6.4 5.2 7.8

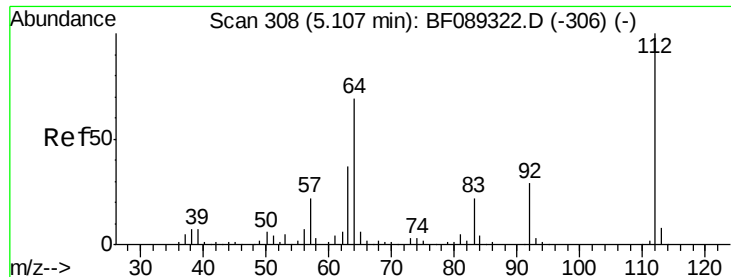


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 47.19 ng

RT: 5.11 min Scan# 308

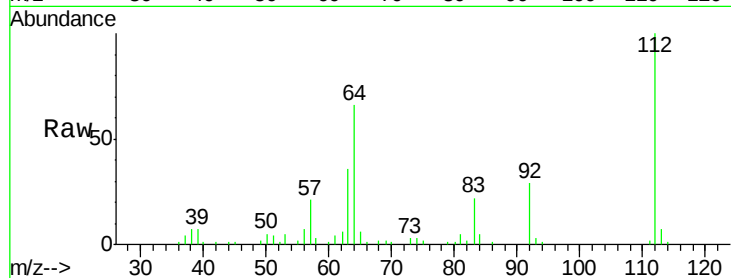
Delta R.T. 0.00 min

Lab File: BF089321.D

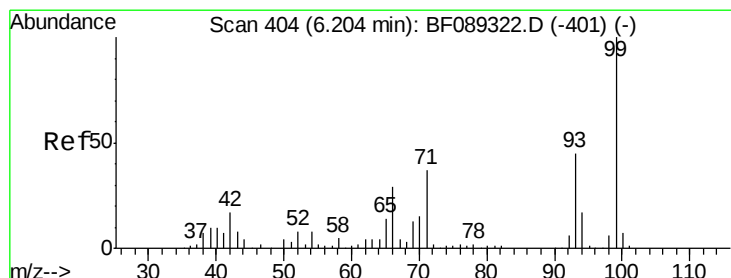
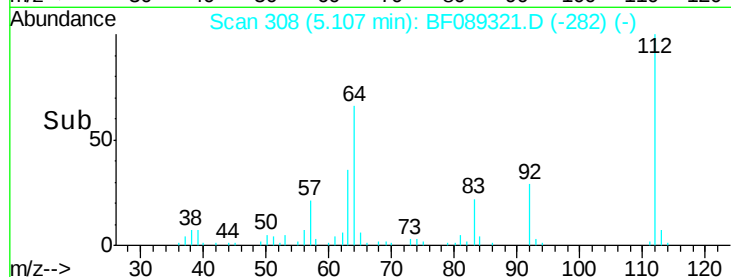
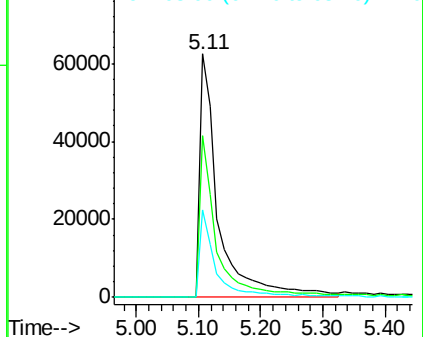
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	131909
Ion	Ratio	Lower	Upper
112	100		
64	66.3	55.0	82.6
63	35.8	29.4	44.2



Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.25 ng

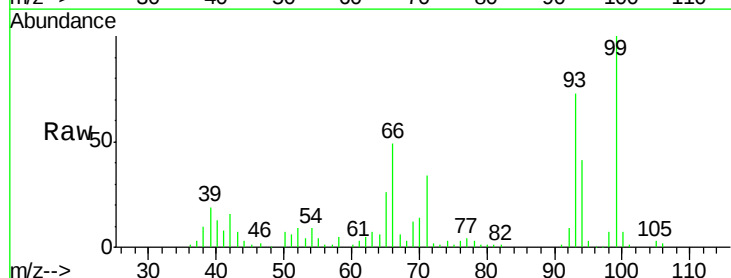
RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

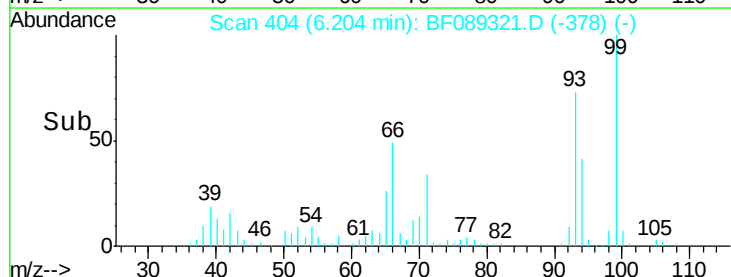
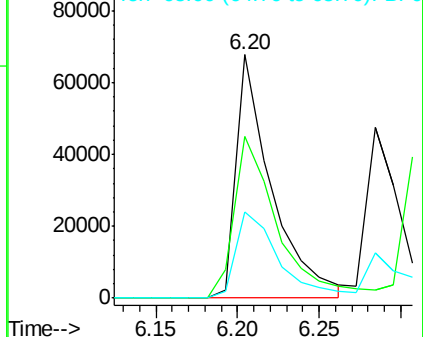
Lab File: BF089321.D

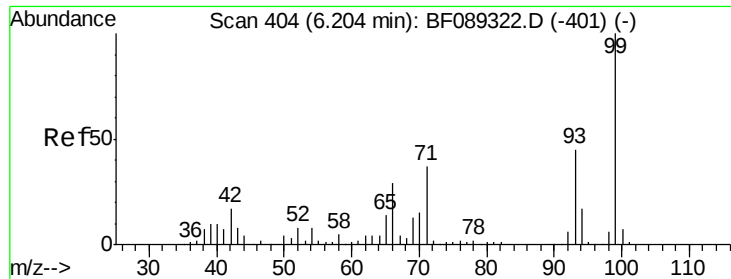
Acq: 27 Jul 2016 10:26

Tgt Ion:	93	Resp:	101649
Ion	Ratio	Lower	Upper
93	100		
66	66.6	51.6	77.4
65	35.2	24.7	37.1



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: 50.17 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

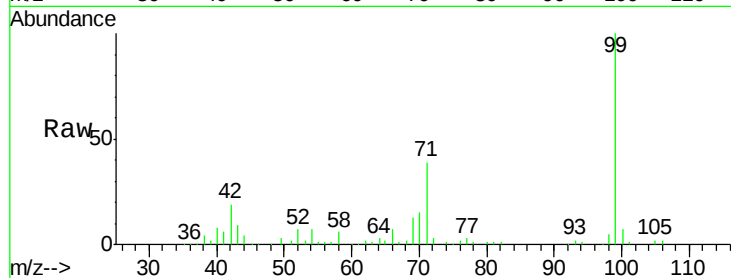
Tot Ion: 99 Resp: 182038

Ion Ratio Lower Upper

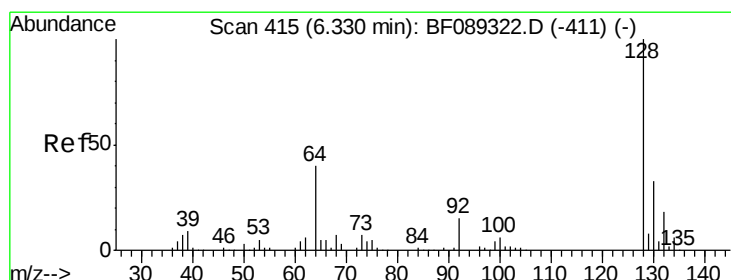
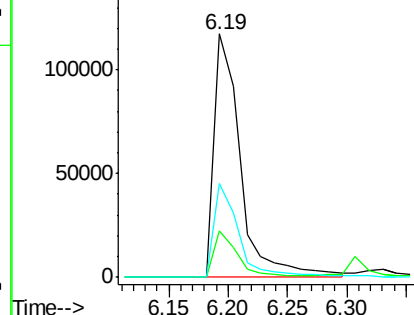
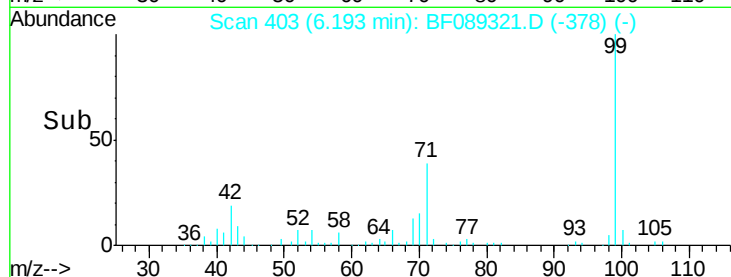
99 100

42 19.0 13.6 20.4

71 38.6 29.4 44.2



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



#8

2-Chlorophenol

Concen: 24.83 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

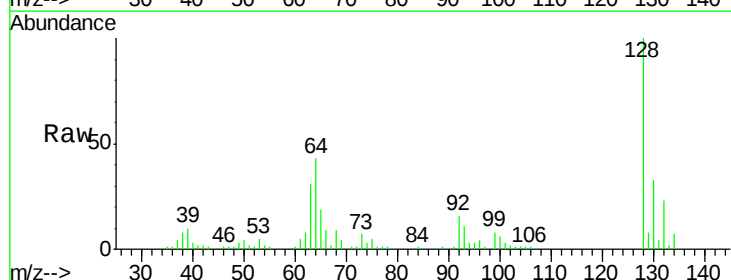
Tgt Ion:128 Resp: 77714

Ion Ratio Lower Upper

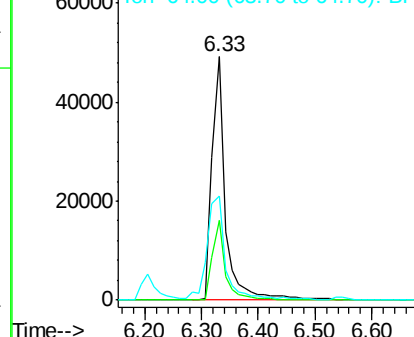
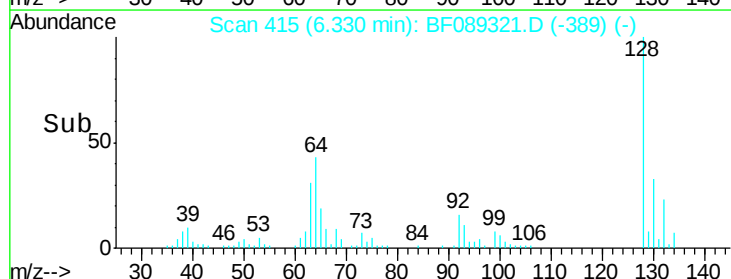
128 100

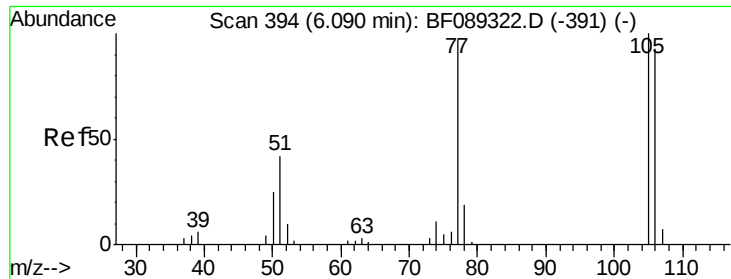
130 32.6 12.6 52.6

64 42.5 22.1 62.1



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

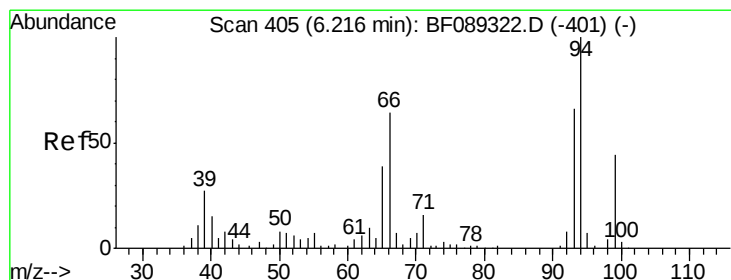
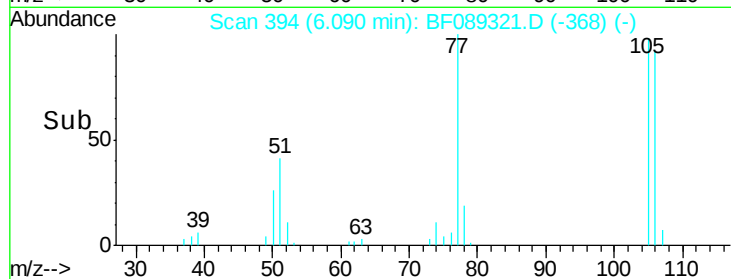
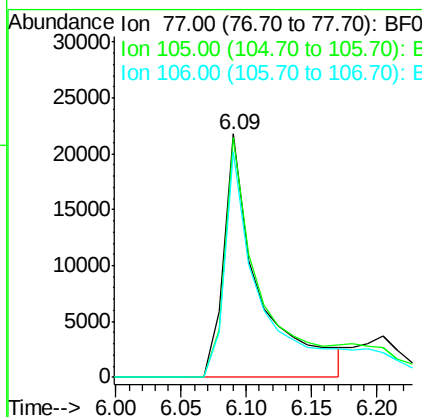
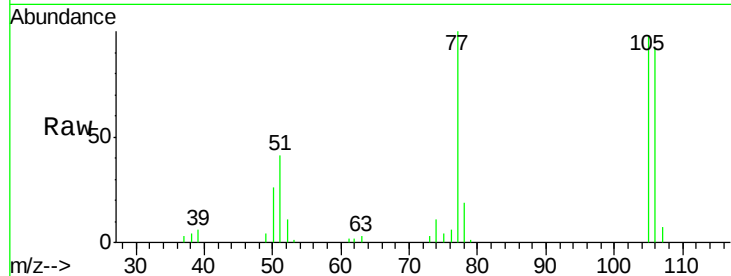




#9
Benzaldehyde
Concen: 21.84 ng
RT: 6.09 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

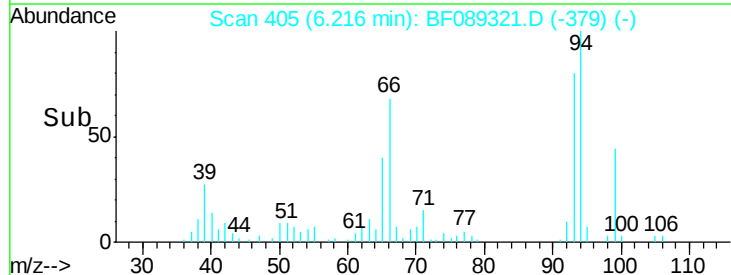
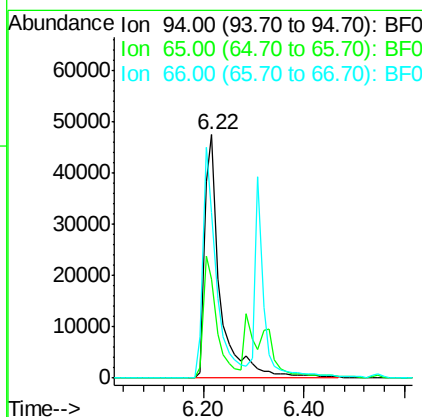
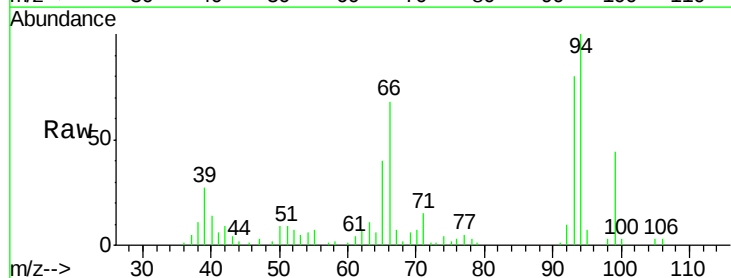
Instrument :
BNA_F
ClientSampleId :

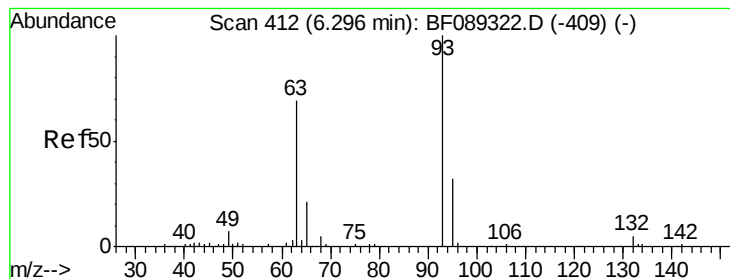
Tot Ion: 77 Resp: 41653
Ion Ratio Lower Upper
77 100
105 98.4 82.9 122.9
106 92.5 75.9 115.9



#10
Phenol
Concen: 24.64 ng
RT: 6.22 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion: 94 Resp: 102330
Ion Ratio Lower Upper
94 100
65 40.5 19.1 59.1
66 68.2 44.4 84.4





#11

bis(2-Chloroethyl)ether

Concen: 26.51 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

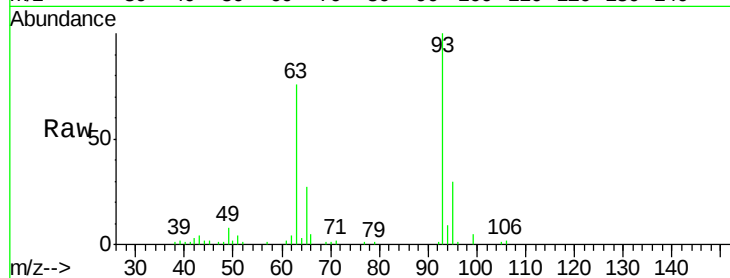
Tot Ion: 93 Resp: 83113

Ion Ratio Lower Upper

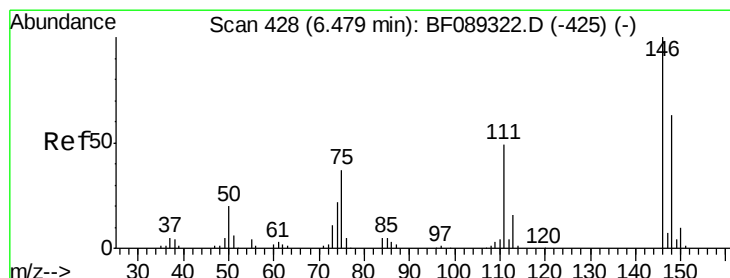
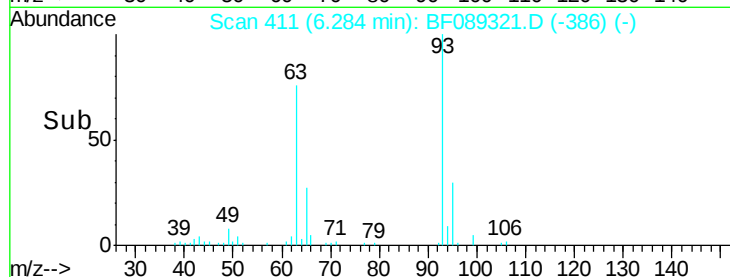
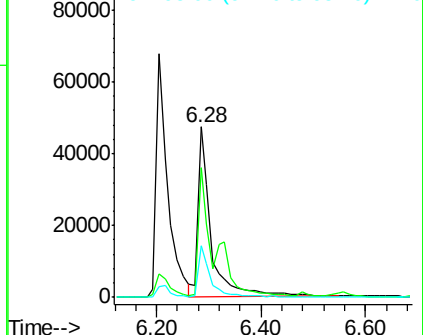
93 100

63 75.9 45.6 85.6

95 30.0 11.1 51.1



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



#12

1,3-Dichlorobenzene

Concen: 23.89 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

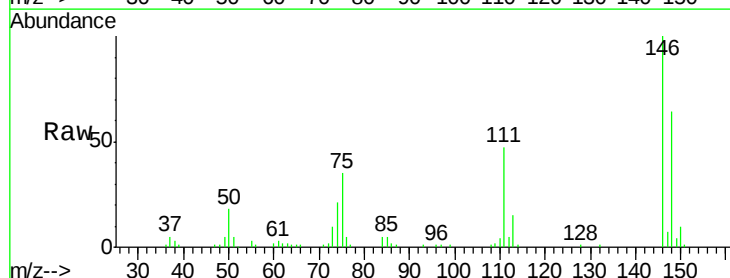
Tgt Ion: 146 Resp: 82106

Ion Ratio Lower Upper

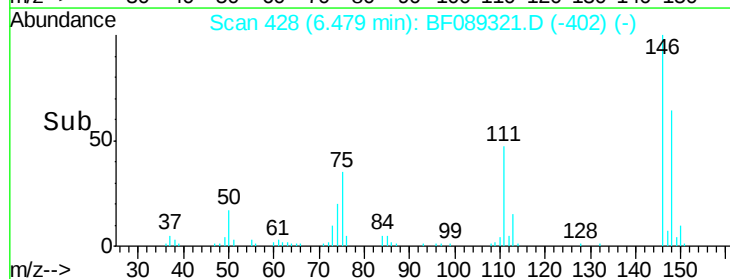
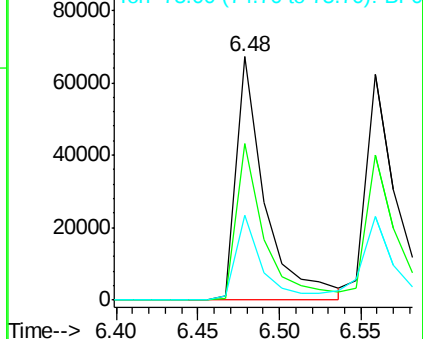
146 100

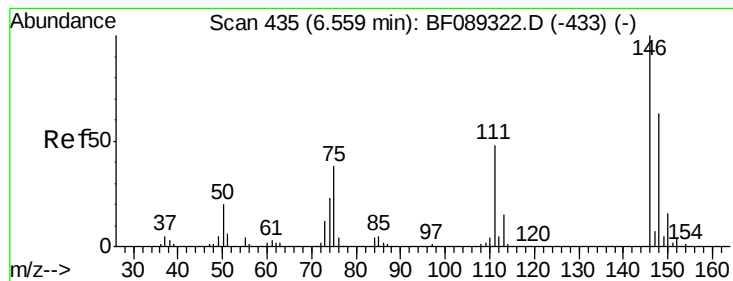
148 64.2 50.5 75.7

75 34.8 30.0 45.0



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: 25.91 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampled :

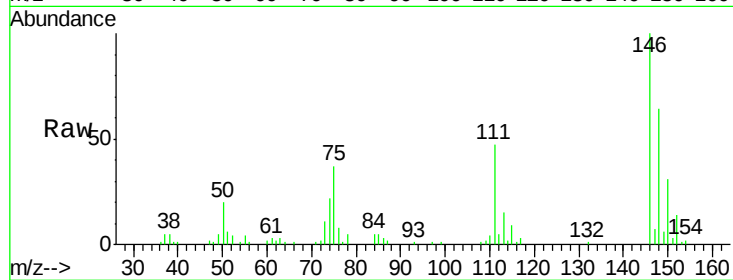
Tot Ion:146 Resp: 90694

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

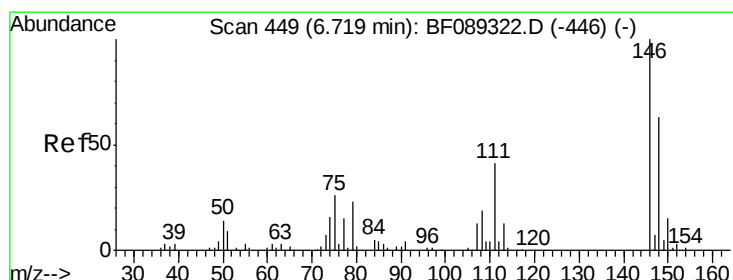
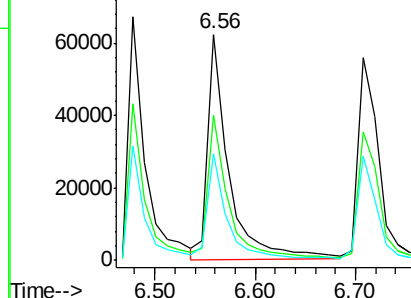
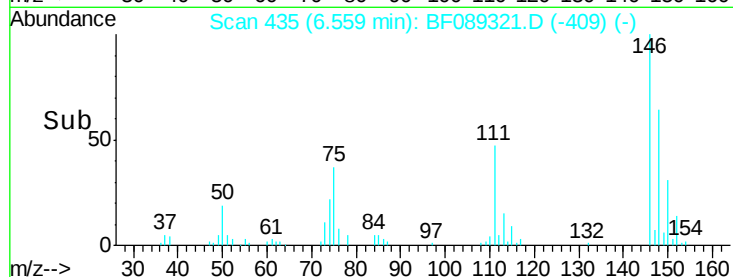
111 47.2 38.6 57.8



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



#14

1,2-Dichlorobenzene

Concen: 28.80 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.16 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

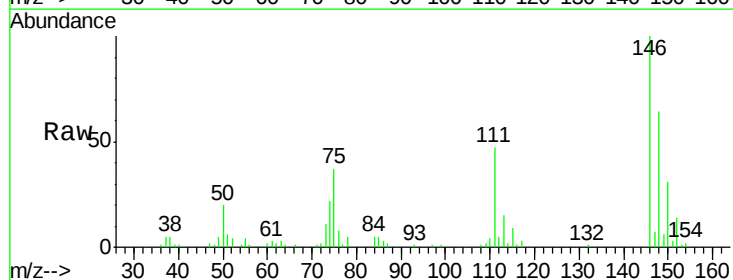
Tgt Ion:146 Resp: 93551

Ion Ratio Lower Upper

146 100

148 64.4 50.4 75.6

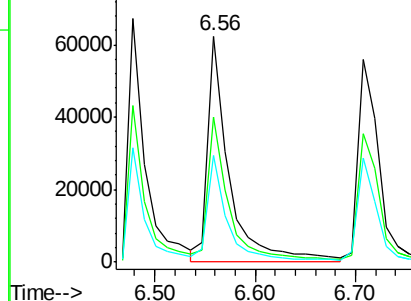
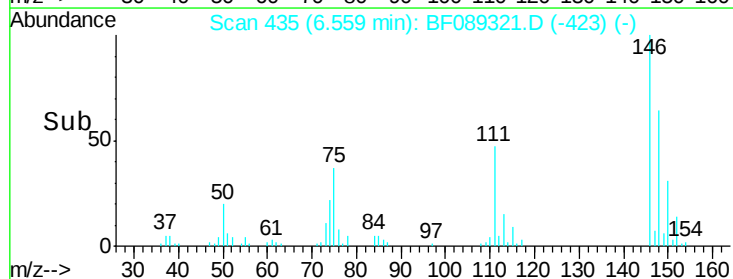
111 47.2 33.0 49.4

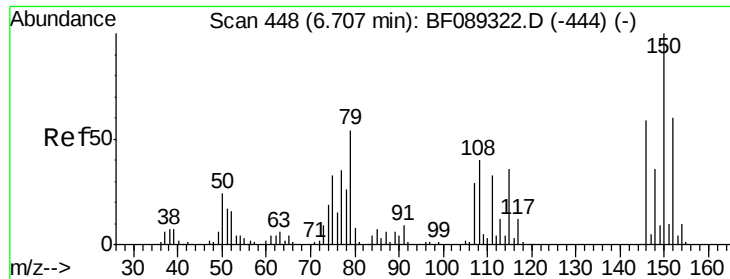


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

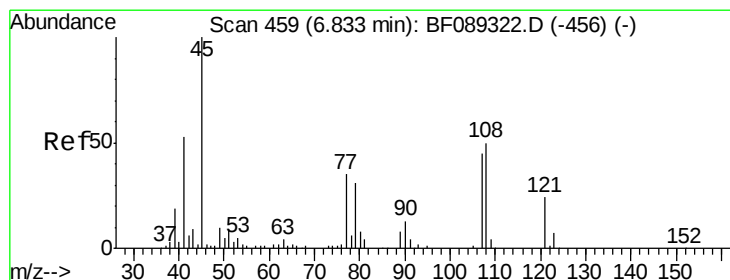
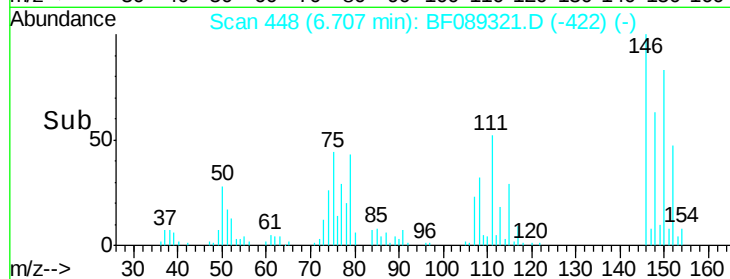
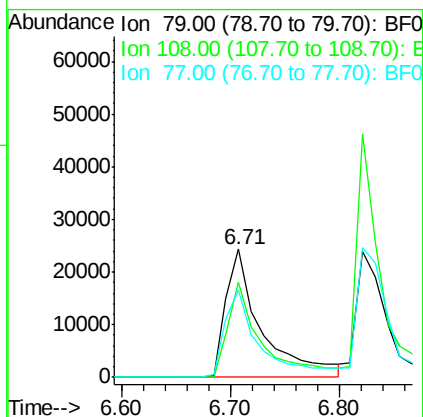
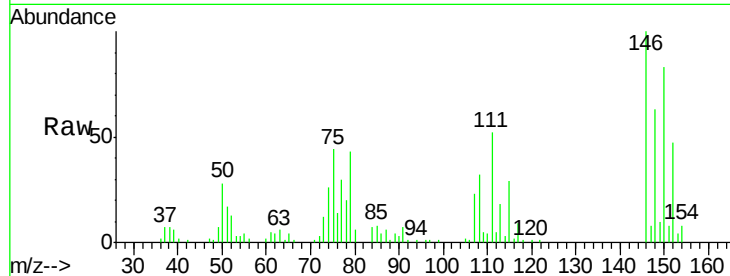




