

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089320.D
 Acq On : 27 Jul 2016 9:57
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 11:55:04 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	42376	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	191687	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	87304	20.00	ng	0.00
63) Phenanthrene-d10	11.04	188	174000	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	142621	20.00	ng	0.00
86) Perylene-d12	15.01	264	118549	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	46908	16.92	ng	0.01
7) Phenol-d6	6.19	99	75904	21.10	ng	-0.01
23) Nitrobenzene-d5	7.12	82	65085	18.17	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	14847	18.87	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	128530	20.54	ng	-0.01
78) Terphenyl-d14	12.63	244	120848	18.44	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.96	88	19587	16.44	ng	# 67
3) Pyridine	2.62	79	19780	6.53	ng	# 90
4) n-Nitrosodimethylamine	2.58	42	4604	3.70	ng	# 82
6) Aniline	6.20	93	39138	8.25	ng	# 91
8) 2-Chlorophenol	6.33	128	31576	10.17	ng	99
9) Benzaldehyde	6.09	77	15999	8.46	ng	94
10) Phenol	6.22	94	41638	10.11	ng	84
11) bis(2-Chloroethyl)ether	6.28	93	36592	11.77	ng	96
12) 1,3-Dichlorobenzene	6.48	146	32412	9.51	ng	97
13) 1,4-Dichlorobenzene	6.56	146	35480	10.22	ng	97
14) 1,2-Dichlorobenzene	6.56	146	37793	11.73	ng	95
15) Benzyl Alcohol	6.71	79	18611	7.28	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.83	45	37206	10.46	ng	90
17) 2-Methylphenol	6.82	107	23362	9.70	ng	95
18) Hexachloroethane	7.05	117	14875	11.44	ng	95
19) n-Nitroso-di-n-propylamine	6.97	70	22153	9.59	ng	97
20) 3+4-Methylphenols	6.98	107	28834	8.83	ng	# 88
22) Acetophenone	6.97	105	46423	9.23	ng	# 97
24) Nitrobenzene	7.13	77	36081	9.59	ng	92
25) Isophorone	7.37	82	69218	10.47	ng	97
26) 2-Nitrophenol	7.46	139	14926	8.48	ng	96
27) 2,4-Dimethylphenol	7.51	122	26478	8.93	ng	95
28) bis(2-Chloroethoxy)methane	7.60	93	37188	9.16	ng	96
29) 2,4-Dichlorophenol	7.70	162	24117	9.01	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	27048	9.16	ng	99
31) Naphthalene	7.85	128	104896	10.23	ng	100
32) Benzoic acid	7.62	122	16928	7.69	ng	97
33) 4-Chloroaniline	7.92	127	37927	8.96	ng	96
34) Hexachlorobutadiene	7.98	225	15977	9.69	ng	98
35) Caprolactam	8.25	113	6217	7.56	ng	97
36) 4-Chloro-3-methylphenol	8.41	107	27447	8.50	ng	94
37) 2-Methylnaphthalene	8.64	142	62304	9.69	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	33908	10.54	ng	99
40) Hexachlorocyclopentadiene	8.70	237	3297	3.92	ng	95

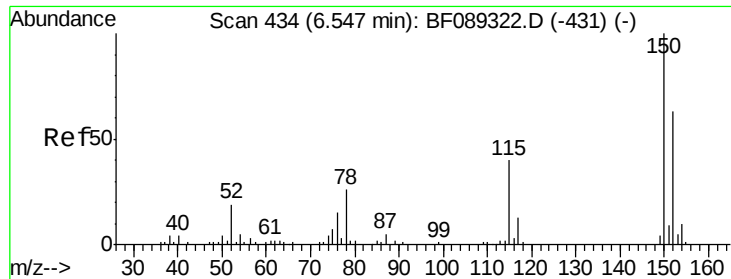
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	13999	7.96	nq	98
43) 2,4,5-Trichlorophenol	8.88	196	20200	11.21	nq	96
45) 1,1'-Biphenyl	9.00	154	82142	10.52	nq	98
46) 2-Chloronaphthalene	9.03	162	60720	10.24	nq	94
47) 2-Nitroaniline	9.14	65	17904	8.94	nq	92
48) Acenaphthylene	9.44	152	94593	10.08	nq	99
49) Dimethylphthalate	9.31	163	73315	11.04	nq	100
50) 2,6-Dinitrotoluene	9.37	165	14118	9.47	nq	# 68
51) Acenaphthene	9.60	154	54616	9.89	nq	99
52) 3-Nitroaniline	9.55	138	15622	9.02	nq	93
53) 2,4-Dinitrophenol	9.68	184	2820	4.93	nq	# 81
54) Dibenzofuran	9.78	168	74905	10.07	nq	97
55) 4-Nitrophenol	9.78	139	39941	39.88	nq	# 11
56) 2,4-Dinitrotoluene	9.78	165	18326	9.48	nq	# 84
57) Fluorene	10.11	166	68064	10.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	13257	10.22	nq	# 98
59) Diethylphthalate	10.01	149	72283	10.92	nq	95
60) 4-Chlorophenyl-phenylether	10.11	204	30928	10.73	nq	# 77
61) 4-Nitroaniline	10.16	138	14336	8.34	nq	96
62) Azobenzene	10.27	77	78685	10.96	nq	95
64) 4,6-Dinitro-2-methylphenol	10.18	198	7050	7.06	nq	# 48
65) n-Nitrosodiphenylamine	10.24	169	55660	9.58	nq	96
66) 4-Bromophenyl-phenylether	10.60	248	16943	9.82	nq	97
67) Hexachlorobenzene	10.66	284	18060	9.86	nq	# 80
68) Atrazine	10.76	200	18572	10.26	nq	96
69) Pentachlorophenol	10.87	266	4641	5.66	nq	96
70) Phenanthrene	11.07	178	93973	9.79	nq	98
71) Anthracene	11.12	178	107869	10.95	nq	100
72) Carbazole	11.28	167	91525	10.70	nq	98
73) Di-n-butylphthalate	11.62	149	122359	11.24	nq	99
74) Fluoranthene	12.25	202	101490	10.04	nq	98
76) Benzidine	12.39	184	49620	10.05	nq	98
77) Pyrene	12.47	202	107271	9.31	nq	100
79) Butylbenzylphthalate	13.11	149	47578	9.53	nq	89
80) Benzo(a)anthracene	13.66	228	79123	8.82	nq	98
81) 3,3'-Dichlorobenzidine	13.62	252	29446	9.99	nq	# 94
82) Chrysene	13.69	228	77461	9.11	nq	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	69581	10.44	nq	# 99
84) Di-n-octyl phthalate	14.27	149	109885	10.10	nq	99
85) Indeno(1,2,3-cd)pyrene	16.19	276	64118	10.34	nq	99
87) Benzo(b)fluoranthene	14.67	252	148637	18.25	nq	# 96
88) Benzo(k)fluoranthene	14.67	252	148637	22.94	nq	# 94
89) Benzo(a)pyrene	14.95	252	68091	10.21	nq	98
90) Dibenzo(a,h)anthracene	16.21	278	52545	10.00	nq	99
91) Benzo(g,h,i)perylene	16.55	276	51666	9.76	nq	98

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

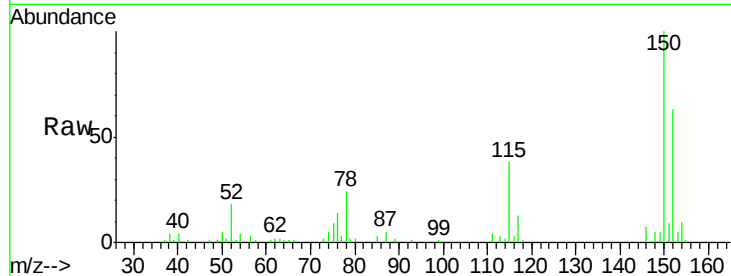


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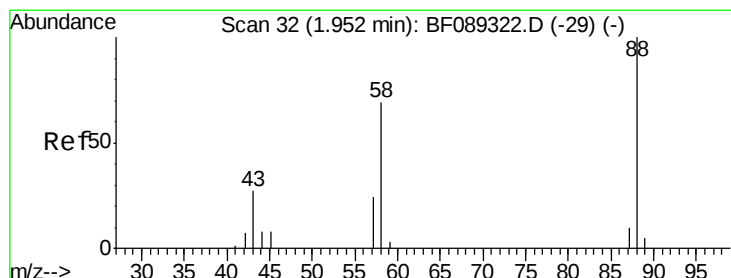
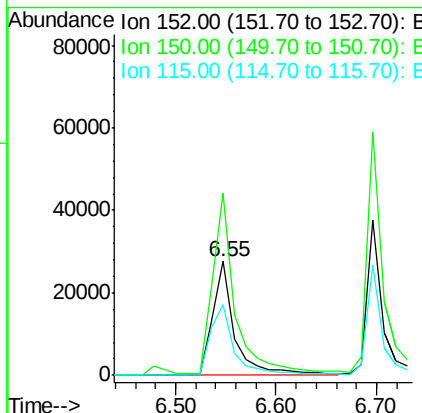
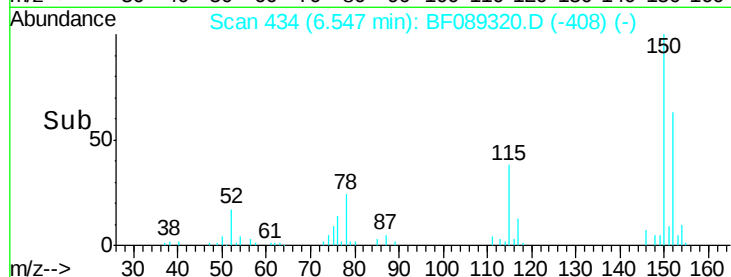
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 42376
Ion Ratio Lower Upper
152 100
150 159.9 129.5 194.3
115 61.5 51.4 77.2



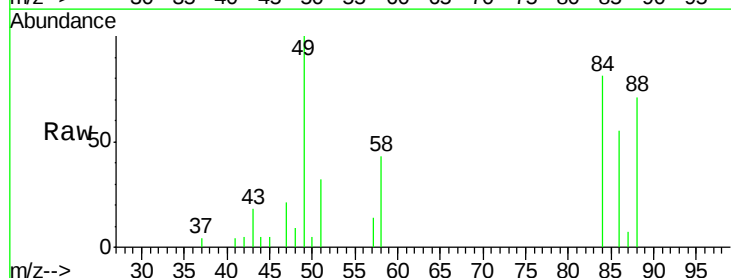
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



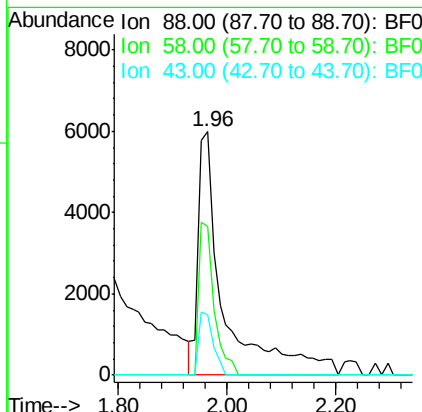
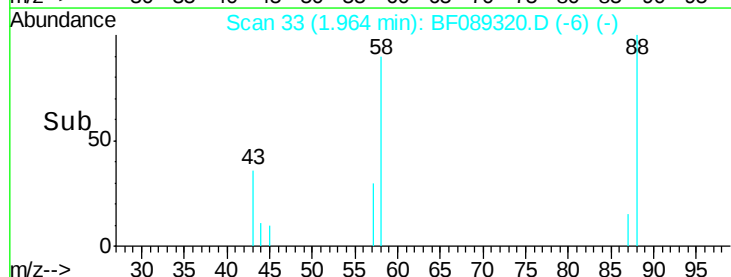
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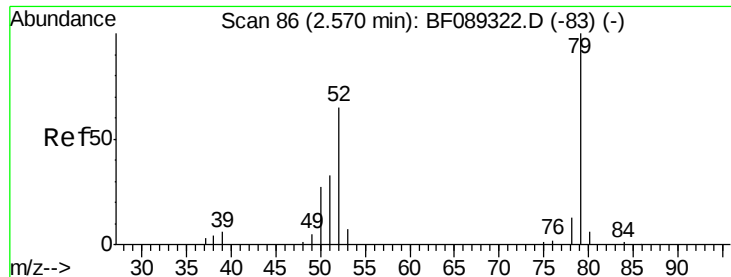
1,4-Dioxane
Concen: 16.44 ng
RT: 1.96 min Scan# 33
Delta R.T. 0.01 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion: 88 Resp: 19587
Ion Ratio Lower Upper
88 100
58 36.9 53.2 79.8#
43 14.2 20.6 31.0#



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





#3

Pvridine

Concen: 6.53 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.05 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

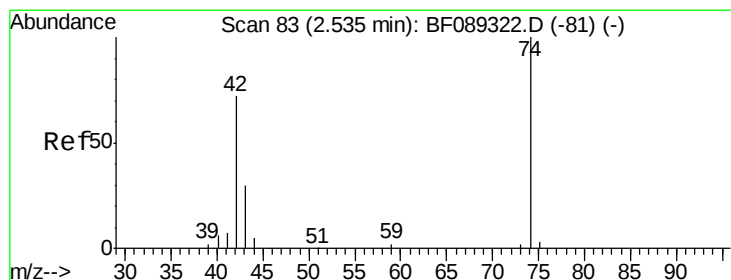
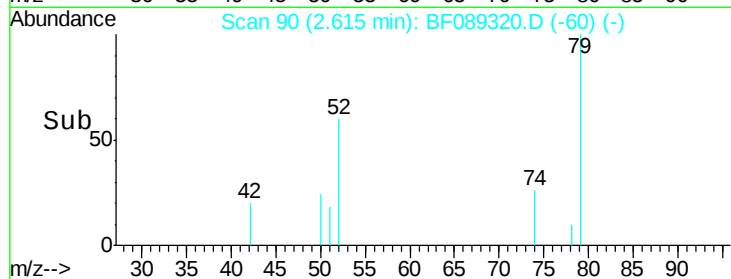
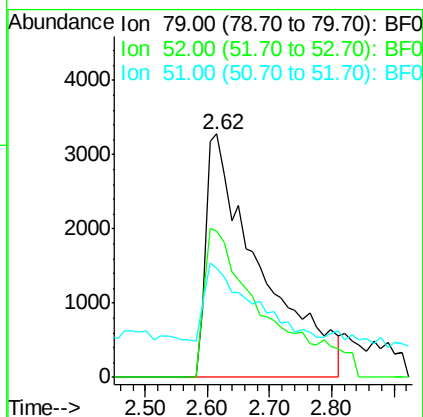
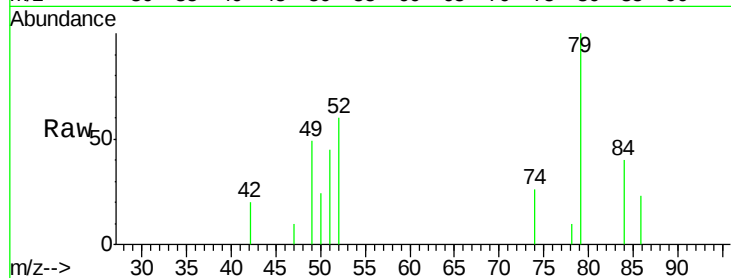
Tot Ion: 79 Resp: 19780

Ion Ratio Lower Upper

79 100

52 60.0 51.9 77.9

51 44.8 28.2 42.4#



#4

n-Nitrosodimethylamine

Concen: 3.70 ng

RT: 2.58 min Scan# 87

Delta R.T. 0.05 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

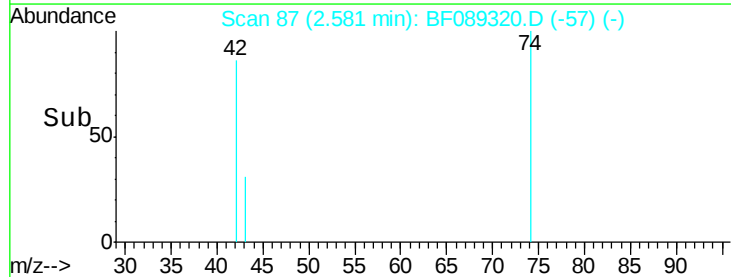
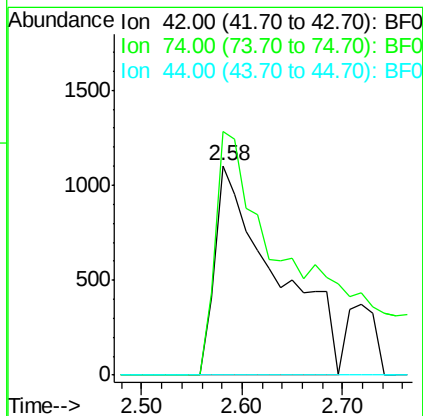
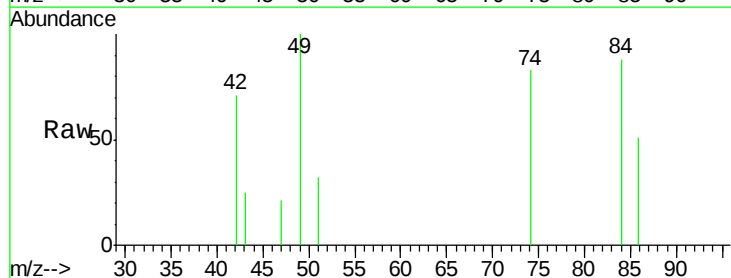
Tgt Ion: 42 Resp: 4604

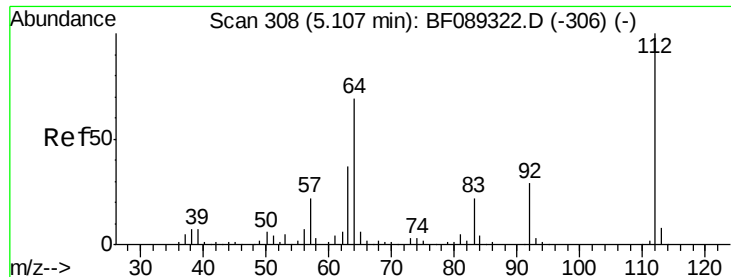
Ion Ratio Lower Upper

42 100

74 116.4 110.8 166.2

44 0.0 5.2 7.8#





#5

2-Fluorophenol

Concen: 16.92 ng

RT: 5.12 min Scan# 309

Delta R.T. 0.01 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

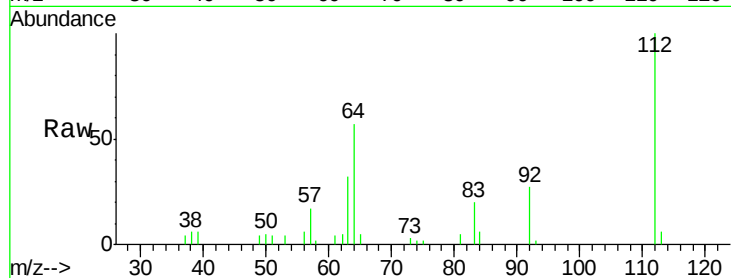
Tot Ion: 112 Resp: 46908

Ion Ratio Lower Upper

112 100

64 56.7 55.0 82.6

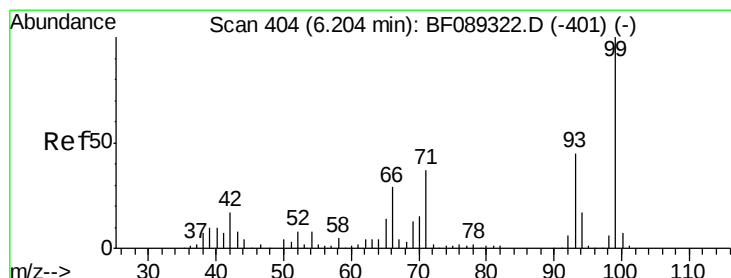
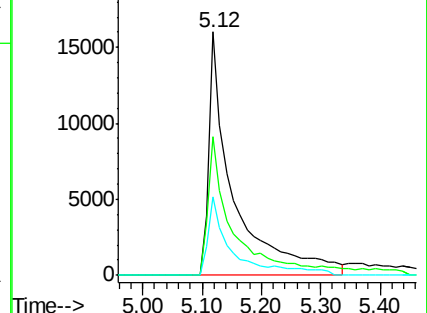
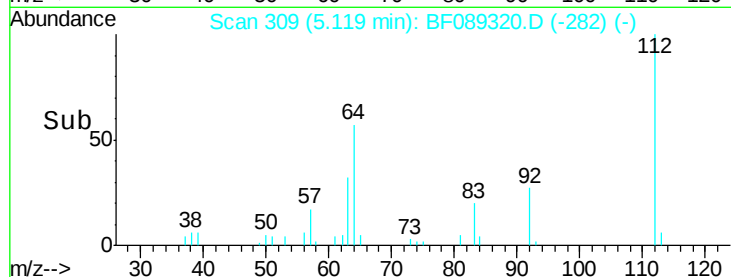
63 32.3 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.25 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

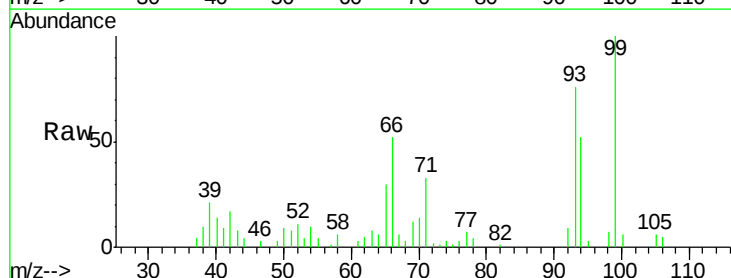
Tgt Ion: 93 Resp: 39138

Ion Ratio Lower Upper

93 100

66 68.4 51.6 77.4

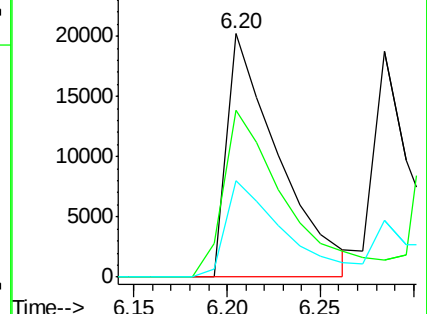
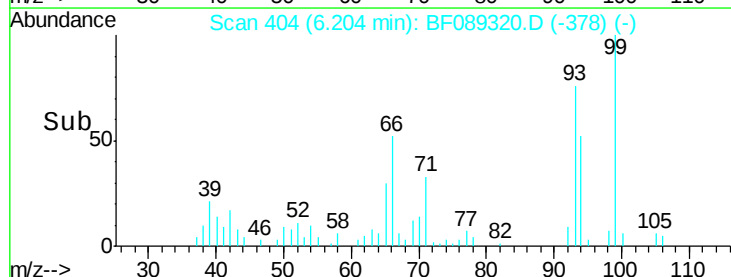
65 39.7 24.7 37.1#

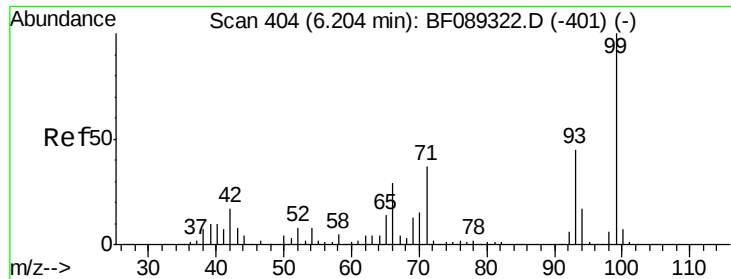


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 21.10 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

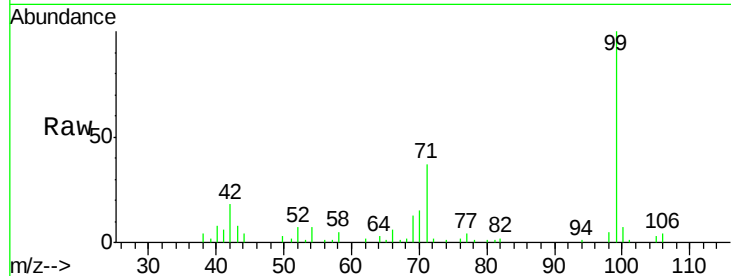
Tot Ion: 99 Resp: 75904

Ion Ratio Lower Upper

99 100

42 17.6 13.6 20.4

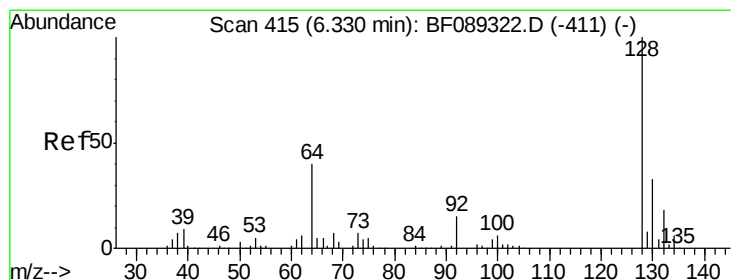
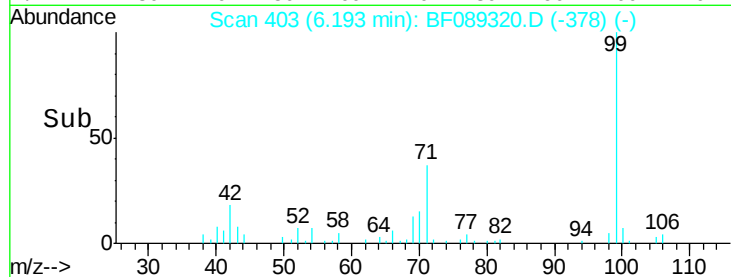
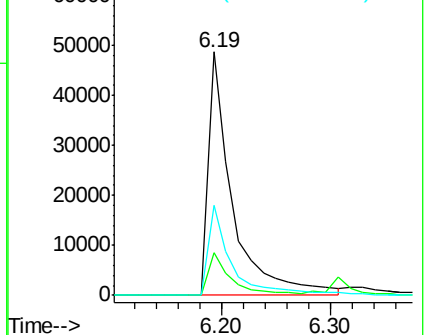
71 37.1 29.4 44.2



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: 10.17 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

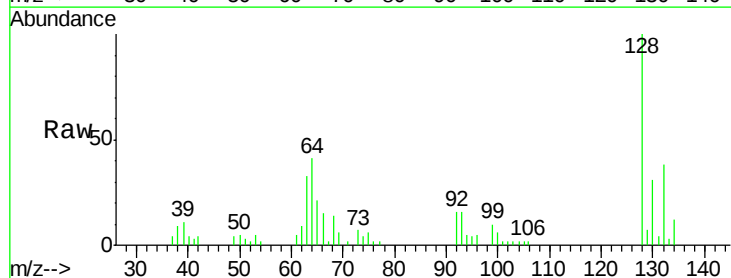
Tgt Ion: 128 Resp: 31576

Ion Ratio Lower Upper

128 100

130 31.4 12.6 52.6

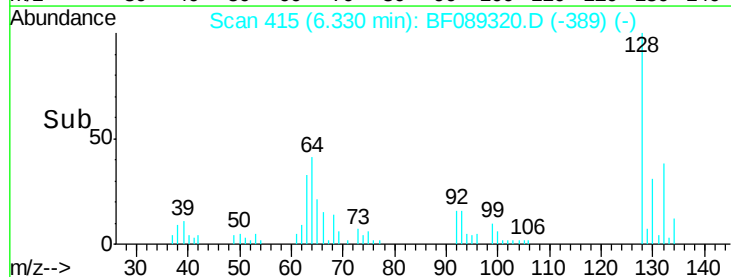
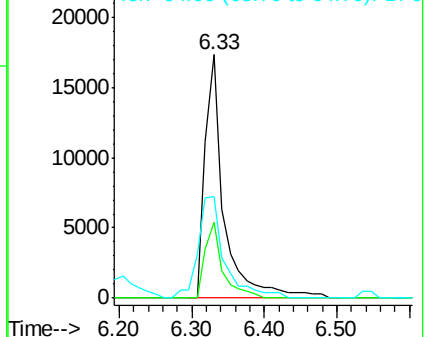
64 41.5 22.1 62.1

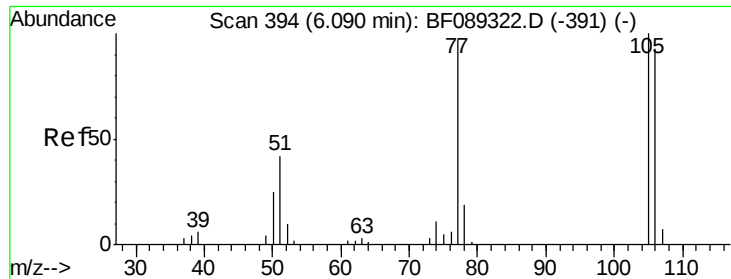


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

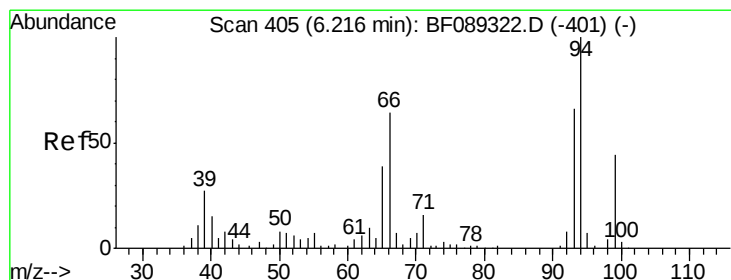
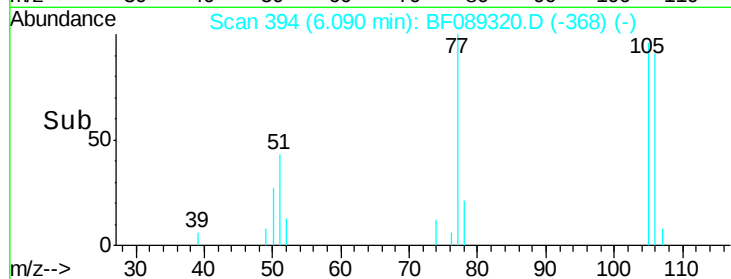
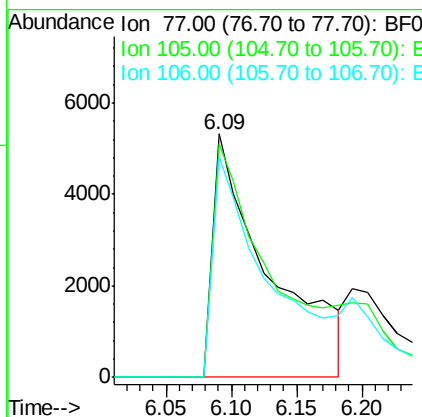
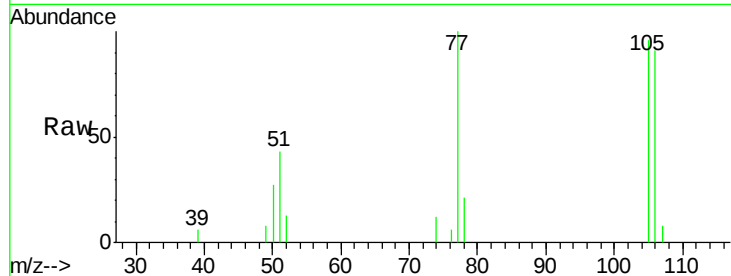




