

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089462.D
 Acq On : 30 Jul 2016 19:46
 Operator : UM/SJ
 Sample : H4284-13MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:11:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	46852	20.00	ng	-0.05
21) Naphthalene-d8	7.79	136	191016	20.00	ng	-0.03
38) Acenaphthene-d10	9.53	164	88926	20.00	ng	-0.05
63) Phenanthrene-d10	11.00	188	159271	20.00	ng	-0.05
75) Chrysene-d12	13.62	240	87097	20.00	ng	-0.05
86) Perylene-d12	14.95	264	79617	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	447448	152.49	ng	-0.02
7) Phenol-d6	6.17	99	529576	136.57	ng	-0.03
23) Nitrobenzene-d5	7.08	82	360718	111.47	ng	-0.03
41) 2,4,6-Tribromophenol	10.32	330	92191	125.17	ng	-0.05
44) 2-Fluorobiphenyl	8.87	172	535534	88.38	ng	-0.05
78) Terphenyl-d14	12.58	244	384289	103.27	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.95	88	56673	42.88	ng	97
3) Pyridine	2.55	79	107555	37.46	ng	96
4) n-Nitrosodimethylamine	2.52	42	61170	51.15	ng	99
6) Aniline	6.17	93	180184	43.03	ng	96
8) 2-Chlorophenol	6.30	128	169648	51.11	ng	95
9) Benzaldehyde	6.04	77	87948	46.45	ng	98
10) Phenol	6.18	94	215011	50.25	ng	100
11) bis(2-Chloroethyl)ether	6.25	93	170356	46.86	ng	91
12) 1,3-Dichlorobenzene	6.67	146	159784	46.02	ng	94
13) 1,4-Dichlorobenzene	6.52	146	174163	45.46	ng	93
14) 1,2-Dichlorobenzene	6.67	146	175958	49.02	ng	96
15) Benzyl Alcohol	6.66	79	142910	59.38	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.80	45	188438	47.52	ng	95
17) 2-Methylphenol	6.79	107	125514	48.93	ng	98
18) Hexachloroethane	7.00	117	64245	43.73	ng	96
19) n-Nitroso-di-n-propylamine	6.94	70	125472	53.66	ng	# 89
20) 3+4-Methylphenols	6.95	107	173778	52.75	ng	# 89
22) Acetophenone	6.94	105	224962	49.47	ng	# 96
24) Nitrobenzene	7.10	77	173201	47.02	ng	91
25) Isophorone	7.35	82	354227	54.34	ng	99
26) 2-Nitrophenol	7.42	139	92676	56.28	ng	94
27) 2,4-Dimethylphenol	7.47	122	153675	58.58	ng	99
28) bis(2-Chloroethoxy)methane	7.56	93	222672	61.71	ng	98
29) 2,4-Dichlorophenol	7.67	162	136074	56.92	ng	96
30) 1,2,4-Trichlorobenzene	7.74	180	143205	52.51	ng	97
31) Naphthalene	7.82	128	475168	50.23	ng	99
32) Benzoic acid	7.60	122	20739	11.35	ng	97
33) 4-Chloroaniline	7.87	127	131702	36.57	ng	# 94
34) Hexachlorobutadiene	7.93	225	69197	44.30	ng	98
35) Caprolactam	8.26	113	21506	29.81	ng	93
36) 4-Chloro-3-methylphenol	8.38	107	159510	56.15	ng	99
37) 2-Methylnaphthalene	8.50	142	312693	54.86	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	120484	38.72	ng	99
40) Hexachlorocyclopentadiene	8.65	237	74730	83.77	ng	98

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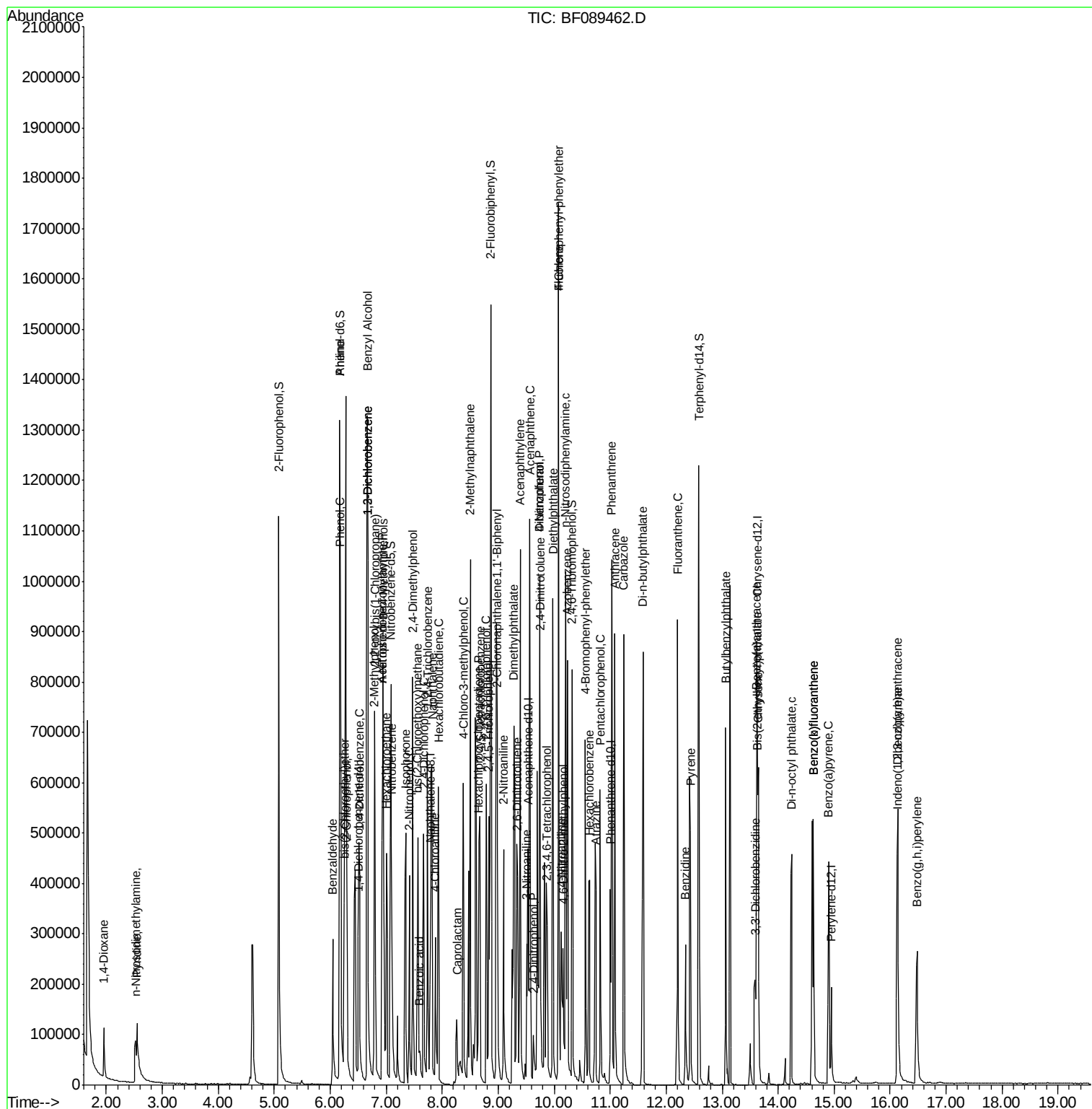
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	86340	58.36	nq	99
43) 2,4,5-Trichlorophenol	8.83	196	99181	52.92	nq	# 90
45) 1,1'-Biphenyl	8.97	154	340247	44.94	nq	96
46) 2-Chloronaphthalene	8.98	162	279245	49.11	nq	98
47) 2-Nitroaniline	9.10	65	100363	59.60	nq	# 84
48) Acenaphthylene	9.39	152	434353	48.50	nq	99
49) Dimethylphthalate	9.28	163	452489	66.86	nq	98
50) 2,6-Dinitrotoluene	9.35	165	80173	57.65	nq	# 83
51) Acenaphthene	9.56	154	255615	48.87	nq	98
52) 3-Nitroaniline	9.51	138	62219	42.40	nq	# 77
53) 2,4-Dinitrophenol	9.63	184	22979	46.72	nq	89
54) Dibenzofuran	9.74	168	374939	52.61	nq	95
55) 4-Nitrophenol	9.74	139	258636	340.09	nq	# 10
56) 2,4-Dinitrotoluene	9.75	165	103186	56.36	nq	# 79
57) Fluorene	10.08	166	311977	50.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	71806	57.39	nq	97
59) Diethylphthalate	9.98	149	354165	51.62	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	144125	50.50	nq	93
61) 4-Nitroaniline	10.12	138	73647	48.69	nq	96
62) Azobenzene	10.24	77	395188	55.93	nq	89
64) 4,6-Dinitro-2-methylphenol	10.16	198	42239	44.31	nq	92
65) n-Nitrosodiphenylamine	10.20	169	293961	59.15	nq	99
66) 4-Bromophenyl-phenylether	10.56	248	79071	52.00	nq	# 82
67) Hexachlorobenzene	10.63	284	81297	52.17	nq	# 69
68) Atrazine	10.74	200	89765	58.80	nq	97
69) Pentachlorophenol	10.82	266	69560	91.21	nq	99
70) Phenanthrene	11.03	178	408737	49.76	nq	100
71) Anthracene	11.08	178	465289	50.95	nq	99
72) Carbazole	11.24	167	414122	53.87	nq	99
73) Di-n-butylphthalate	11.59	149	510804	49.52	nq	98
74) Fluoranthene	12.20	202	390463	45.19	nq	98
76) Benzidine	12.34	184	149923	46.59	nq	95
77) Pyrene	12.43	202	360837	54.66	nq	99
79) Butylbenzylphthalate	13.06	149	163590	54.51	nq	96
80) Benzo(a)anthracene	13.61	228	241359	49.10	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	68337	38.64	nq	99
82) Chrysene	13.65	228	234514	44.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	220785	50.89	nq	# 93
84) Di-n-octyl phthalate	14.24	149	336931	49.77	nq	99
85) Indeno(1,2,3-cd)pyrene	16.13	276	260167	69.94	nq	99
87) Benzo(b)fluoranthene	14.63	252	425483	86.05	nq	99
88) Benzo(k)fluoranthene	14.63	252	425750	93.66	nq	99
89) Benzo(a)pyrene	14.90	252	207433	46.77	nq	# 96
90) Dibenzo(a,h)anthracene	16.14	278	221691	63.45	nq	98
91) Benzo(g,h,i)perylene	16.48	276	219533	63.92	nq	96

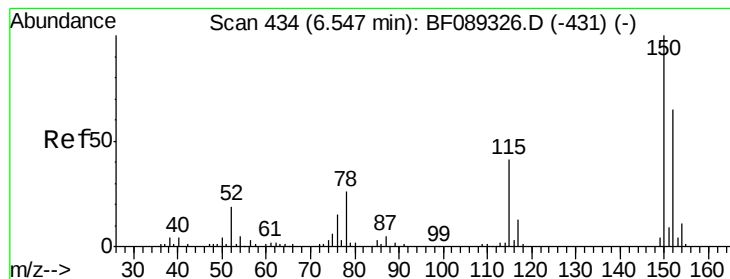
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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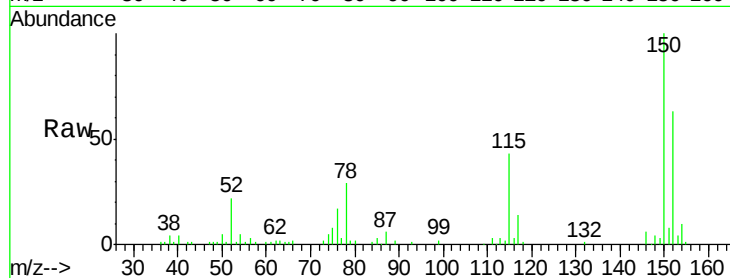




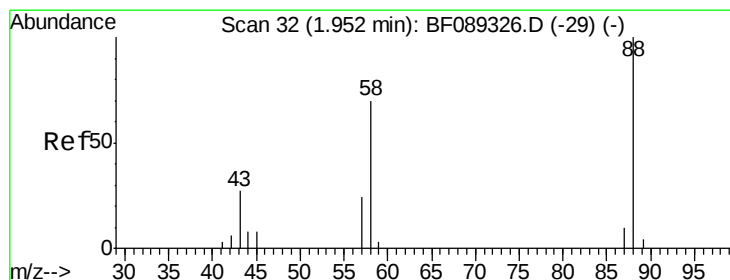
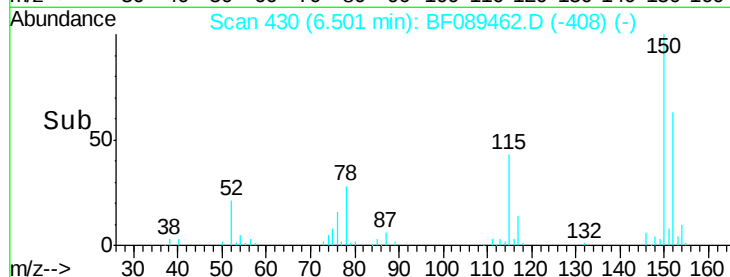
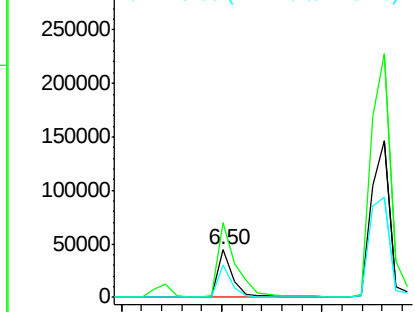
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.50 min Scan# 430
 Delta R.T. -0.05 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 46852
 Ion Ratio Lower Upper
 152 100
 150 157.5 129.5 194.3
 115 67.4 51.4 77.2

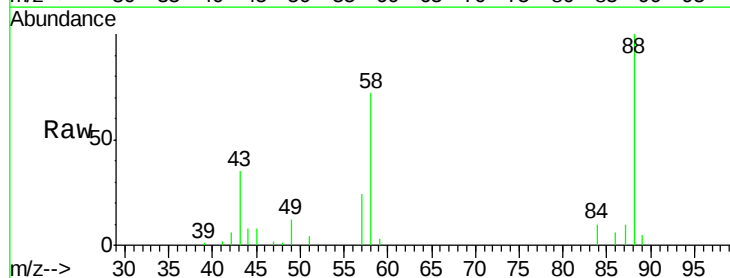


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

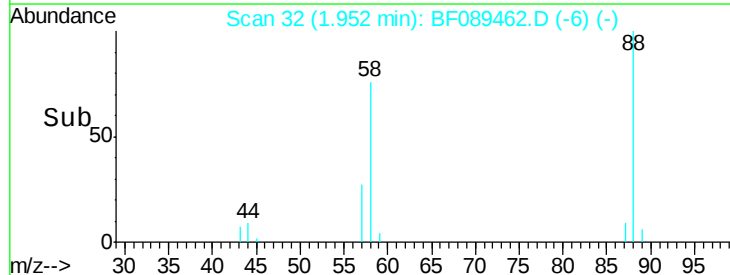
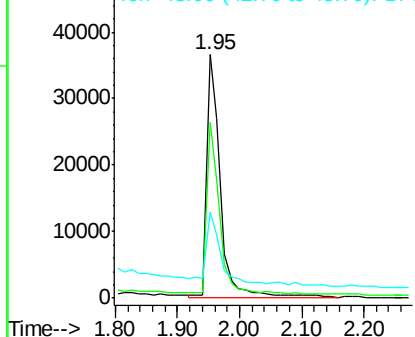


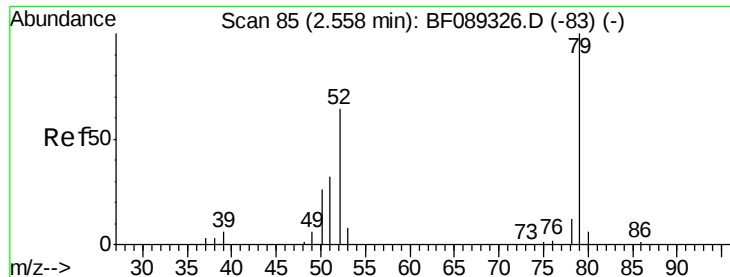
#2
 1,4-Dioxane
 Concen: 42.88 ng
 RT: 1.95 min Scan# 32
 Delta R.T. 0.00 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Tgt Ion: 88 Resp: 56673
 Ion Ratio Lower Upper
 88 100
 58 65.3 53.2 79.8
 43 29.0 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: 37.46 ng

RT: 2.55 min Scan# 84

Delta R.T. -0.02 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampled :

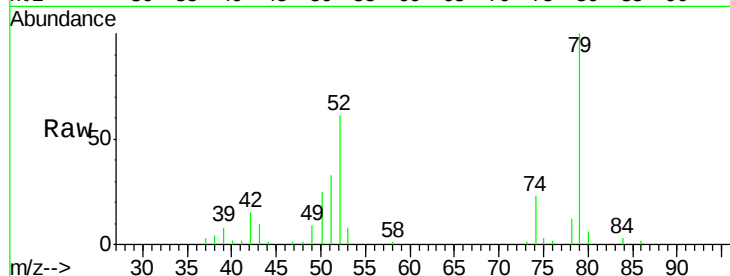
Tot Ion: 79 Resp: 107555

Ion Ratio Lower Upper

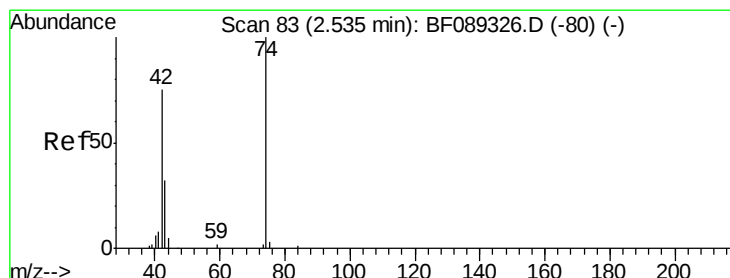
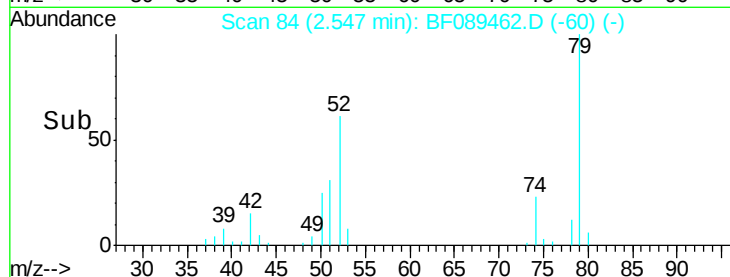
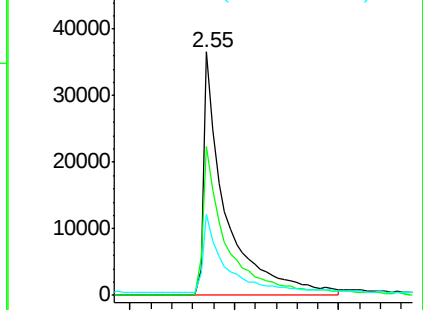
79 100