#15
Benzyl Alcohol
Concen: 21.53 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

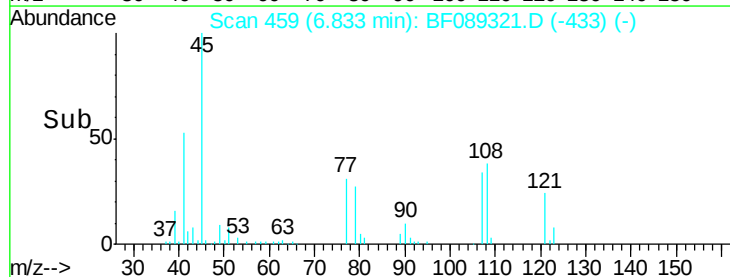
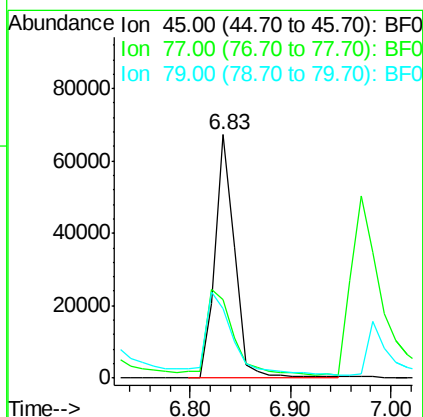
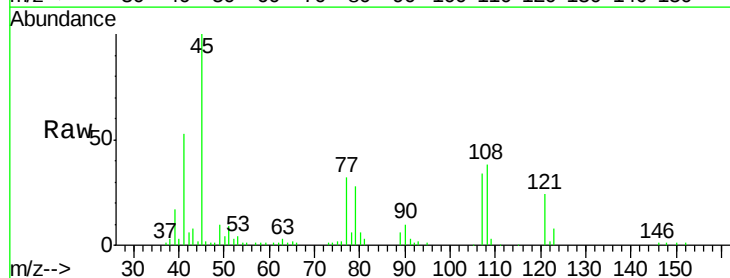
Instrument :
BNA_F
ClientSampled :

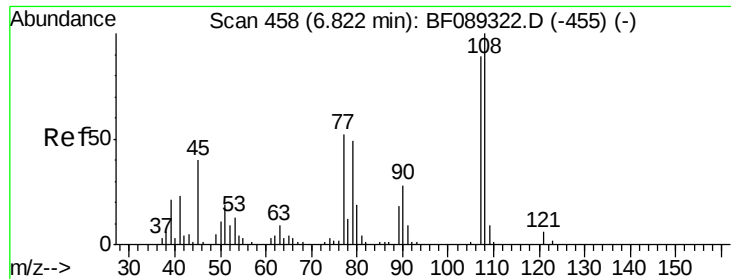
Tot Ion: 79 Resp: 55496
Ion Ratio Lower Upper
79 100
108 74.6 59.8 89.6
77 68.8 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 25.56 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion: 45 Resp: 91720
Ion Ratio Lower Upper
45 100
77 32.1 17.3 57.3
79 28.3 13.9 53.9





#17

2-Methylphenol

Concen: 24.03 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 58336

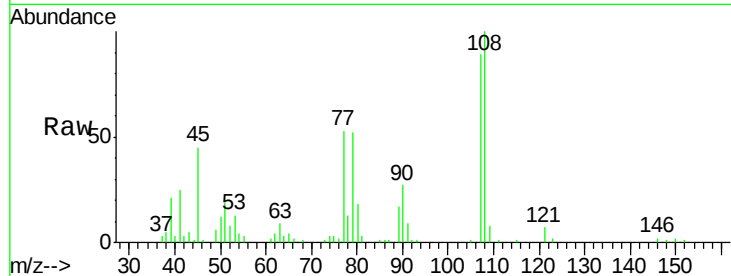
Ion Ratio Lower Upper

107 100

108 112.6 91.4 137.0

77 60.1 48.6 73.0

79 58.4 48.2 72.4

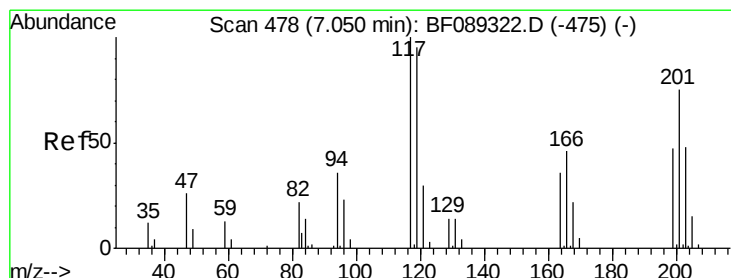
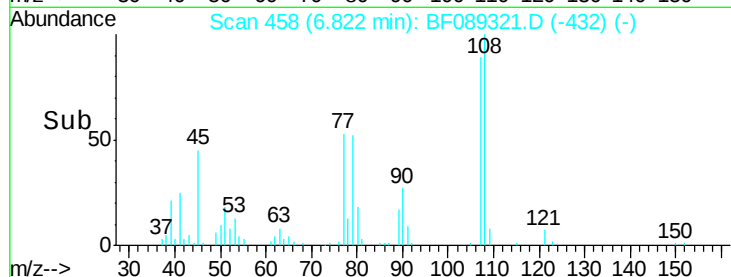
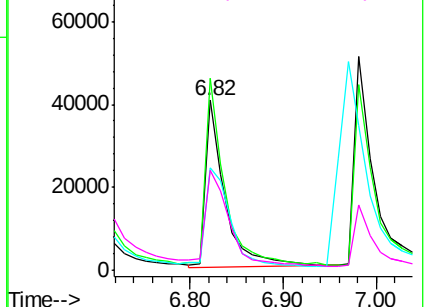


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 25.74 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

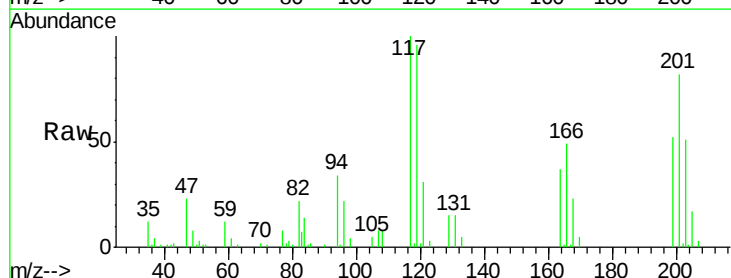
Tgt Ion:117 Resp: 33754

Ion Ratio Lower Upper

117 100

119 96.3 76.0 114.0

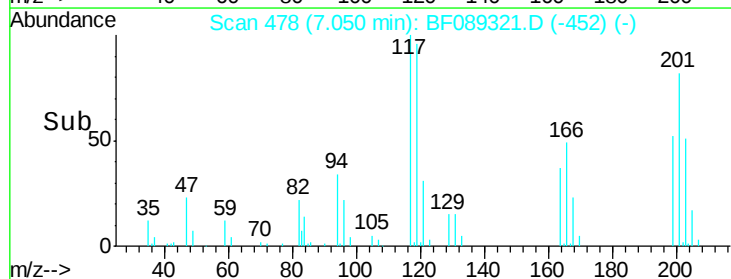
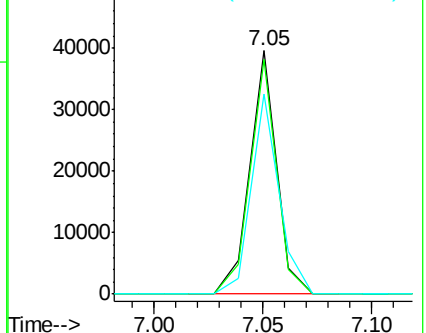
201 82.0 60.0 90.0

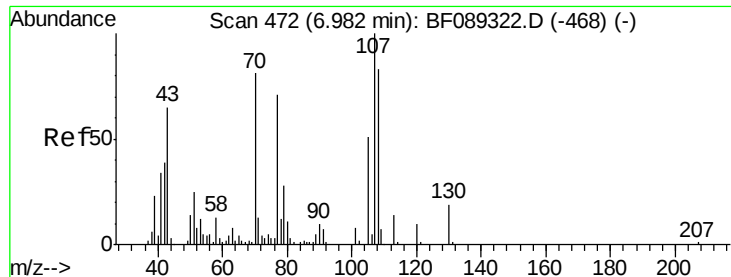


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

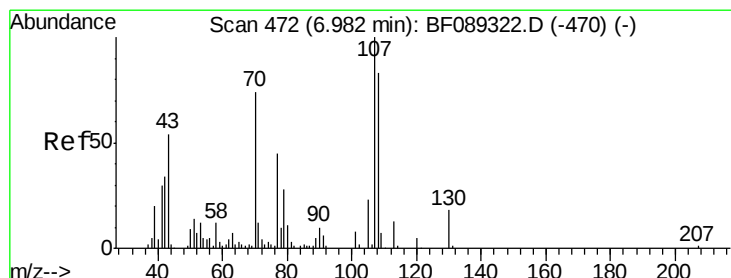
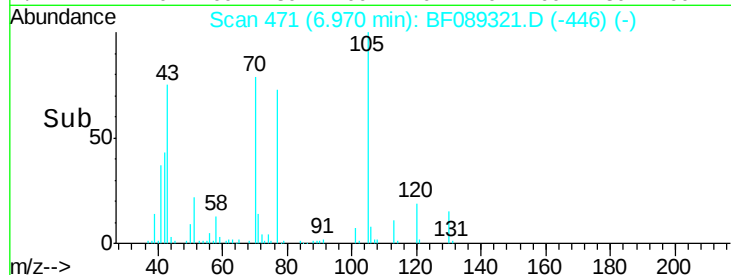
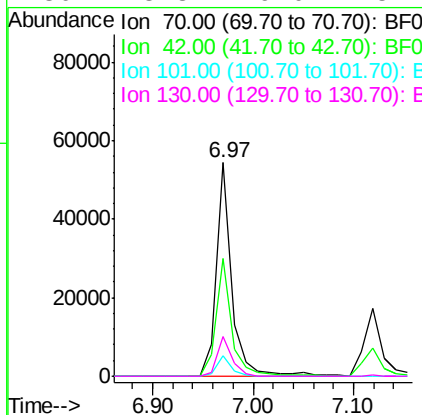
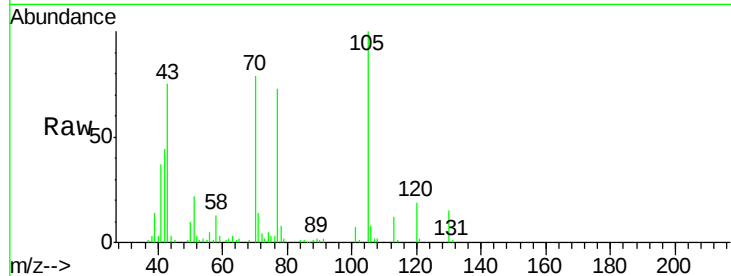




#19
n-Nitroso-di-n-propylamine
Concen: 24.97 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

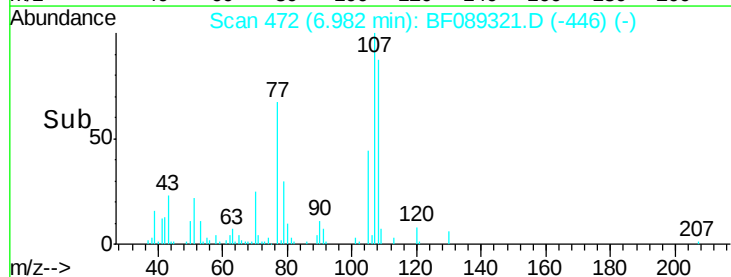
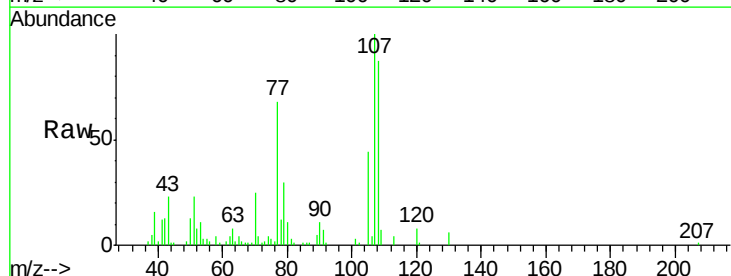
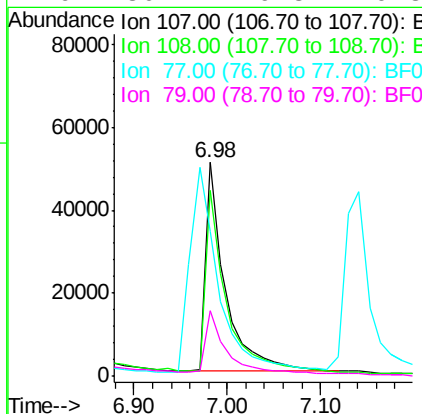
Instrument :
BNA_F
ClientSampleId :

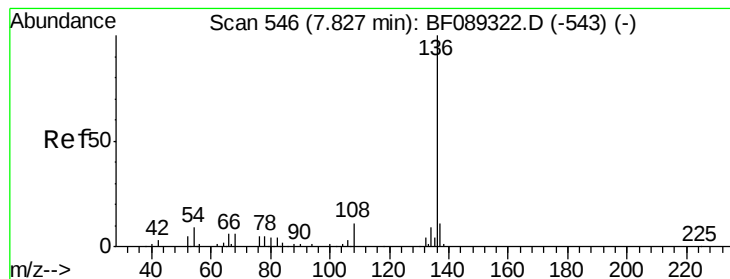
Tot Ion: 70 Resp: 58152
Ion Ratio Lower Upper
70 100
42 55.3 38.6 57.8
101 9.4 8.3 12.5
130 18.3 19.0 28.4#



#20
3+4-Methylphenols
Concen: 22.80 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion: 107 Resp: 75081
Ion Ratio Lower Upper
107 100
108 86.9 63.3 103.3
77 67.6 51.1 91.1
79 30.4 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 187720

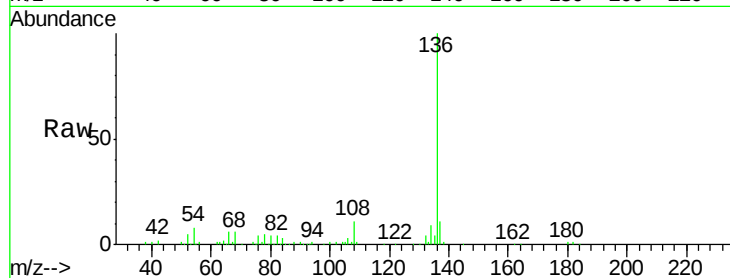
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.2 7.0 10.4

68 6.2 4.9 7.3

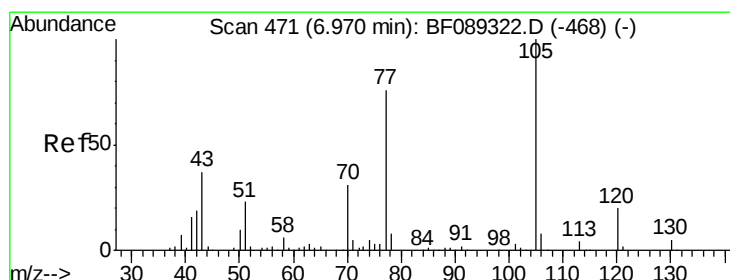
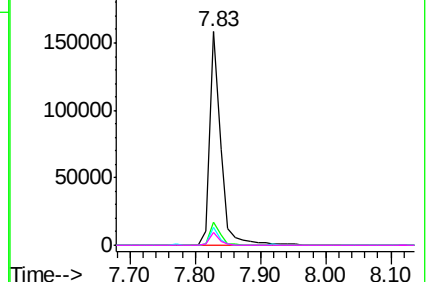
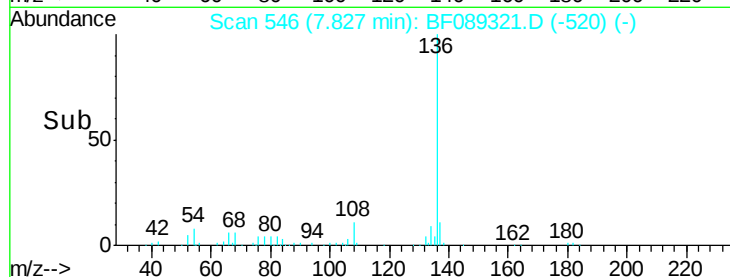


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 22.77 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Tgt Ion:105 Resp: 112227

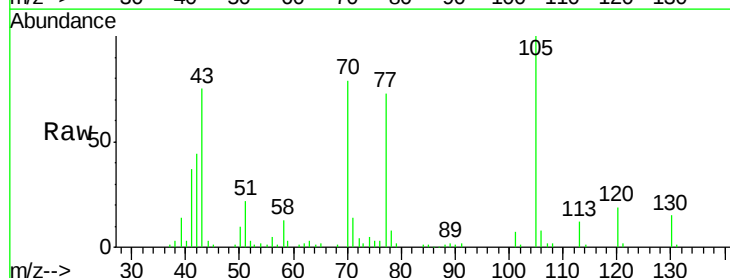
Ion Ratio Lower Upper

105 100

71 13.6 4.2 6.2#

51 22.4 18.7 28.1

120 19.4 15.8 23.6

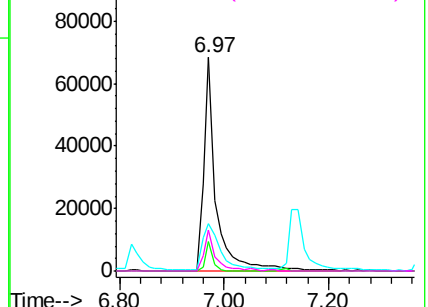
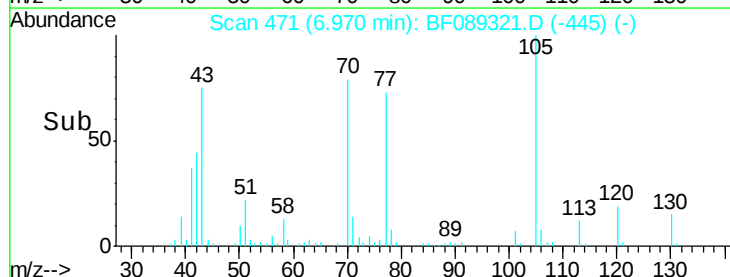


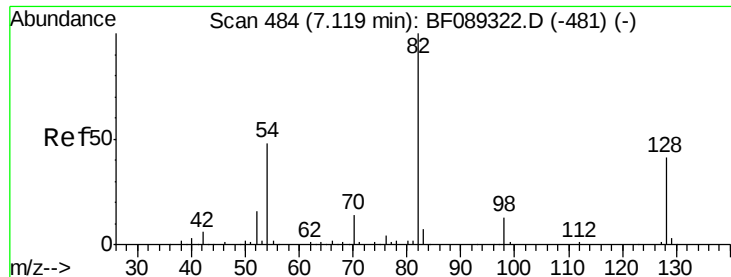
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

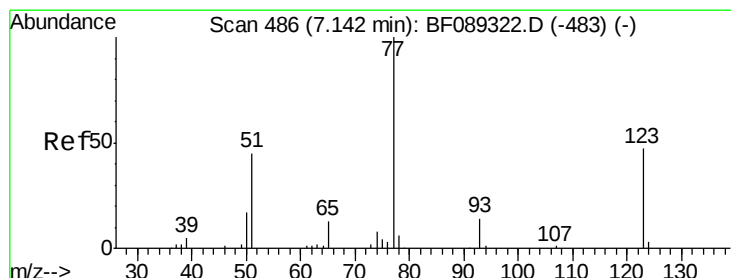
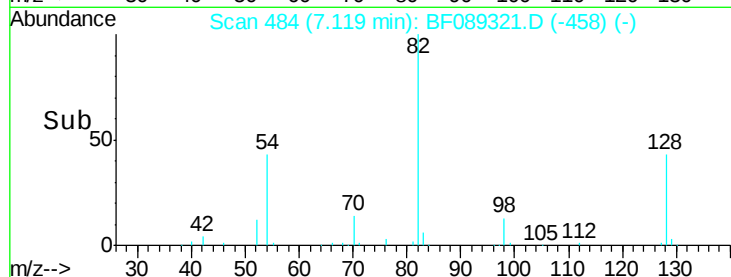
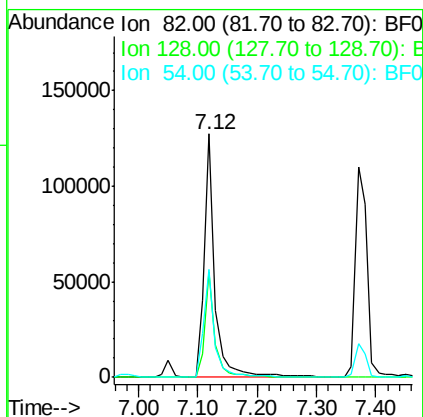
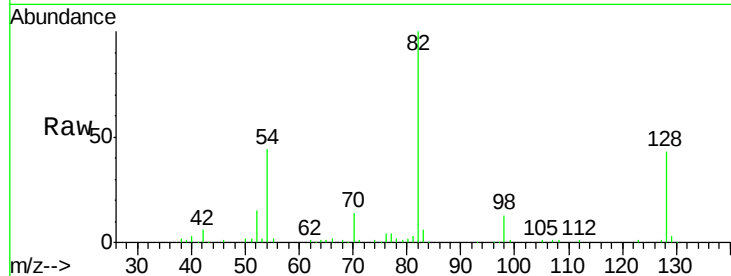




#23
 Nitrobenzene-d5
 Concen: 46.95 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

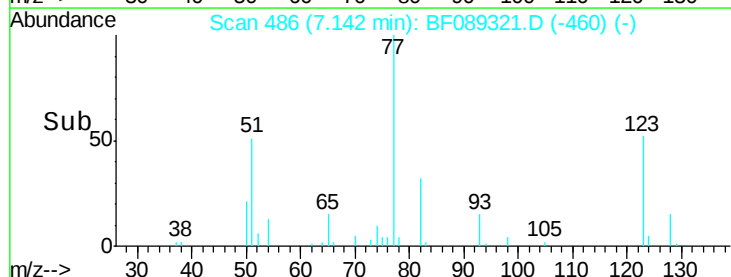
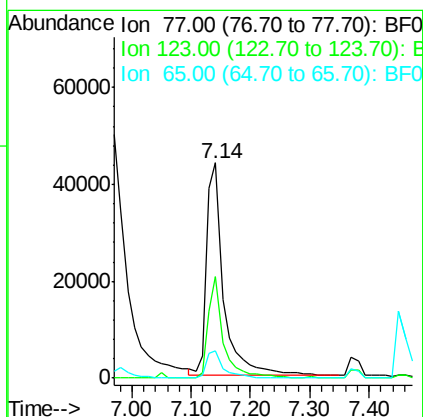
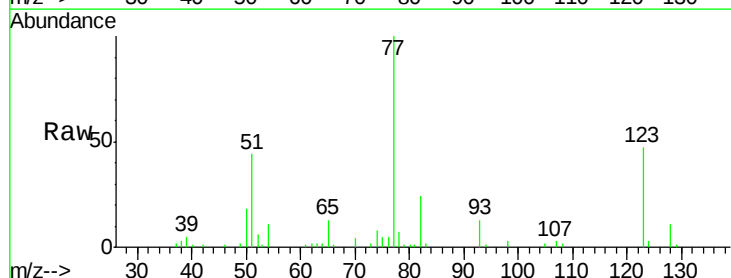
Instrument :
 BNA_F
 ClientSampleId :

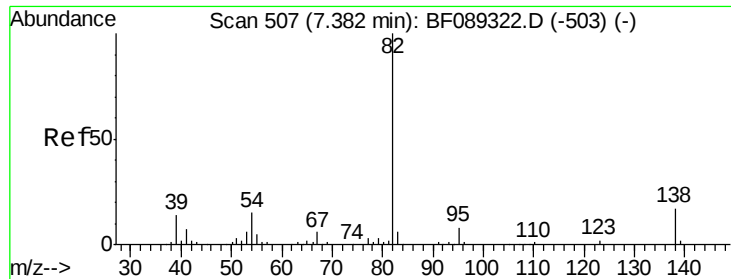
Tot Ion	82	Resp	164692
Ion Ratio	100	Lower	Upper
128	43.2	32.5	48.7
54	44.5	38.8	58.2



#24
 Nitrobenzene
 Concen: 23.81 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion	77	Resp	87760
Ion Ratio	100	Lower	Upper
123	47.1	37.2	55.8
65	12.7	10.2	15.4





#25

Isophorone

Concen: 24.06 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampled :

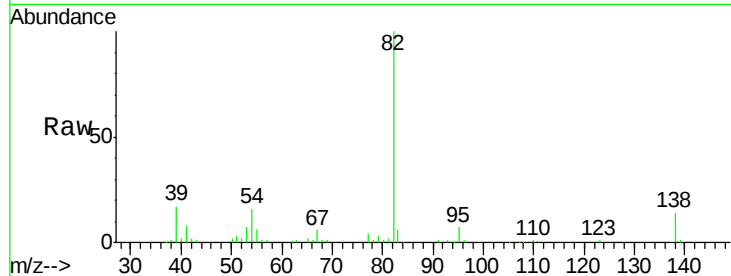
Tot Ion: 82 Resp: 155790

Ion Ratio Lower Upper

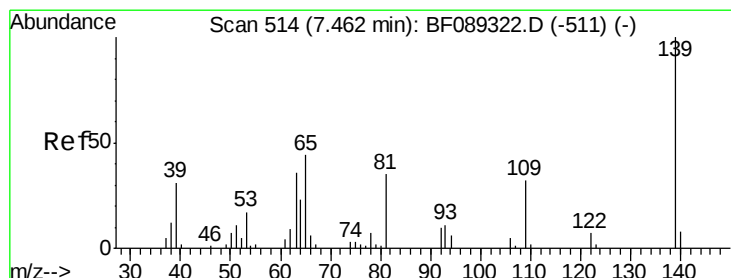
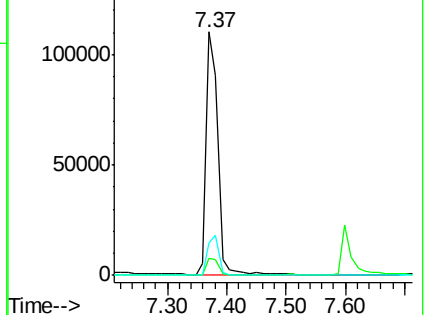
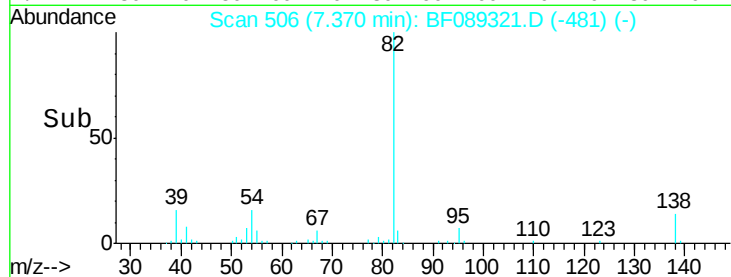
82 100