#9
Benzaldehydve
Concen: 8.46 ng
RT: 6.09 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

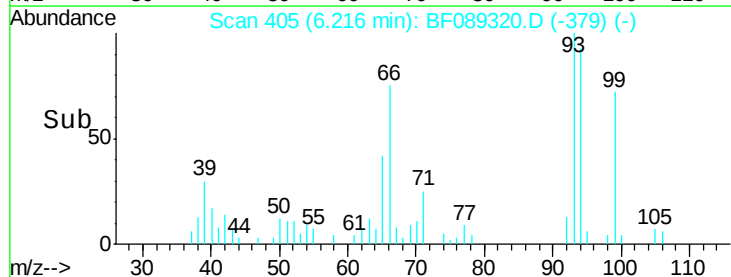
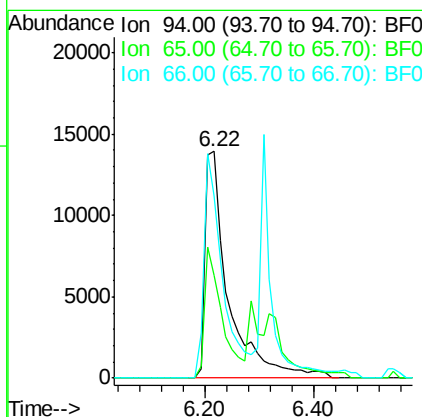
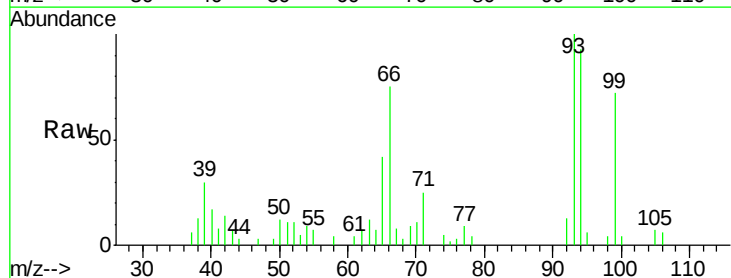
Instrument :
BNA_F
ClientSampleId :

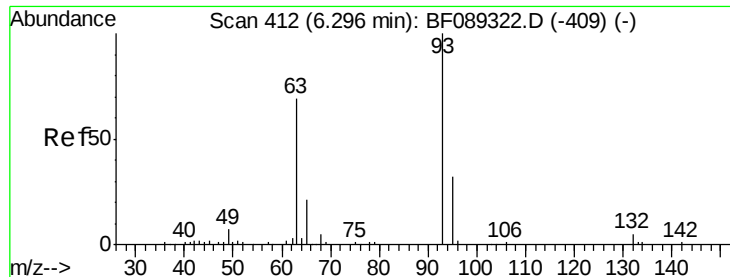
Tot Ion: 77 Resp: 15999
Ion Ratio Lower Upper
77 100
105 95.9 82.9 122.9
106 90.8 75.9 115.9



#10
Phenol
Concen: 10.11 ng
RT: 6.22 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion: 94 Resp: 41638
Ion Ratio Lower Upper
94 100
65 45.1 19.1 59.1
66 80.2 44.4 84.4

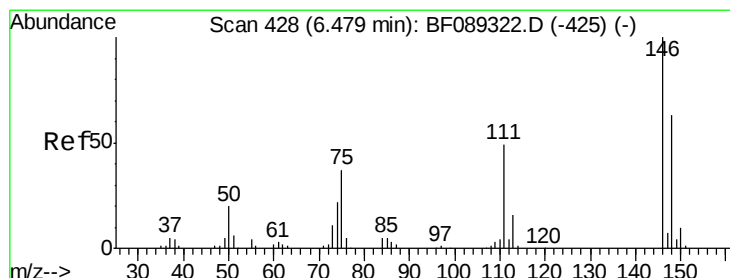
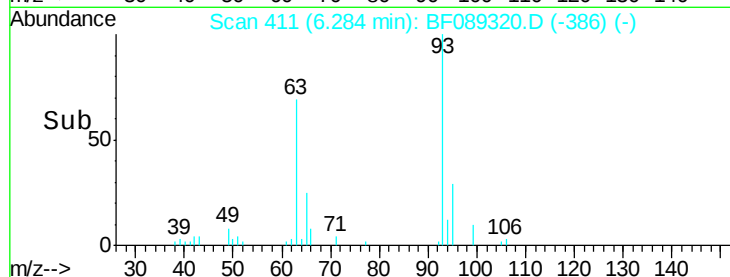
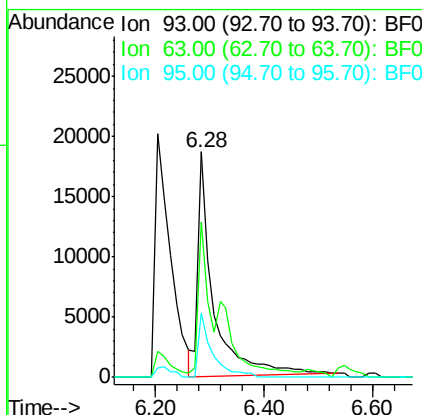
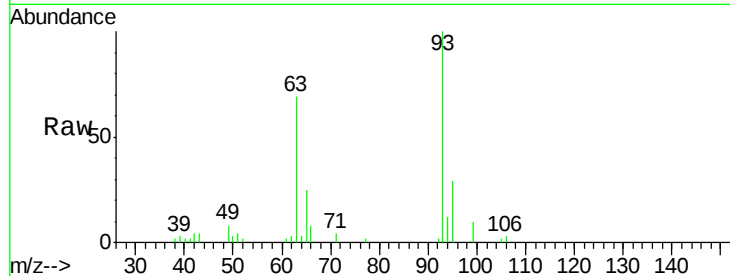




#11
bis(2-Chloroethyl)ether
Concen: 11.77 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

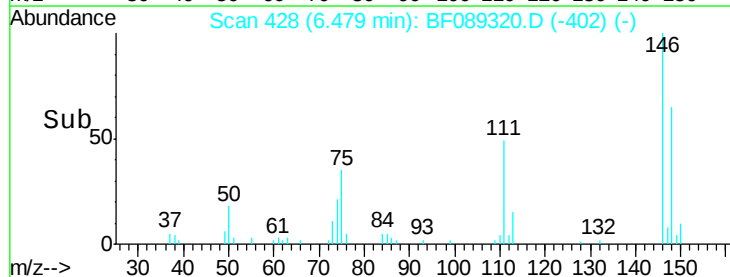
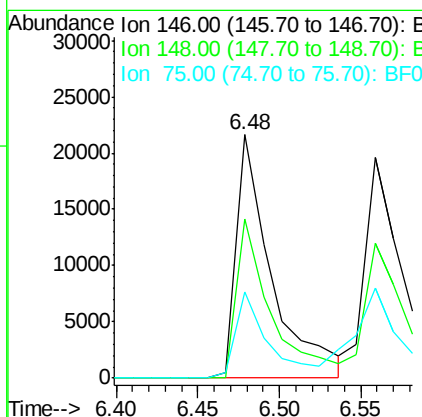
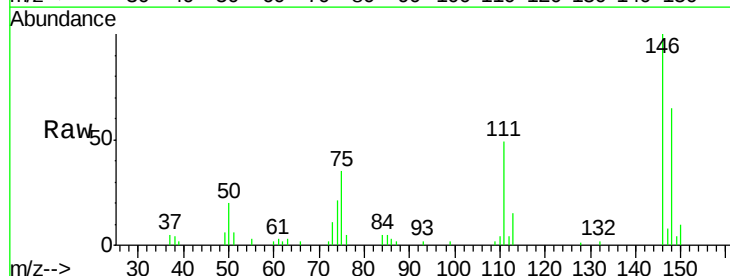
Instrument :
BNA_F
ClientSampled :

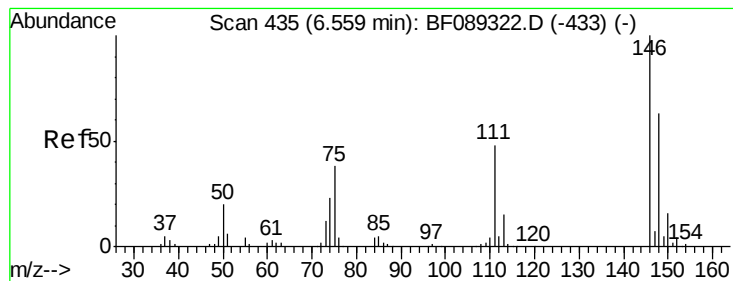
Tot Ion	93	Resp	36592
Ion Ratio	Lower	Upper	
93	100		
63	69.0	45.6	85.6
95	28.7	11.1	51.1



#12
1,3-Dichlorobenzene
Concen: 9.51 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion	146	Resp	32412
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.5	75.7
75	35.4	30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 10.22 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampled :

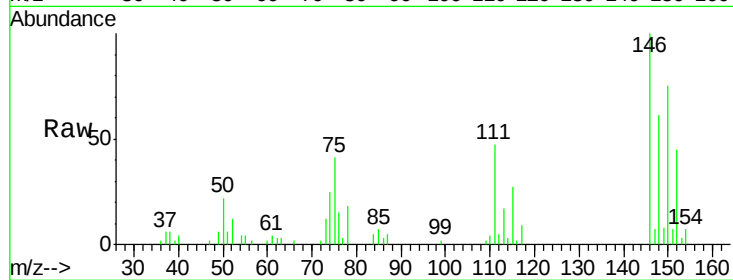
Tot Ion:146 Resp: 35480

Ion Ratio Lower Upper

146 100

148 60.9 50.8 76.2

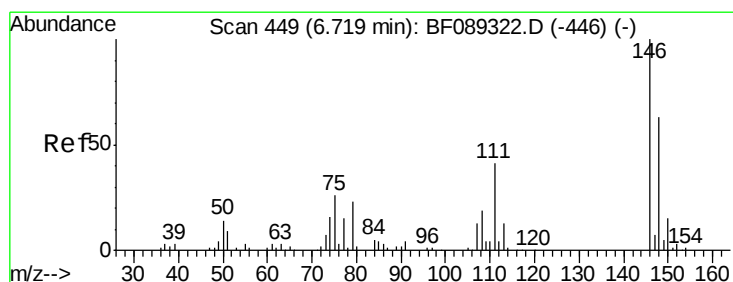
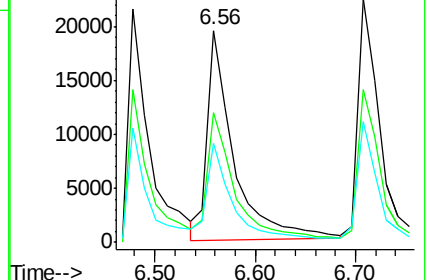
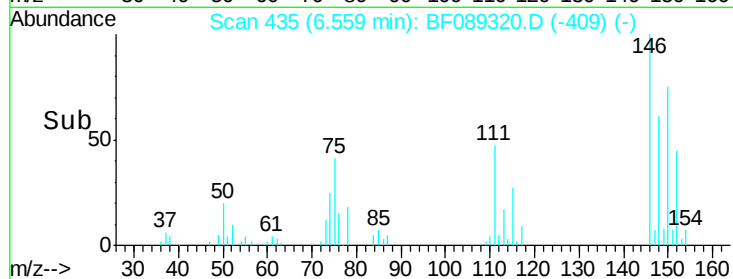
111 46.8 38.6 57.8



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: 11.73 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.16 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

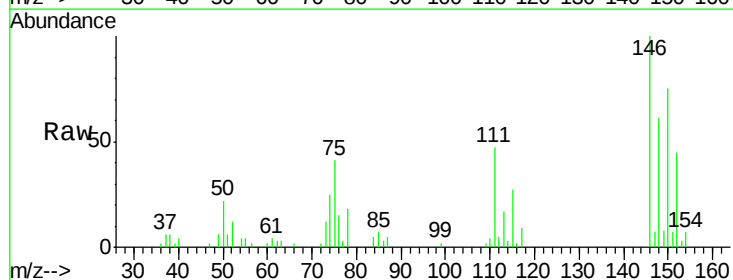
Tgt Ion:146 Resp: 37793

Ion Ratio Lower Upper

146 100

148 60.9 50.4 75.6

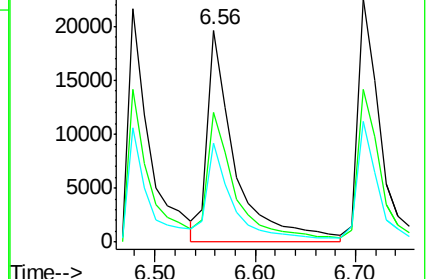
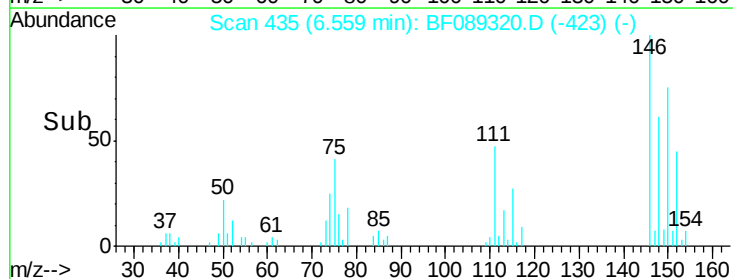
111 46.8 33.0 49.4

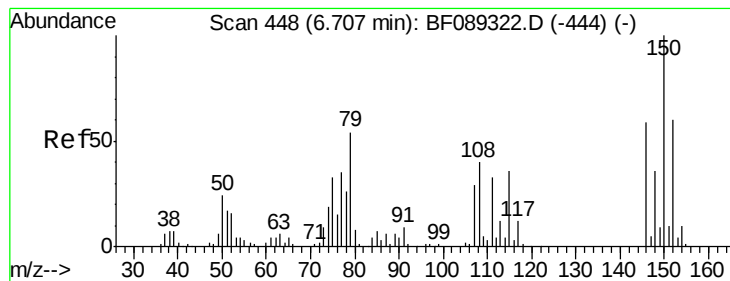


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 7.28 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :
BNA_F
ClientSampleId :

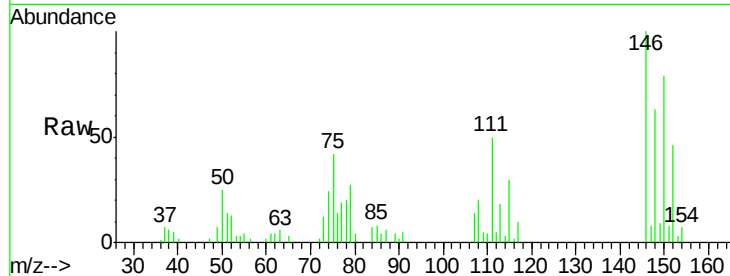
Tot Ion: 79 Resp: 18611

Ion Ratio Lower Upper

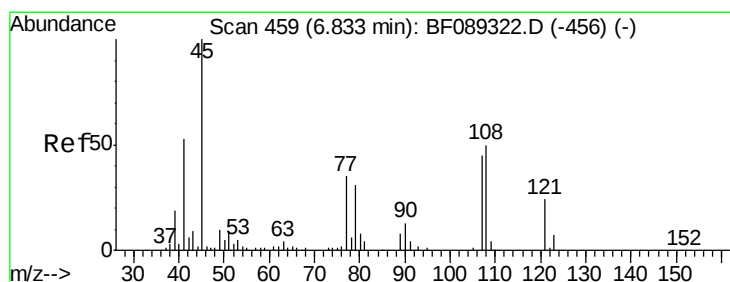
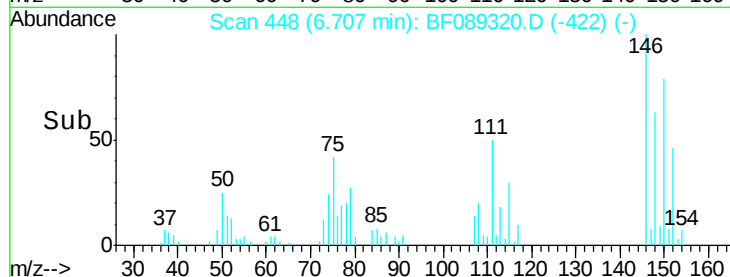
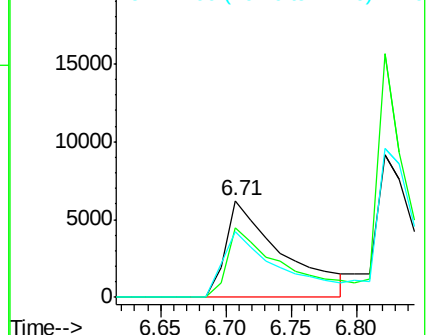
79 100

108 72.6 59.8 89.6

77 68.3 51.7 77.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.46 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

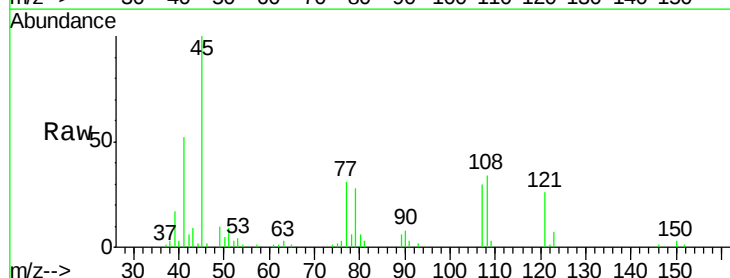
Tgt Ion: 45 Resp: 37206

Ion Ratio Lower Upper

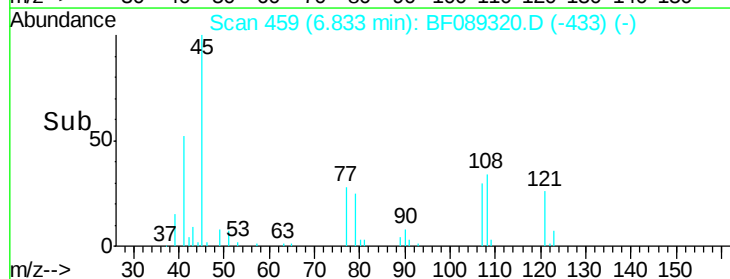
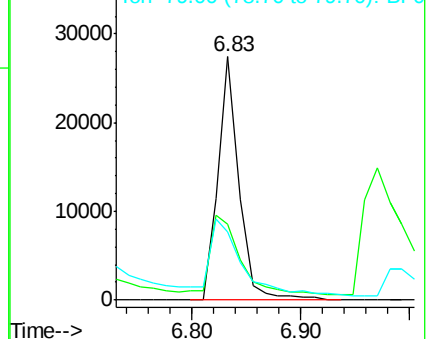
45 100

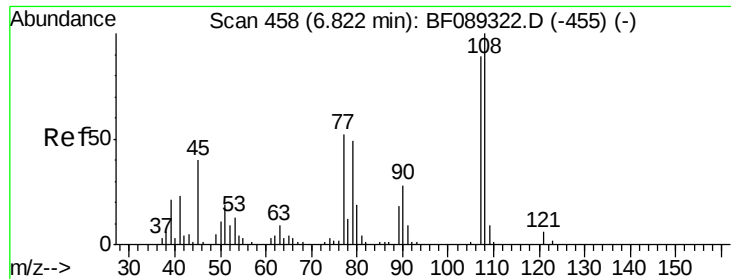
77 31.1 17.3 57.3

79 27.8 13.9 53.9



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

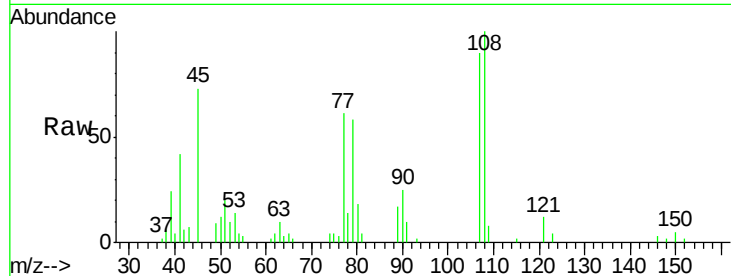




#17
2-Methylphenol
Concen: 9.70 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	91.4	137.0
77	67.9	48.6	73.0
79	64.7	48.2	72.4



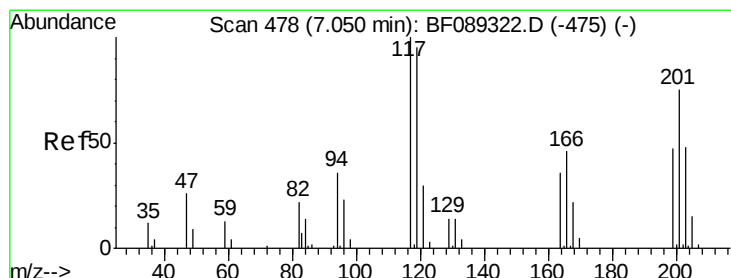
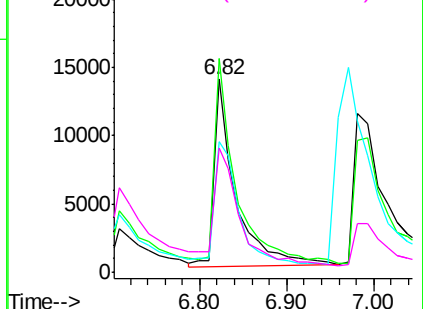
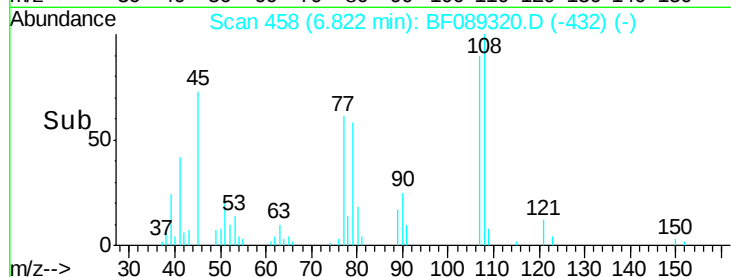
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

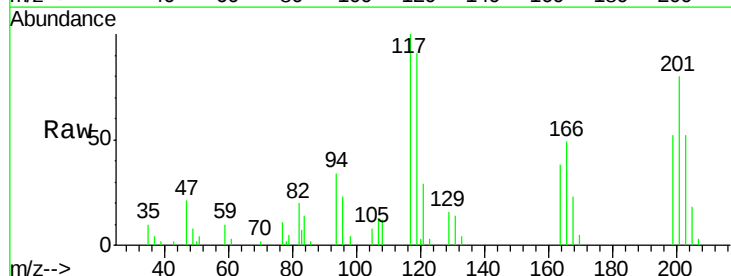
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 11.44 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.7	76.0	114.0
201	79.9	60.0	90.0

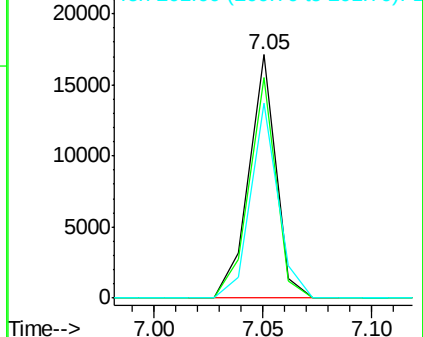
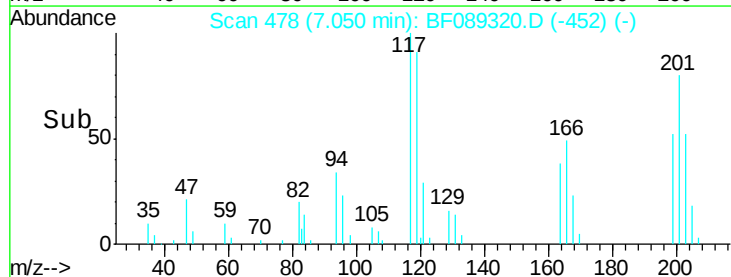


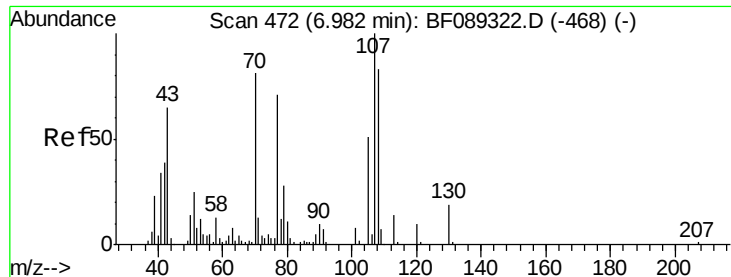
Abundance

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

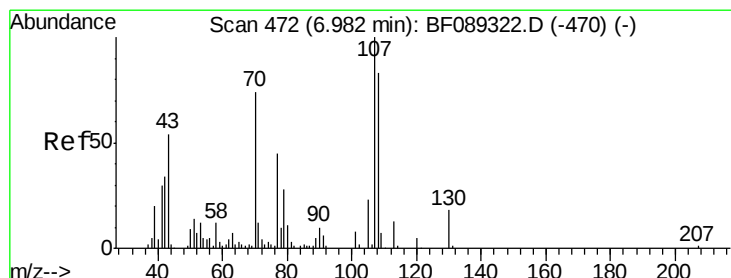
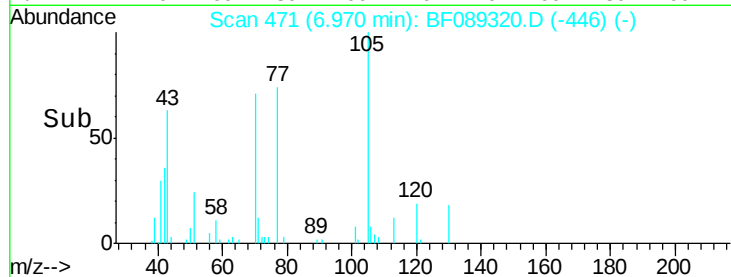
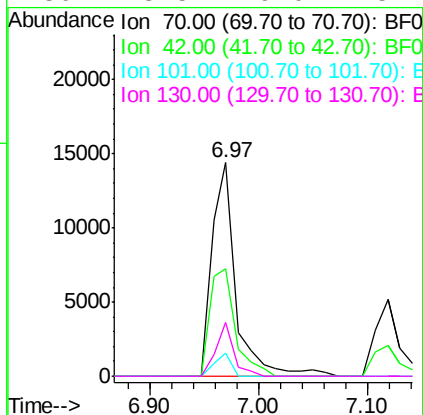
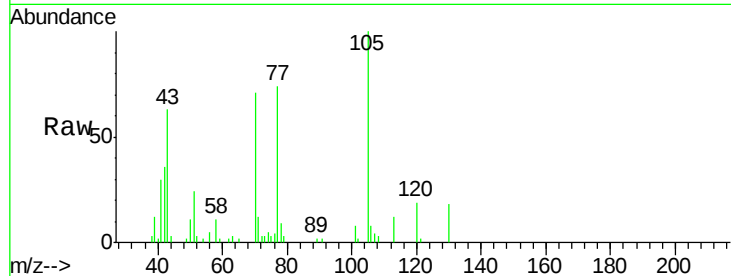




#19
n-Nitroso-di-n-propylamine
Concen: 9.59 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

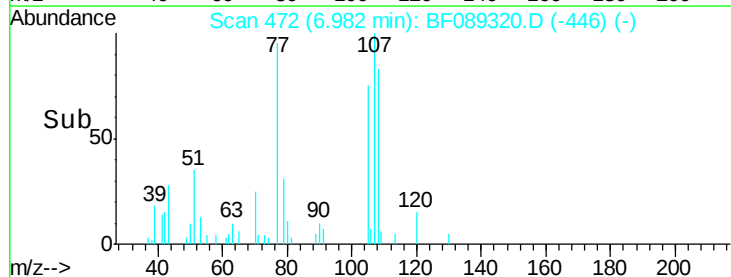
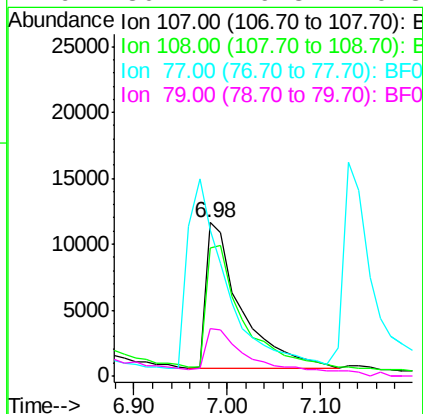
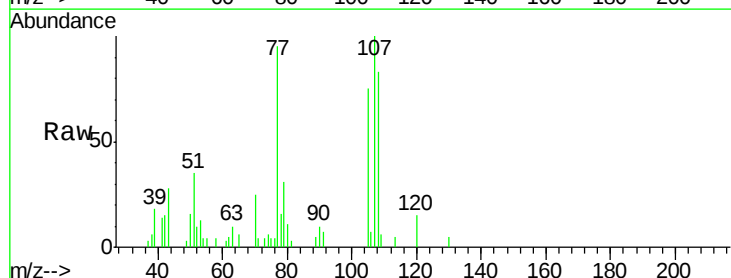
Instrument :
BNA_F
ClientSampleId :

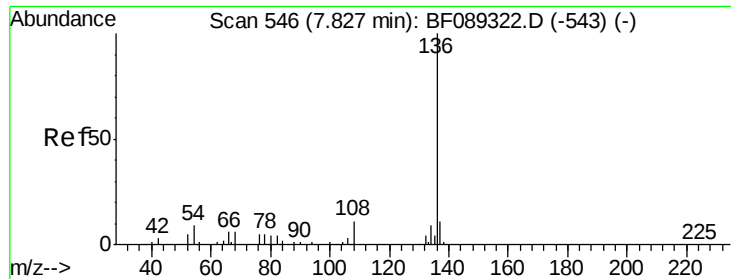
Tot Ion:	70	Resp:	22153
Ion	Ratio	Lower	Upper
70	100		
42	50.1	38.6	57.8
101	10.8	8.3	12.5
130	25.5	19.0	28.4



#20
3+4-Methylphenols
Concen: 8.83 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion:	107	Resp:	28834
Ion	Ratio	Lower	Upper
107	100		
108	83.3	63.3	103.3
77	95.2	51.1	91.1#
79	30.7	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: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 191687