52 61.4 51.9 77.9

51 33.1 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: 51.15 ng

RT: 2.52 min Scan# 82

Delta R.T. -0.01 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

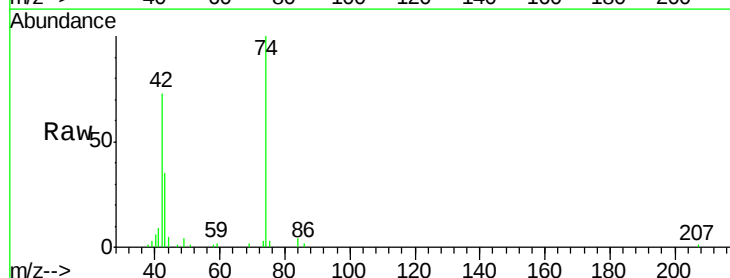
Tgt Ion: 42 Resp: 61170

Ion Ratio Lower Upper

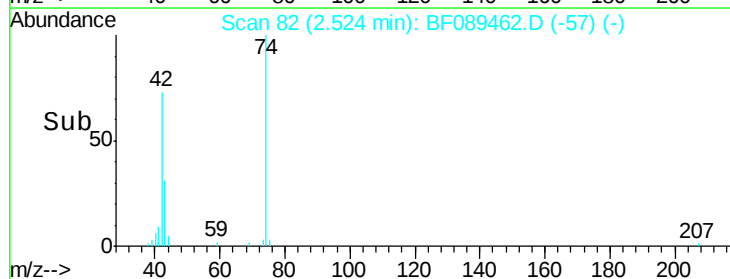
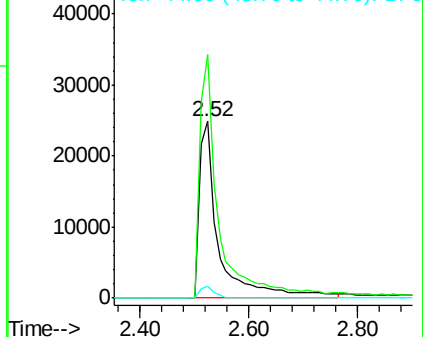
42 100

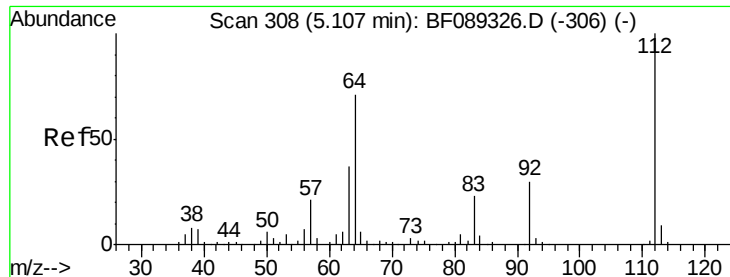
74 137.7 110.8 166.2

44 6.7 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: 152.49 ng

RT: 5.08 min Scan# 306

Delta R.T. -0.02 min

Lab File: BF089462.D

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Instrument :

BNA_F

ClientSampleId :

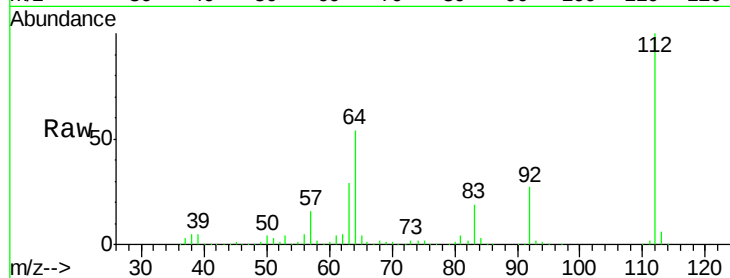
Tot Ion:112 Resp: 447448

Ion Ratio Lower Upper

112 100

64 54.2 55.0 82.6#

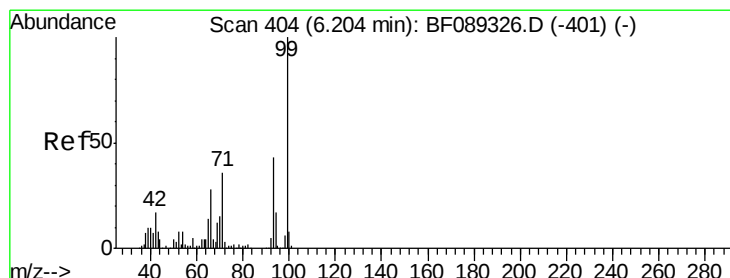
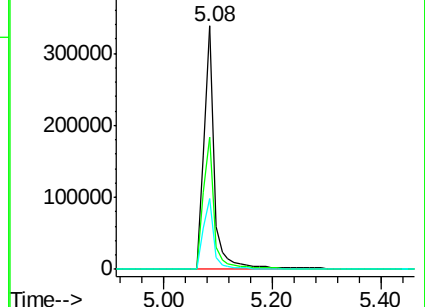
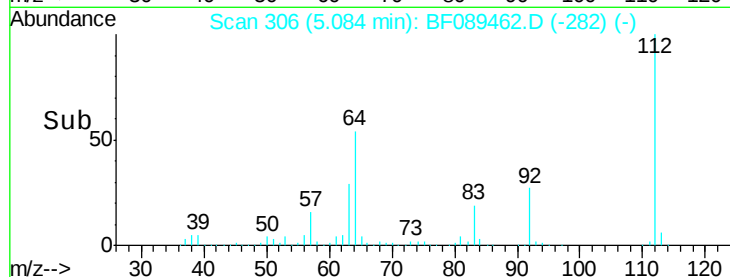
63 29.0 29.4 44.2#



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: 43.03 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

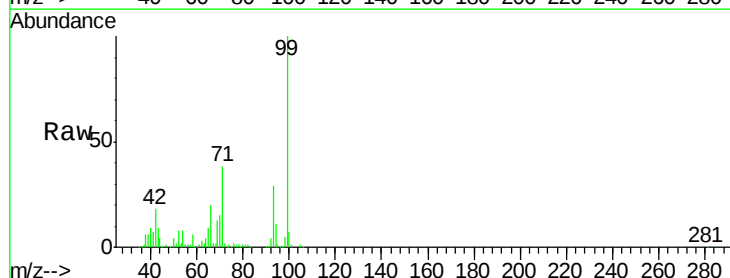
Tgt Ion: 93 Resp: 180184

Ion Ratio Lower Upper

93 100

66 69.6 51.6 77.4

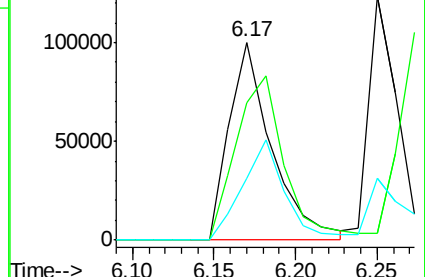
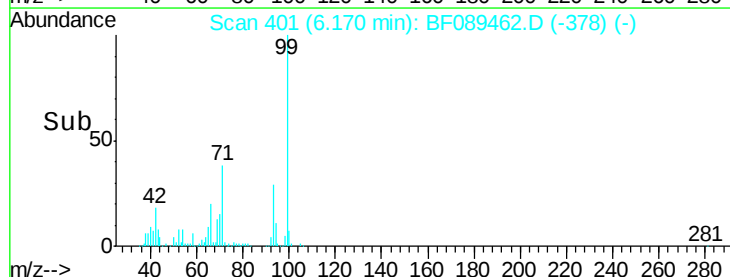
65 31.0 24.7 37.1

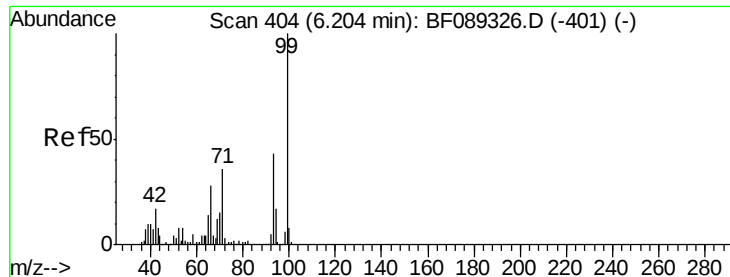


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.57 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089462.D

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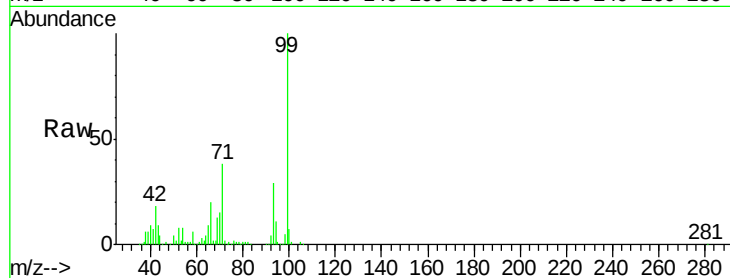
Tot Ion: 99 Resp: 529576

Ion Ratio Lower Upper

99 100

42 18.4 13.6 20.4

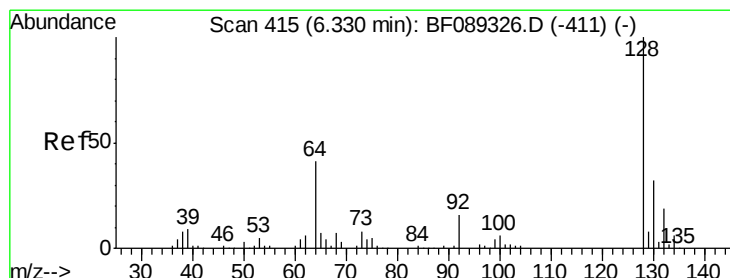
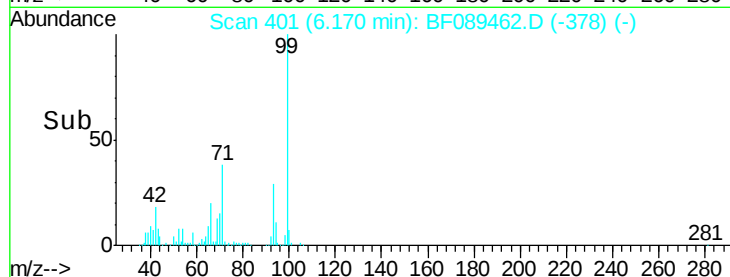
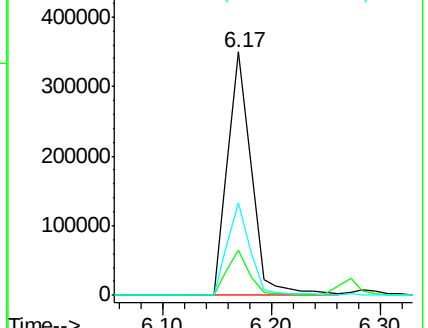
71 37.9 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.11 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

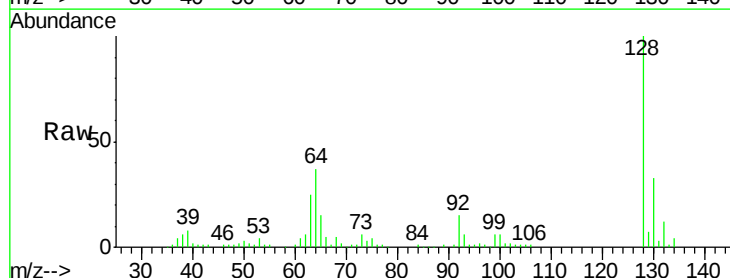
Tgt Ion: 128 Resp: 169648

Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

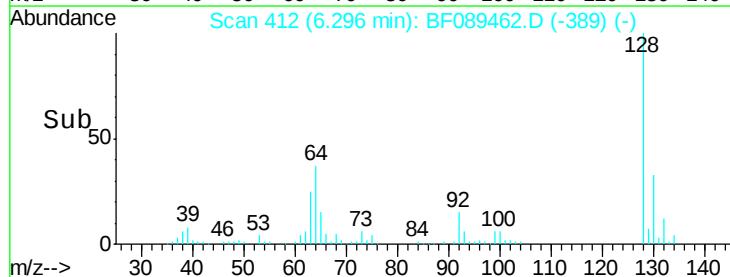
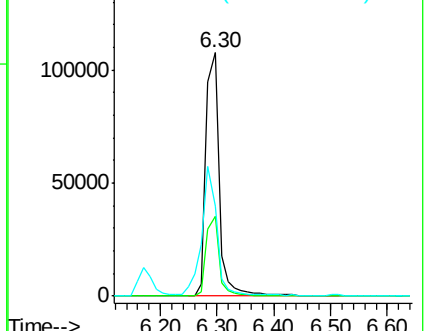
64 37.1 22.1 62.1

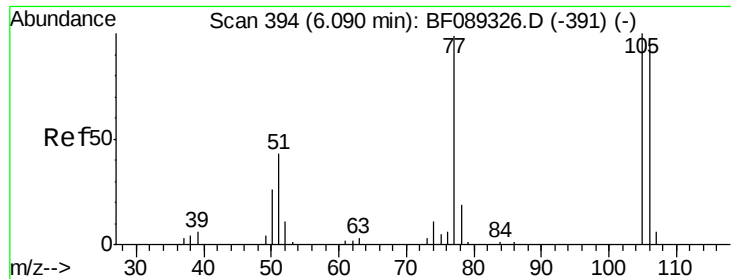


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 46.45 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.05 min

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ClientSampled :

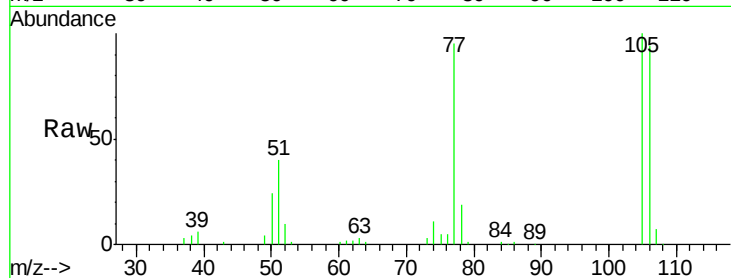
Tot Ion: 77 Resp: 87948

Ion Ratio Lower Upper

77 100

105 104.8 82.9 122.9

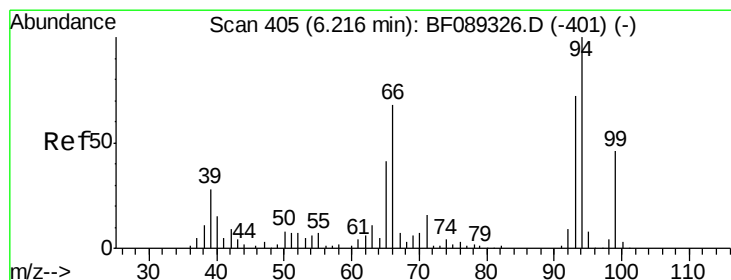
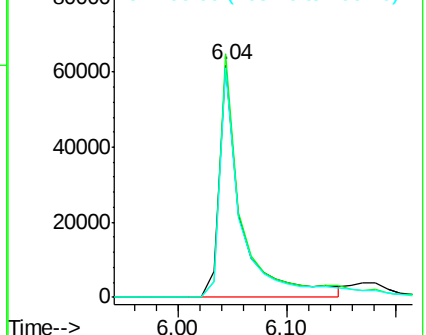
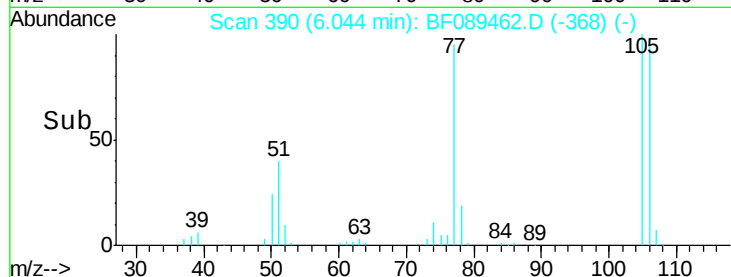
106 98.7 75.9 115.9



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: 50.25 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