95 6.8 6.0 9.0

138 13.6 13.3 19.9



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



#26

2-Nitrophenol

Concen: 23.09 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

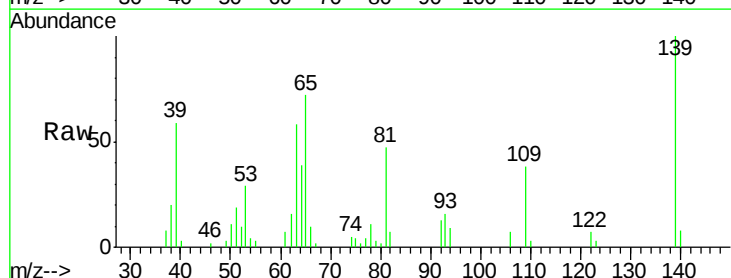
Tgt Ion: 139 Resp: 39790

Ion Ratio Lower Upper

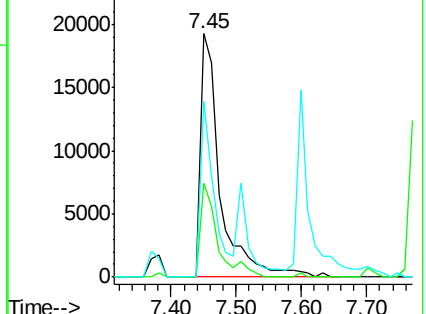
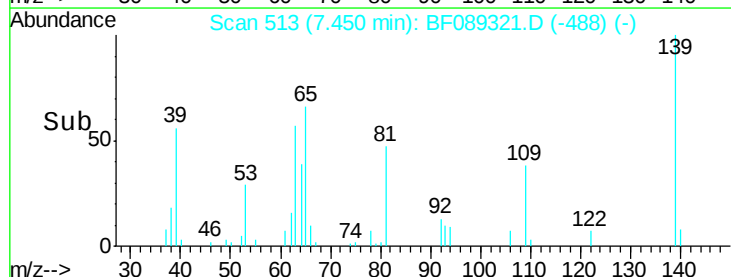
139 100

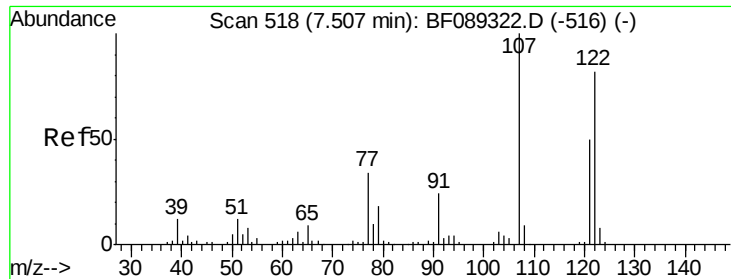
109 38.4 25.8 38.8

65 72.2 35.2 52.8#



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





#27

2,4-Dimethylphenol

Concen: 24.07 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampled :

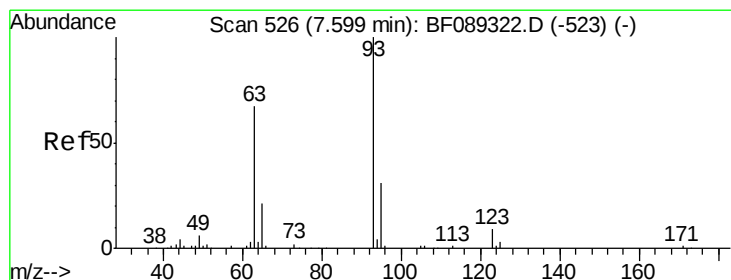
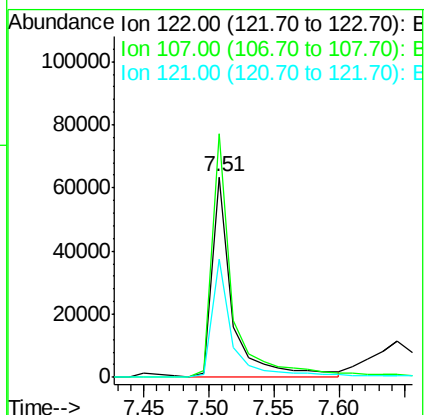
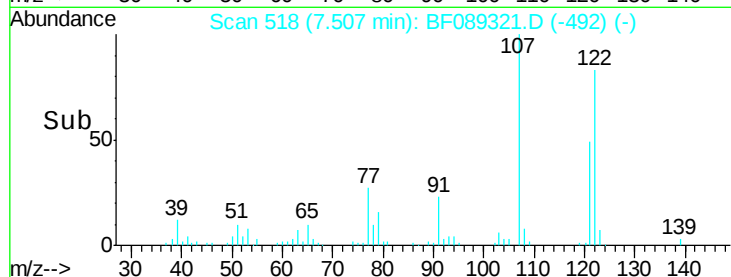
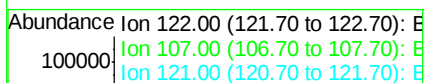
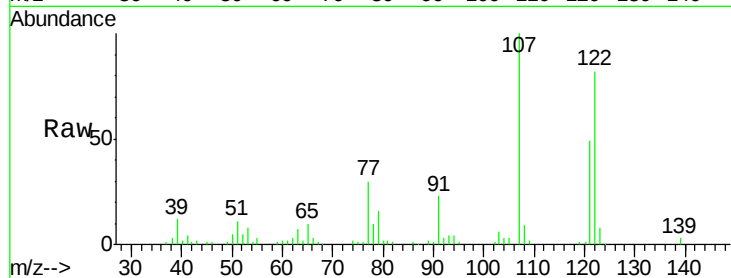
Tot Ion:122 Resp: 69905

Ion Ratio Lower Upper

122 100

107 121.4 97.2 145.8

121 59.2 48.8 73.2



#28

bis(2-Chloroethoxy)methane

Concen: 24.05 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

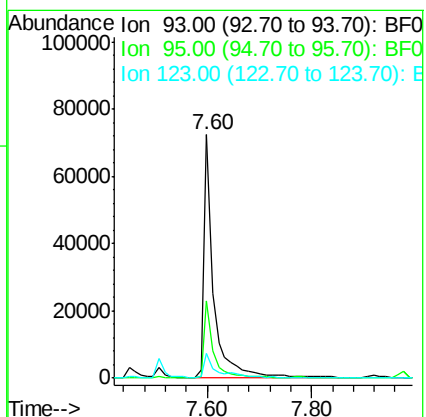
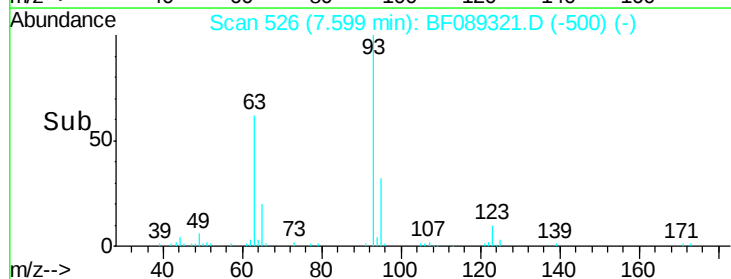
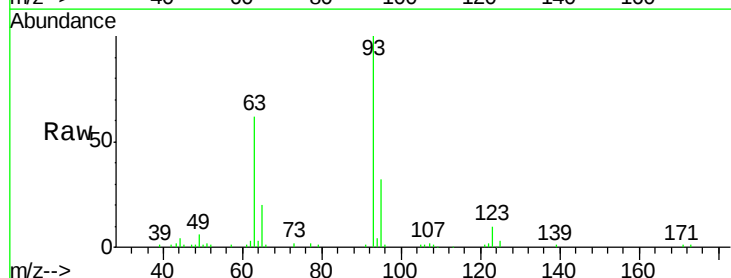
Tgt Ion: 93 Resp: 95581

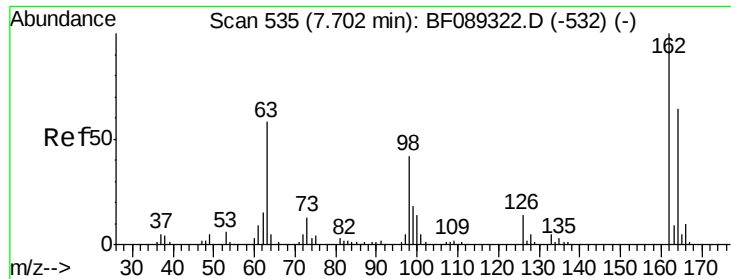
Ion Ratio Lower Upper

93 100

95 31.6 24.7 37.1

123 10.0 7.5 11.3

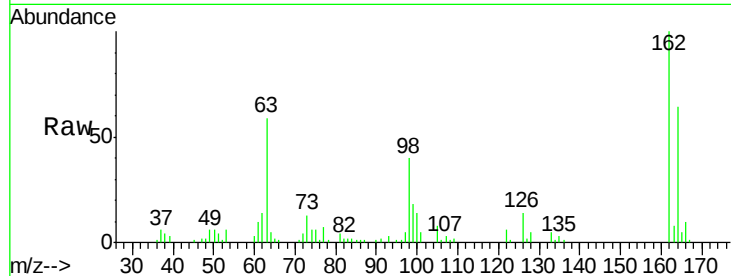




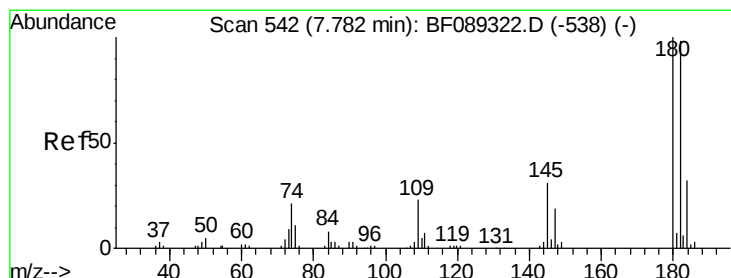
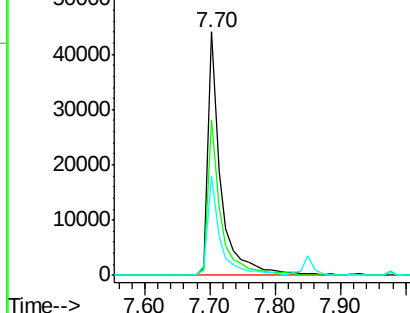
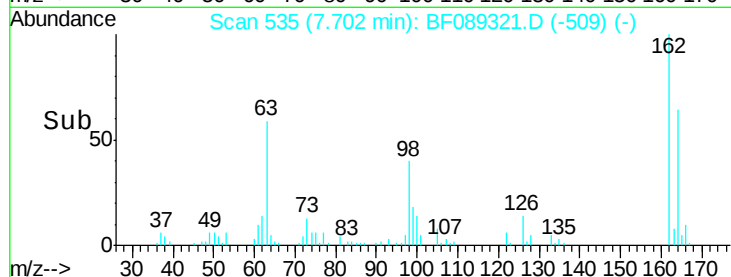
#29
 2,4-Dichlorophenol
 Concen: 23.38 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.0	84.0
98	40.5	21.8	61.8

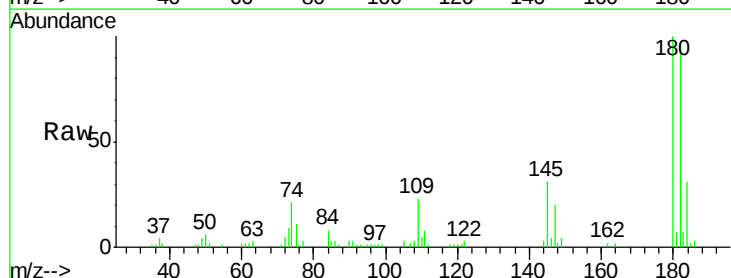


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

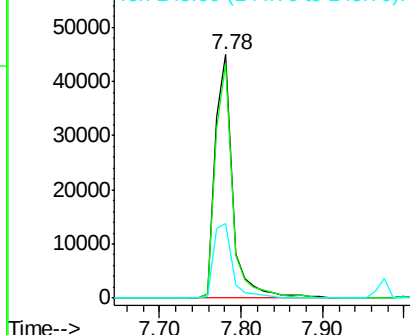
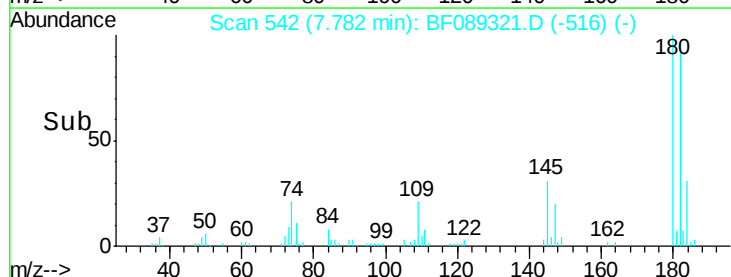


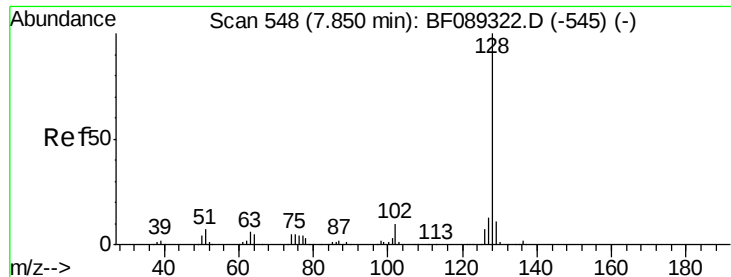
#30
 1,2,4-Trichlorobenzene
 Concen: 23.16 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	78.2	117.2
145	30.5	24.6	36.8



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

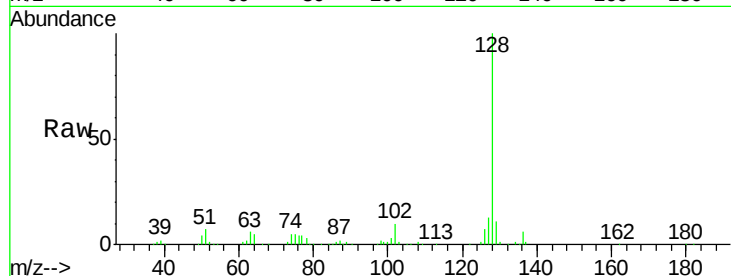




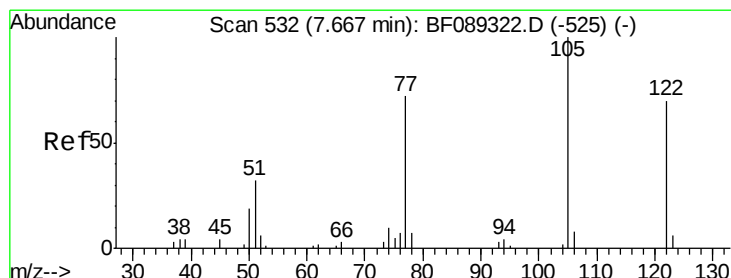
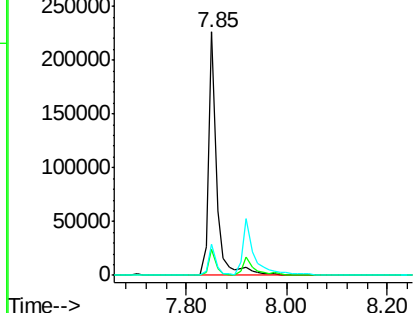
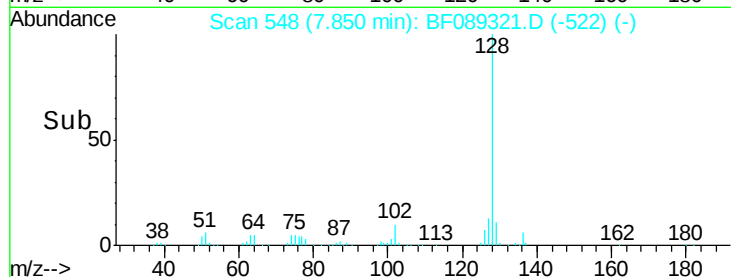
#31
Naphthalene
Concen: 25.41 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 255149
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.0 10.8 16.2

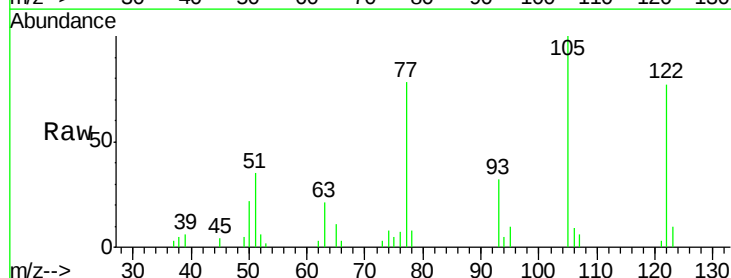


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

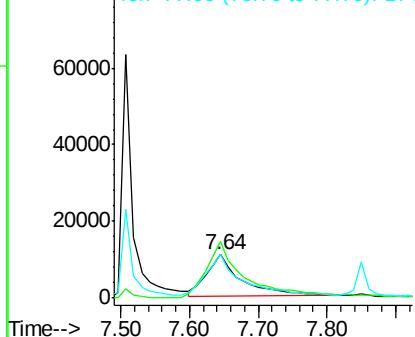
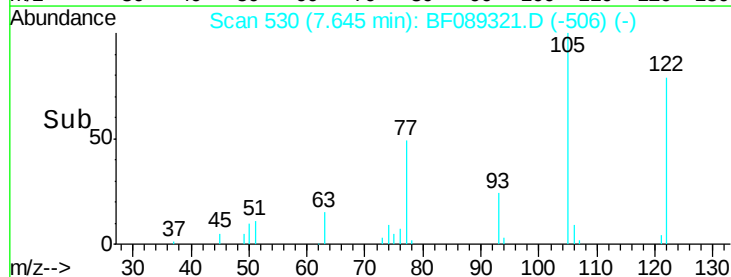


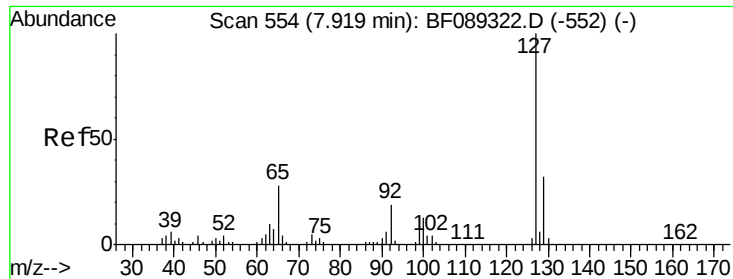
#32
Benzoic acid
Concen: 18.09 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion:122 Resp: 38975
Ion Ratio Lower Upper
122 100
105 129.4 106.4 146.4
77 100.5 76.4 116.4



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

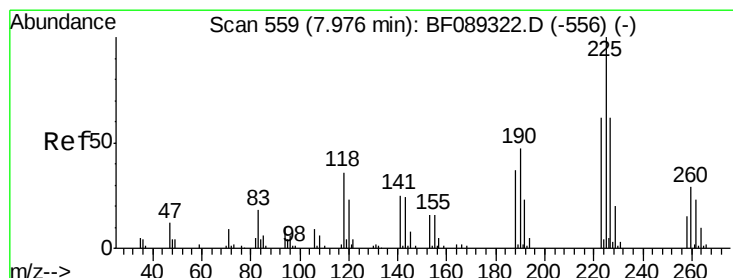
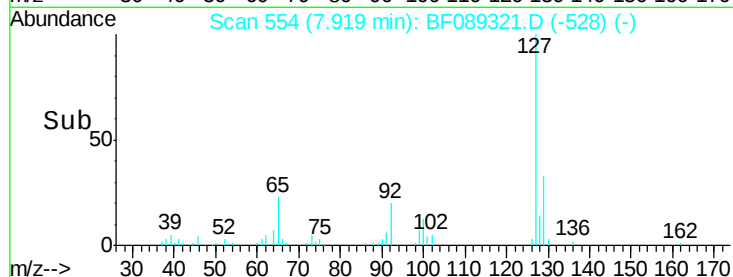
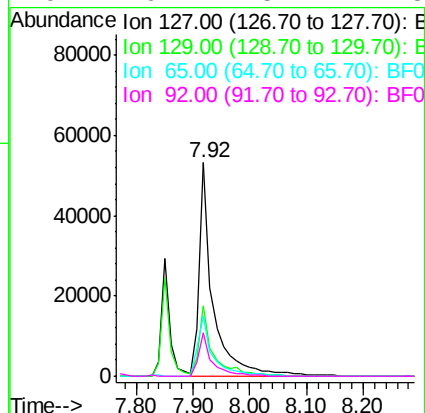
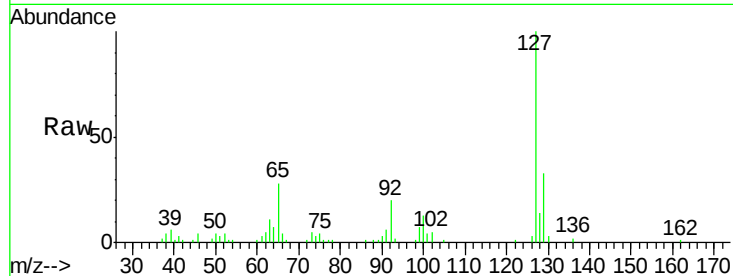




#33
4-Chloroaniline
Concen: 21.58 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

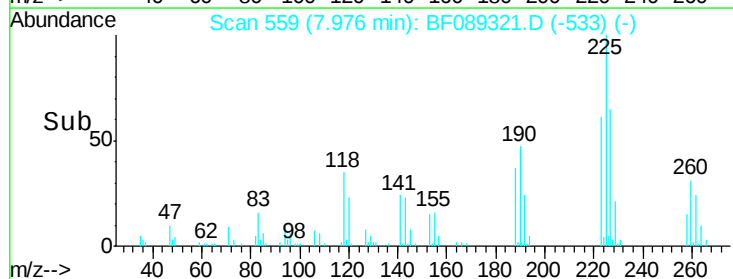
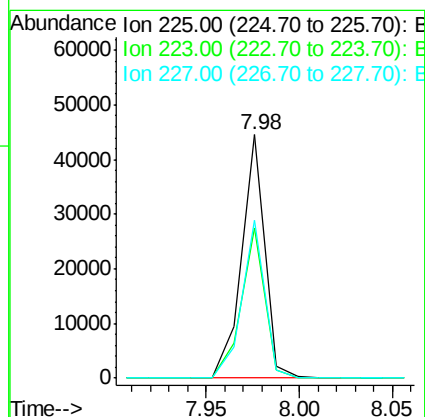
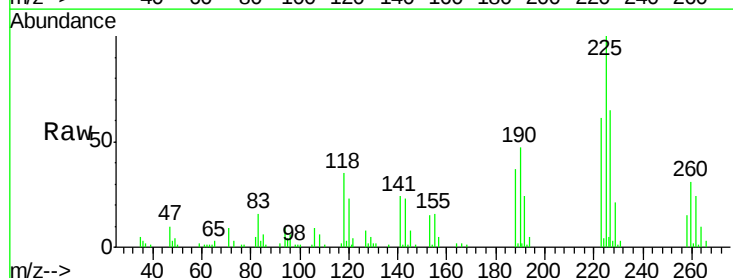
Instrument :
BNA_F
ClientSampleId :

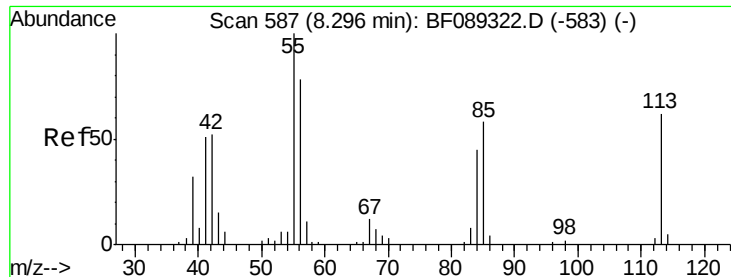
Tot Ion:	127	Resp:	89437
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	28.2	22.0	33.0
92	20.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 23.99 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion:	225	Resp:	38750
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.8	74.8
227	65.0	49.4	74.2





#35

Caprolactam

Concen: 22.11 ng

RT: 8.27 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

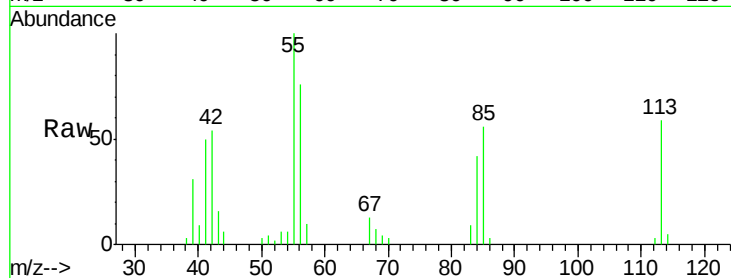
Tot Ion:113 Resp: 17803

Ion Ratio Lower Upper

113 100

55 169.1 142.3 182.3

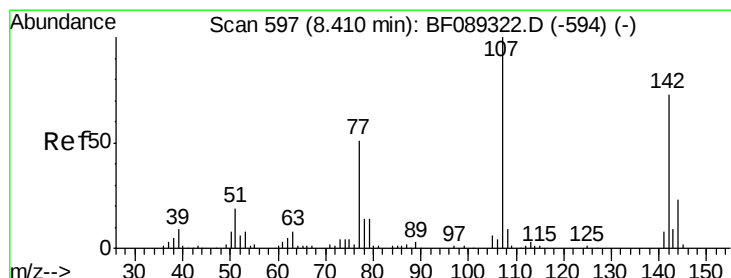
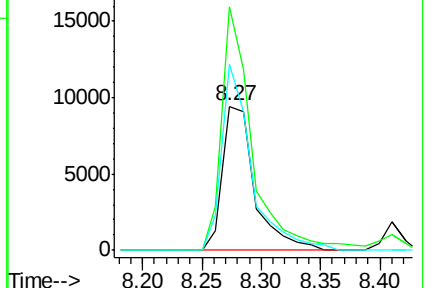
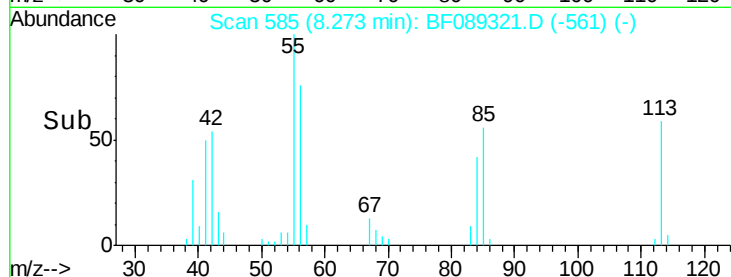
56 129.0 105.8 145.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 21.77 ng

RT: 8.41 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

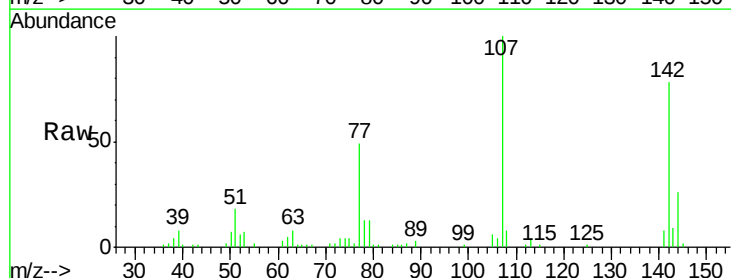
Tgt Ion:107 Resp: 68815

Ion Ratio Lower Upper

107 100

144 25.6 18.4 27.6

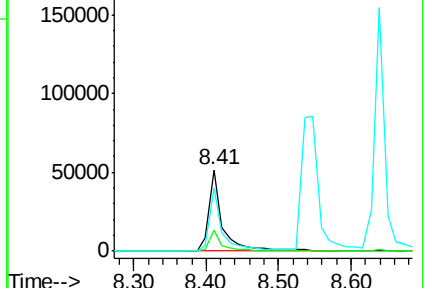
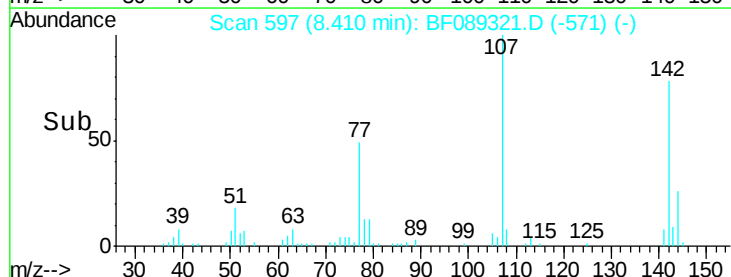
142 77.9 58.6 87.8