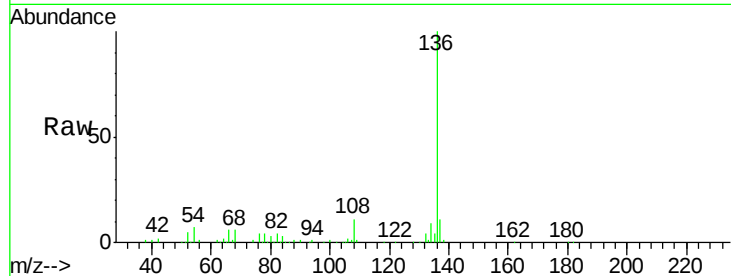
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.5 7.0 10.4

68 5.7 4.9 7.3

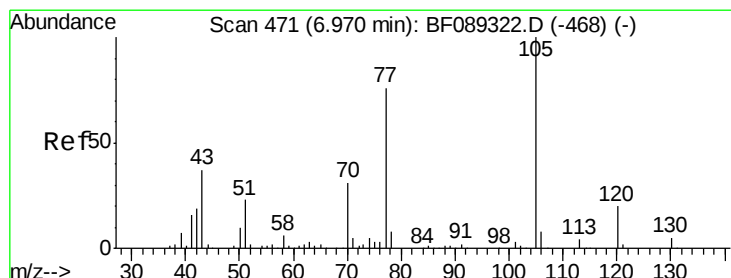
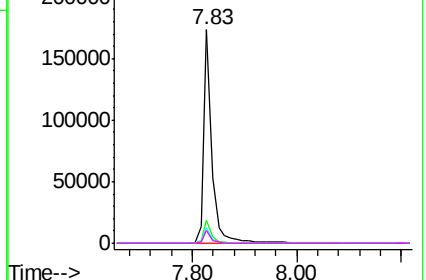
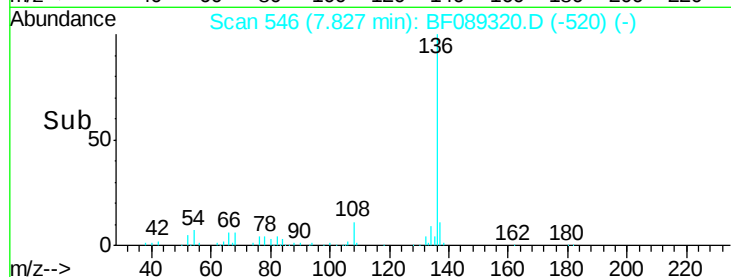


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 9.23 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Tgt Ion:105 Resp: 46423

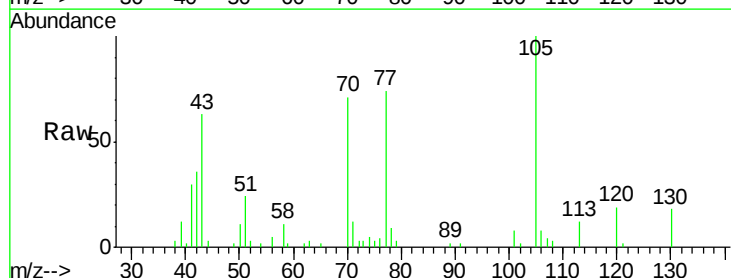
Ion Ratio Lower Upper

105 100

71 11.6 4.2 6.2#

51 23.7 18.7 28.1

120 19.4 15.8 23.6

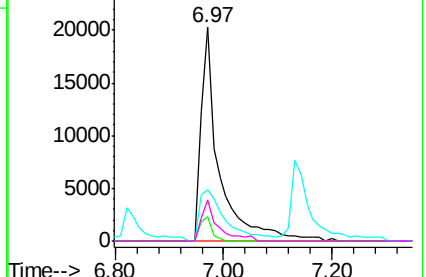
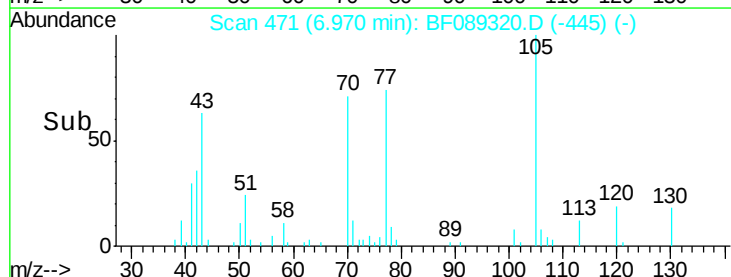


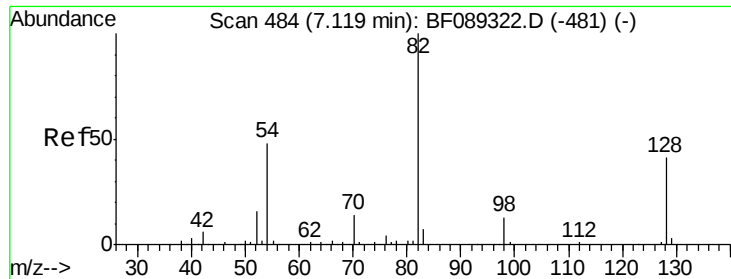
Abundance Ion 105.00 (104.70 to 105.70): E

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

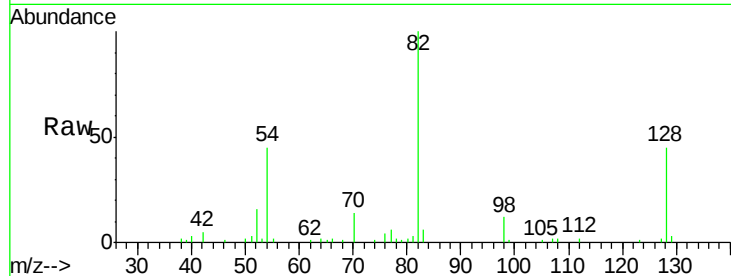




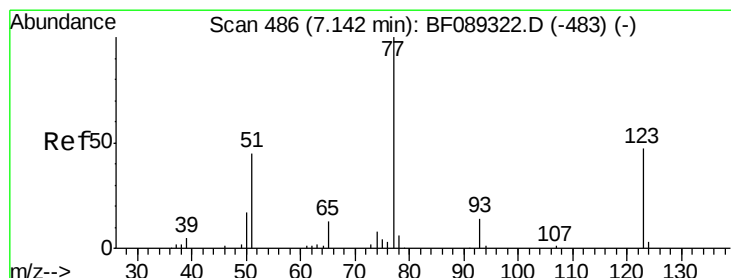
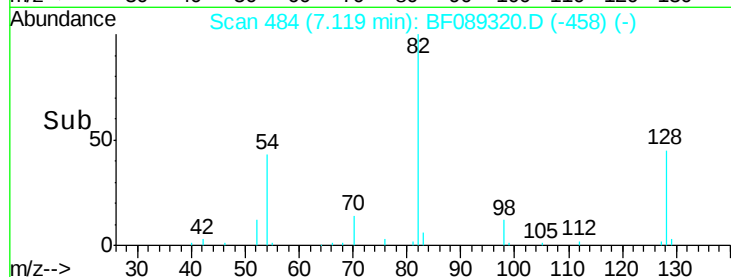
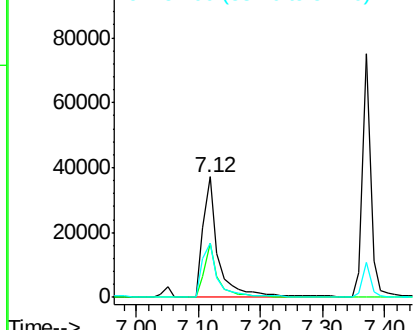
#23
Nitrobenzene-d5
Concen: 18.17 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	65085
Ion Ratio	100	Lower	Upper
128	44.7	32.5	48.7
54	44.9	38.8	58.2

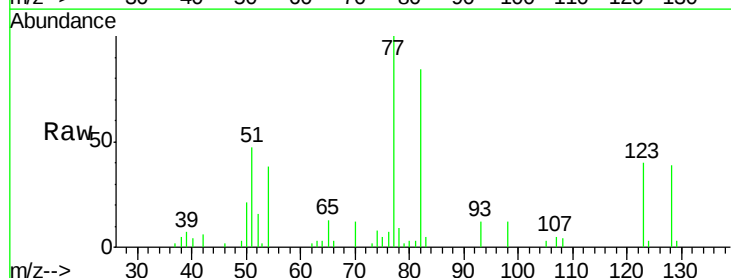


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

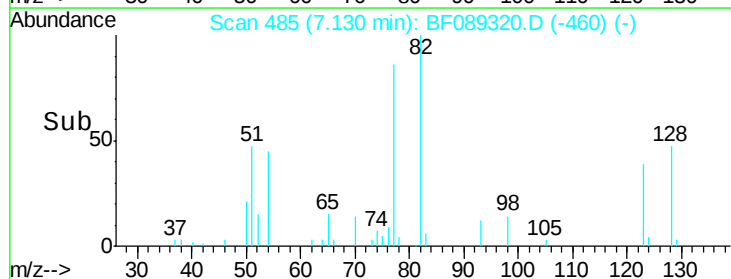
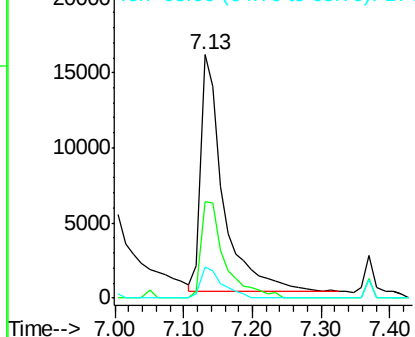


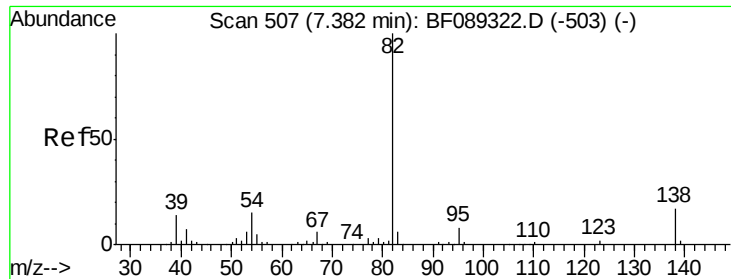
#24
Nitrobenzene
Concen: 9.59 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion	77	Resp	36081
Ion Ratio	100	Lower	Upper
123	39.8	37.2	55.8
65	12.9	10.2	15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0

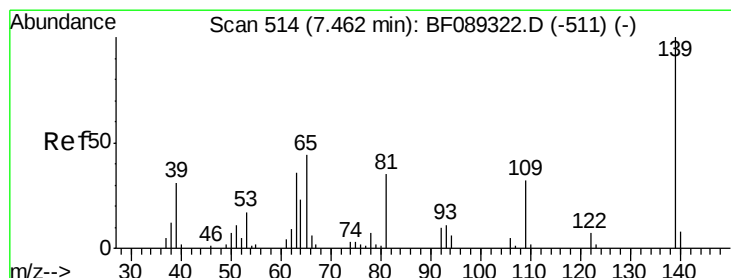
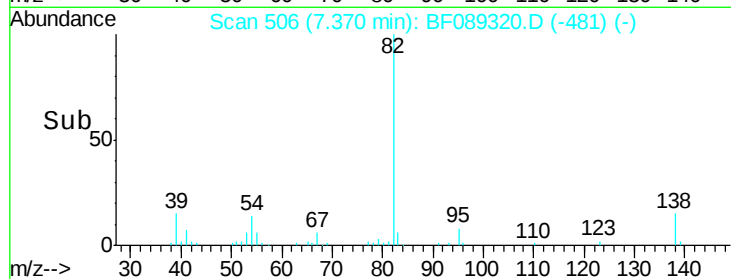
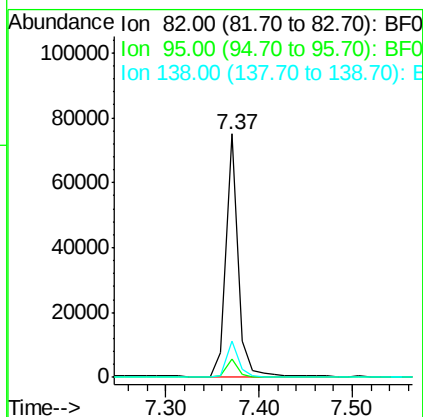
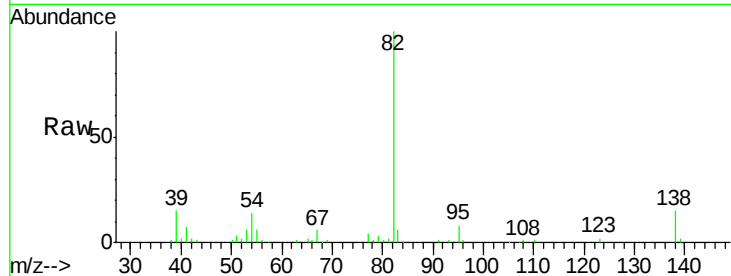




#25
Isophorone
Concen: 10.47 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

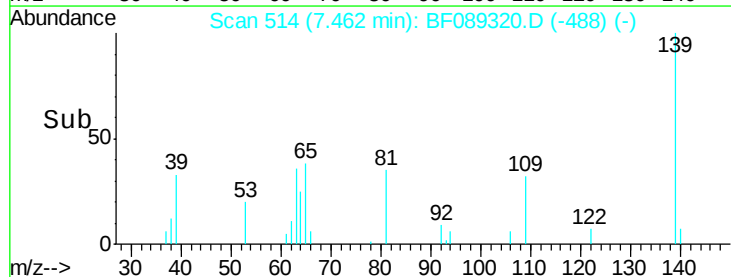
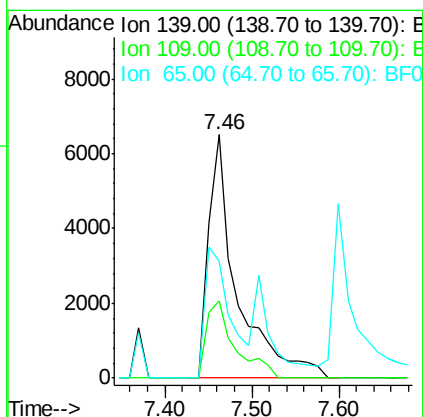
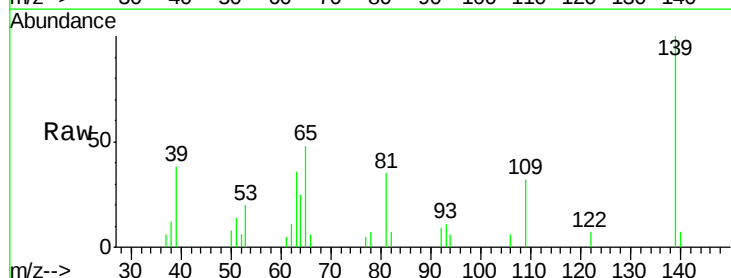
Instrument :
BNA_F
ClientSampleId :

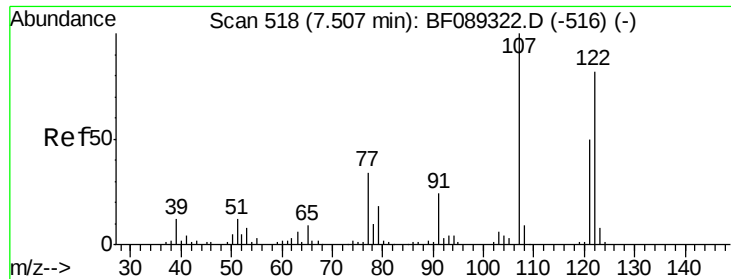
Tot Ion: 82 Resp: 69218
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 15.0 13.3 19.9



#26
2-Nitrophenol
Concen: 8.48 ng
RT: 7.46 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion: 139 Resp: 14926
Ion Ratio Lower Upper
139 100
109 31.7 25.8 38.8
65 48.2 35.2 52.8

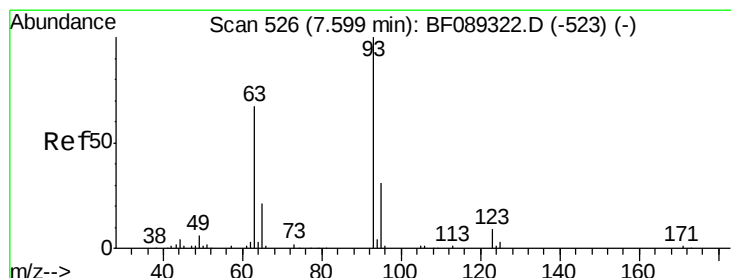
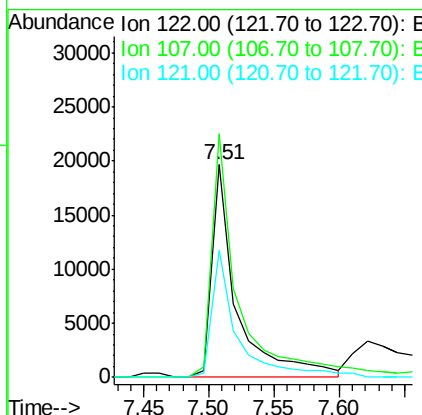
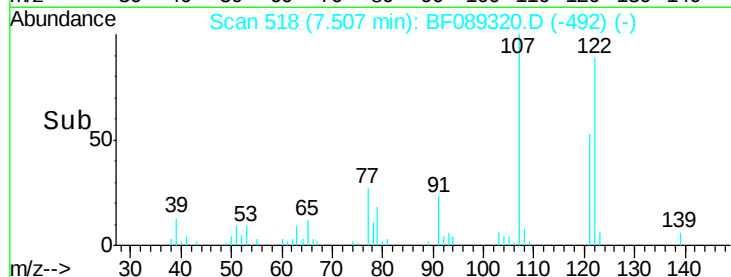
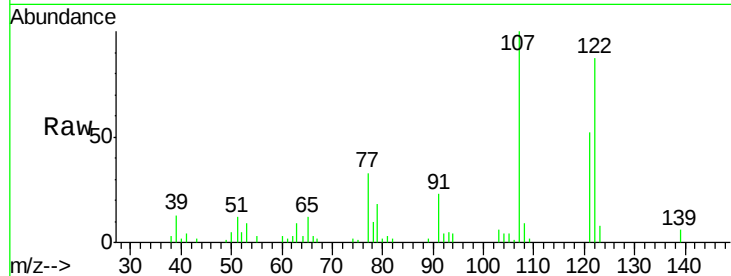




#27
 2,4-Dimethylphenol
 Concen: 8.93 ng
 RT: 7.51 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

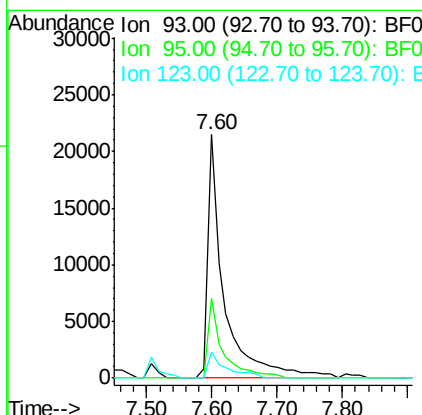
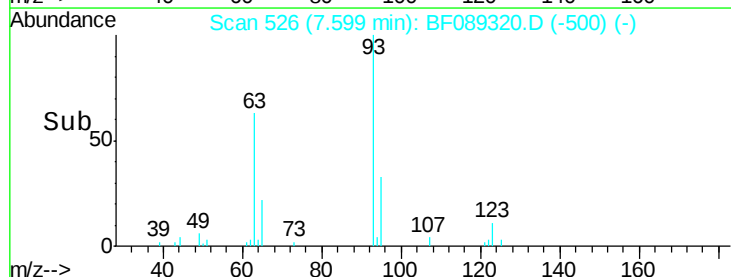
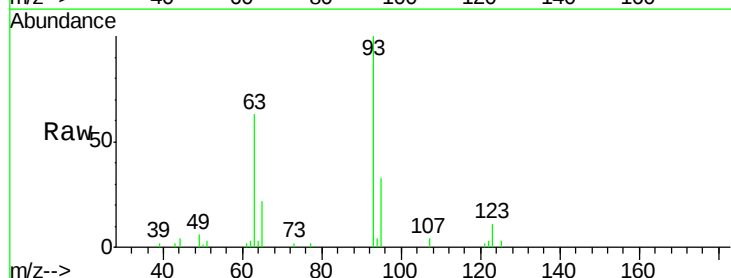
Instrument :
 BNA_F
 ClientSampled :

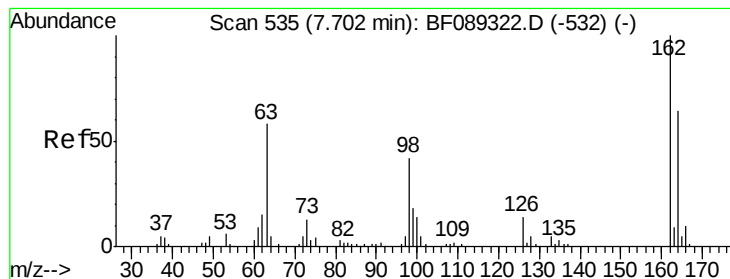
Tot Ion:122 Resp: 26478
 Ion Ratio Lower Upper
 122 100
 107 114.6 97.2 145.8
 121 59.8 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.16 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

Tgt Ion: 93 Resp: 37188
 Ion Ratio Lower Upper
 93 100
 95 32.9 24.7 37.1
 123 10.5 7.5 11.3





#29

2,4-Dichlorophenol

Concen: 9.01 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

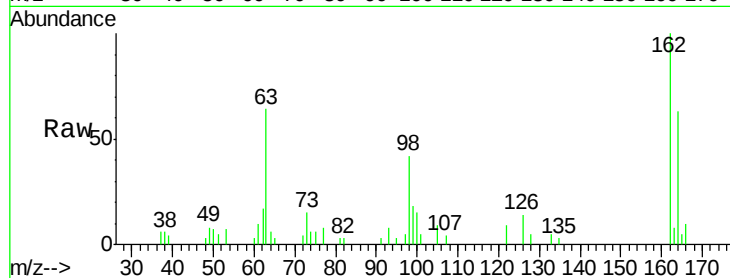
Tot Ion:162 Resp: 24117

Ion Ratio Lower Upper

162 100

164 63.0 44.0 84.0

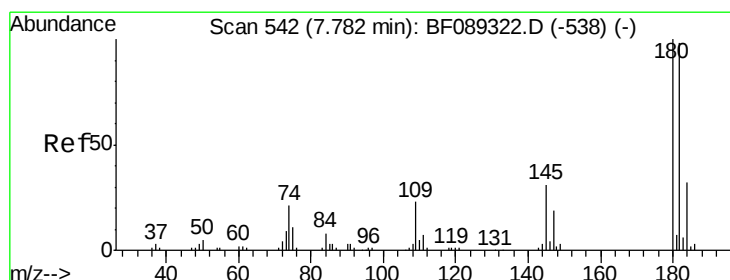
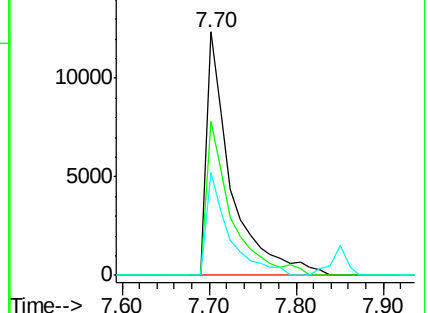
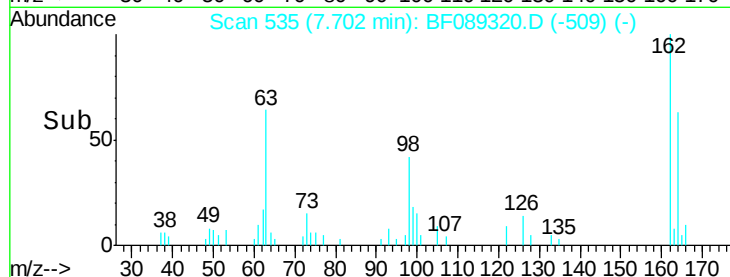
98 42.1 21.8 61.8



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: 9.16 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

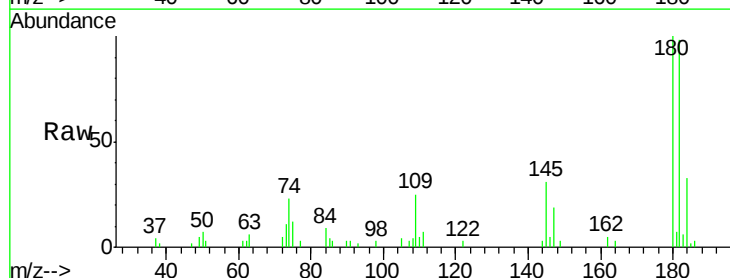
Tgt Ion:180 Resp: 27048

Ion Ratio Lower Upper

180 100

182 98.1 78.2 117.2

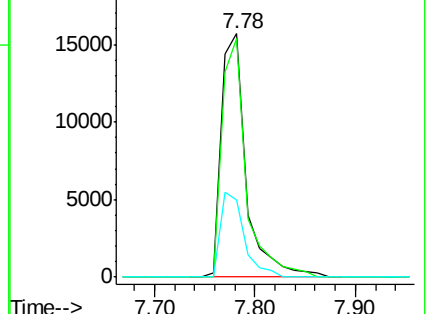
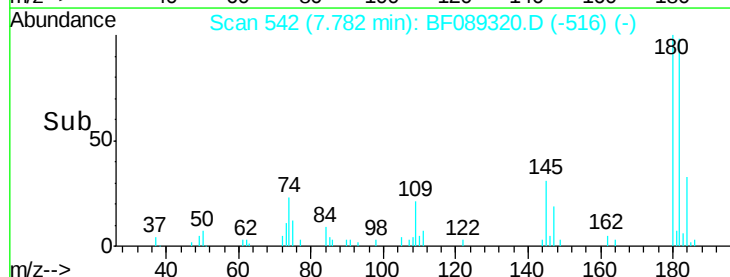
145 31.5 24.6 36.8

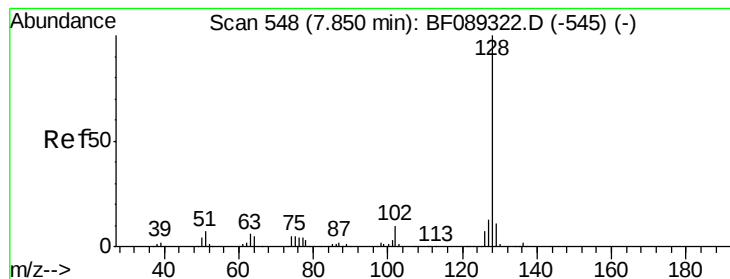


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 10.23 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampled :

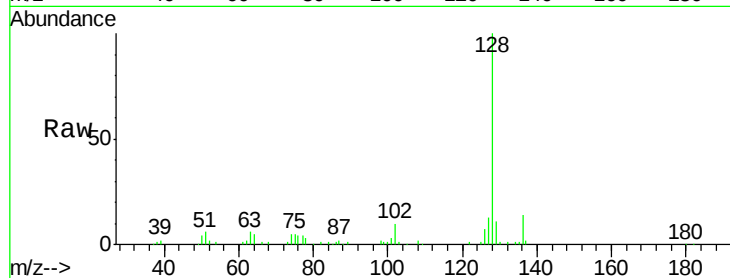
Tot Ion:128 Resp: 104896

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

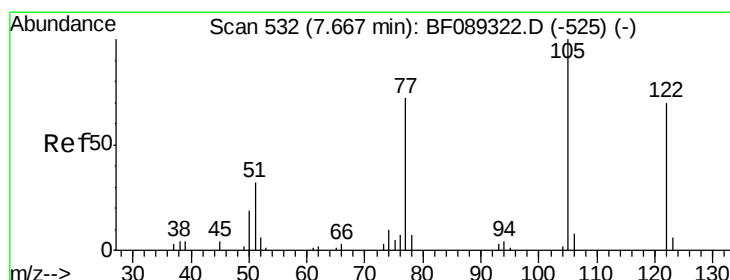
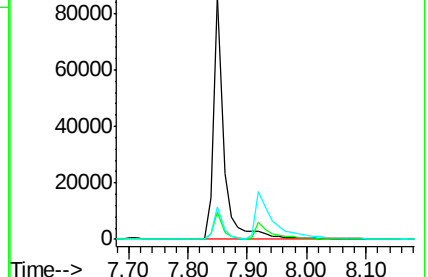
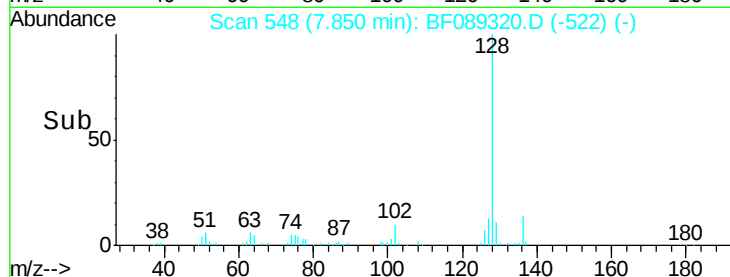
127 13.2 10.8 16.2



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: 7.69 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

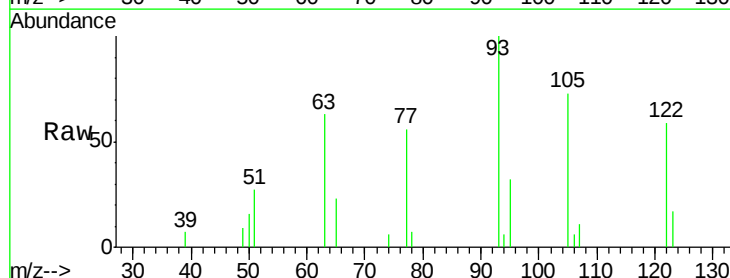
Tgt Ion:122 Resp: 16928

Ion Ratio Lower Upper

122 100

105 122.6 106.4 146.4

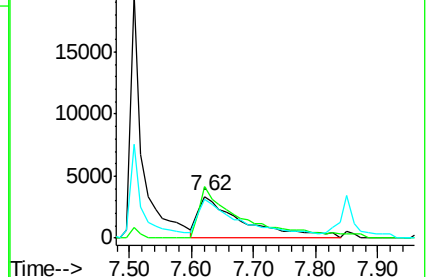
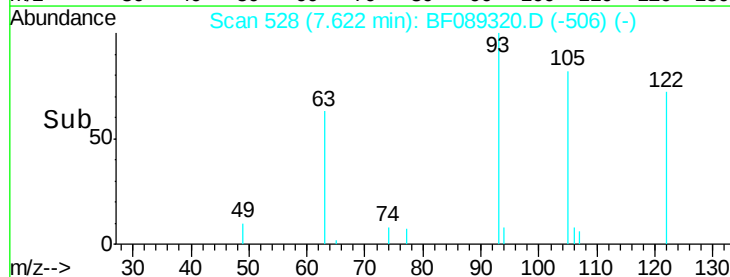
77 93.5 76.4 116.4

