

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089330.D
 Acq On : 27 Jul 2016 15:54
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 18:40:22 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 17:12:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43504	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	185608	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	89769	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	165473	20.00	ng	0.00
75) Chrysene-d12	13.67	240	123991	20.00	ng	0.00
86) Perylene-d12	15.01	264	94093	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	227495	83.50	ng	0.00
7) Phenol-d6	6.20	99	301105	83.63	ng	0.00
23) Nitrobenzene-d5	7.12	82	260121	82.72	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	64317	86.51	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	517544	84.61	ng	0.00
78) Terphenyl-d14	12.63	244	410347	77.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	49790	40.37	ng	97
3) Pyridine	2.56	79	112438	42.18	ng	98
4) n-Nitrosodimethylamine	2.54	42	41594	39.53	ng	92
6) Aniline	6.20	93	166611	42.85	ng	99
8) 2-Chlorophenol	6.33	128	131746	42.75	ng	99
9) Benzaldehyde	6.09	77	69973	39.80	ng	99
10) Phenol	6.22	94	172466	43.41	ng	98
11) bis(2-Chloroethyl)ether	6.30	93	134935	39.97	ng	99
12) 1,3-Dichlorobenzene	6.48	146	132444	41.08	ng	99
13) 1,4-Dichlorobenzene	6.56	146	144343	40.57	ng	99
14) 1,2-Dichlorobenzene	6.72	146	133588	40.08	ng	97
15) Benzyl Alcohol	6.71	79	92658	41.47	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.83	45	152396	41.39	ng	95
17) 2-Methylphenol	6.83	107	93246	39.15	ng	# 91
18) Hexachloroethane	7.05	117	55099	40.40	ng	100
19) n-Nitroso-di-n-propylamine	6.98	70	91815	42.29	ng	99
20) 3+4-Methylphenols	6.98	107	124356	40.65	ng	96
22) Acetophenone	6.97	105	189793	42.95	ng	98
24) Nitrobenzene	7.14	77	146344	40.89	ng	99
25) Isophorone	7.38	82	262451	41.43	ng	99
26) 2-Nitrophenol	7.46	139	64769	40.48	ng	96
27) 2,4-Dimethylphenol	7.51	122	106696	41.86	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	146630	41.82	ng	99
29) 2,4-Dichlorophenol	7.70	162	103874	44.72	ng	99
30) 1,2,4-Trichlorobenzene	7.78	180	109860	41.45	ng	99
31) Naphthalene	7.85	128	363472	39.55	ng	100
32) Benzoic acid	7.67	122	68353	38.48	ng	96
33) 4-Chloroaniline	7.92	127	140499	40.15	ng	100
34) Hexachlorobutadiene	7.98	225	62477	41.16	ng	98
35) Caprolactam	8.30	113	27756	39.59	ng	95
36) 4-Chloro-3-methylphenol	8.41	107	123403	44.70	ng	99
37) 2-Methylnaphthalene	8.55	142	224542	40.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	120973	38.51	ng	99
40) Hexachlorocyclopentadiene	8.70	237	29631	38.32	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089330.D
 Acq On : 27 Jul 2016 15:54
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 18:40:22 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 17:12:17 2016
 Response via : Initial Calibration

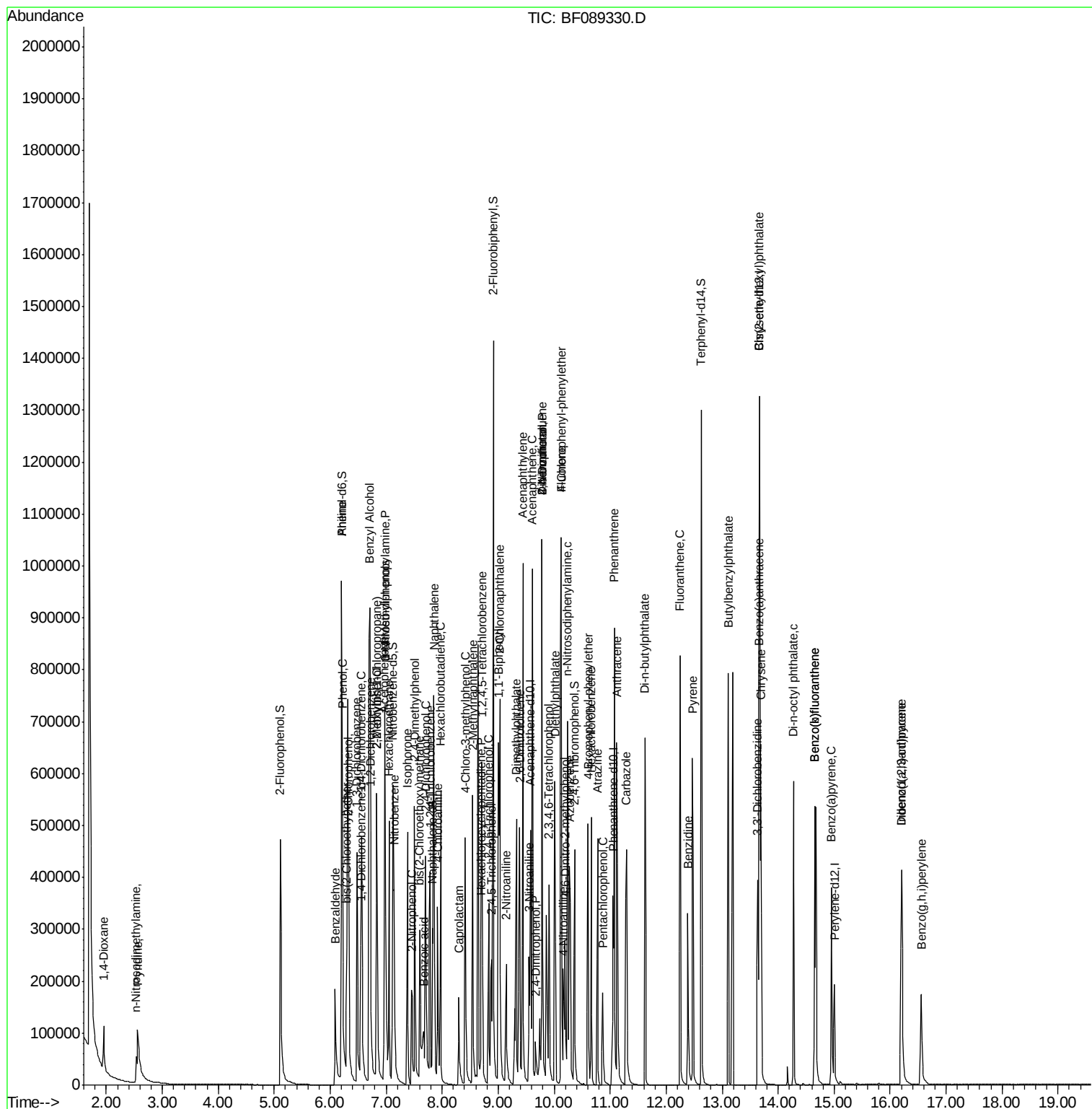
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	61261	41.02	nq	100
43) 2,4,5-Trichlorophenol	8.88	196	75063	39.68	nq	97
45) 1,1'-Biphenyl	9.00	154	284677	37.24	nq	99
46) 2-Chloronaphthalene	9.03	162	230078	40.08	nq	99
47) 2-Nitroaniline	9.14	65	69422	40.84	nq	100
48) Acenaphthylene	9.44	152	374506	41.42	nq	99
49) Dimethylphthalate	9.32	163	282339	41.33	nq	100
50) 2,6-Dinitrotoluene	9.38	165	60846	43.34	nq	95
51) Acenaphthene	9.61	154	220251	41.71	nq	100
52) 3-Nitroaniline	9.55	138	61411	41.46	nq	98
53) 2,4-Dinitrophenol	9.67	184	23175	46.69	nq	98
54) Dibenzofuran	9.78	168	288996	40.17	nq	100
55) 4-Nitrophenol	9.78	139	161734	213.03	nq	# 9
56) 2,4-Dinitrotoluene	9.78	165	75228	40.71	nq	89
57) Fluorene	10.12	166	255336	40.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	54743	43.34	nq	96
59) Diethylphthalate	10.01	149	267111	38.57	nq	99
60) 4-Chlorophenyl-phenylether	10.12	204	107463	37.30	nq	98
61) 4-Nitroaniline	10.17	138	64633	42.33	nq	84
62) Azobenzene	10.27	77	272482	38.20	nq	99
64) 4,6-Dinitro-2-methylphenol	10.19	198	40310	41.05	nq	95
65) n-Nitrosodiphenylamine	10.24	169	210768	40.82	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	69796	44.18	nq	95
67) Hexachlorobenzene	10.66	284	62453	38.57	nq	96
68) Atrazine	10.78	200	70748	44.60	nq	98
69) Pentachlorophenol	10.87	266	27809	38.83	nq	98
70) Phenanthrene	11.07	178	362432	42.47	nq	99
71) Anthracene	11.12	178	376663	39.70	nq	100
72) Carbazole	11.29	167	319525	40.00	nq	100
73) Di-n-butylphthalate	11.62	149	403375	37.64	nq	99
74) Fluoranthene	12.25	202	383581	42.73	nq	99
76) Benzidine	12.39	184	181603	39.64	nq	99
77) Pyrene	12.47	202	360471	38.36	nq	100
79) Butylbenzylphthalate	13.11	149	182723	42.77	nq	98
80) Benzo(a)anthracene	13.66	228	276060	39.45	nq	99
81) 3,3'-Dichlorobenzidine	13.63	252	105502	41.90	nq	100
82) Chrysene	13.69	228	279531	37.53	nq	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	237943	38.53	nq	99
84) Di-n-octyl phthalate	14.27	149	371939	38.59	nq	100
85) Indeno(1,2,3-cd)pyrene	16.21	276	202218	38.19	nq	100
87) Benzo(b)fluoranthene	14.65	252	463957	79.40	nq	98
88) Benzo(k)fluoranthene	14.65	252	464205	86.41	nq	99
89) Benzo(a)pyrene	14.95	252	214769	40.97	nq	99
90) Dibenzo(a,h)anthracene	16.21	278	168840	40.89	nq	99
91) Benzo(g,h,i)perylene	16.56	276	163891	40.38	nq	95

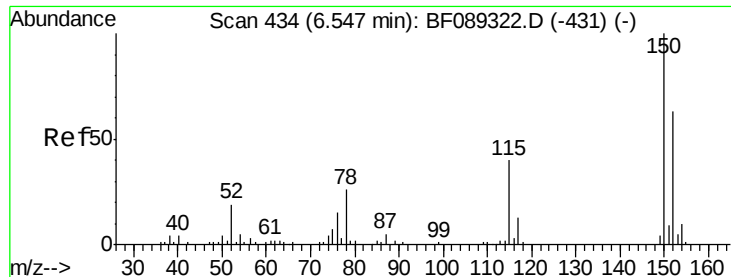
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\  
Data File : BF089330.D  
Acq On    : 27 Jul 2016   15:54  
Operator  : UM/SJ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 27 18:40:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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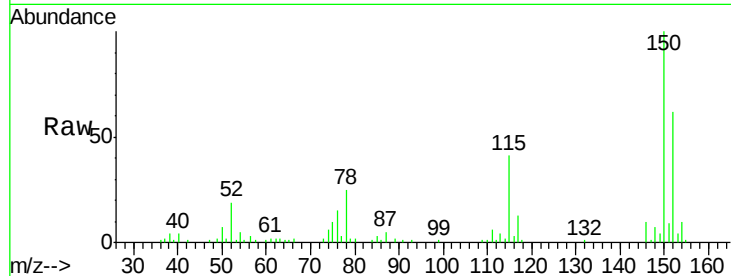


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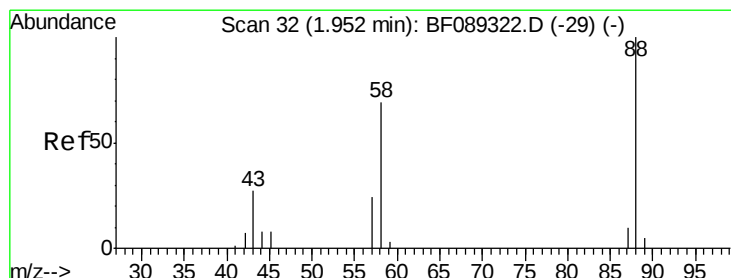
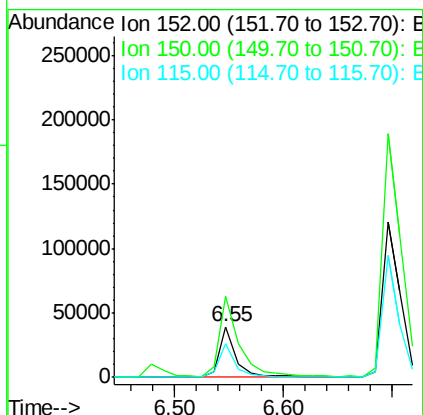
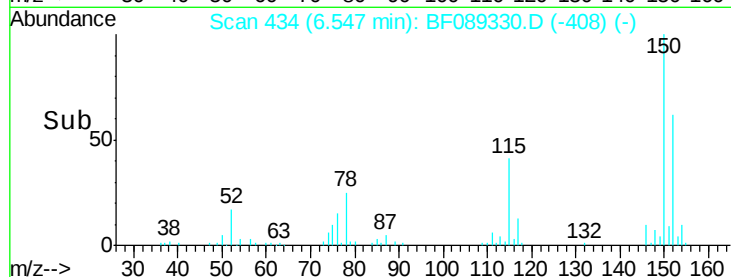
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 43504
Ion Ratio Lower Upper
152 100
150 161.1 129.5 194.3
115 66.1 51.4 77.2



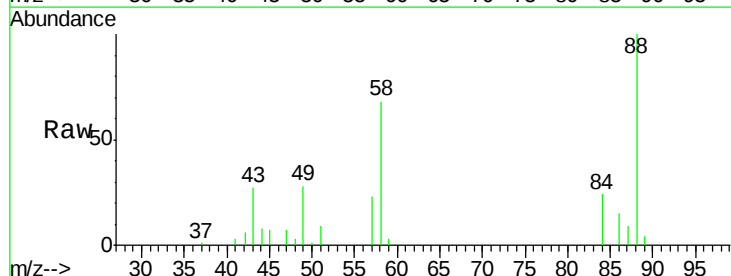
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



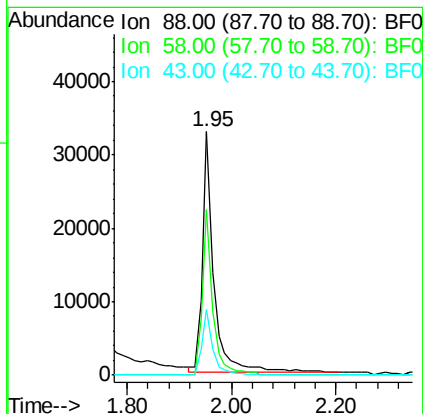
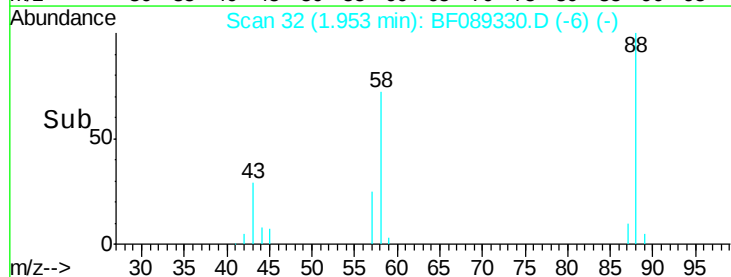
#2

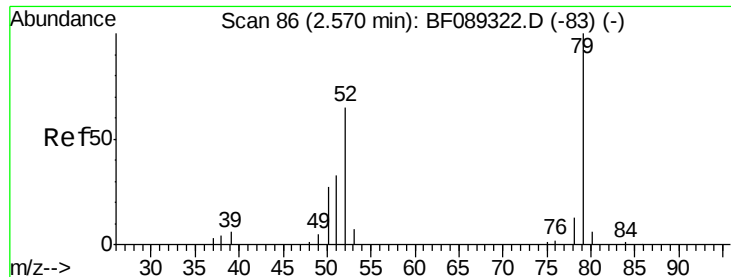
1,4-Dioxane
Concen: 40.37 ng
RT: 1.95 min Scan# 32
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Tgt Ion: 88 Resp: 49790
Ion Ratio Lower Upper
88 100
58 63.3 53.2 79.8
43 26.1 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: 42.18 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.01 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :
BNA_F
ClientSampleId :

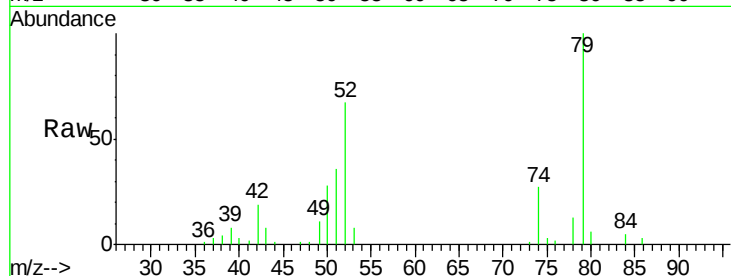
Tot Ion: 79 Resp: 112438

Ion Ratio Lower Upper

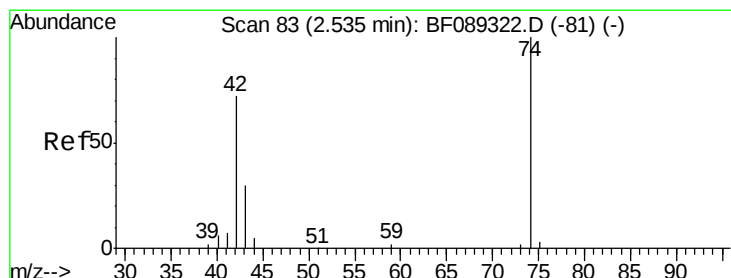
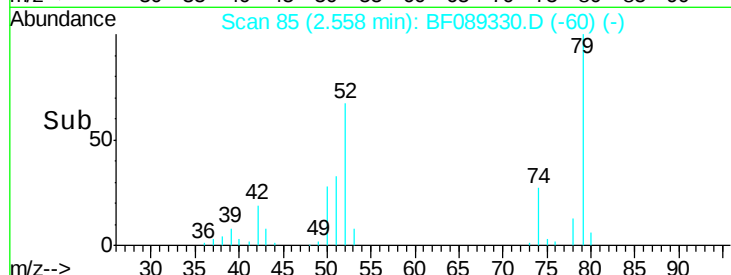
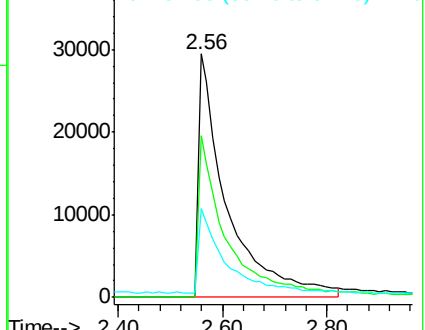
79 100

52 66.7 51.9 77.9

51 36.2 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.53 ng

RT: 2.54 min Scan# 83

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

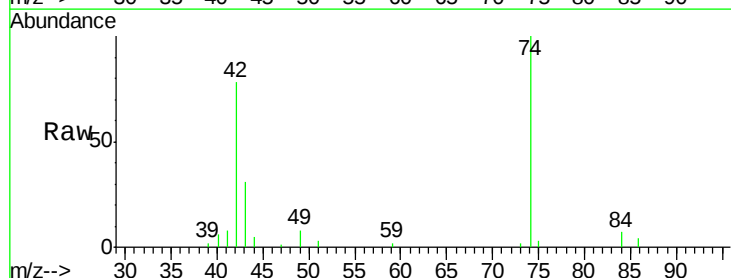
Tgt Ion: 42 Resp: 41594

Ion Ratio Lower Upper

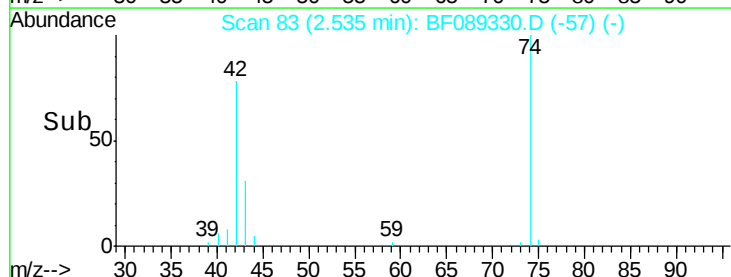
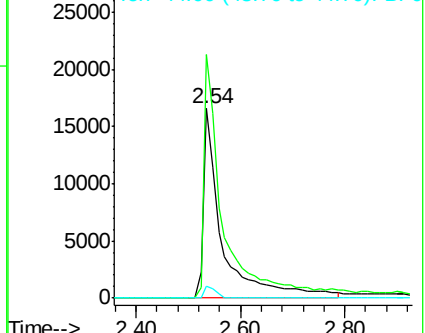
42 100

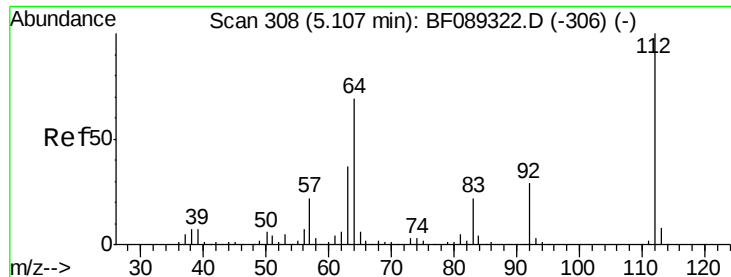
74 128.7 110.8 166.2

44 6.3 5.2 7.8



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.50 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampled :

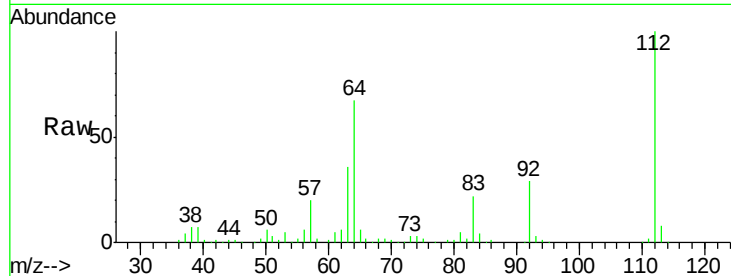
Tot Ion: 112 Resp: 227495

Ion Ratio Lower Upper

112 100

64 67.3 55.0 82.6

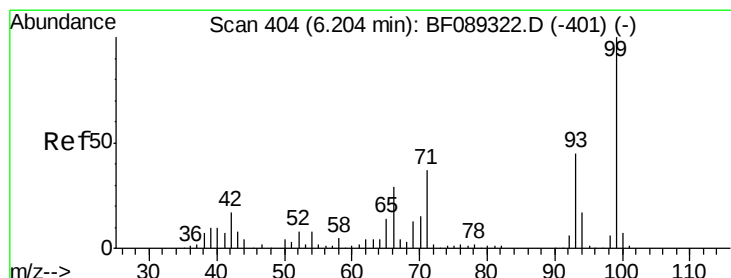
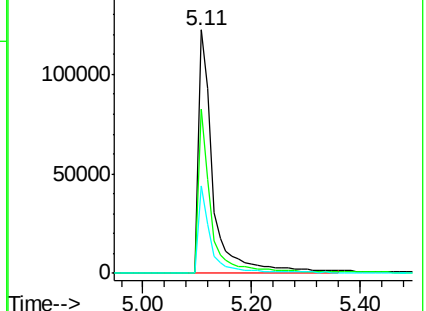
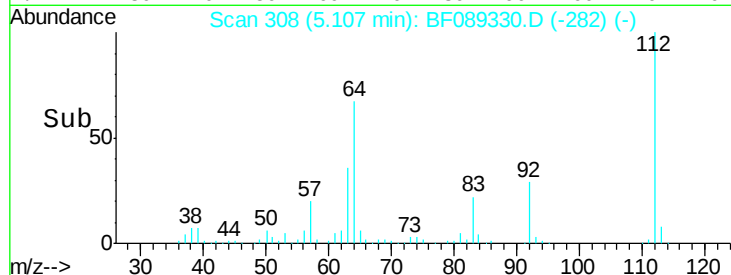
63 35.9 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.85 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

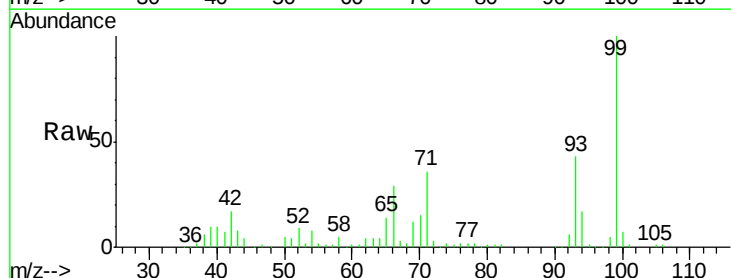
Tgt Ion: 93 Resp: 166611

Ion Ratio Lower Upper

93 100

66 65.7 51.6 77.4

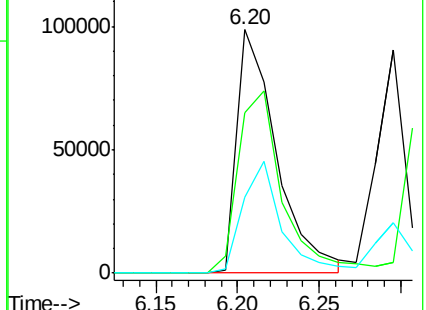
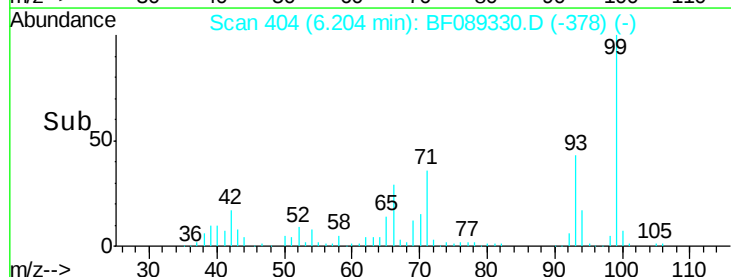
65 31.3 24.7 37.1

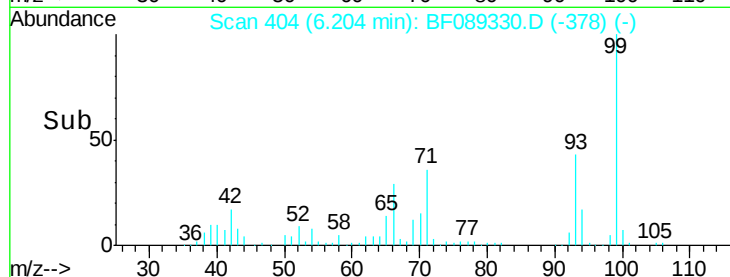
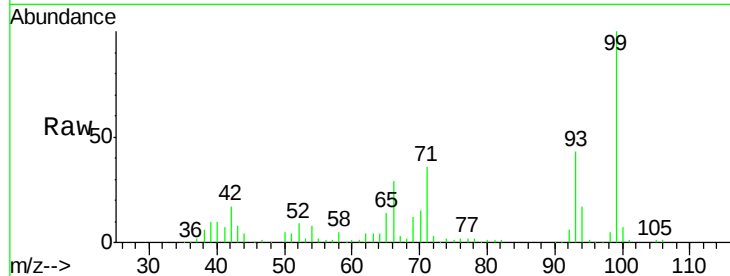
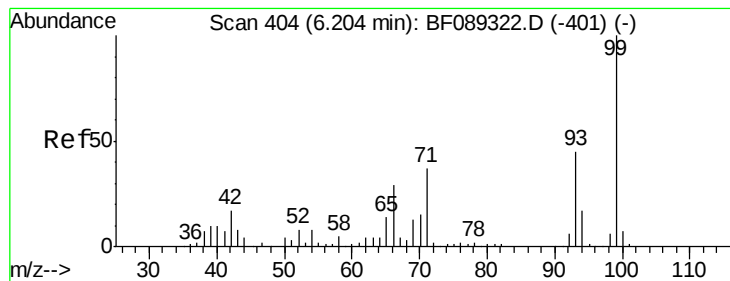


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.63 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

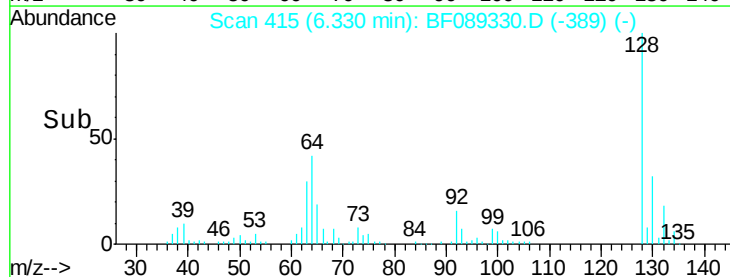
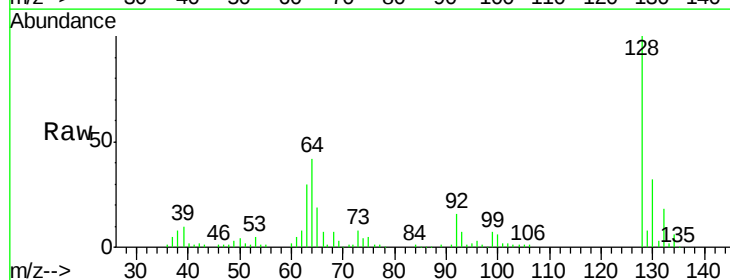
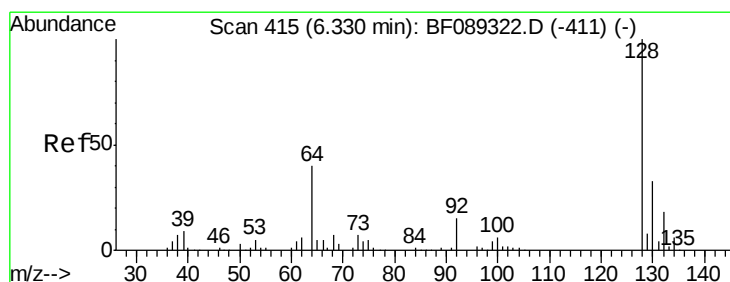
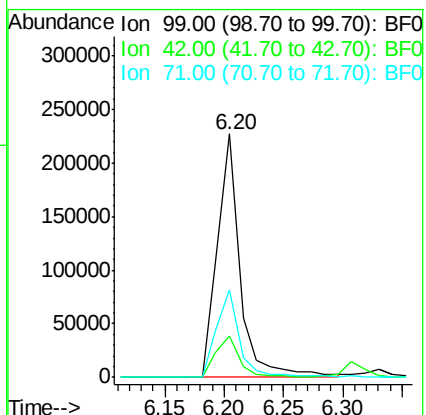
Tot Ion: 99 Resp: 301105