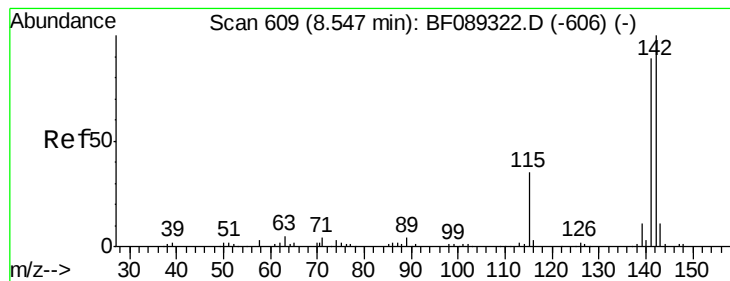


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

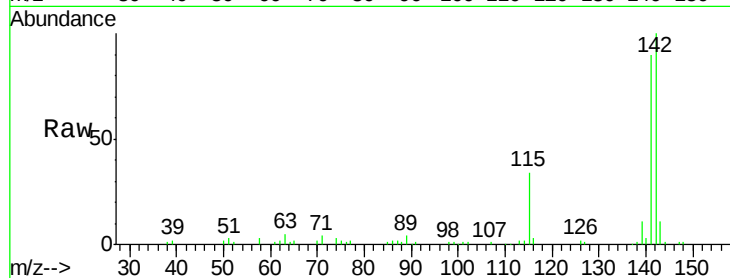




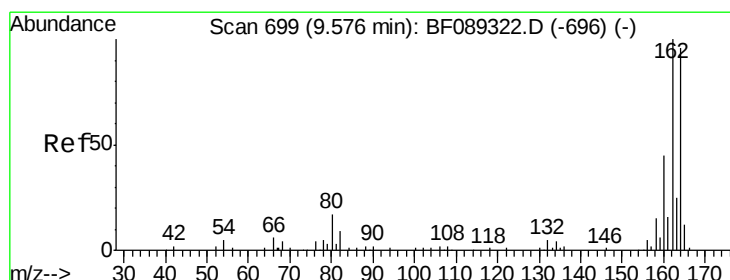
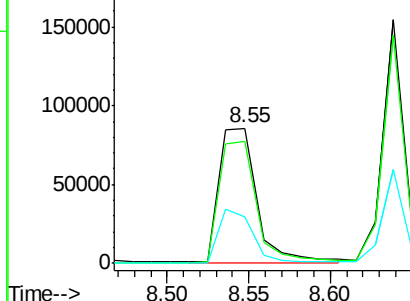
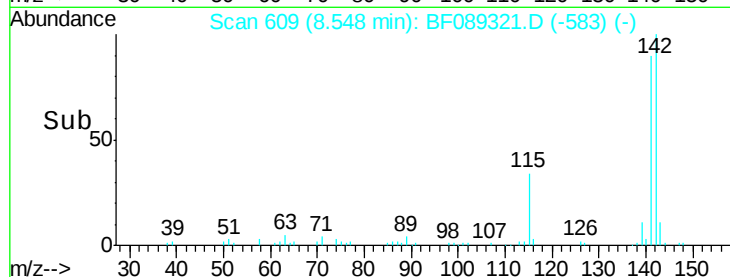
#37
 2-Methylnaphthalene
 Concen: 21.92 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.9	106.3
115	33.9	27.6	41.4

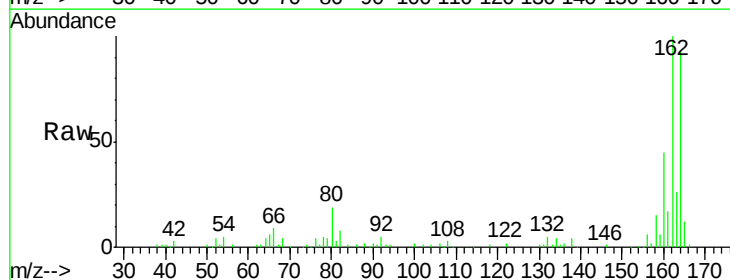


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

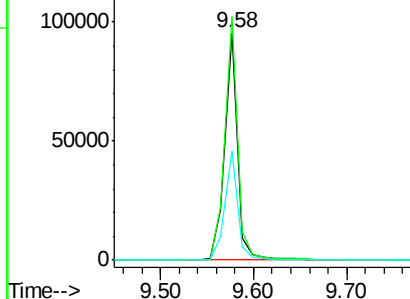
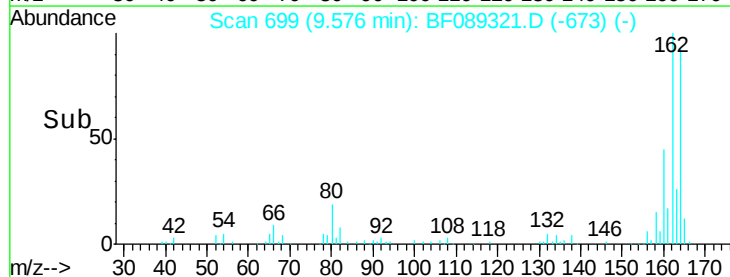


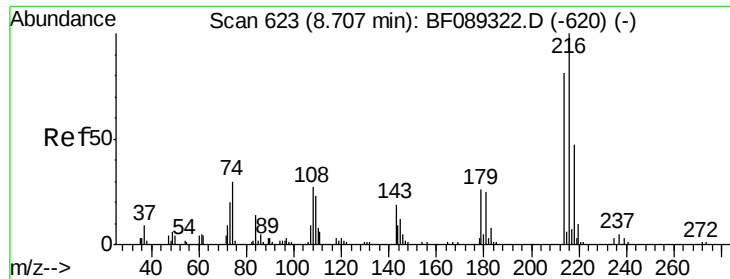
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	83.7	125.5
160	48.1	37.8	56.6



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.64 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 78918

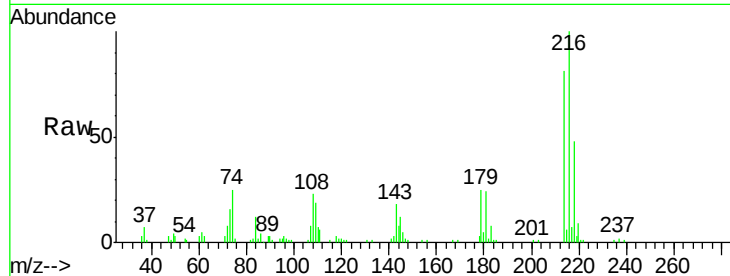
Ion Ratio Lower Upper

216 100

214 78.9 63.3 94.9

179 22.9 18.1 27.1

108 20.4 17.2 25.8

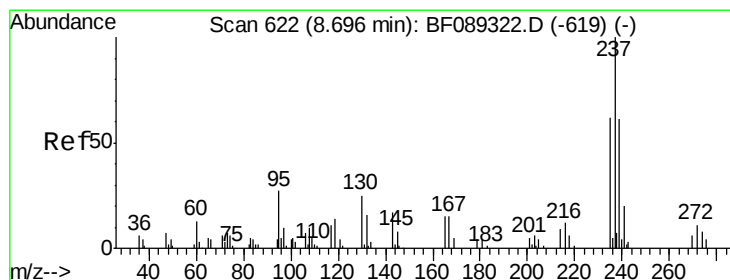
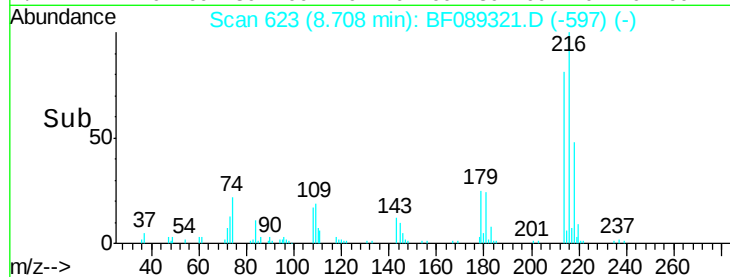
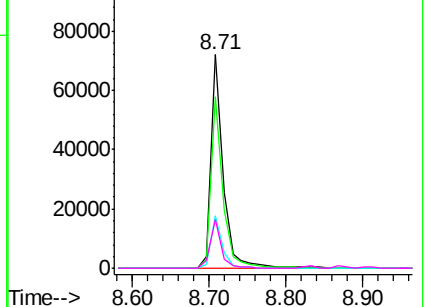


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 17.25 ng

RT: 8.70 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

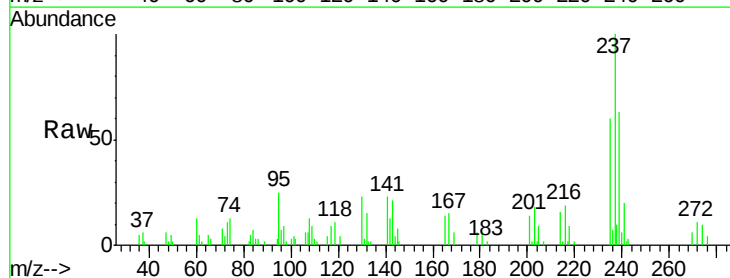
Tgt Ion:237 Resp: 15049

Ion Ratio Lower Upper

237 100

235 59.6 41.6 81.6

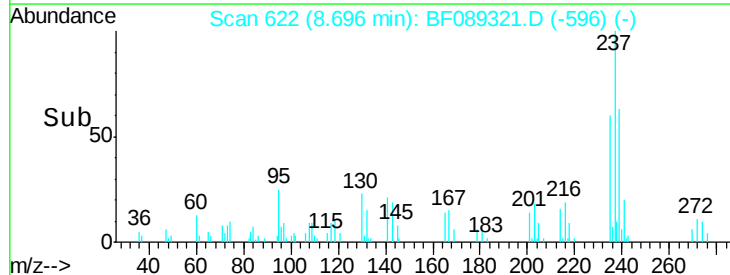
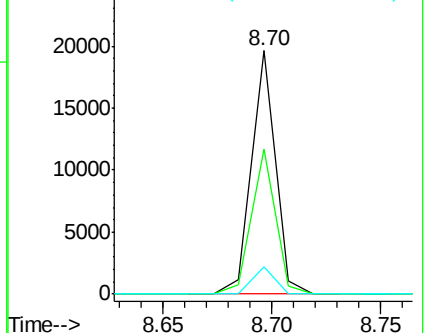
272 11.1 0.0 30.8

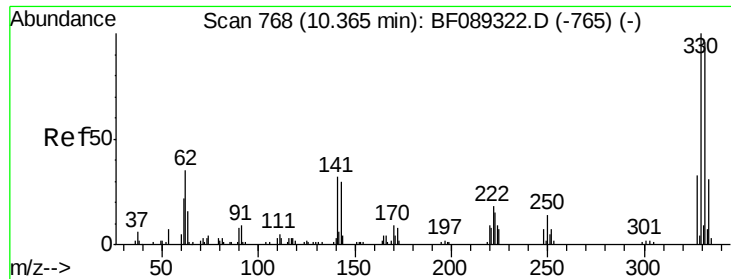


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

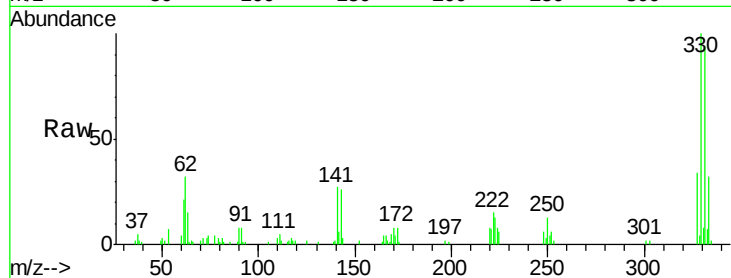




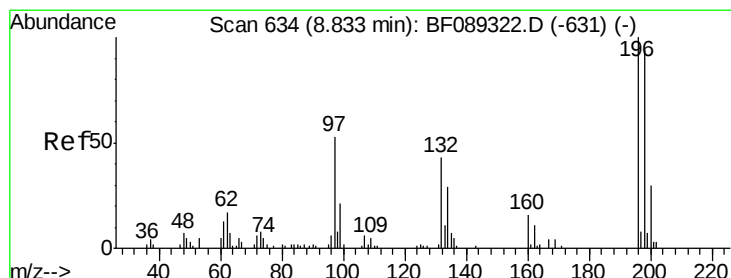
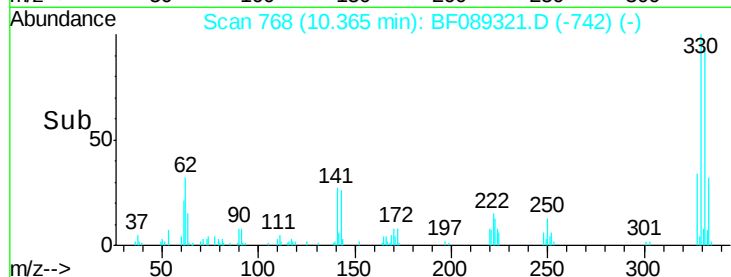
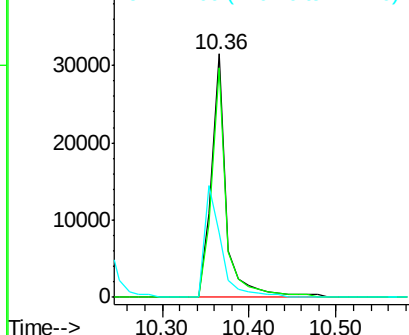
#41
 2,4,6-Tribromophenol
 Concen: 47.21 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 38552
 Ion Ratio Lower Upper
 330 100
 332 92.6 76.8 115.2
 141 49.7 37.3 55.9

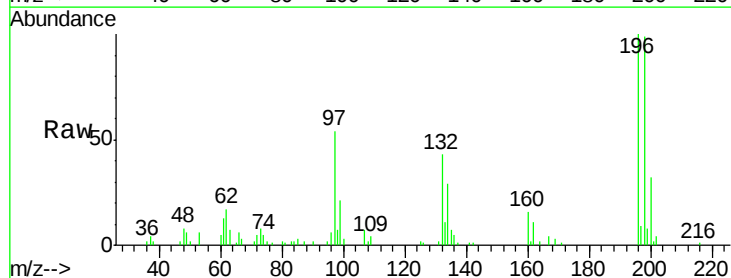


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

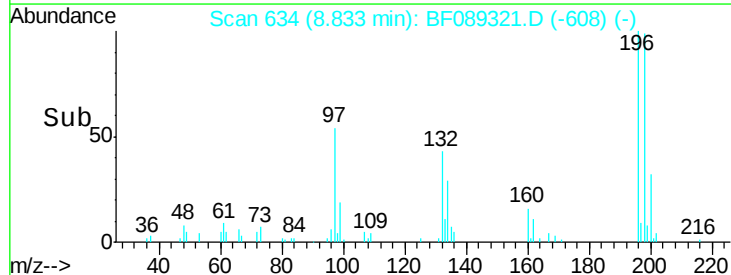
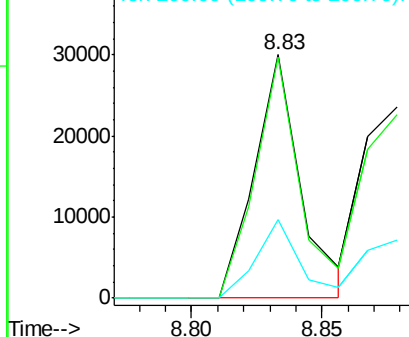


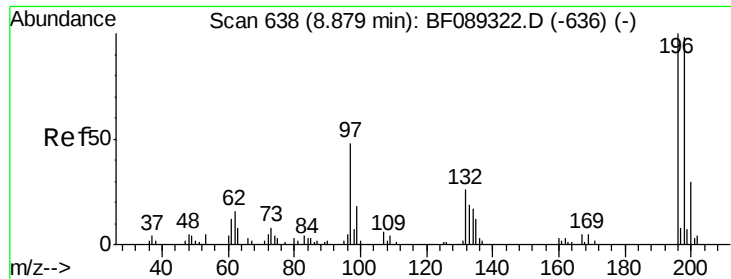
#42
 2,4,6-Trichlorophenol
 Concen: 20.18 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion:196 Resp: 36850
 Ion Ratio Lower Upper
 196 100
 198 98.8 75.5 113.3
 200 32.4 23.9 35.9



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

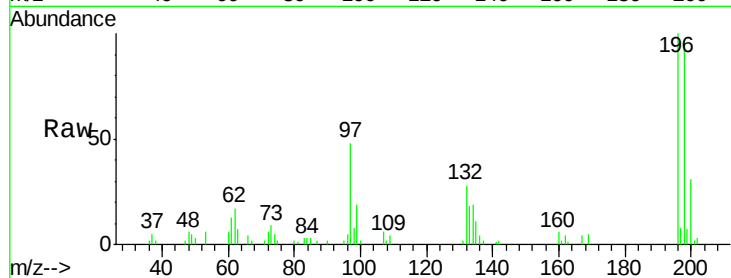




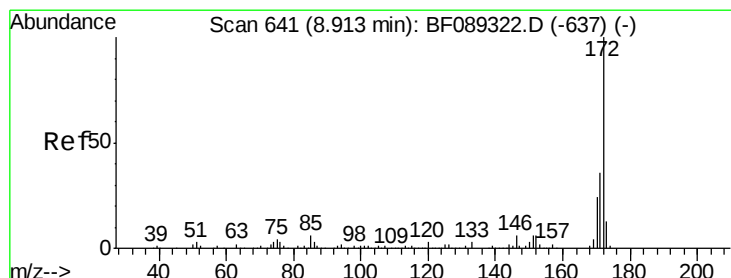
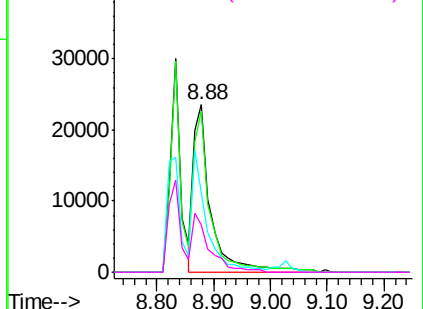
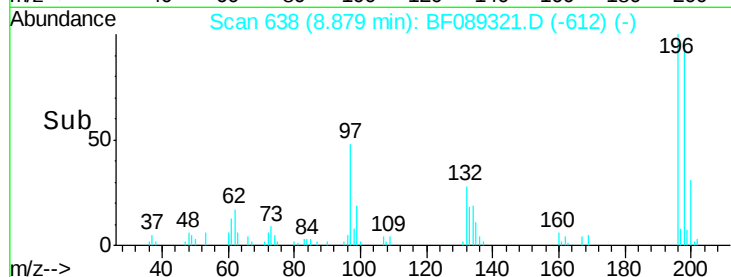
#43
 2,4,5-Trichlorophenol
 Concen: 27.01 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 50483
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.7 118.1
 97 47.7 39.7 59.5
 132 28.4 22.8 34.2

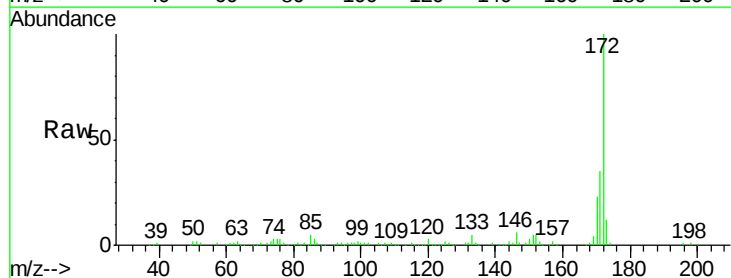


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

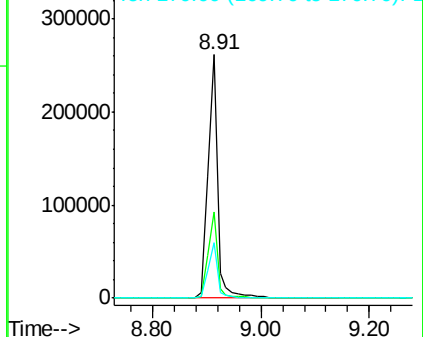
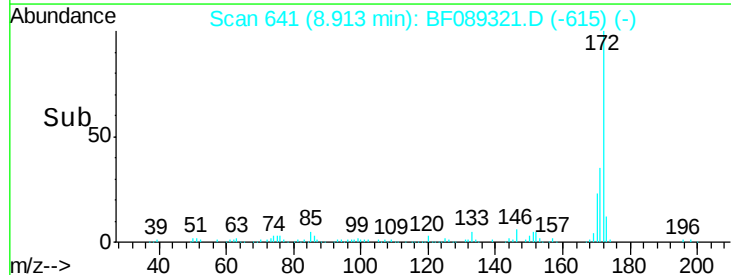


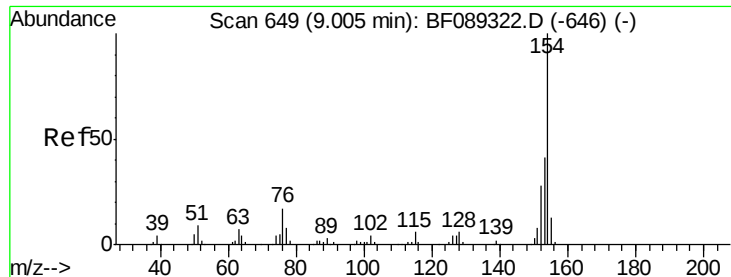
#44
 2-Fluorobiphenyl
 Concen: 49.04 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion:172 Resp: 318437
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.2 43.8
 170 23.0 19.2 28.8



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

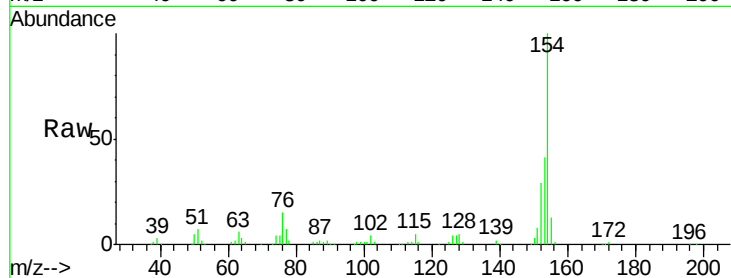




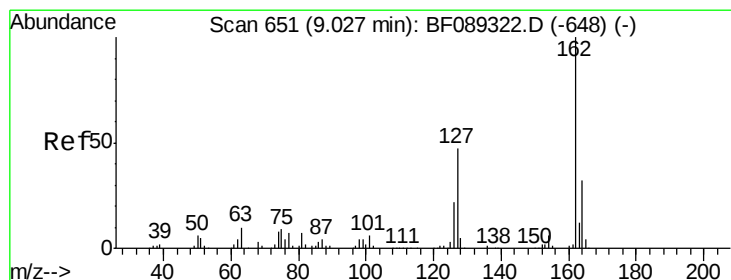
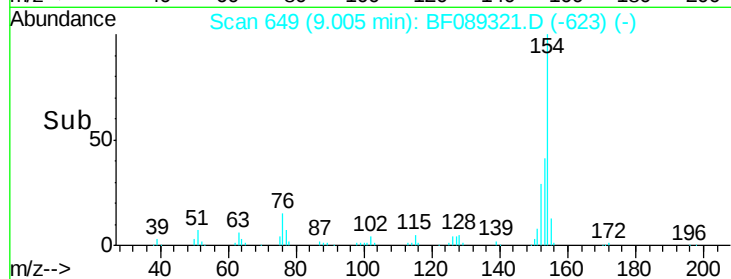
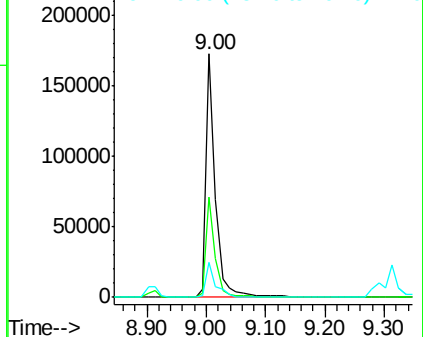
#45
1,1'-Biphenyl
Concen: 24.01 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 194532
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 14.6 0.0 36.6

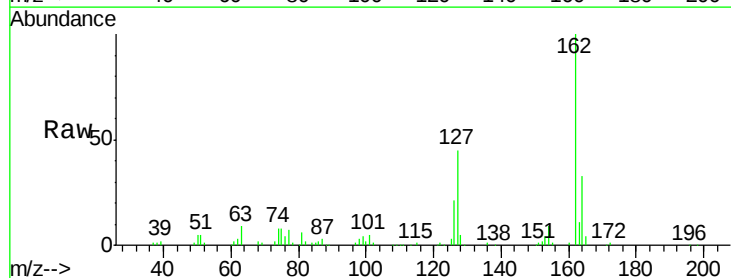


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

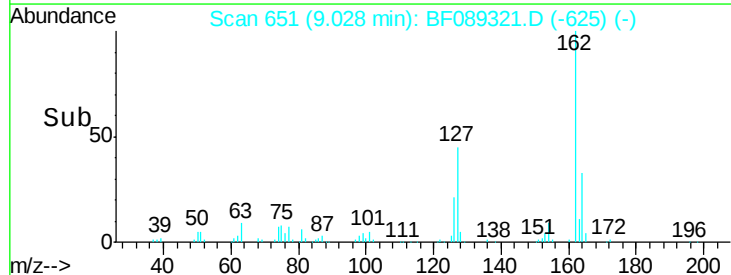
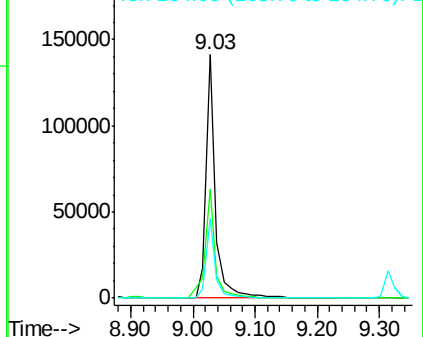


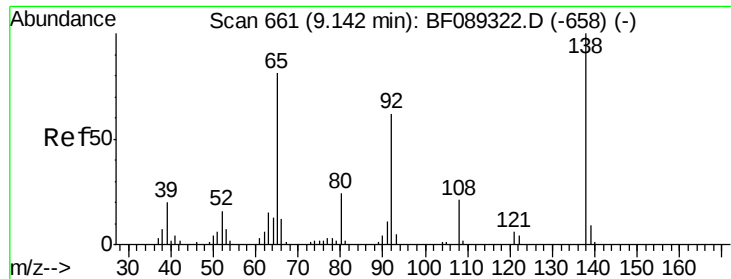
#46
2-Chloronaphthalene
Concen: 24.42 ng
RT: 9.03 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion:162 Resp: 150315
Ion Ratio Lower Upper
162 100
127 44.7 37.8 56.8
164 32.7 25.8 38.8



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

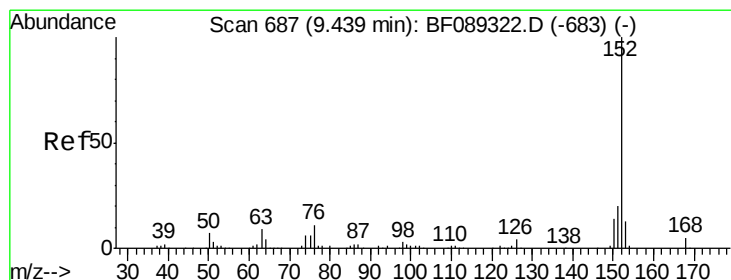
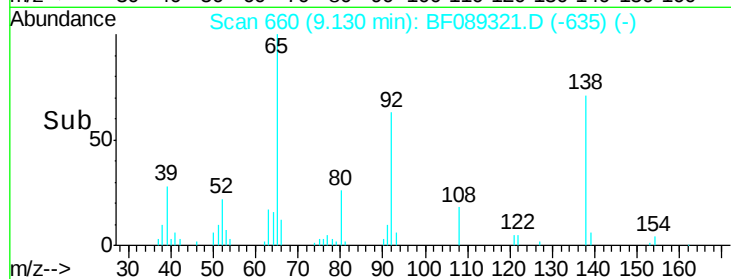
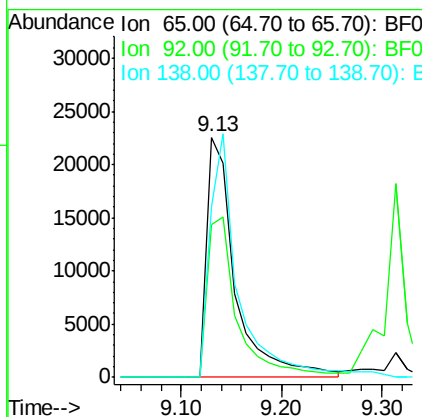
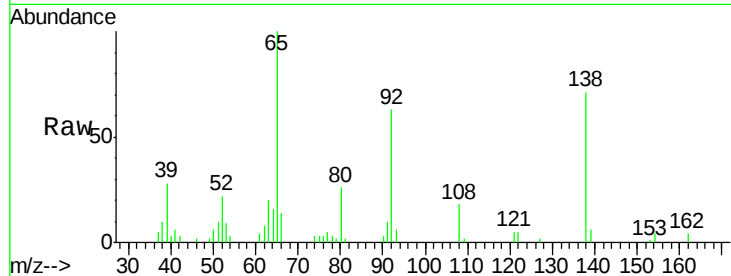




#47
 2-Nitroaniline
 Concen: 21.43 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