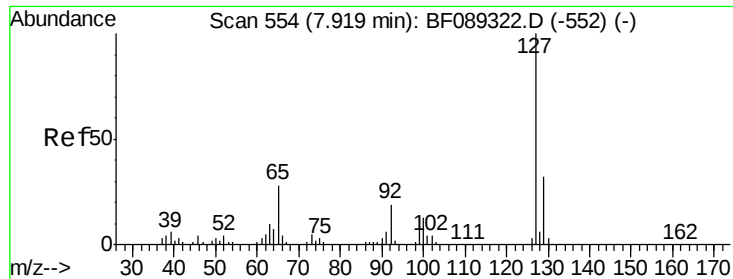


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

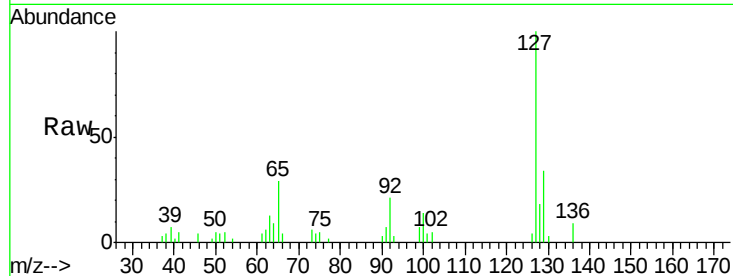




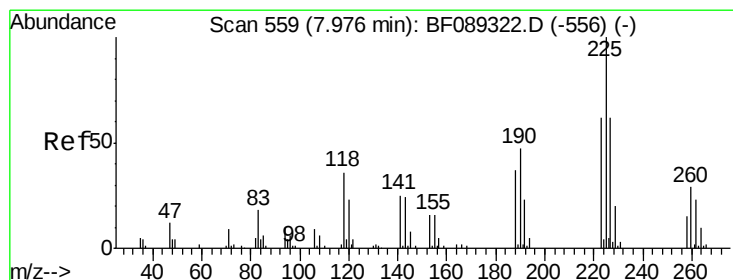
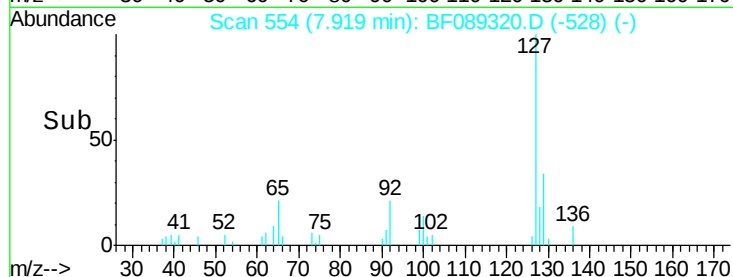
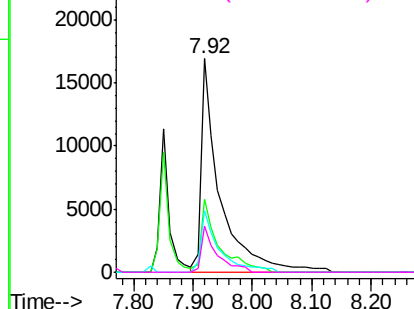
#33
4-Chloroaniline
Concen: 8.96 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	37927
Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.1	39.1
65	29.0	22.0	33.0
92	21.3	15.2	22.8

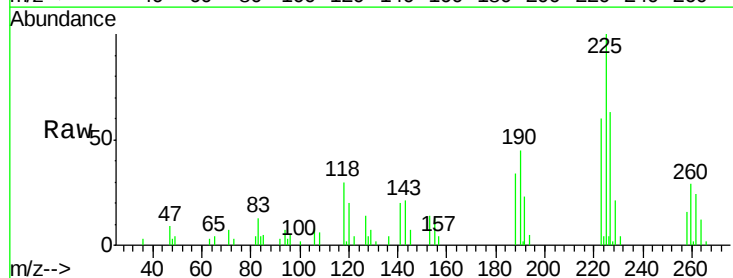


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

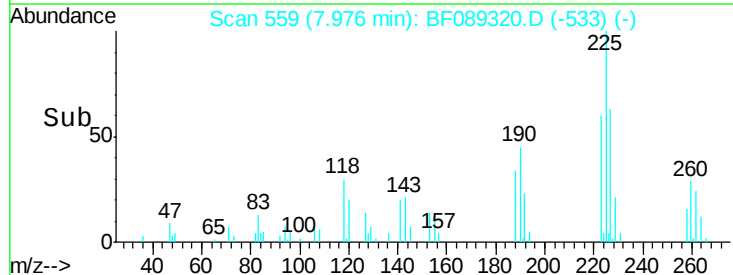
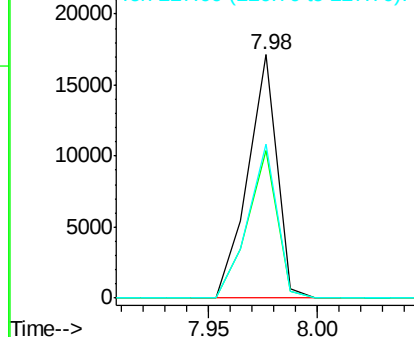


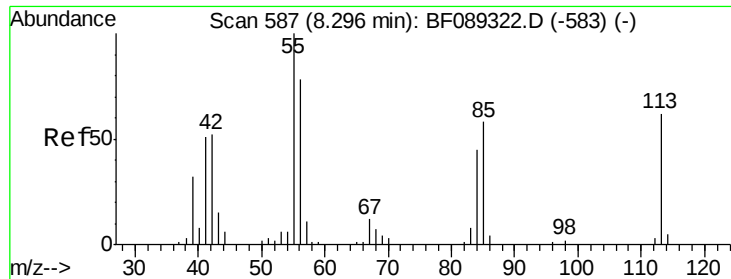
#34
Hexachlorobutadiene
Concen: 9.69 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion:	225	Resp:	15977
Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.8	74.8
227	63.0	49.4	74.2



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





#35

Caprolactam

Concen: 7.56 ng

RT: 8.25 min Scan# 583

Delta R.T. -0.05 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

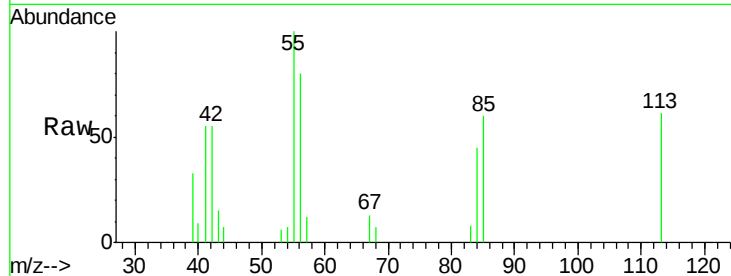
Tot Ion:113 Resp: 6217

Ion Ratio Lower Upper

113 100

55 164.0 142.3 182.3

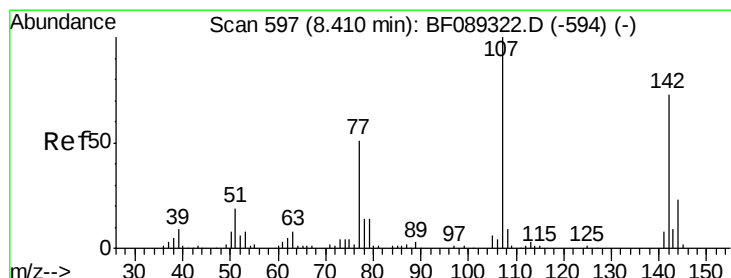
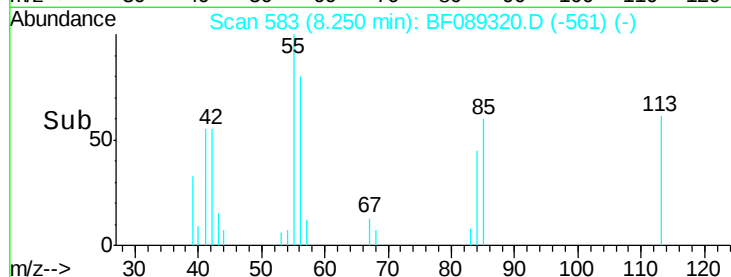
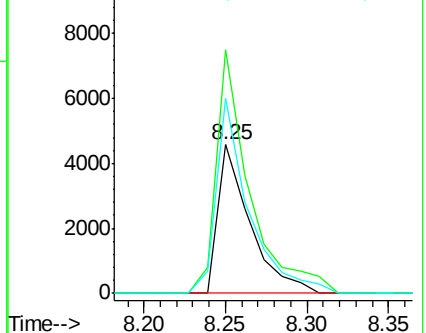
56 131.2 105.8 145.8



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: 8.50 ng

RT: 8.41 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

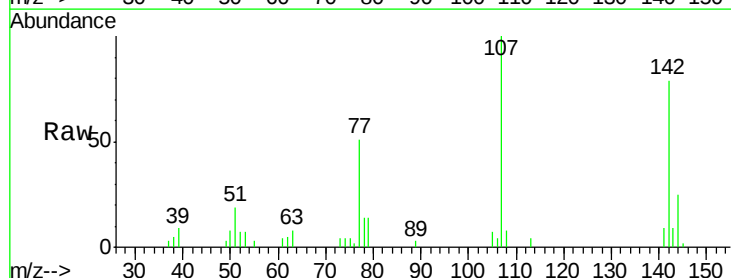
Tgt Ion:107 Resp: 27447

Ion Ratio Lower Upper

107 100

144 25.3 18.4 27.6

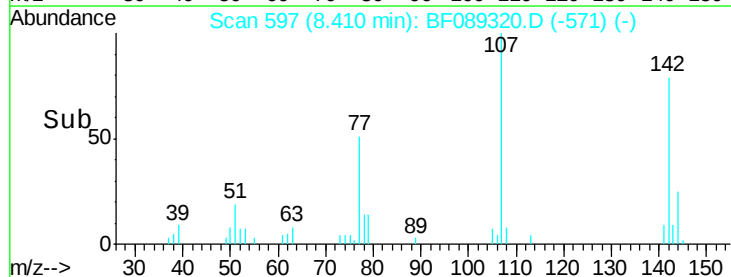
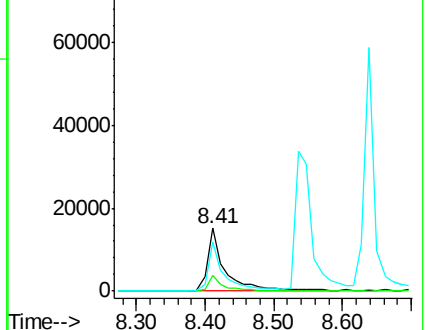
142 78.6 58.6 87.8

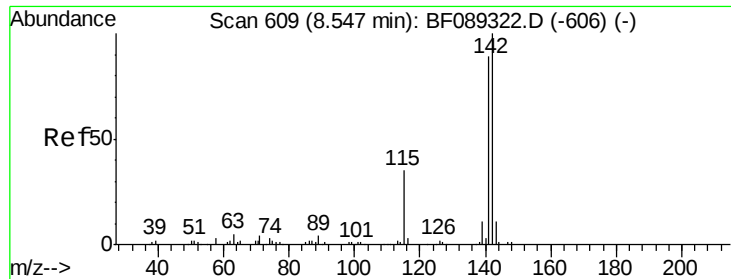


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

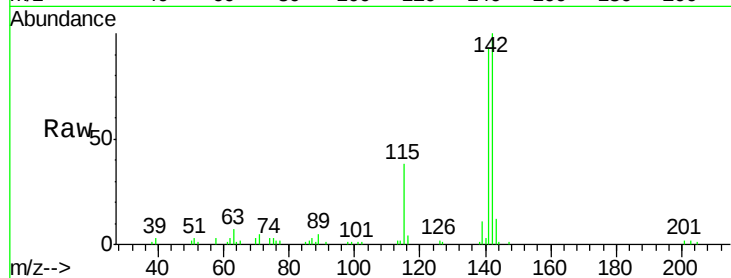




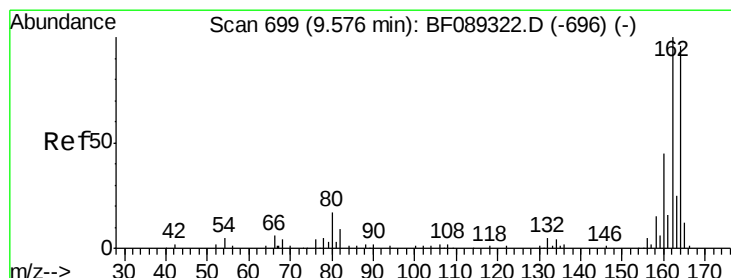
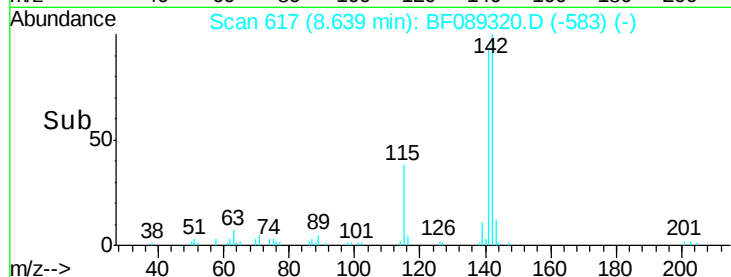
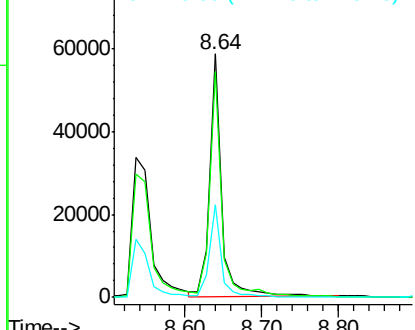
#37
2-Methylnaphthalene
Concen: 9.69 ng
RT: 8.64 min Scan# 617
Delta R.T. 0.09 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 62304
Ion Ratio Lower Upper
142 100
141 92.5 70.9 106.3
115 37.8 27.6 41.4

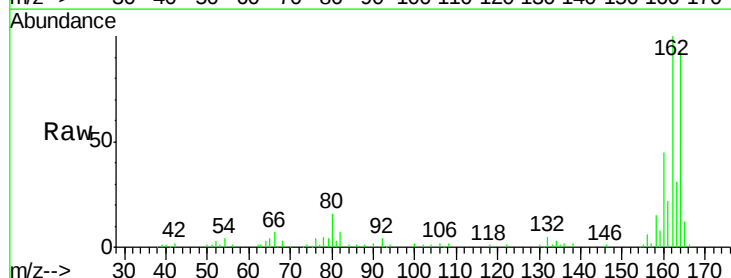


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

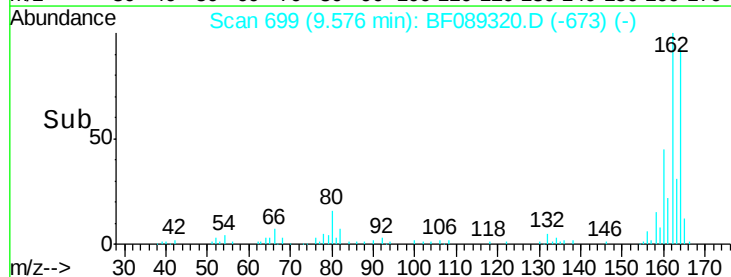
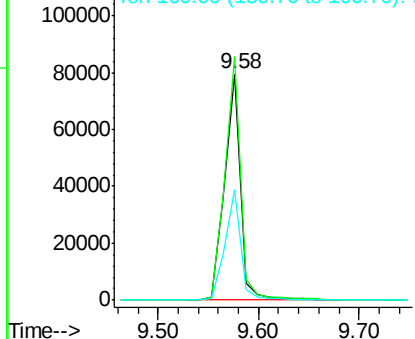


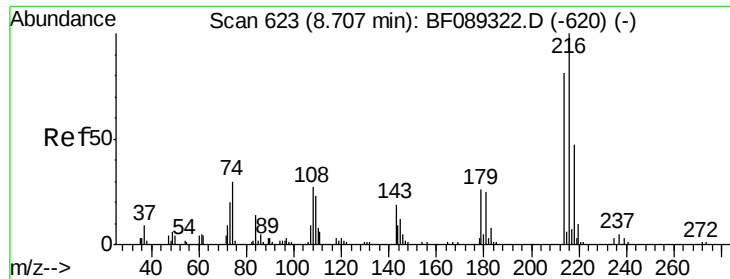
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion:164 Resp: 87304
Ion Ratio Lower Upper
164 100
162 107.8 83.7 125.5
160 48.9 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: 10.54 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 33908

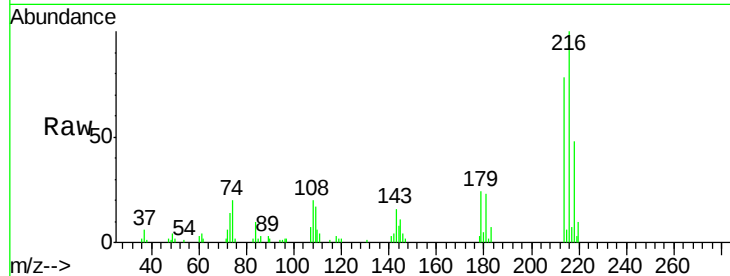
Ion Ratio Lower Upper

216 100

214 79.1 63.3 94.9

179 22.0 18.1 27.1

108 18.2 17.2 25.8

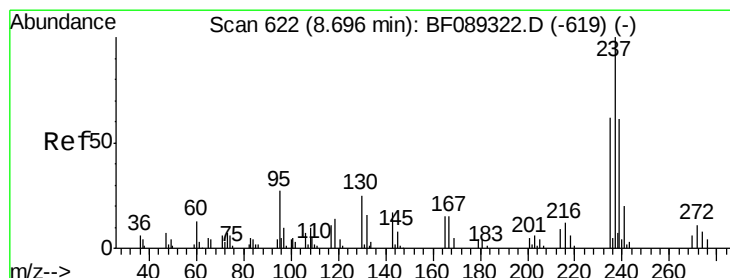
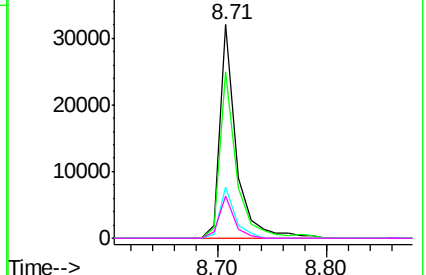
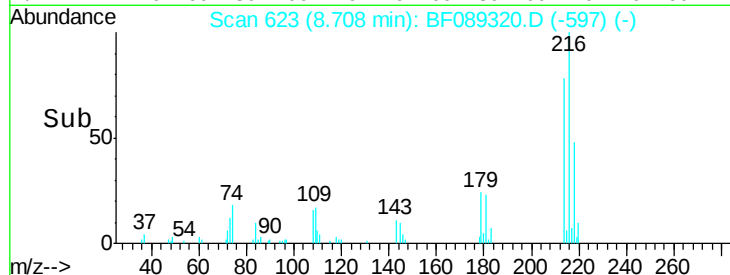


Abundance Ion 216.00 (215.70 to 216.70): E

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: 3.92 ng

RT: 8.70 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

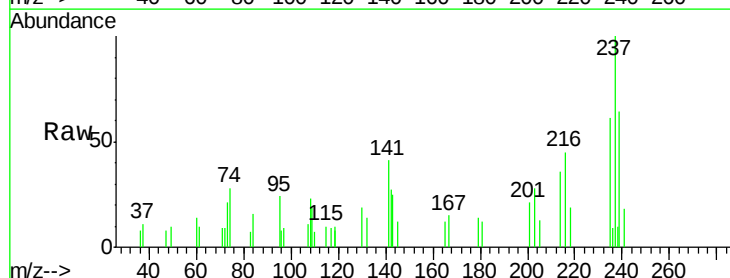
Tgt Ion:237 Resp: 3297

Ion Ratio Lower Upper

237 100

235 60.8 41.6 81.6

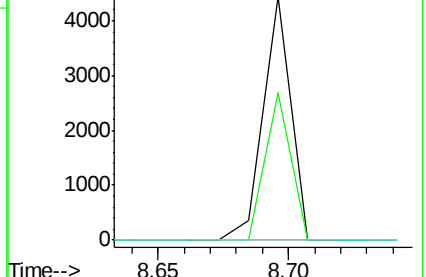
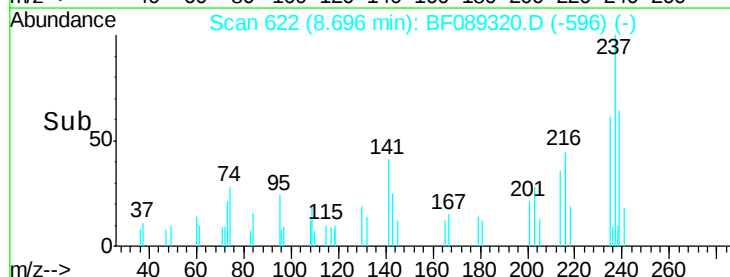
272 0.0 0.0 30.8

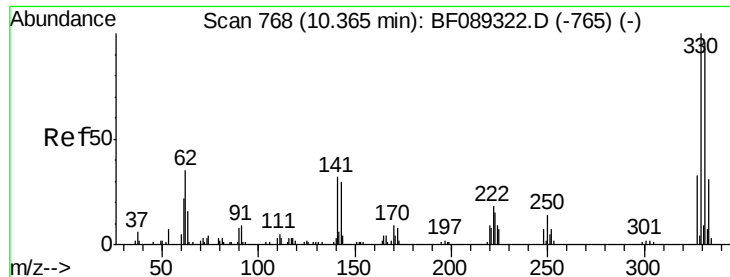


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

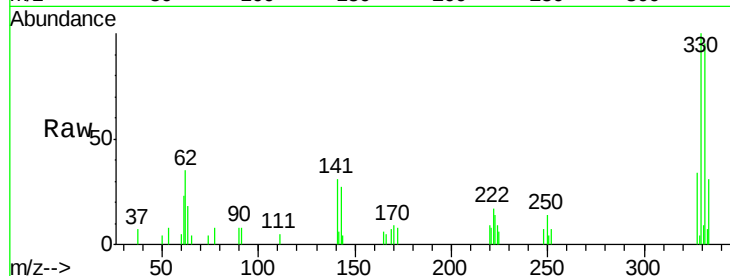




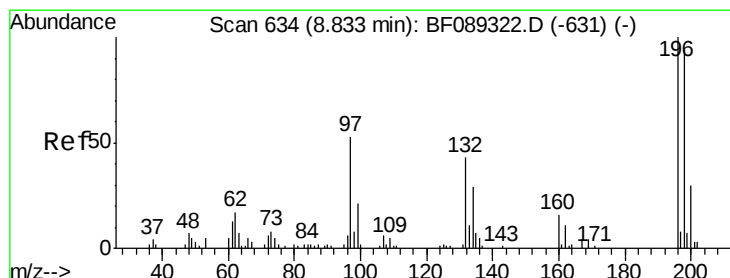
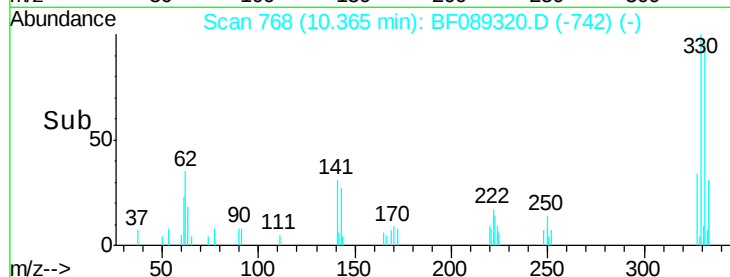
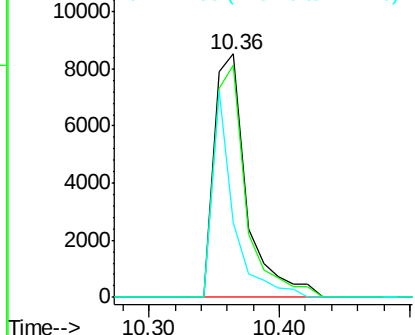
#41
 2,4,6-Tribromophenol
 Concen: 18.87 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 14847
 Ion Ratio Lower Upper
 330 100
 332 92.7 76.8 115.2
 141 55.0 37.3 55.9

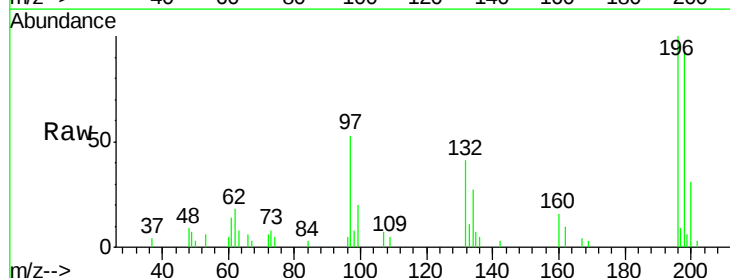


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

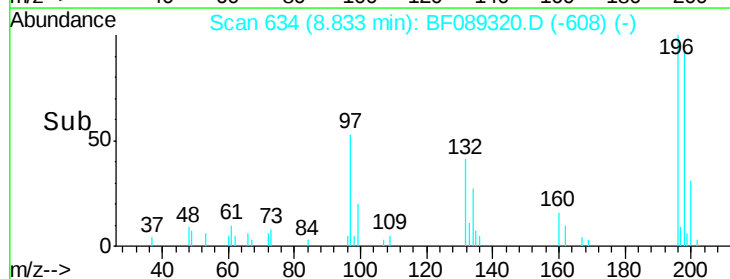
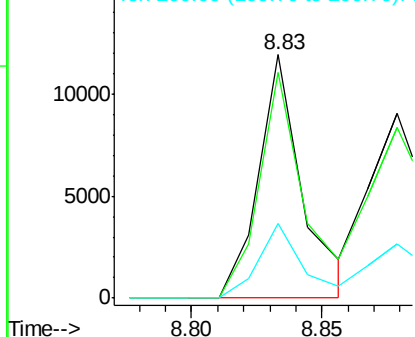


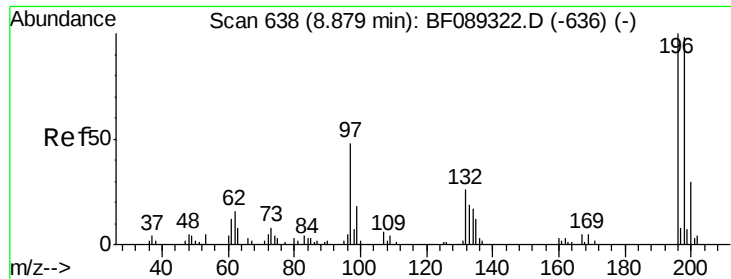
#42
 2,4,6-Trichlorophenol
 Concen: 7.96 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

Tgt Ion:196 Resp: 13999
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.5 113.3
 200 30.5 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

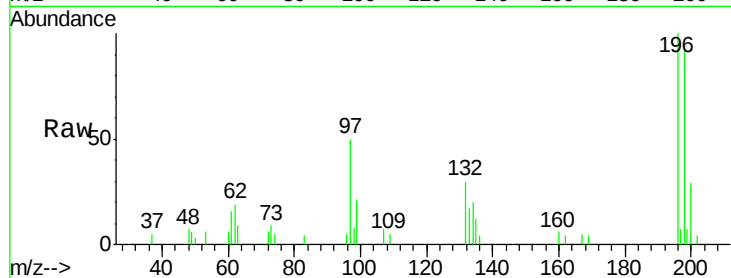




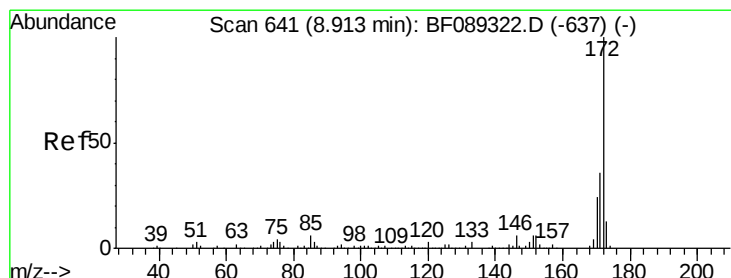
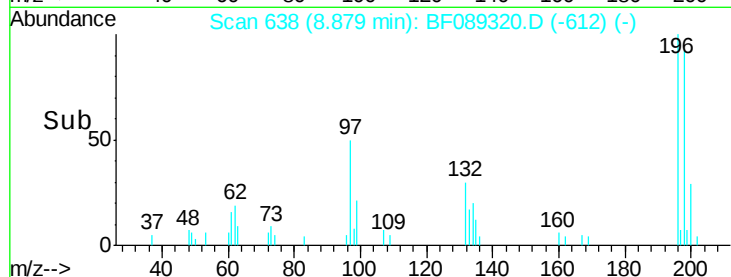
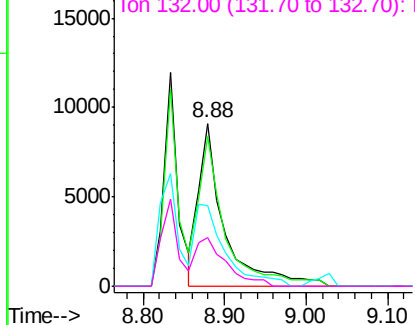
#43
 2,4,5-Trichlorophenol
 Concen: 11.21 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 20200
 Ion Ratio Lower Upper
 196 100
 198 91.9 78.7 118.1
 97 49.9 39.7 59.5
 132 29.6 22.8 34.2

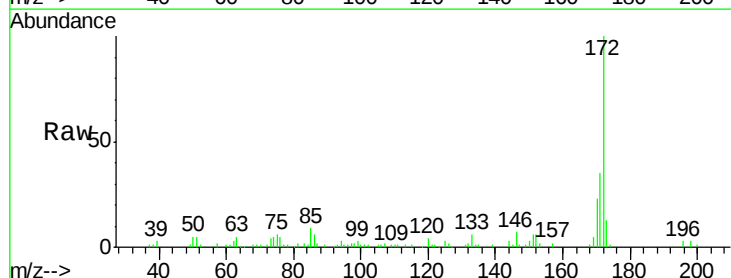


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

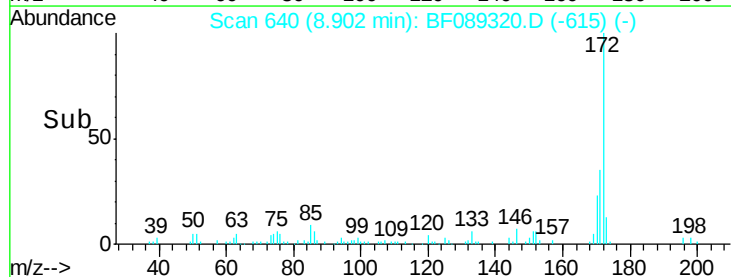
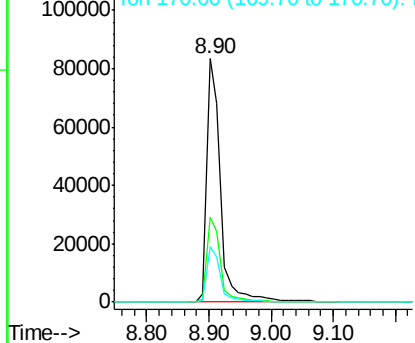