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

71 36.0 29.4 44.2



#8

2-Chlorophenol

Concen: 42.75 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

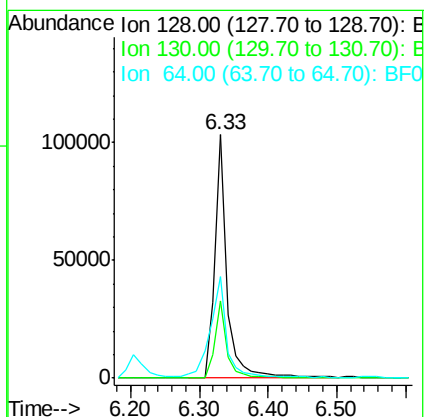
Tgt Ion: 128 Resp: 131746

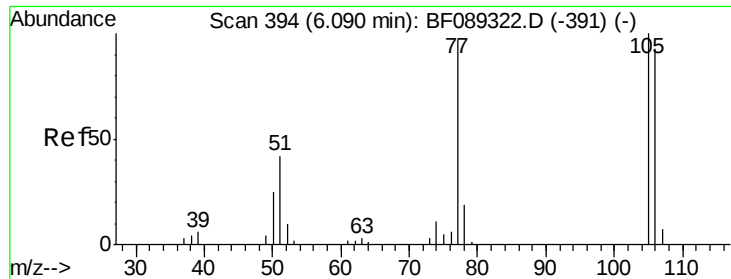
Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

64 42.0 22.1 62.1





#9

Benzaldehyde

Concen: 39.80 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :
BNA_F
ClientSampled :

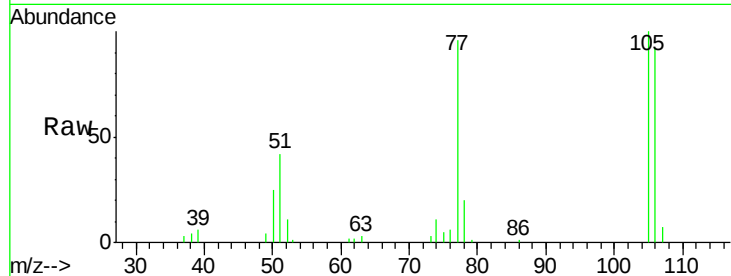
Tot Ion: 77 Resp: 69973

Ion Ratio Lower Upper

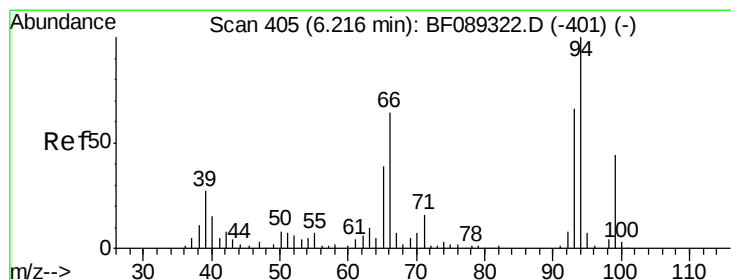
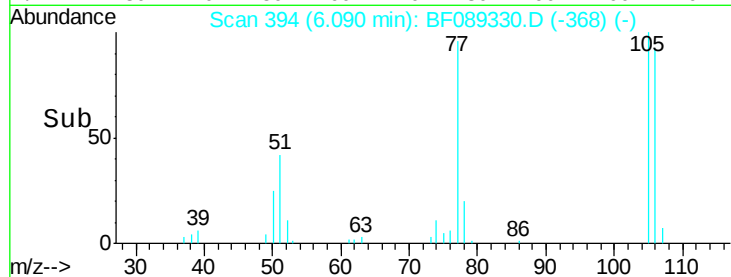
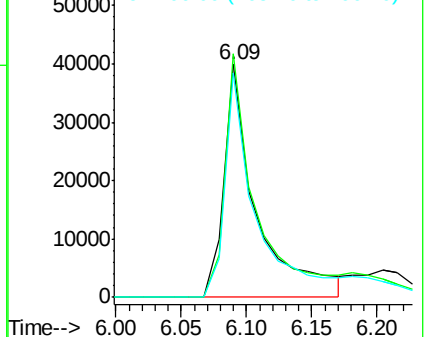
77 100

105 104.5 82.9 122.9

106 96.5 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.41 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

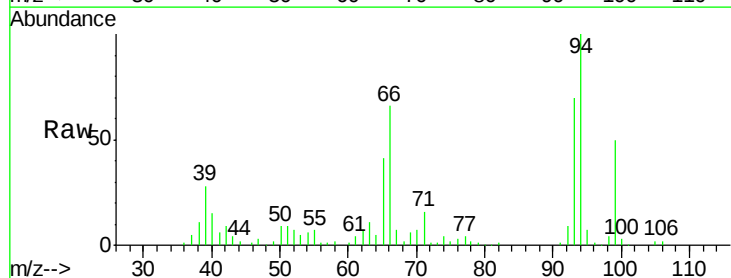
Tgt Ion: 94 Resp: 172466

Ion Ratio Lower Upper

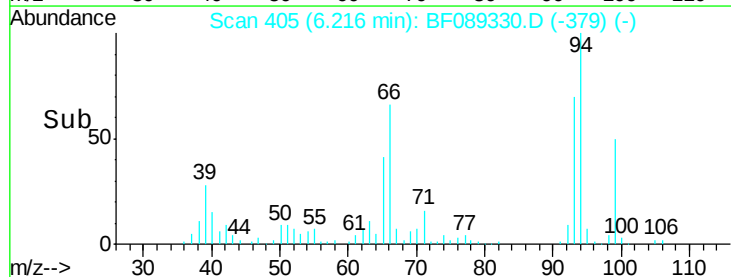
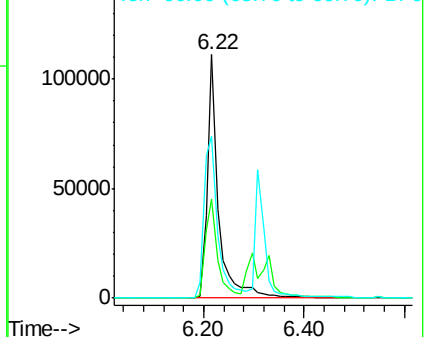
94 100

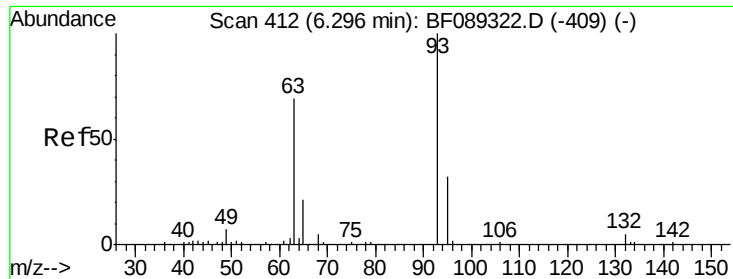
65 40.5 19.1 59.1

66 66.4 44.4 84.4



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

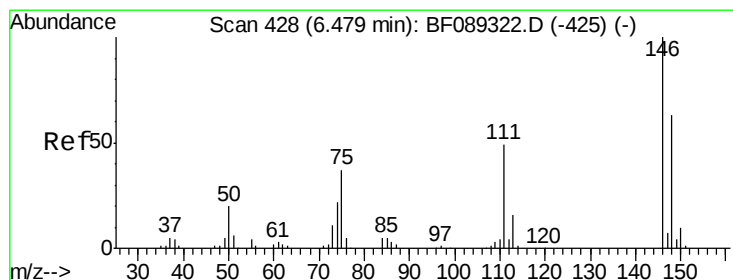
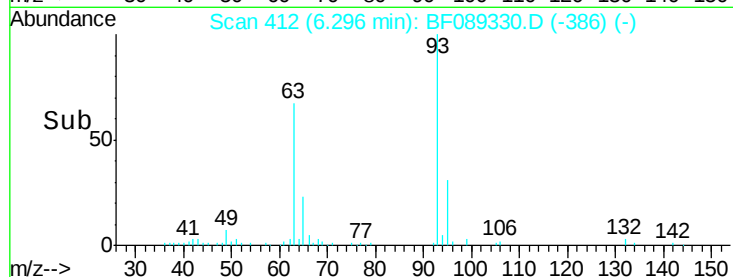
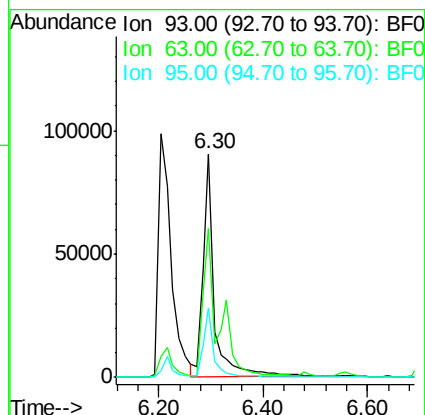
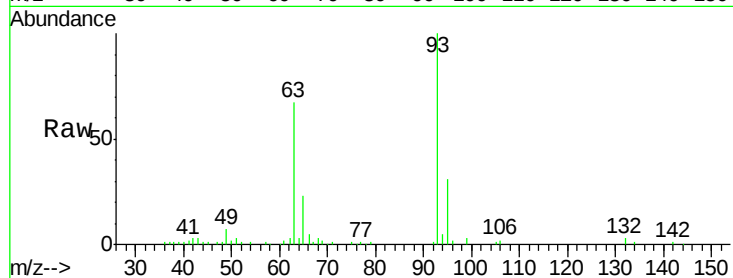




#11
bis(2-Chloroethyl)ether
Concen: 39.97 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

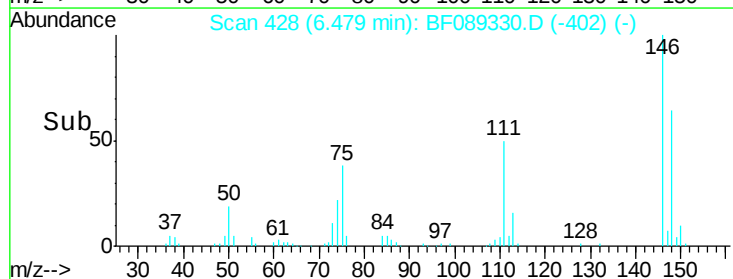
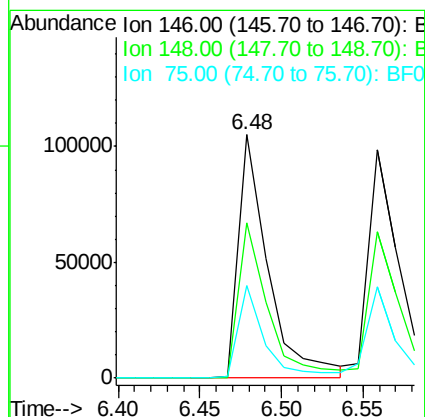
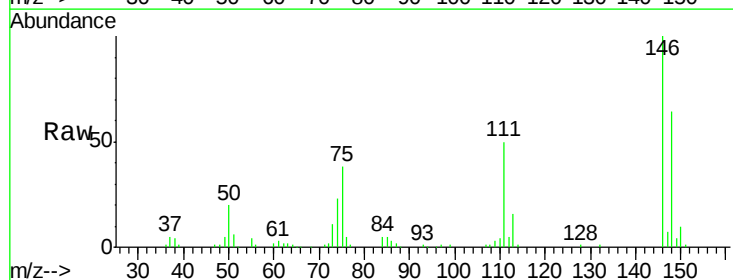
Instrument :
BNA_F
ClientSampleId :

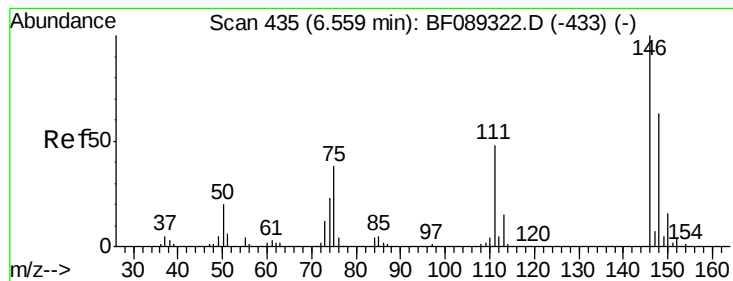
Tot Ion	93	Resp	134935
Ion Ratio	Lower	Upper	
93	100		
63	66.9	45.6	85.6
95	31.2	11.1	51.1



#12
1,3-Dichlorobenzene
Concen: 41.08 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Tgt Ion	146	Resp	132444
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.5	75.7
75	38.0	30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 40.57 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampleId :

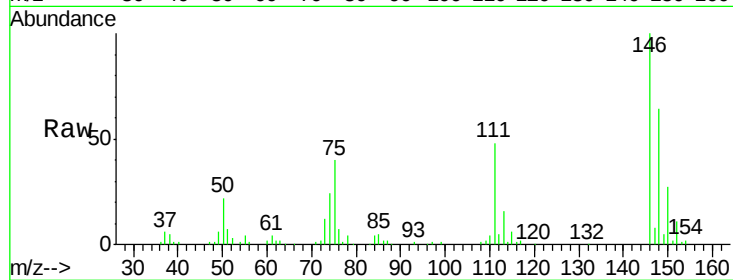
Tot Ion:146 Resp: 144343

Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

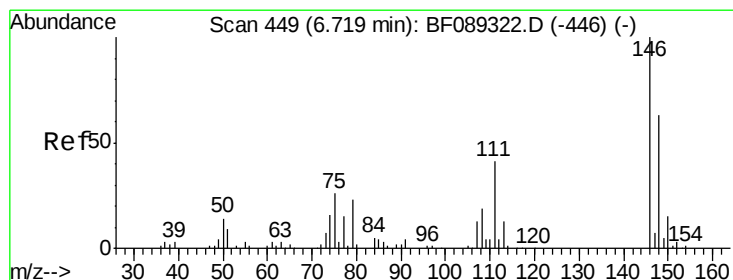
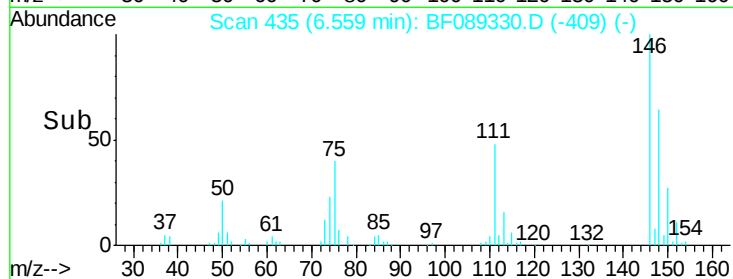
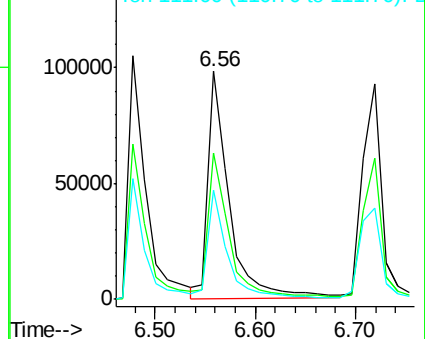
111 48.2 38.6 57.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.08 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

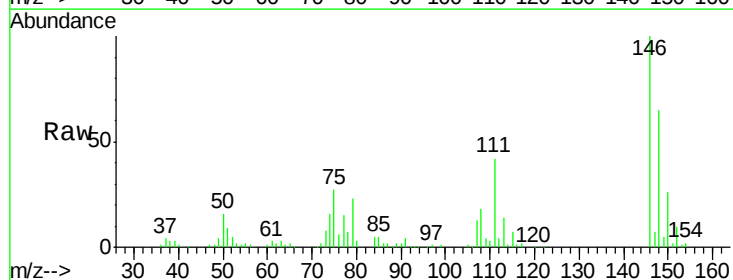
Tgt Ion:146 Resp: 133588

Ion Ratio Lower Upper

146 100

148 65.4 50.4 75.6

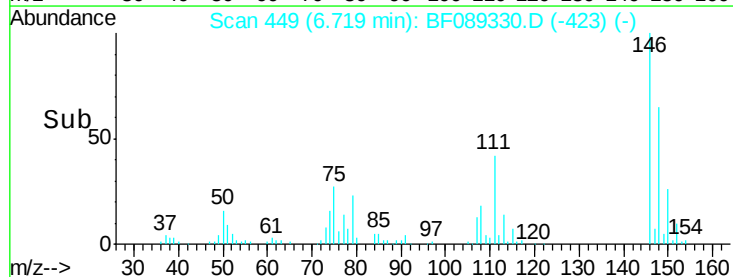
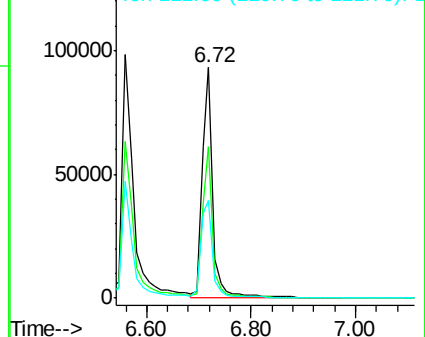
111 42.3 33.0 49.4

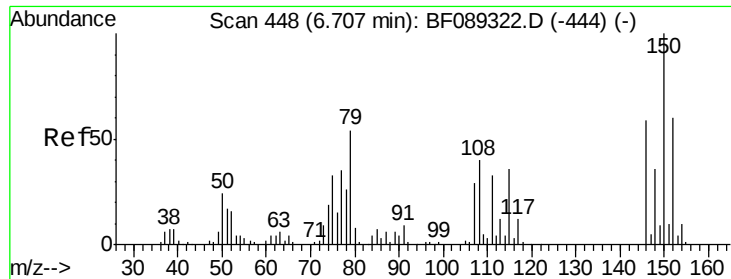


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

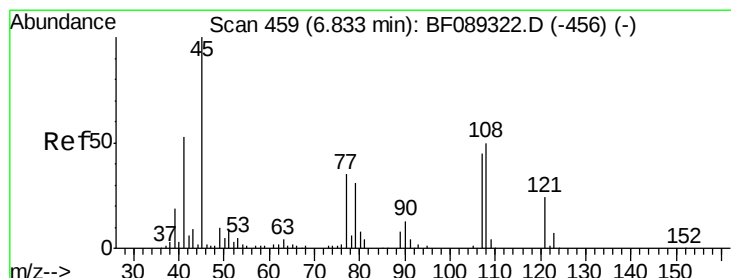
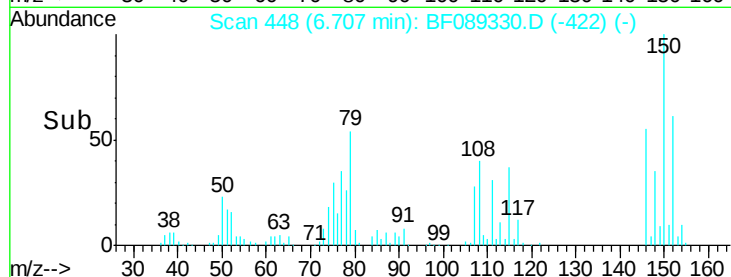
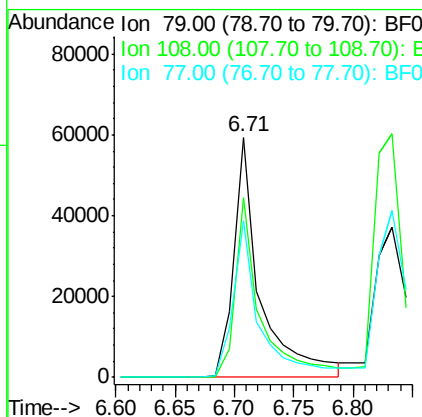
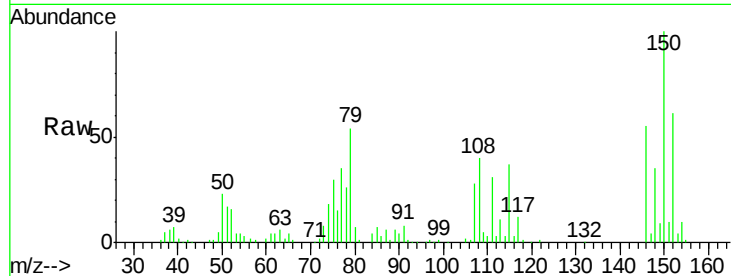




#15
Benzyl Alcohol
Concen: 41.47 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

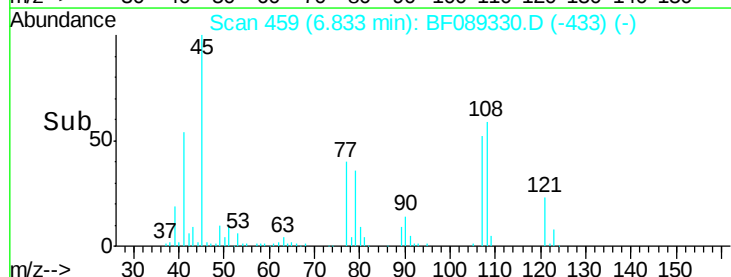
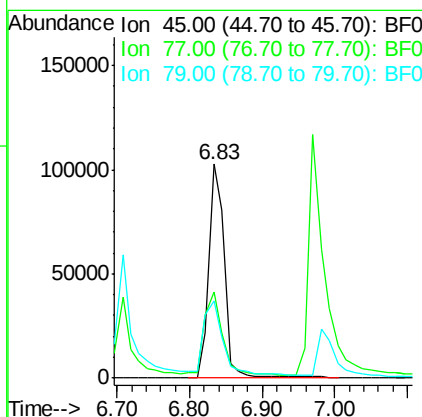
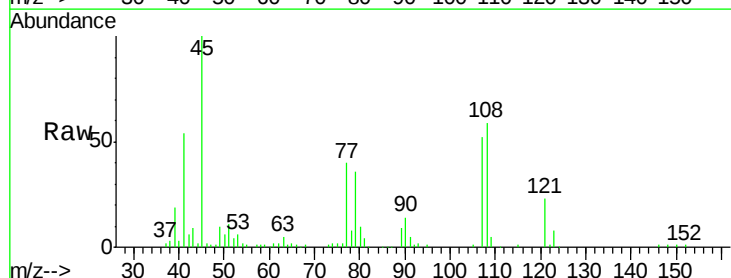
Instrument :
BNA_F
ClientSampleId :

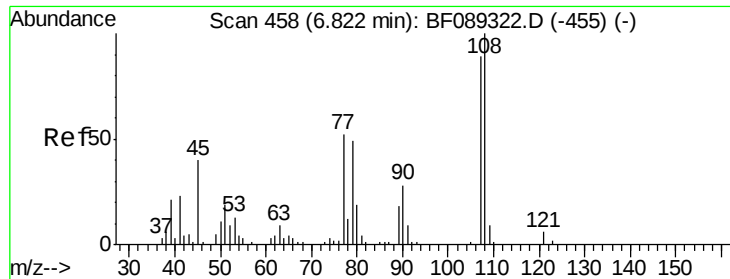
Tot Ion: 79 Resp: 92658
Ion Ratio Lower Upper
79 100
108 74.9 59.8 89.6
77 65.1 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.39 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Tgt Ion: 45 Resp: 152396
Ion Ratio Lower Upper
45 100
77 40.2 17.3 57.3
79 36.2 13.9 53.9





#17

2-Methylphenol

Concen: 39.15 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 93246

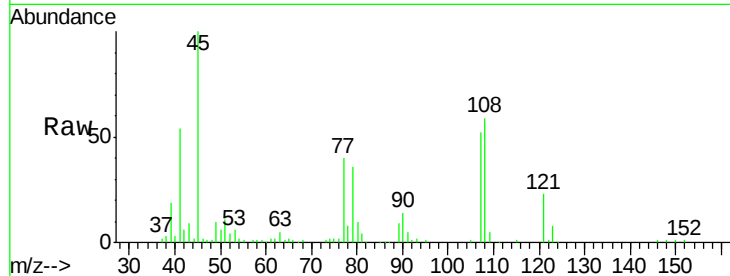
Ion Ratio Lower Upper

107 100

108 113.3 91.4 137.0

77 77.6 48.6 73.0#

79 69.8 48.2 72.4

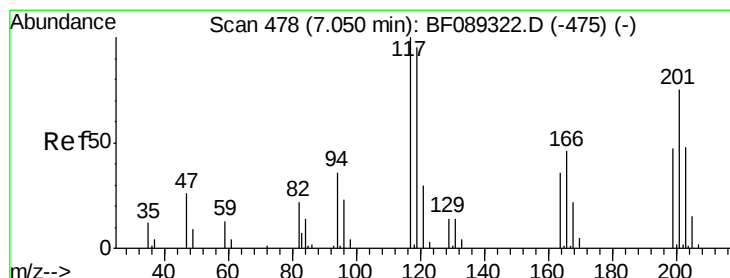
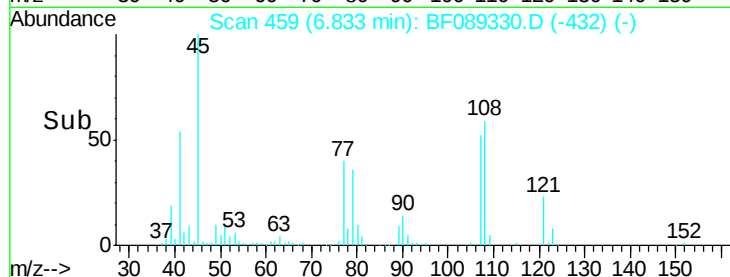
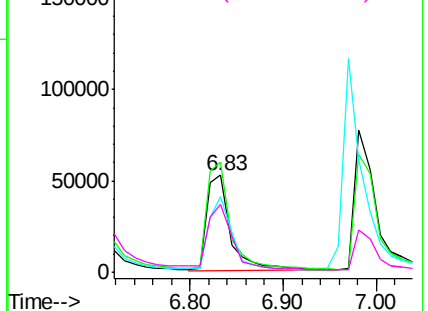


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.40 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

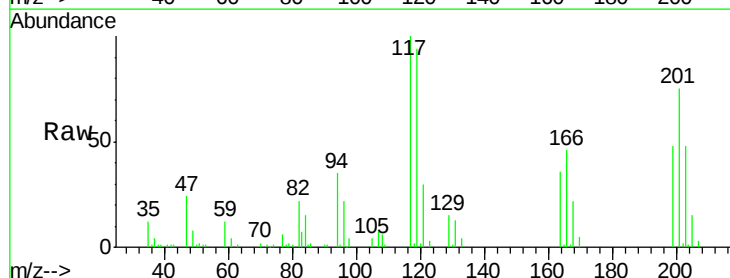
Tgt Ion:117 Resp: 55099

Ion Ratio Lower Upper

117 100

119 94.4 76.0 114.0

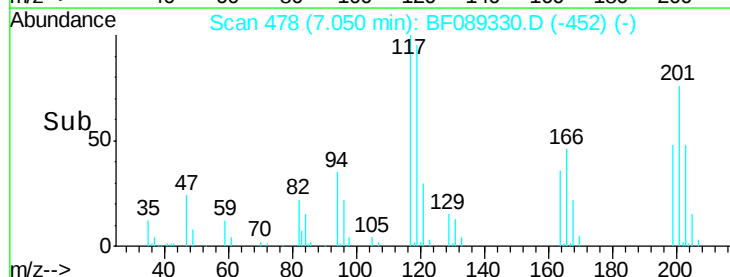
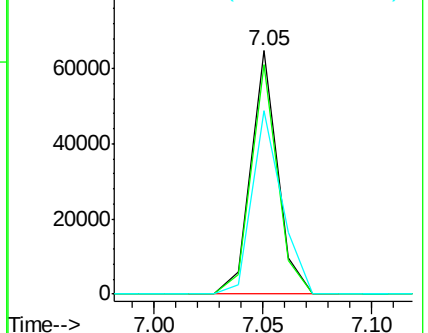
201 75.3 60.0 90.0

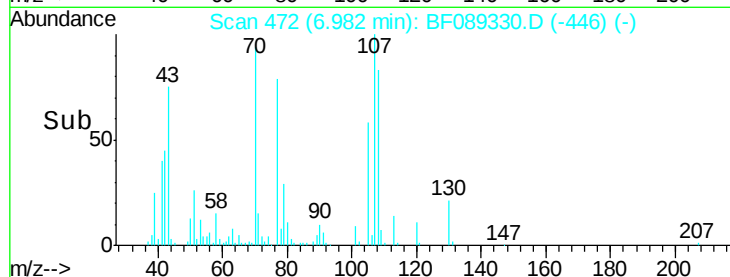
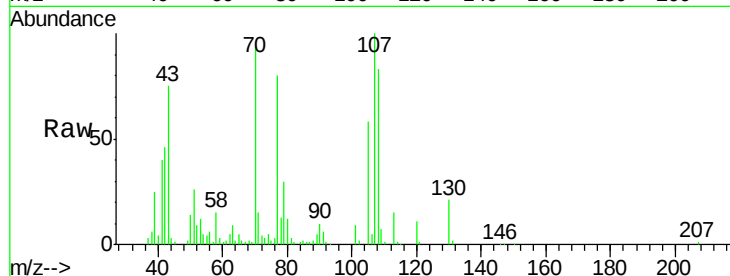
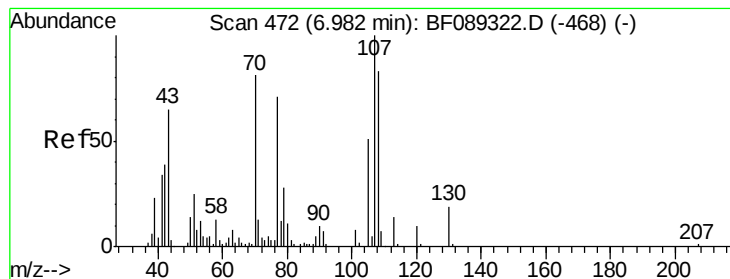


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.29 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 91815

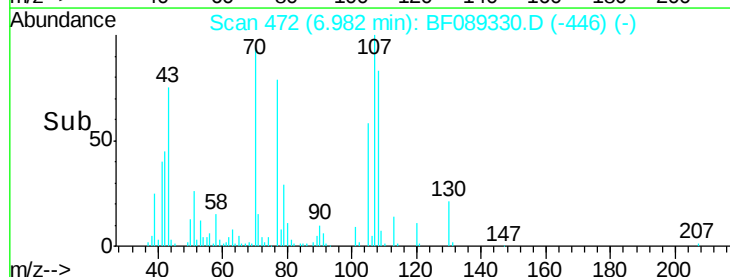
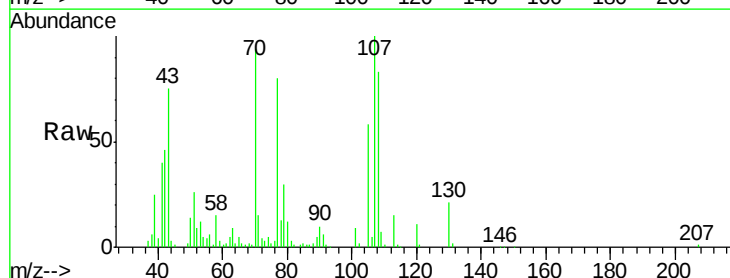
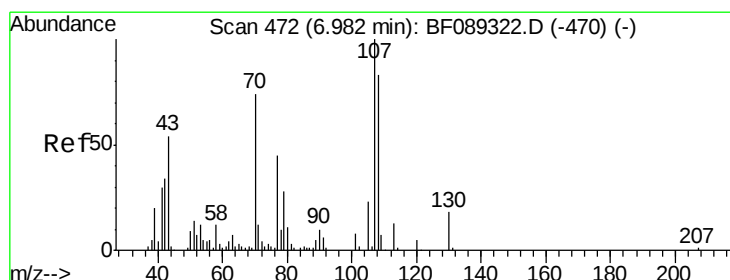
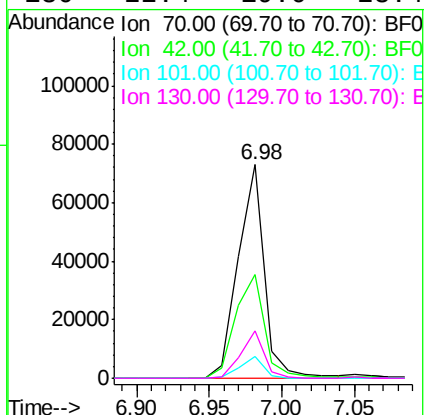
Ion Ratio Lower Upper