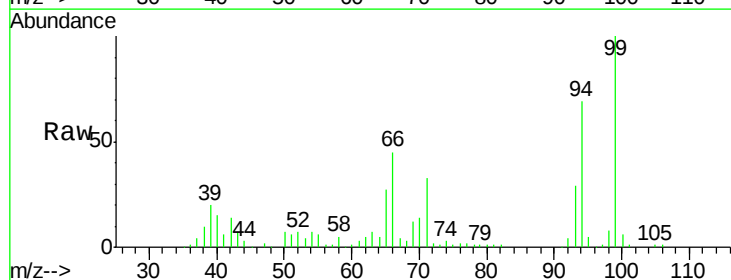
Tgt Ion: 94 Resp: 215011

Ion Ratio Lower Upper

94 100

65 39.4 19.1 59.1

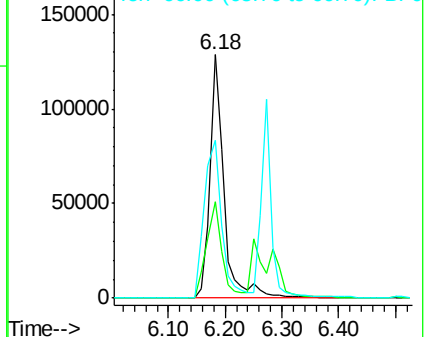
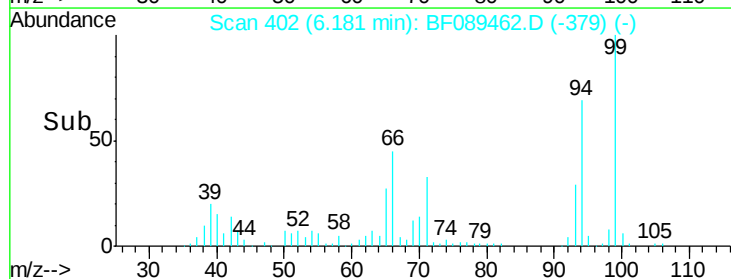
66 64.7 44.4 84.4

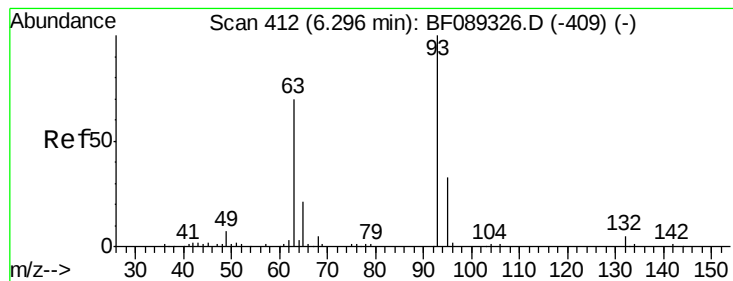


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

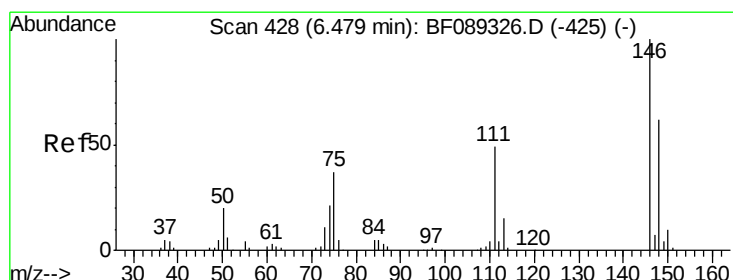
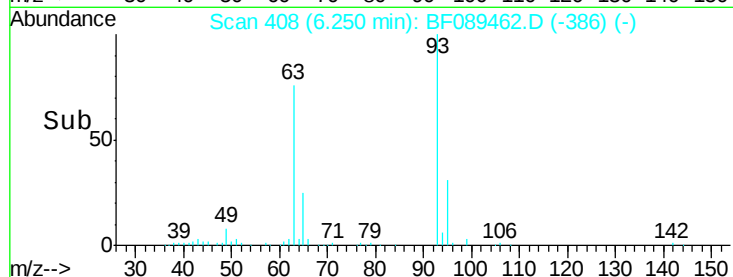
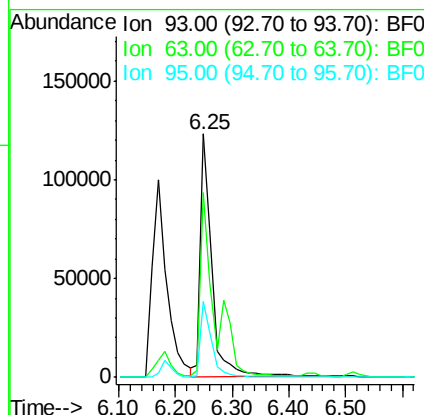
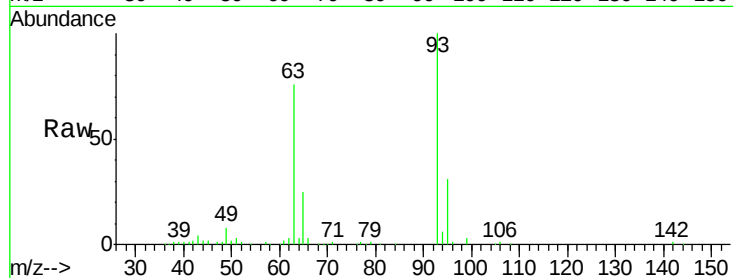




#11
bis(2-Chloroethyl)ether
Concen: 46.86 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

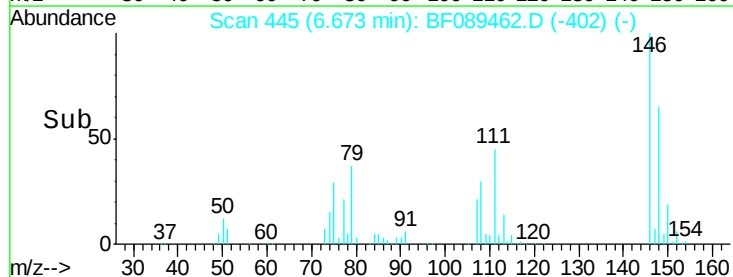
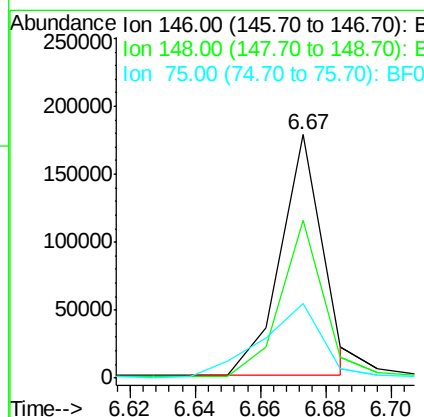
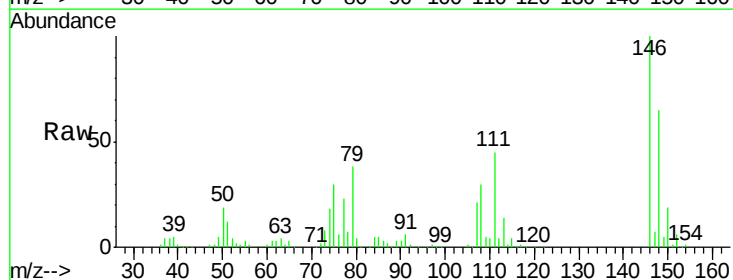
Instrument :
BNA_F
ClientSampleId :

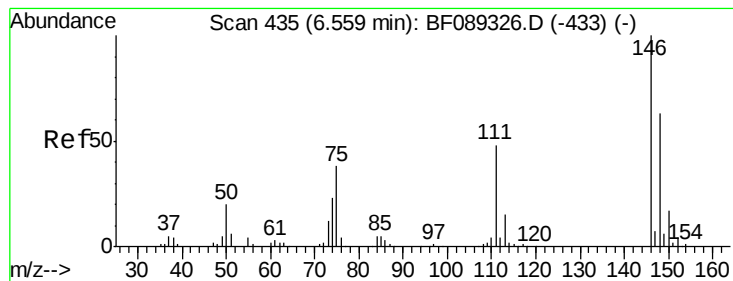
Tot Ion: 93 Resp: 170356
Ion Ratio Lower Upper
93 100
63 75.7 45.6 85.6
95 30.9 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 46.02 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.19 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion: 146 Resp: 159784
Ion Ratio Lower Upper
146 100
148 64.6 50.5 75.7
75 30.4 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 45.46 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampled :

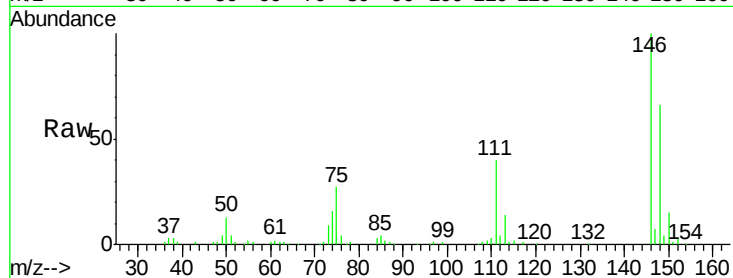
Tot Ion:146 Resp: 174163

Ion Ratio Lower Upper

146 100

148 65.7 50.8 76.2

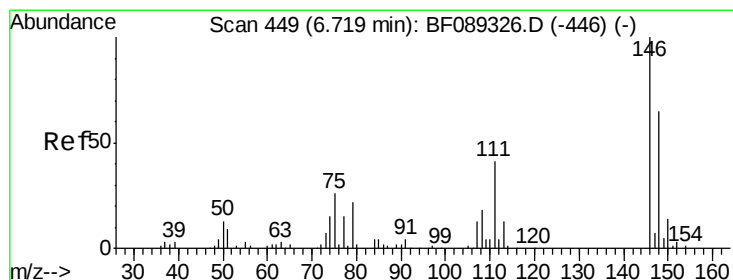
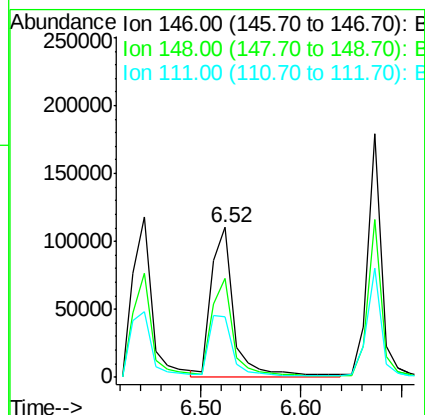
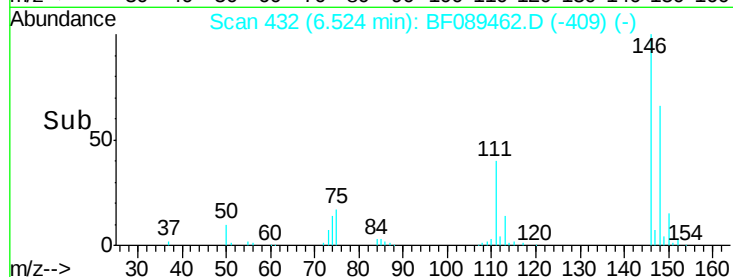
111 40.5 38.6 57.8



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: 49.02 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.05 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

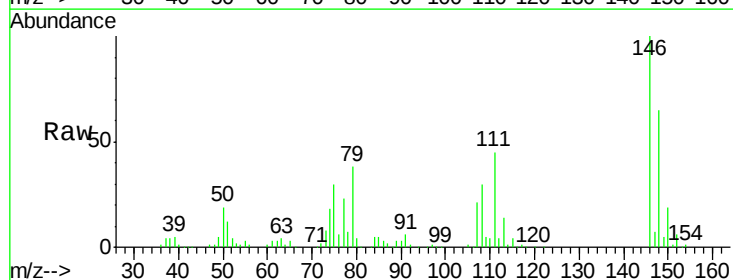
Tgt Ion:146 Resp: 175958

Ion Ratio Lower Upper

146 100

148 64.6 50.4 75.6

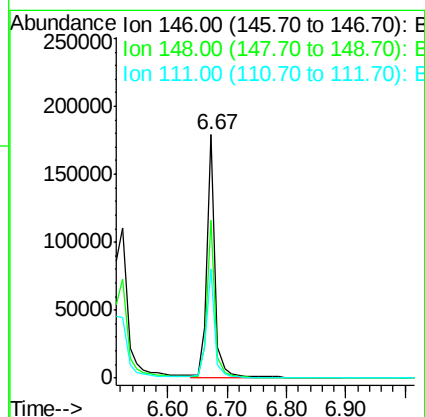
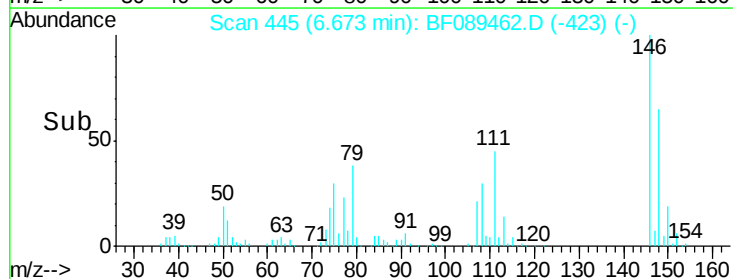
111 44.8 33.0 49.4

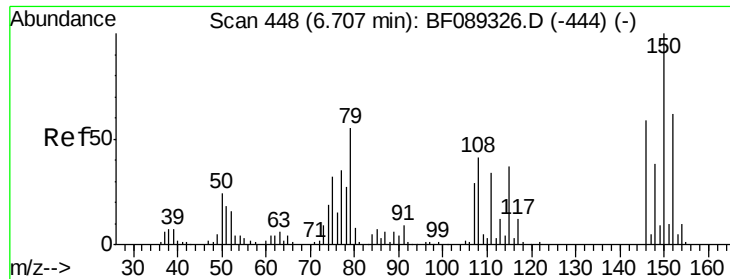


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

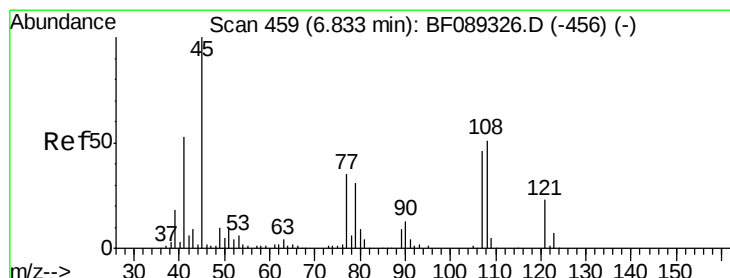
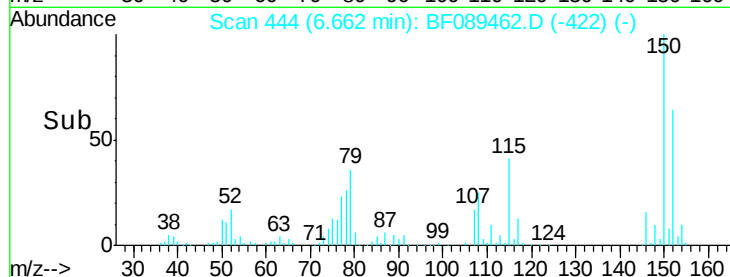
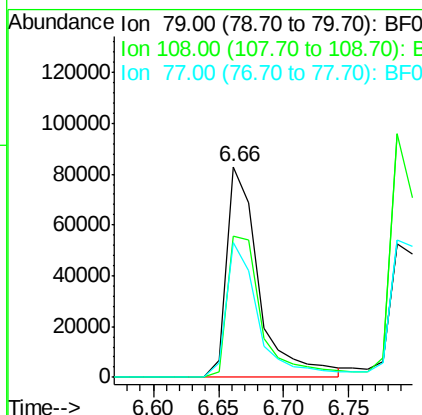
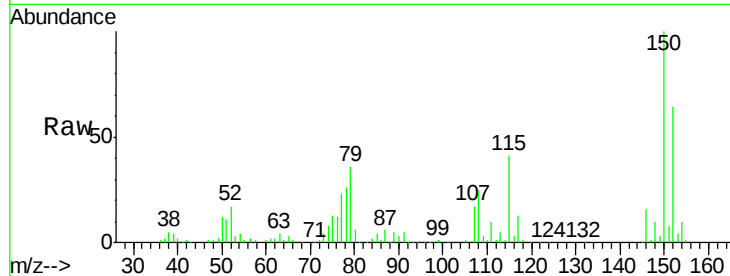




#15
Benzyl Alcohol
Concen: 59.38 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

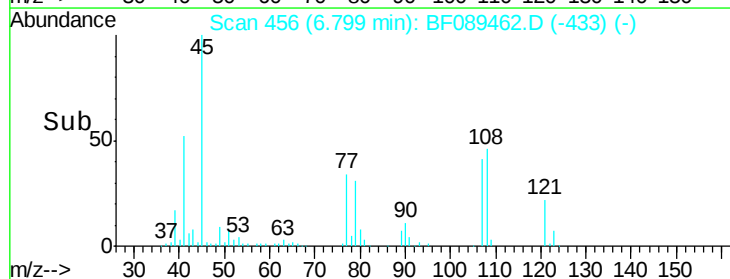
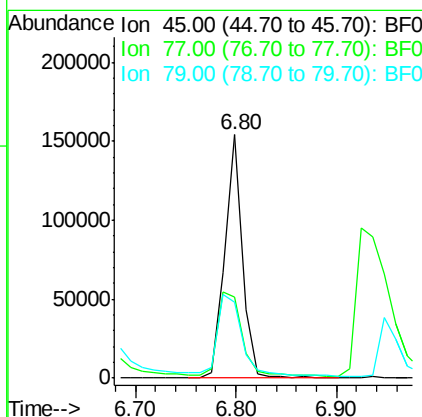
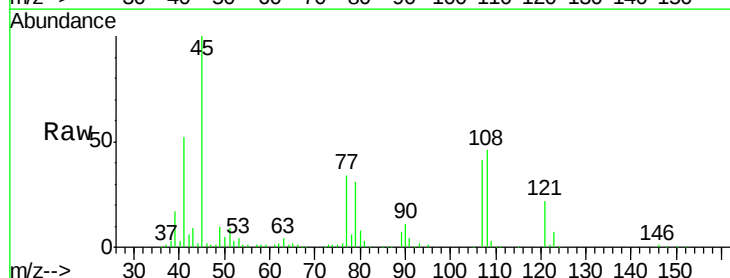
Instrument :
BNA_F
ClientSampleId :