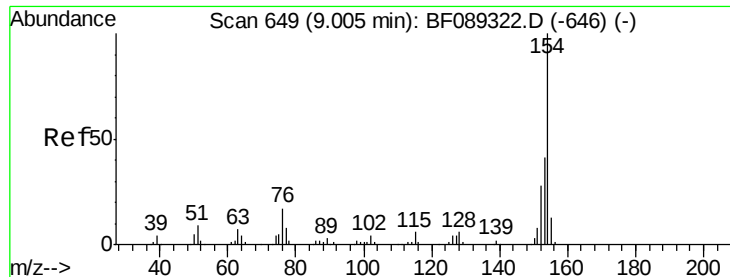
#44
 2-Fluorobiphenyl
 Concen: 20.54 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

Tgt Ion:172 Resp: 128530
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.2 43.8
 170 22.7 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

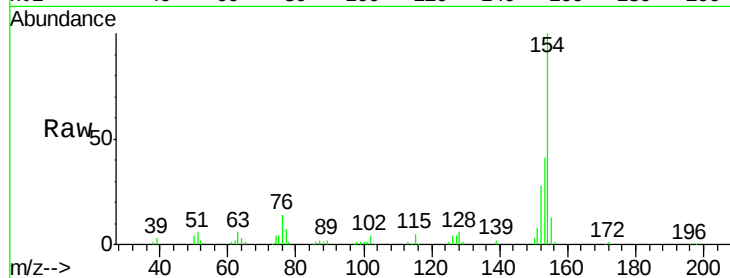




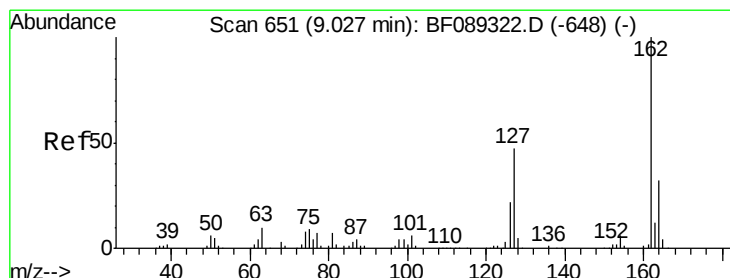
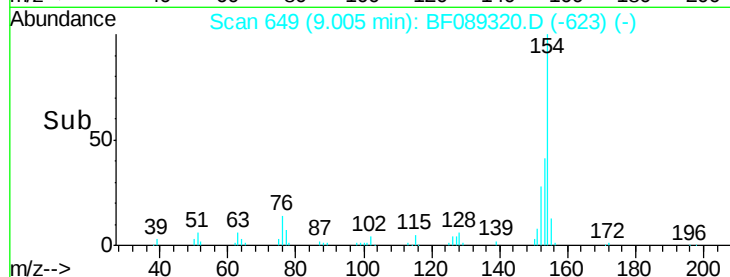
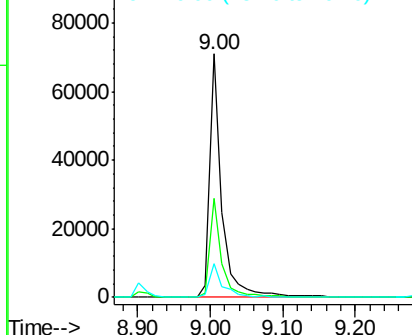
#45
1,1'-Biphenyl
Concen: 10.52 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:154 Resp: 82142
Ion Ratio Lower Upper
154 100
153 40.8 21.0 61.0
76 14.1 0.0 36.6

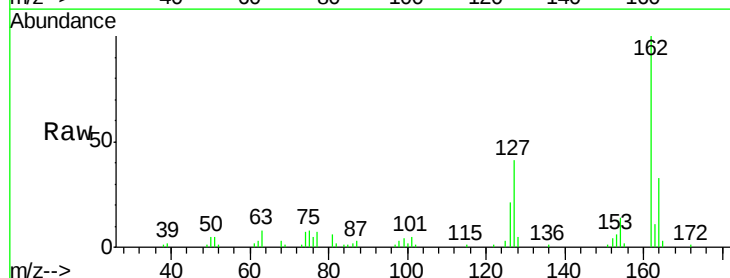


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

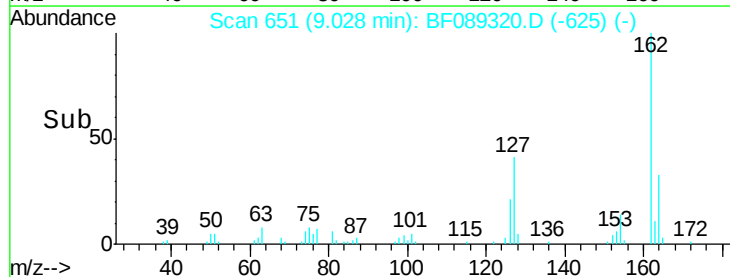
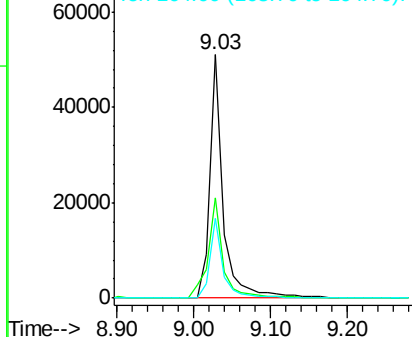


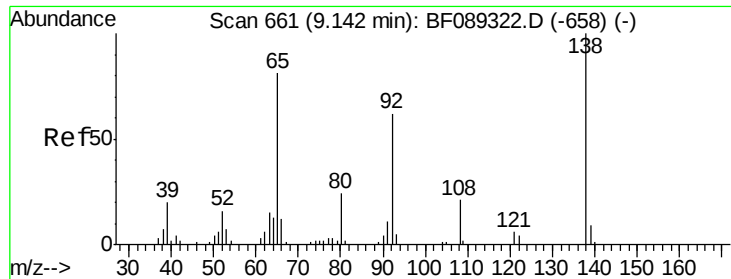
#46
2-Chloronaphthalene
Concen: 10.24 ng
RT: 9.03 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion:162 Resp: 60720
Ion Ratio Lower Upper
162 100
127 41.1 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

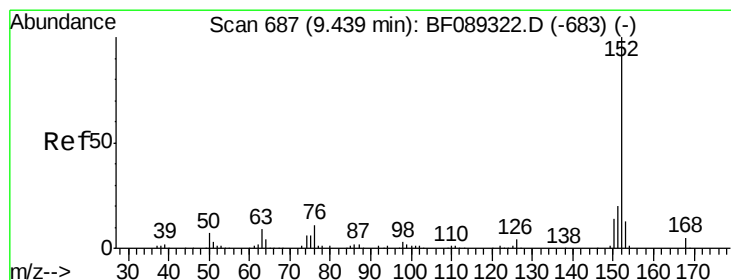
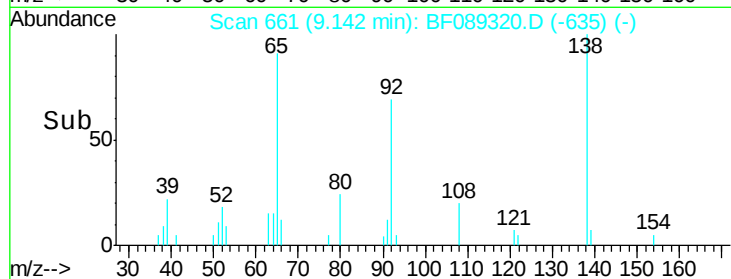
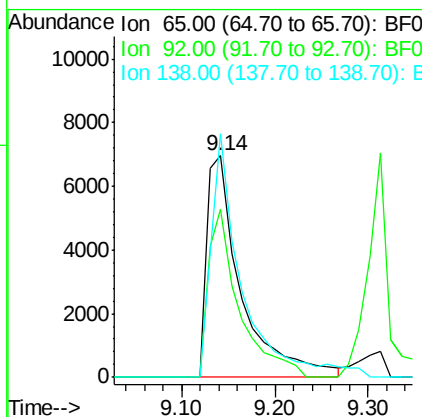
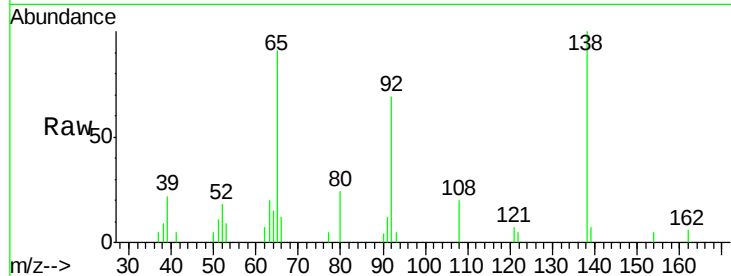




#47
2-Nitroaniline
Concen: 8.94 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

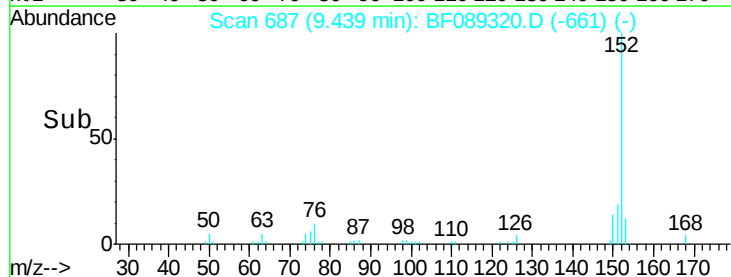
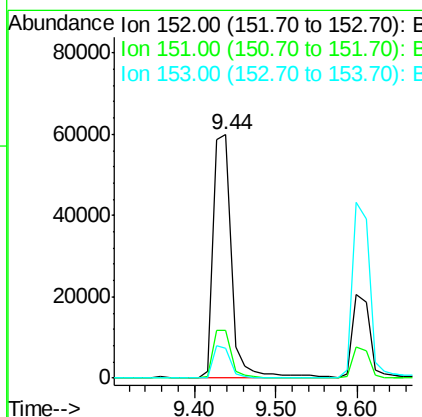
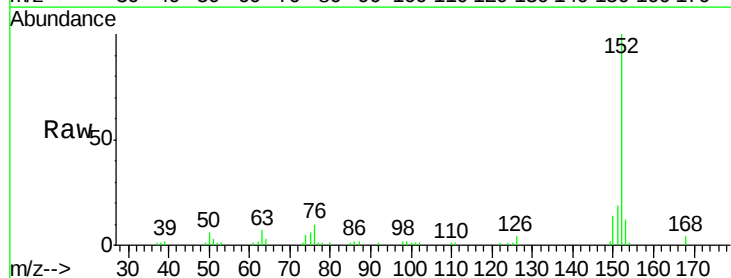
Instrument :
BNA_F
ClientSampled :

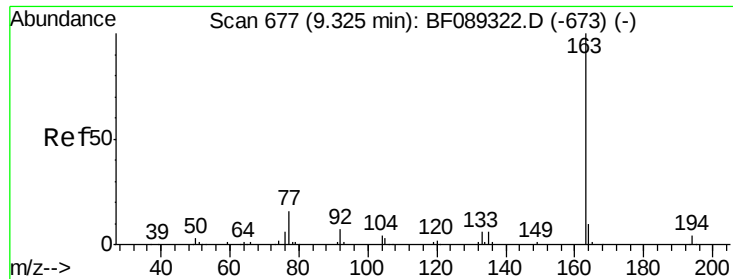
Tot Ion: 65 Resp: 17904
Ion Ratio Lower Upper
65 100
92 75.5 61.0 91.4
138 109.8 99.1 148.7



#48
Acenaphthylene
Concen: 10.08 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion: 152 Resp: 94593
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 12.4 10.2 15.4

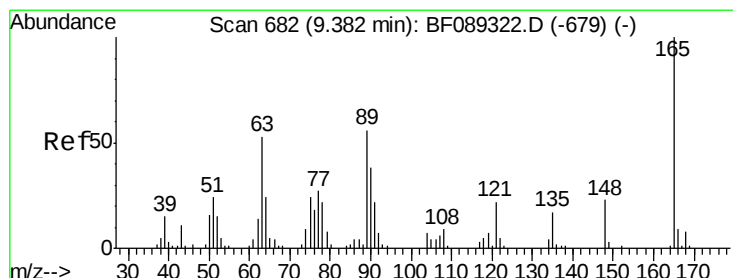
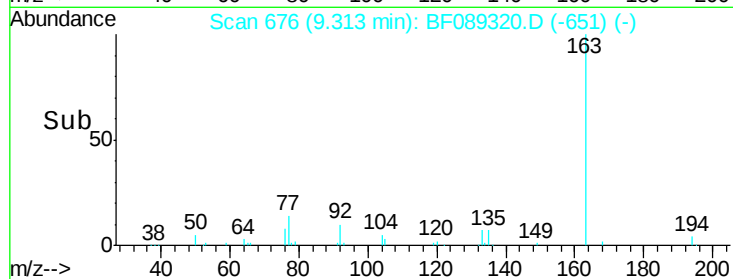
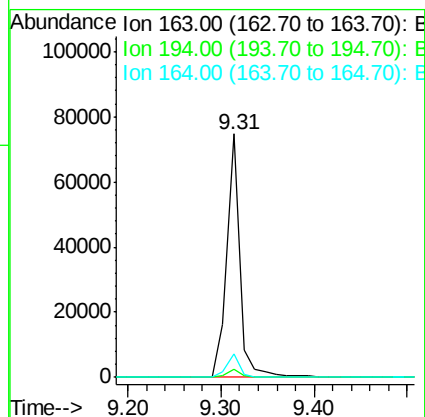
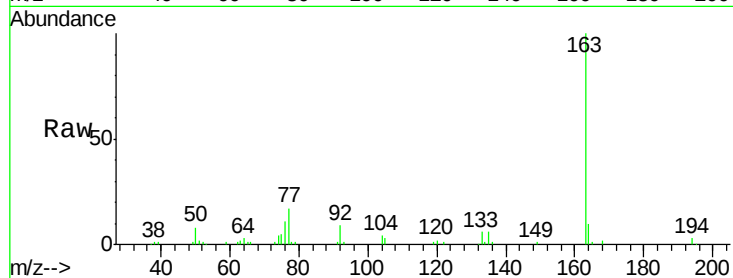




#49
Dimethylphthalate
Concen: 11.04 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

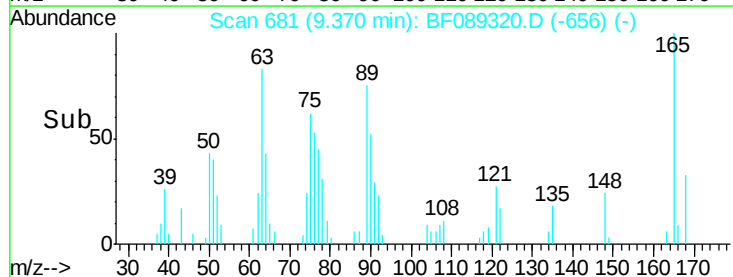
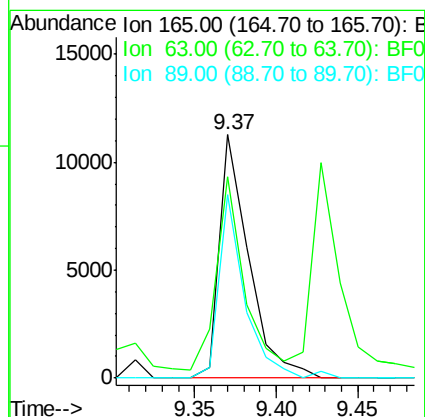
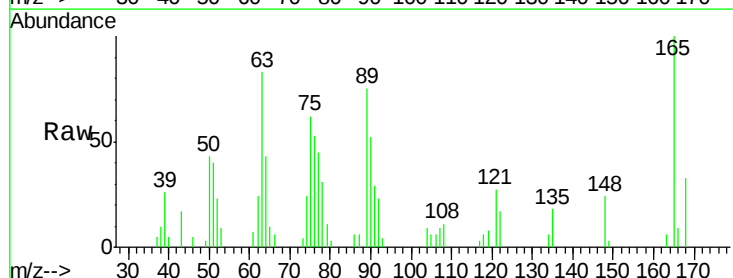
Instrument :
BNA_F
ClientSampled :

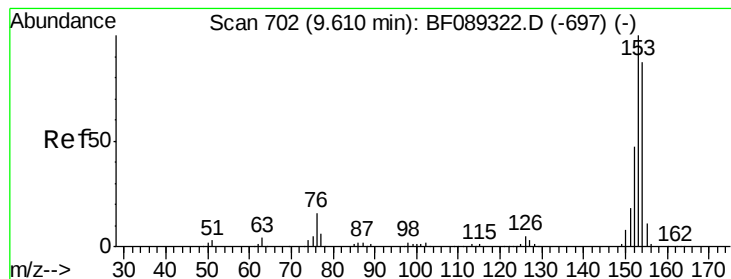
Tot Ion:163 Resp: 73315
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.9 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 9.47 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion:165 Resp: 14118
Ion Ratio Lower Upper
165 100
63 82.6 43.5 65.3#
89 75.2 45.0 67.4#





#51

Acenaphthene

Concen: 9.89 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

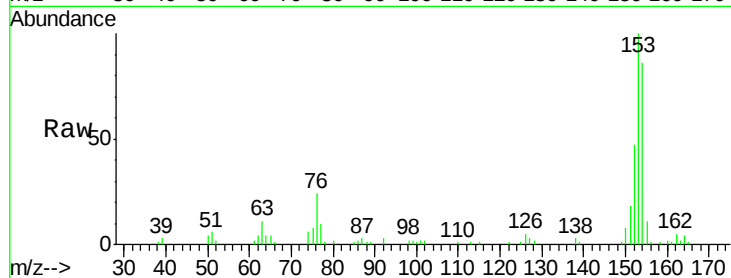
Tot Ion:154 Resp: 54616

Ion Ratio Lower Upper

154 100

153 116.2 91.4 137.2

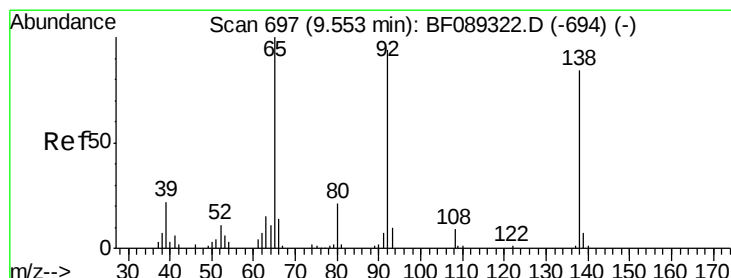
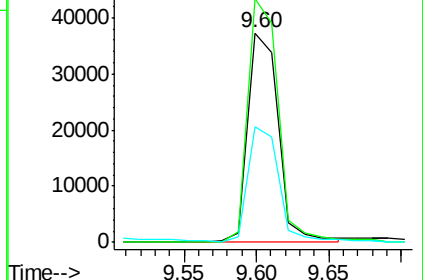
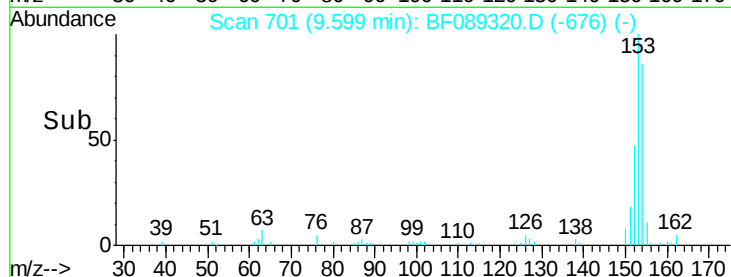
152 54.9 43.8 65.6



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: 9.02 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

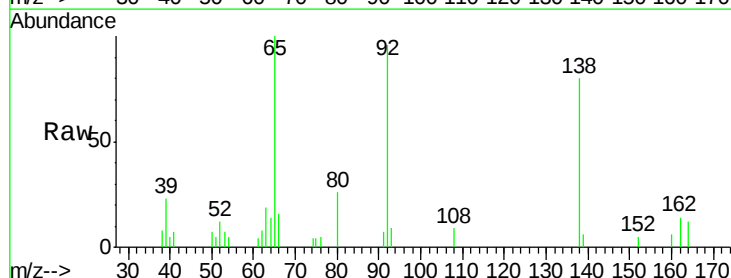
Tgt Ion:138 Resp: 15622

Ion Ratio Lower Upper

138 100

108 11.5 8.6 13.0

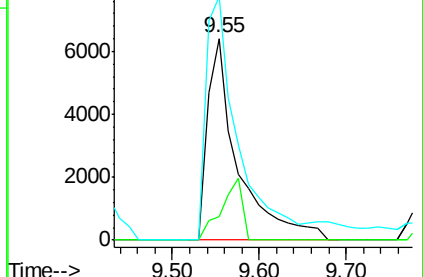
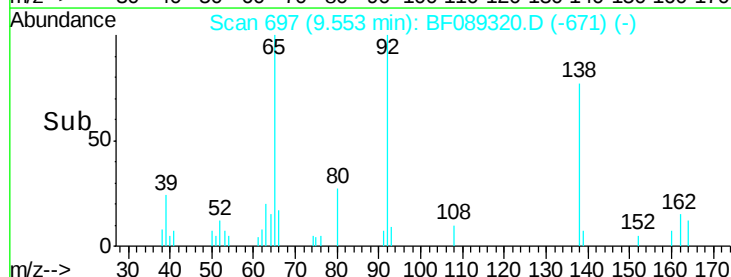
92 120.7 90.0 135.0

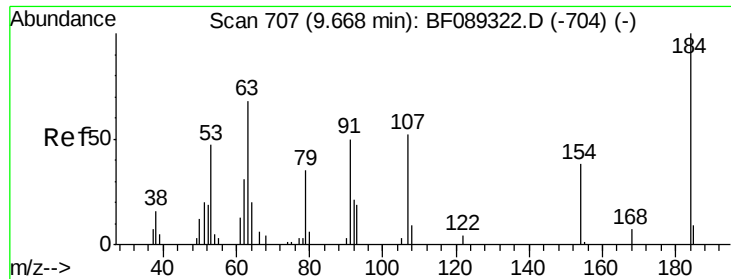


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

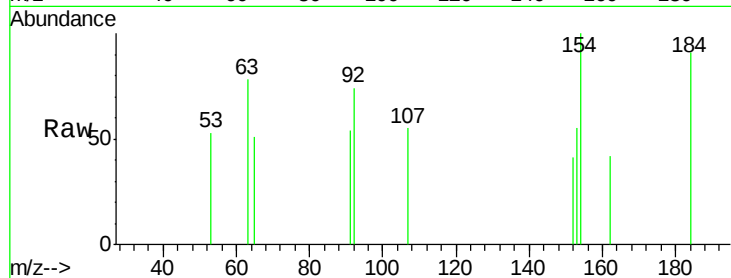




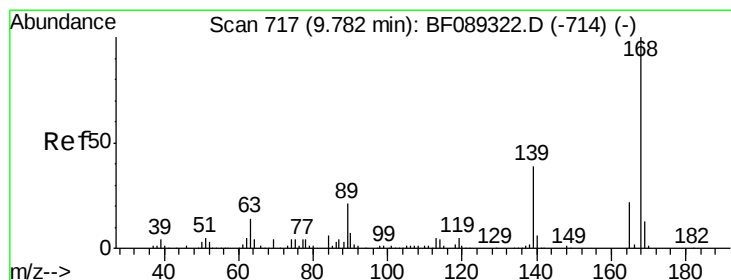
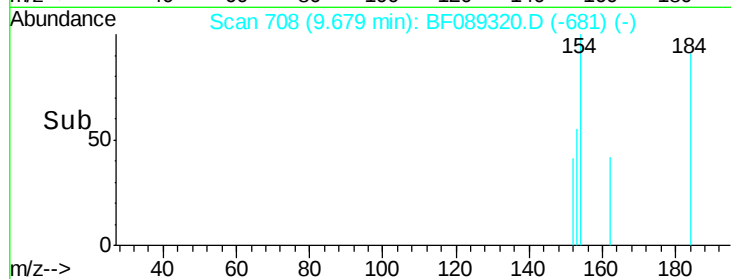
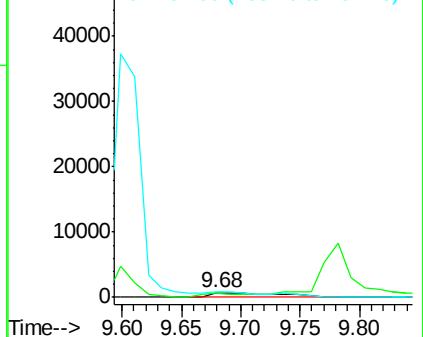
#53
 2,4-Dinitrophenol
 Concen: 4.93 ng
 RT: 9.68 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 2820
 Ion Ratio Lower Upper
 184 100
 63 86.2 60.6 90.8
 154 110.1 69.8 104.8#

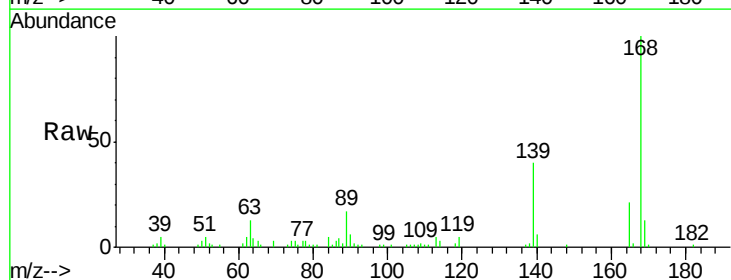


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

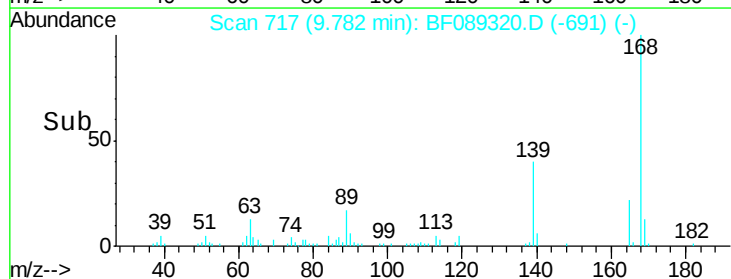
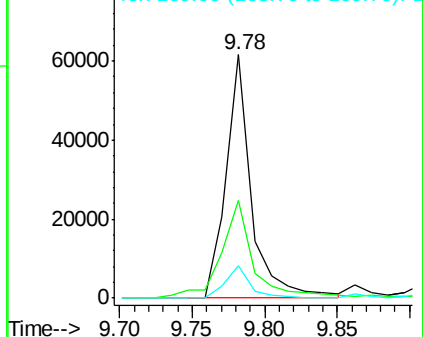


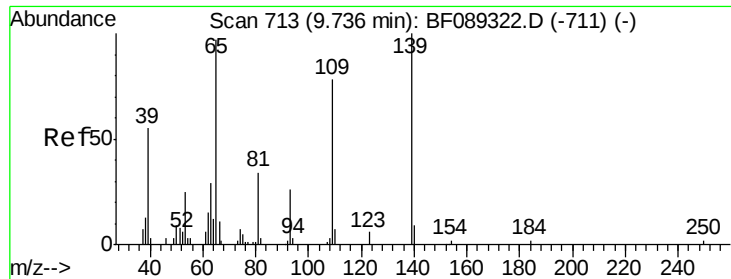
#54
 Dibenzofuran
 Concen: 10.07 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

Tgt Ion:168 Resp: 74905
 Ion Ratio Lower Upper
 168 100
 139 40.0 33.7 50.5
 169 13.1 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

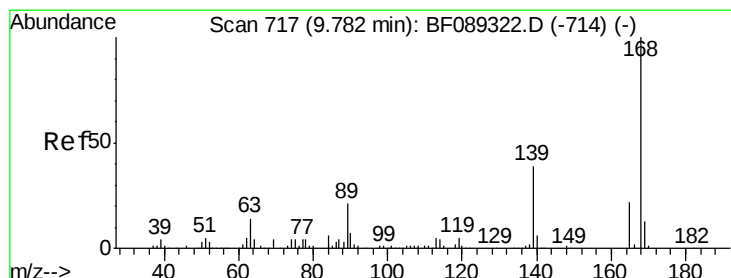
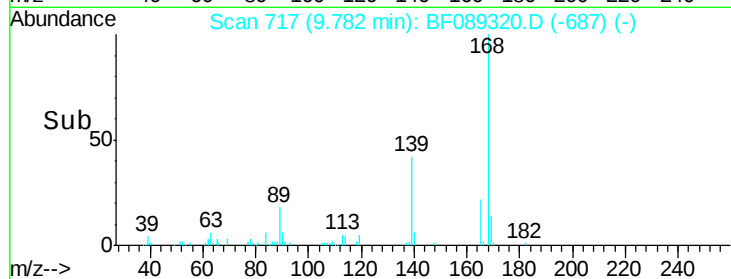
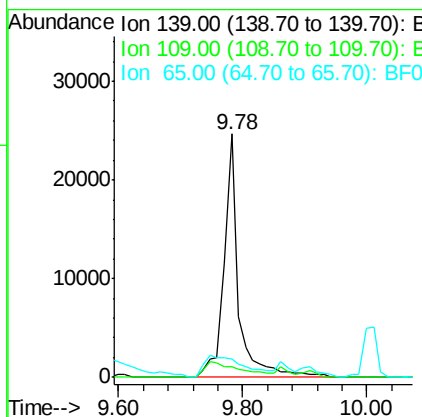
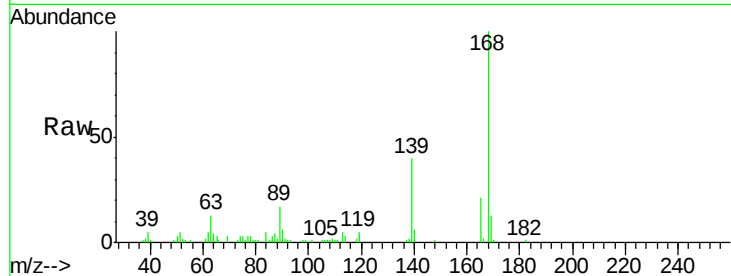




#55
4-Nitrophenol
Concen: 39.88 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.05 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