70 100

42 48.7 38.6 57.8

101 10.0 8.3 12.5

130 22.4 19.0 28.4



#20

3+4-Methylphenols

Concen: 40.65 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Tgt Ion: 107 Resp: 124356

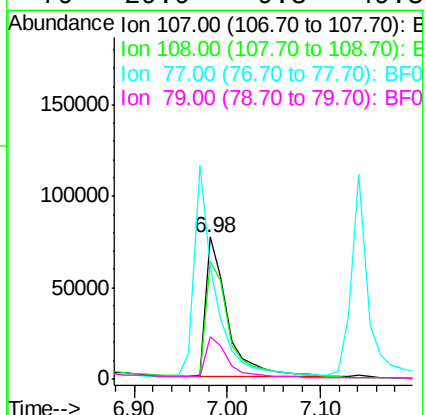
Ion Ratio Lower Upper

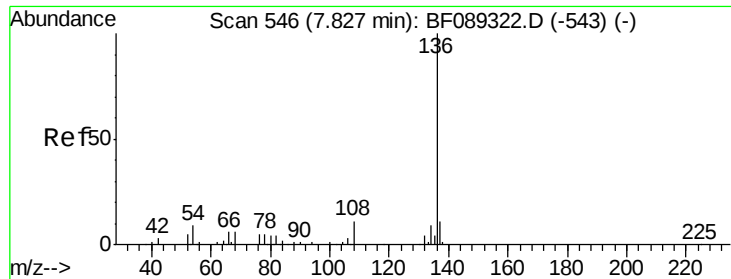
107 100

108 82.8 63.3 103.3

77 79.6 51.1 91.1

79 29.9 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: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 185608

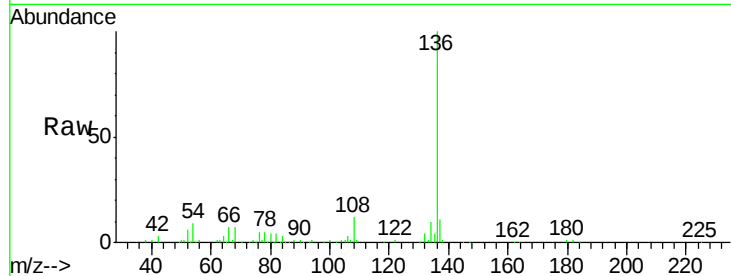
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.0 7.0 10.4

68 6.6 4.9 7.3

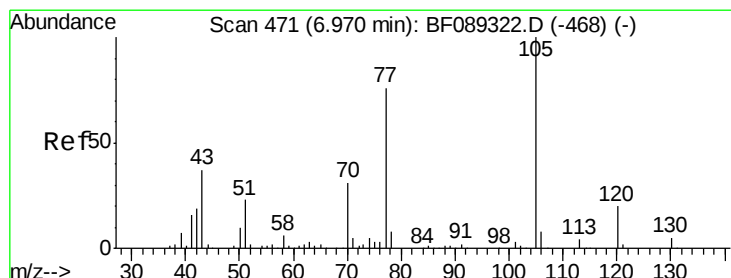
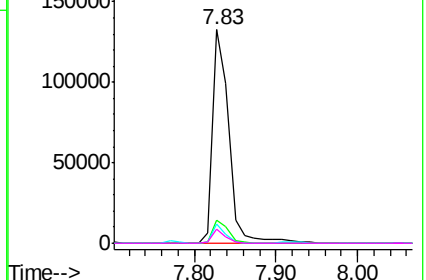
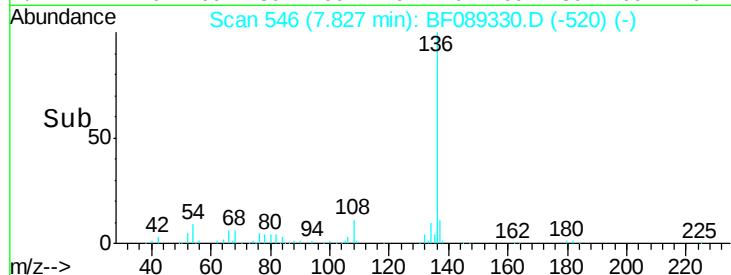


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.95 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Tgt Ion:105 Resp: 189793

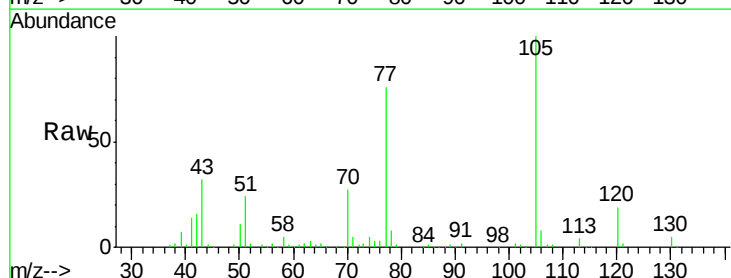
Ion Ratio Lower Upper

105 100

71 4.5 4.2 6.2

51 24.1 18.7 28.1

120 19.0 15.8 23.6

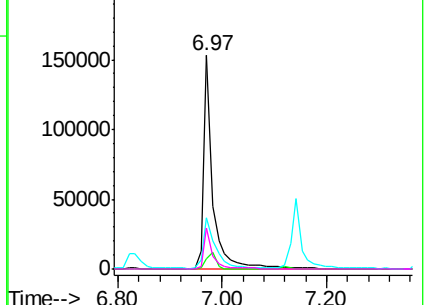
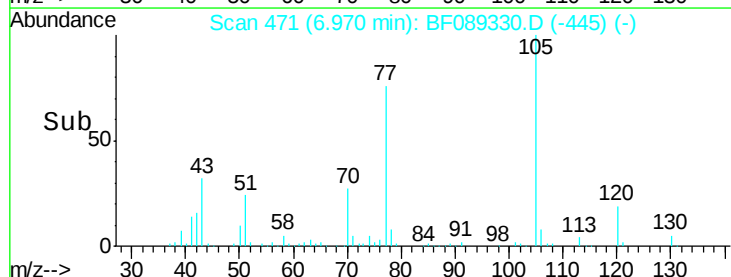


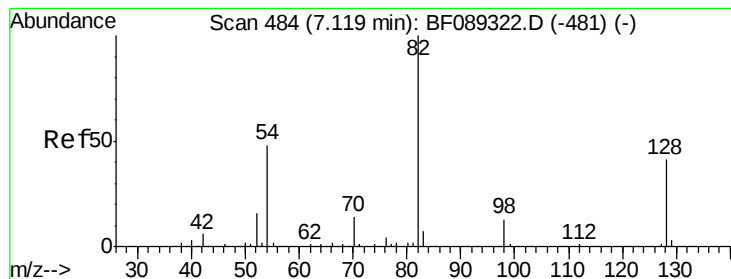
Abundance Ion 105.00 (104.70 to 105.70): E

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: 82.72 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampled :

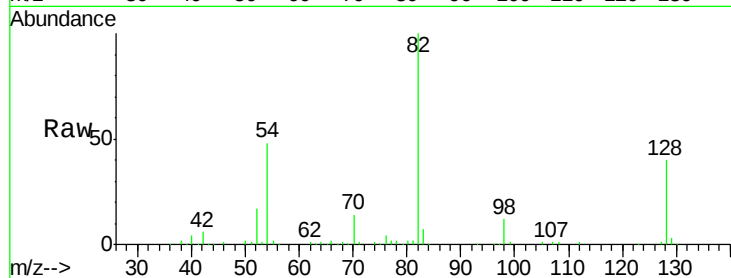
Tot Ion: 82 Resp: 260121

Ion Ratio Lower Upper

82 100

128 39.8 32.5 48.7

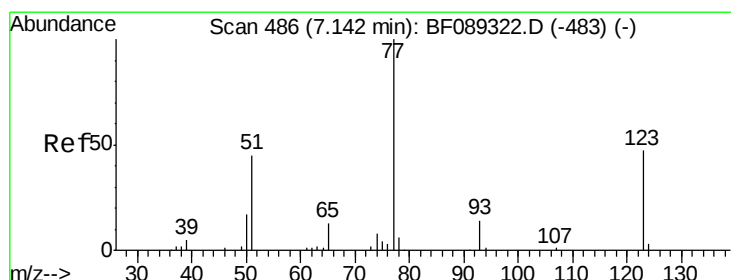
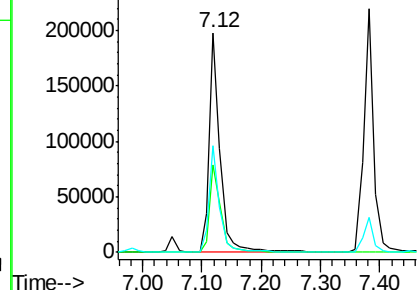
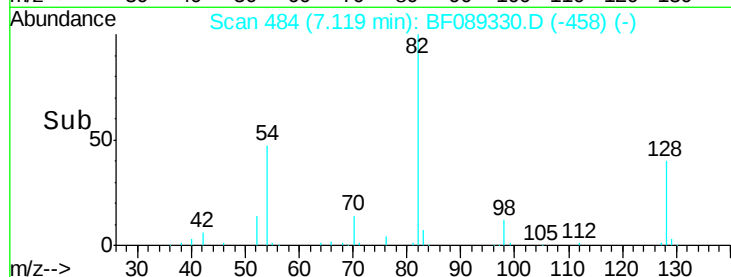
54 48.4 38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.89 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

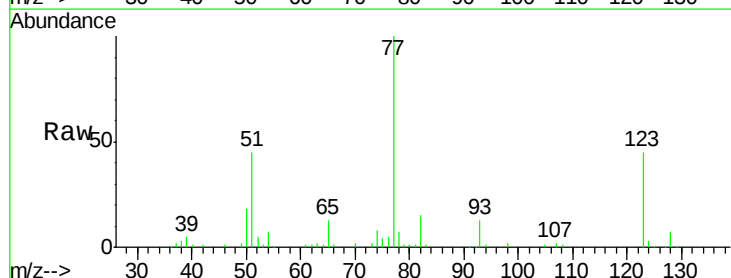
Tgt Ion: 77 Resp: 146344

Ion Ratio Lower Upper

77 100

123 45.5 37.2 55.8

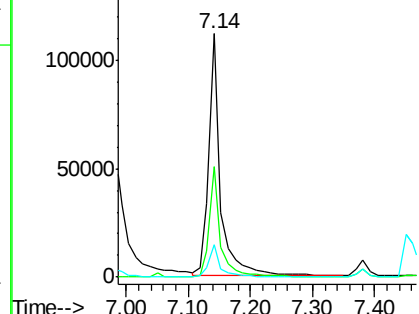
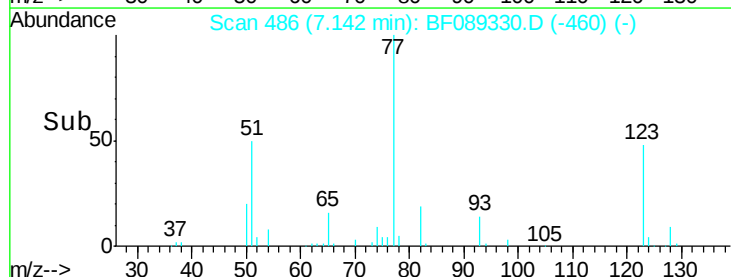
65 13.3 10.2 15.4

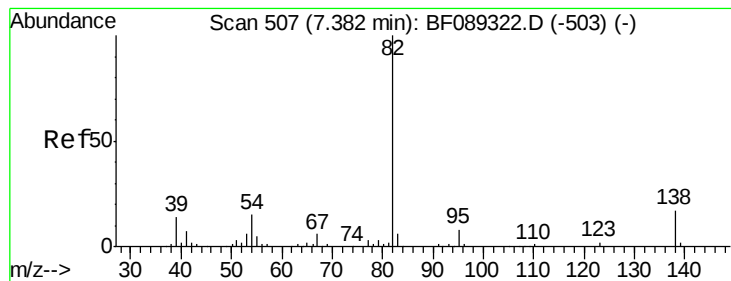


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.43 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampled :

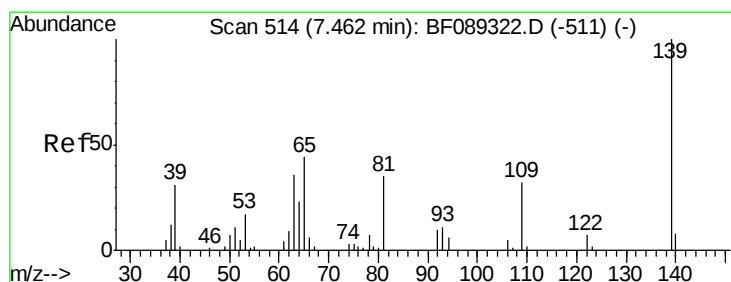
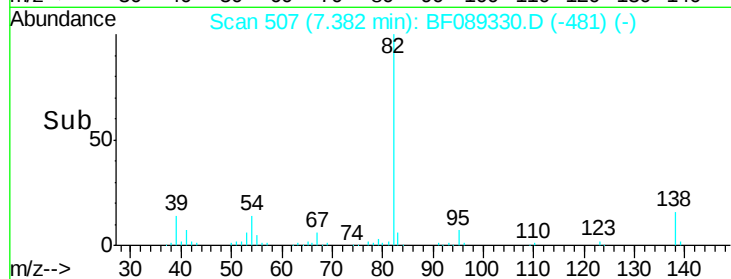
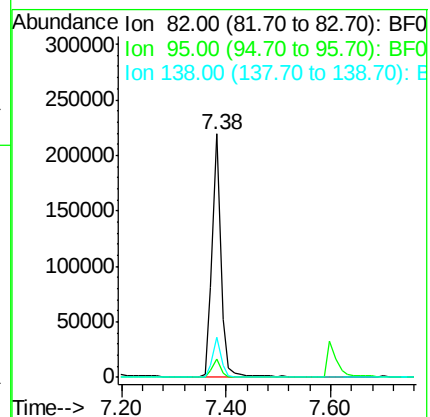
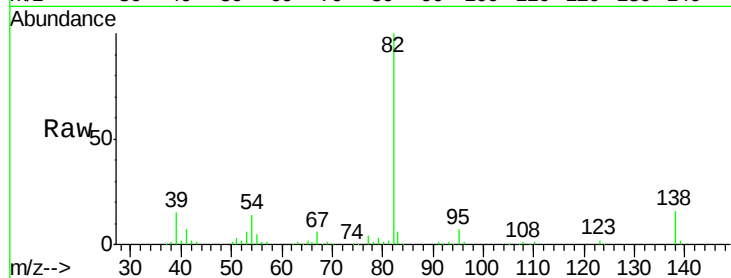
Tot Ion: 82 Resp: 262451

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

138 16.2 13.3 19.9



#26

2-Nitrophenol

Concen: 40.48 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

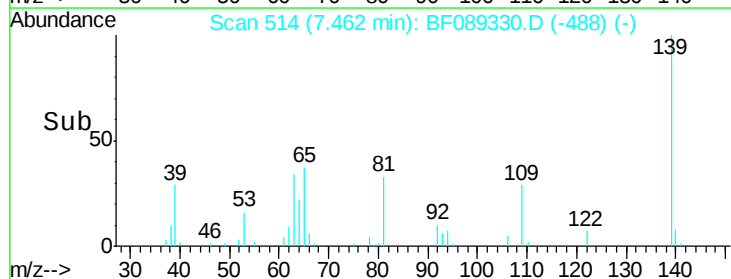
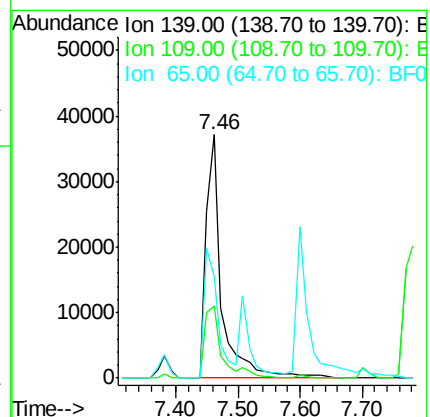
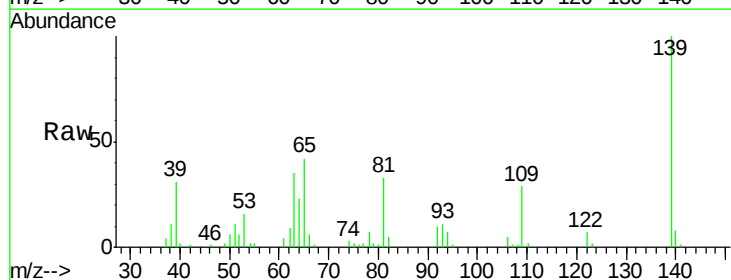
Tgt Ion: 139 Resp: 64769

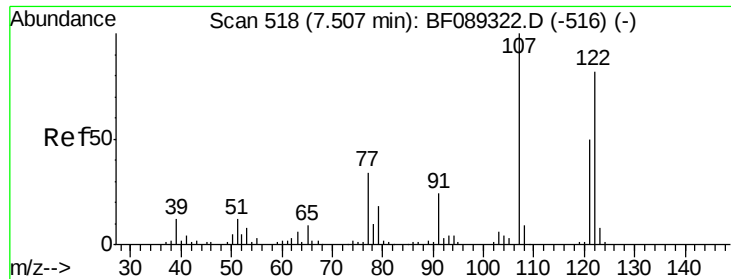
Ion Ratio Lower Upper

139 100

109 29.4 25.8 38.8

65 41.9 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 41.86 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampled :

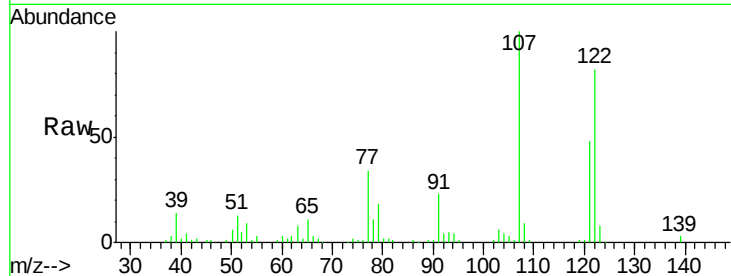
Tot Ion:122 Resp: 106696

Ion Ratio Lower Upper

122 100

107 122.5 97.2 145.8

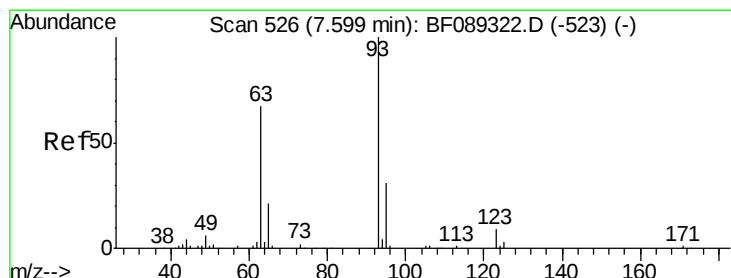
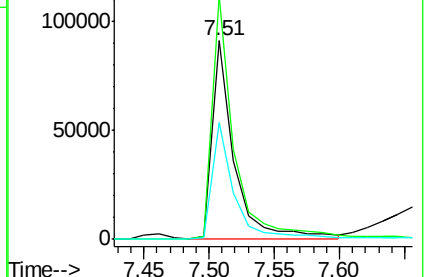
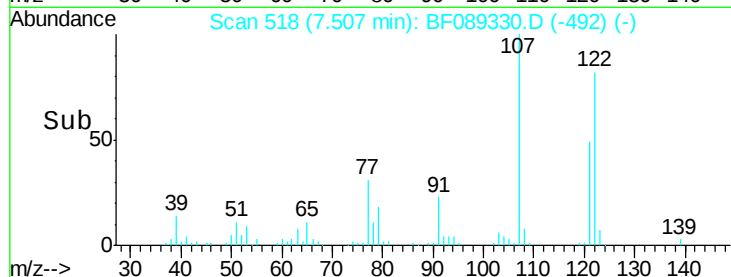
121 59.1 48.8 73.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.82 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

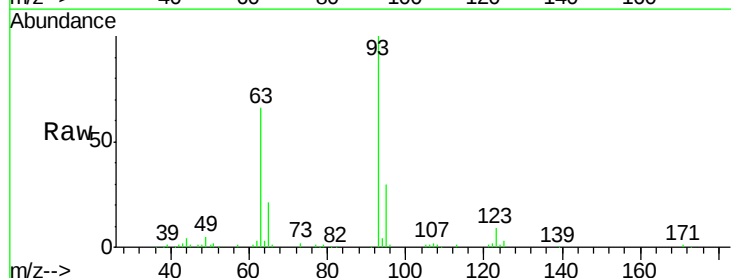
Tgt Ion: 93 Resp: 146630

Ion Ratio Lower Upper

93 100

95 30.4 24.7 37.1

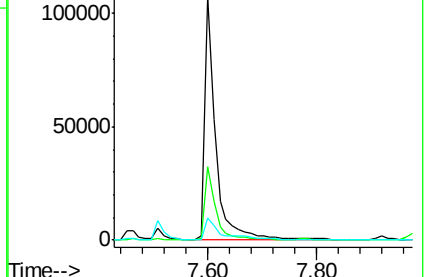
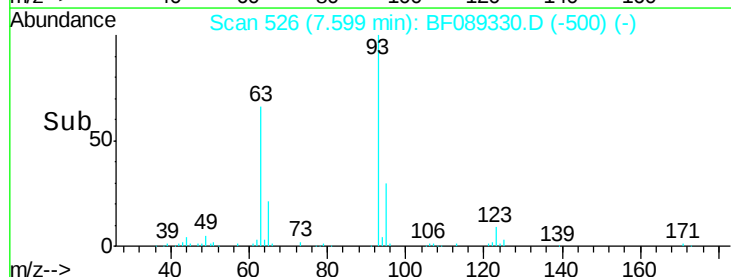
123 9.3 7.5 11.3

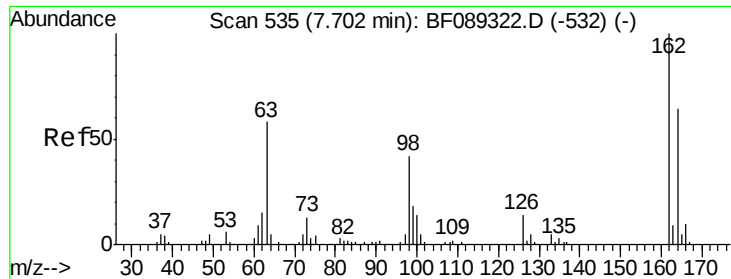


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

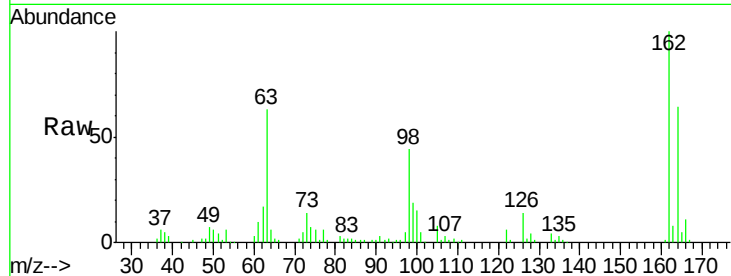




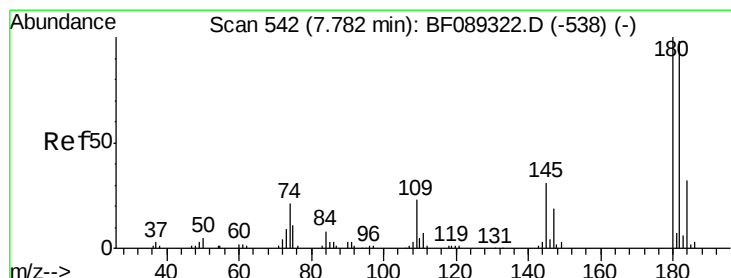
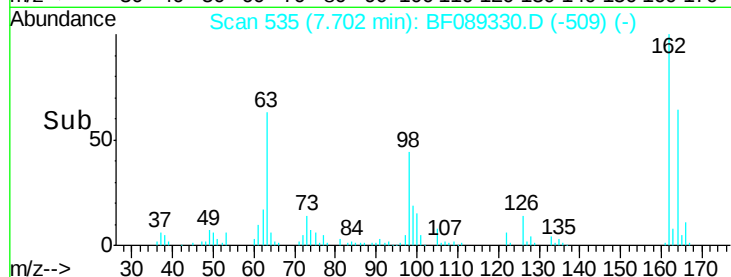
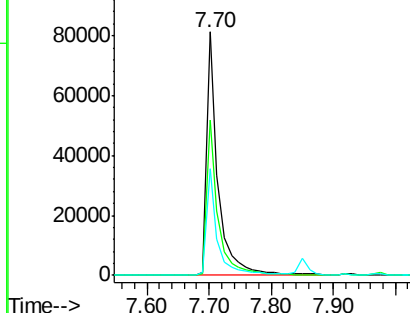
#29
 2,4-Dichlorophenol
 Concen: 44.72 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 103874
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.0 84.0
 98 44.0 21.8 61.8

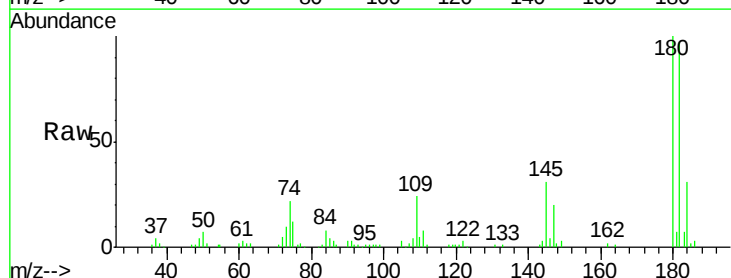


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

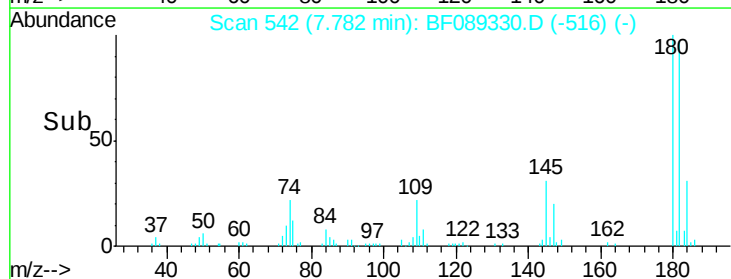
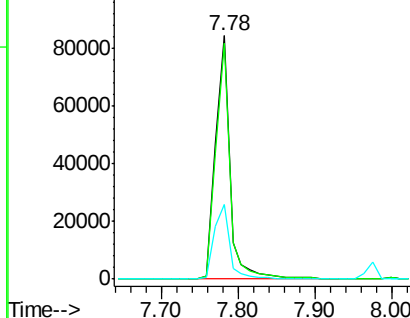


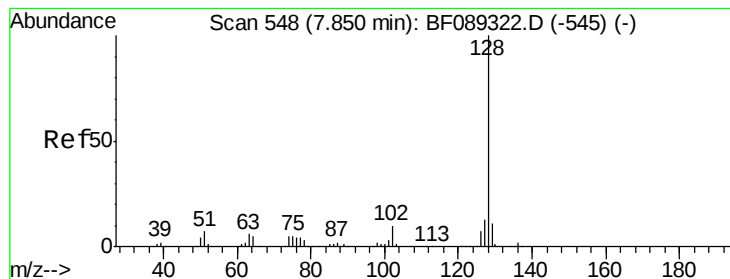
#30
 1,2,4-Trichlorobenzene
 Concen: 41.45 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Tgt Ion:180 Resp: 109860
 Ion Ratio Lower Upper
 180 100
 182 97.1 78.2 117.2
 145 30.9 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: 39.55 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampleId :

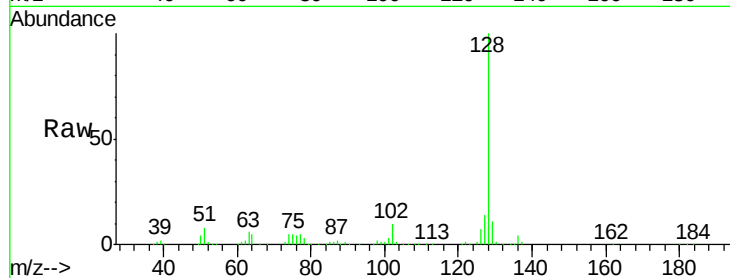
Tot Ion:128 Resp: 363472

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

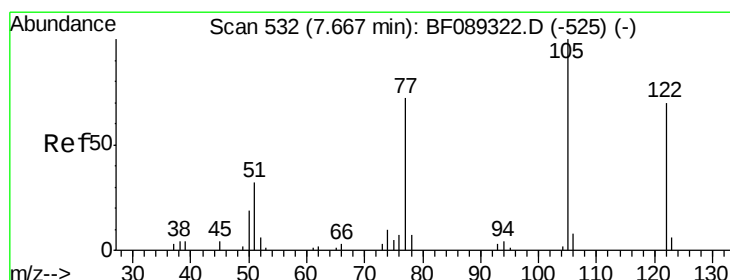
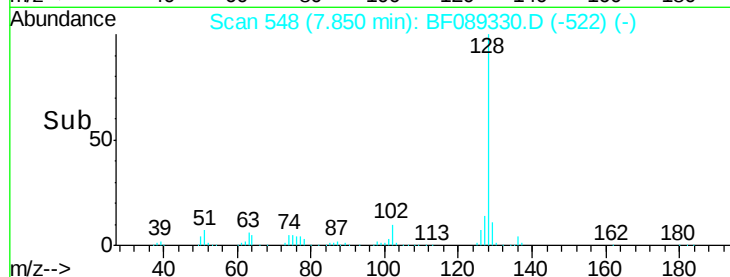
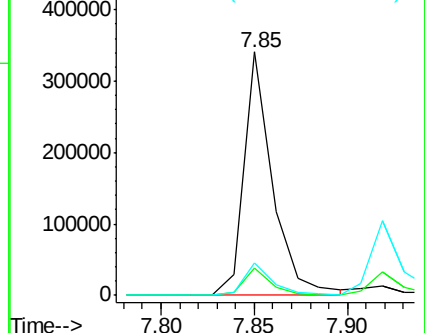
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.48 ng