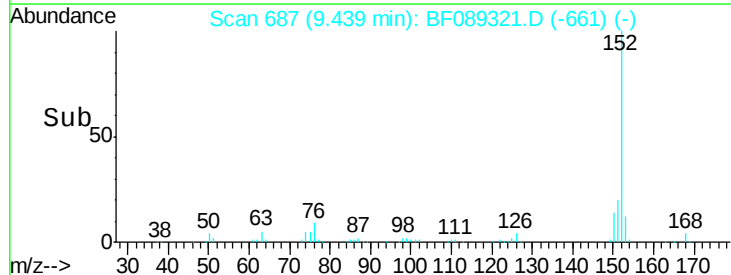
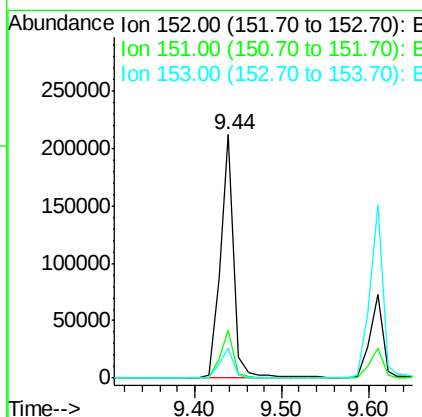
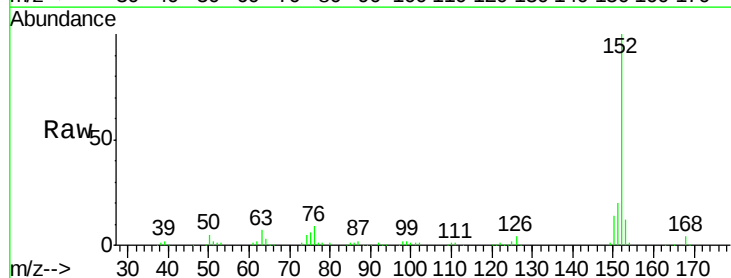
Instrument :
 BNA_F
 ClientSampleId :

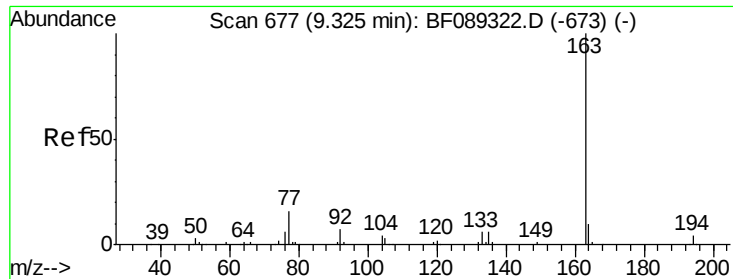
Tot Ion: 65 Resp: 44533
 Ion Ratio Lower Upper
 65 100
 92 63.4 61.0 91.4
 138 70.8 99.1 148.7#



#48
 Acenaphthylene
 Concen: 23.75 ng
 RT: 9.44 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion: 152 Resp: 231434
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.2 24.2
 153 12.3 10.2 15.4

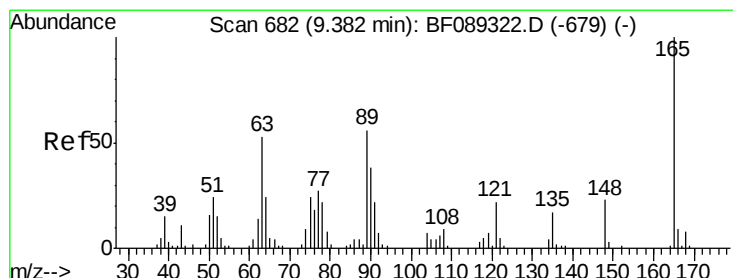
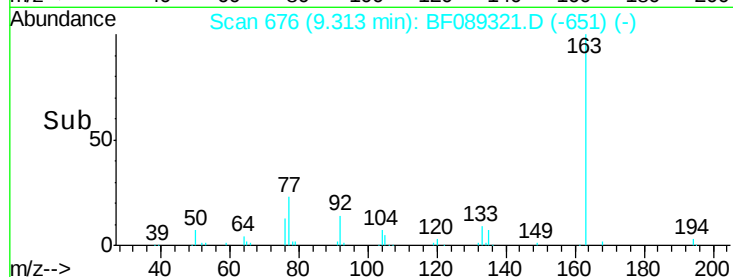
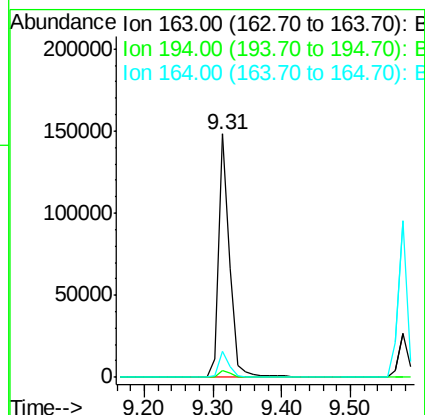
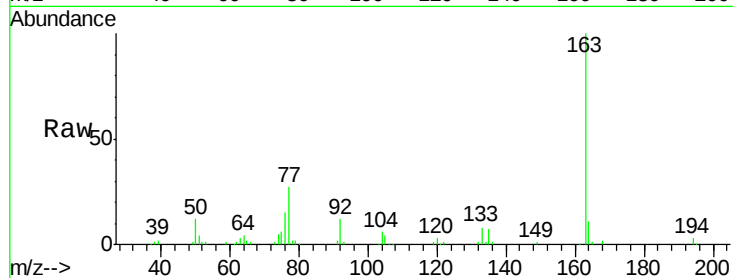




#49
Dimethylphthalate
Concen: 24.30 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

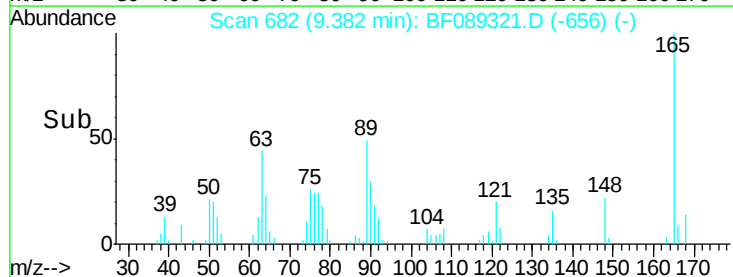
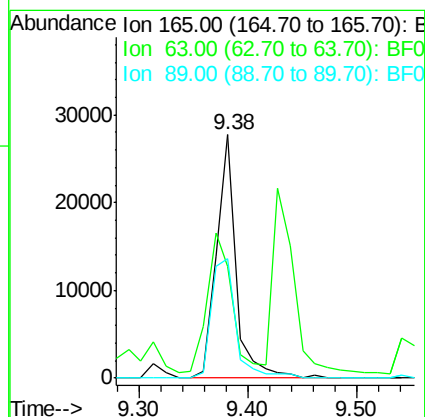
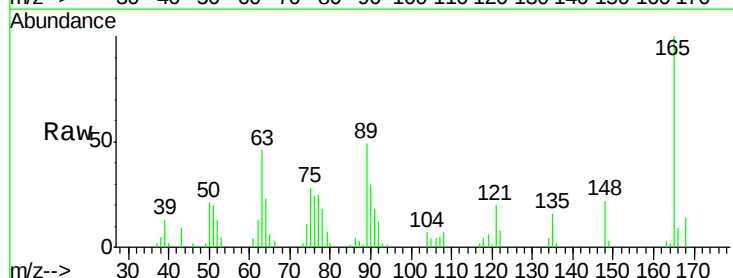
Instrument :
BNA_F
ClientSampleId :

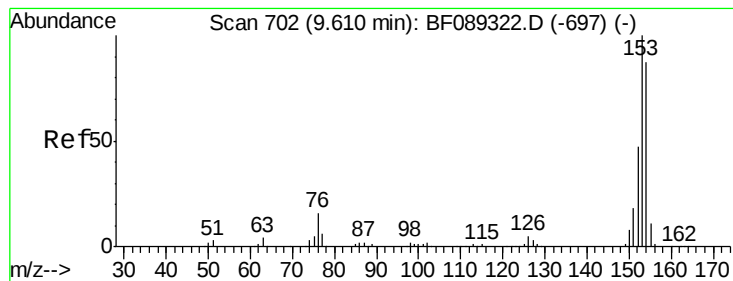
Tot Ion:163 Resp: 167423
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.8 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 22.70 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion:165 Resp: 35115
Ion Ratio Lower Upper
165 100
63 45.9 43.5 65.3
89 49.0 45.0 67.4





#51

Acenaphthene

Concen: 23.57 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

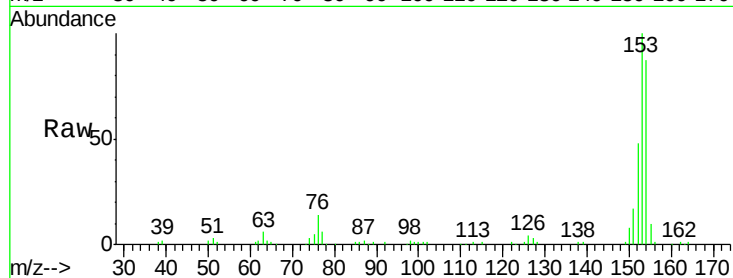
Tot Ion:154 Resp: 135069

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

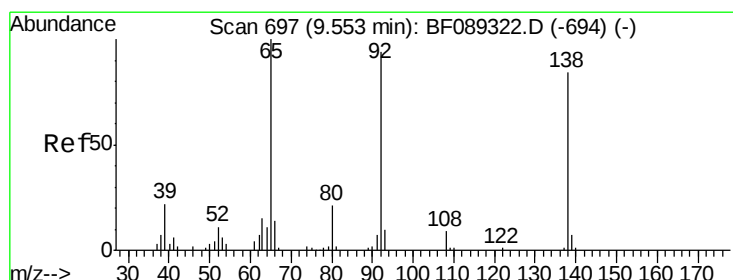
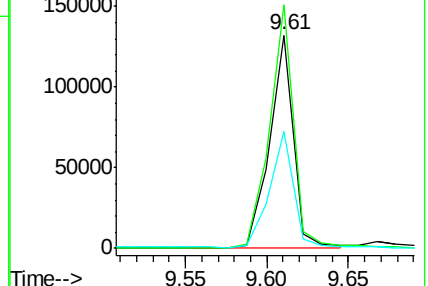
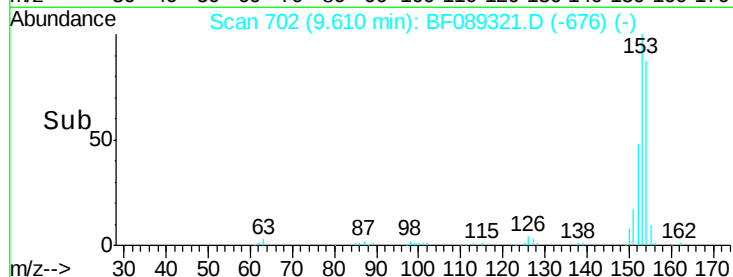
152 54.9 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.09 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

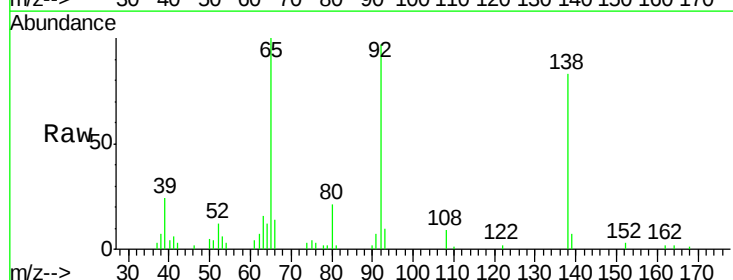
Tgt Ion:138 Resp: 39706

Ion Ratio Lower Upper

138 100

108 10.8 8.6 13.0

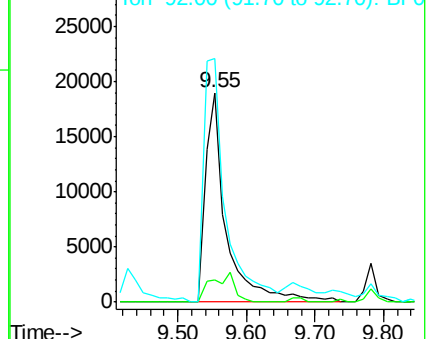
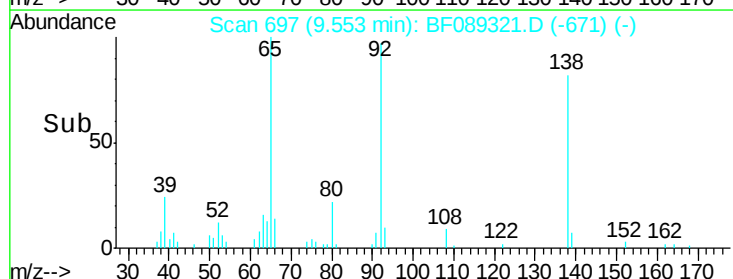
92 116.4 90.0 135.0

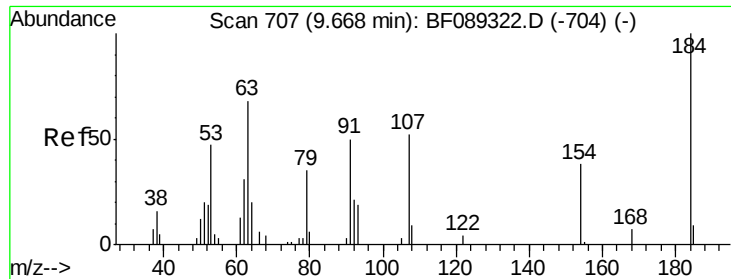


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

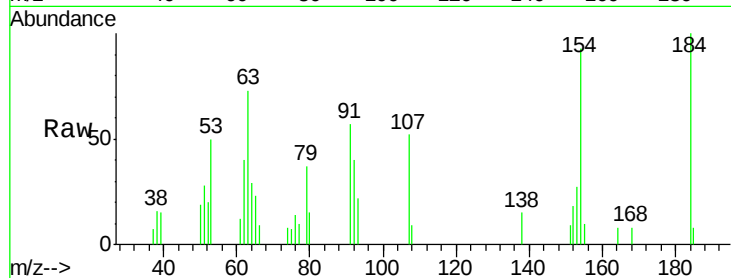




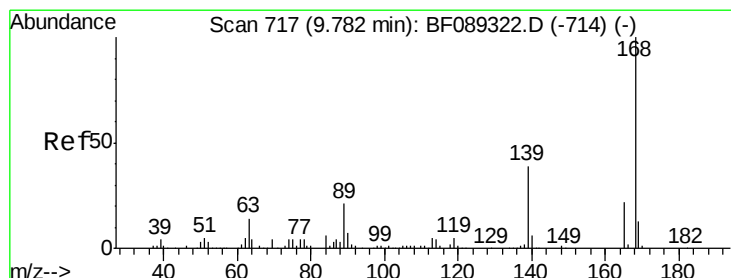
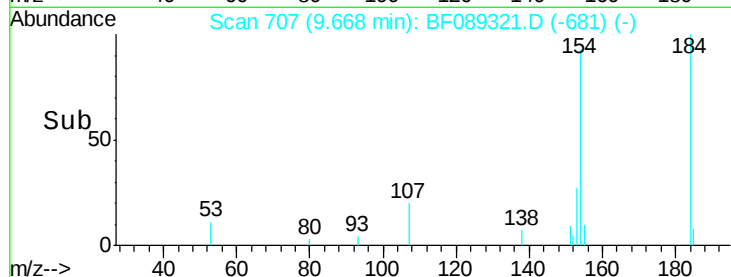
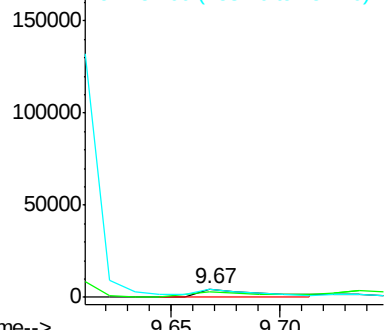
#53
2,4-Dinitrophenol
Concen: 14.05 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 8340
Ion Ratio Lower Upper
184 100
63 73.4 60.6 90.8
154 92.8 69.8 104.8

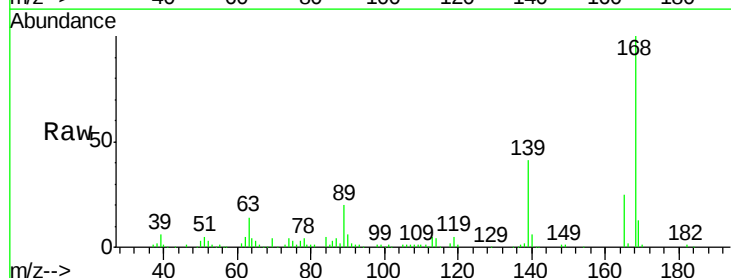


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

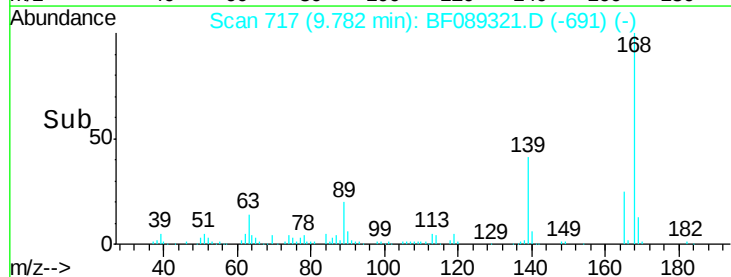
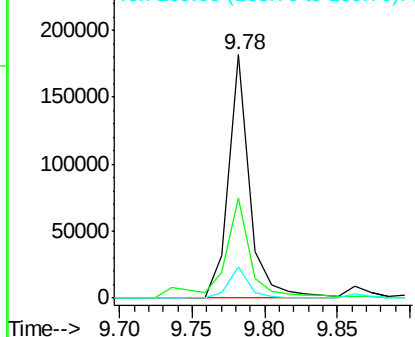


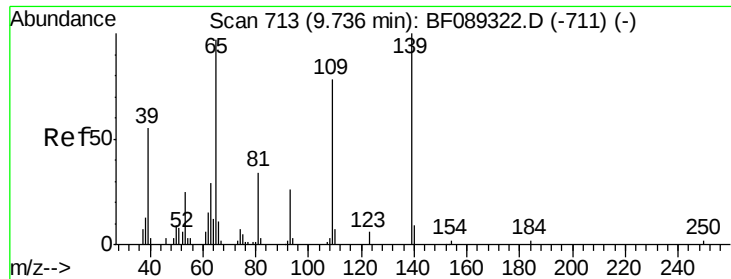
#54
Dibenzofuran
Concen: 23.97 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion:168 Resp: 185052
Ion Ratio Lower Upper
168 100
139 41.0 33.7 50.5
169 13.0 10.7 16.1



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

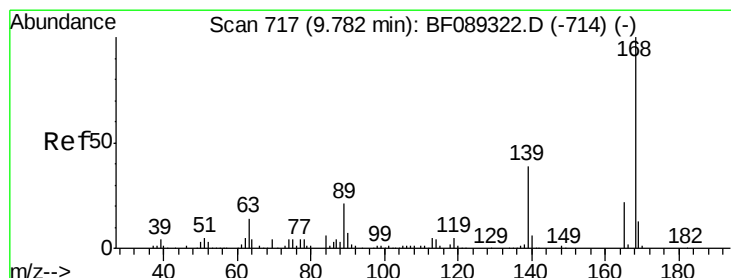
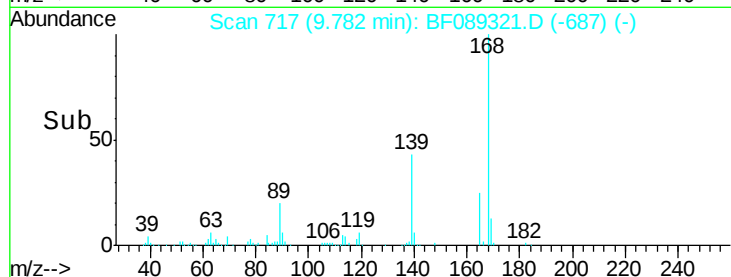
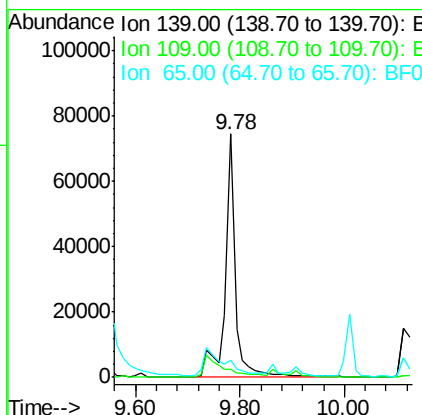
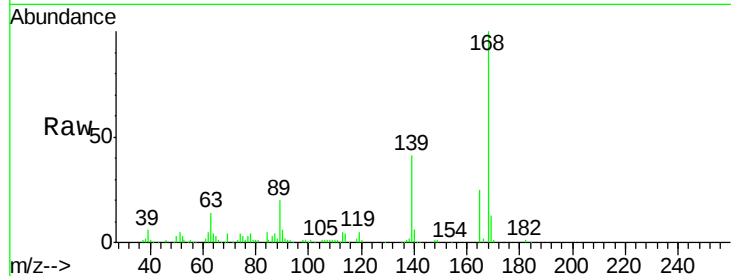




#55
4-Nitrophenol
Concen: 98.24 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.05 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

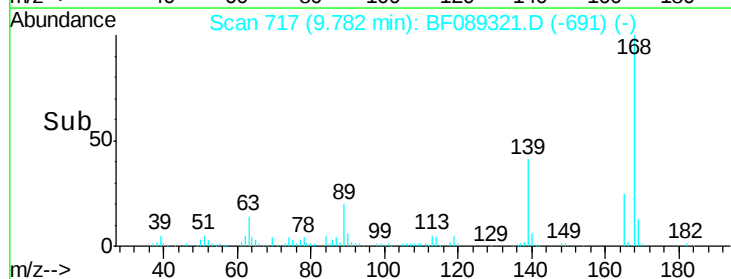
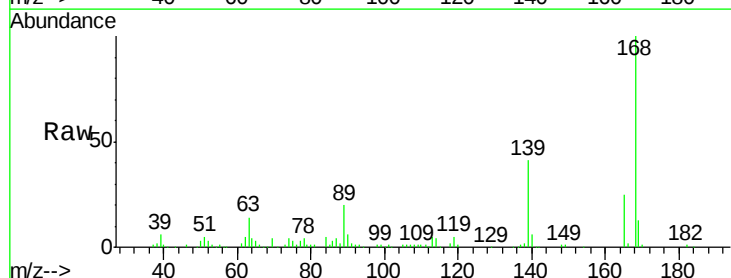
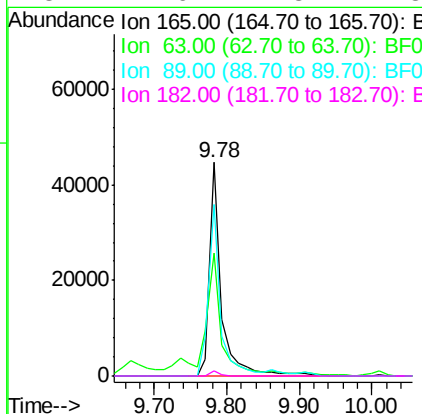
Instrument :
BNA_F
ClientSampled :

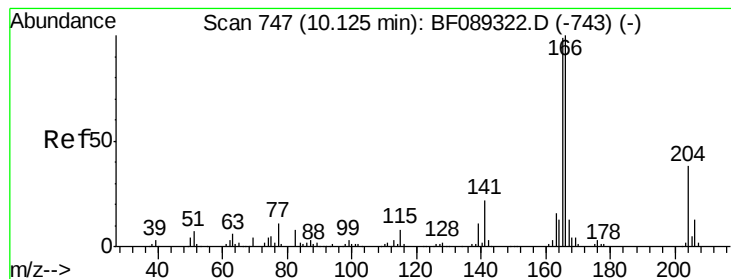
Tot Ion:139 Resp: 102107
Ion Ratio Lower Upper
139 100
109 3.2 57.8 97.8#
65 6.9 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 25.42 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion:165 Resp: 51010
Ion Ratio Lower Upper
165 100
63 57.5 58.2 87.2#
89 80.1 79.1 118.7
182 2.6 1.8 2.8





#57

Fluorene

Concen: 24.12 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampled :

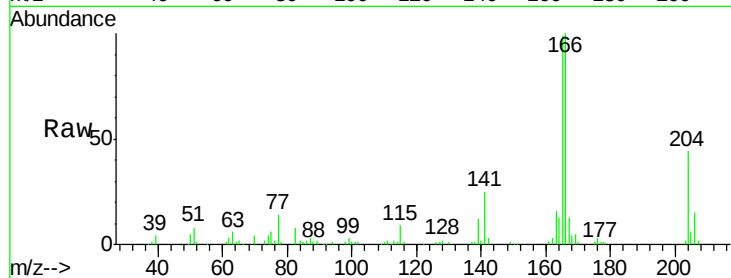
Tot Ion:166 Resp: 156109

Ion Ratio Lower Upper

166 100

165 99.4 79.0 118.4

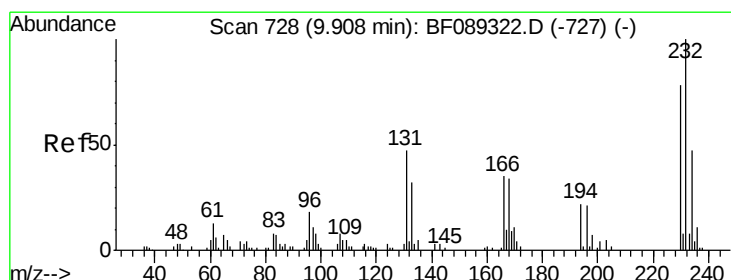
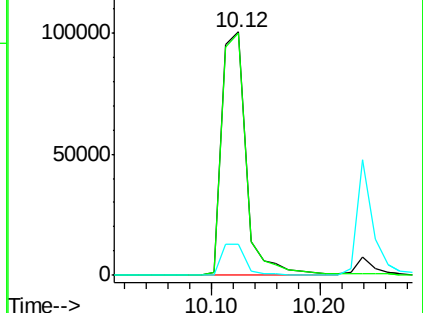
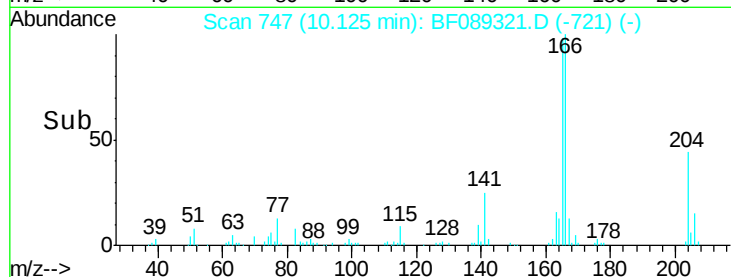
167 12.9 10.2 15.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.73 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.05 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Tgt Ion:232 Resp: 26565

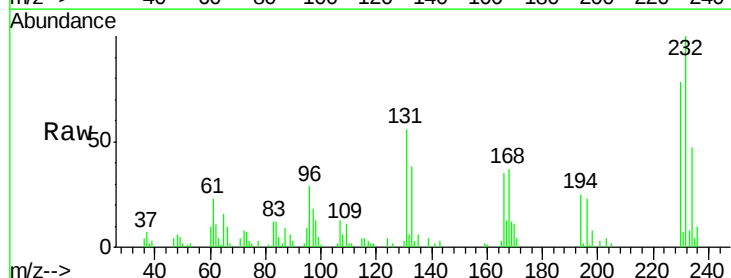
Ion Ratio Lower Upper

232 100

131 52.4 42.7 64.1

130 2.1 1.7 2.5

166 31.8 25.7 38.5

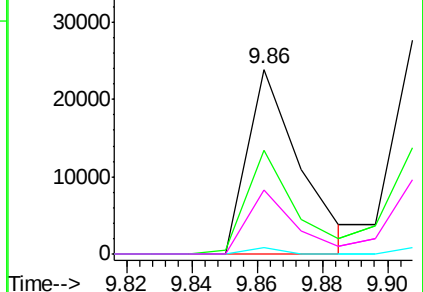
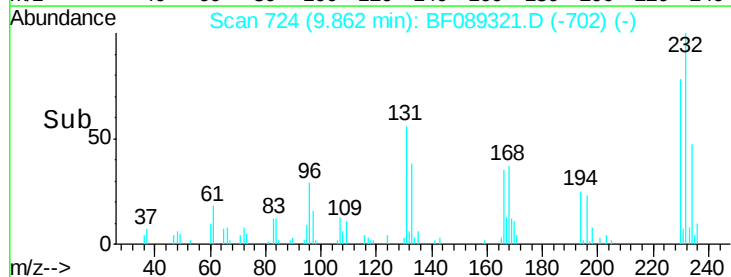