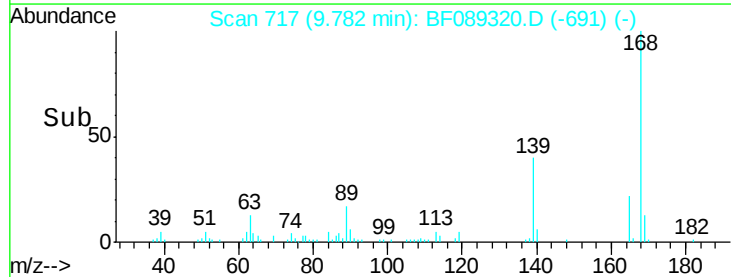
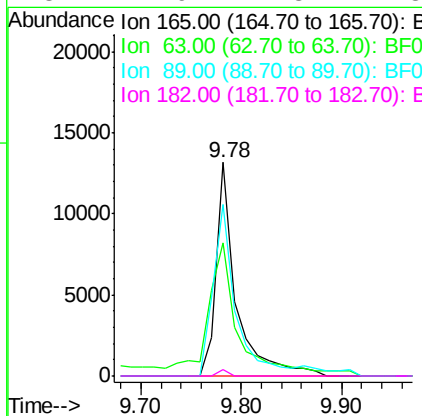
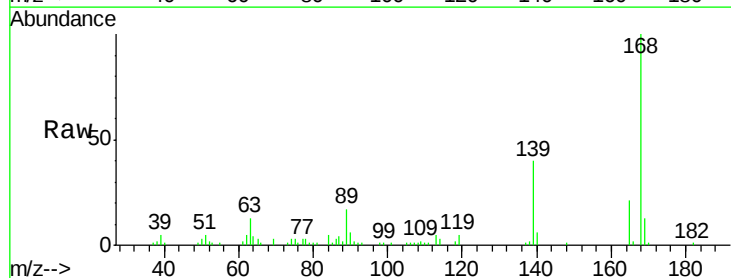
Instrument :
BNA_F
ClientSampleId :

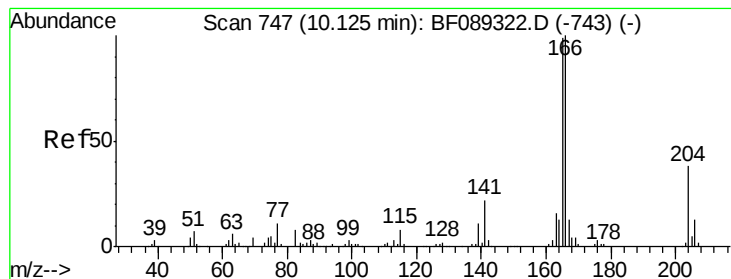
Tot Ion:139 Resp: 39941
Ion Ratio Lower Upper
139 100
109 4.6 57.8 97.8#
65 7.7 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 9.48 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion:165 Resp: 18326
Ion Ratio Lower Upper
165 100
63 62.3 58.2 87.2
89 80.1 79.1 118.7
182 2.9 1.8 2.8#





#57

Fluorene

Concen: 10.91 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

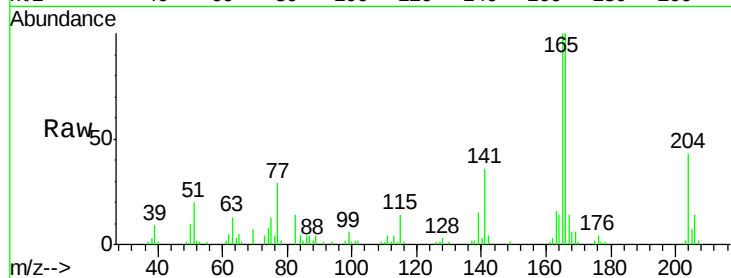
Tot Ion:166 Resp: 68064

Ion Ratio Lower Upper

166 100

165 99.9 79.0 118.4

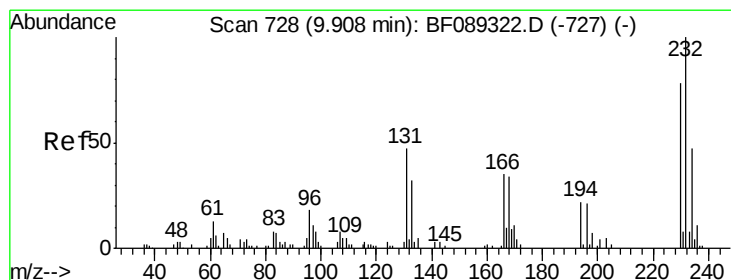
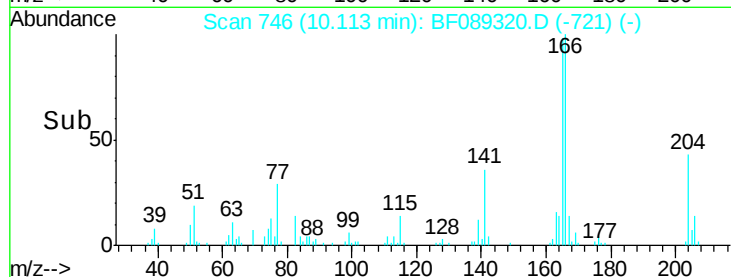
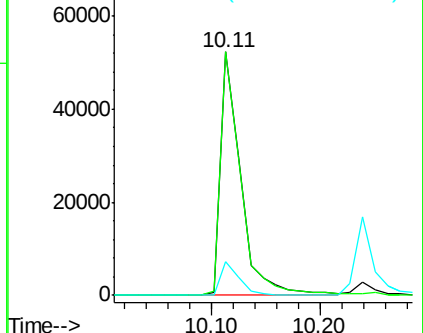
167 13.9 10.2 15.2



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: 10.22 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Tgt Ion:232 Resp: 13257

Ion Ratio Lower Upper

232 100

131 51.9 42.7 64.1

130 0.0 1.7 2.5#

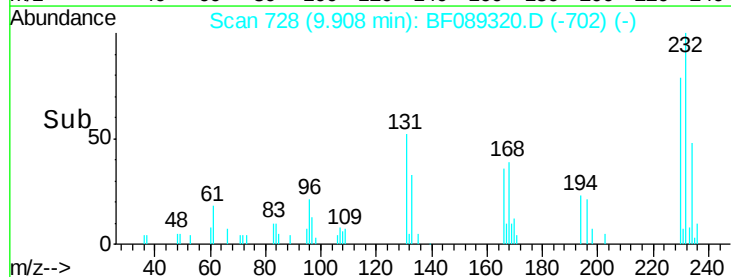
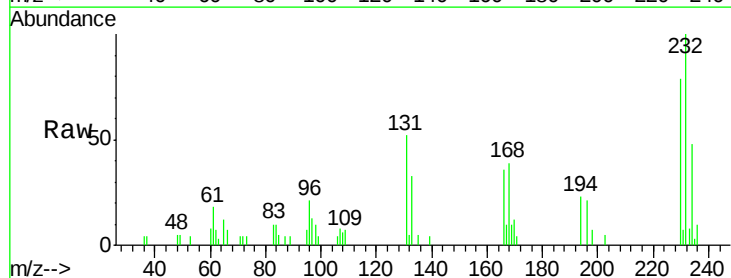
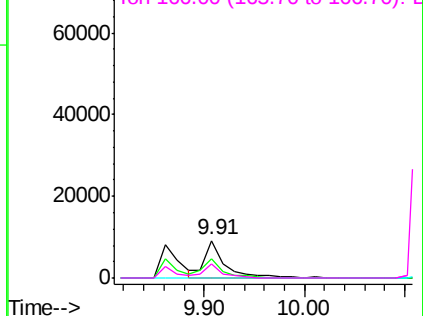
166 32.5 25.7 38.5

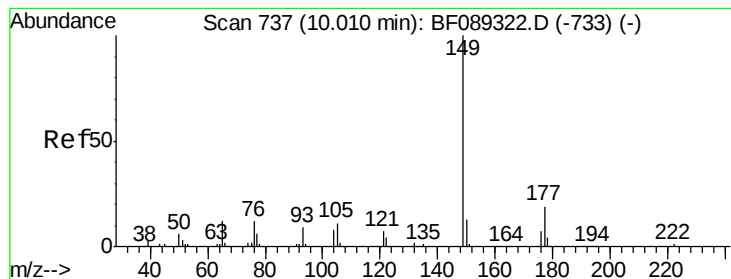
Abundance Ion 232.00 (231.70 to 232.70): E

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: 10.92 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

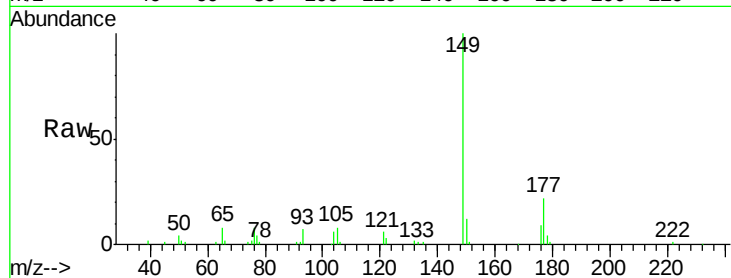
Tot Ion:149 Resp: 72283

Ion Ratio Lower Upper

149 100

177 22.2 15.1 22.7

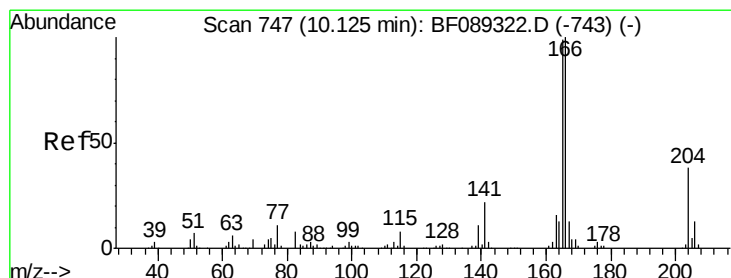
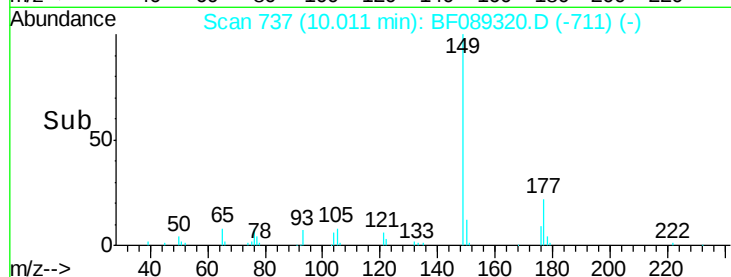
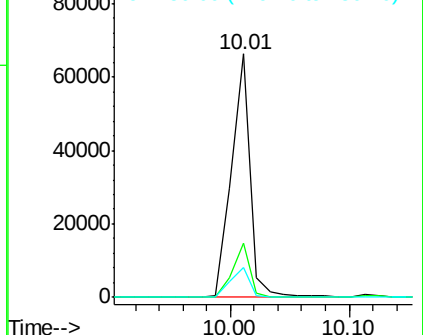
150 12.2 10.2 15.4



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: 10.73 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

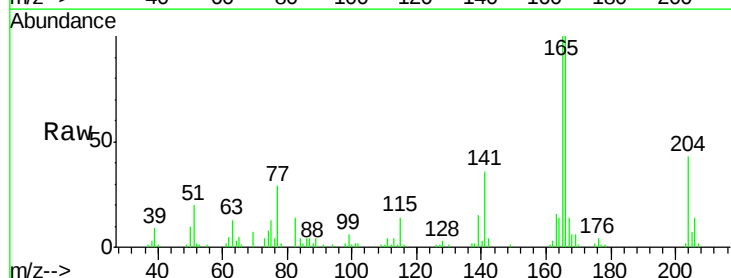
Tgt Ion:204 Resp: 30928

Ion Ratio Lower Upper

204 100

206 31.8 26.6 39.8

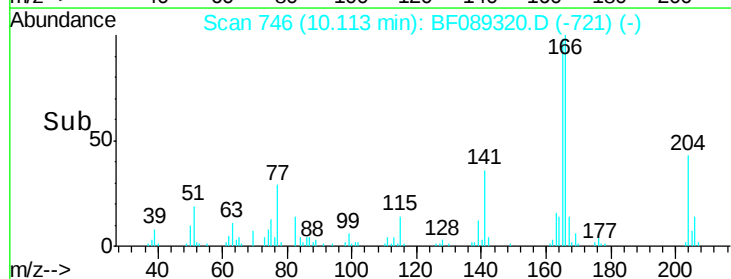
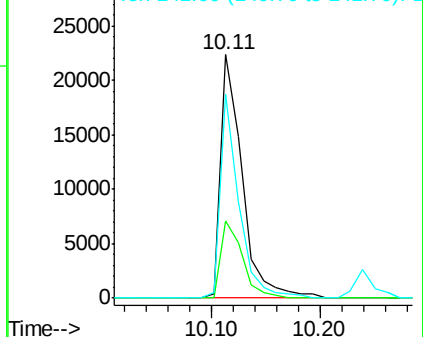
141 83.6 46.6 70.0#

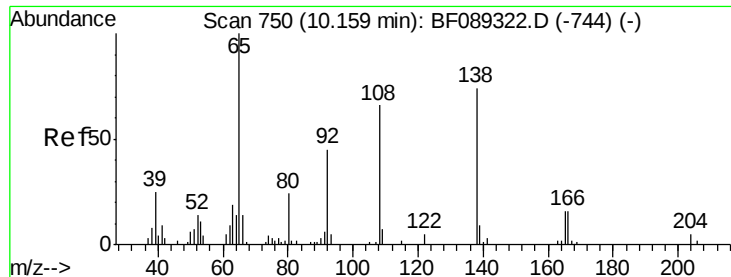


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

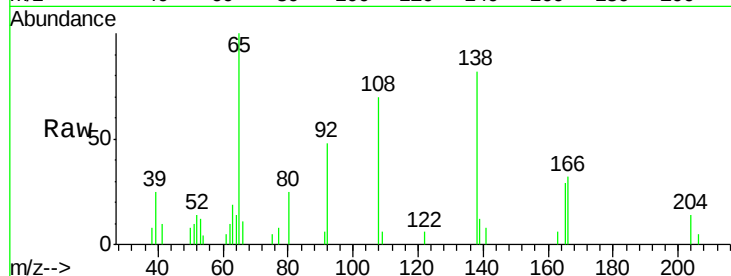




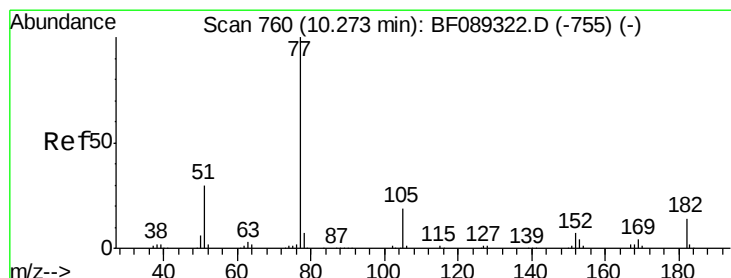
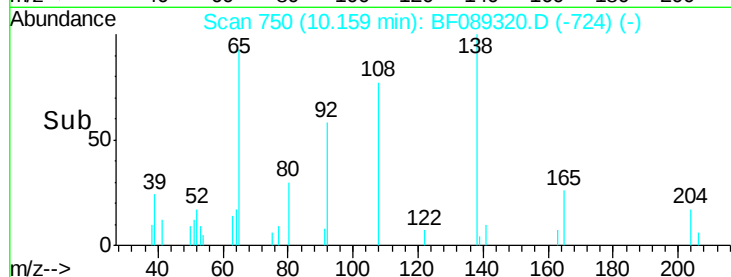
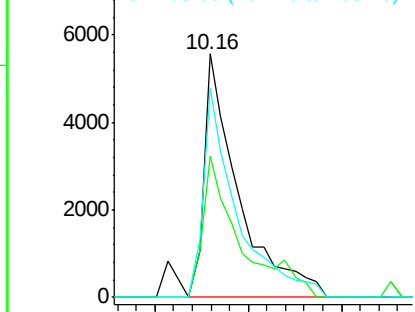
#61
4-Nitroaniline
Concen: 8.34 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 14336
Ion Ratio Lower Upper
138 100
92 58.1 41.2 81.2
108 85.7 69.6 109.6

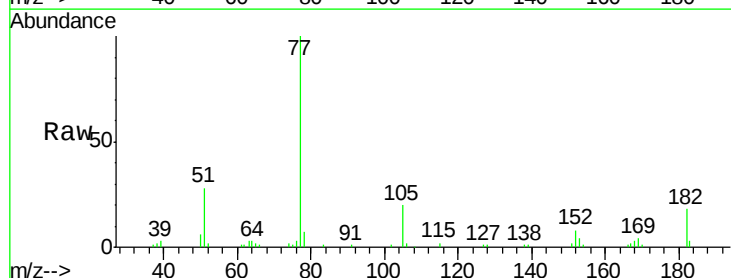


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

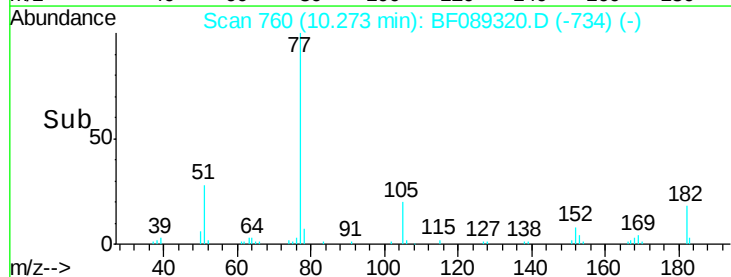
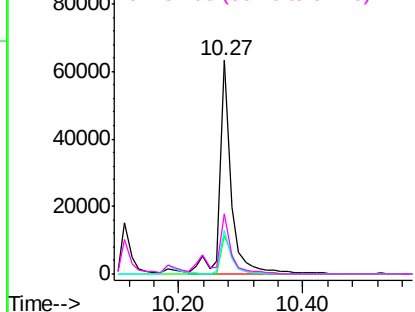


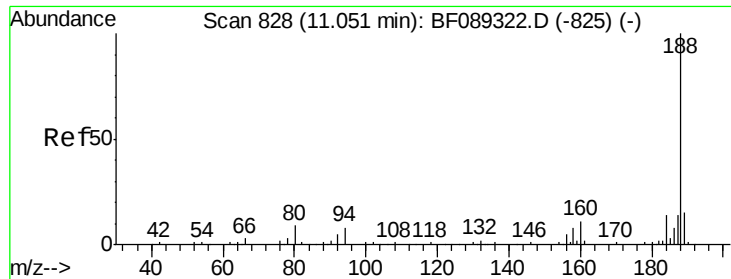
#62
Azobenzene
Concen: 10.96 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion: 77 Resp: 78685
Ion Ratio Lower Upper
77 100
182 18.3 0.0 33.8
105 20.4 0.0 39.8
51 28.0 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

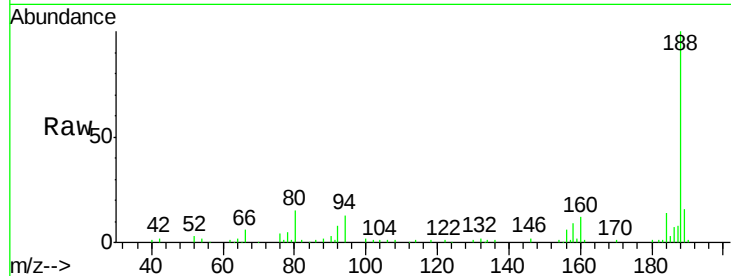




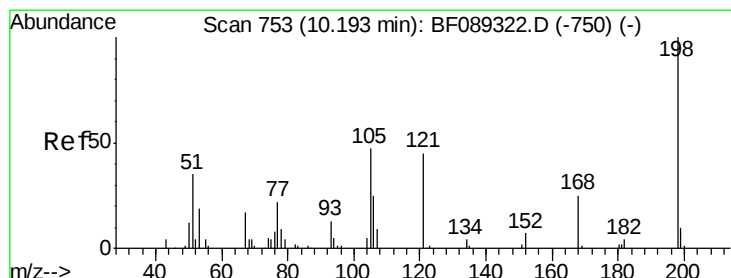
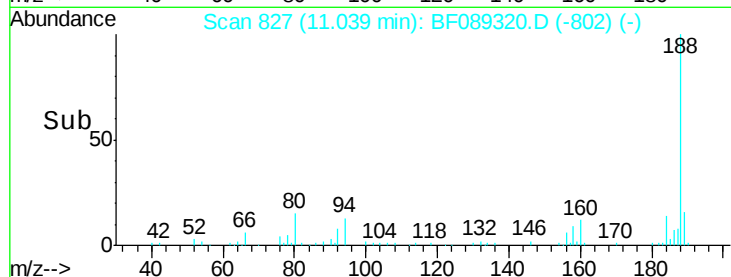
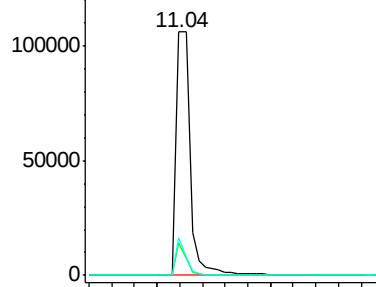
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:188 Resp: 174000
 Ion Ratio Lower Upper
 188 100
 94 13.3 6.5 9.7#
 80 15.3 7.2 10.8#

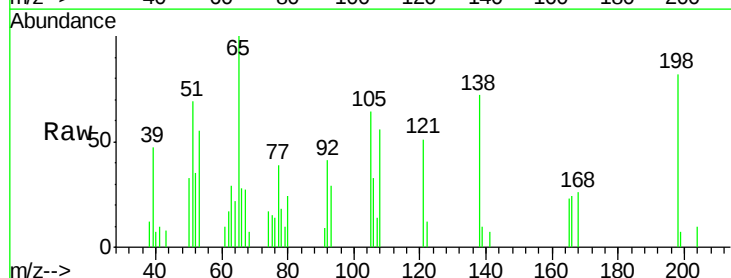


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

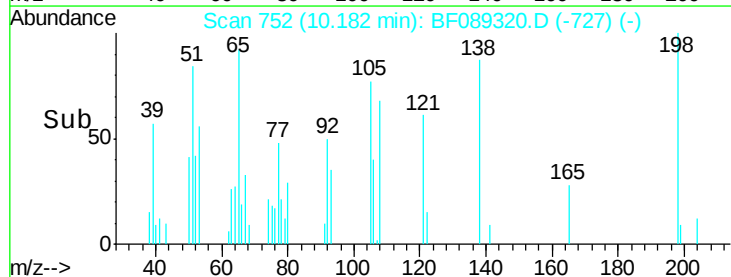
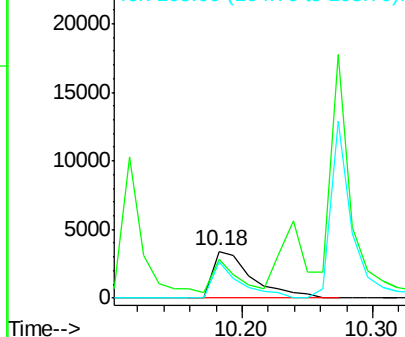


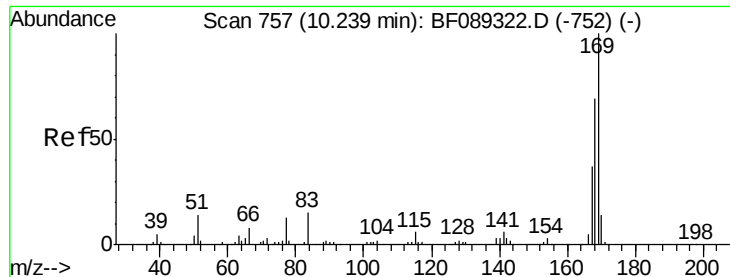
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.06 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

Tgt Ion:198 Resp: 7050
 Ion Ratio Lower Upper
 198 100
 51 83.6 23.0 63.0#
 105 77.2 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: 9.58 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

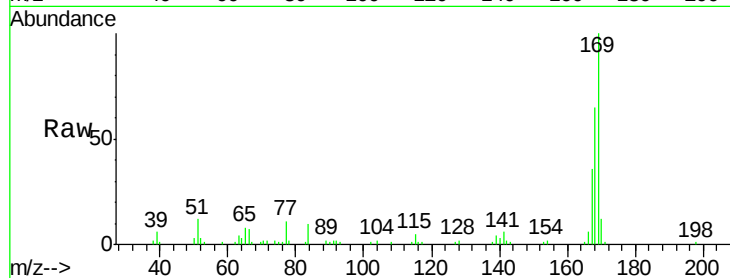
Tot Ion:169 Resp: 55660

Ion Ratio Lower Upper

169 100

168 64.9 55.4 83.0

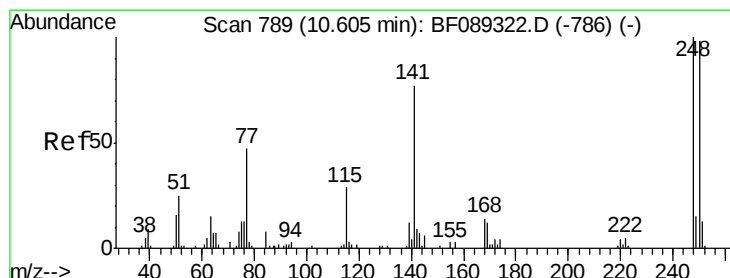
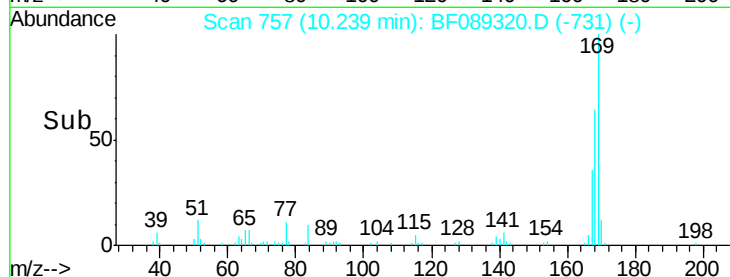
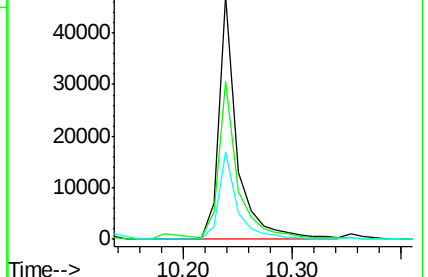
167 35.8 29.7 44.5



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: 9.82 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

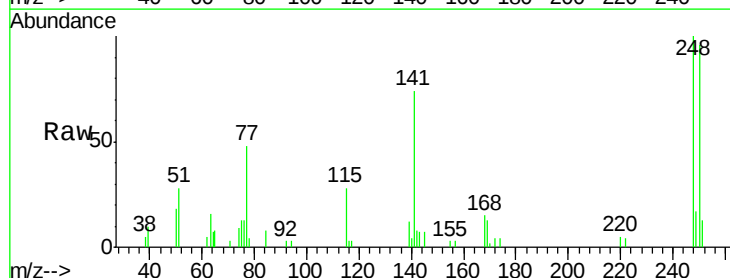
Tgt Ion:248 Resp: 16943

Ion Ratio Lower Upper

248 100

250 95.7 78.2 117.2

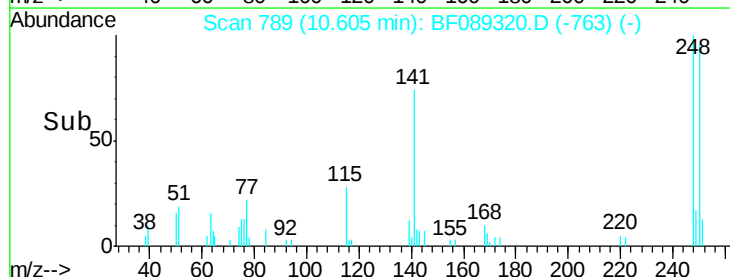
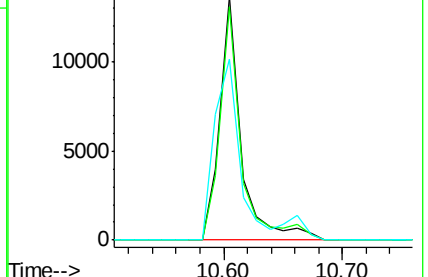
141 74.3 62.0 93.0

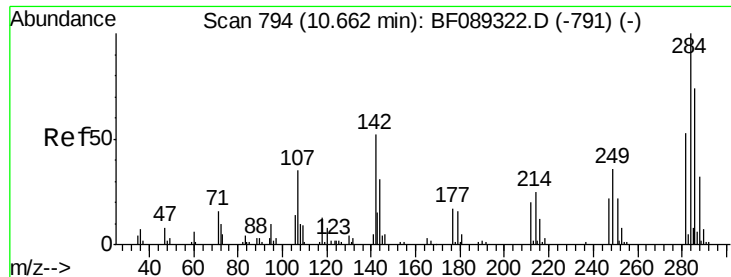


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

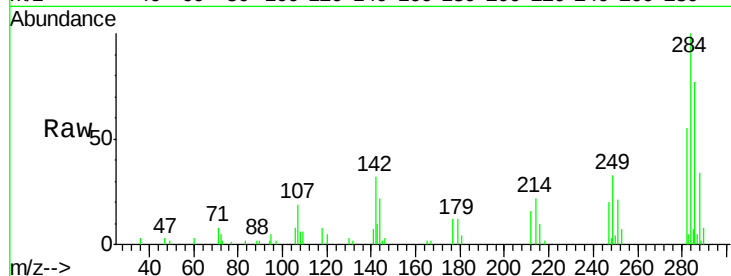




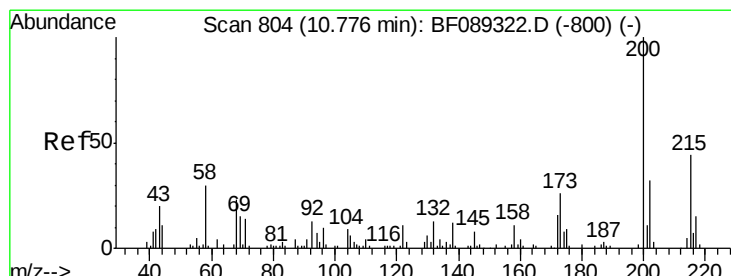
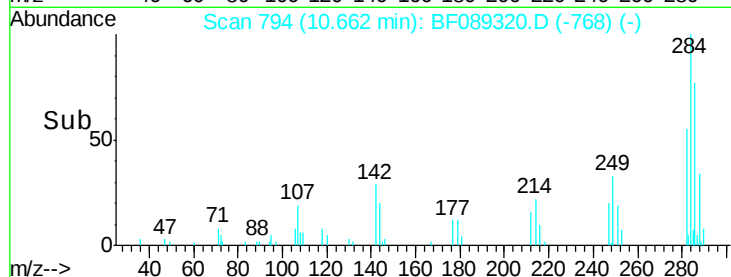
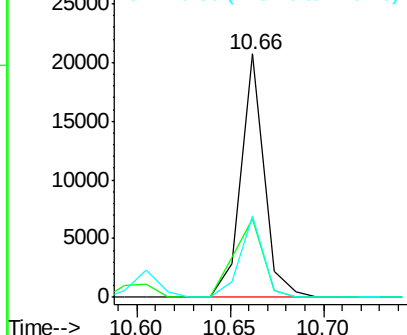
#67
Hexachlorobenzene
Concen: 9.86 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.1	42.2	63.4
249	33.2	29.4	44.0