RT: 7.67 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

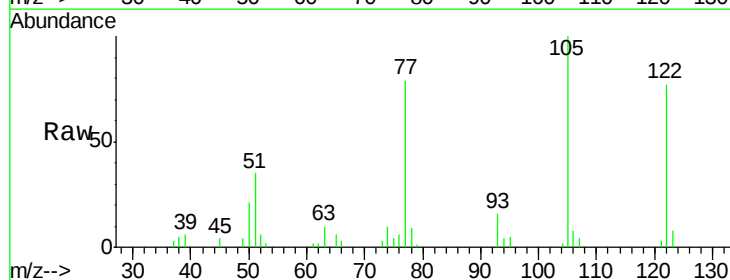
Tgt Ion:122 Resp: 68353

Ion Ratio Lower Upper

122 100

105 129.5 106.4 146.4

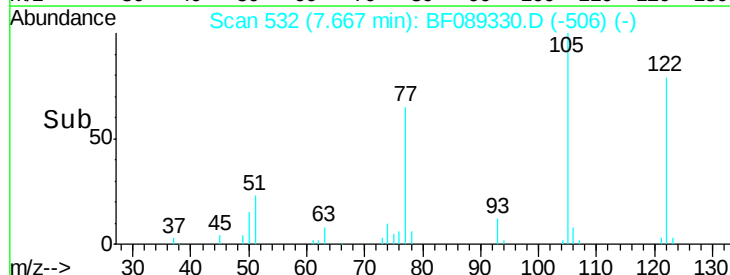
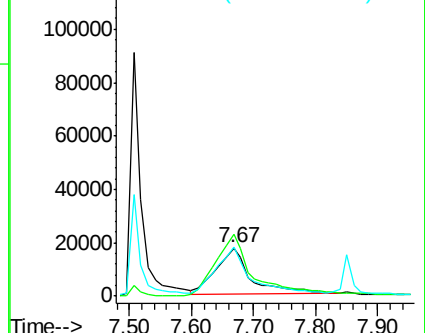
77 101.7 76.4 116.4

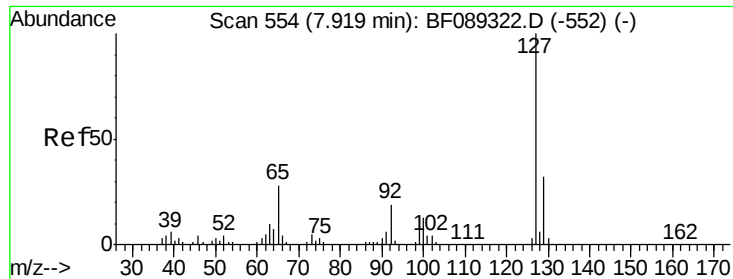


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

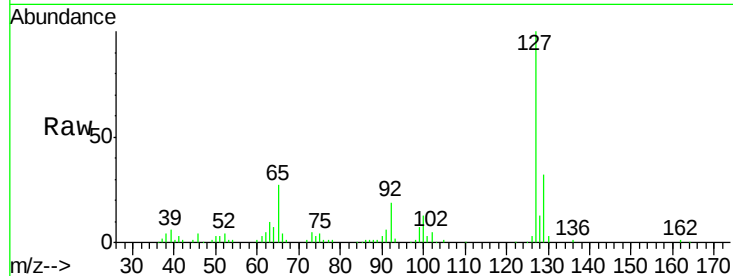




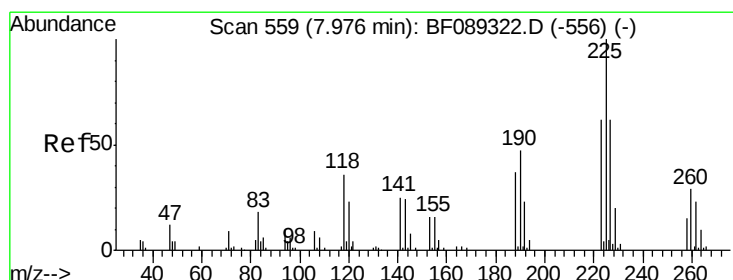
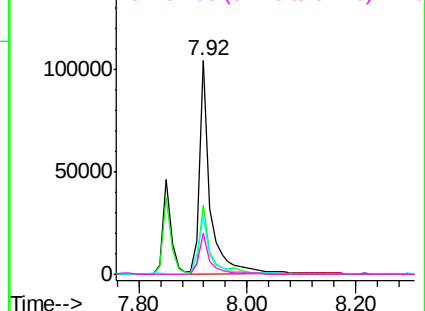
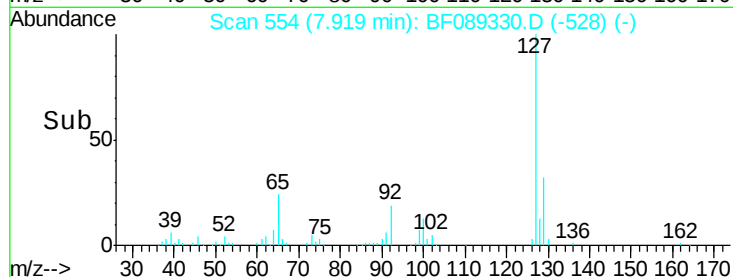
#33
4-Chloroaniline
Concen: 40.15 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	140499
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	27.3	22.0	33.0
92	19.0	15.2	22.8

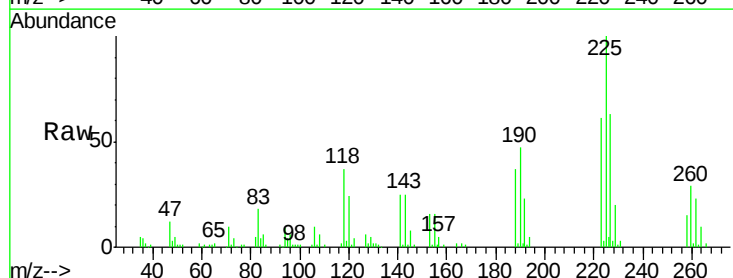


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

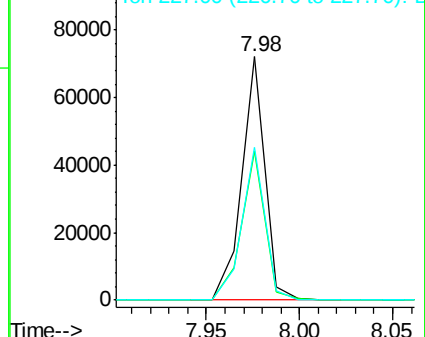
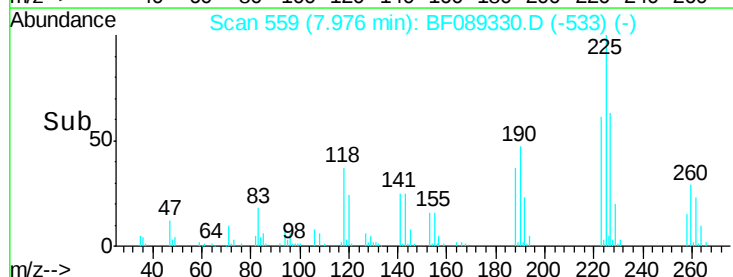


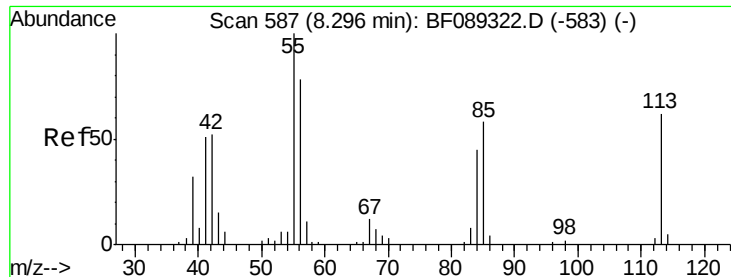
#34
Hexachlorobutadiene
Concen: 41.16 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Tgt Ion:	225	Resp:	62477
Ion	Ratio	Lower	Upper
225	100		
223	61.1	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

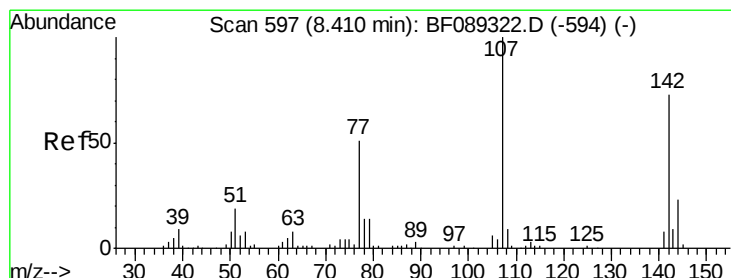
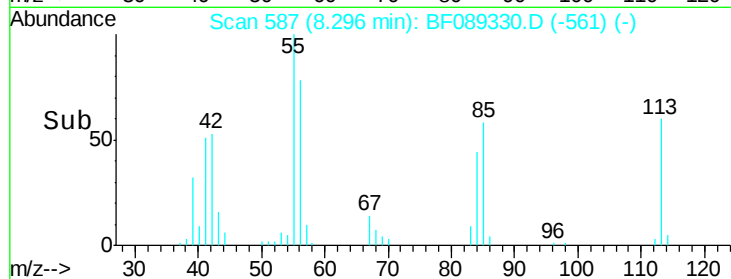
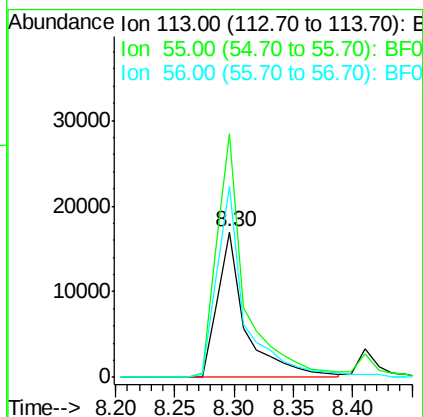
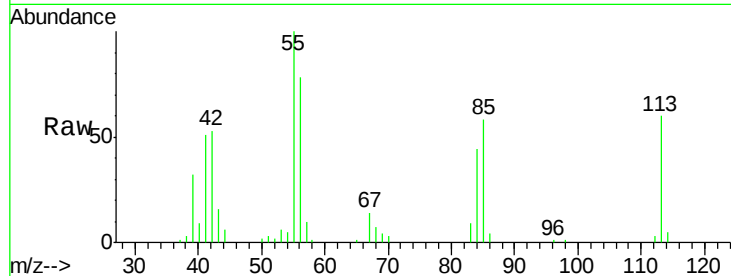




#35
 Caprolactam
 Concen: 39.59 ng
 RT: 8.30 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

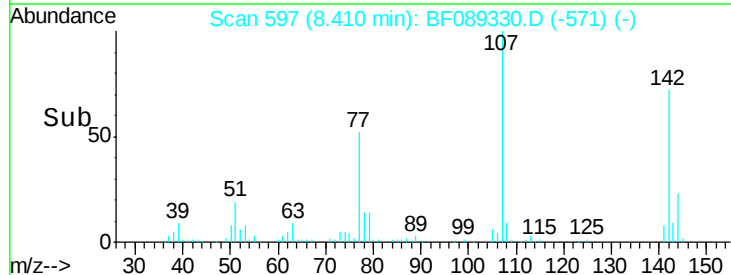
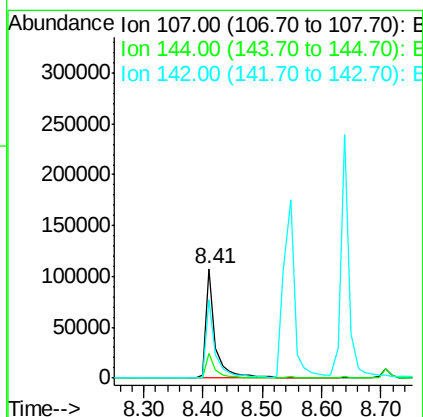
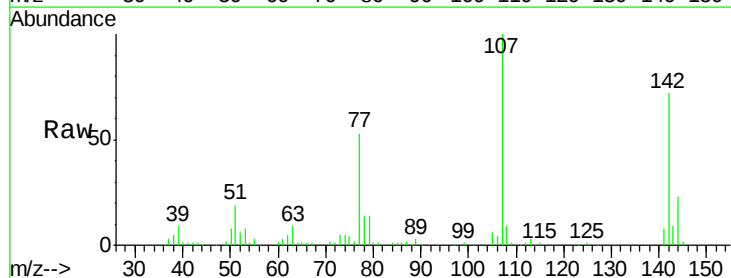
Instrument :
 BNA_F
 ClientSampled :

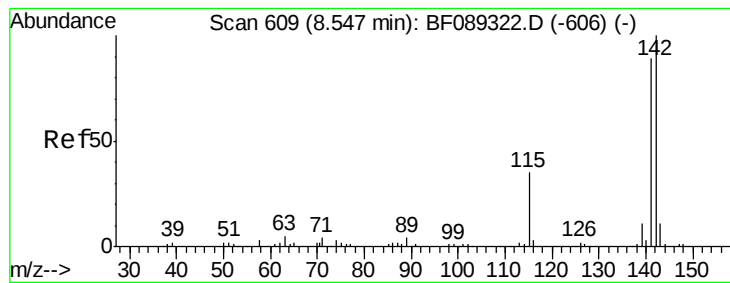
Tot Ion:113 Resp: 27756
 Ion Ratio Lower Upper
 113 100
 55 167.9 142.3 182.3
 56 131.7 105.8 145.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.70 ng
 RT: 8.41 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Tgt Ion:107 Resp: 123403
 Ion Ratio Lower Upper
 107 100
 144 22.9 18.4 27.6
 142 71.8 58.6 87.8

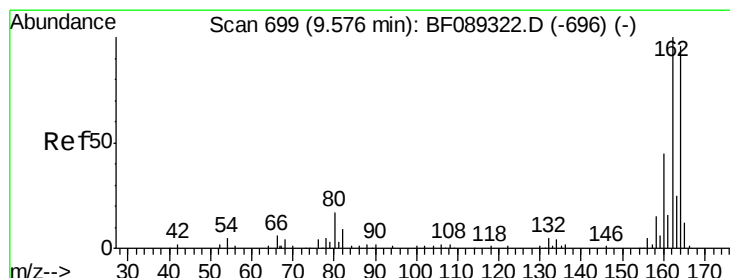
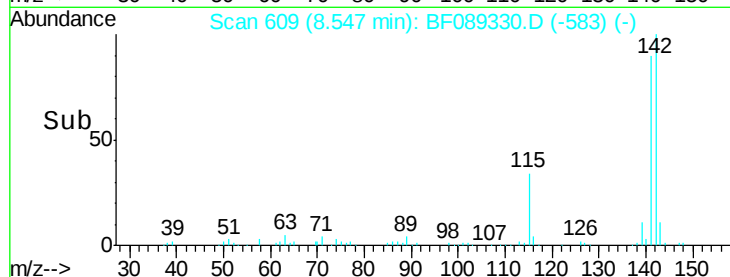
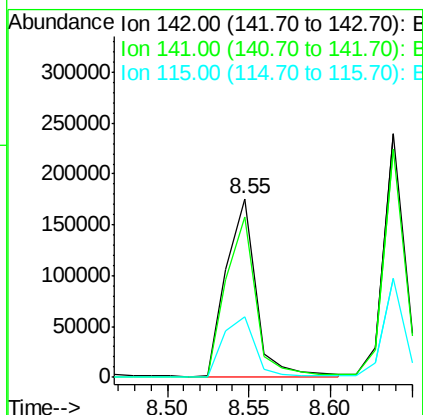
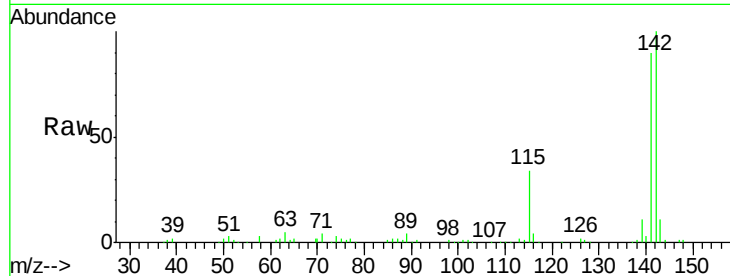




#37
 2-Methylnaphthalene
 Concen: 40.54 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

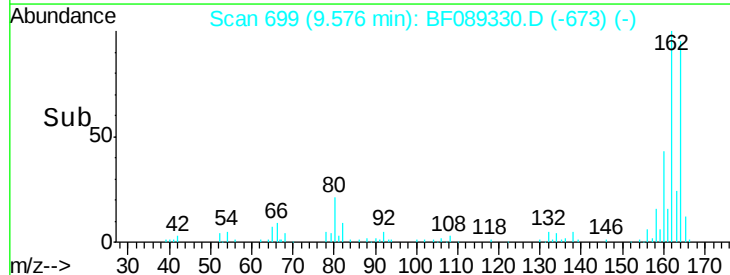
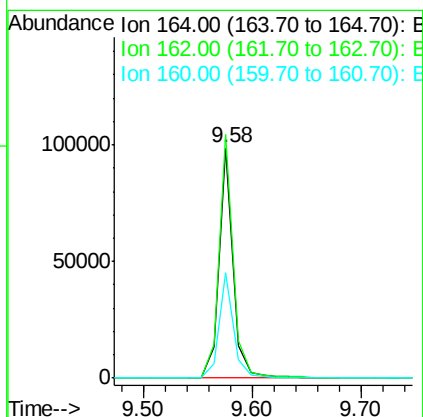
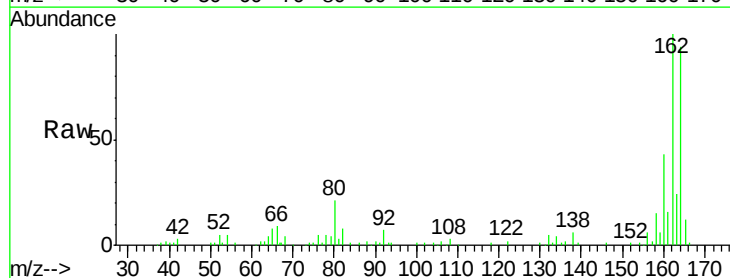
Instrument :
 BNA_F
 ClientSampleId :

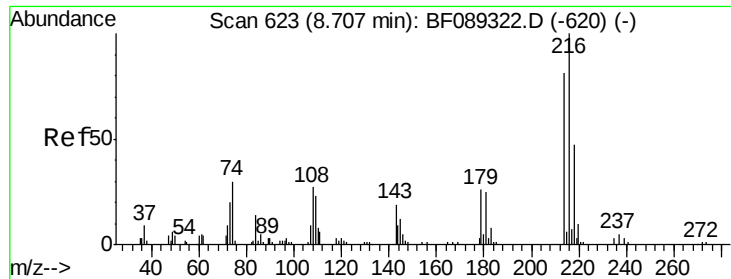
Tot Ion:142 Resp: 224542
 Ion Ratio Lower Upper
 142 100
 141 90.3 70.9 106.3
 115 34.3 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Tgt Ion:164 Resp: 89769
 Ion Ratio Lower Upper
 164 100
 162 106.0 83.7 125.5
 160 45.8 37.8 56.6

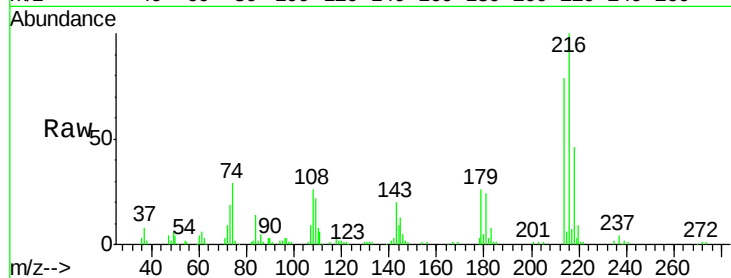




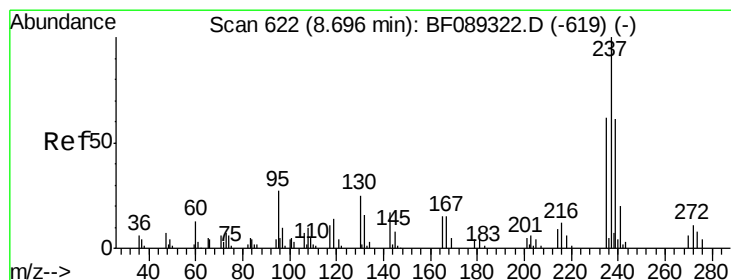
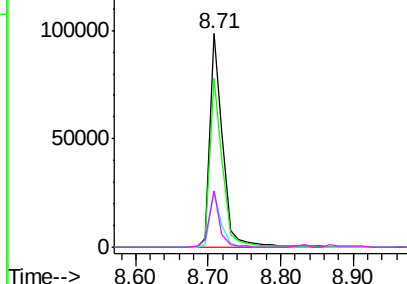
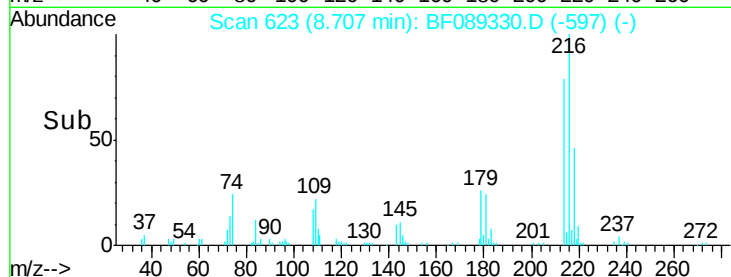
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.51 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	120973
Ion Ratio	Lower	Upper
216	100	
214	78.0	63.3 94.9
179	22.7	18.1 27.1
108	22.0	17.2 25.8

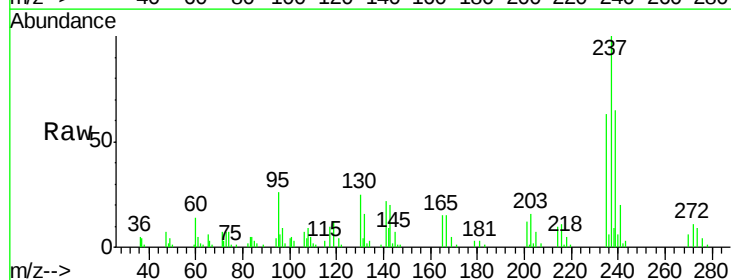


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

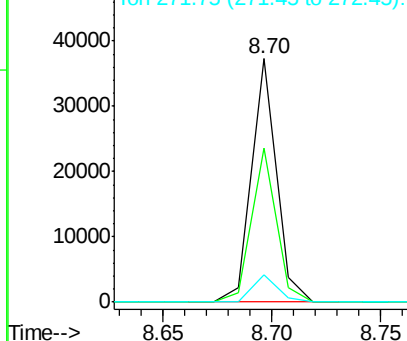
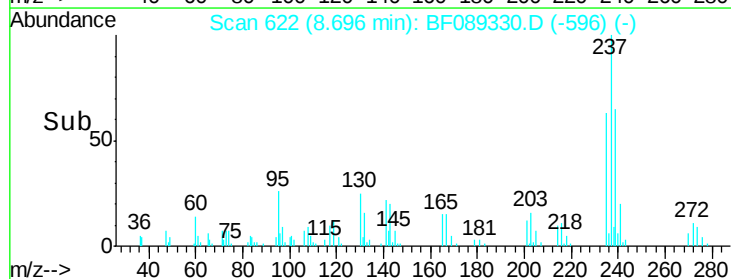


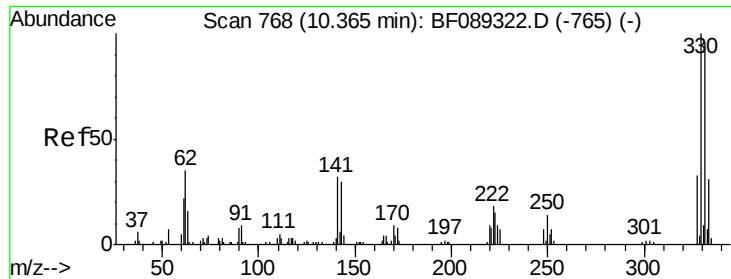
#40
 Hexachlorocyclopentadiene
 Concen: 38.32 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Tgt Ion:237	Resp:	29631
Ion Ratio	Lower	Upper
237	100	
235	63.3	41.6 81.6
272	11.1	0.0 30.8



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

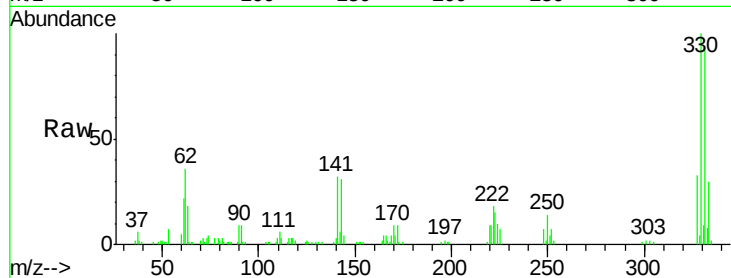




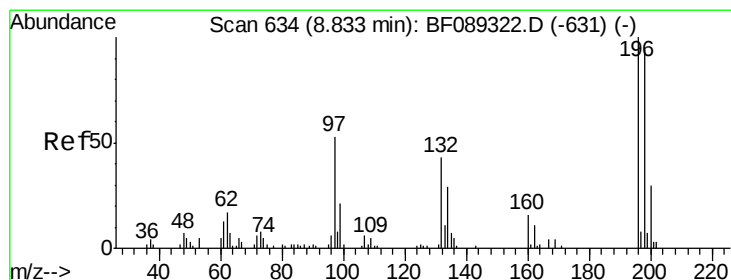
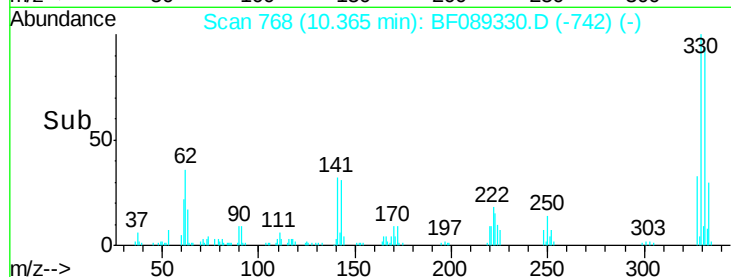
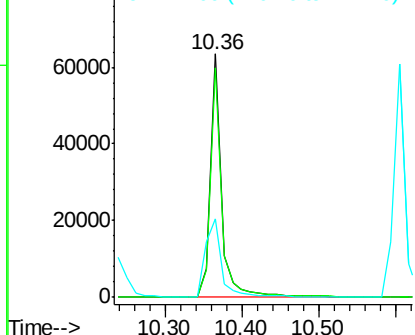
#41
 2,4,6-Tribromophenol
 Concen: 86.51 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 64317
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.8 115.2
 141 46.6 37.3 55.9

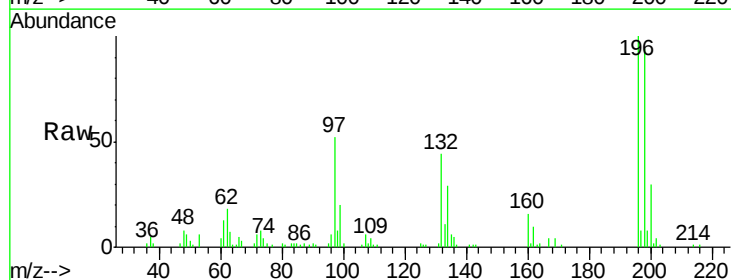


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

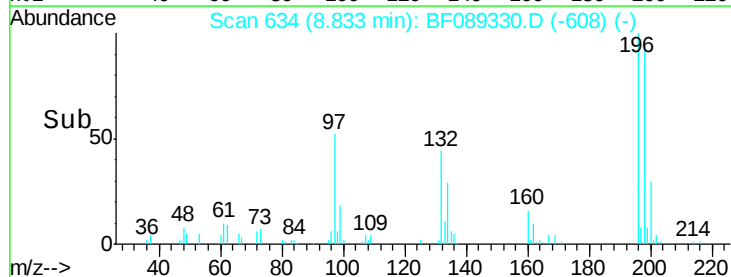
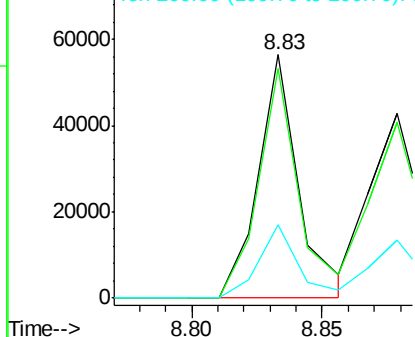


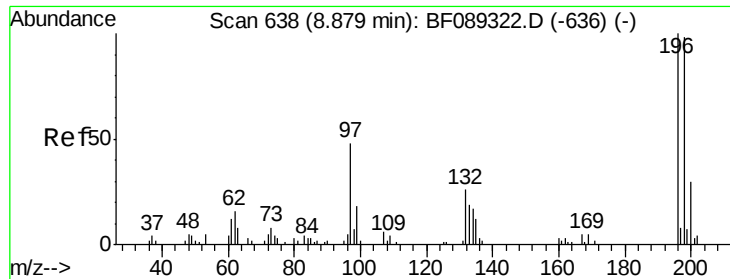
#42
 2,4,6-Trichlorophenol
 Concen: 41.02 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Tgt Ion:196 Resp: 61261
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.5 113.3
 200 30.1 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

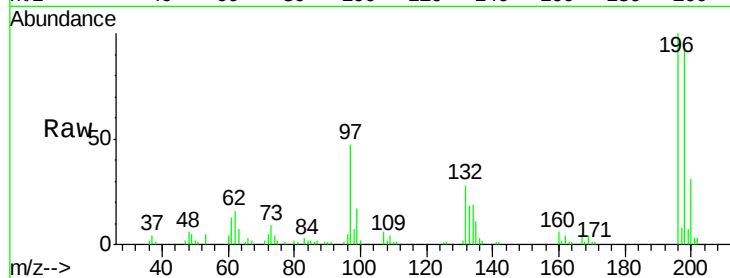




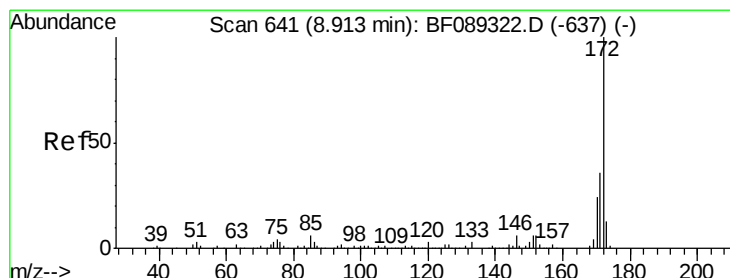
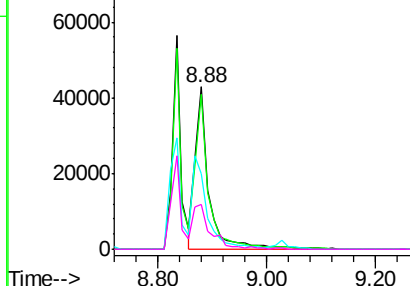
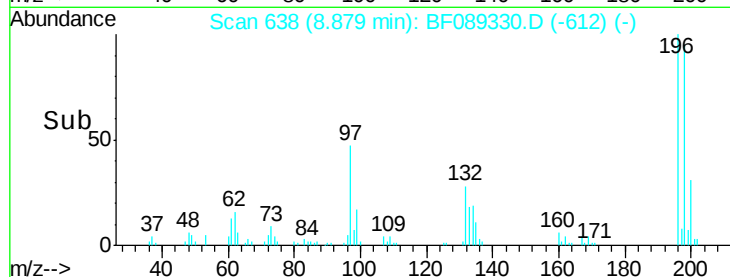
#43
 2,4,5-Trichlorophenol
 Concen: 39.68 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 75063
 Ion Ratio Lower Upper
 196 100
 198 95.4 78.7 118.1
 97 46.5 39.7 59.5
 132 27.8 22.8 34.2