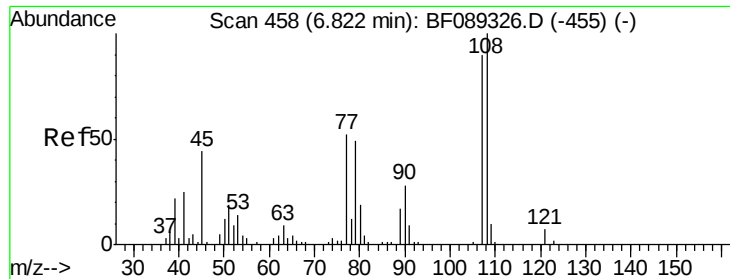
Tot Ion: 79 Resp: 142910
Ion Ratio Lower Upper
79 100
108 67.3 59.8 89.6
77 63.8 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.52 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion: 45 Resp: 188438
Ion Ratio Lower Upper
45 100
77 33.5 17.3 57.3
79 31.4 13.9 53.9

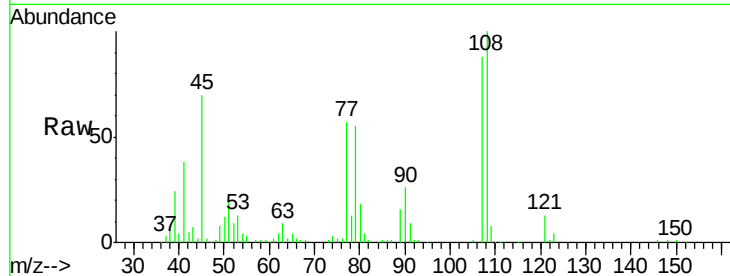




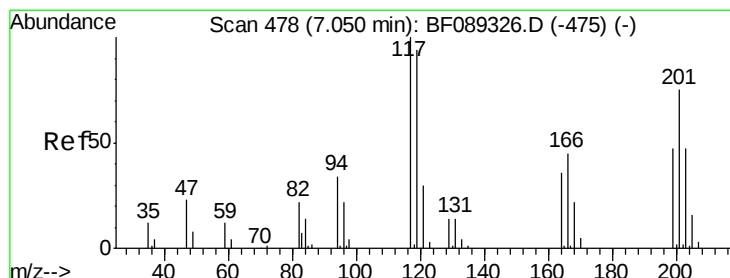
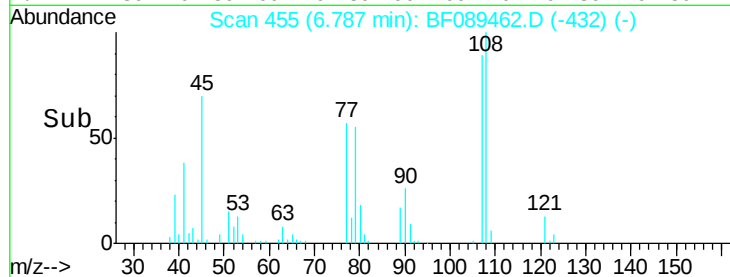
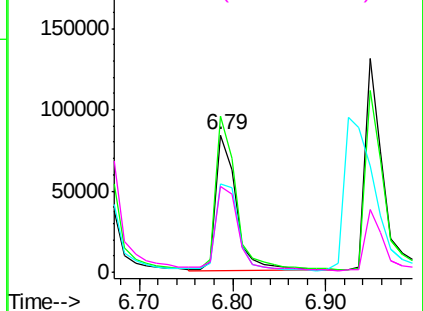
#17
2-Methylphenol
Concen: 48.93 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 125514
Ion Ratio Lower Upper
107 100
108 113.3 91.4 137.0
77 64.1 48.6 73.0
79 62.1 48.2 72.4

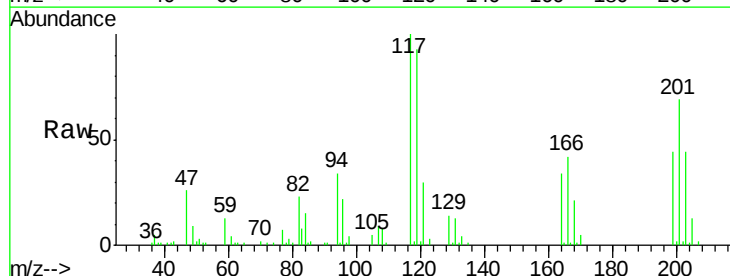


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

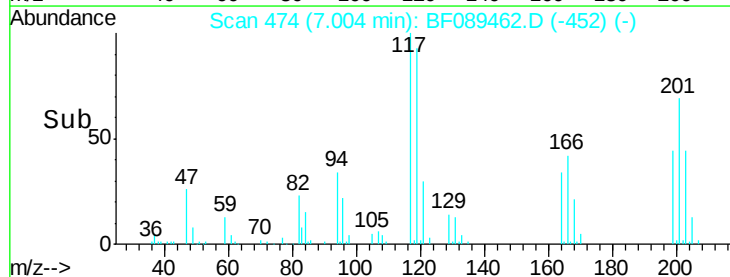
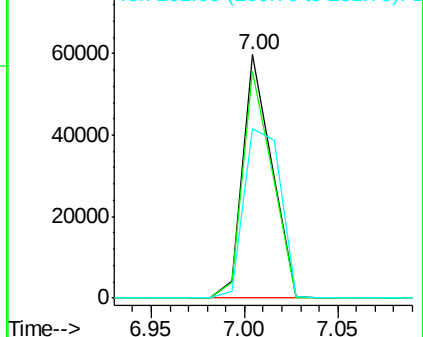


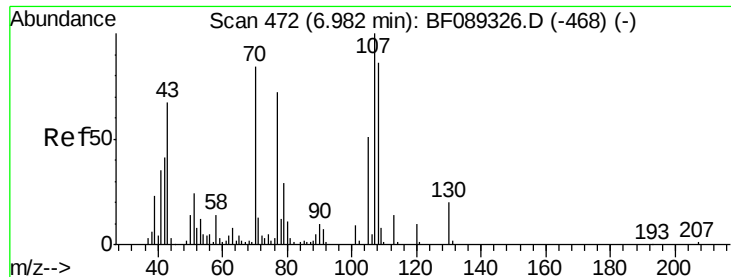
#18
Hexachloroethane
Concen: 43.73 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion:117 Resp: 64245
Ion Ratio Lower Upper
117 100
119 93.2 76.0 114.0
201 69.3 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

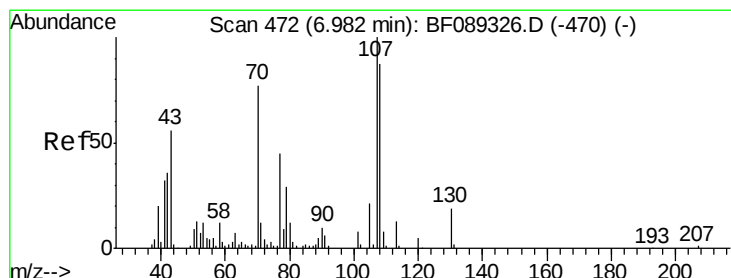
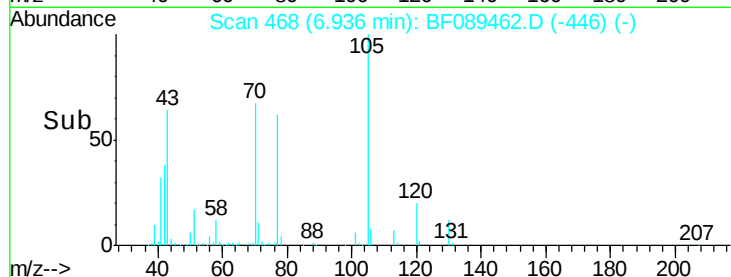
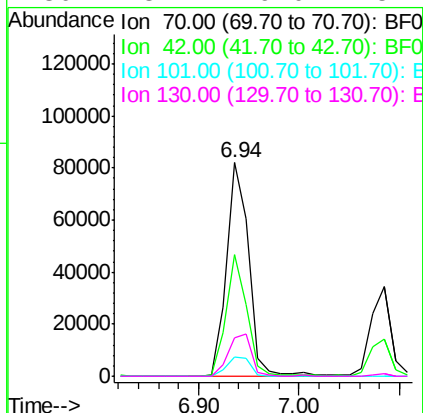
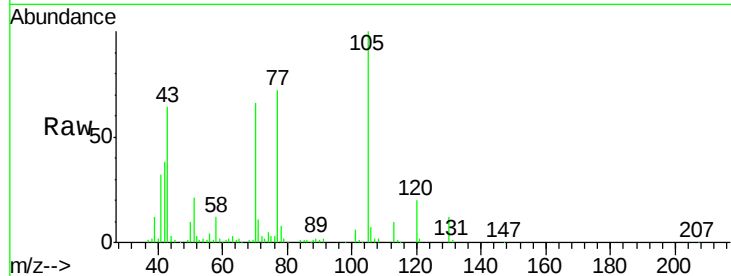




#19
n-Nitroso-di-n-propylamine
Concen: 53.66 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

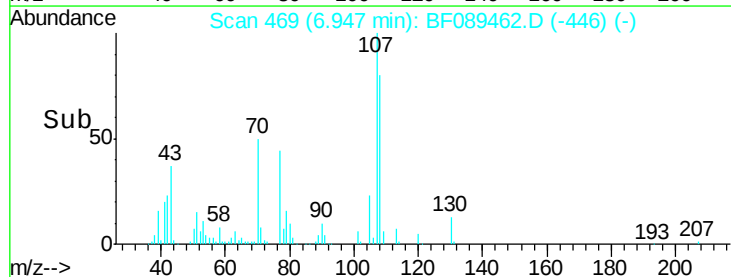
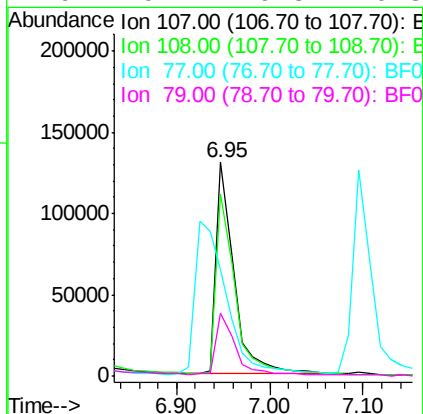
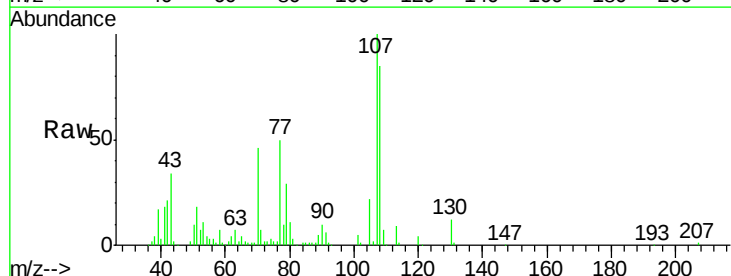
Instrument :
BNA_F
ClientSampleId :

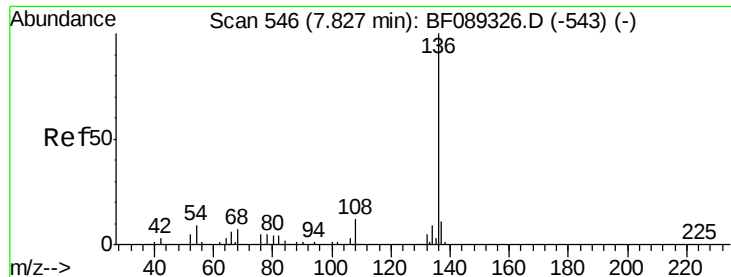
Tot Ion: 70 Resp: 125472
Ion Ratio Lower Upper
70 100
42 57.1 38.6 57.8
101 9.0 8.3 12.5
130 18.1 19.0 28.4#



#20
3+4-Methylphenols
Concen: 52.75 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion:107 Resp: 173778
Ion Ratio Lower Upper
107 100
108 84.8 63.3 103.3
77 50.0 51.1 91.1#
79 29.4 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.03 min

Lab File: BF089462.D

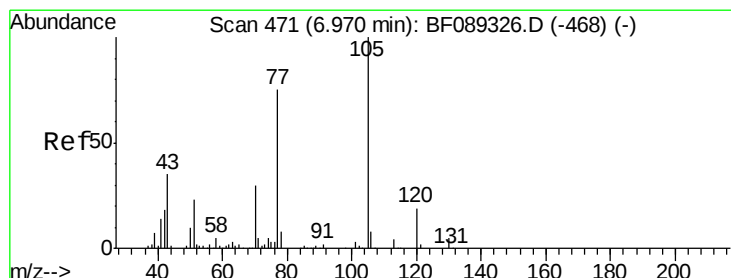
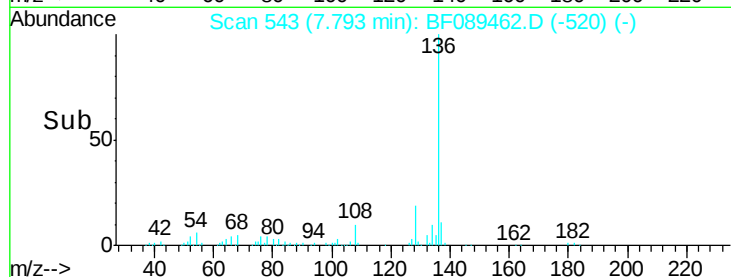
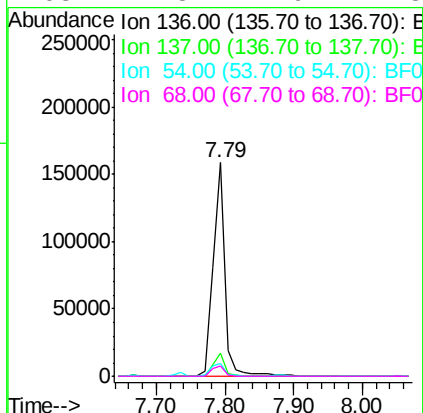
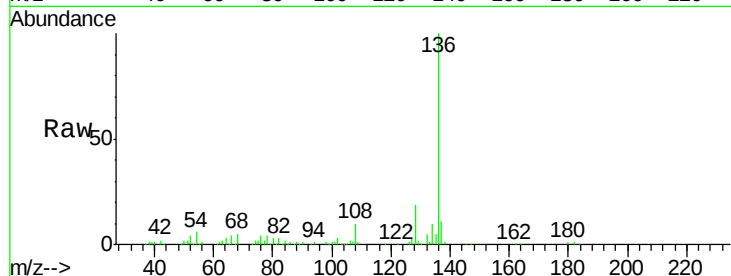
Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	191016
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 13.0
54	6.0	7.0 10.4#
68	4.8	4.9 7.3#



#22

Acetophenone

Concen: 49.47 ng

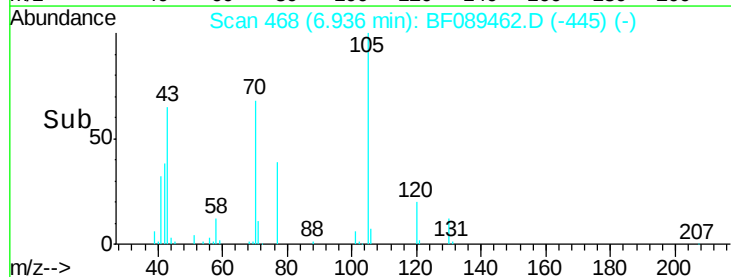
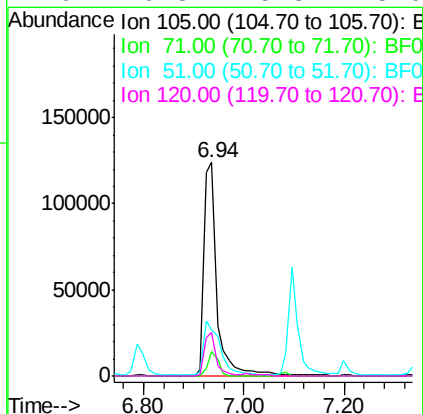
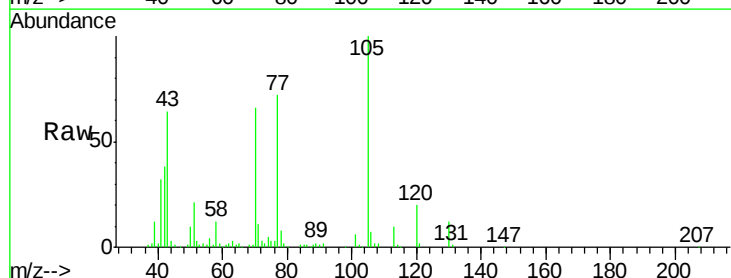
RT: 6.94 min Scan# 468

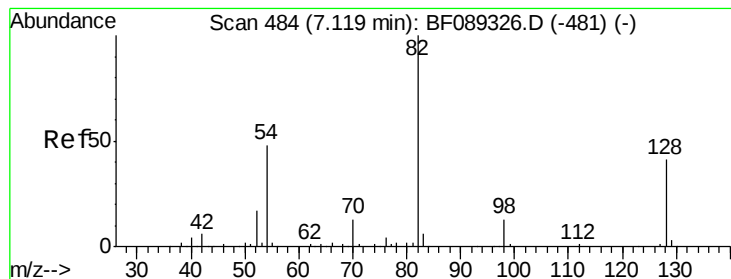
Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Tgt Ion:105	Resp:	224962
Ion Ratio	Lower	Upper
105	100	
71	11.2	4.2 6.2#
51	21.5	18.7 28.1
120	20.3	15.8 23.6