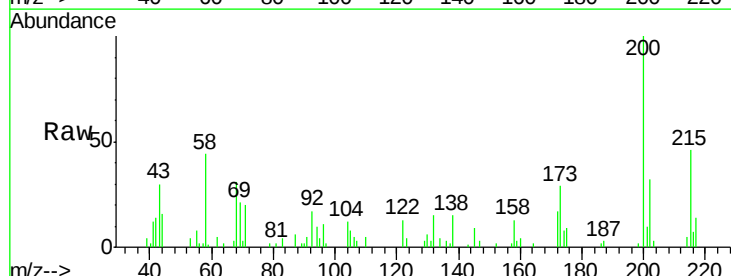


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

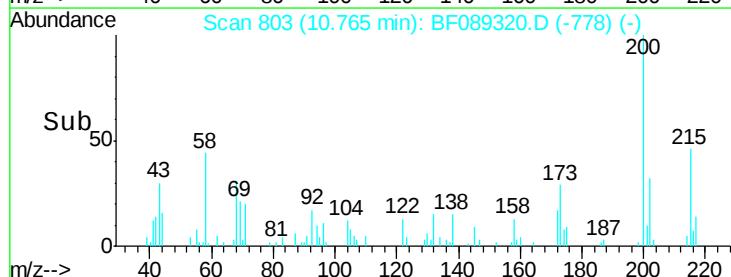
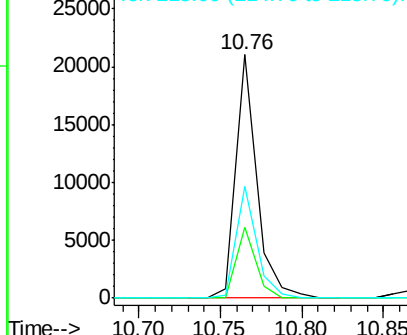


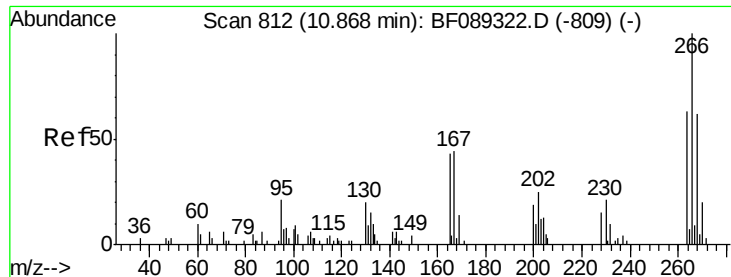
#68
Atrazine
Concen: 10.26 ng
RT: 10.76 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	6.0	46.0
215	45.8	24.3	64.3



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

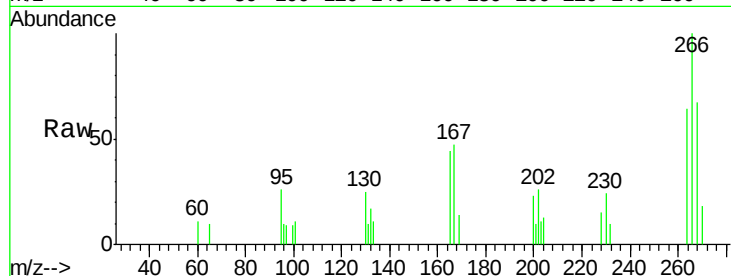




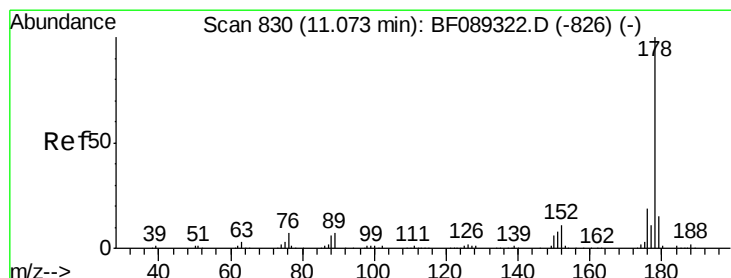
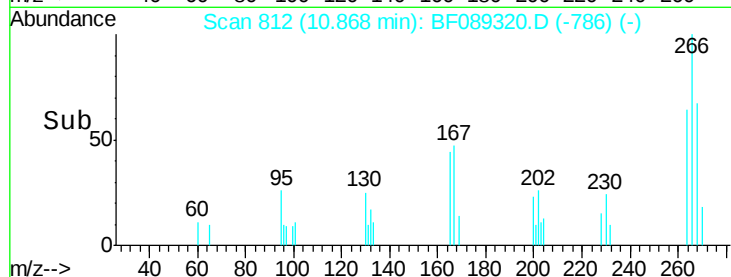
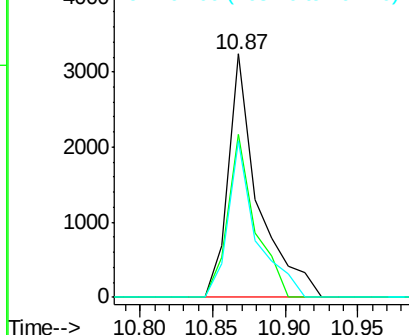
#69
 Pentachlorophenol
 Concen: 5.66 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 4641
 Ion Ratio Lower Upper
 266 100
 268 67.0 49.4 74.2
 264 64.3 50.2 75.2

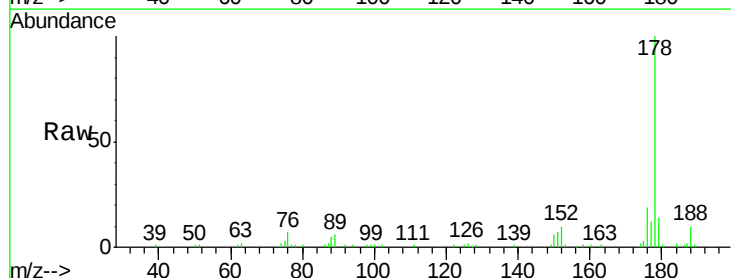


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

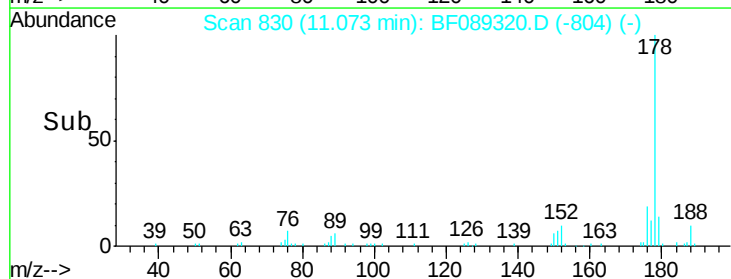
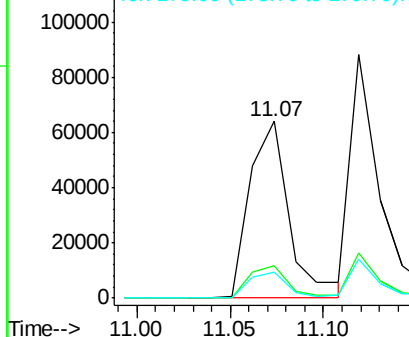


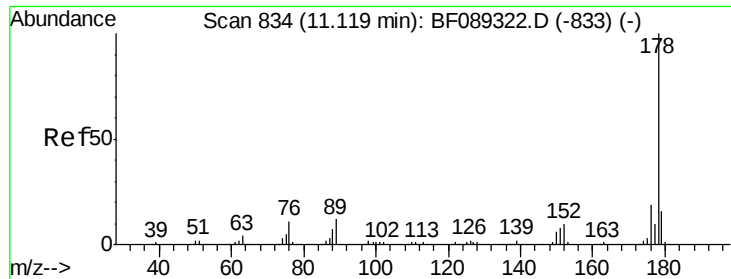
#70
 Phenanthrene
 Concen: 9.79 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

Tgt Ion:178 Resp: 93973
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.5 23.3
 179 14.4 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

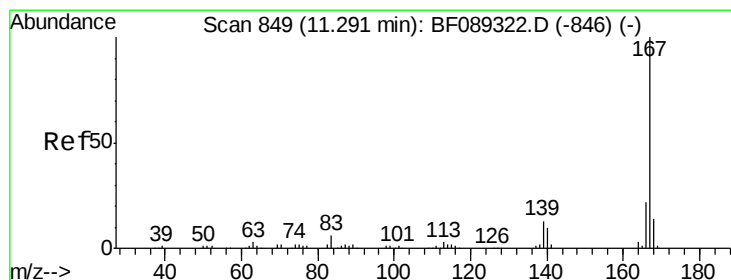
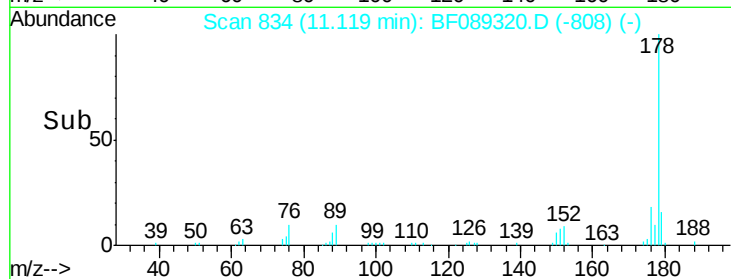
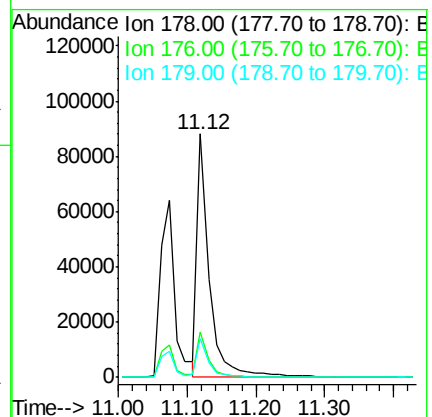
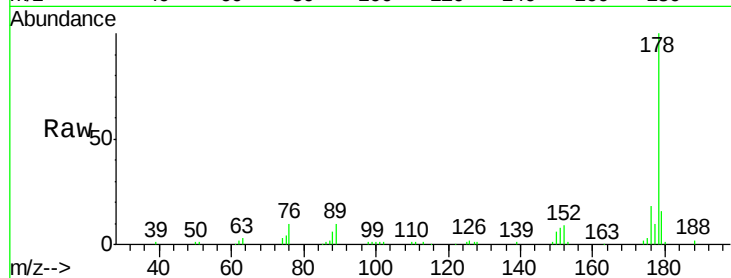




#71
 Anthracene
 Concen: 10.95 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

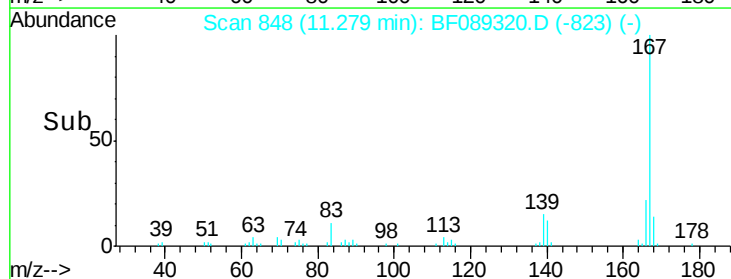
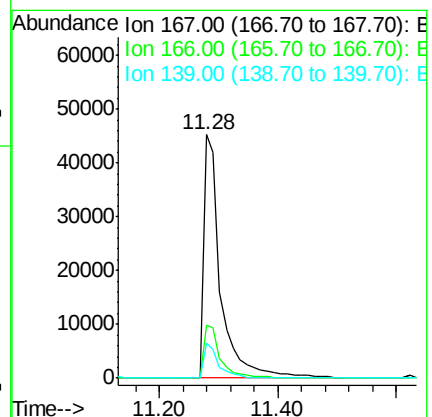
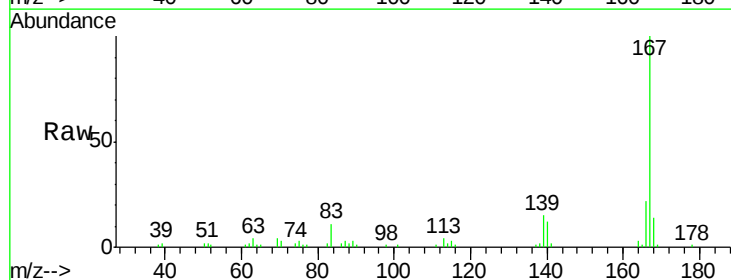
Instrument :
 BNA_F
 ClientSampled :

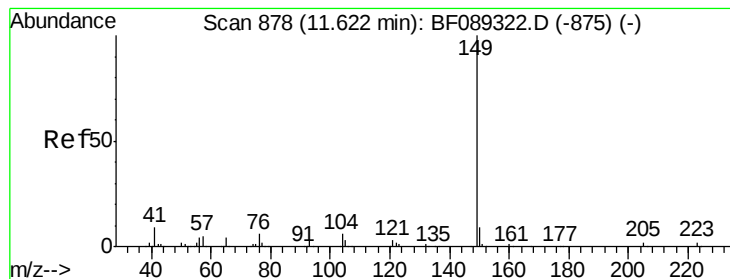
Tot Ion:178 Resp: 107869
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 15.7 12.6 18.8



#72
 Carbazole
 Concen: 10.70 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

Tgt Ion:167 Resp: 91525
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 14.6 10.1 15.1





#73

Di-n-butylphthalate

Concen: 11.24 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

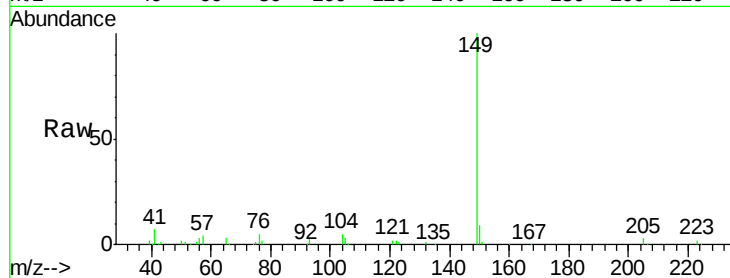
Tot Ion:149 Resp: 122359

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.4 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

11.62

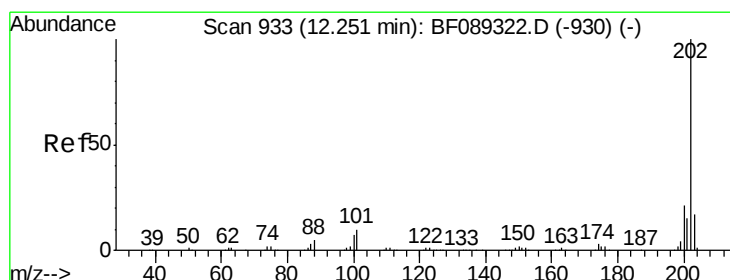
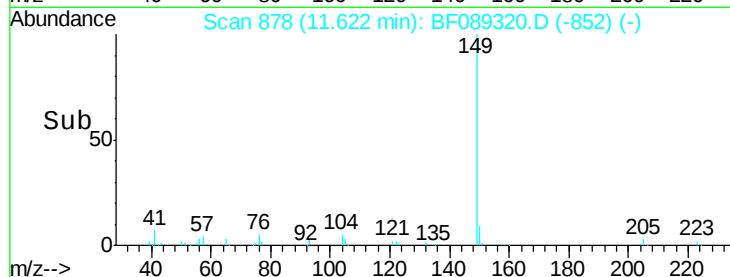
150000

100000

50000

0

Time-->



#74

Fluoranthene

Concen: 10.04 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

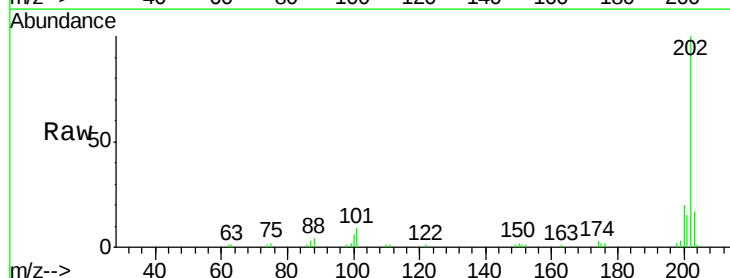
Tgt Ion:202 Resp: 101490

Ion Ratio Lower Upper

202 100

101 8.7 0.0 29.9

203 16.6 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

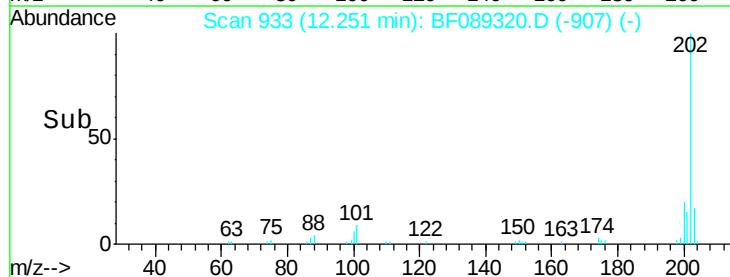
12.25

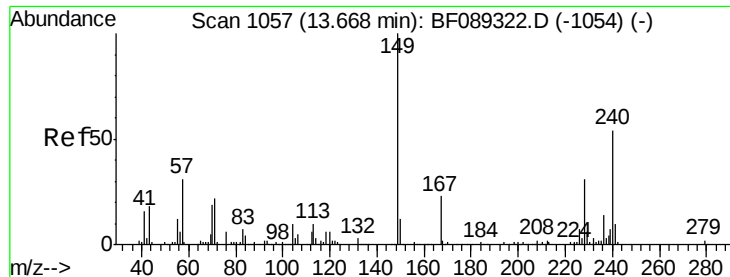
100000

50000

0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

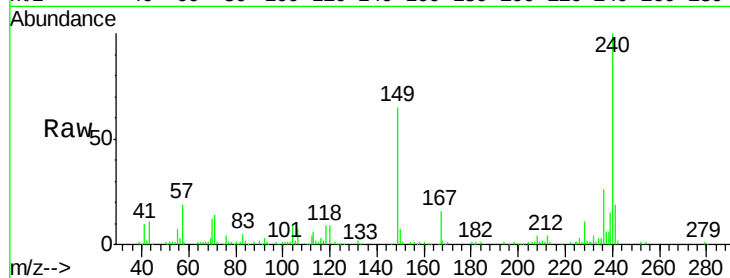
Tot Ion:240 Resp: 142621

Ion Ratio Lower Upper

240 100

120 8.9 9.1 13.7#

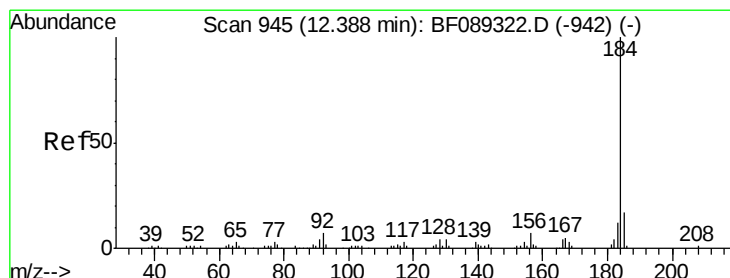
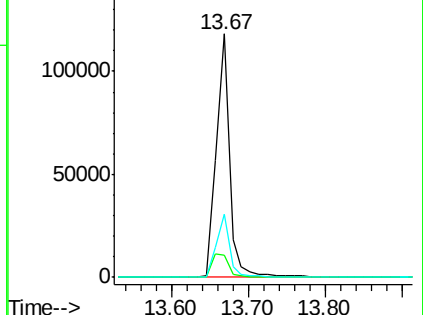
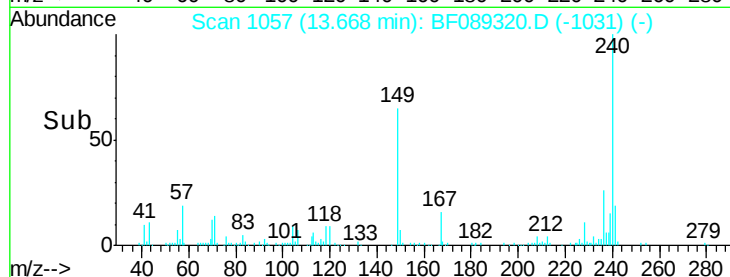
236 25.9 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.05 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

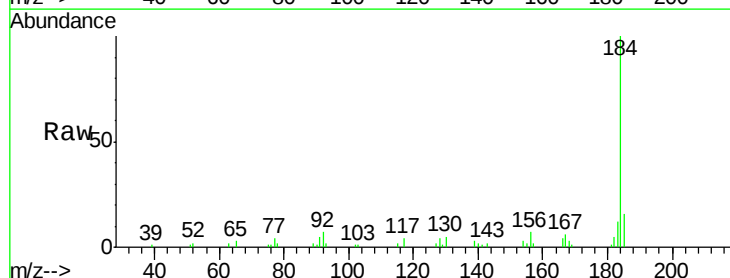
Tgt Ion:184 Resp: 49620

Ion Ratio Lower Upper

184 100

185 15.5 13.5 20.3

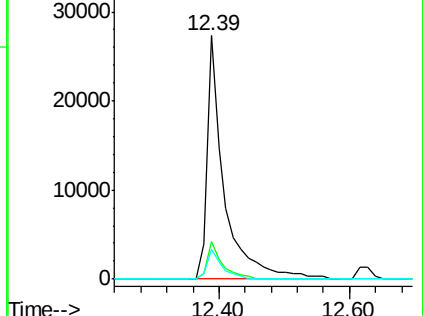
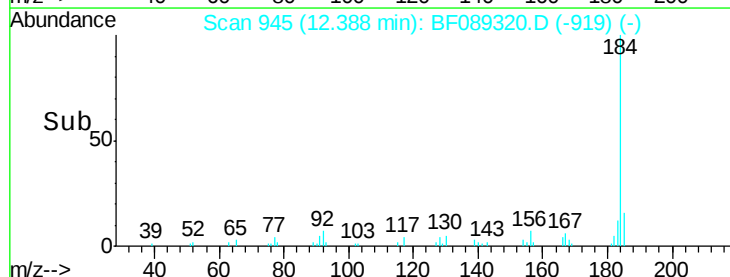
183 12.4 9.8 14.6

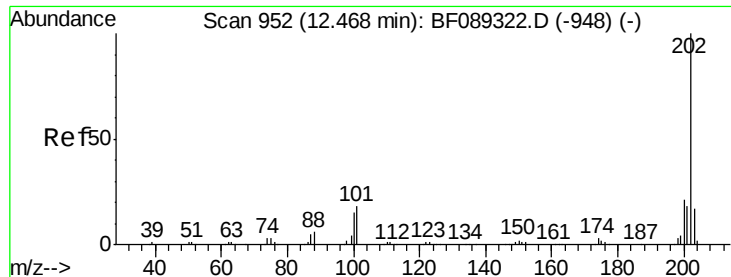


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

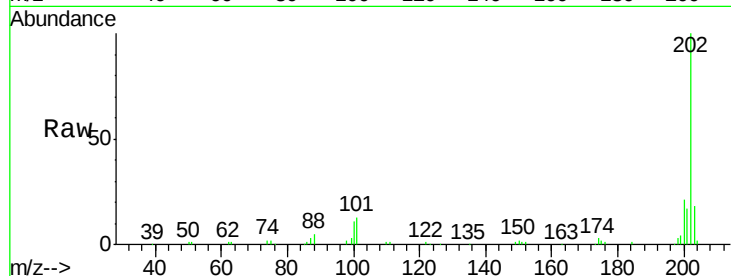




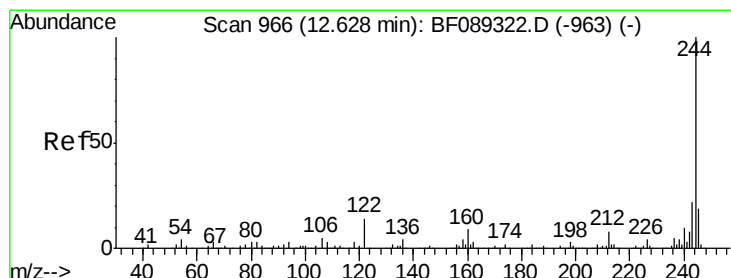
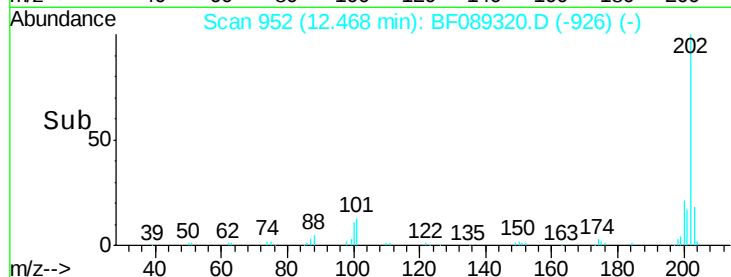
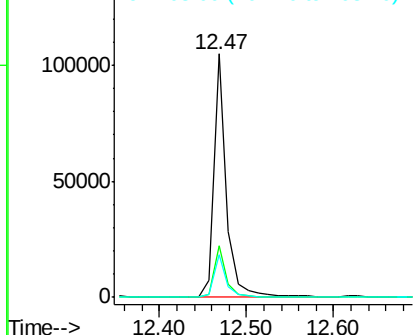
#77
Pvrene
Concen: 9.31 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 107271
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.7 14.0 21.0

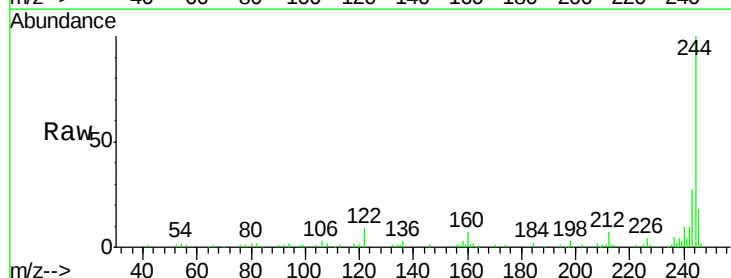


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

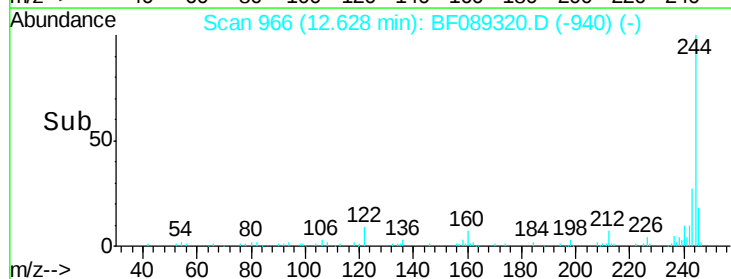
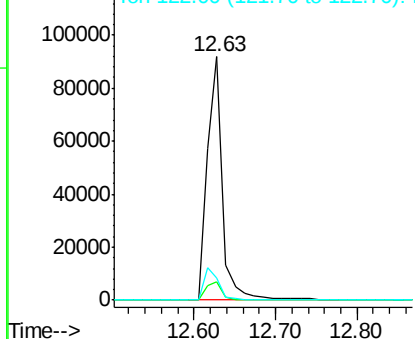


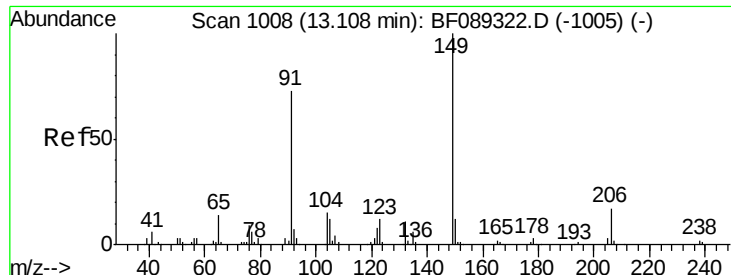
#78
Terphenyl-d14
Concen: 18.44 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion:244 Resp: 120848
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 8.9 11.4 17.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

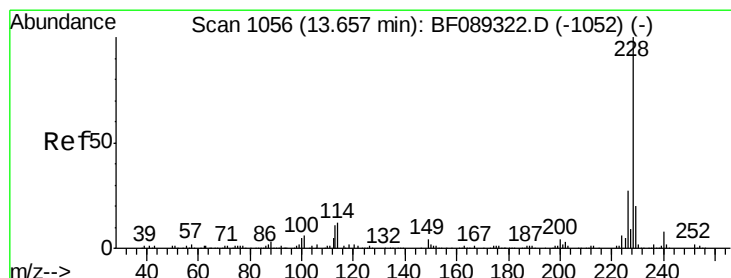
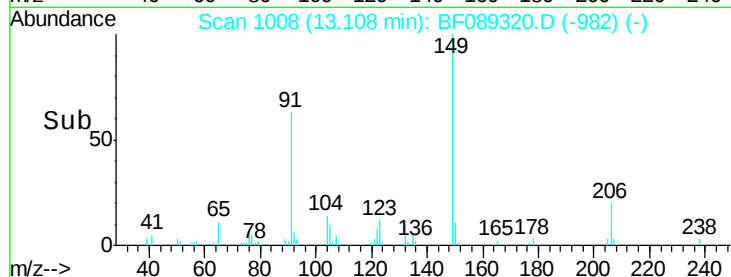
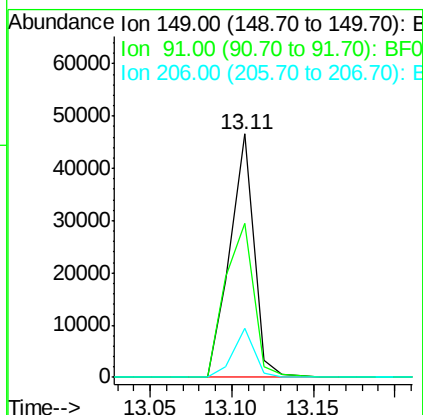
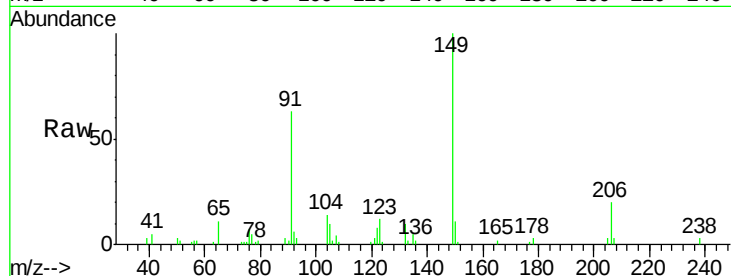




#79
Butylbenzylphthalate
Concen: 9.53 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