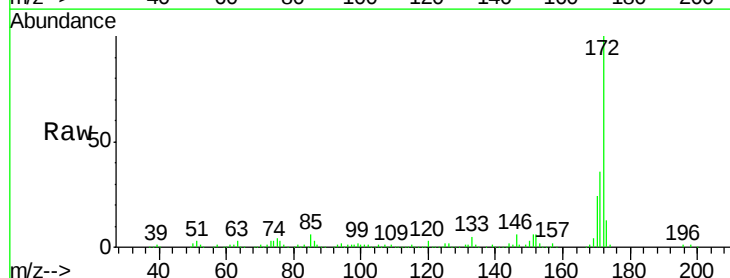


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

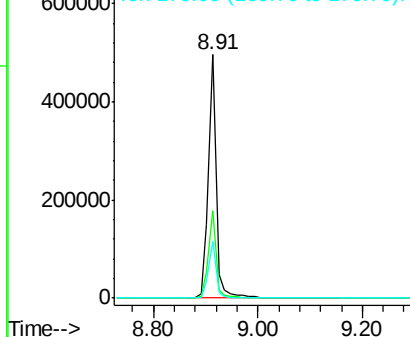
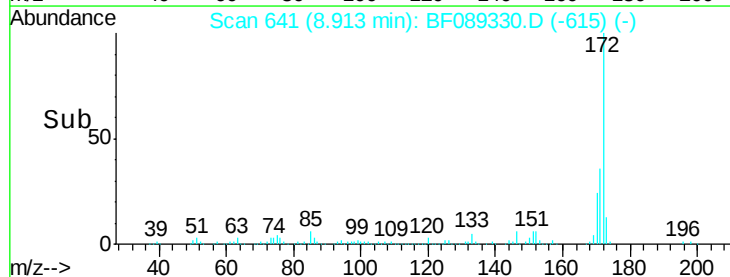


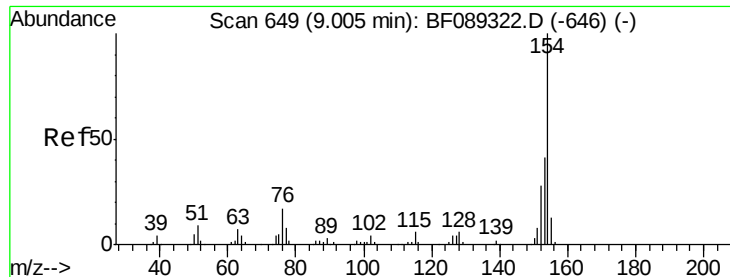
#44
 2-Fluorobiphenyl
 Concen: 84.61 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Tgt Ion:172 Resp: 517544
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.5 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

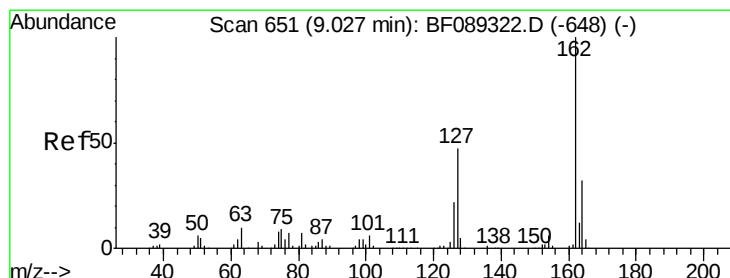
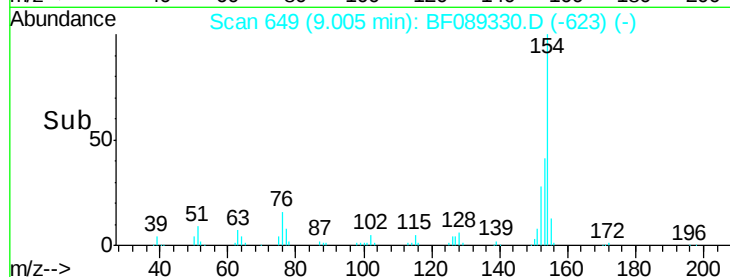
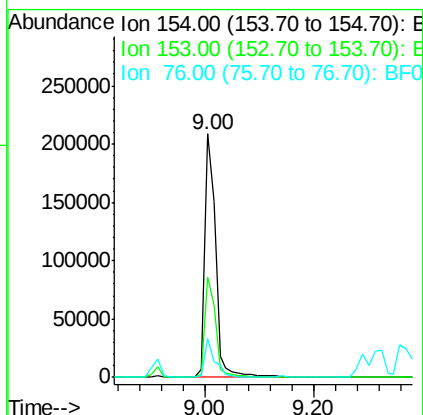
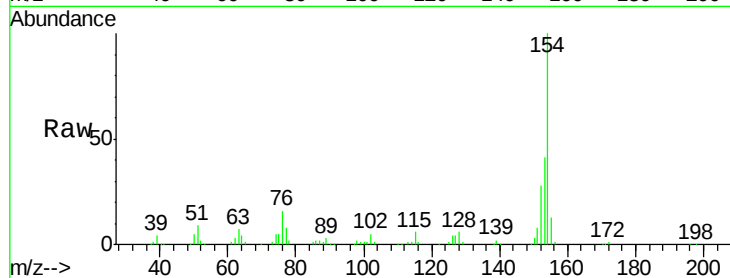




#45
 1,1'-Biphenyl
 Concen: 37.24 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

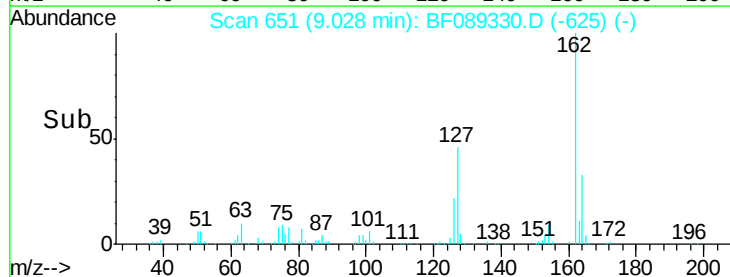
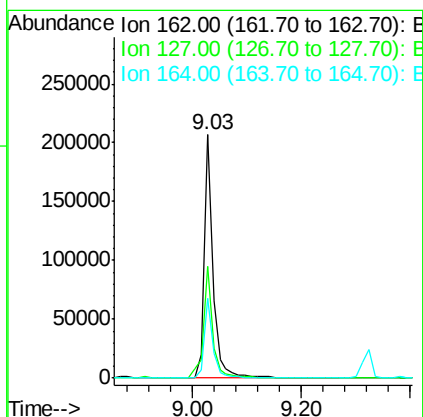
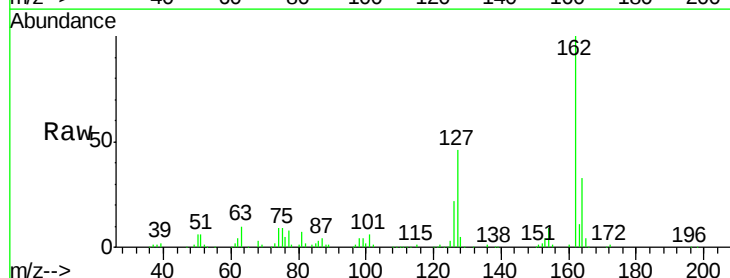
Instrument :
 BNA_F
 ClientSampleId :

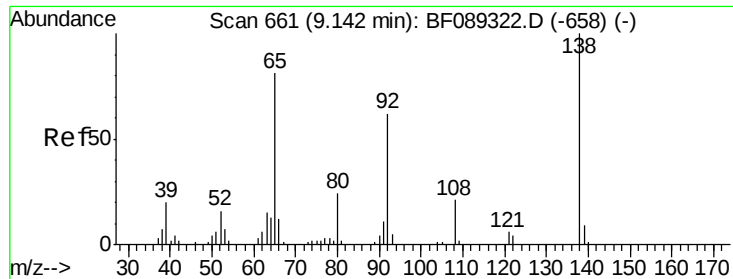
Tot Ion:154 Resp: 284677
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.0 61.0
 76 16.0 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 40.08 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Tgt Ion:162 Resp: 230078
 Ion Ratio Lower Upper
 162 100
 127 46.0 37.8 56.8
 164 32.8 25.8 38.8

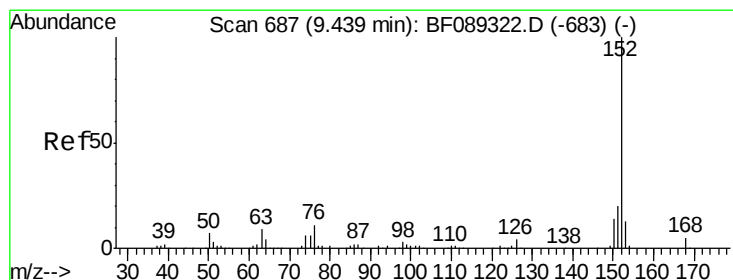
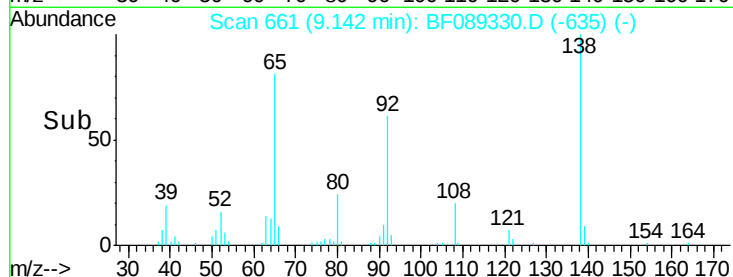
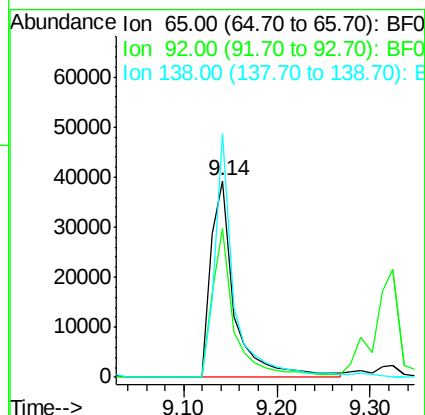
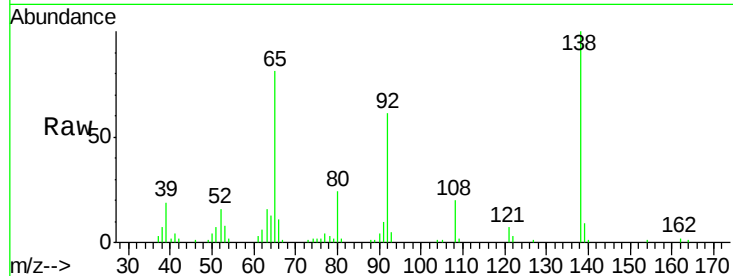




#47
2-Nitroaniline
Concen: 40.84 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

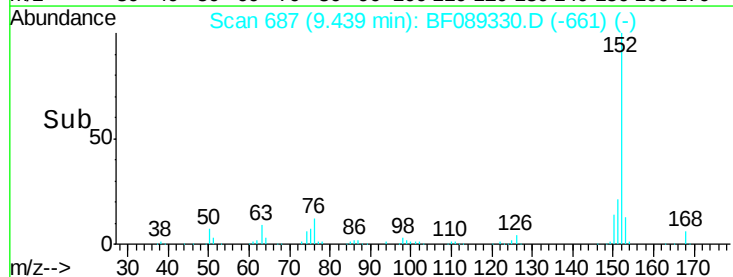
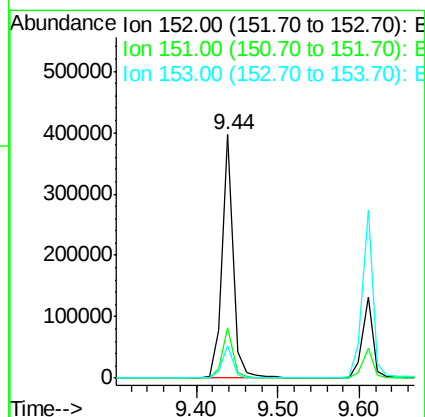
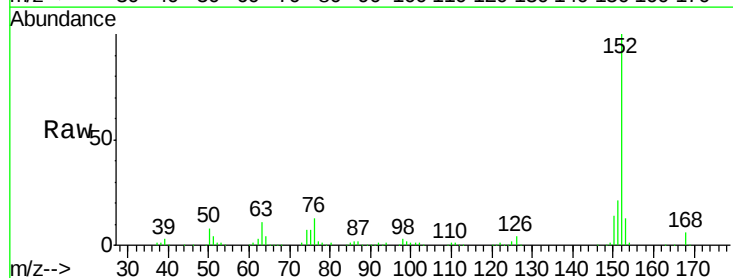
Instrument :
BNA_F
ClientSampleId :

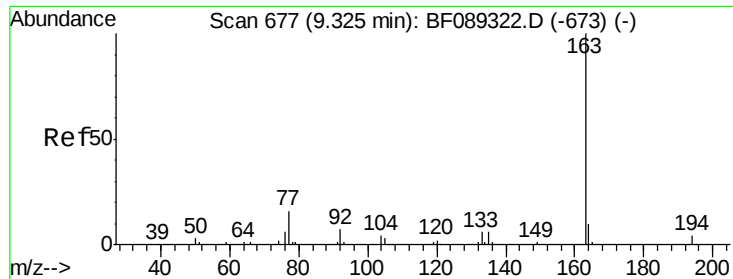
Tot Ion: 65 Resp: 69422
Ion Ratio Lower Upper
65 100
92 76.1 61.0 91.4
138 124.0 99.1 148.7



#48
Acenaphthylene
Concen: 41.42 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Tgt Ion: 152 Resp: 374506
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.1 10.2 15.4

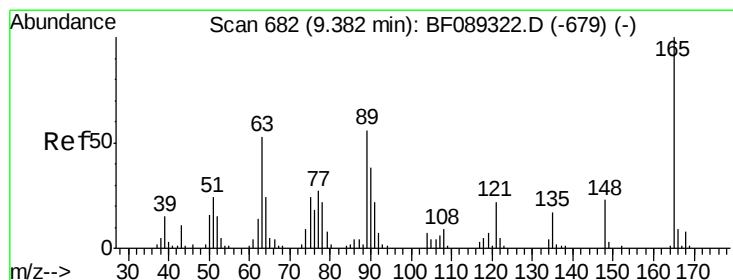
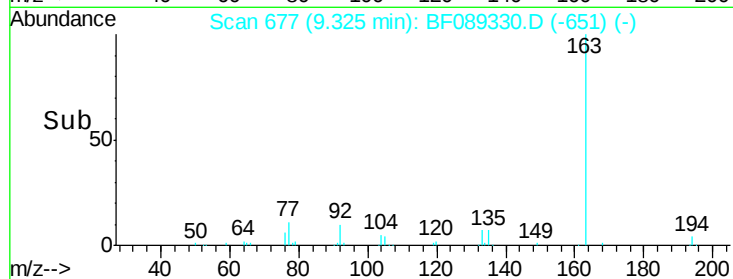
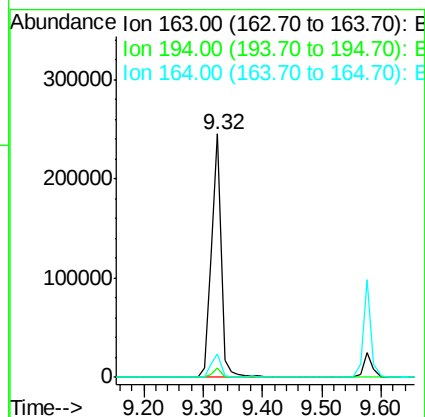
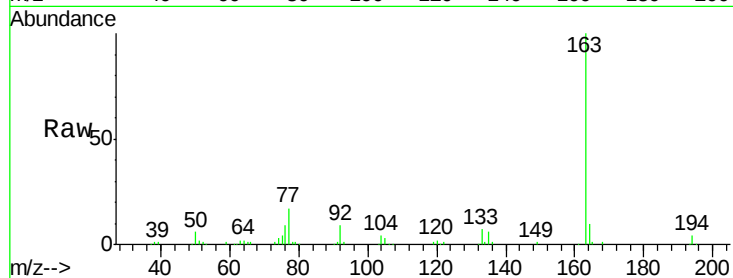




#49
Dimethylphthalate
Concen: 41.33 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

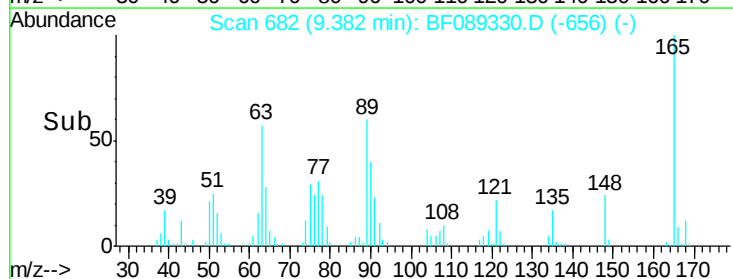
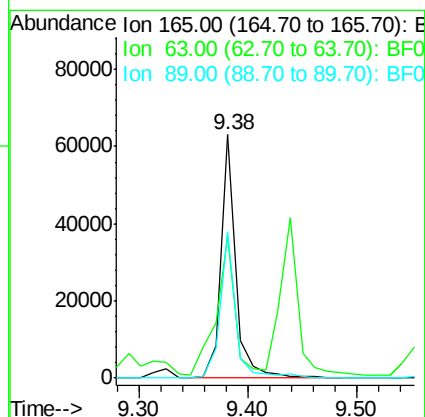
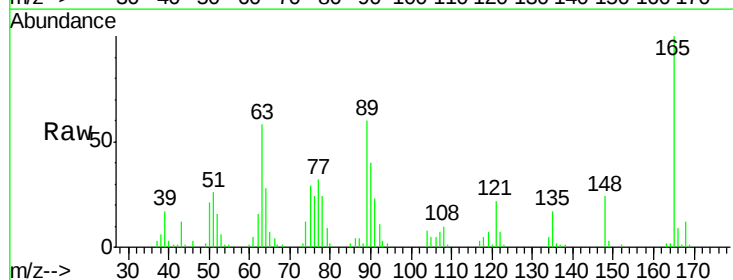
Instrument :
BNA_F
ClientSampleId :

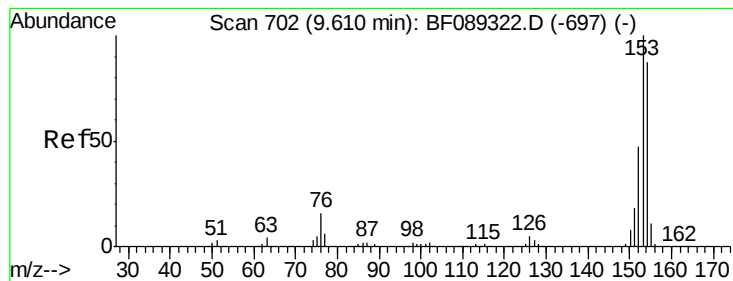
Tot Ion:163 Resp: 282339
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.8 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 43.34 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Tgt Ion:165 Resp: 60846
Ion Ratio Lower Upper
165 100
63 58.0 43.5 65.3
89 59.9 45.0 67.4





#51

Acenaphthene

Concen: 41.71 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampleId :

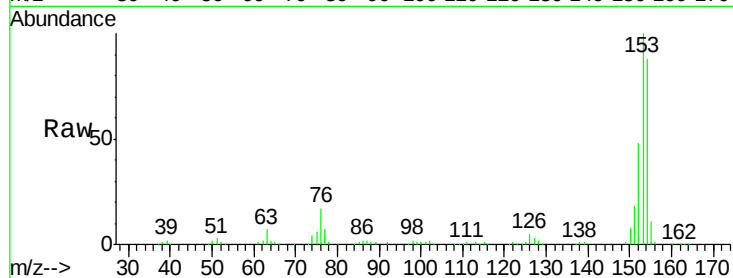
Tot Ion:154 Resp: 220251

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

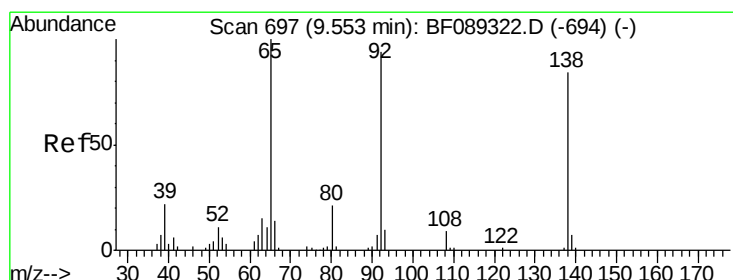
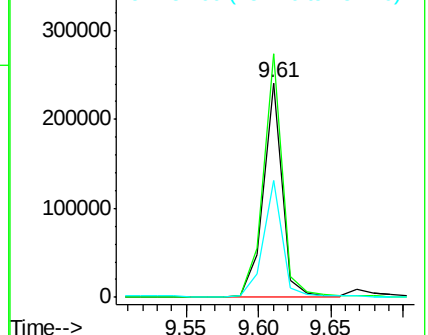
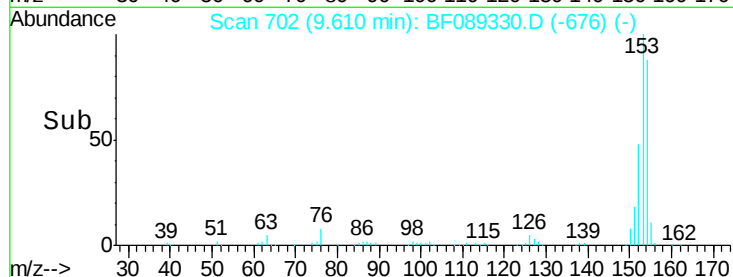
152 54.4 43.8 65.6



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: 41.46 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

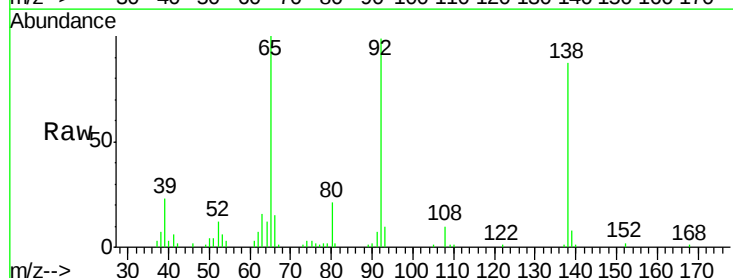
Tgt Ion:138 Resp: 61411

Ion Ratio Lower Upper

138 100

108 11.4 8.6 13.0

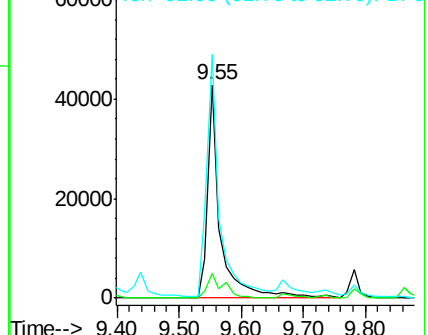
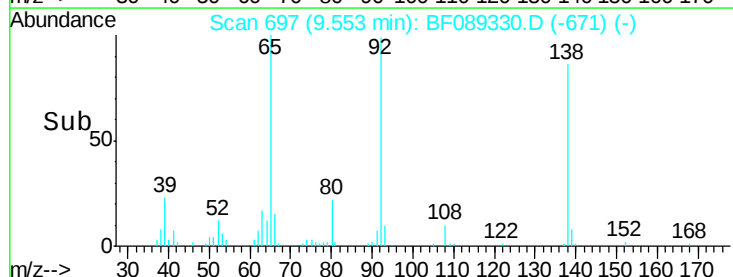
92 114.3 90.0 135.0

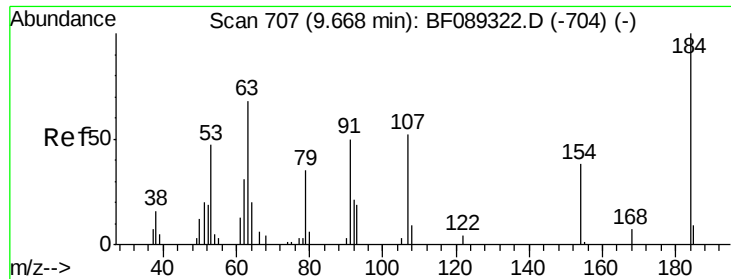


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

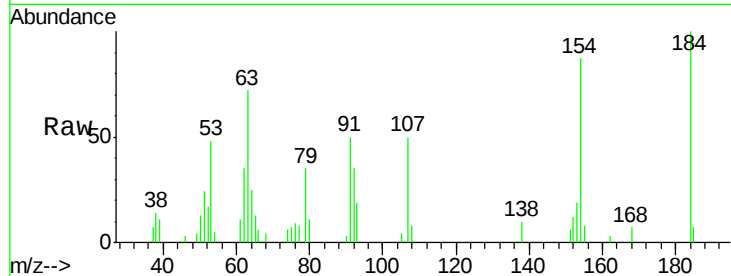




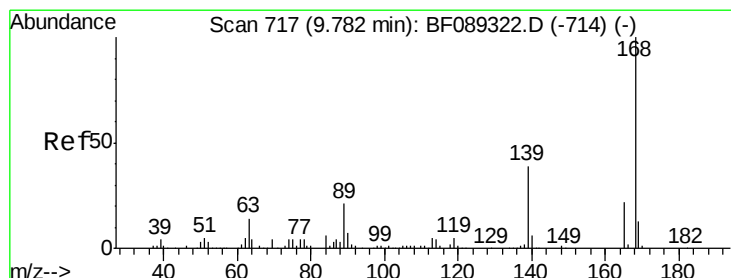
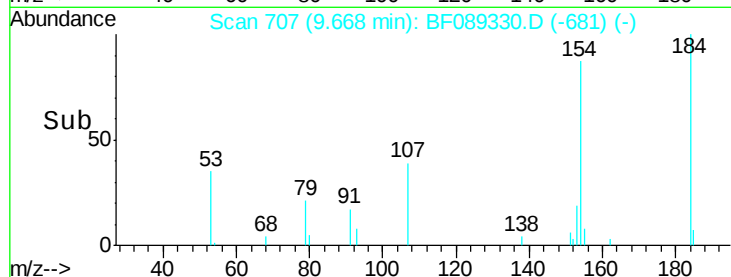
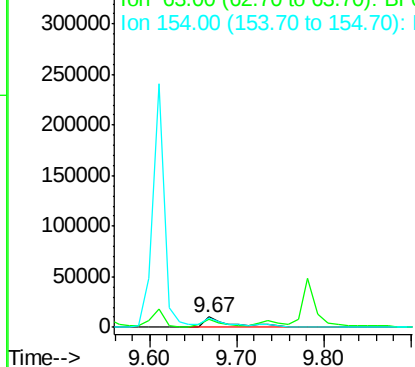
#53
 2,4-Dinitrophenol
 Concen: 46.69 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 23175
 Ion Ratio Lower Upper
 184 100
 63 72.4 60.6 90.8
 154 86.6 69.8 104.8

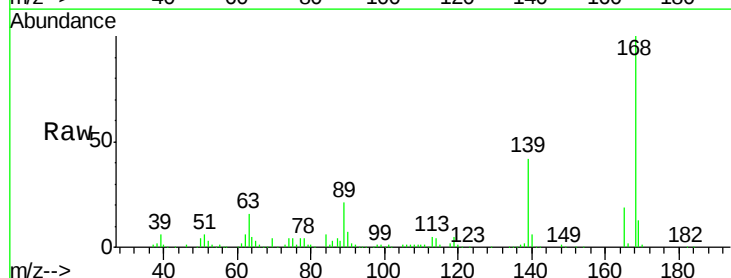


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

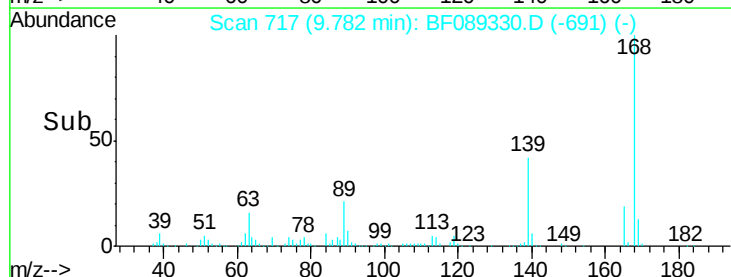
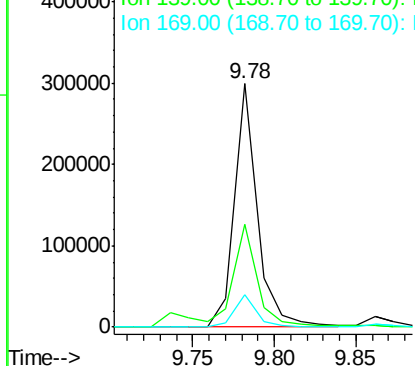


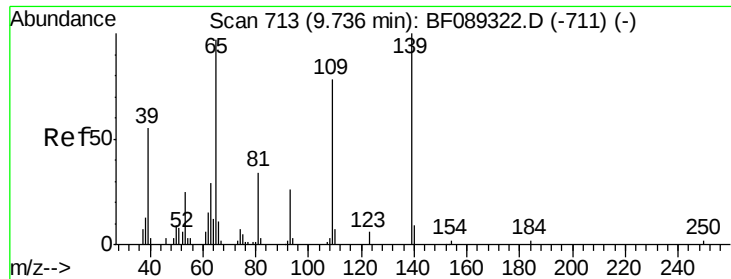
#54
 Dibenzofuran
 Concen: 40.17 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Tgt Ion:168 Resp: 288996
 Ion Ratio Lower Upper
 168 100
 139 42.1 33.7 50.5
 169 13.4 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

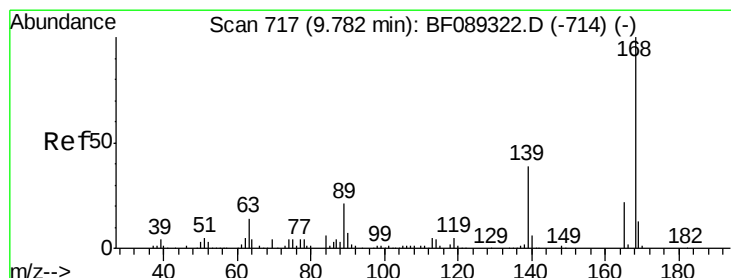
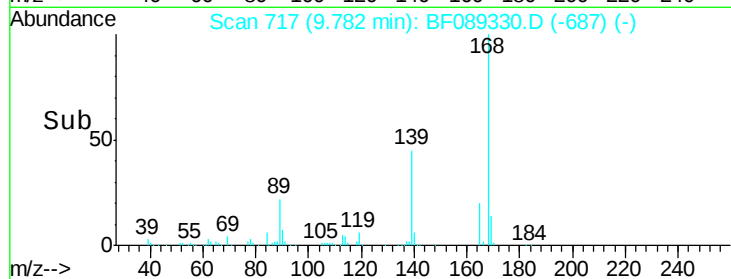
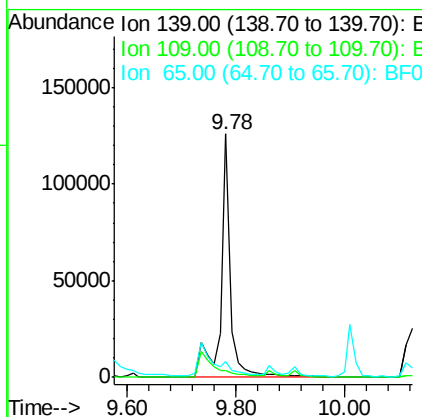
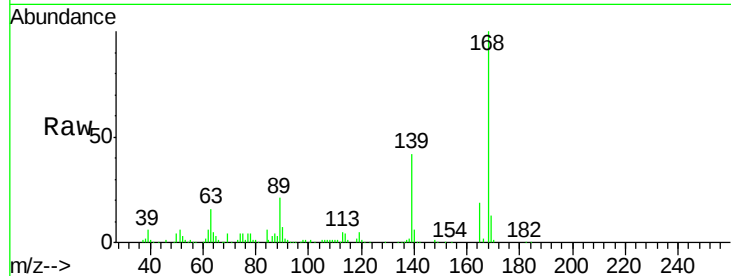