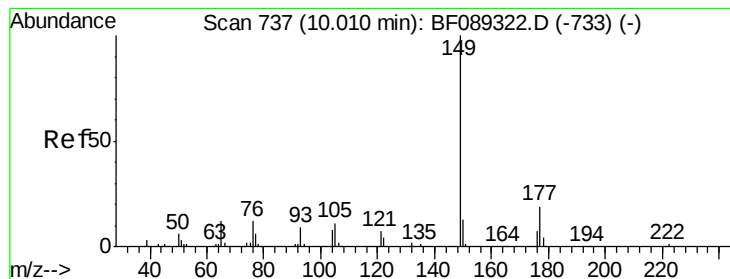
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 26.51 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampled :

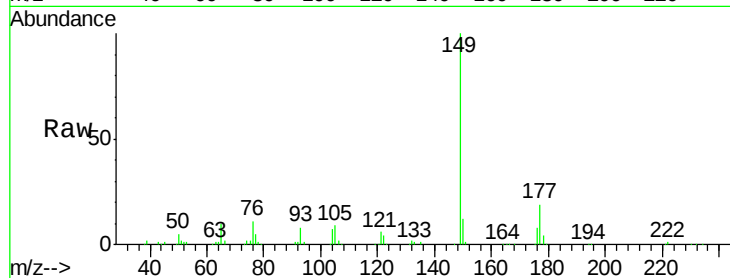
Tot Ion:149 Resp: 182041

Ion Ratio Lower Upper

149 100

177 19.2 15.1 22.7

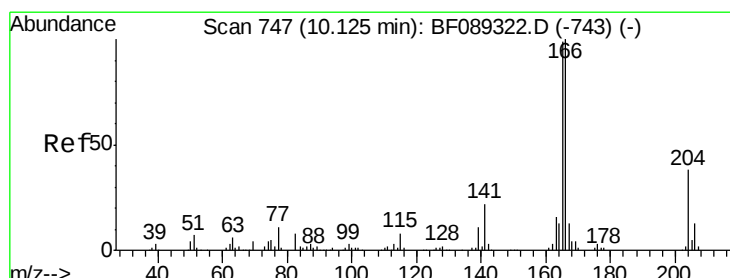
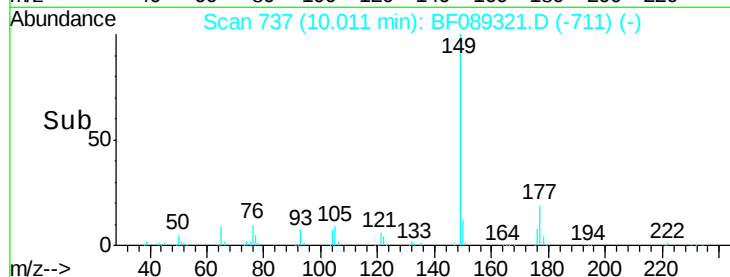
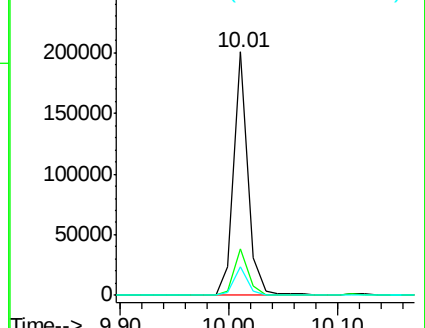
150 11.9 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 23.91 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

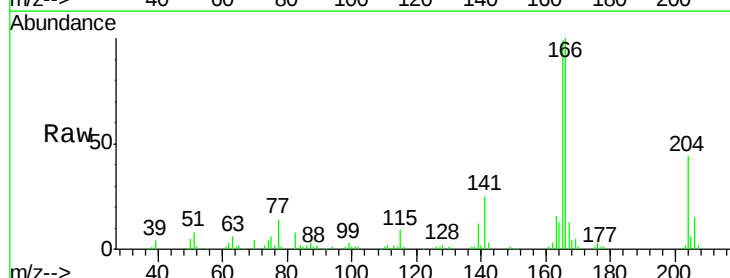
Tgt Ion:204 Resp: 71542

Ion Ratio Lower Upper

204 100

206 33.4 26.6 39.8

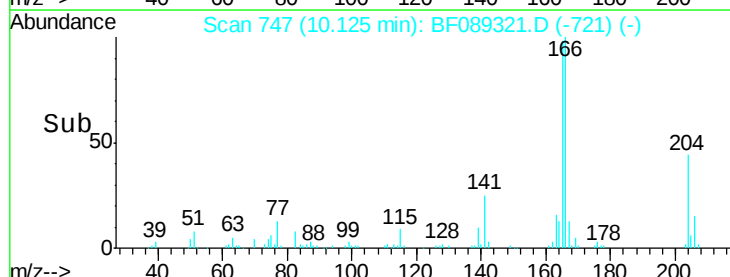
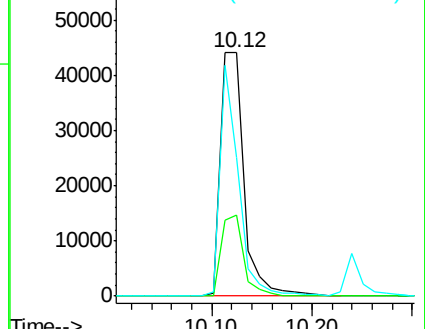
141 56.9 46.6 70.0

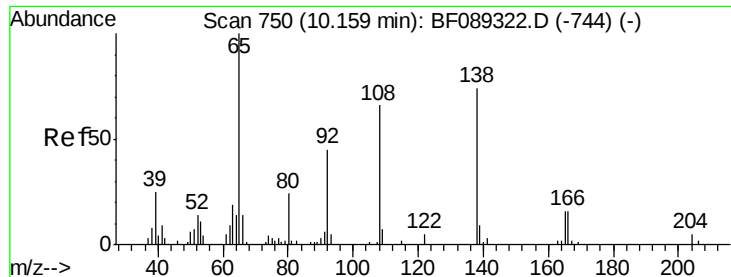


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

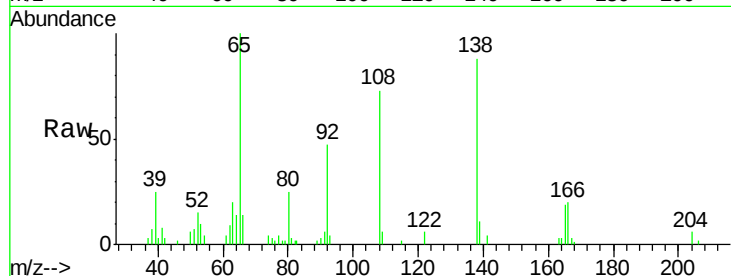




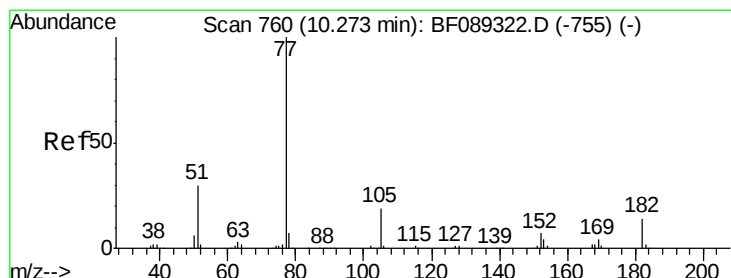
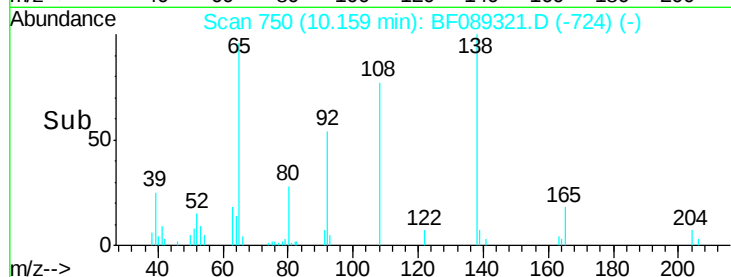
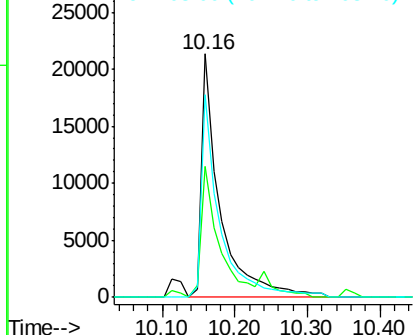
#61
4-Nitroaniline
Concen: 21.15 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 37740
Ion Ratio Lower Upper
138 100
92 53.9 41.2 81.2
108 83.5 69.6 109.6

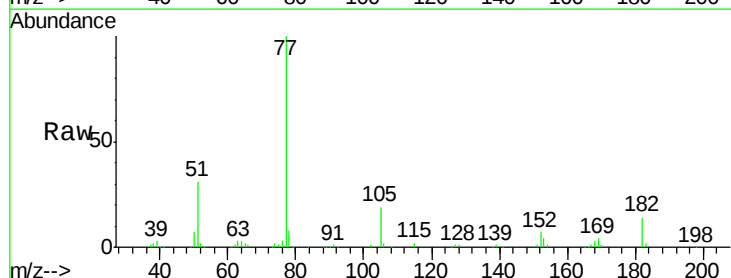


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

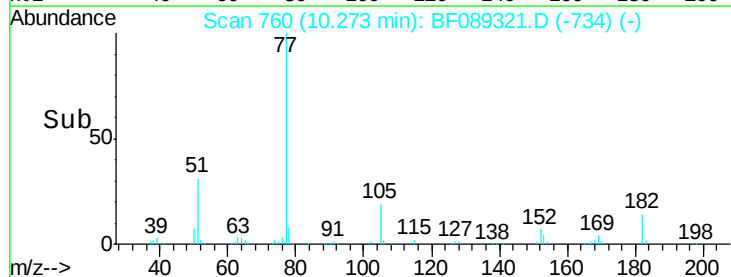
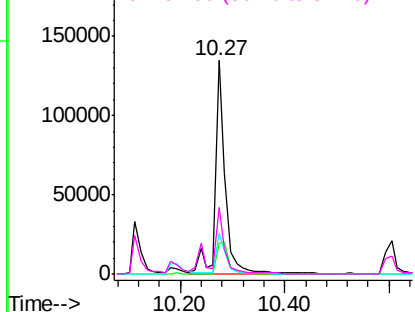


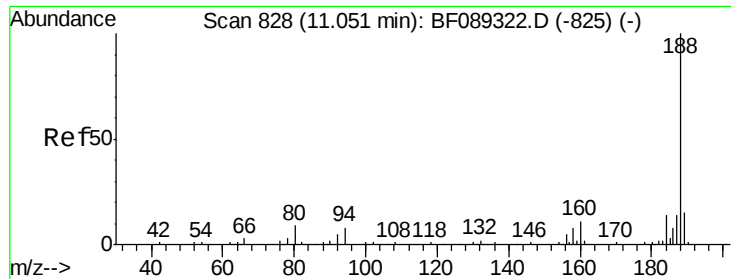
#62
Azobenzene
Concen: 24.00 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion: 77 Resp: 178877
Ion Ratio Lower Upper
77 100
182 14.4 0.0 33.8
105 19.3 0.0 39.8
51 30.9 11.0 51.0



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

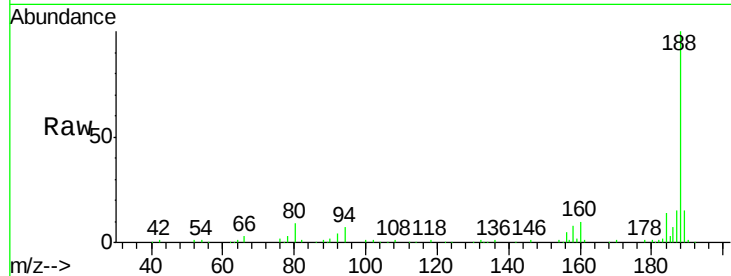




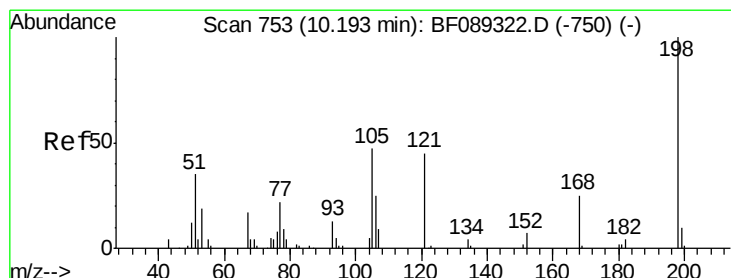
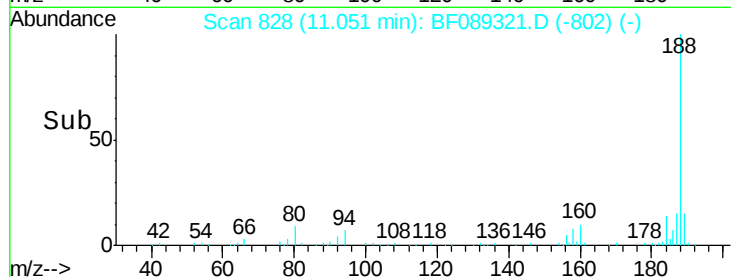
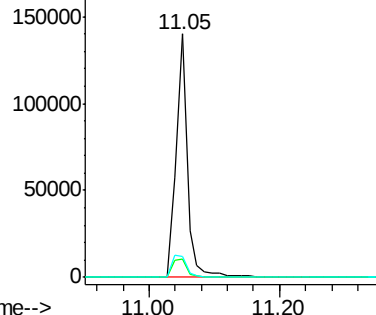
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 168675
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.5 9.7
 80 8.8 7.2 10.8

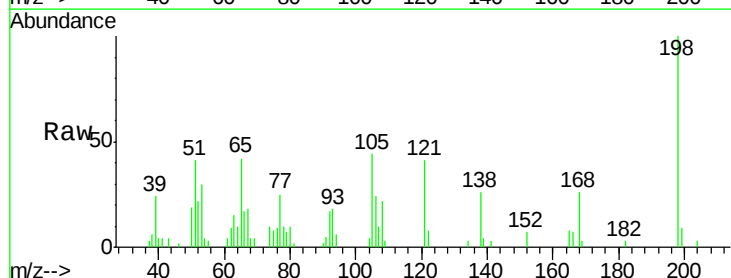


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

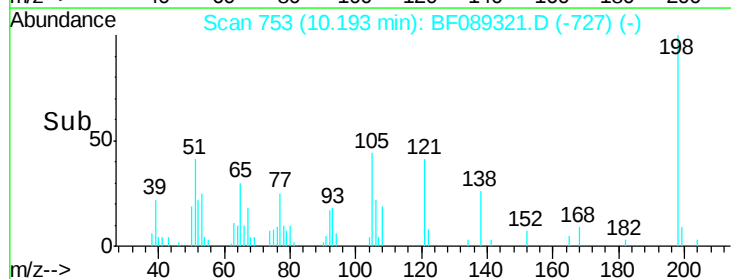
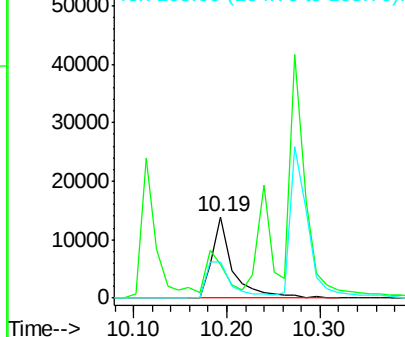


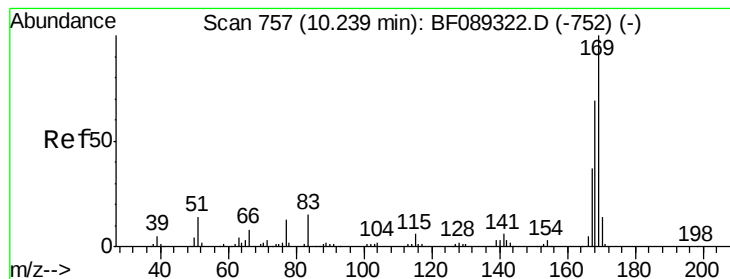
#64
 4,6-Dinitro-2-methylphenol
 Concen: 22.19 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion:198 Resp: 21477
 Ion Ratio Lower Upper
 198 100
 51 41.2 23.0 63.0
 105 43.7 28.3 68.3



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





#65

n-Nitrosodiphenylamine

Concen: 24.98 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

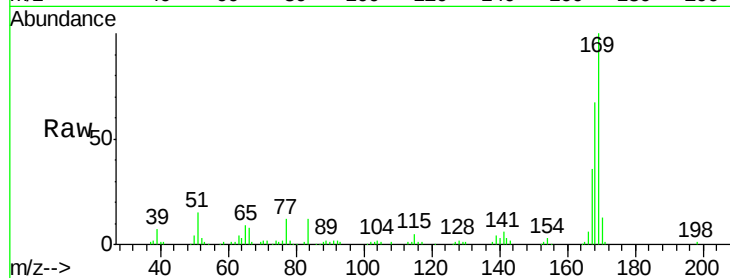
Tot Ion:169 Resp: 140659

Ion Ratio Lower Upper

169 100

168 66.9 55.4 83.0

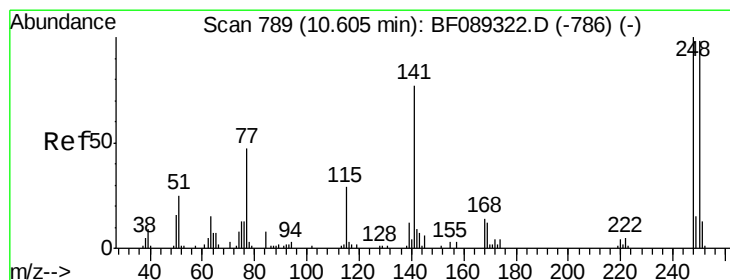
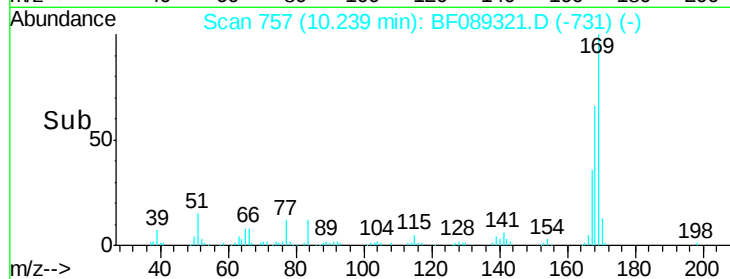
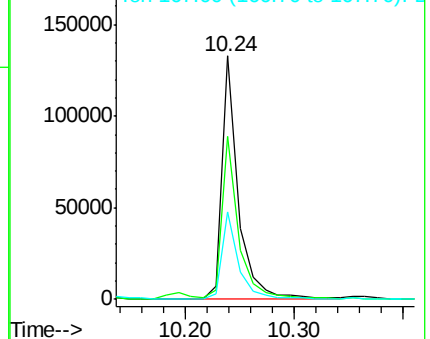
167 36.0 29.7 44.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 25.71 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

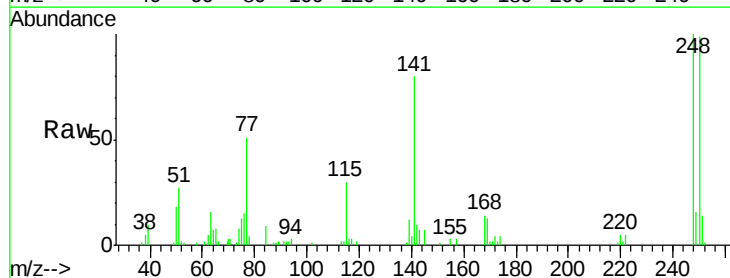
Tgt Ion:248 Resp: 42976

Ion Ratio Lower Upper

248 100

250 99.3 78.2 117.2

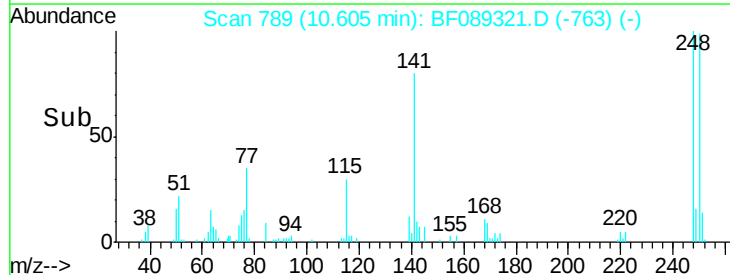
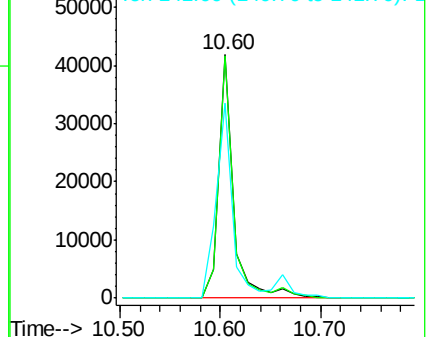
141 80.2 62.0 93.0

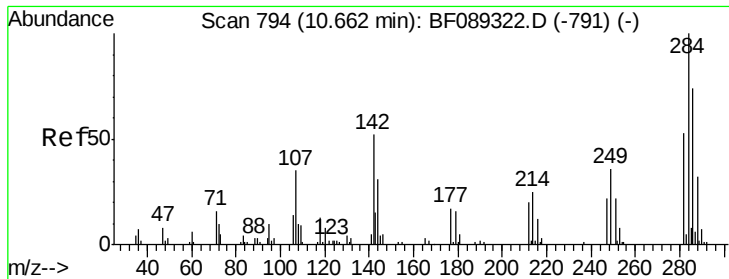


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 23.73 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

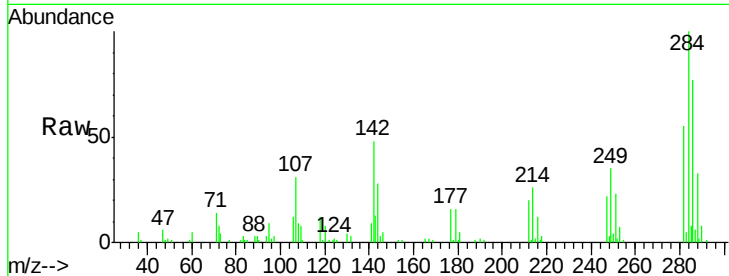
Tot Ion:284 Resp: 42118

Ion Ratio Lower Upper

284 100

142 48.0 42.2 63.4

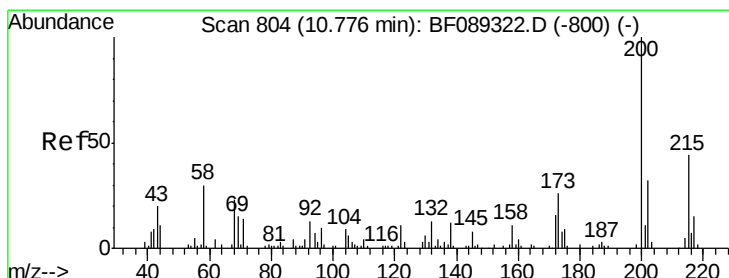
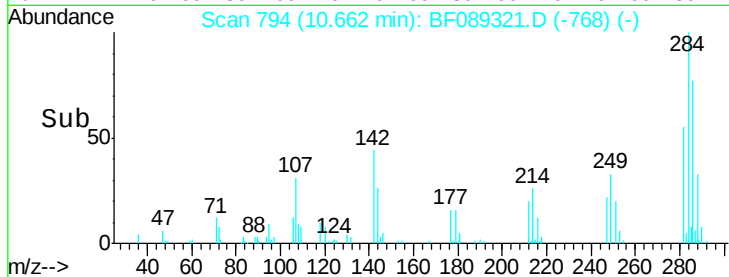
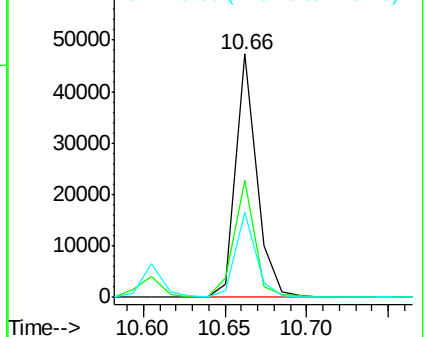
249 35.1 29.4 44.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 23.17 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

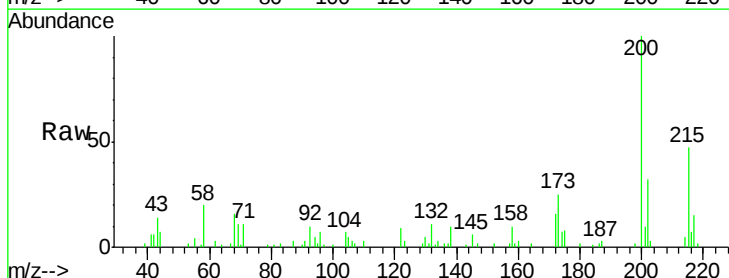
Tgt Ion:200 Resp: 40645

Ion Ratio Lower Upper

200 100

173 24.8 6.0 46.0

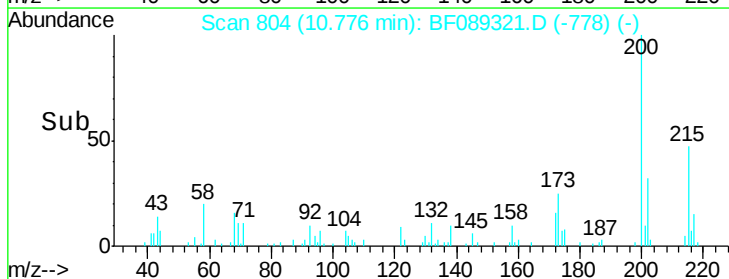
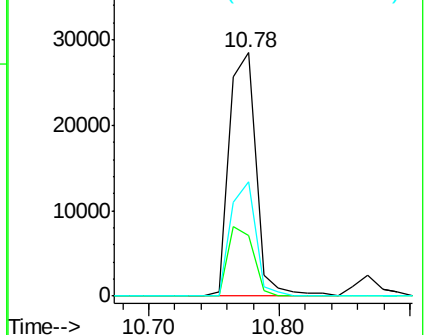
215 46.7 24.3 64.3

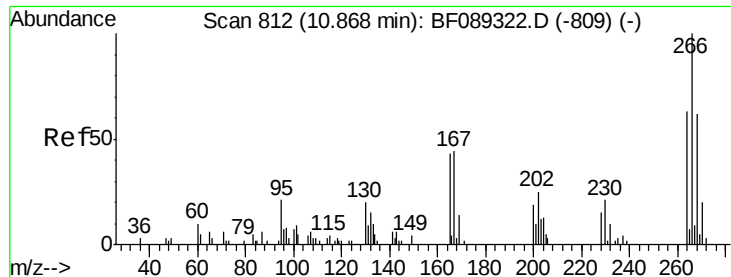


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

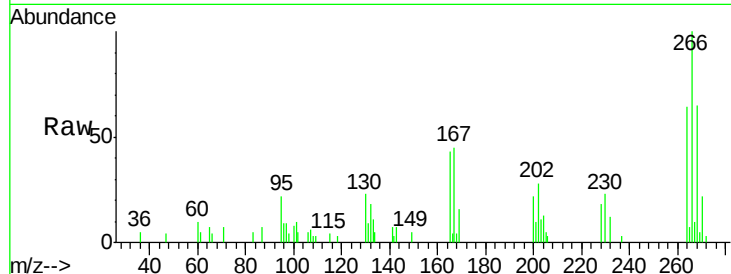




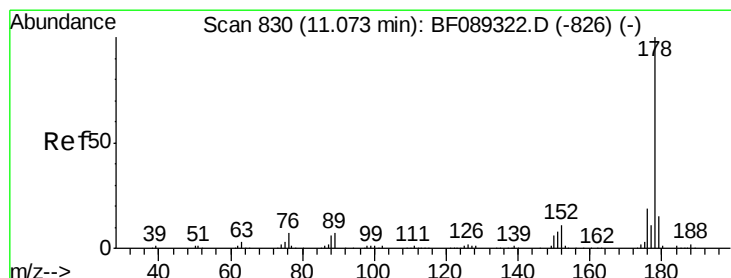
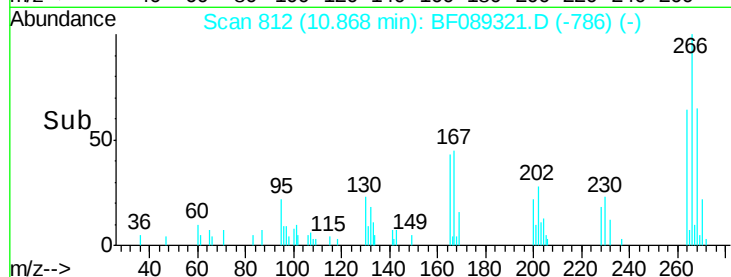
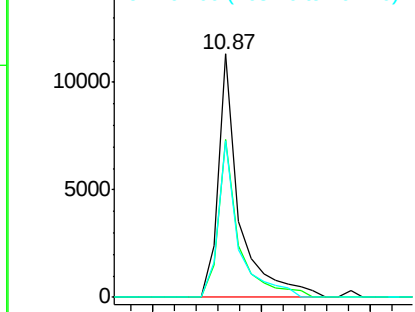
#69
 Pentachlorophenol
 Concen: 19.33 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 15368
 Ion Ratio Lower Upper
 266 100
 268 64.7 49.4 74.2
 264 64.3 50.2 75.2