#23

Nitrobenzene-d5

Concen: 111.47 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

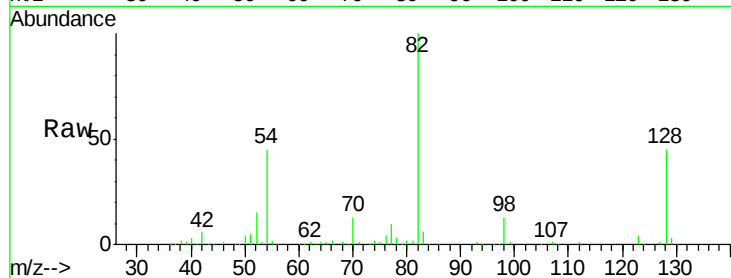
Tot Ion: 82 Resp: 360718

Ion Ratio Lower Upper

82 100

128 44.6 32.5 48.7

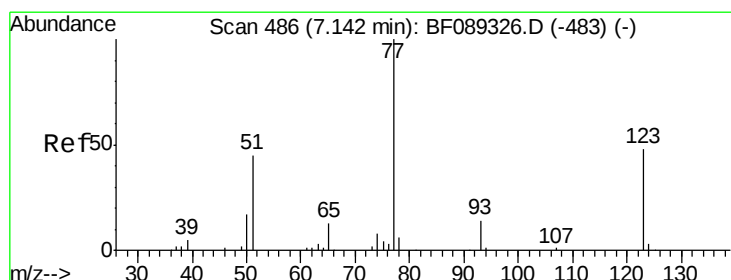
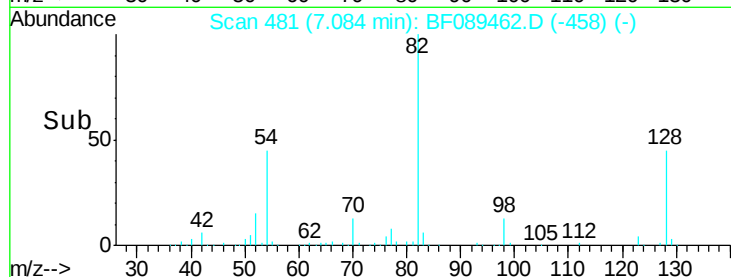
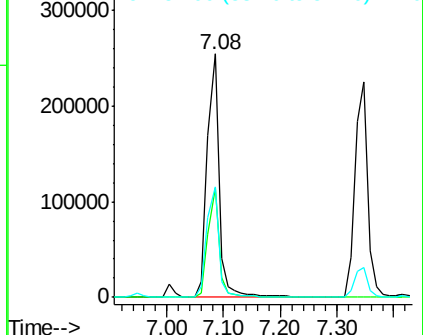
54 45.3 38.8 58.2



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: 47.02 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.05 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

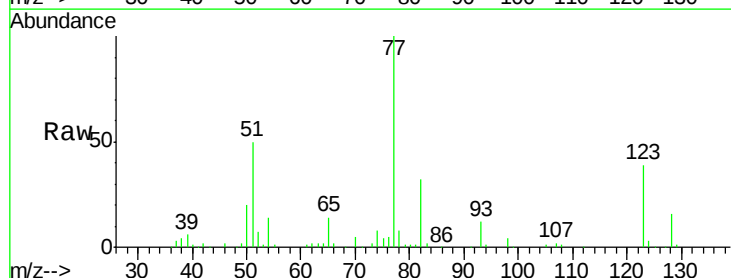
Tgt Ion: 77 Resp: 173201

Ion Ratio Lower Upper

77 100

123 39.3 37.2 55.8

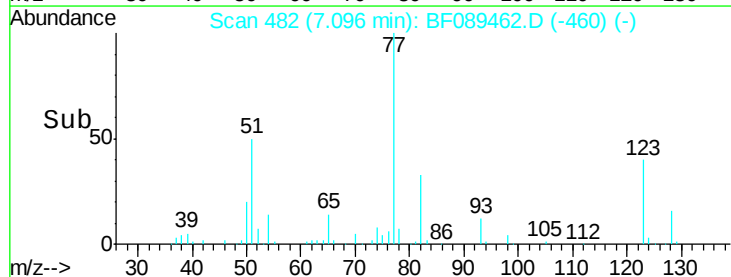
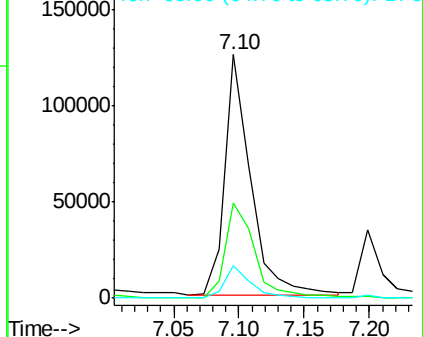
65 13.5 10.2 15.4

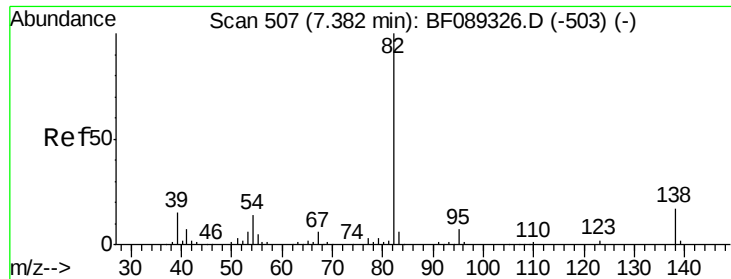


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 54.34 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

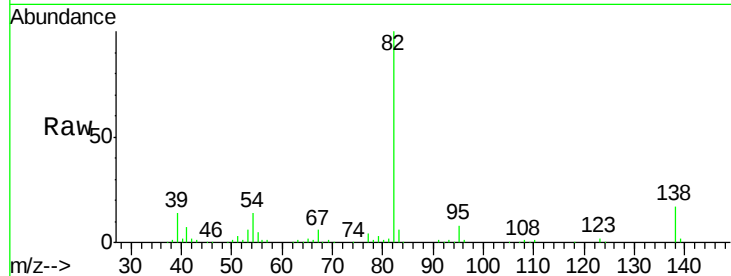
Tot Ion: 82 Resp: 354227

Ion Ratio Lower Upper

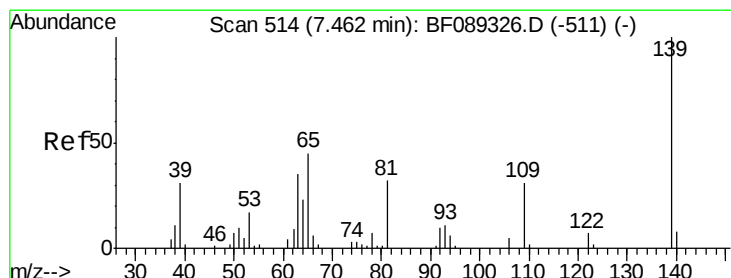
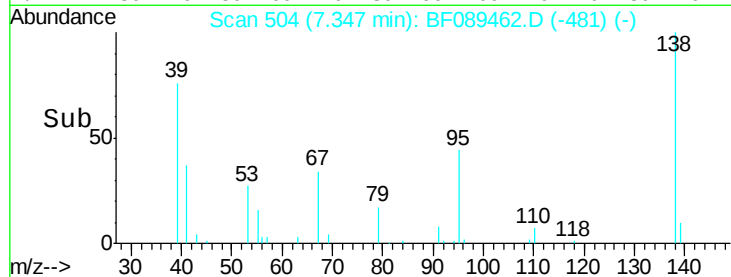
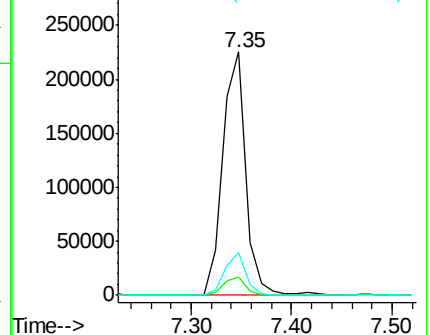
82 100

95 7.7 6.0 9.0

138 17.3 13.3 19.9



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



#26

2-Nitrophenol

Concen: 56.28 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

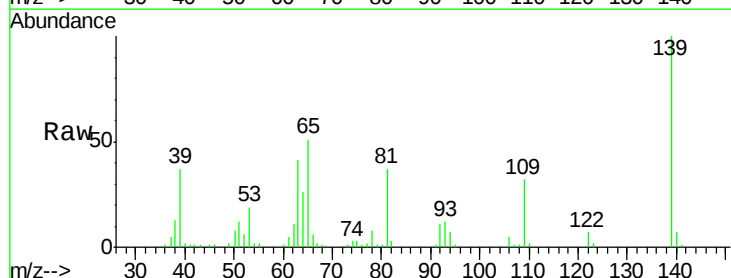
Tgt Ion: 139 Resp: 92676

Ion Ratio Lower Upper

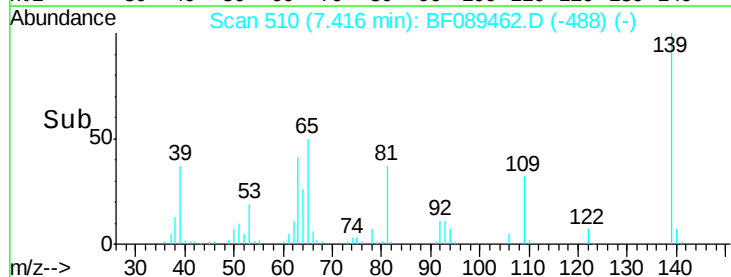
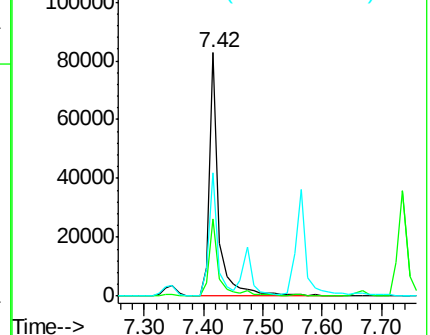
139 100

109 31.7 25.8 38.8

65 50.7 35.2 52.8



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

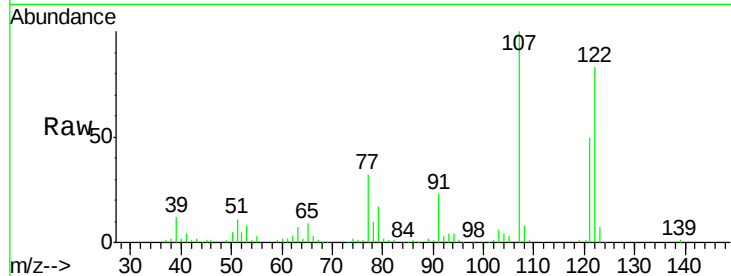




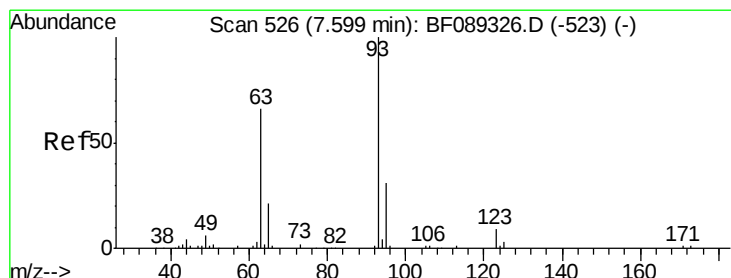
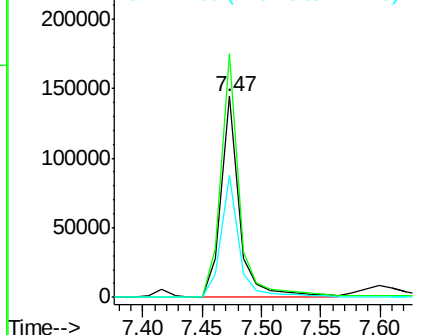
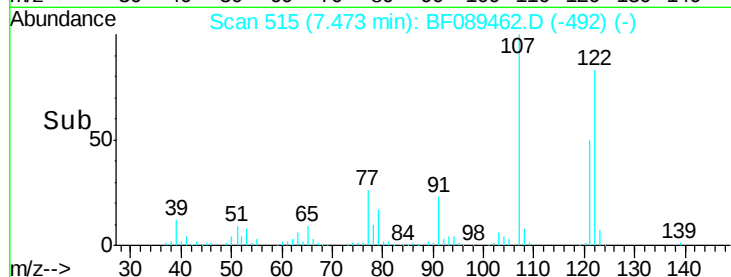
#27
 2,4-Dimethylphenol
 Concen: 58.58 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 153675
 Ion Ratio Lower Upper
 122 100
 107 120.9 97.2 145.8
 121 60.3 48.8 73.2

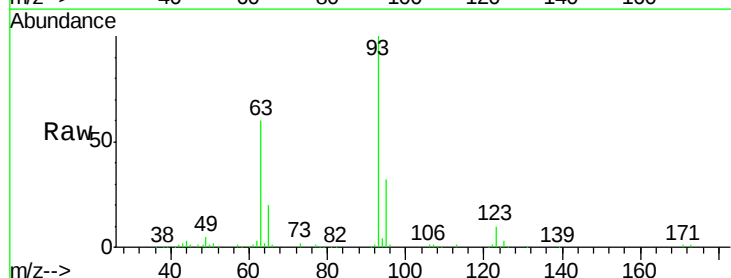


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

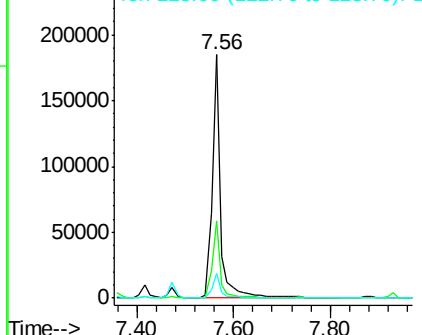
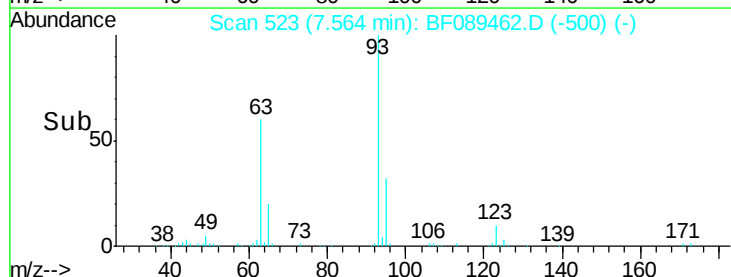


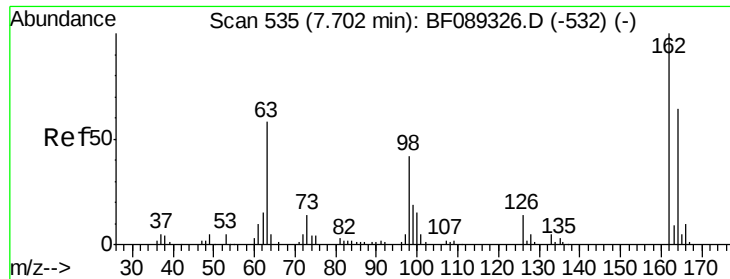
#28
 bis(2-Chloroethoxy)methane
 Concen: 61.71 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.03 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Tgt Ion: 93 Resp: 222672
 Ion Ratio Lower Upper
 93 100
 95 31.8 24.7 37.1
 123 10.2 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

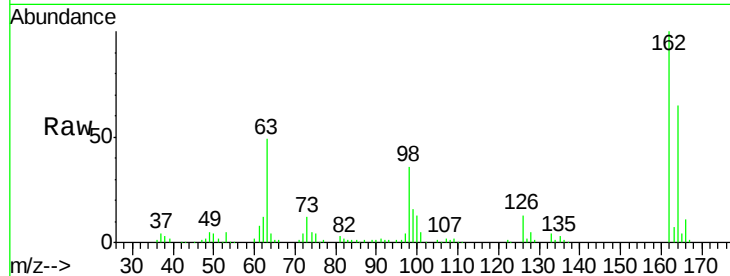




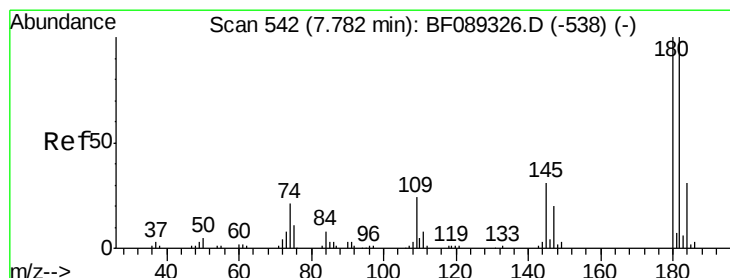
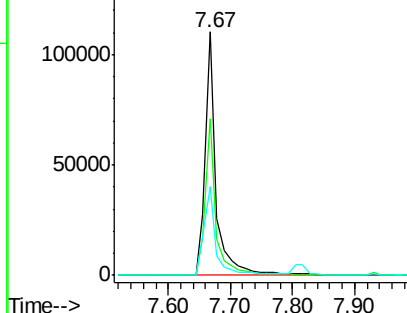
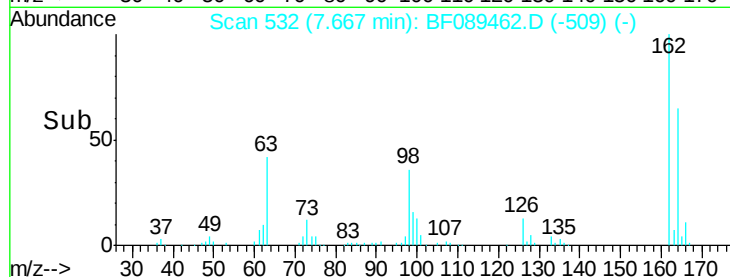
#29
2,4-Dichlorophenol
Concen: 56.92 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 136074
Ion Ratio Lower Upper
162 100
164 64.5 44.0 84.0
98 36.3 21.8 61.8