#55
4-Nitrophenol
Concen: 213.03 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.05 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

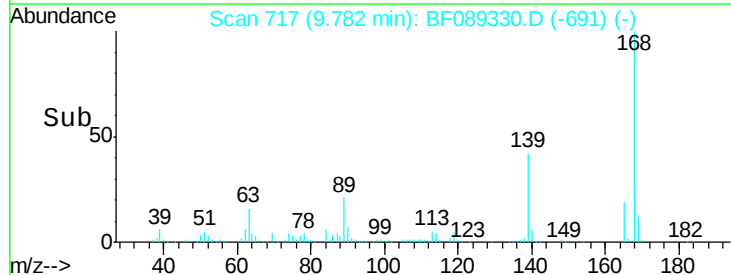
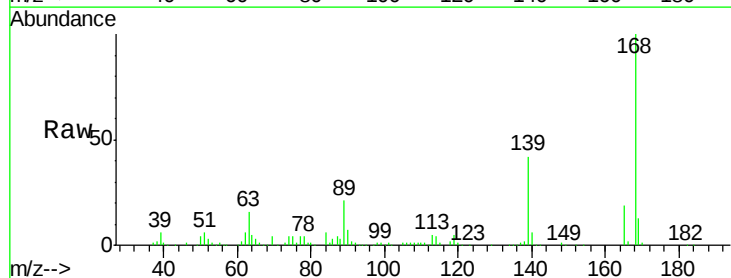
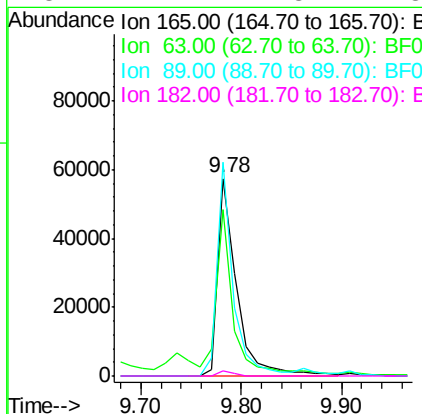
Instrument :
BNA_F
ClientSampleId :

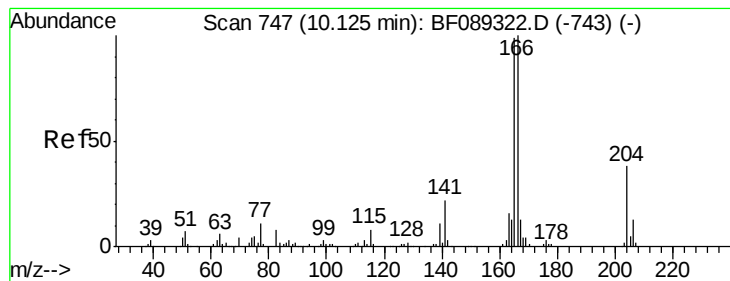
Tot Ion:139 Resp: 161734
Ion Ratio Lower Upper
139 100
109 2.7 57.8 97.8#
65 6.5 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 40.71 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Tgt Ion:165 Resp: 75228
Ion Ratio Lower Upper
165 100
63 84.3 58.2 87.2
89 108.1 79.1 118.7
182 2.4 1.8 2.8





#57

Fluorene

Concen: 40.65 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampleId :

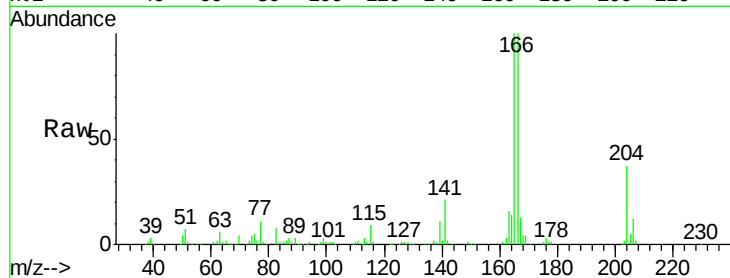
Tot Ion:166 Resp: 255336

Ion Ratio Lower Upper

166 100

165 99.7 79.0 118.4

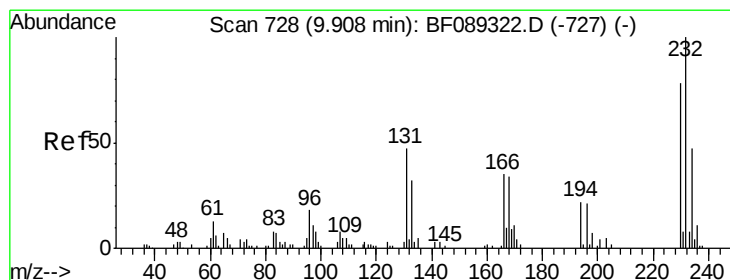
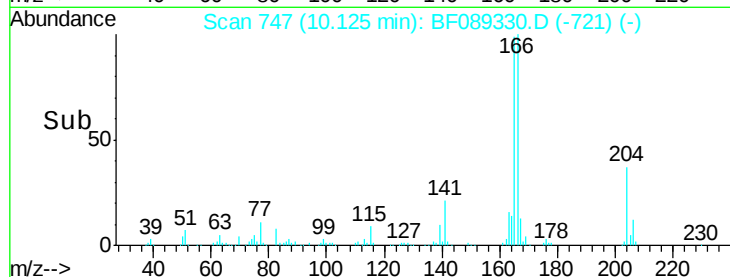
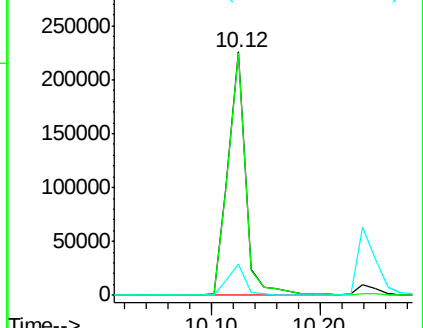
167 13.1 10.2 15.2



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: 43.34 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Tgt Ion:232 Resp: 54743

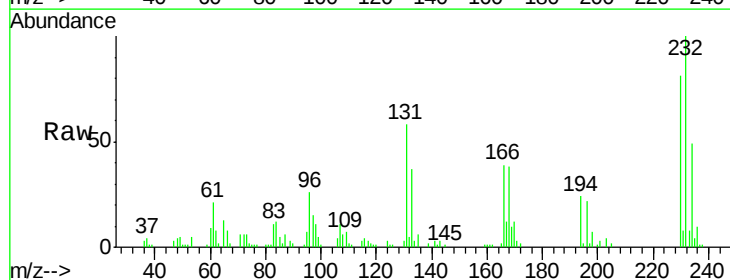
Ion Ratio Lower Upper

232 100

131 50.5 42.7 64.1

130 2.3 1.7 2.5

166 33.8 25.7 38.5

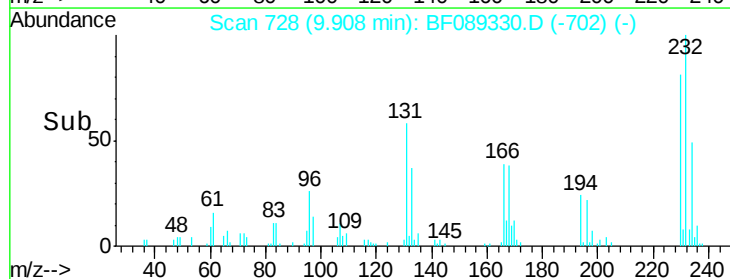
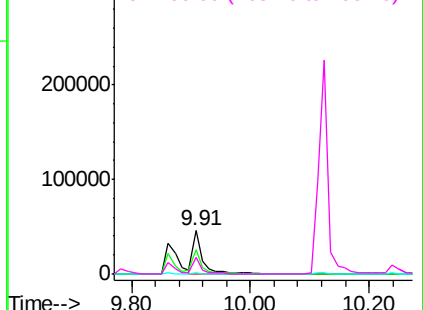


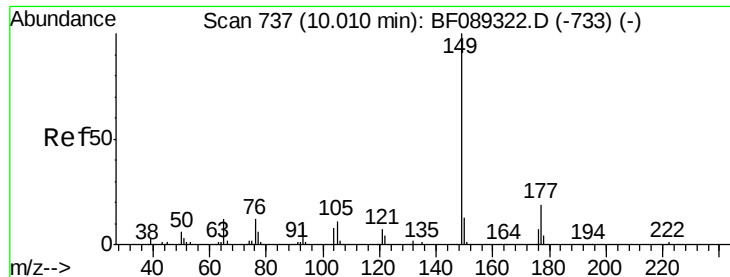
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

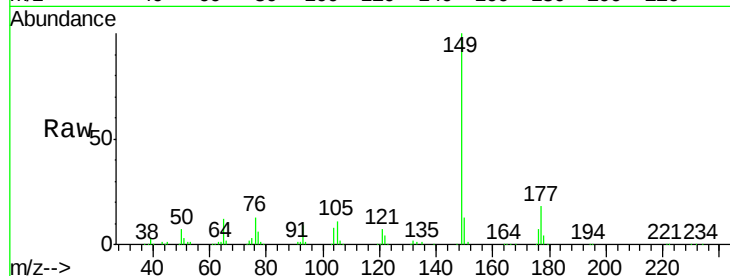




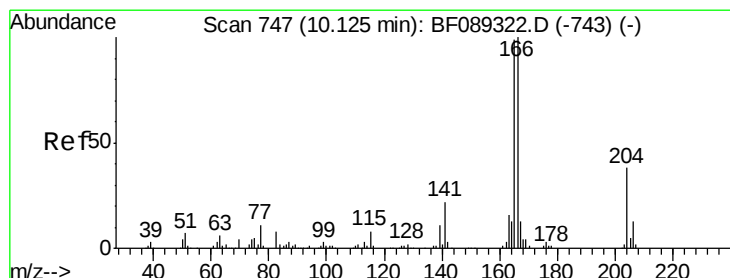
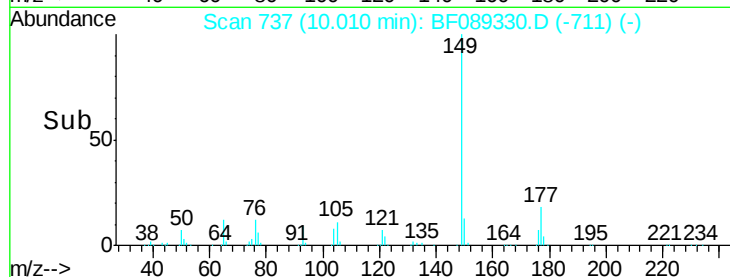
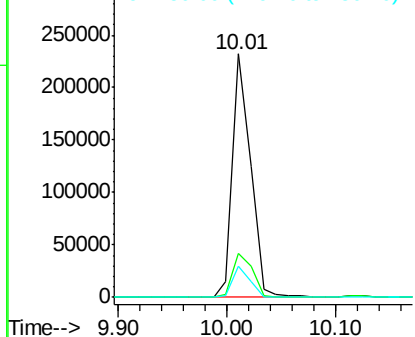
#59
Diethylphthalate
Concen: 38.57 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 267111
Ion Ratio Lower Upper
149 100
177 18.2 15.1 22.7
150 12.6 10.2 15.4

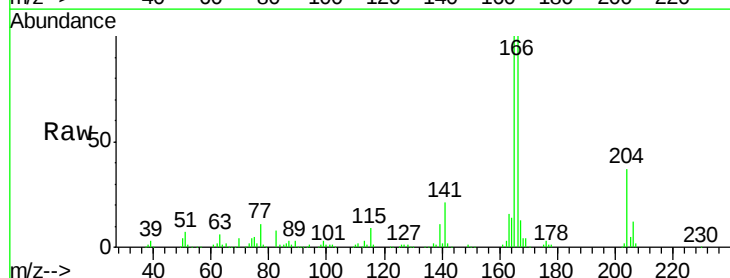


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

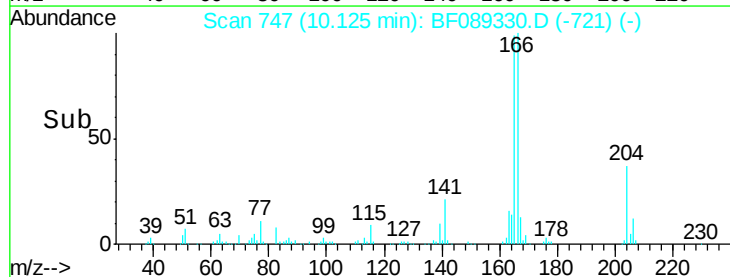
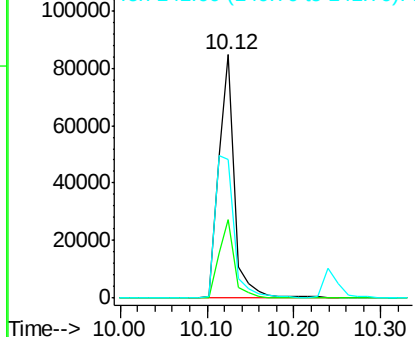


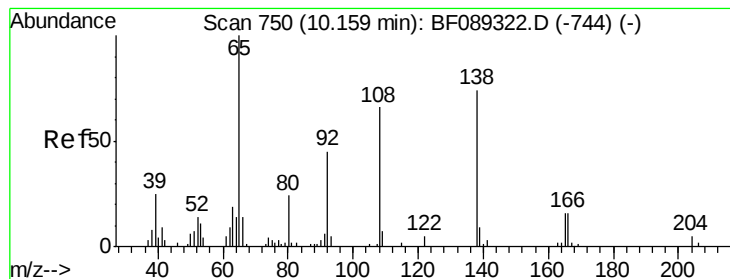
#60
4-Chlorophenyl-phenylether
Concen: 37.30 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Tgt Ion:204 Resp: 107463
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 57.0 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: 42.33 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampleId :

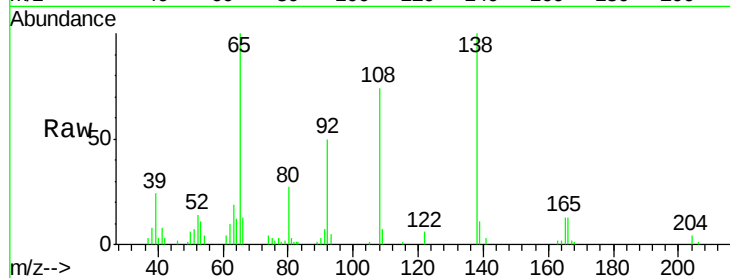
Tot Ion:138 Resp: 64633

Ion Ratio Lower Upper

138 100

92 50.0 41.2 81.2

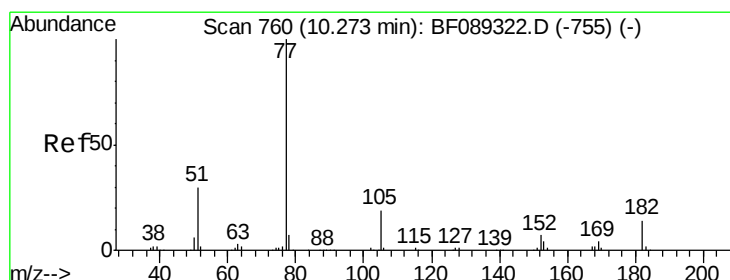
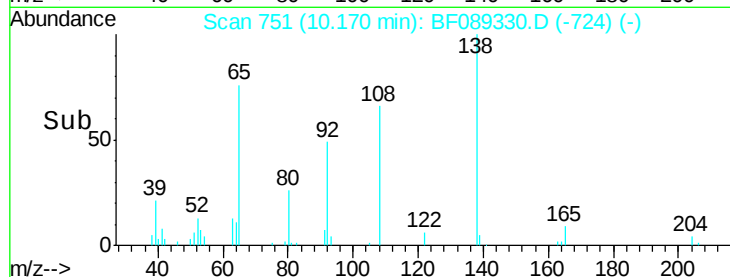
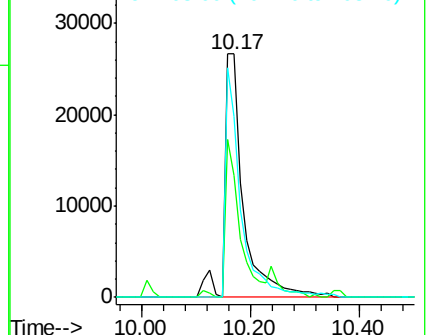
108 74.2 69.6 109.6



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: 38.20 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Tgt Ion: 77 Resp: 272482

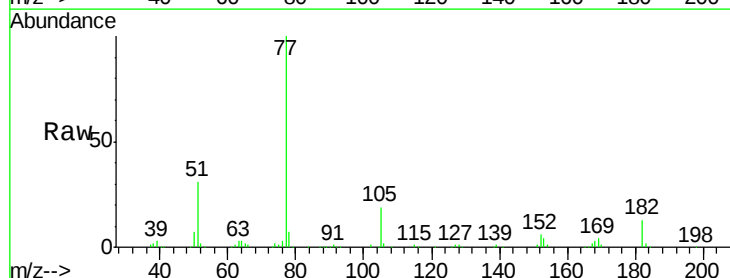
Ion Ratio Lower Upper

77 100

182 13.5 0.0 33.8

105 19.4 0.0 39.8

51 31.5 11.0 51.0

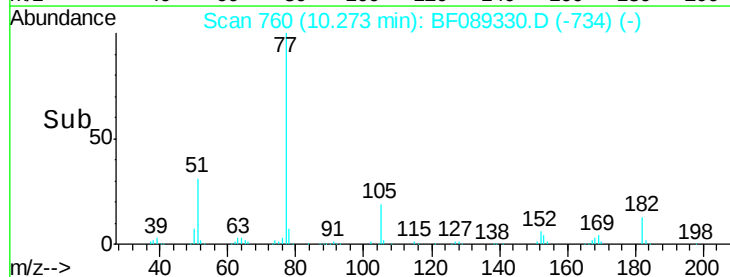
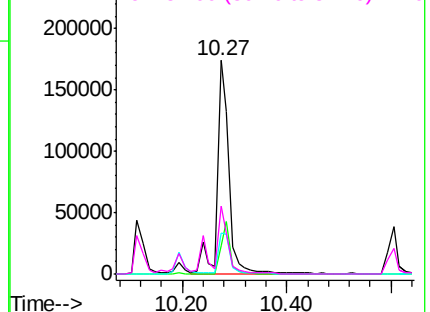


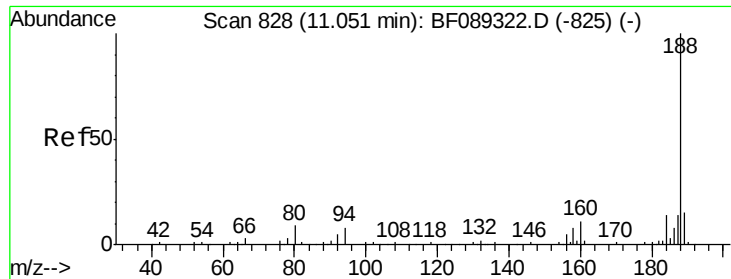
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

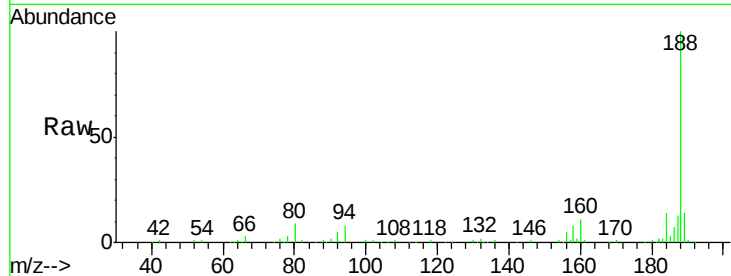




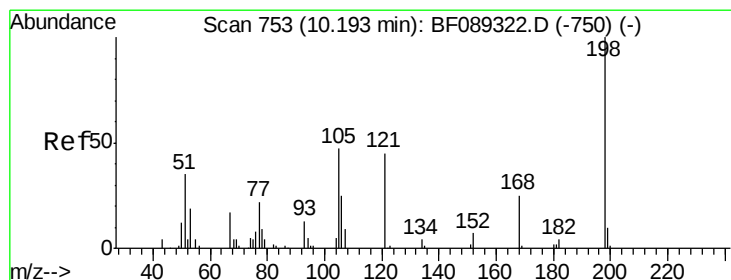
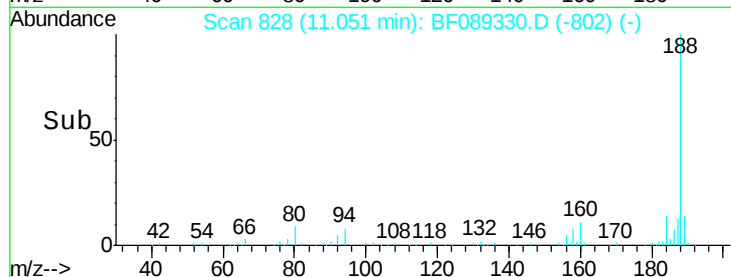
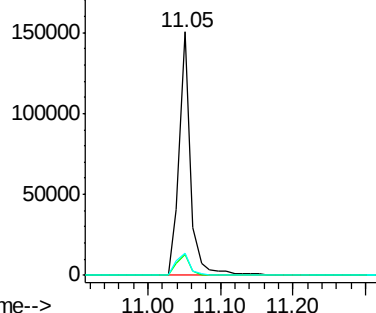
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 165473
Ion Ratio Lower Upper
188 100
94 8.4 6.5 9.7
80 9.1 7.2 10.8

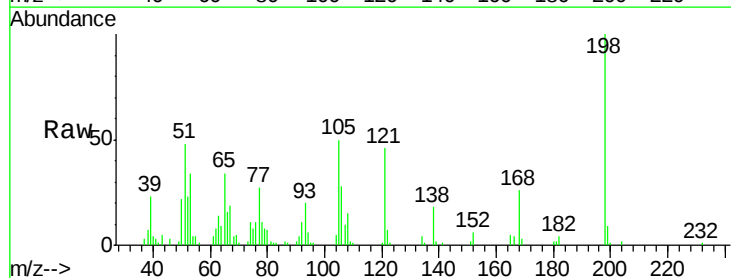


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

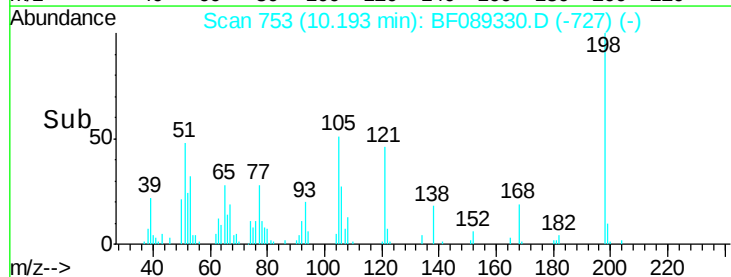
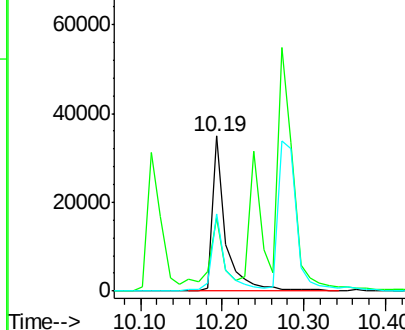


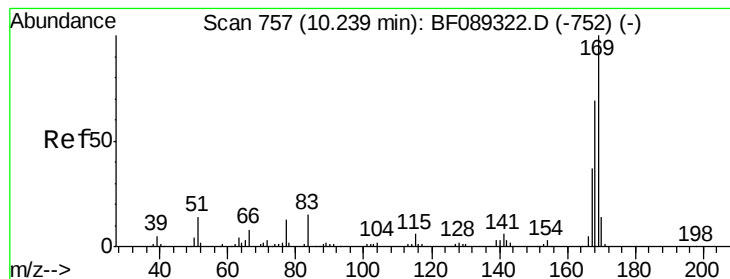
#64
4,6-Dinitro-2-methylphenol
Concen: 41.05 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Tgt Ion:198 Resp: 40310
Ion Ratio Lower Upper
198 100
51 47.5 23.0 63.0
105 50.0 28.3 68.3



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





#65

n-Nitrosodiphenylamine

Concen: 40.82 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampleId :

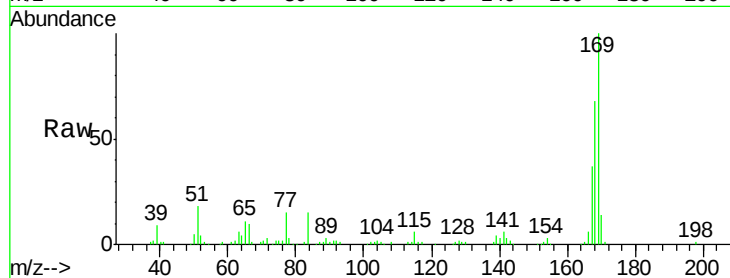
Tot Ion:169 Resp: 210768

Ion Ratio Lower Upper

169 100

168 68.2 55.4 83.0

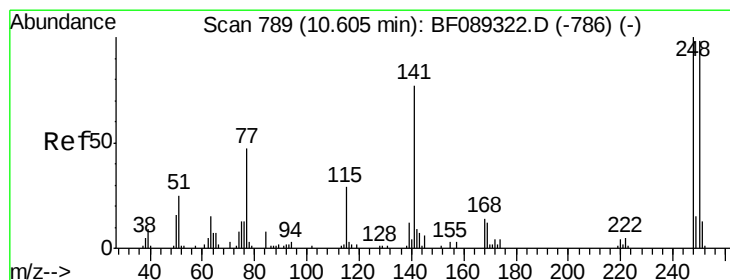
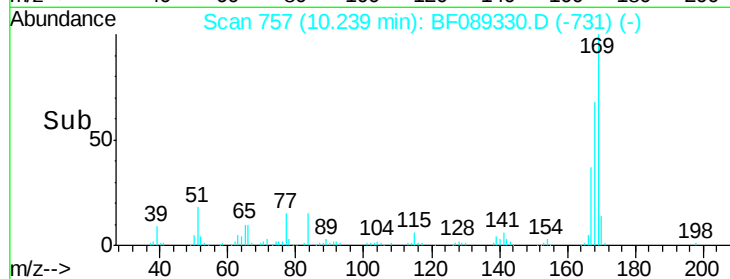
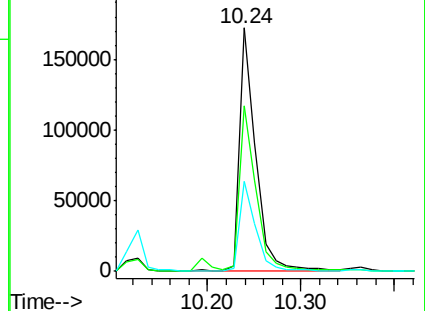
167 36.7 29.7 44.5



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: 44.18 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

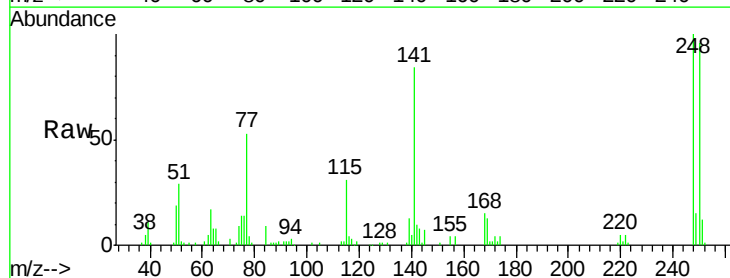
Tgt Ion:248 Resp: 69796

Ion Ratio Lower Upper

248 100

250 95.6 78.2 117.2

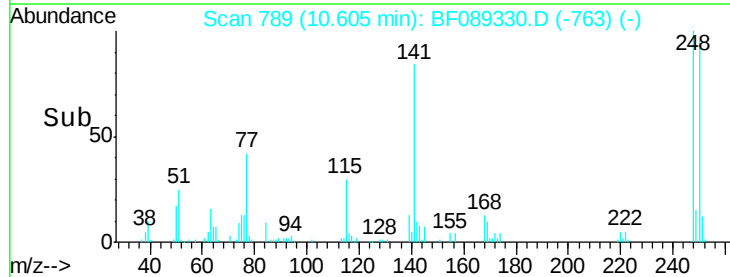
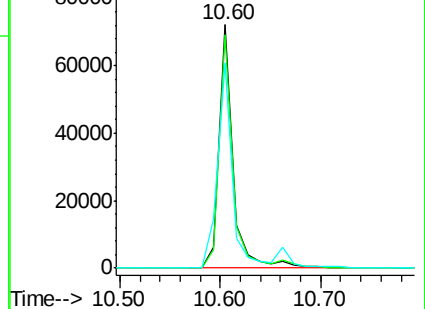
141 84.2 62.0 93.0

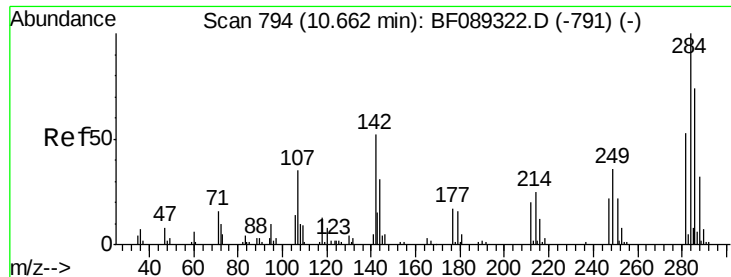


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

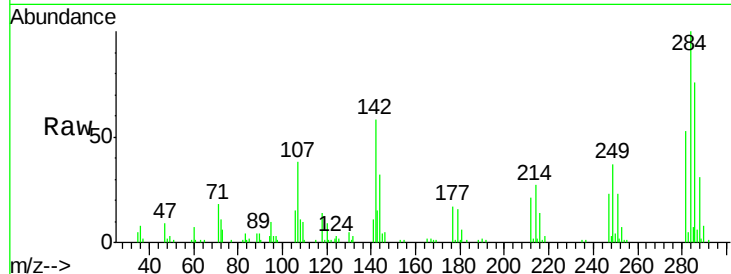




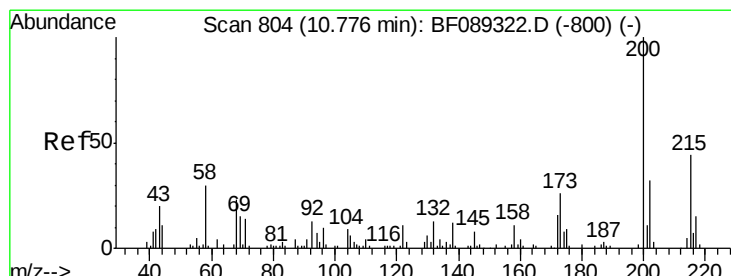
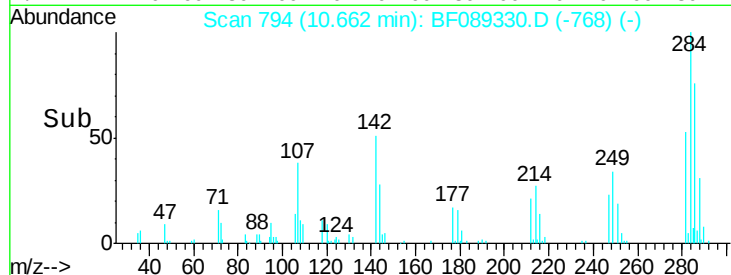
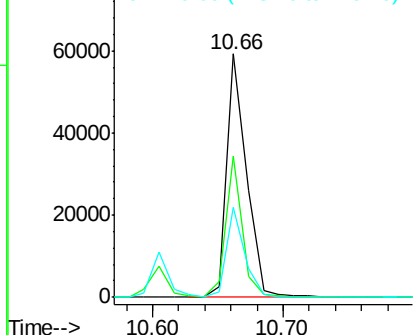
#67
Hexachlorobenzene
Concen: 38.57 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 62453
Ion Ratio Lower Upper
284 100
142 57.8 42.2 63.4
249 36.9 29.4 44.0