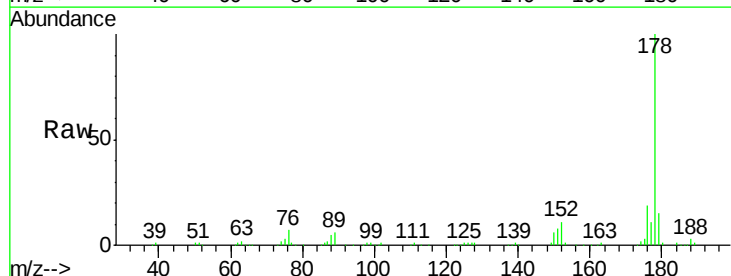


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

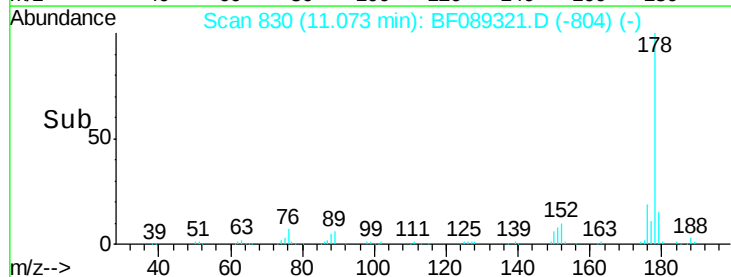
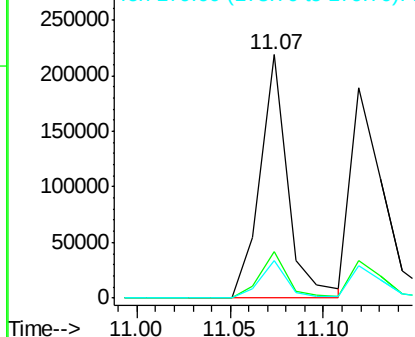


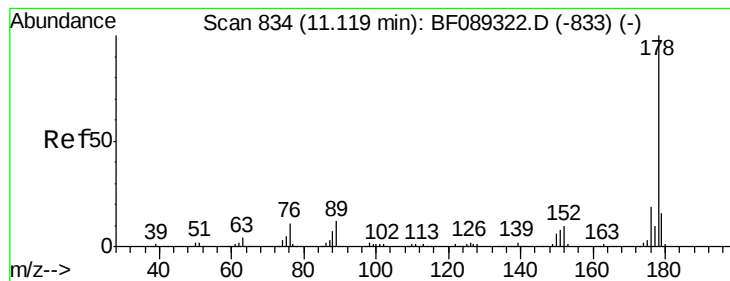
#70
 Phenanthrene
 Concen: 24.18 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion:178 Resp: 224926
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.4 12.3 18.5



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





#71

Anthracene

Concen: 26.12 ng

RT: 11.12 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

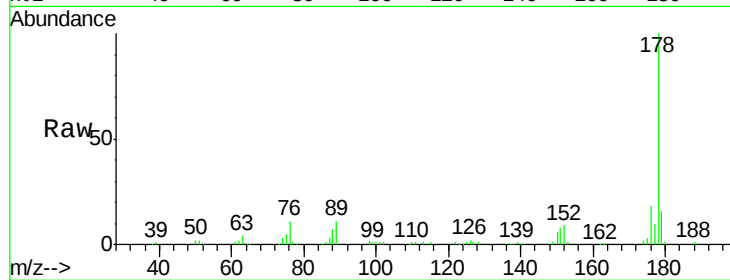
Tot Ion:178 Resp: 249455

Ion Ratio Lower Upper

178 100

176 17.9 14.8 22.2

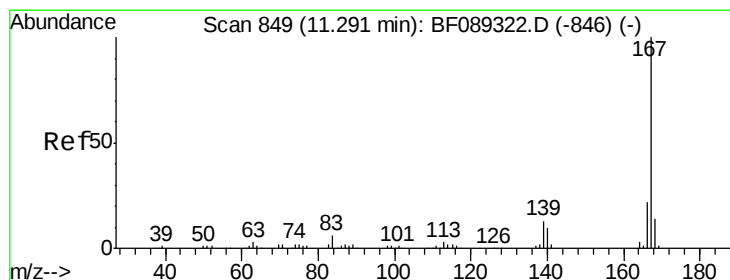
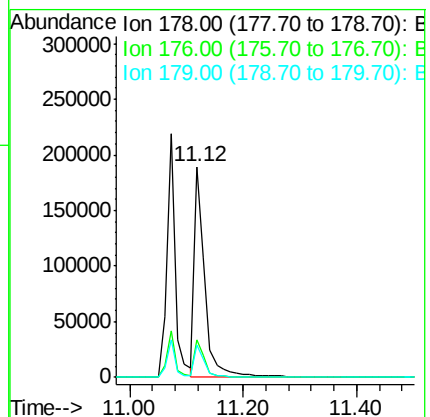
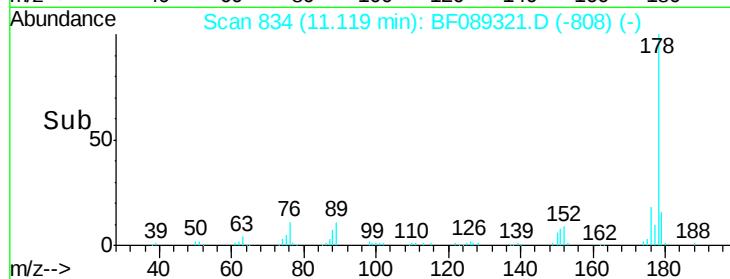
179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 25.15 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

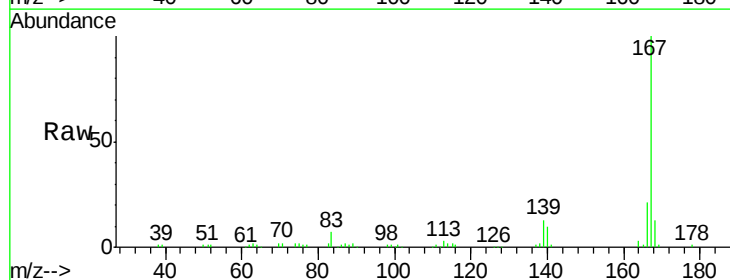
Tgt Ion:167 Resp: 208592

Ion Ratio Lower Upper

167 100

166 21.3 17.6 26.4

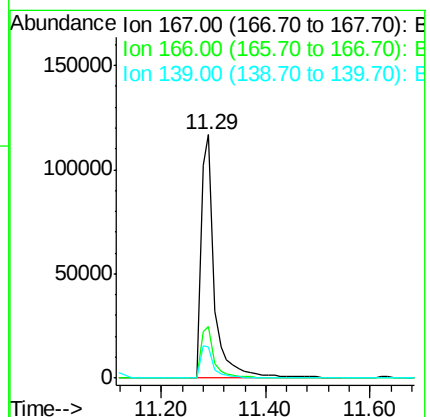
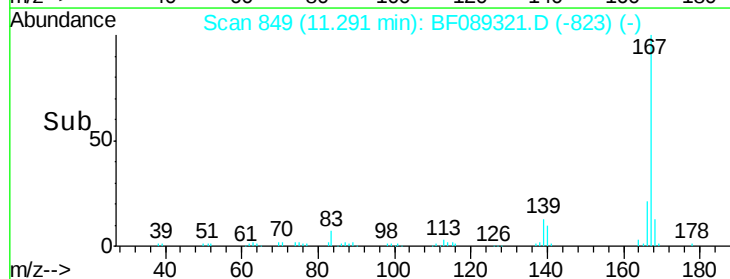
139 12.7 10.1 15.1

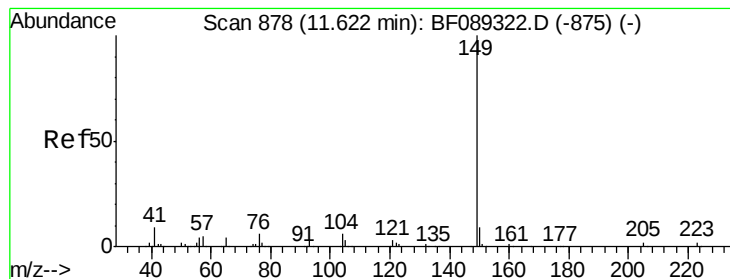


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 25.22 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

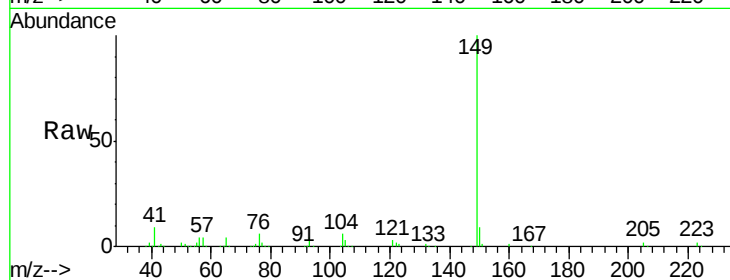
Tot Ion:149 Resp: 266083

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

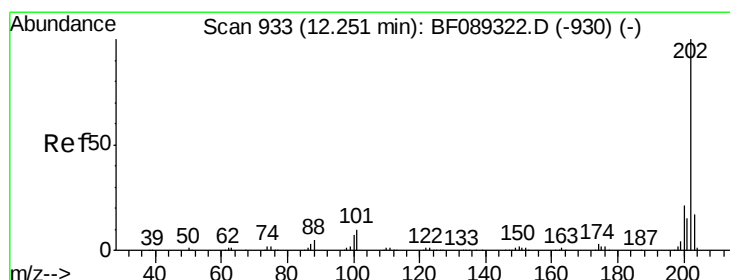
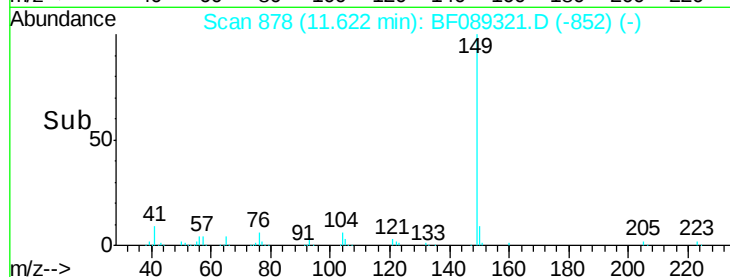
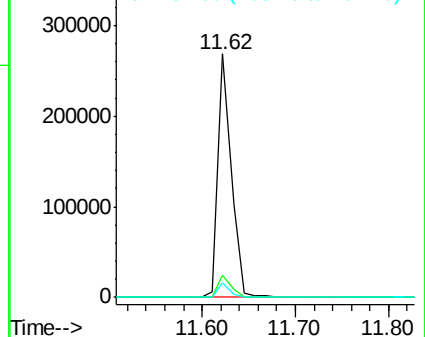
104 5.9 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 25.12 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

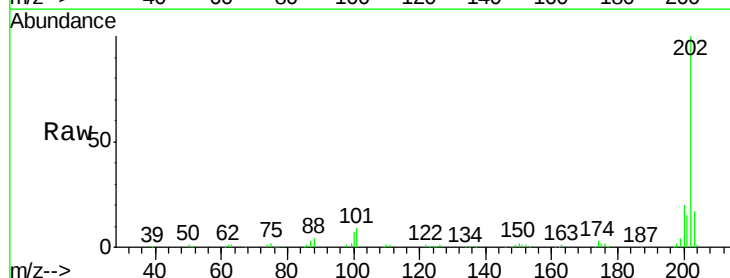
Tgt Ion:202 Resp: 246091

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.9

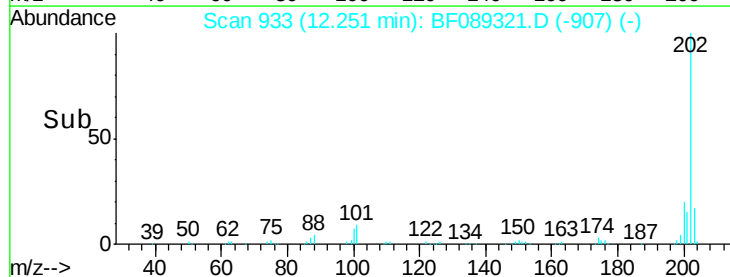
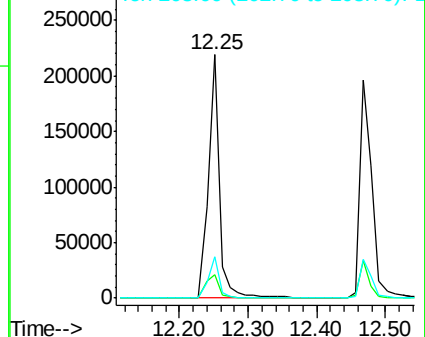
203 17.0 0.0 37.3

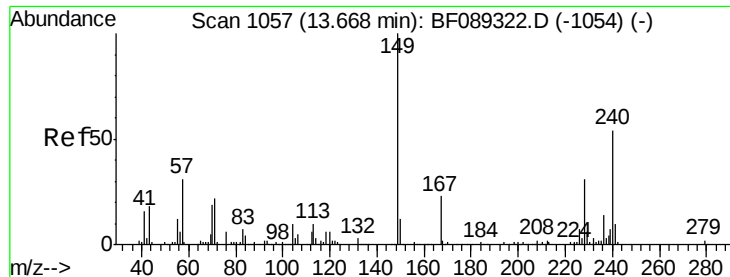


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

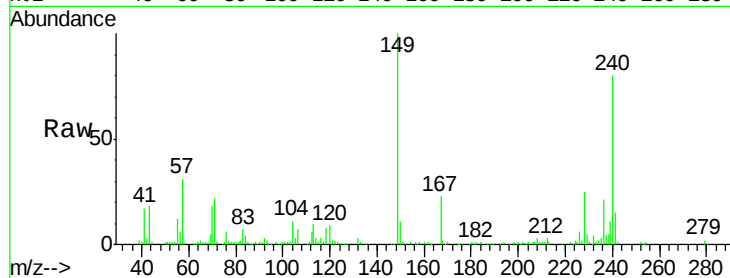
Tot Ion:240 Resp: 135673

Ion Ratio Lower Upper

240 100

120 10.6 9.1 13.7

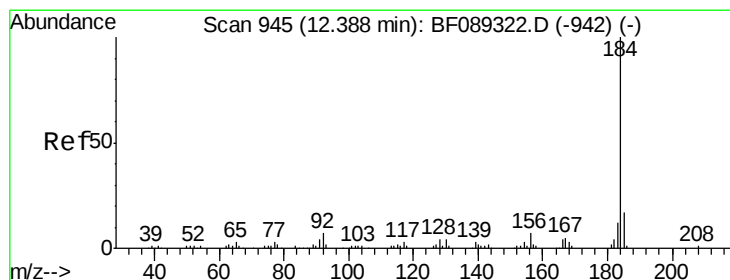
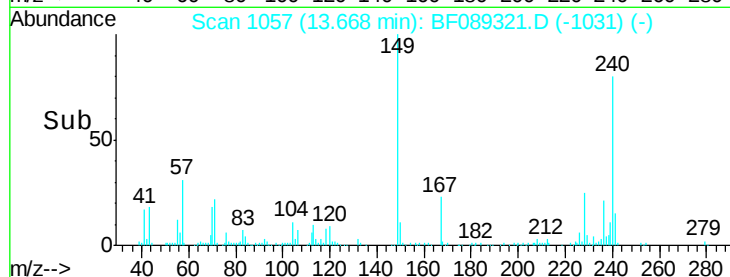
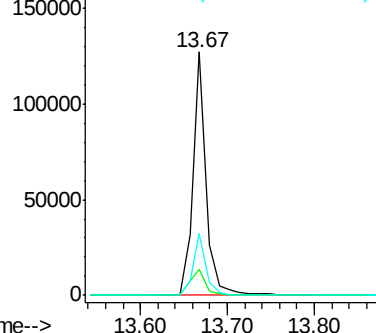
236 25.6 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.21 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

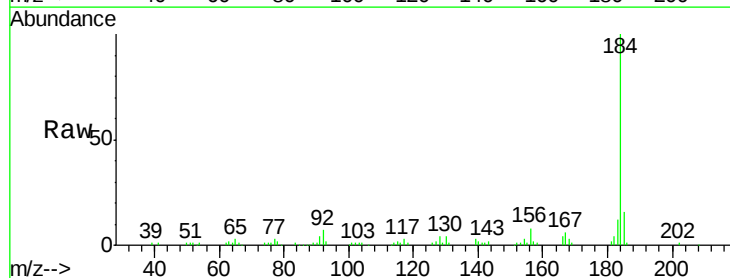
Tgt Ion:184 Resp: 123130

Ion Ratio Lower Upper

184 100

185 15.5 13.5 20.3

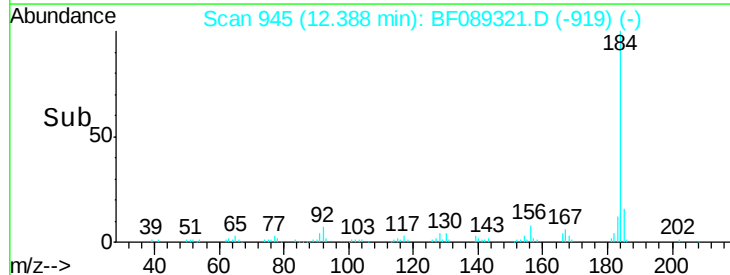
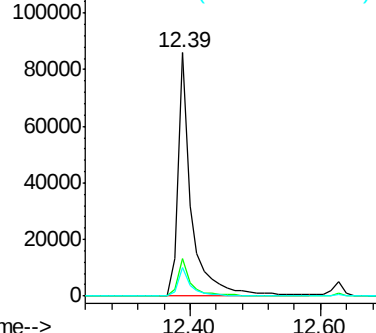
183 11.6 9.8 14.6

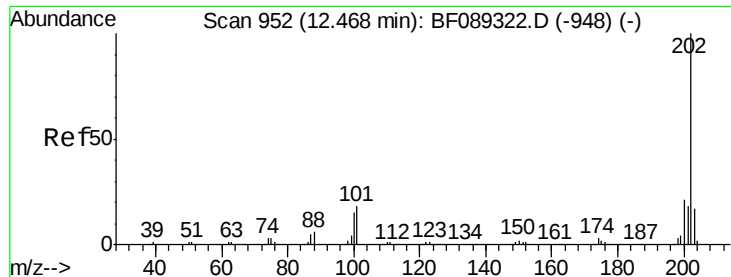


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

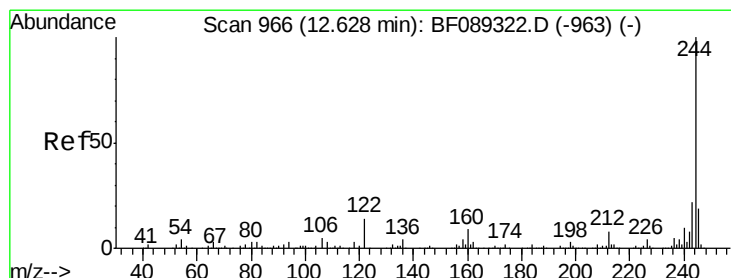
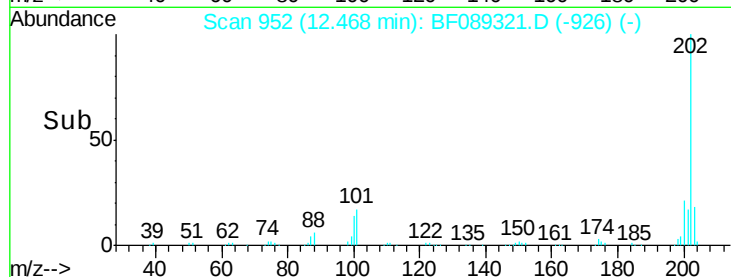
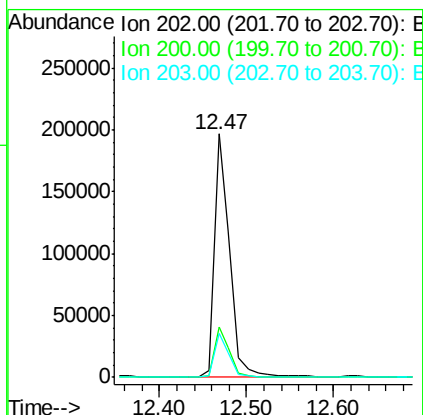
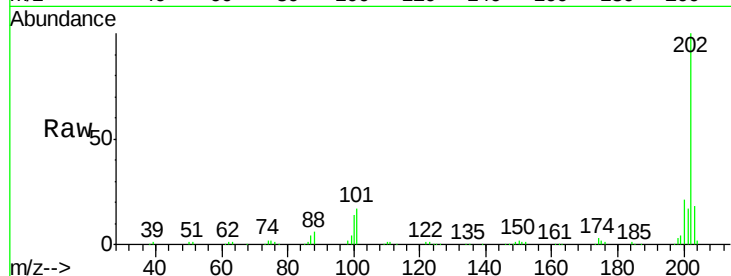




#77
Pvrene
Concen: 21.92 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

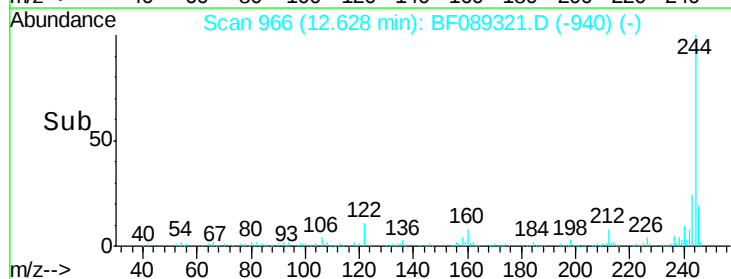
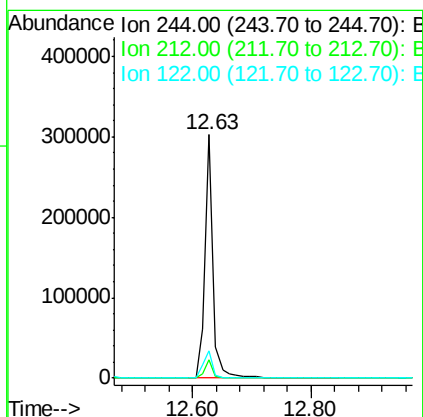
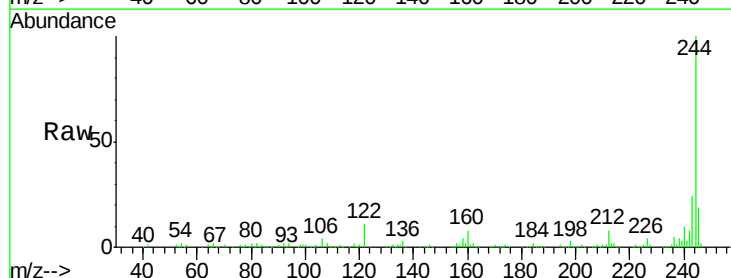
Instrument :
BNA_F
ClientSampleId :

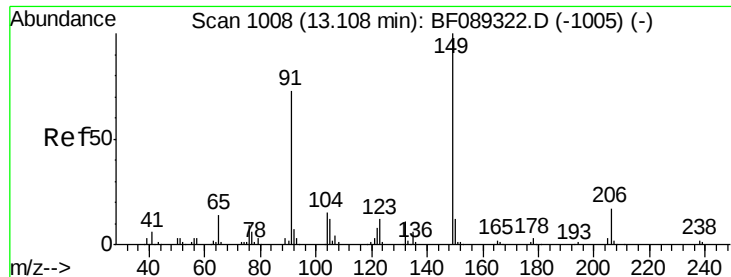
Tot Ion:202 Resp: 240255
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 17.9 14.0 21.0



#78
Terphenyl-d14
Concen: 47.66 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion:244 Resp: 297161
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 11.1 11.4 17.0#





#79

Butylbenzylphthalate

Concen: 25.44 ng

RT: 13.11 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

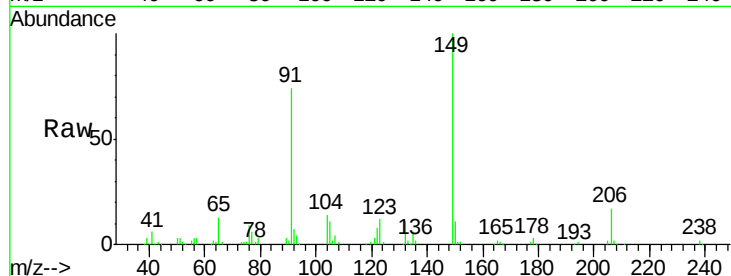
Tot Ion:149 Resp: 120815

Ion Ratio Lower Upper

149 100

91 73.6 58.5 87.7

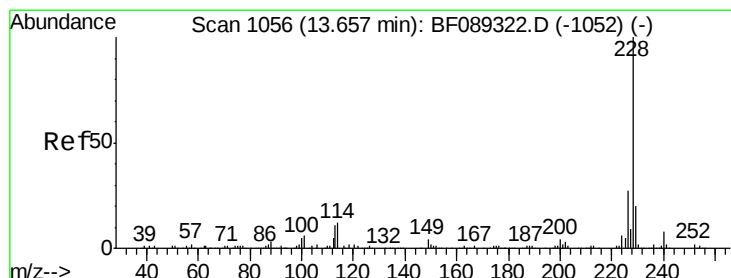
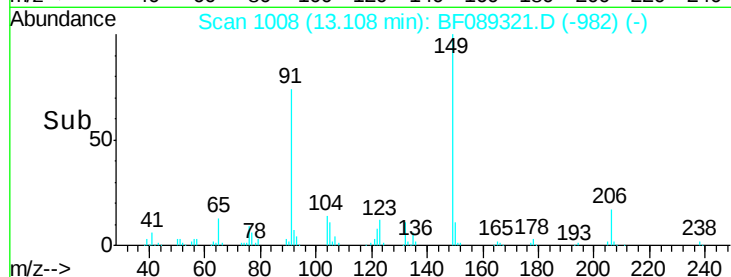
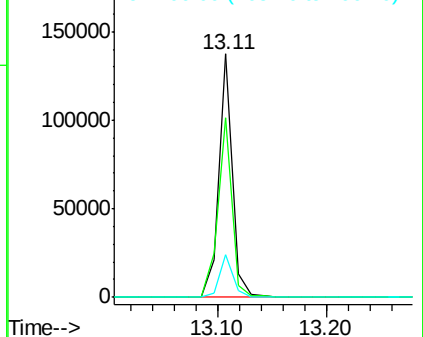
206 17.5 13.8 20.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 23.57 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

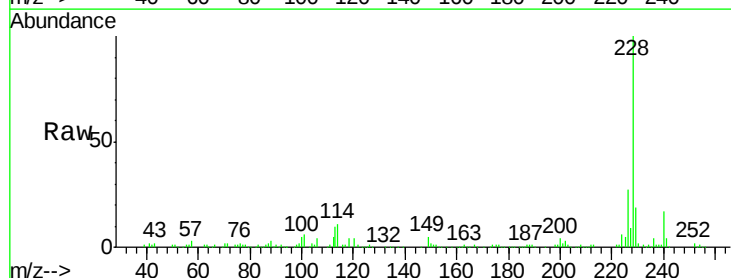
Tgt Ion:228 Resp: 201239

Ion Ratio Lower Upper

228 100

226 26.7 21.4 32.2

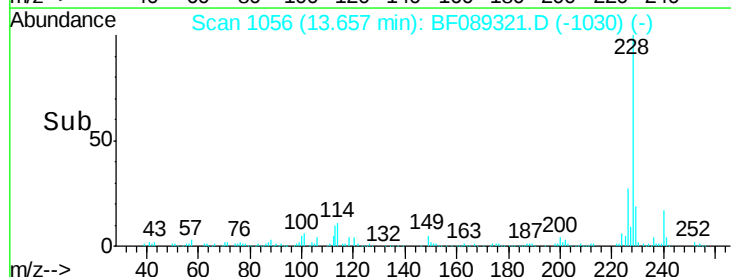
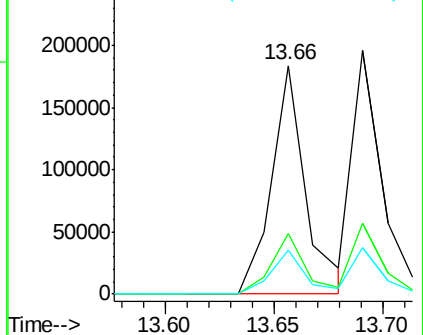
229 19.0 15.9 23.9