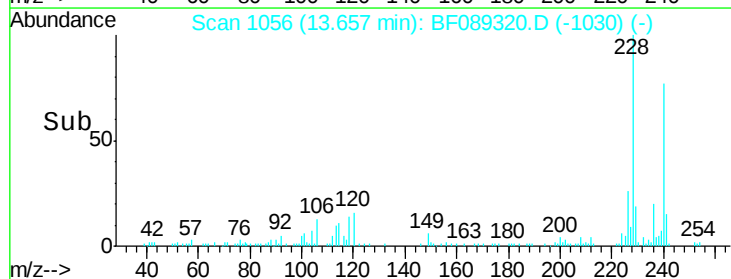
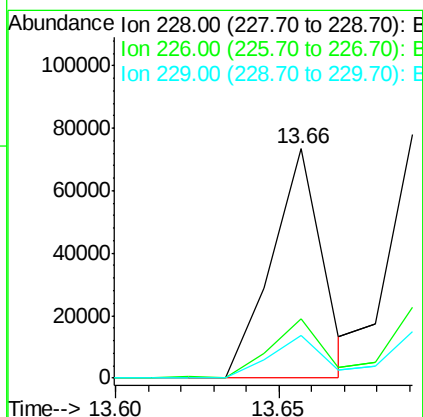
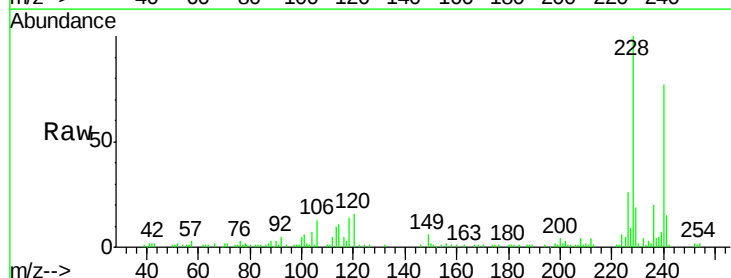
Instrument :
BNA_F
ClientSampleId :

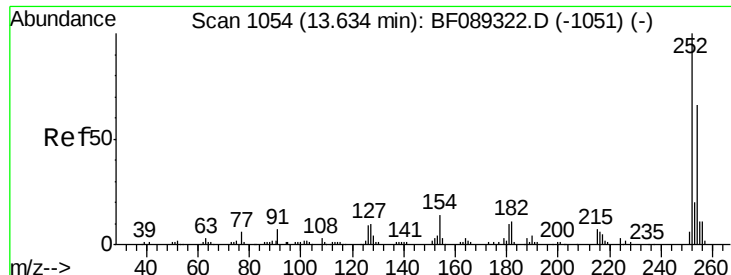
Tot Ion:149 Resp: 47578
Ion Ratio Lower Upper
149 100
91 63.5 58.5 87.7
206 20.4 13.8 20.8



#80
Benzo(a)anthracene
Concen: 8.82 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion:228 Resp: 79123
Ion Ratio Lower Upper
228 100
226 26.0 21.4 32.2
229 18.8 15.9 23.9

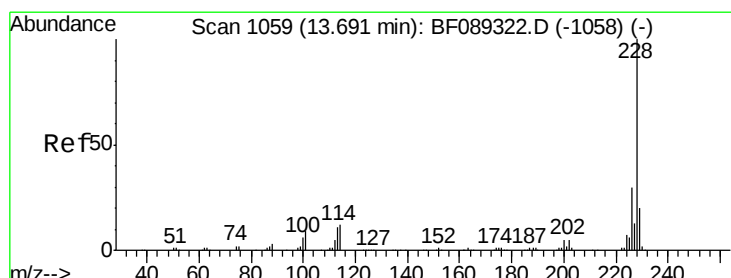
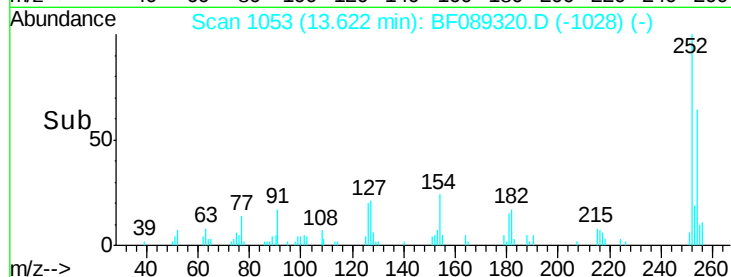
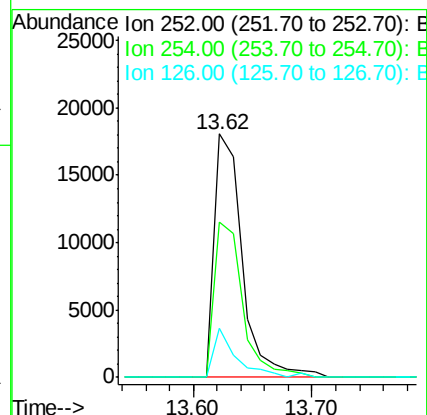
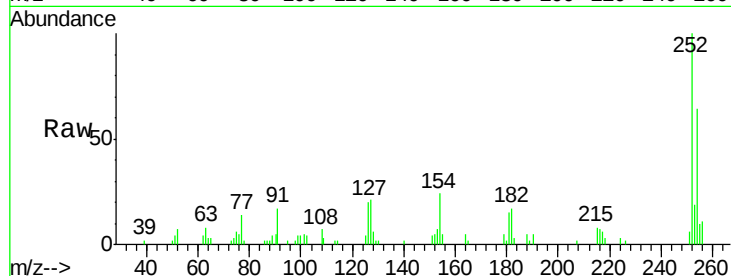




#81
 3,3'-Dichlorobenzidine
 Concen: 9.99 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

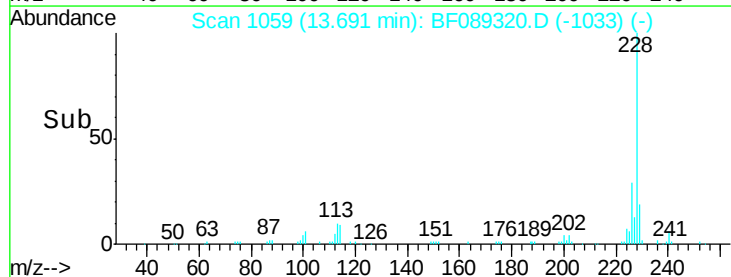
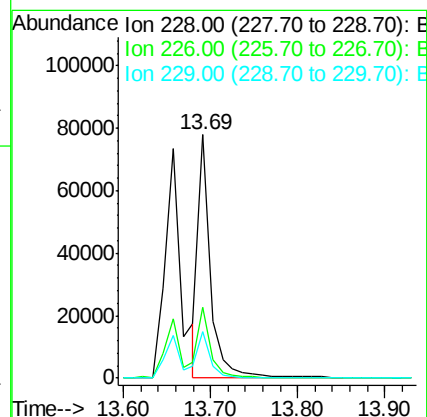
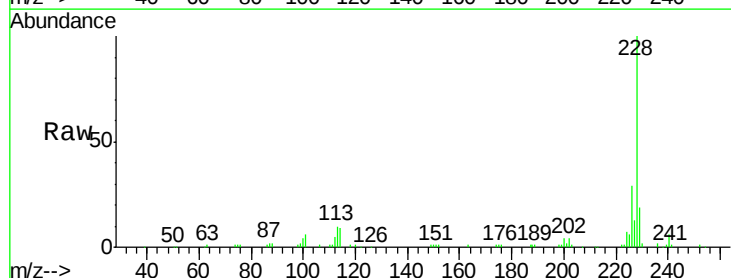
Instrument :
 BNA_F
 ClientSampled :

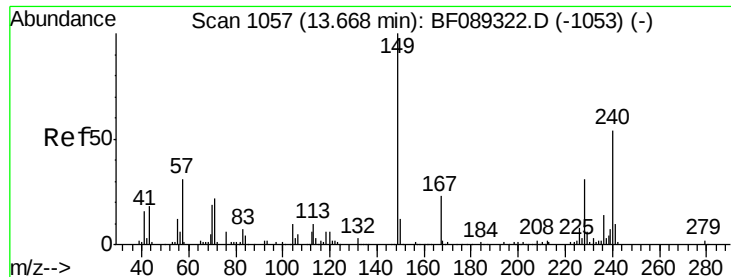
Tot Ion:252 Resp: 29446
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.5 78.7
 126 20.2 7.4 11.2#



#82
 Chrysene
 Concen: 9.11 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089320.D
 Acq: 27 Jul 2016 9:57

Tgt Ion:228 Resp: 77461
 Ion Ratio Lower Upper
 228 100
 226 29.3 24.2 36.2
 229 19.1 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.44 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

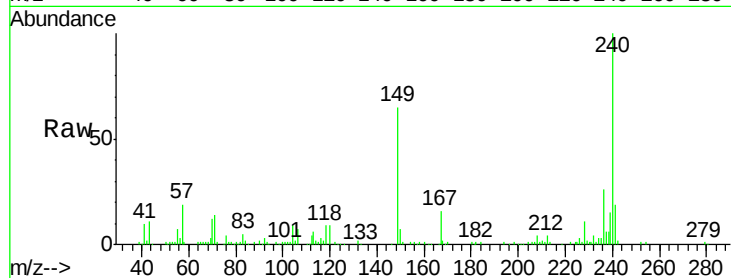
Tot Ion:149 Resp: 69581

Ion Ratio Lower Upper

149 100

167 23.8 18.8 28.2

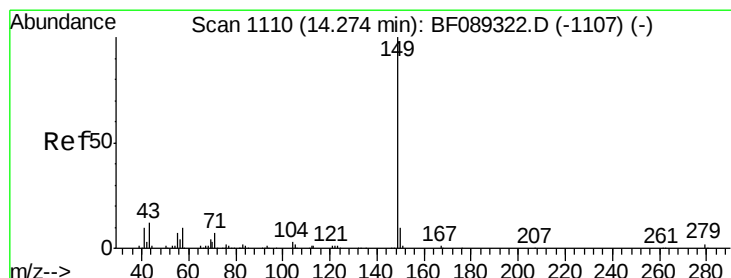
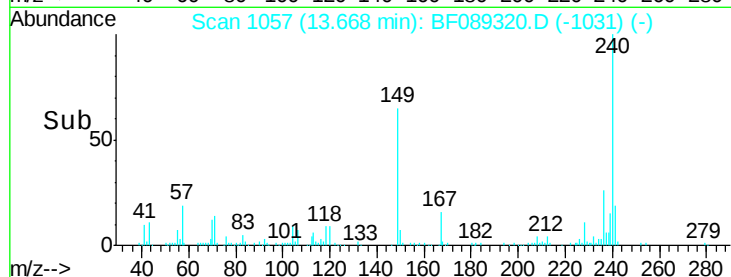
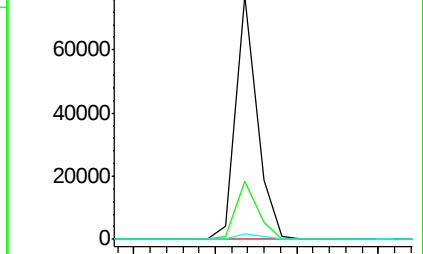
279 2.1 1.4 2.0#



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: 10.10 ng

RT: 14.27 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

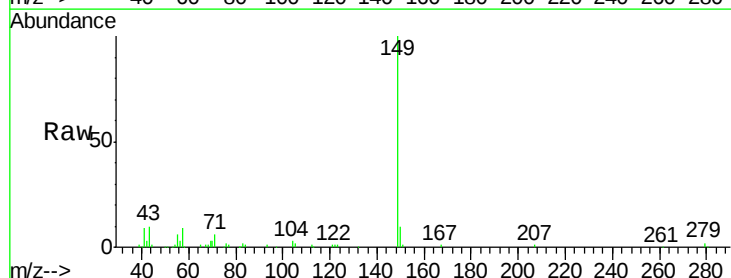
Tgt Ion:149 Resp: 109885

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

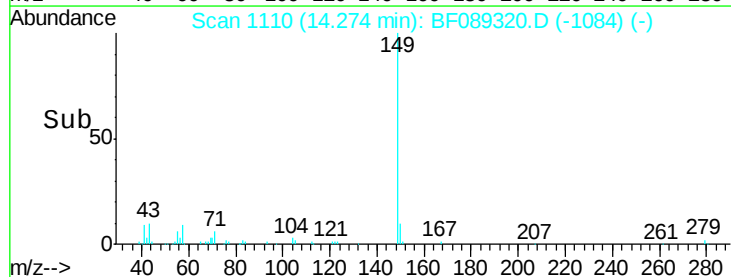
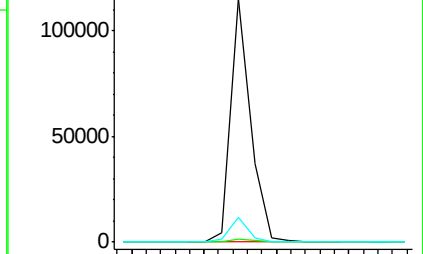
43 9.3 7.3 10.9

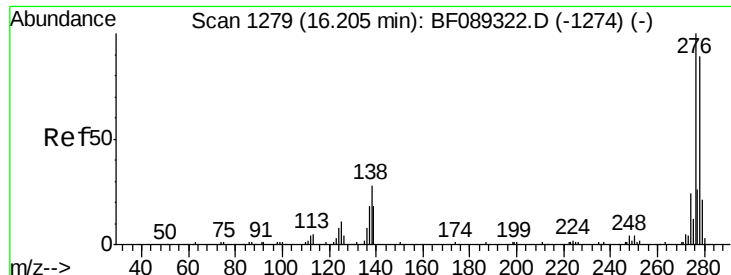


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

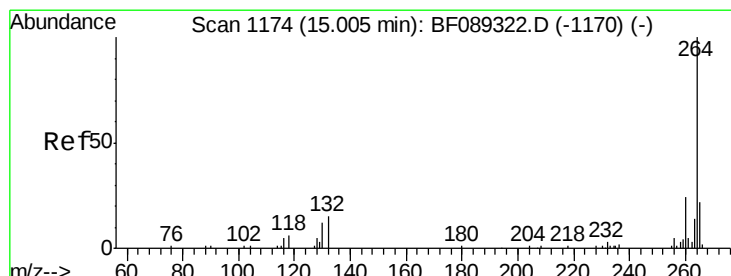
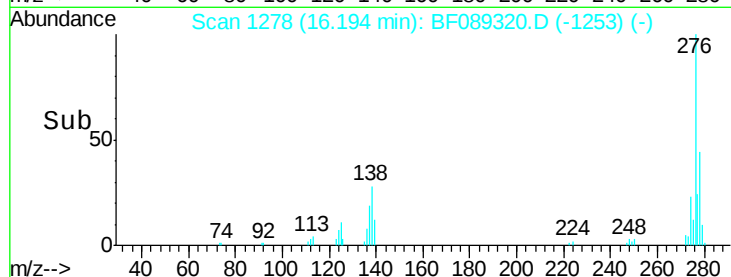
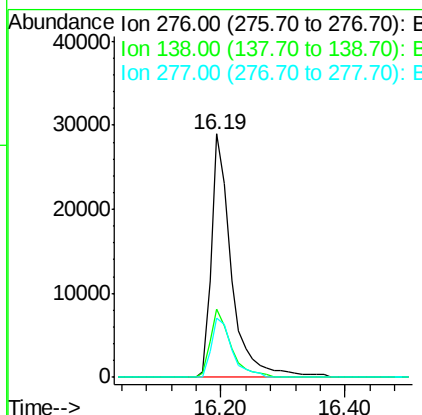
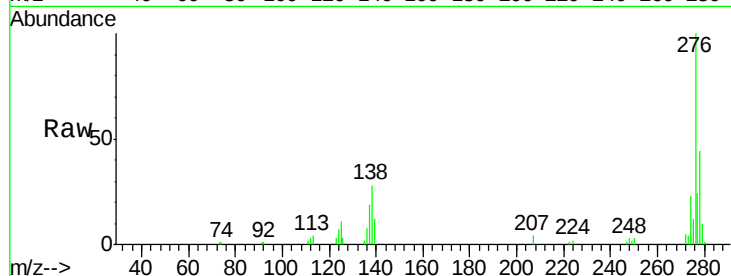




#85
Indeno(1,2,3-cd)pyrene
Concen: 10.34 ng
RT: 16.19 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

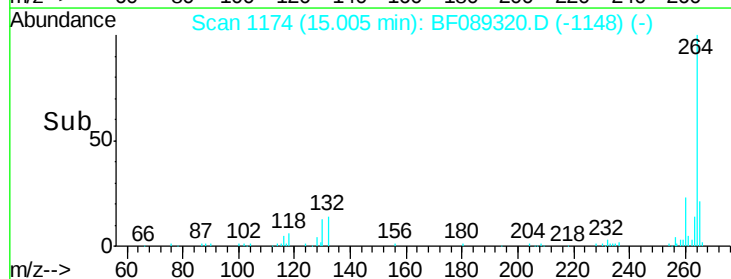
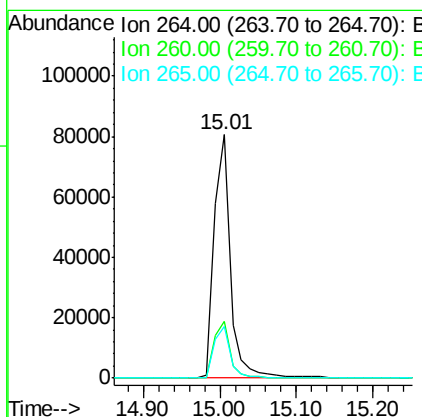
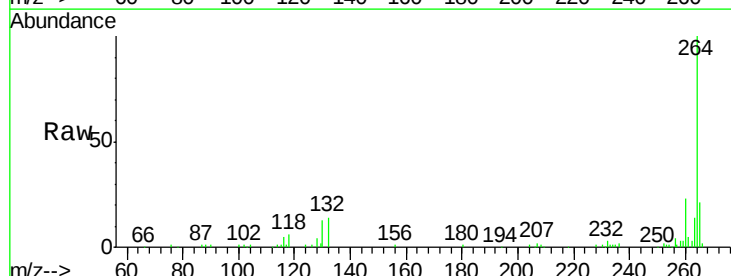
Instrument :
BNA_F
ClientSampleId :

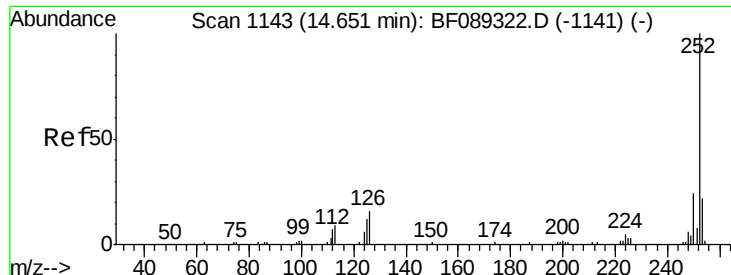
Tot Ion:276 Resp: 64118
Ion Ratio Lower Upper
276 100
138 28.7 23.0 34.4
277 24.6 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion:264 Resp: 118549
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 21.2 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 18.25 ng

RT: 14.67 min Scan# 1145

Delta R.T. 0.02 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampled :

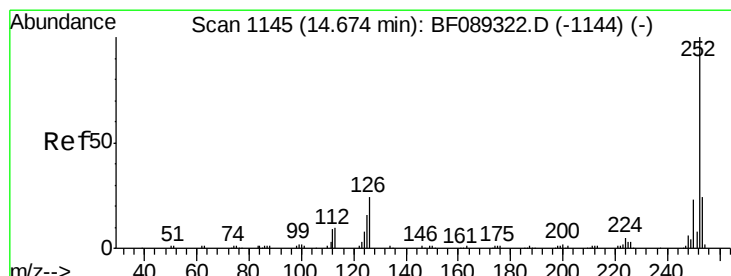
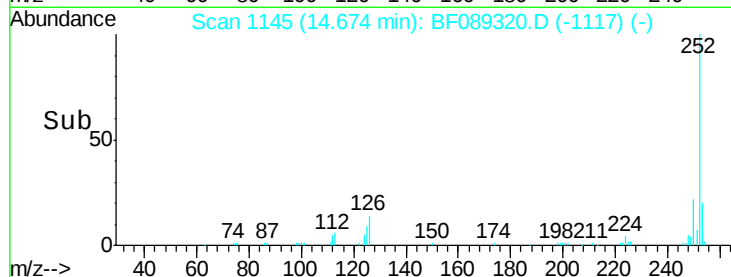
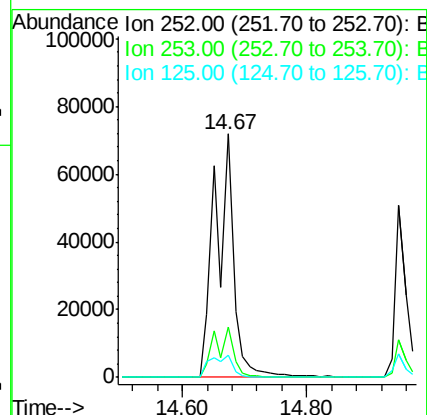
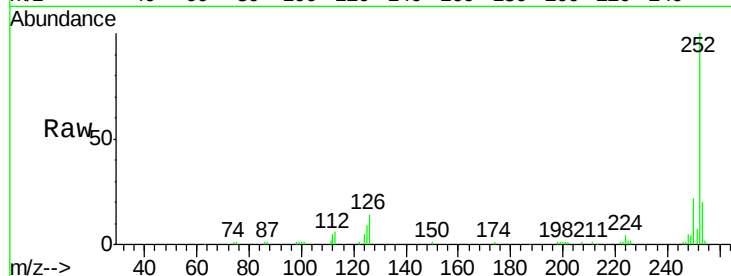
Tot Ion:252 Resp: 148637

Ion Ratio Lower Upper

252 100

253 20.4 17.2 25.8

125 9.3 9.7 14.5#



#88

Benzo(k)fluoranthene

Concen: 22.94 ng

RT: 14.67 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

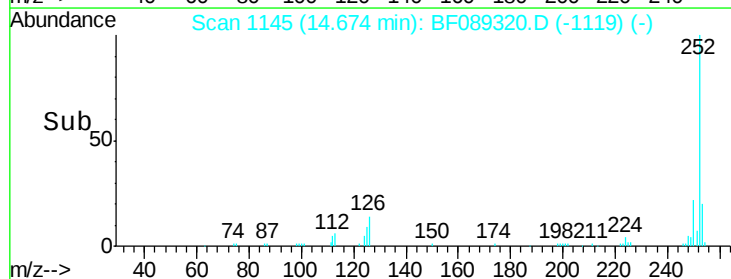
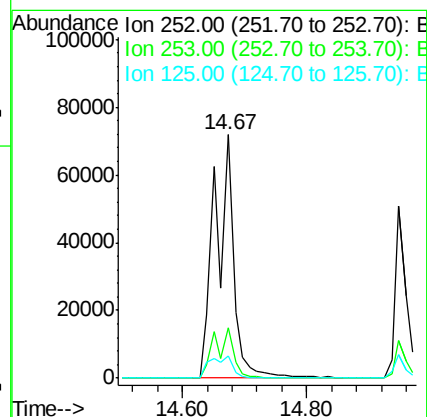
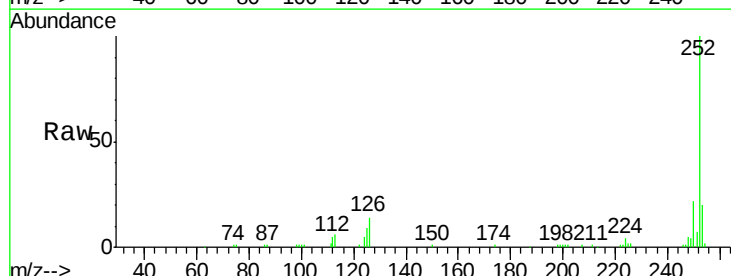
Tgt Ion:252 Resp: 148637

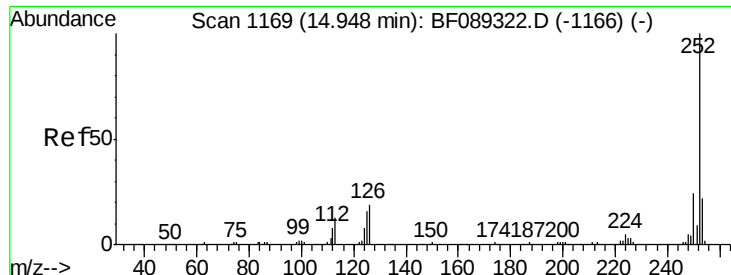
Ion Ratio Lower Upper

252 100

253 20.4 17.8 26.8

125 9.3 10.7 16.1#

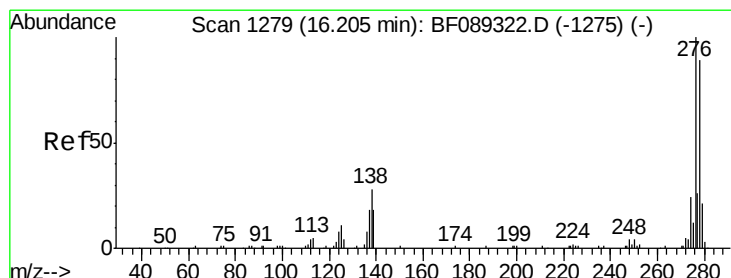
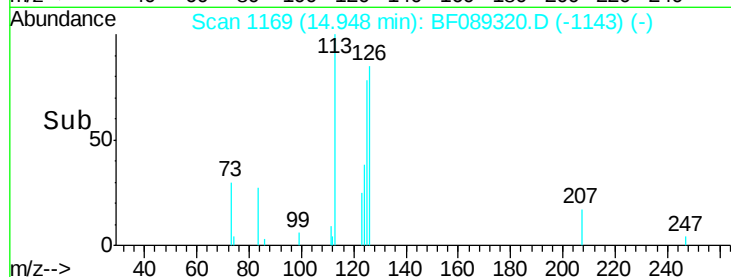
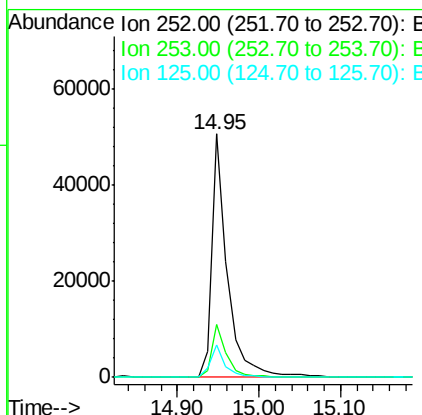
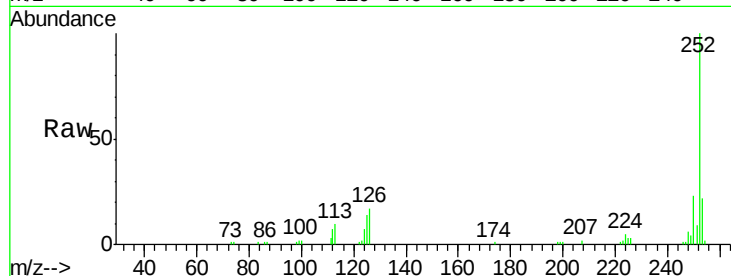




#89
Benzo(a)pyrene
Concen: 10.21 ng
RT: 14.95 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

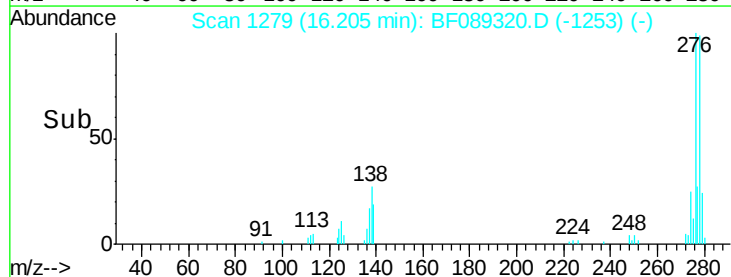
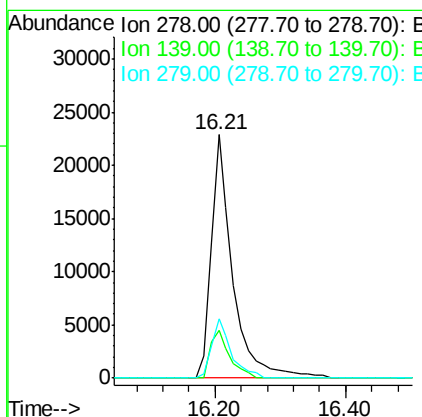
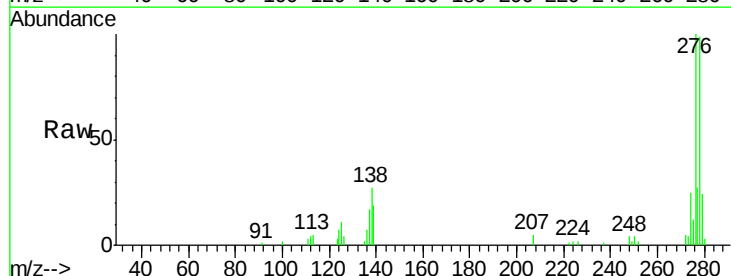
Instrument :
BNA_F
ClientSampleId :

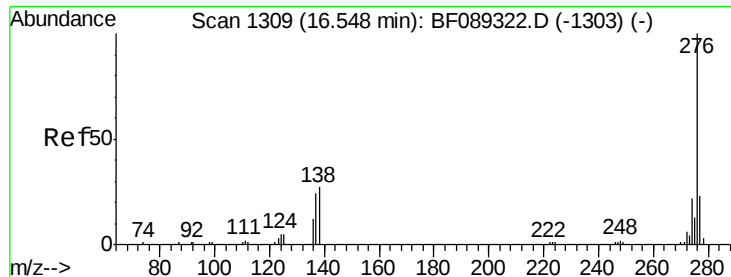
Tot Ion:252 Resp: 68091
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 13.5 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 10.00 ng
RT: 16.21 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF089320.D
Acq: 27 Jul 2016 9:57

Tgt Ion:278 Resp: 52545
Ion Ratio Lower Upper
278 100
139 19.6 16.3 24.5
279 24.4 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 9.76 ng

RT: 16.55 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF089320.D

Acq: 27 Jul 2016 9:57

Instrument :

BNA_F

ClientSampleId :

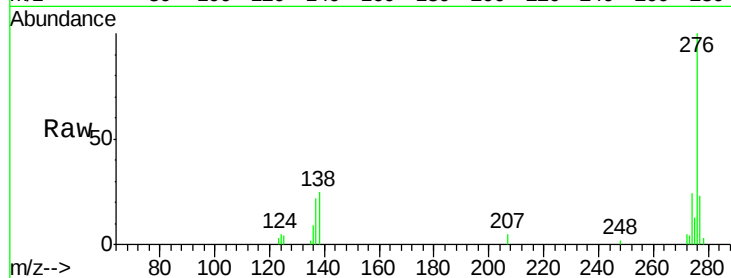
Tot Ion: 276 Resp: 51666

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 24.6 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