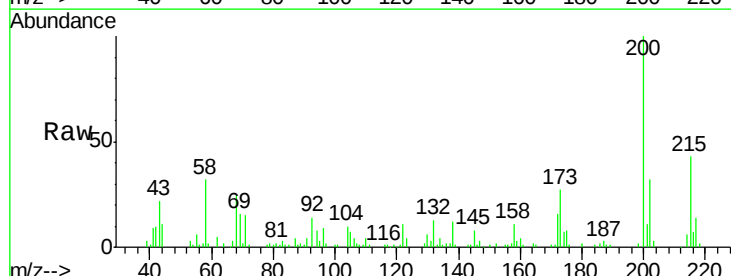


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

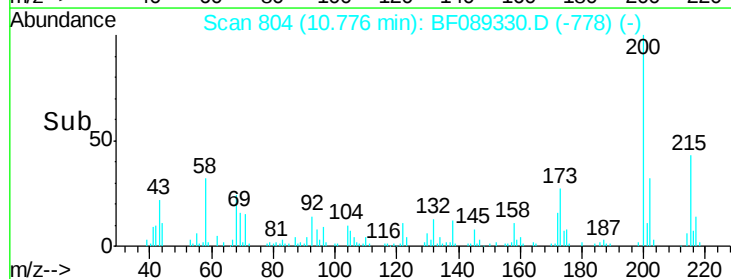
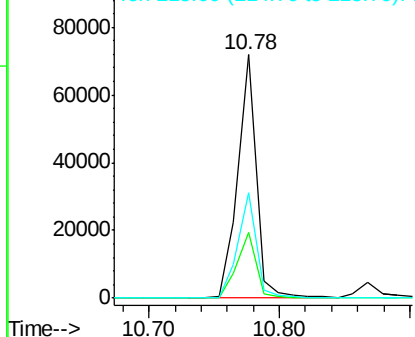


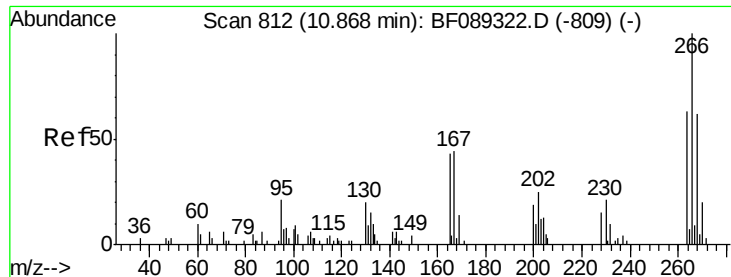
#68
Atrazine
Concen: 44.60 ng
RT: 10.78 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Tgt Ion:200 Resp: 70748
Ion Ratio Lower Upper
200 100
173 26.8 6.0 46.0
215 43.3 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

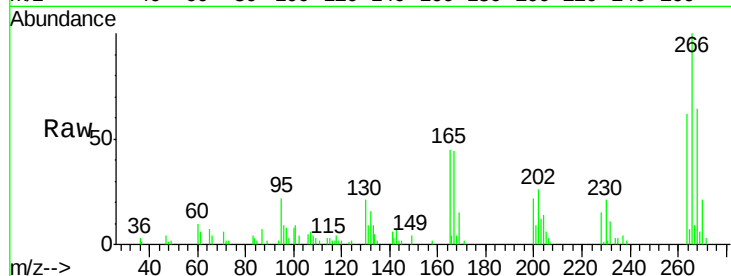




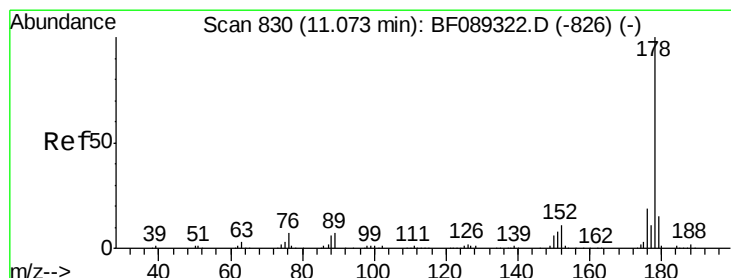
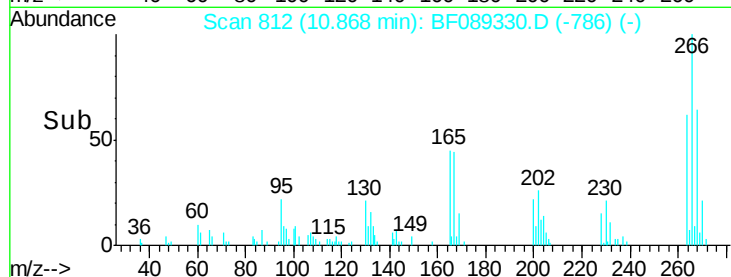
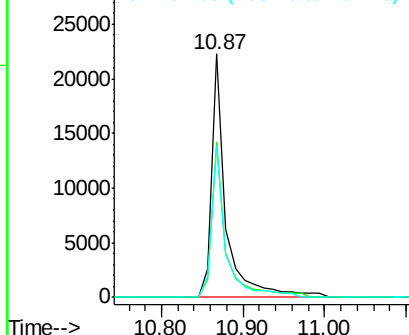
#69
 Pentachlorophenol
 Concen: 38.83 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 27809
 Ion Ratio Lower Upper
 266 100
 268 63.8 49.4 74.2
 264 62.4 50.2 75.2

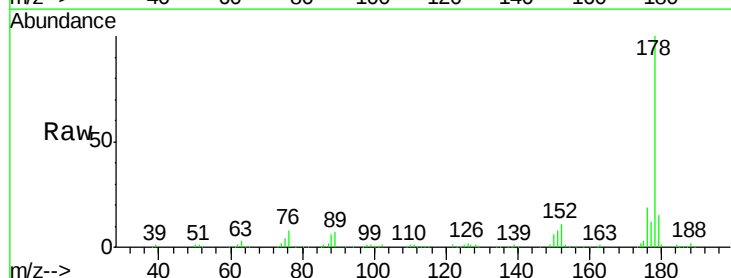


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

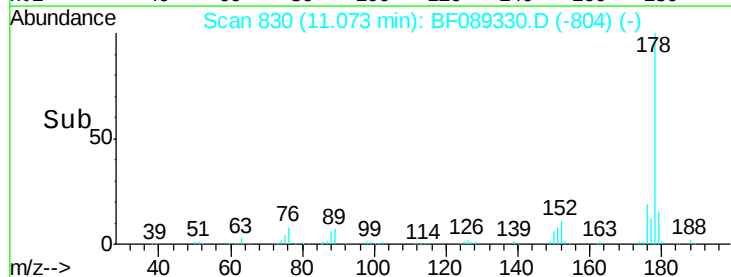
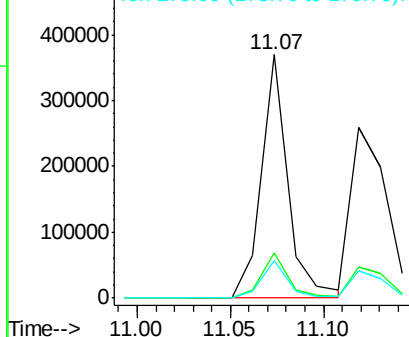


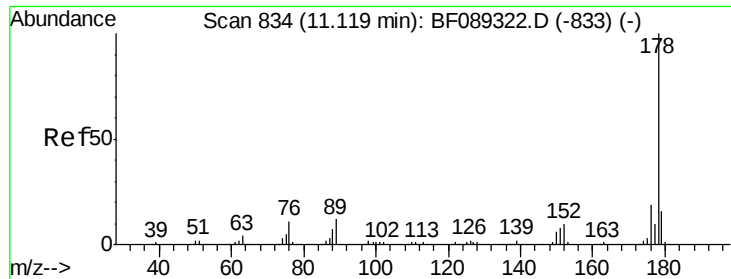
#70
 Phenanthrene
 Concen: 42.47 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Tgt Ion:178 Resp: 362432
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.5 23.3
 179 15.4 12.3 18.5



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

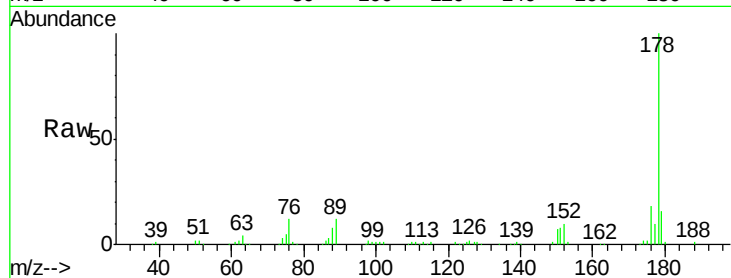




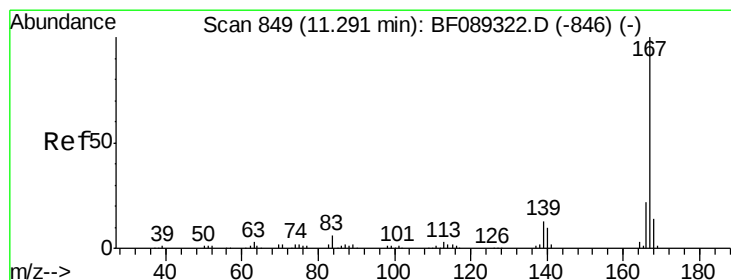
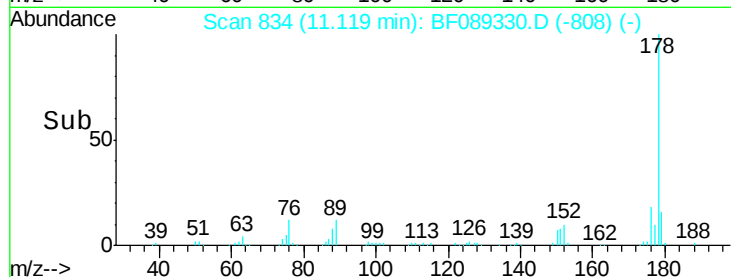
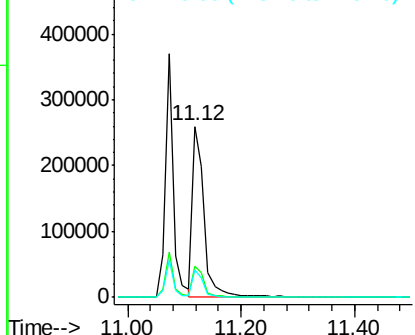
#71
 Anthracene
 Concen: 39.70 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 376663
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 15.7 12.6 18.8

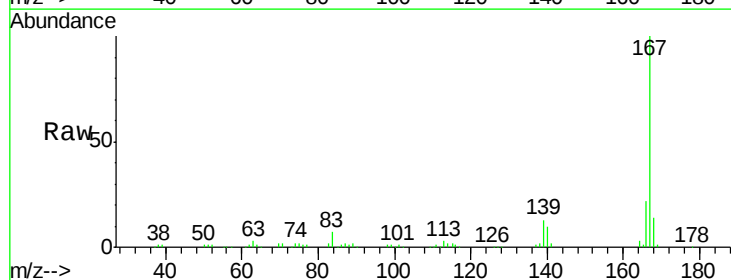


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

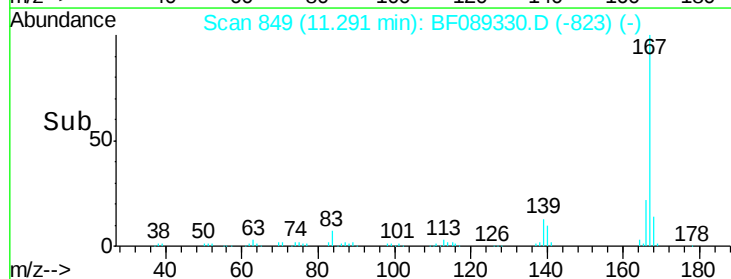
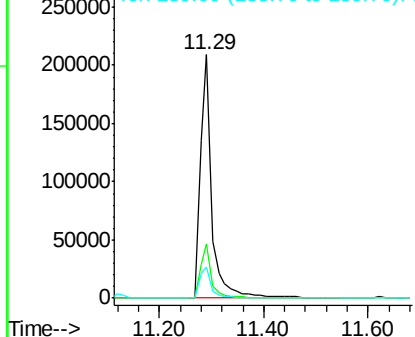


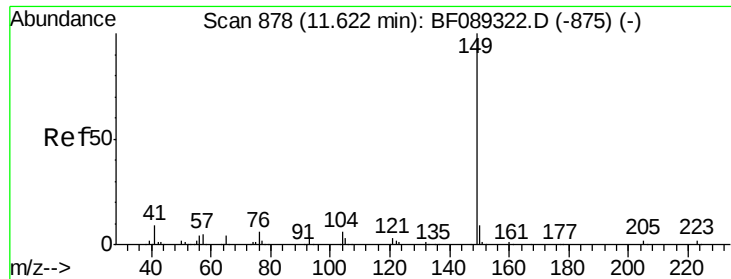
#72
 Carbazole
 Concen: 40.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Tgt Ion:167 Resp: 319525
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.9 10.1 15.1



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





#73

Di-n-butylphthalate

Concen: 37.64 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampleId :

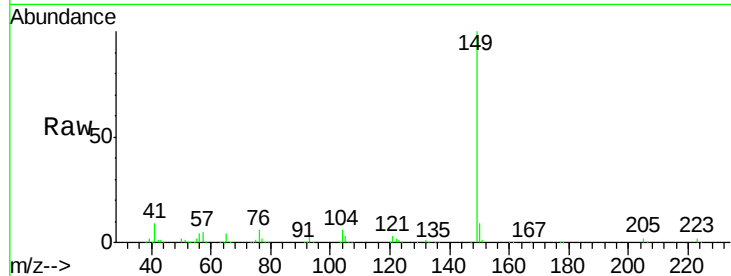
Tot Ion:149 Resp: 403375

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

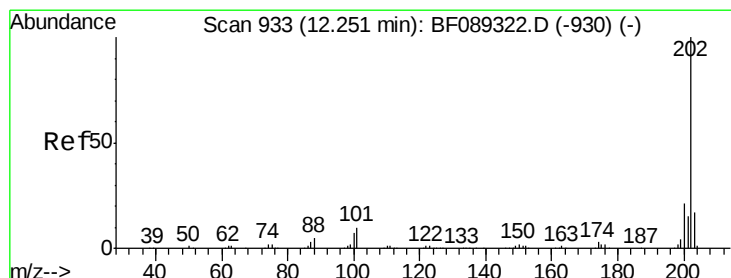
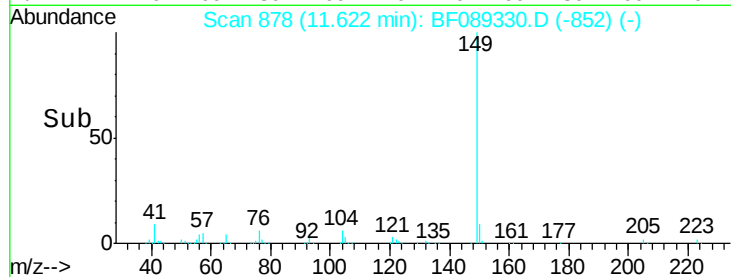
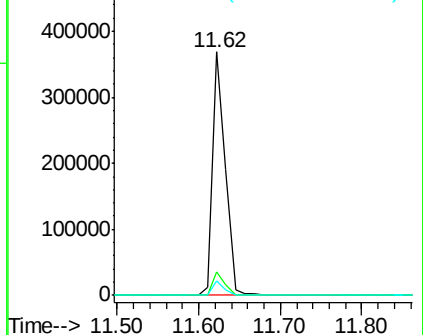
104 6.0 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.73 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

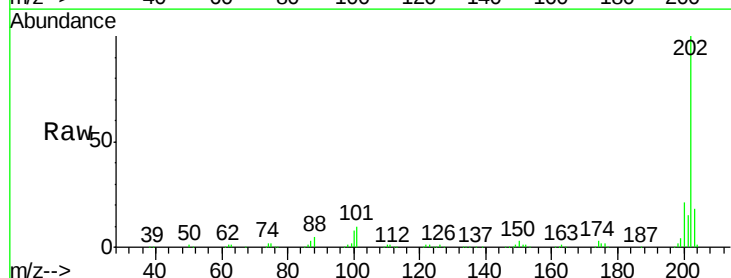
Tgt Ion:202 Resp: 383581

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.9

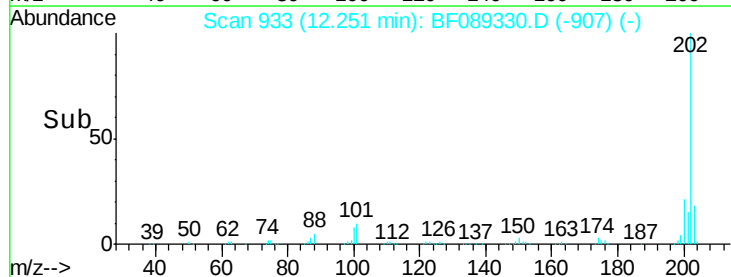
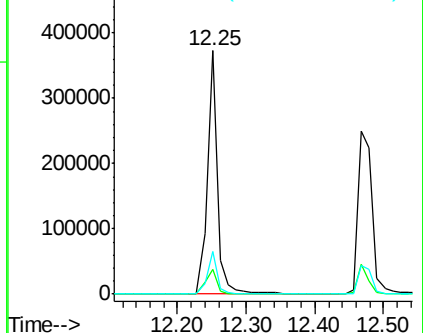
203 17.6 0.0 37.3

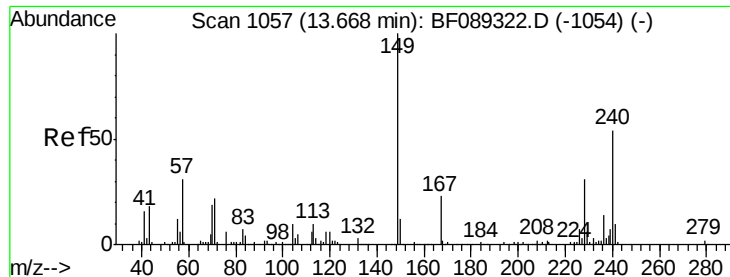


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampleId :

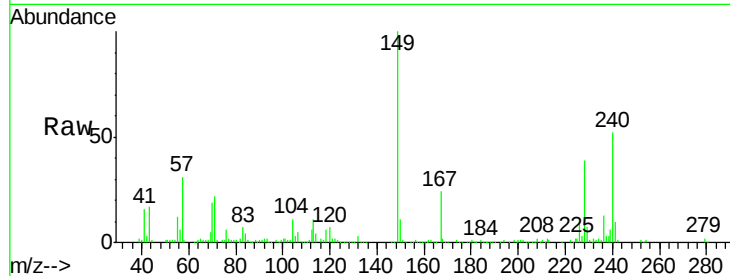
Tot Ion:240 Resp: 123991

Ion Ratio Lower Upper

240 100

120 13.6 9.1 13.7

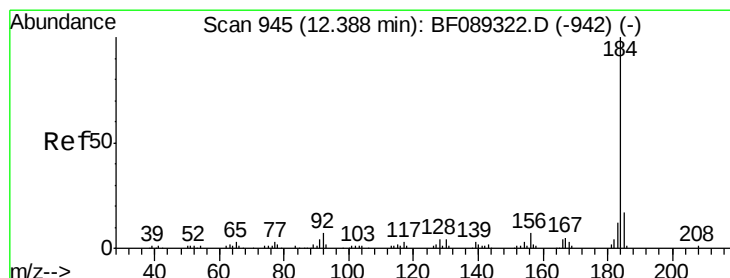
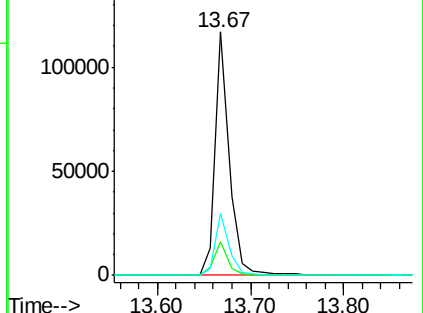
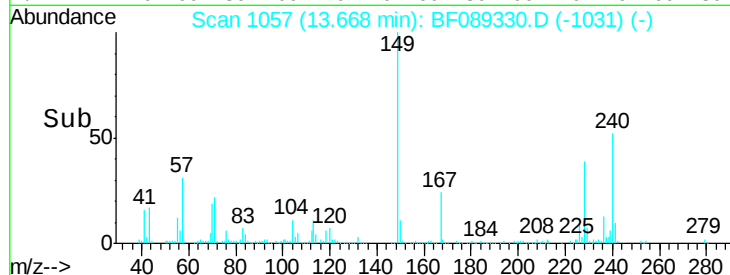
236 25.3 20.6 30.8



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: 39.64 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

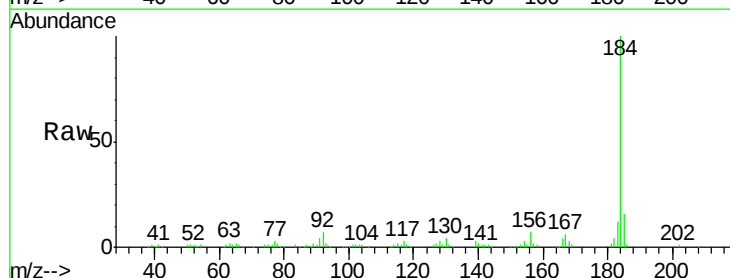
Tgt Ion:184 Resp: 181603

Ion Ratio Lower Upper

184 100

185 16.1 13.5 20.3

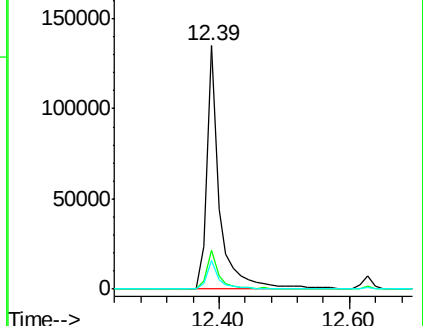
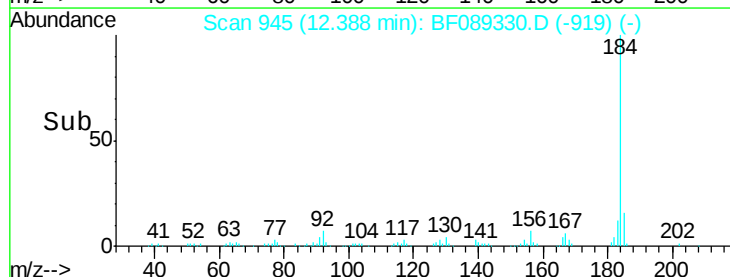
183 11.9 9.8 14.6

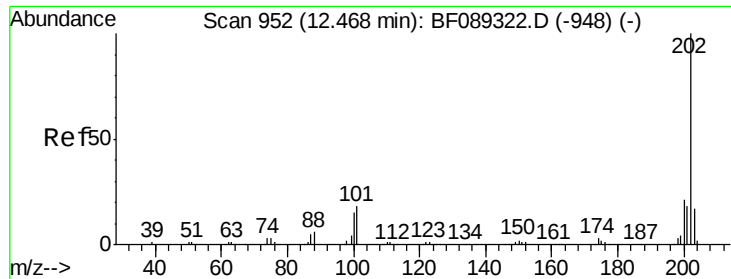


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

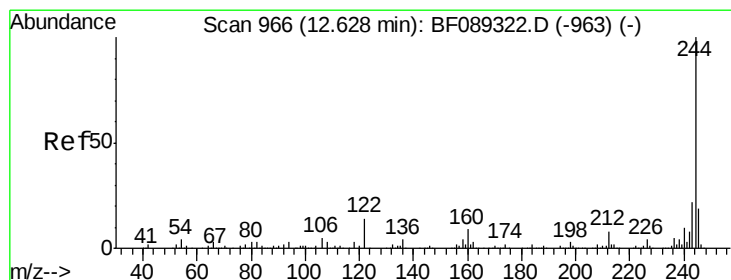
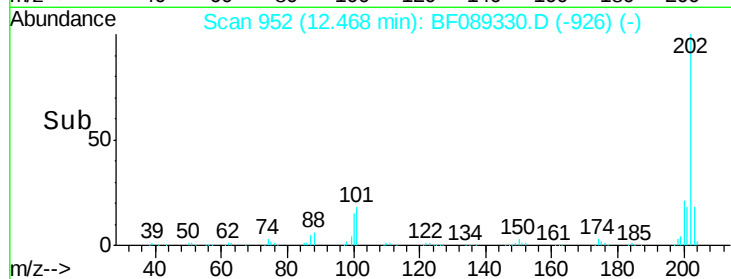
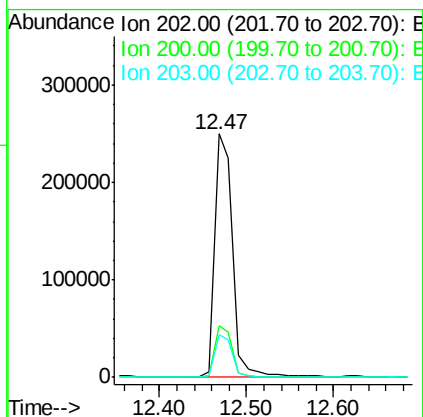
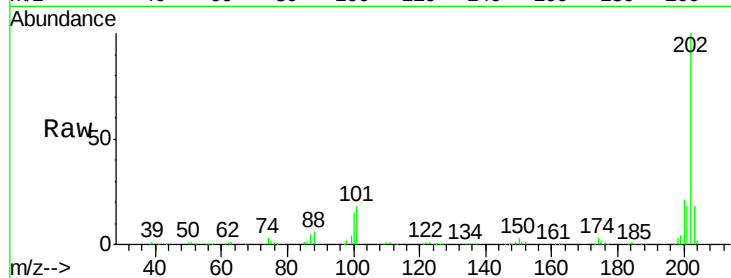




#77
Pvrene
Concen: 38.36 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

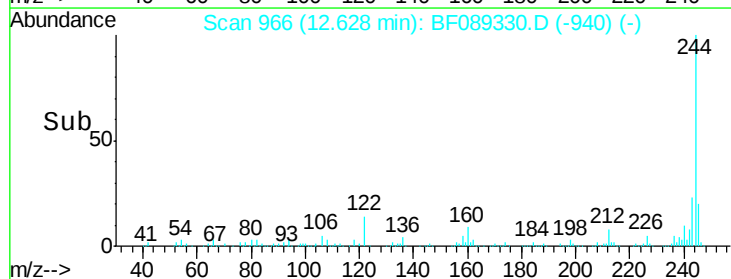
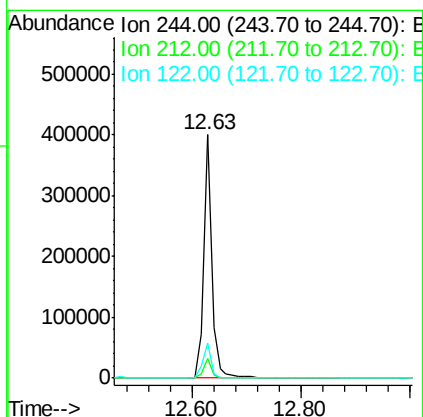
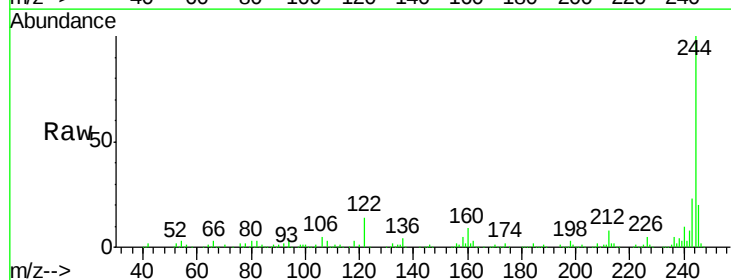
Instrument :
BNA_F
ClientSampleId :

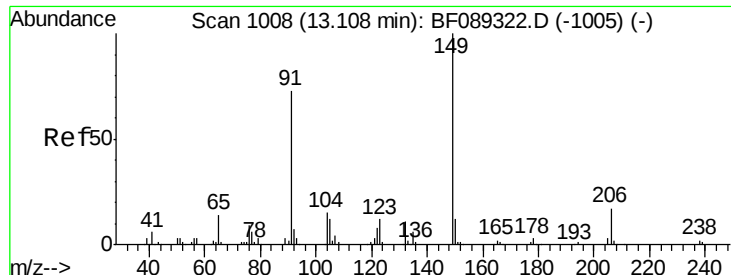
Tot Ion:202 Resp: 360471
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.6 14.0 21.0



#78
Terphenyl-d14
Concen: 77.46 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Tgt Ion:244 Resp: 410347
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 14.4 11.4 17.0

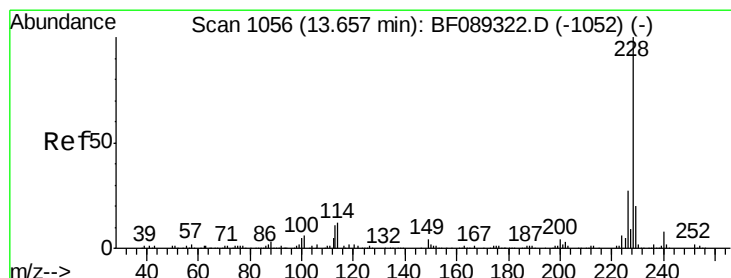
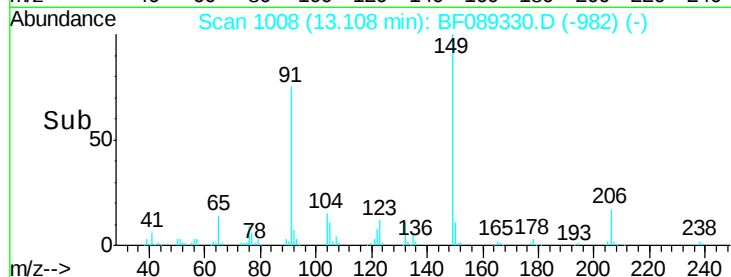
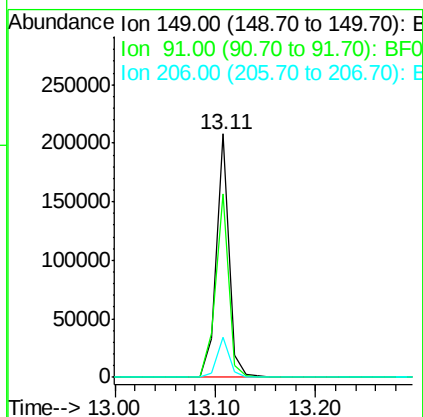
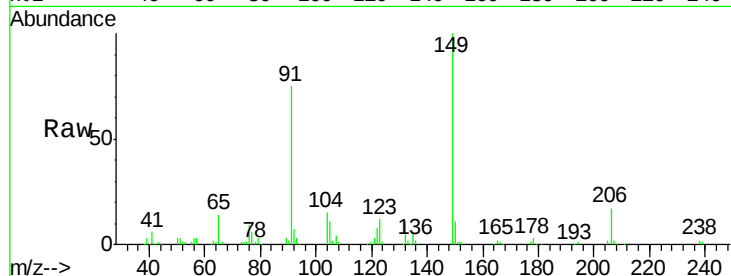