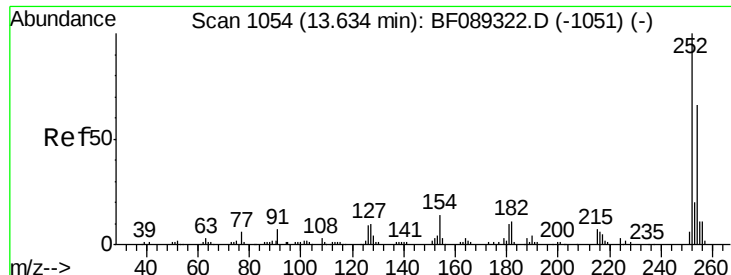


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

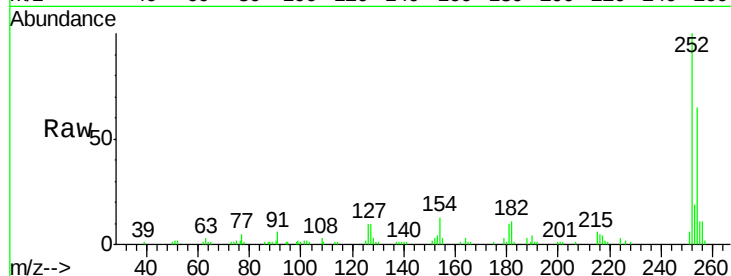




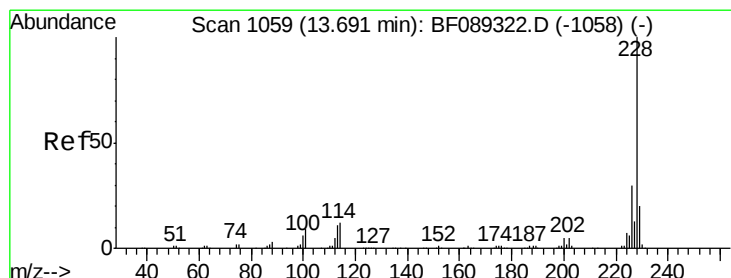
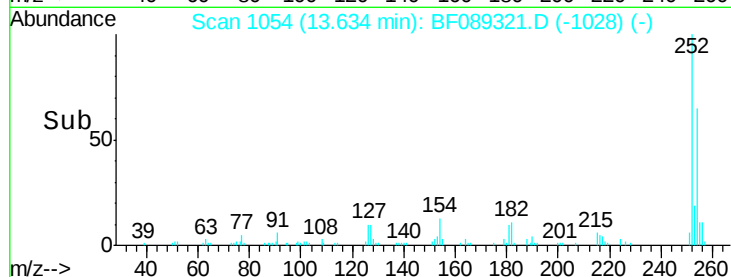
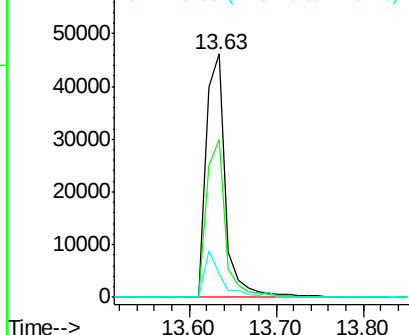
#81
 3,3'-Dichlorobenzidine
 Concen: 25.44 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 71311
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.5 78.7
 126 9.9 7.4 11.2

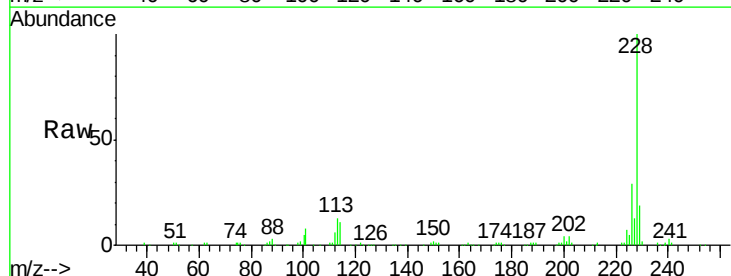


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

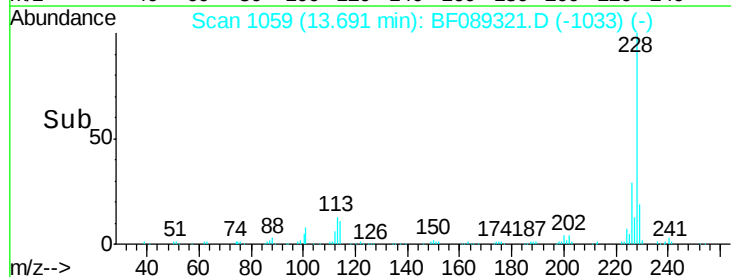
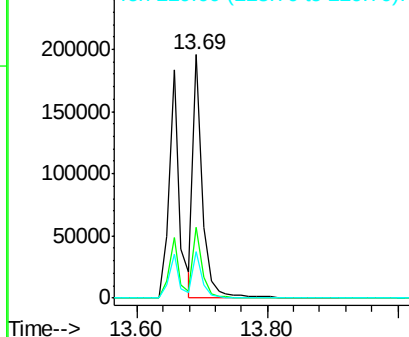


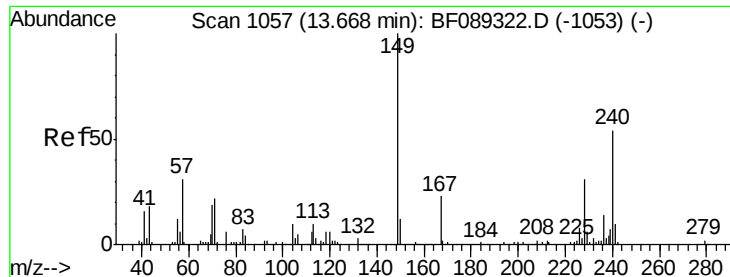
#82
 Chrysene
 Concen: 24.51 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion:228 Resp: 198315
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.2 36.2
 229 19.1 15.9 23.9



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 25.81 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

Instrument :

BNA_F

ClientSampleId :

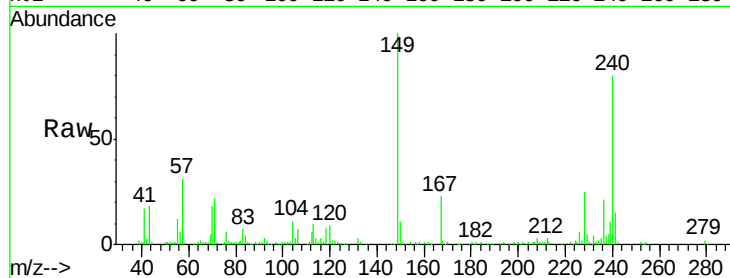
Tot Ion:149 Resp: 163634

Ion Ratio Lower Upper

149 100

167 23.0 18.8 28.2

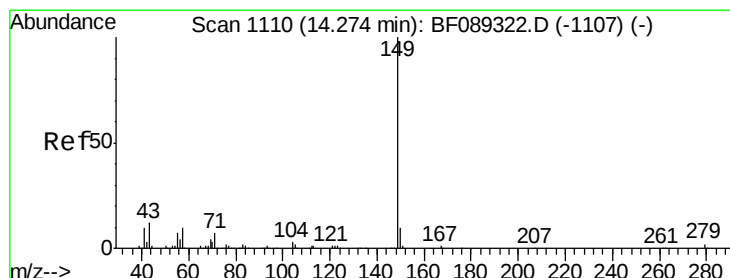
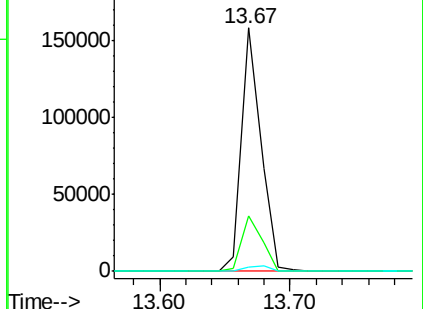
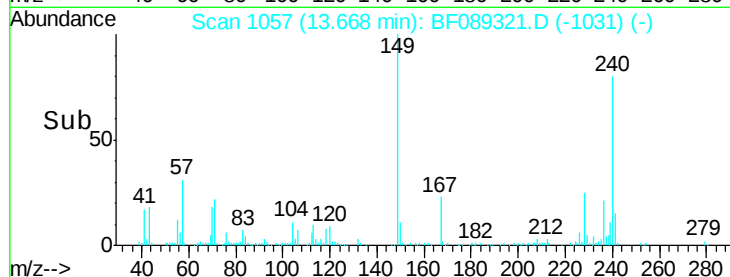
279 1.7 1.4 2.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 25.66 ng

RT: 14.27 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF089321.D

Acq: 27 Jul 2016 10:26

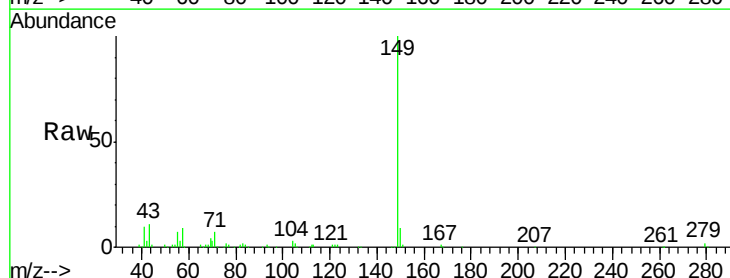
Tgt Ion:149 Resp: 265479

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

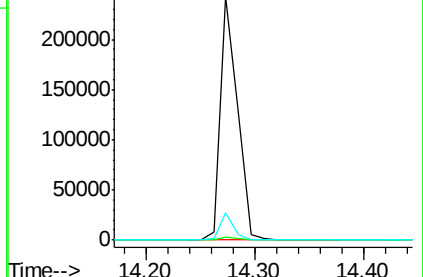
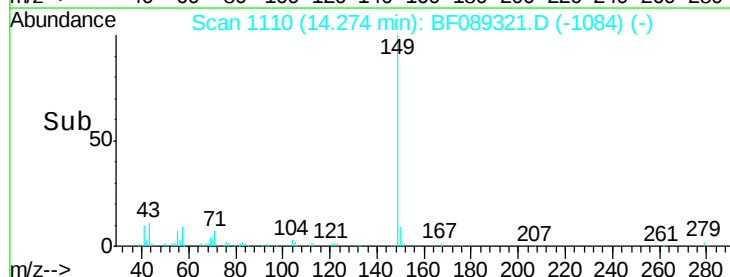
43 9.2 7.3 10.9

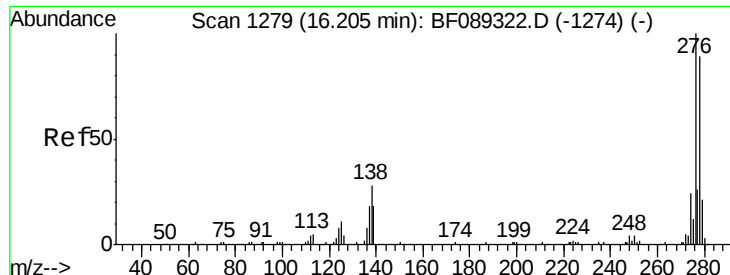


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

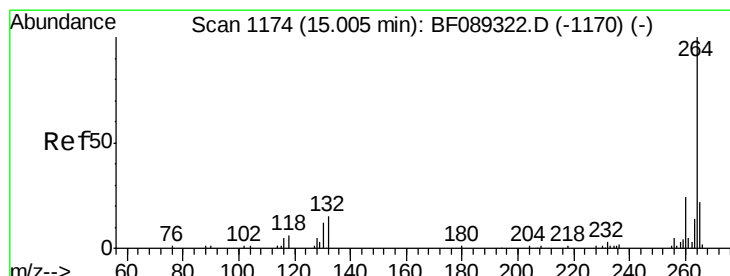
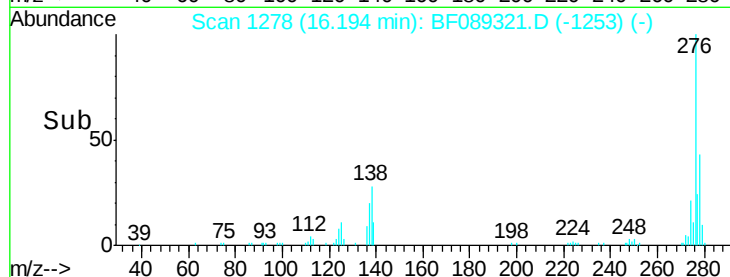
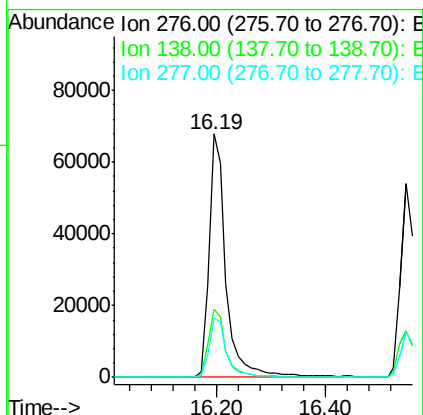
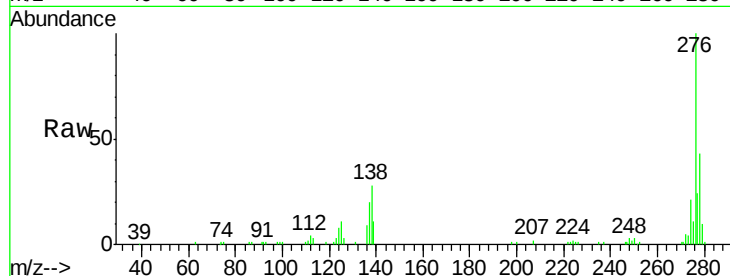




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.02 ng
 RT: 16.19 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

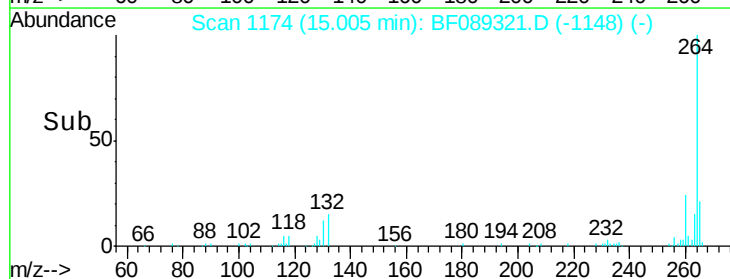
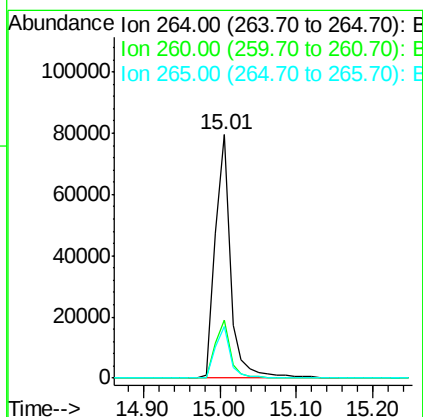
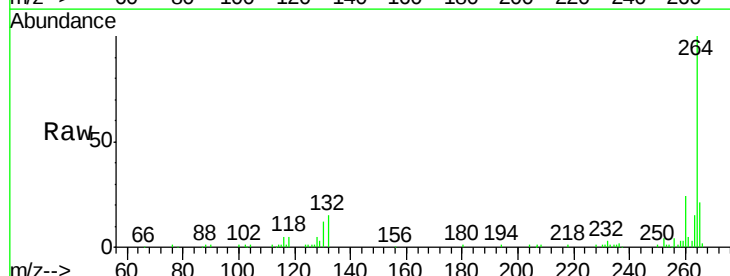
Instrument :
 BNA_F
 ClientSampleId :

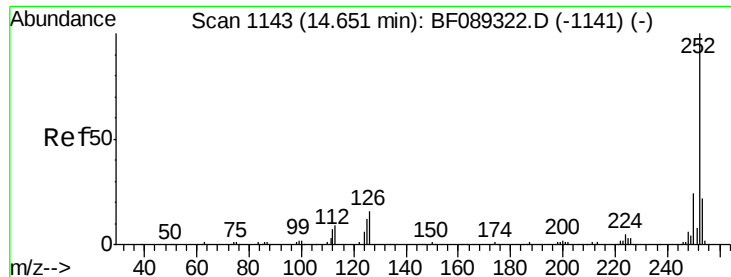
Tot Ion:276 Resp: 147635
 Ion Ratio Lower Upper
 276 100
 138 28.8 23.0 34.4
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Tgt Ion:264 Resp: 110461
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.2 17.5 26.3

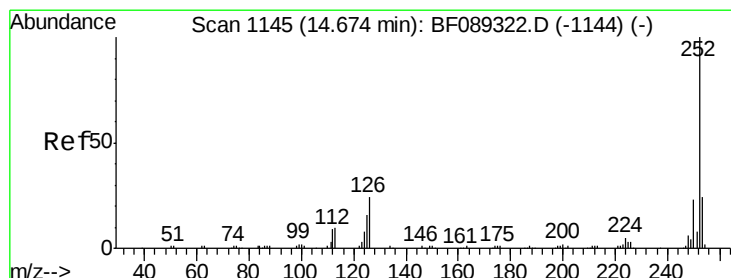
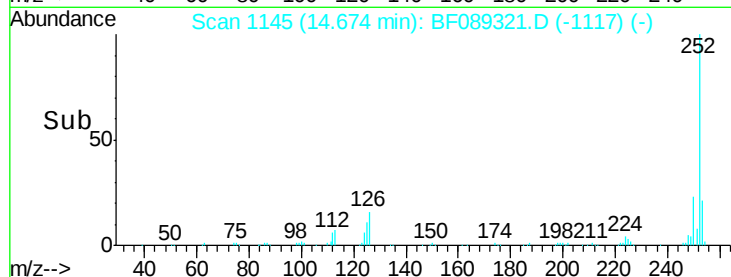
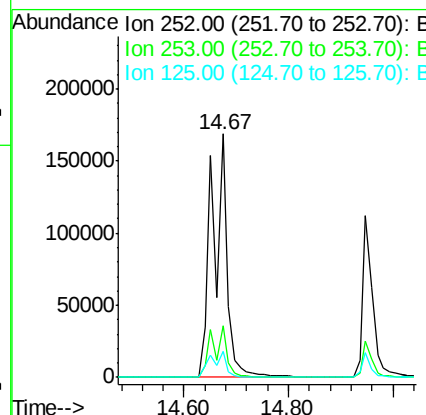
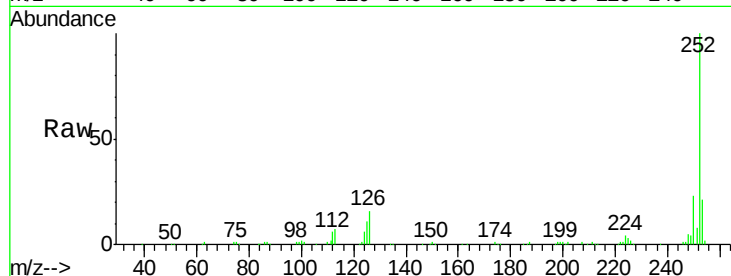




#87
Benzo(b)fluoranthene
Concen: 45.17 ng
RT: 14.67 min Scan# 1145
Delta R.T. 0.02 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

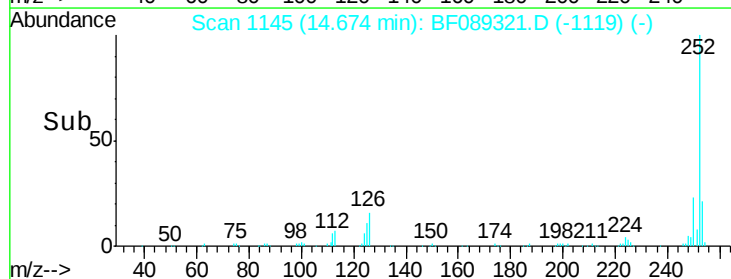
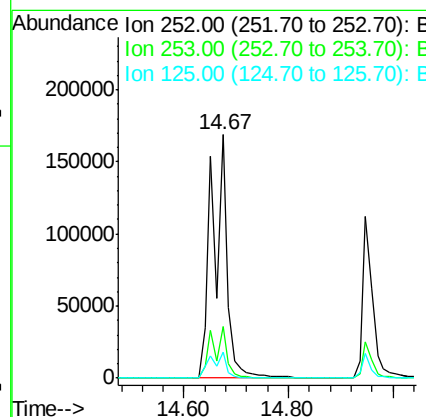
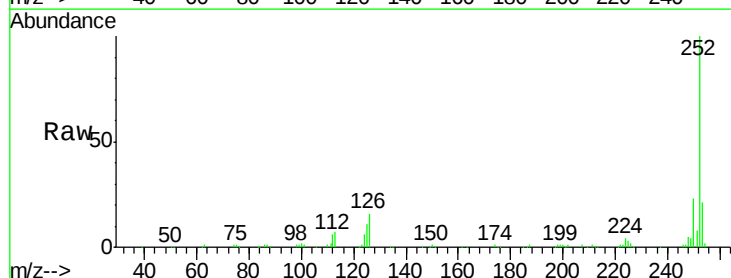
Instrument :
BNA_F
ClientSampleId :

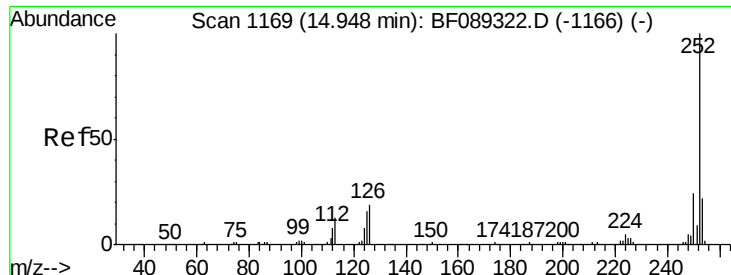
Tot Ion:252 Resp: 342731
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.8 9.7 14.5



#88
Benzo(k)fluoranthene
Concen: 56.77 ng
RT: 14.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion:252 Resp: 342731
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 10.8 10.7 16.1

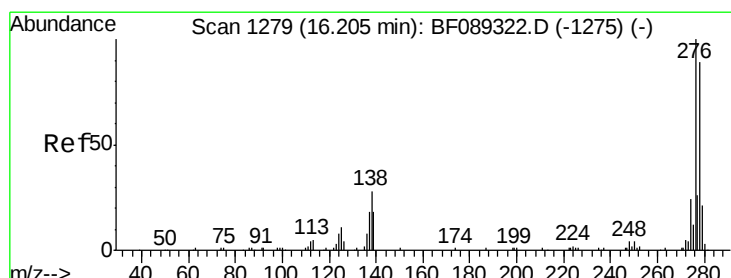
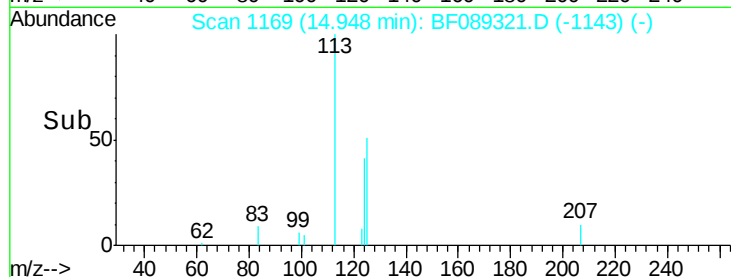
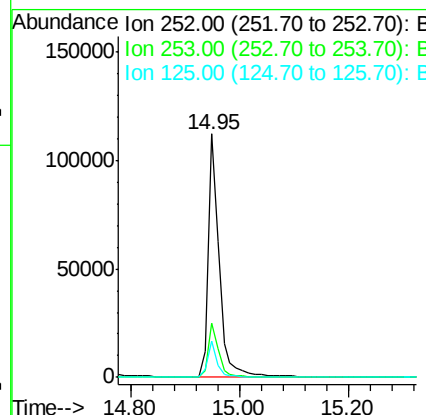
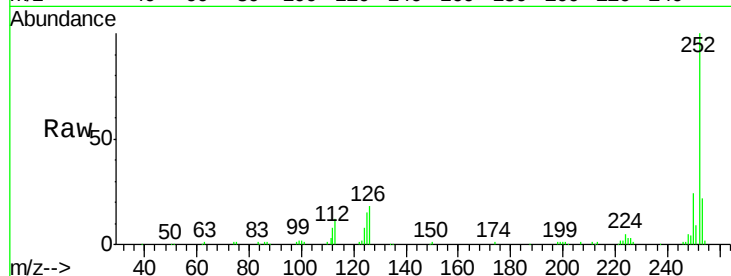




#89
Benzo(a)pyrene
Concen: 25.06 ng
RT: 14.95 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

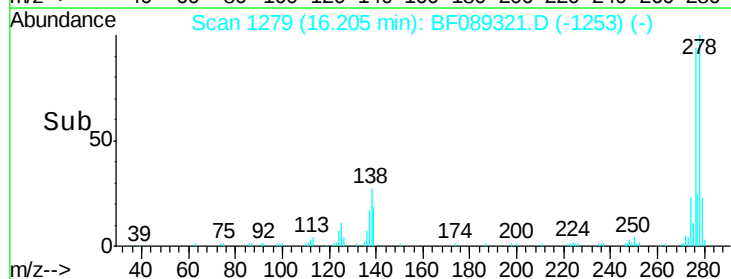
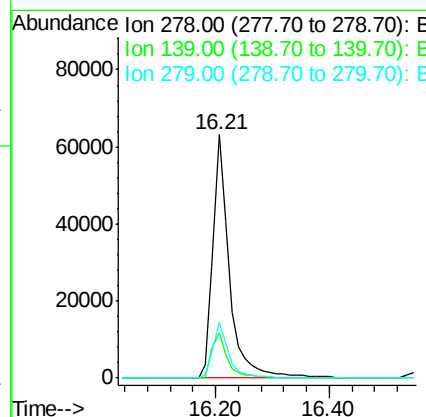
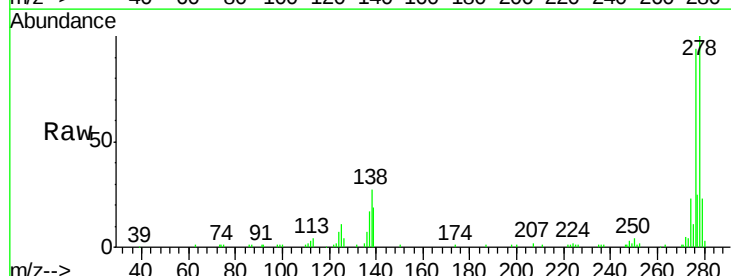
Instrument :
BNA_F
ClientSampleId :

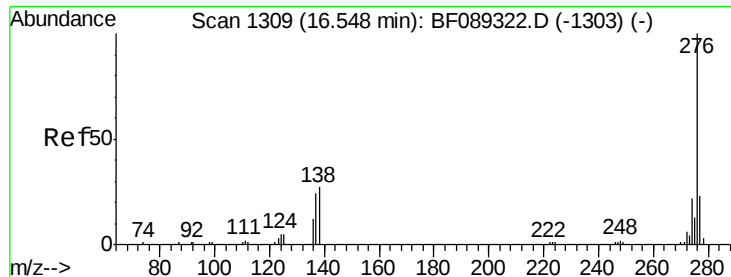
Tot Ion:252 Resp: 155662
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 14.9 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 25.46 ng
RT: 16.21 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF089321.D
Acq: 27 Jul 2016 10:26

Tgt Ion:278 Resp: 124679
Ion Ratio Lower Upper
278 100
139 18.6 16.3 24.5
279 22.5 19.1 28.7

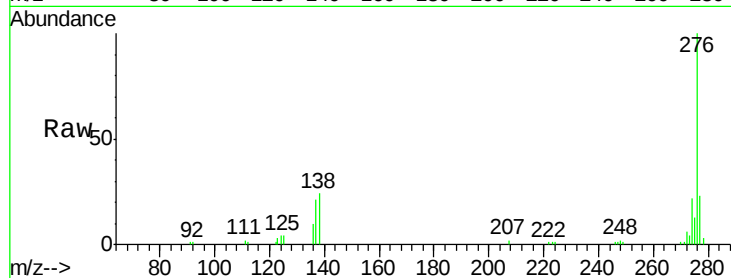




#91
 Benzo(a,h,i)perylene
 Concen: 23.94 ng
 RT: 16.55 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF089321.D
 Acq: 27 Jul 2016 10:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	24.3	21.4	32.0



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