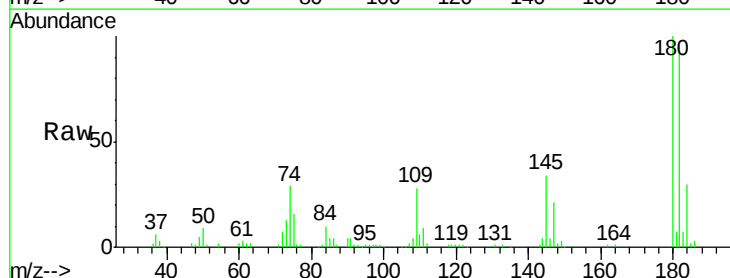


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

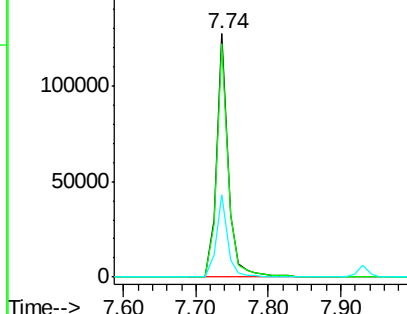
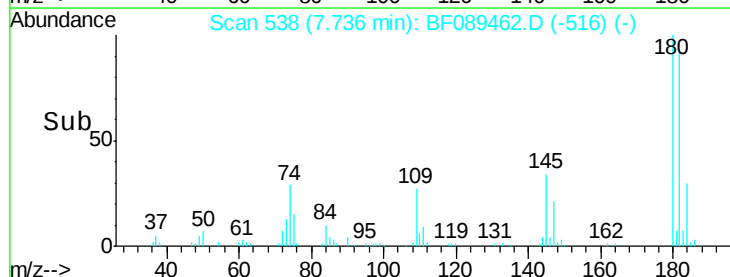


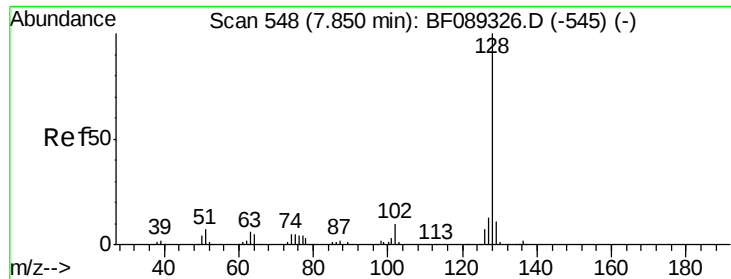
#30
1,2,4-Trichlorobenzene
Concen: 52.51 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion:180 Resp: 143205
Ion Ratio Lower Upper
180 100
182 96.1 78.2 117.2
145 33.6 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

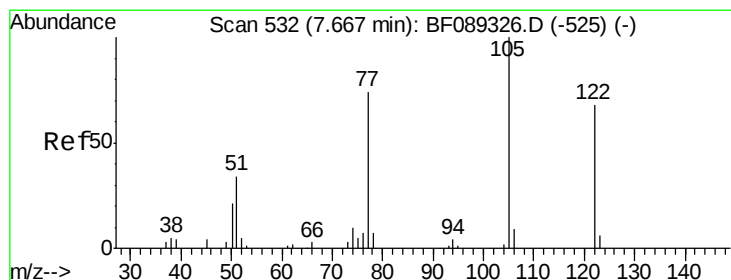
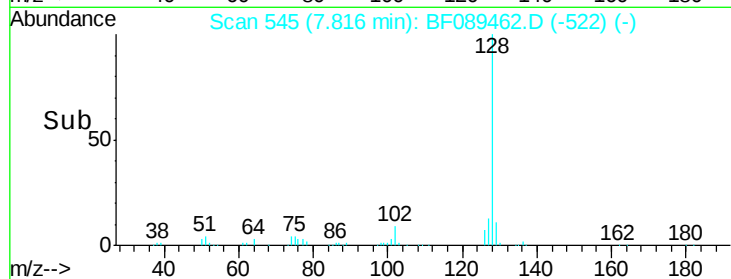
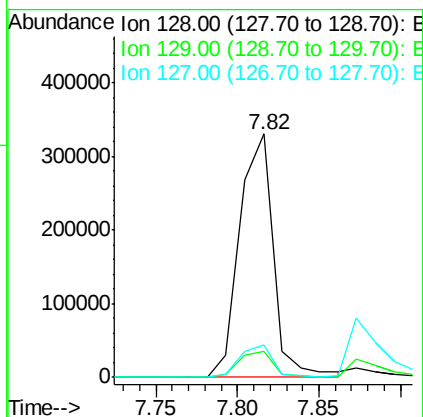
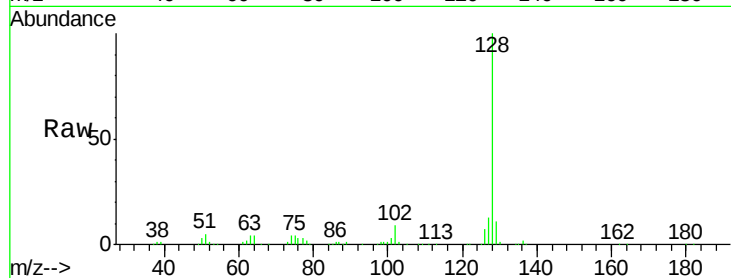




#31
Naphthalene
Concen: 50.23 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

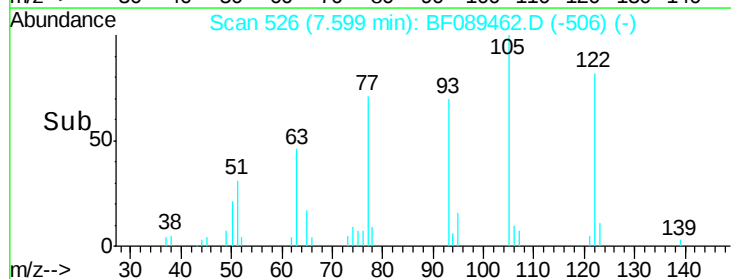
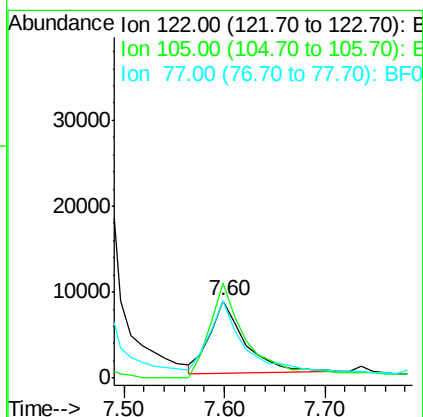
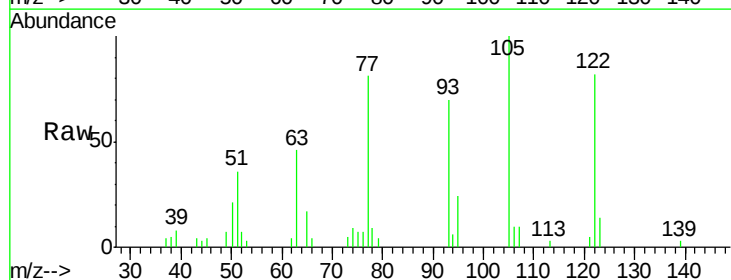
Instrument :
BNA_F
ClientSampleId :

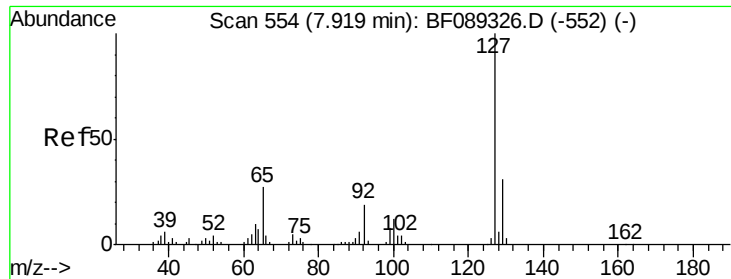
Tot Ion:128 Resp: 475168
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 11.35 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.07 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion:122 Resp: 20739
Ion Ratio Lower Upper
122 100
105 122.5 106.4 146.4
77 99.7 76.4 116.4

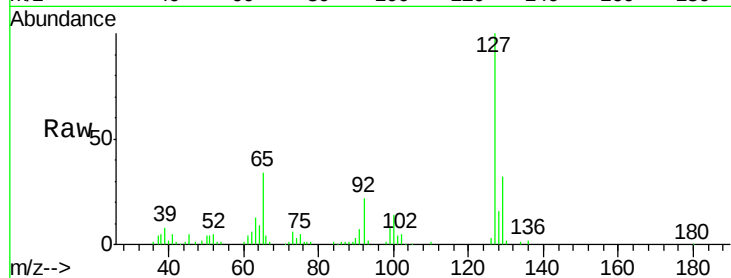




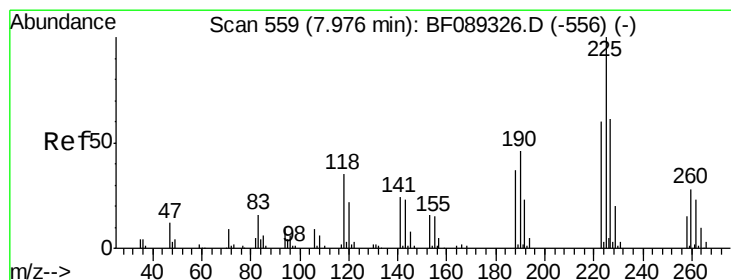
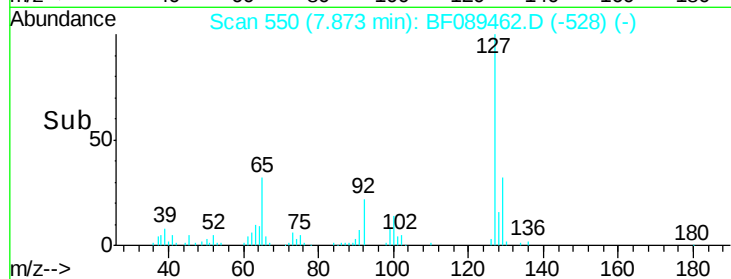
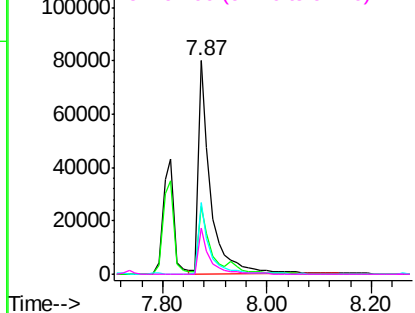
#33
4-Chloroaniline
Concen: 36.57 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	131702
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	33.5	22.0	33.0#
92	21.8	15.2	22.8

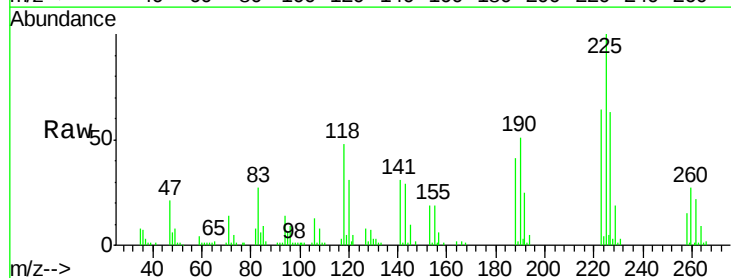


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

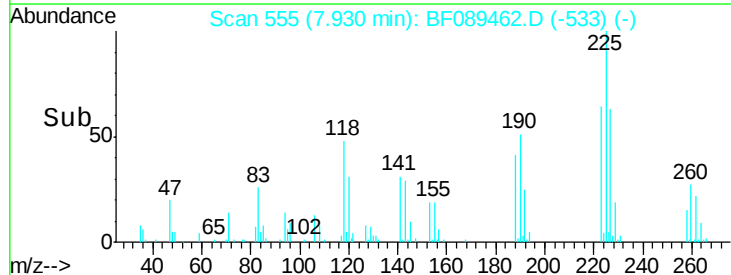
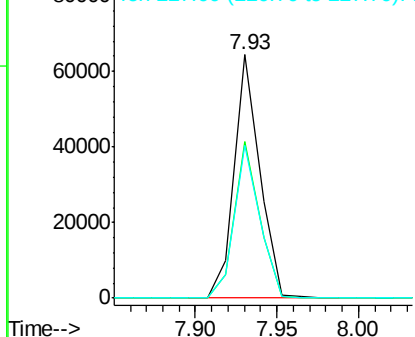


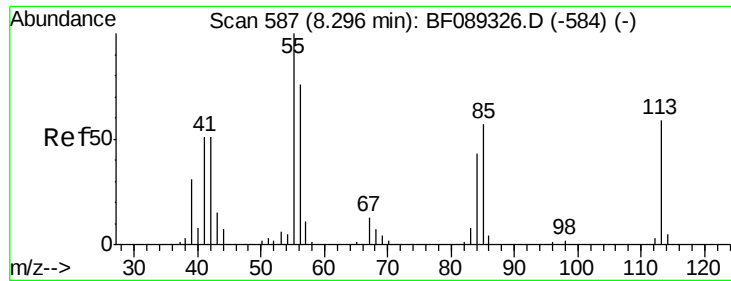
#34
Hexachlorobutadiene
Concen: 44.30 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion:	225	Resp:	69197
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.8	74.8
227	62.6	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: 29.81 ng

RT: 8.26 min Scan# 584

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

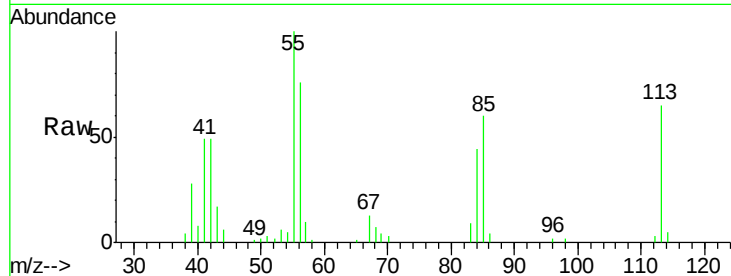
Tot Ion:113 Resp: 21506

Ion Ratio Lower Upper

113 100

55 153.8 142.3 182.3

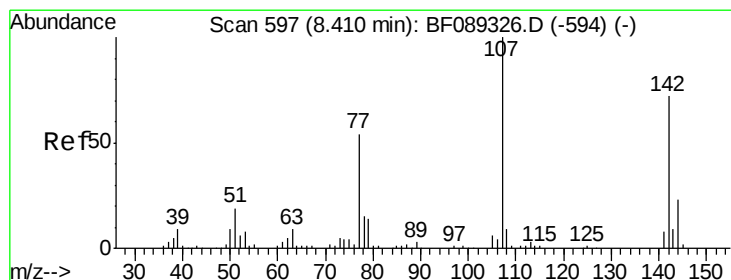
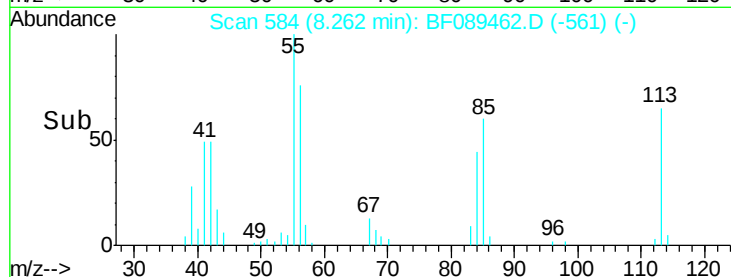
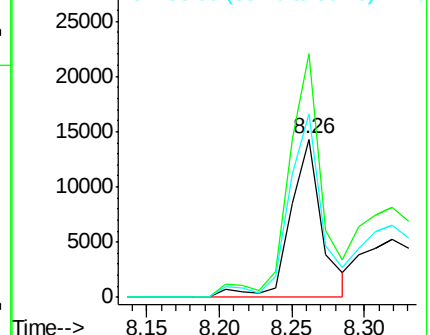
56 116.2 105.8 145.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 56.15 ng

RT: 8.38 min Scan# 594

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

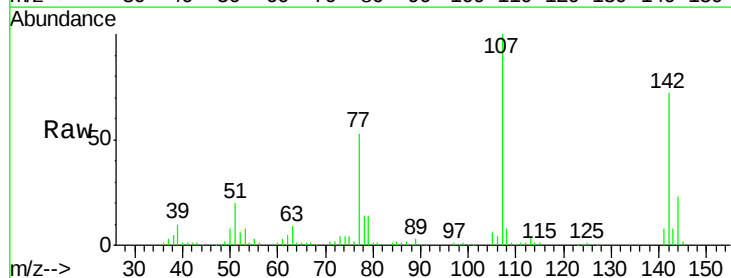
Tgt Ion:107 Resp: 159510

Ion Ratio Lower Upper

107 100

144 23.0 18.4 27.6

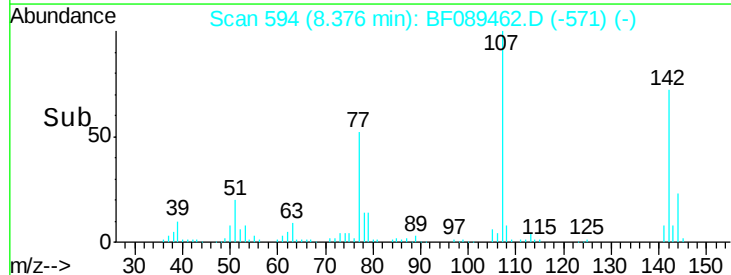
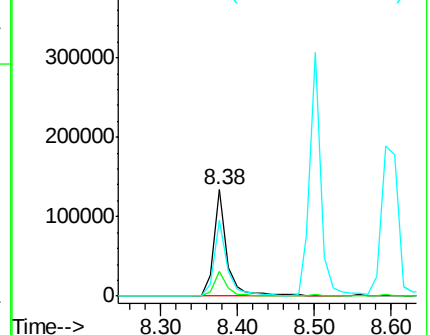
142 71.7 58.6 87.8