#79
Butylbenzylphthalate
Concen: 42.77 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

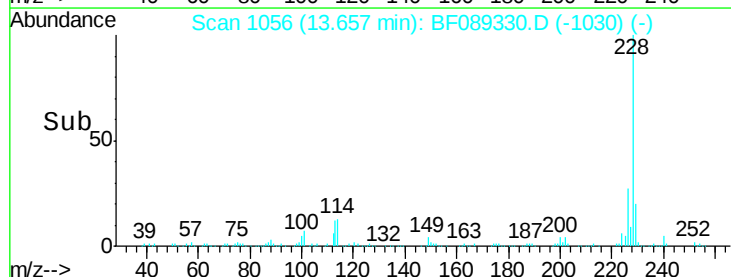
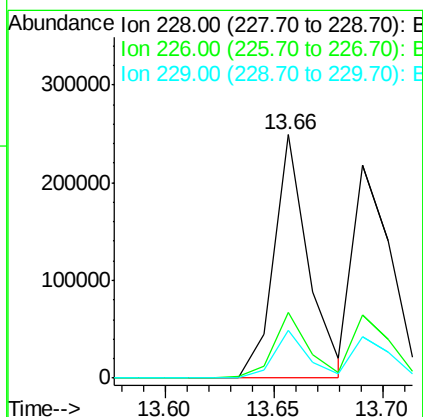
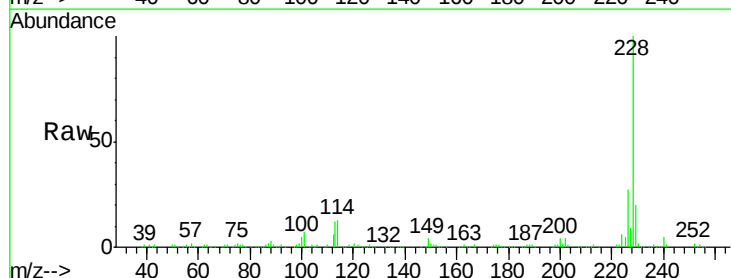
Instrument :
BNA_F
ClientSampled :

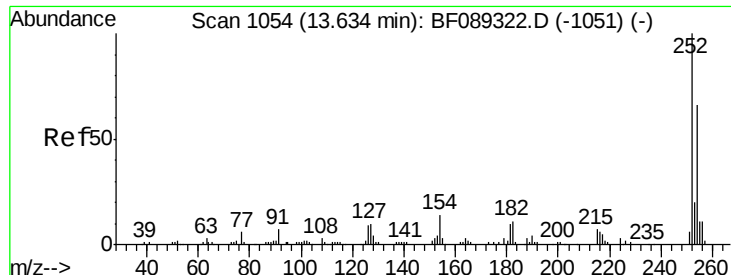
Tot Ion:149 Resp: 182723
Ion Ratio Lower Upper
149 100
91 75.2 58.5 87.7
206 16.6 13.8 20.8



#80
Benzo(a)anthracene
Concen: 39.45 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Tgt Ion:228 Resp: 276060
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.6 15.9 23.9

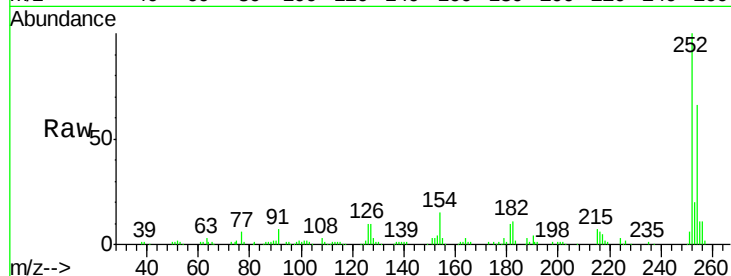




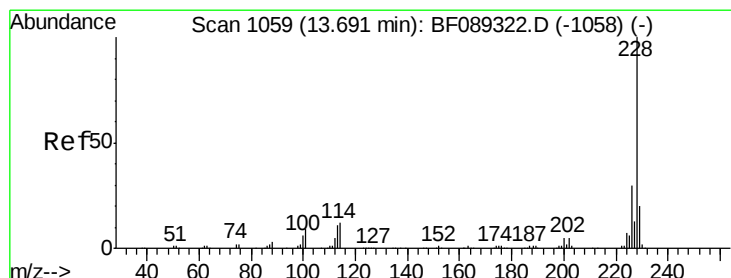
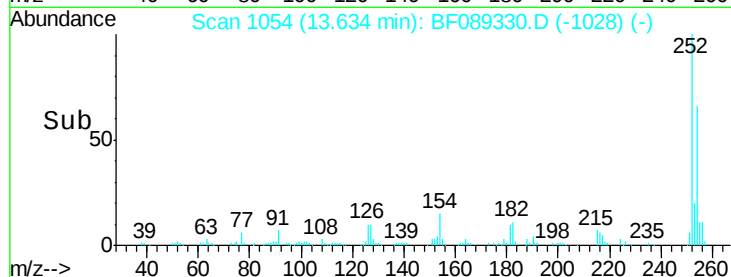
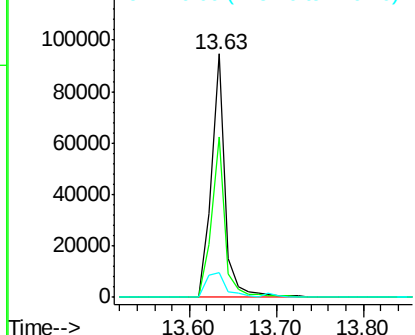
#81
 3,3'-Dichlorobenzidine
 Concen: 41.90 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 105502
 Ion Ratio Lower Upper
 252 100
 254 65.7 52.5 78.7
 126 10.0 7.4 11.2

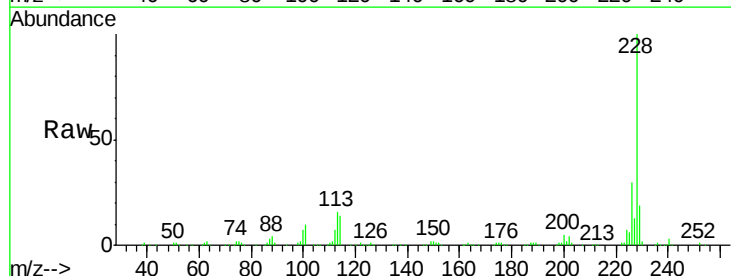


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

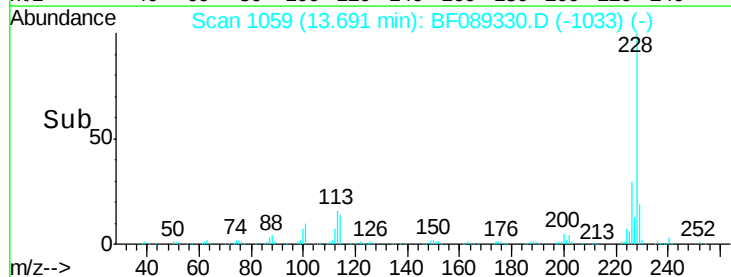
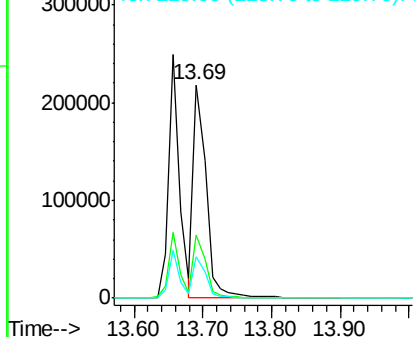


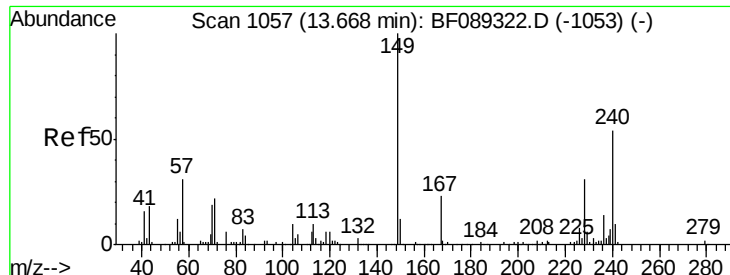
#82
 Chrysene
 Concen: 37.53 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Tgt Ion:228 Resp: 279531
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.2 36.2
 229 19.3 15.9 23.9



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

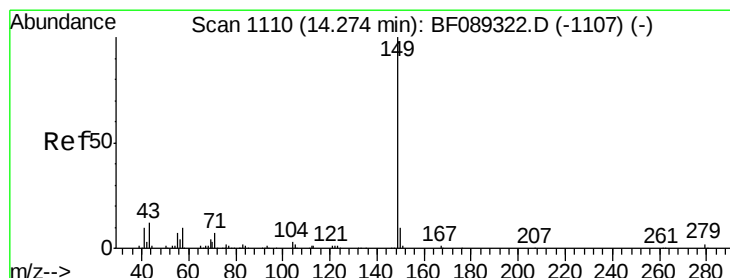
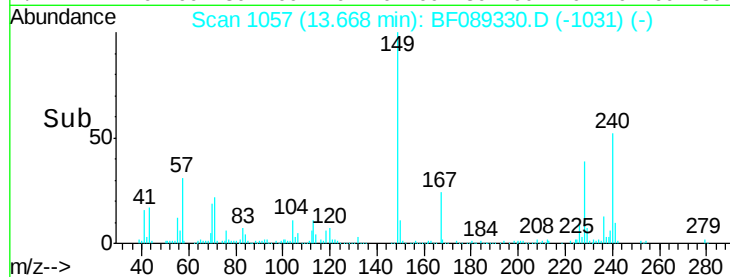
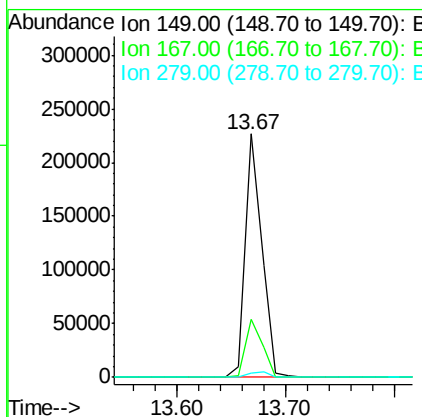
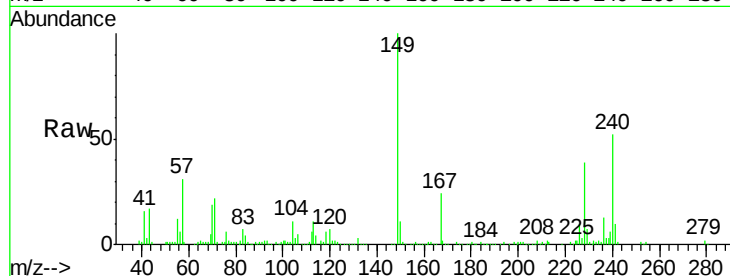




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.53 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

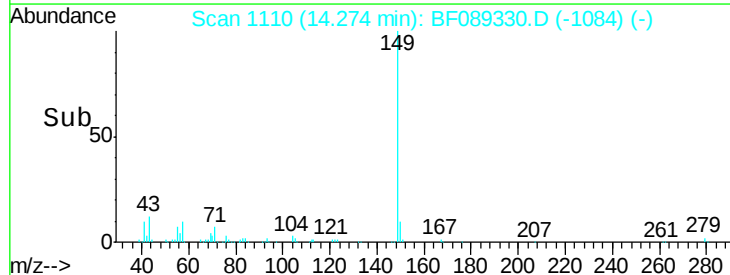
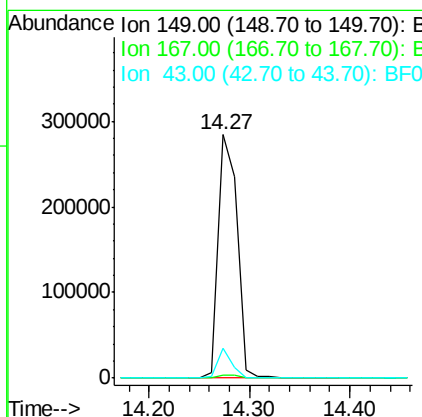
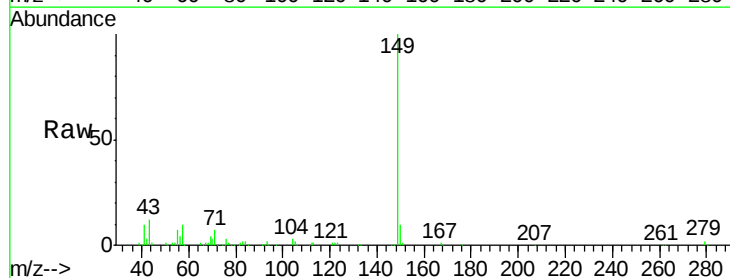
Instrument :
 BNA_F
 ClientSampleId :

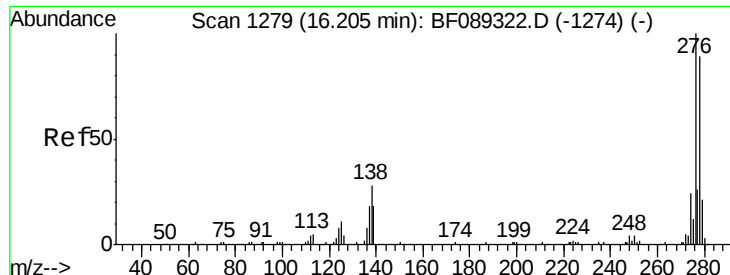
Tot Ion:149 Resp: 237943
 Ion Ratio Lower Upper
 149 100
 167 23.8 18.8 28.2
 279 1.8 1.4 2.0



#84
 Di-n-octyl phthalate
 Concen: 38.59 ng
 RT: 14.27 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Tgt Ion:149 Resp: 371939
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.2 7.3 10.9

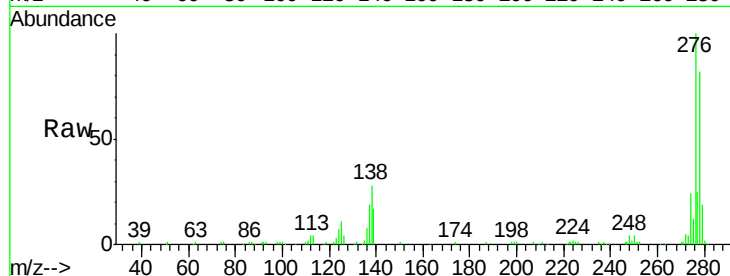




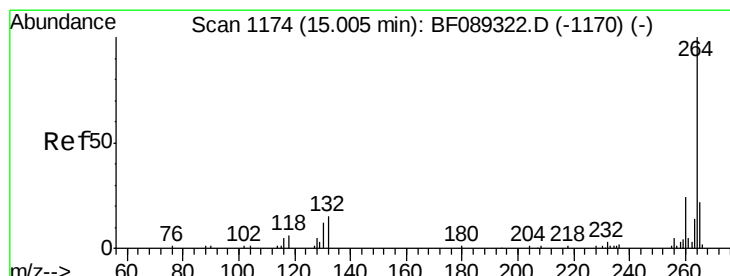
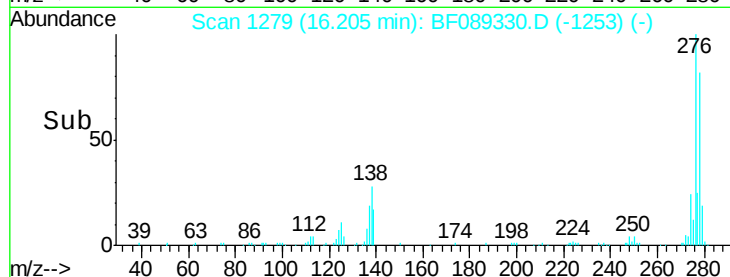
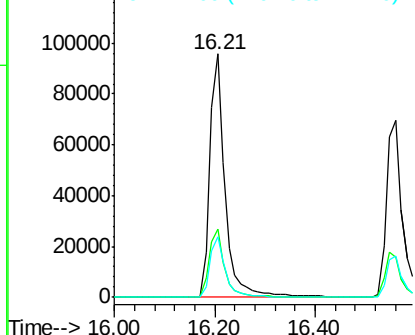
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.19 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 202218
 Ion Ratio Lower Upper
 276 100
 138 28.5 23.0 34.4
 277 25.1 20.2 30.4

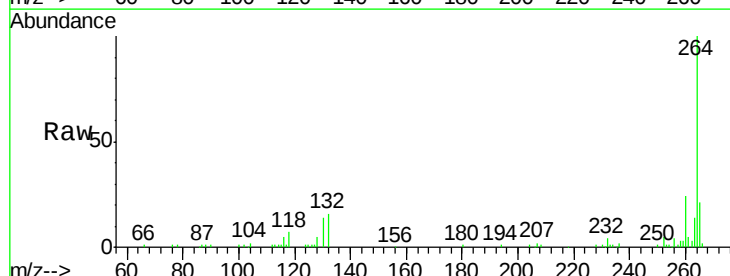


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

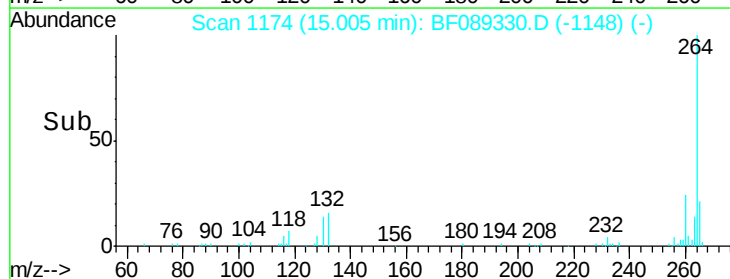
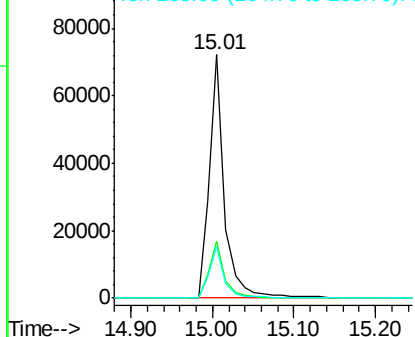


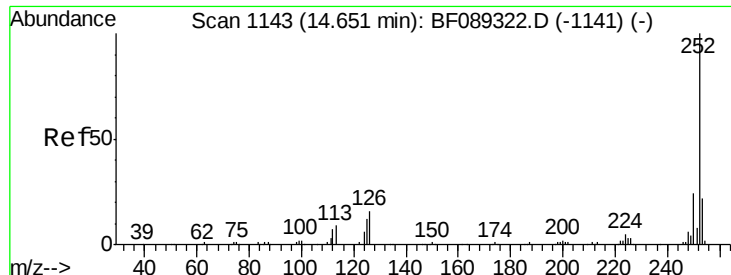
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Tgt Ion:264 Resp: 94093
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 79.40 ng

RT: 14.65 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

Instrument :

BNA_F

ClientSampled :

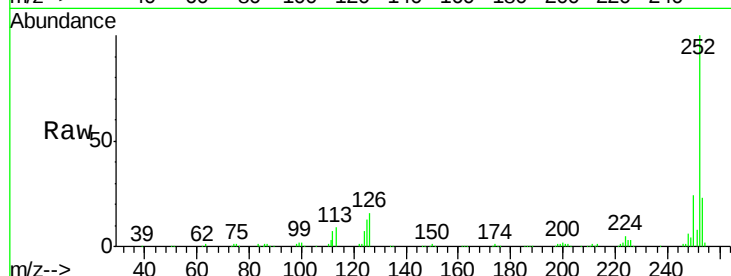
Tot Ion:252 Resp: 463957

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

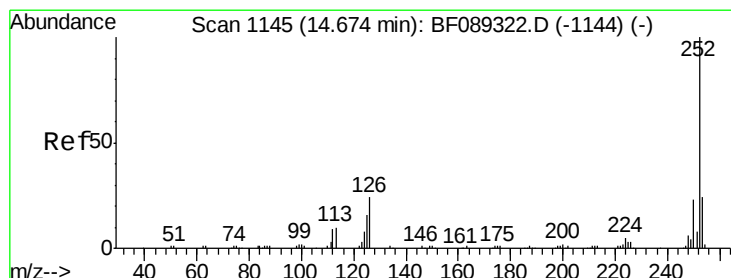
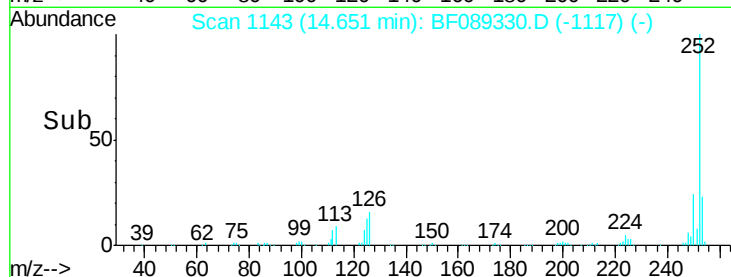
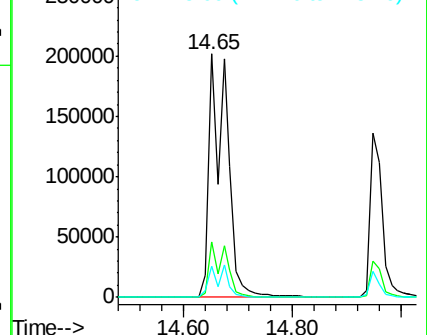
125 12.6 9.7 14.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 86.41 ng

RT: 14.65 min Scan# 1143

Delta R.T. -0.02 min

Lab File: BF089330.D

Acq: 27 Jul 2016 15:54

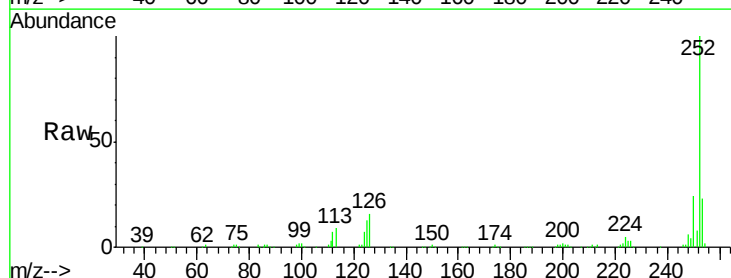
Tgt Ion:252 Resp: 464205

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

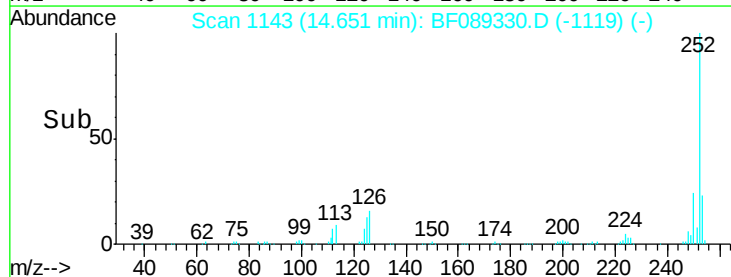
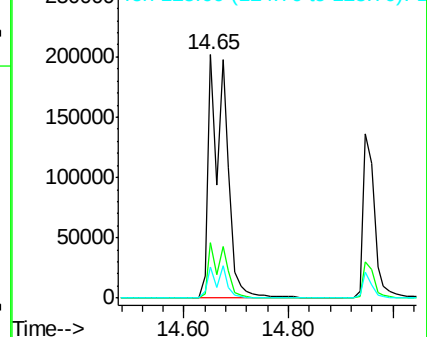
125 12.6 10.7 16.1

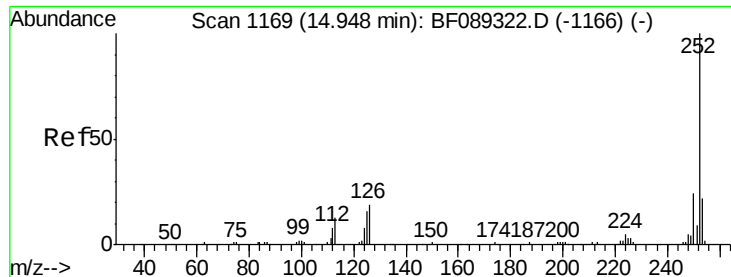


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

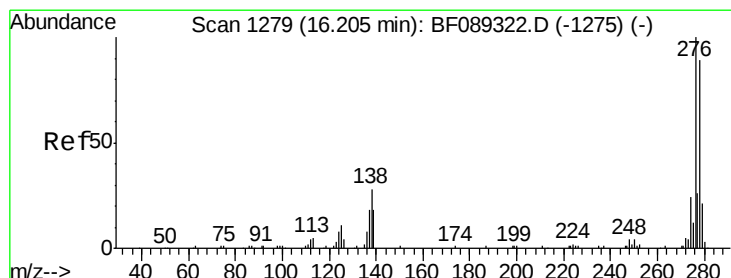
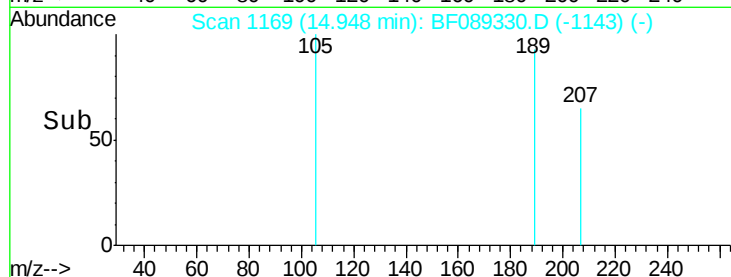
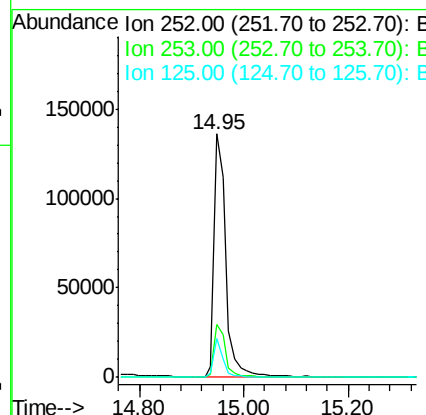
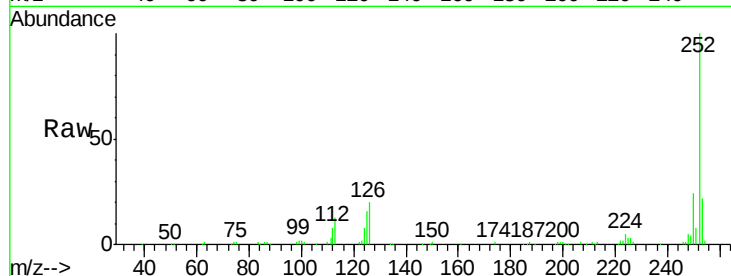




#89
Benzo(a)pyrene
Concen: 40.97 ng
RT: 14.95 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

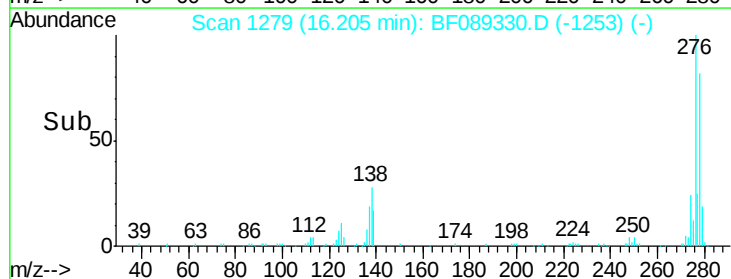
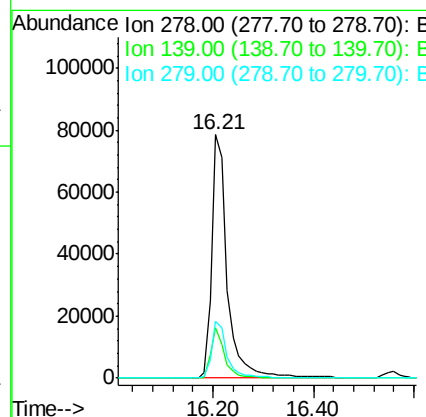
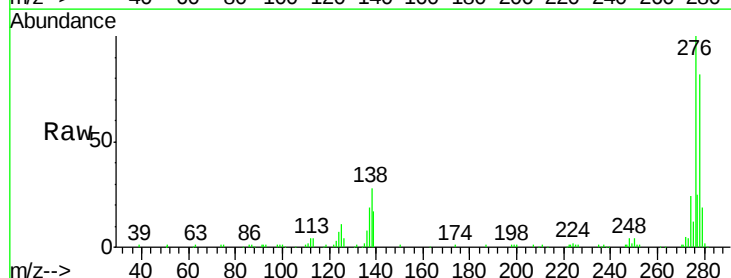
Instrument :
BNA_F
ClientSampleId :

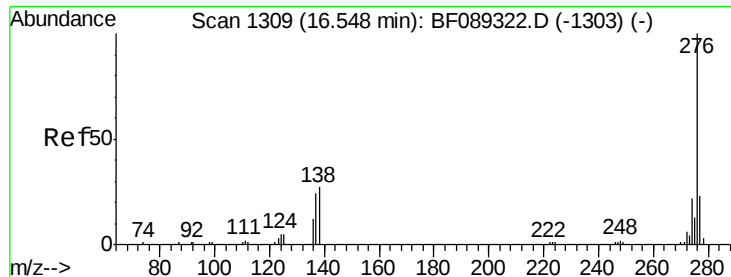
Tot Ion:252 Resp: 214769
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 16.2 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 40.89 ng
RT: 16.21 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF089330.D
Acq: 27 Jul 2016 15:54

Tgt Ion:278 Resp: 168840
Ion Ratio Lower Upper
278 100
139 20.8 16.3 24.5
279 23.2 19.1 28.7

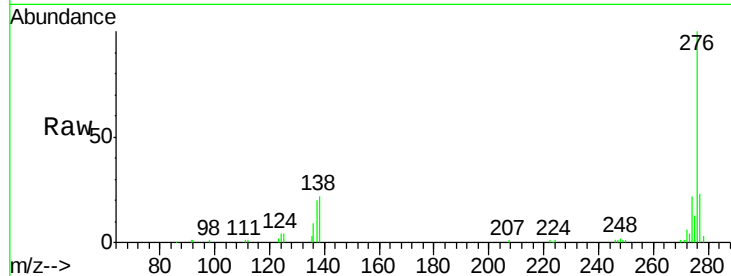




#91
 Benzo(a,h,i)perylene
 Concen: 40.38 ng
 RT: 16.56 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF089330.D
 Acq: 27 Jul 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 163891
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.6 28.0
 138 22.3 21.4 32.0



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