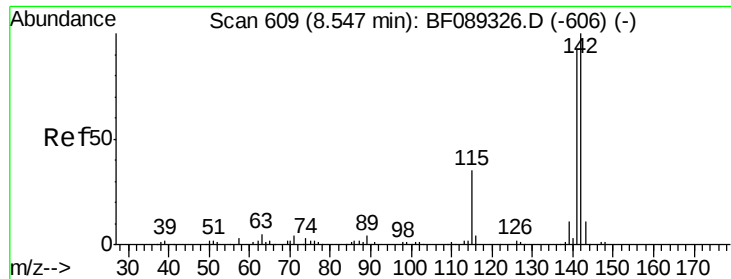


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

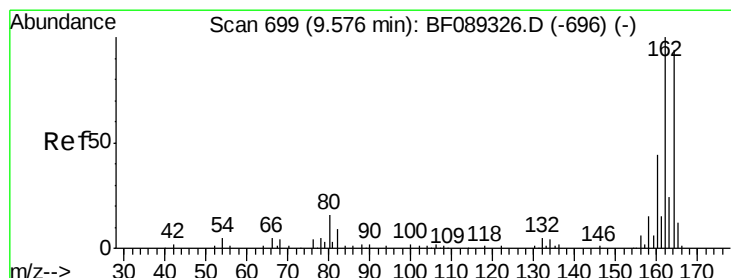
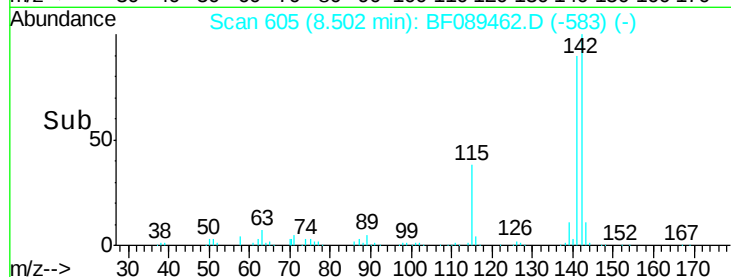
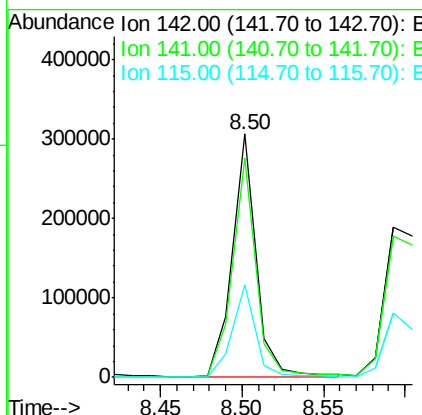
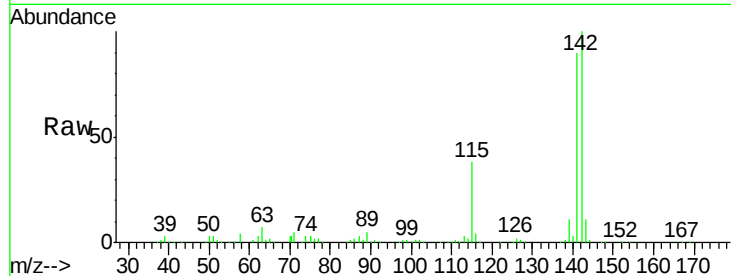




#37
2-Methylnaphthalene
Concen: 54.86 ng
RT: 8.50 min Scan# 605
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

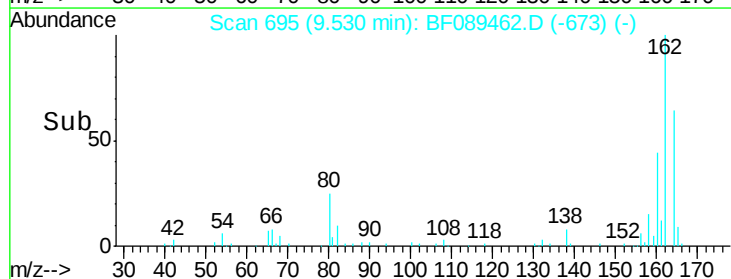
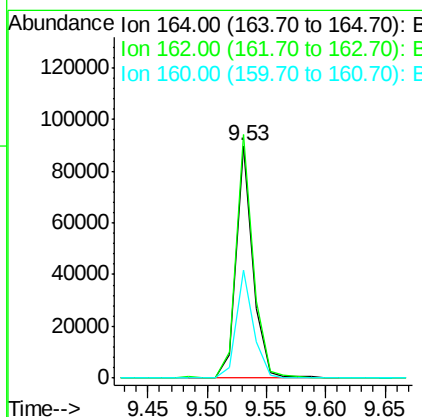
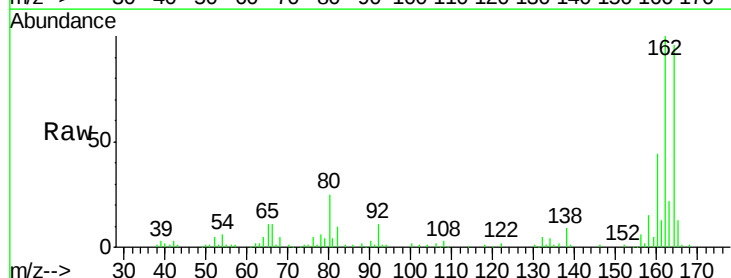
Instrument :
BNA_F
ClientSampleId :

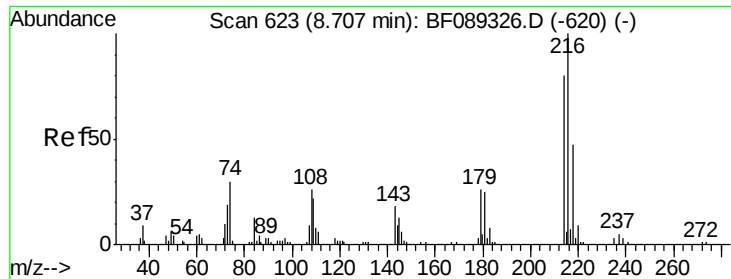
Tot Ion:142 Resp: 312693
Ion Ratio Lower Upper
142 100
141 89.9 70.9 106.3
115 37.9 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion:164 Resp: 88926
Ion Ratio Lower Upper
164 100
162 104.7 83.7 125.5
160 46.4 37.8 56.6

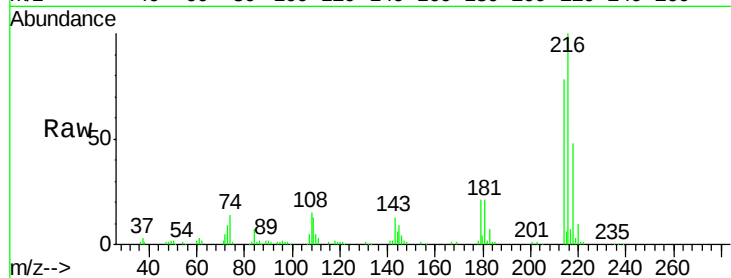




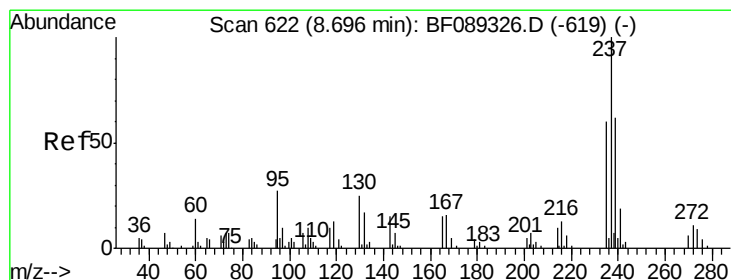
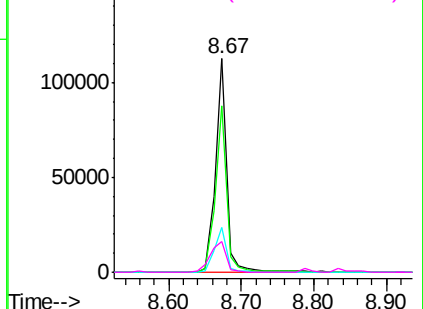
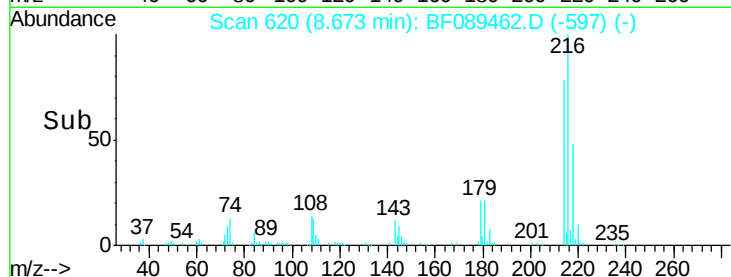
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.72 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	120484
Ion Ratio	Lower	Upper
216	100	
214	78.4	63.3 94.9
179	22.5	18.1 27.1
108	21.0	17.2 25.8

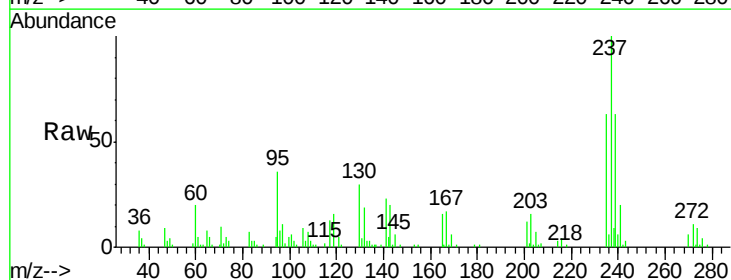


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

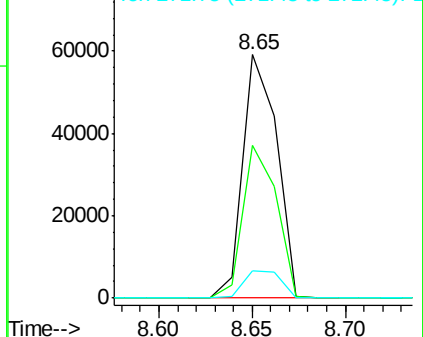
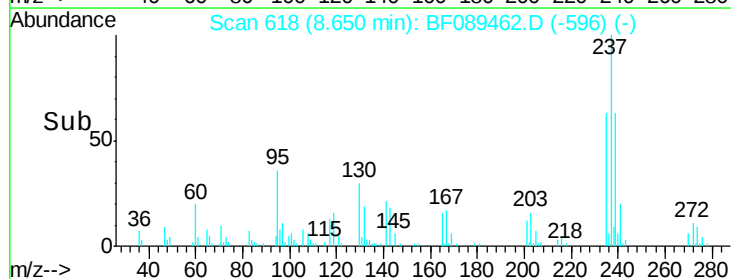


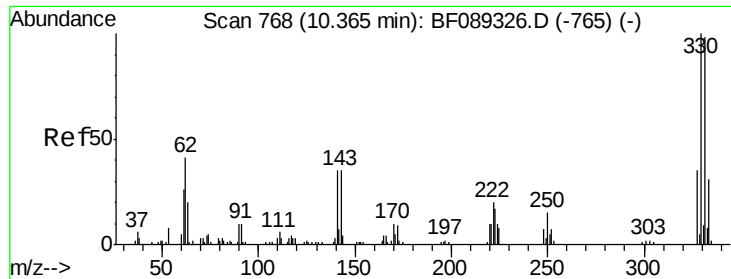
#40
 Hexachlorocyclopentadiene
 Concen: 83.77 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.05 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Tgt Ion:237	Resp:	74730
Ion Ratio	Lower	Upper
237	100	
235	62.9	41.6 81.6
272	11.2	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

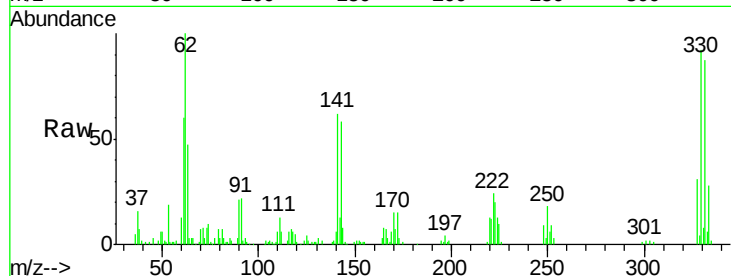




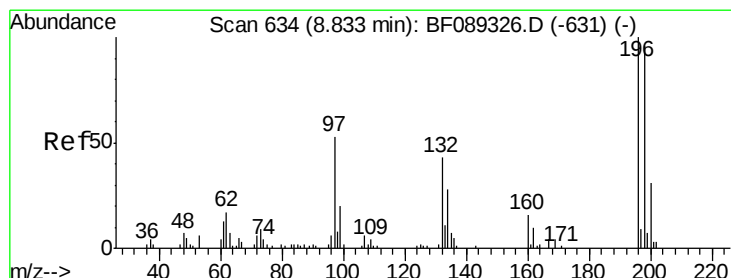
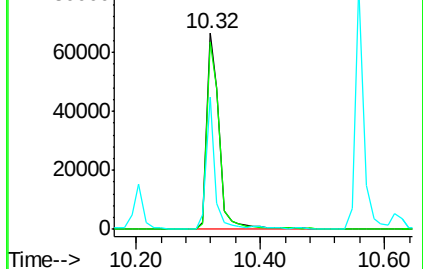
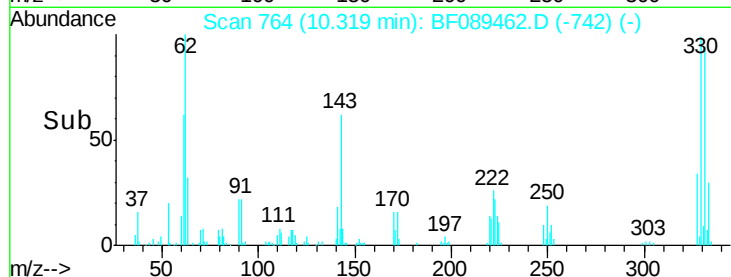
#41
 2,4,6-Tribromophenol
 Concen: 125.17 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 92191
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.8 115.2
 141 50.1 37.3 55.9

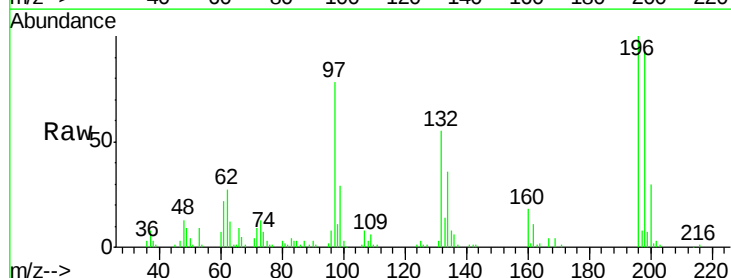


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

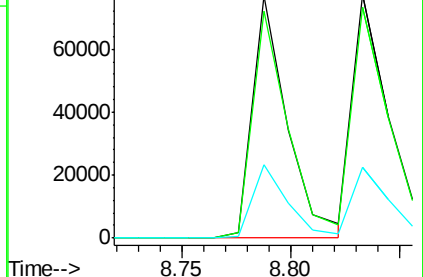
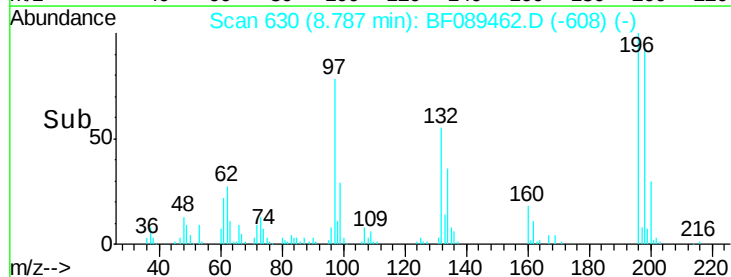


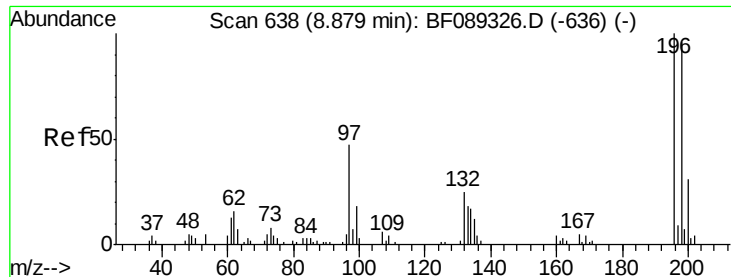
#42
 2,4,6-Trichlorophenol
 Concen: 58.36 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Tgt Ion:196 Resp: 86340
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.5 113.3
 200 30.0 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

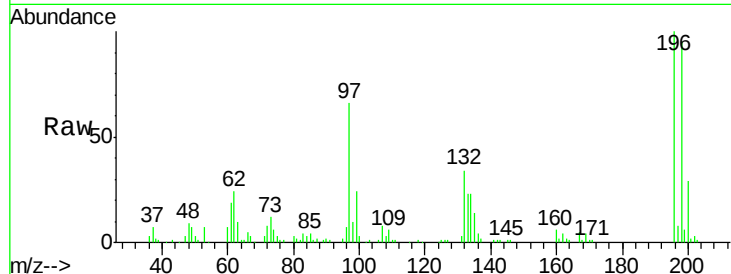




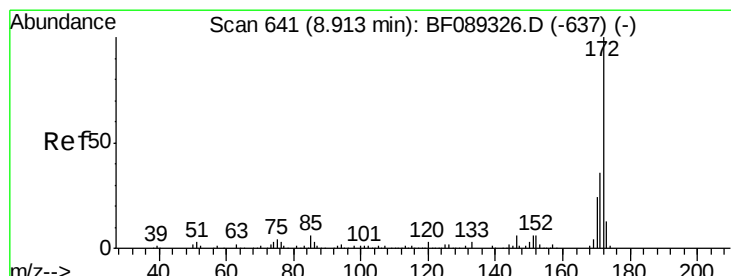
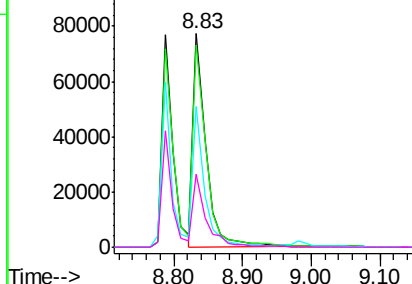
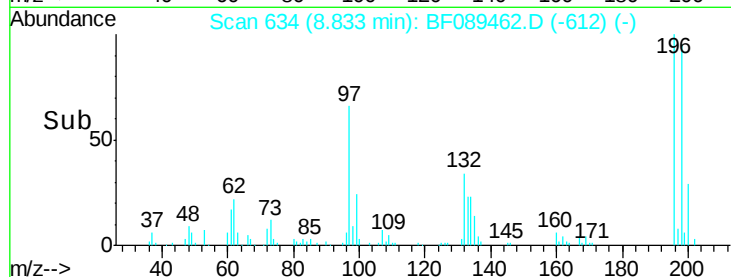
#43
 2,4,5-Trichlorophenol
 Concen: 52.92 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 99181
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.7 118.1
 97 66.2 39.7 59.5#
 132 34.0 22.8 34.2

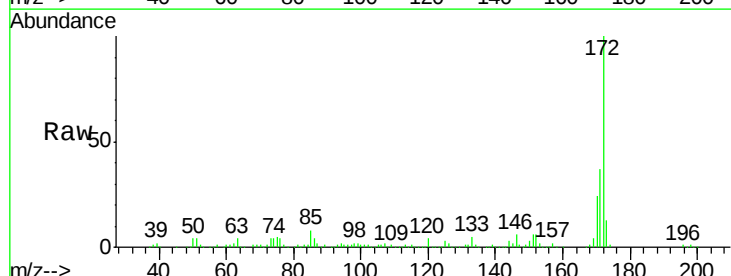


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

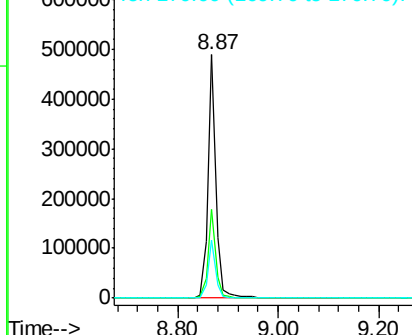
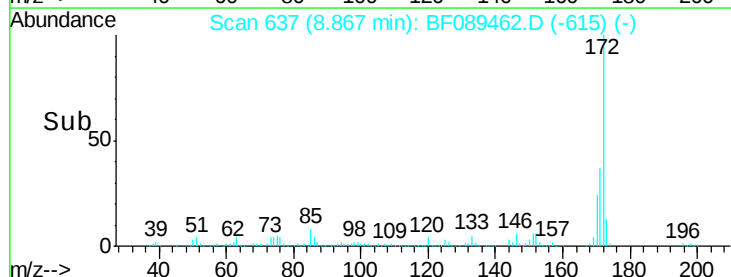


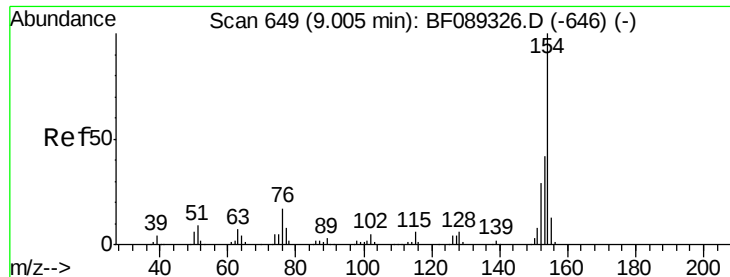
#44
 2-Fluorobiphenyl
 Concen: 88.38 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.05 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Tgt Ion:172 Resp: 535534
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 23.8 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 44.94 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

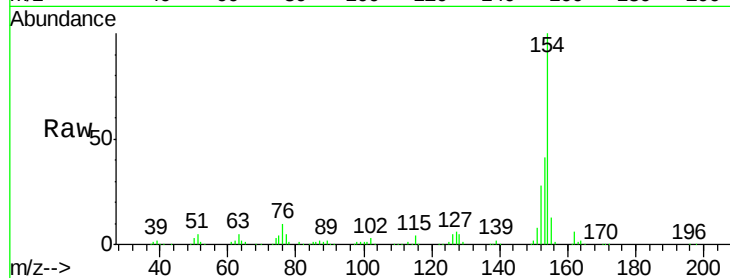
Tot Ion:154 Resp: 340247

Ion Ratio Lower Upper

154 100

153 40.9 21.0 61.0

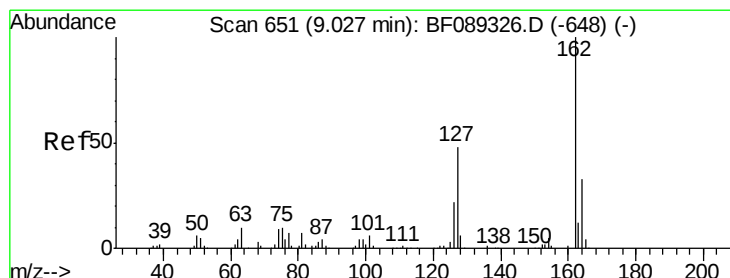
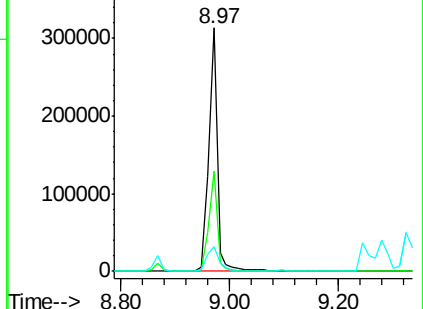
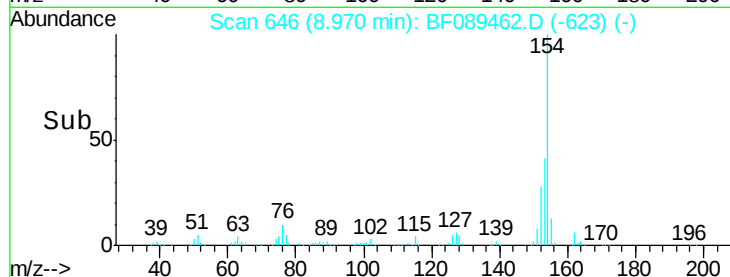
76 10.1 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 49.11 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.05 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

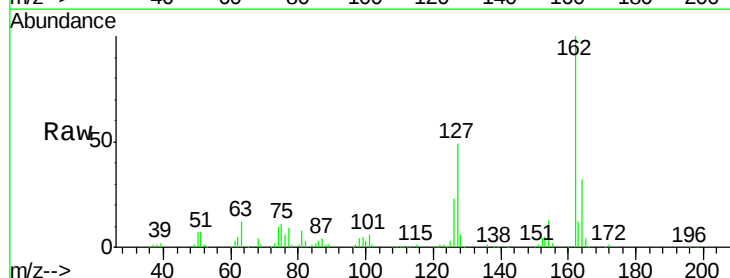
Tgt Ion:162 Resp: 279245

Ion Ratio Lower Upper

162 100

127 49.5 37.8 56.8

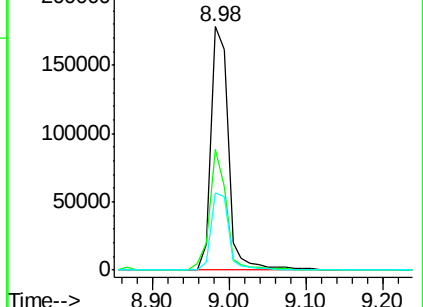
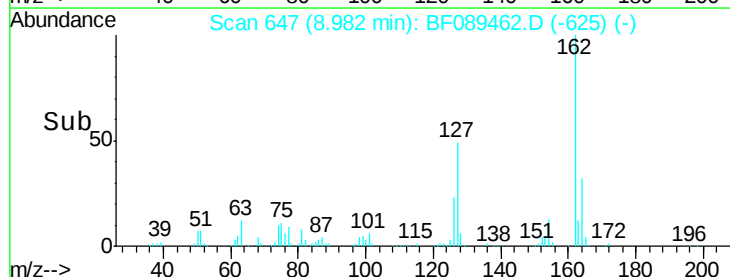
164 31.6 25.8 38.8

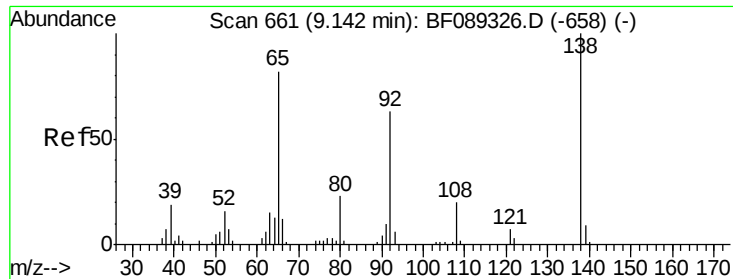


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

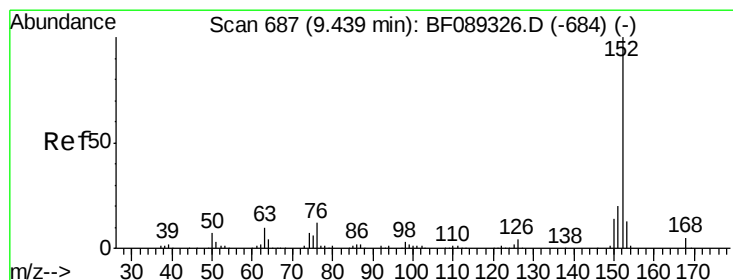
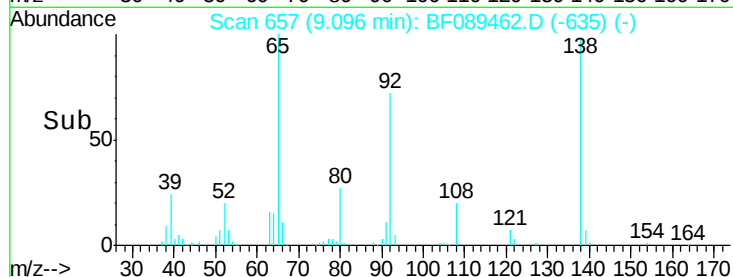
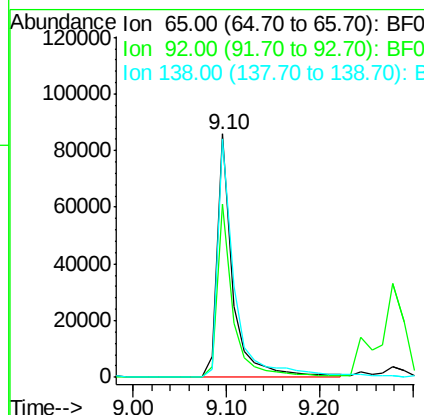
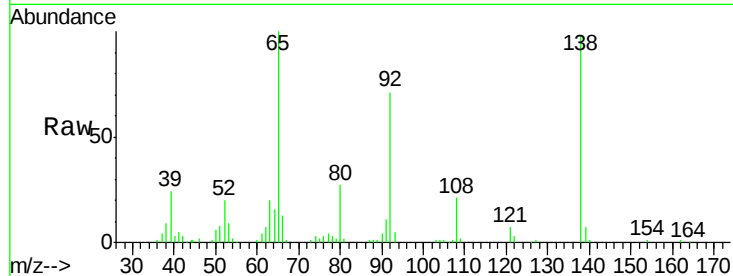




#47
2-Nitroaniline
Concen: 59.60 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

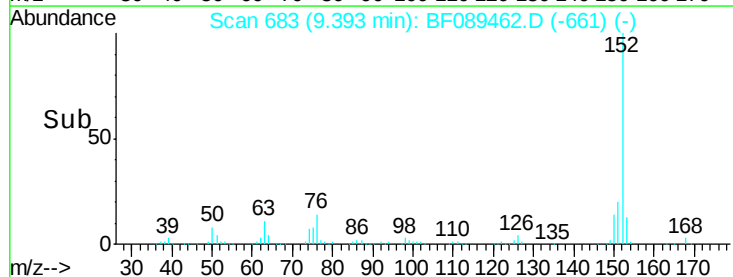
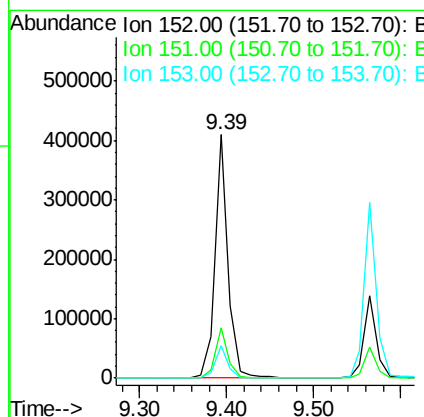
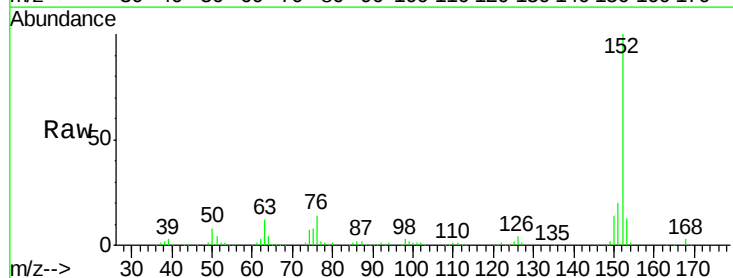
Instrument :
BNA_F
ClientSampleId :

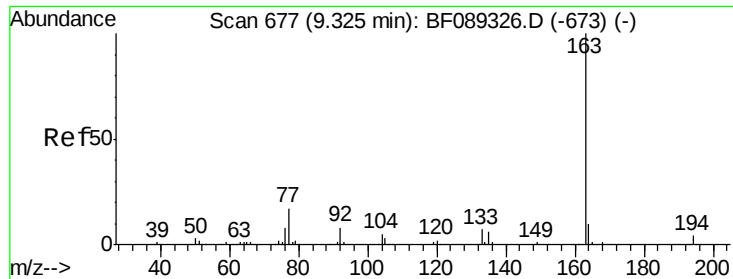
Tot Ion: 65 Resp: 100363
Ion Ratio Lower Upper
65 100
92 71.3 61.0 91.4
138 97.8 99.1 148.7#



#48
Acenaphthylene
Concen: 48.50 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion: 152 Resp: 434353
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.2 10.2 15.4

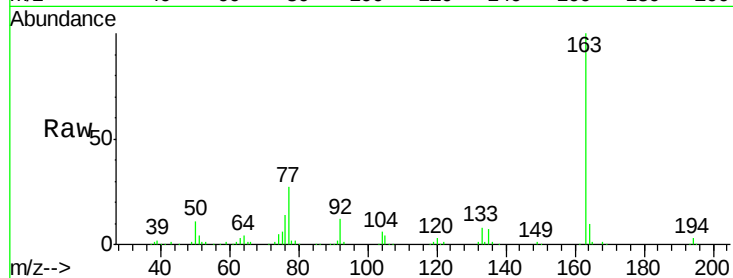




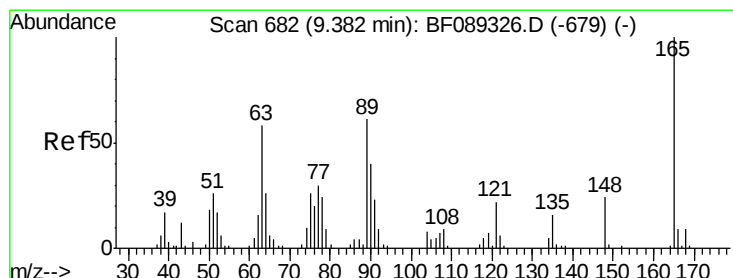
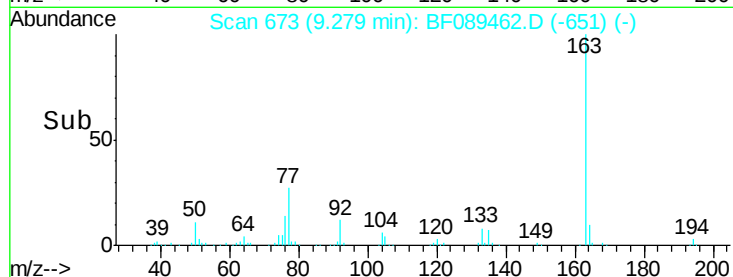
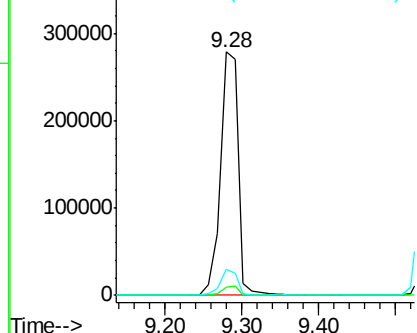
#49
Dimethylphthalate
Concen: 66.86 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 452489
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.5 7.8 11.8

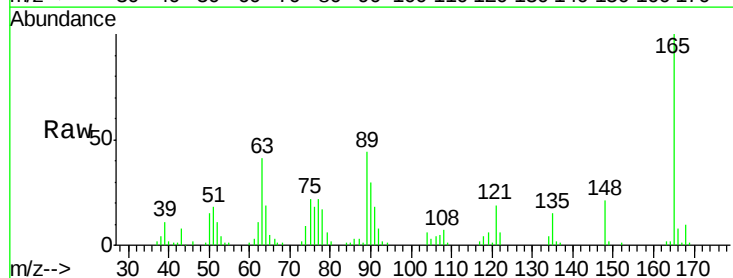


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

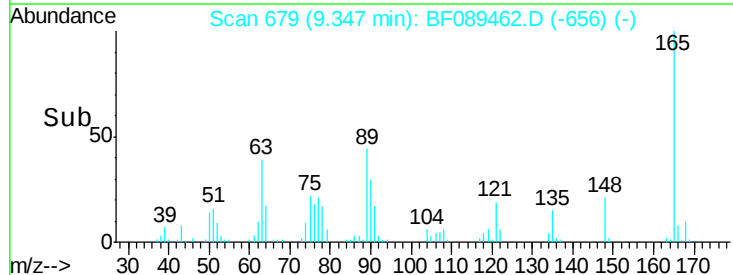
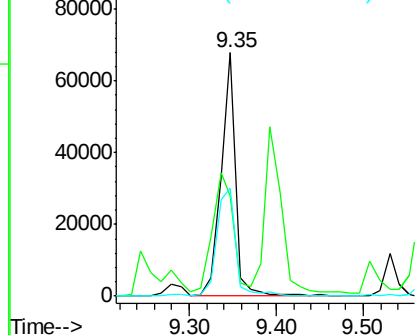


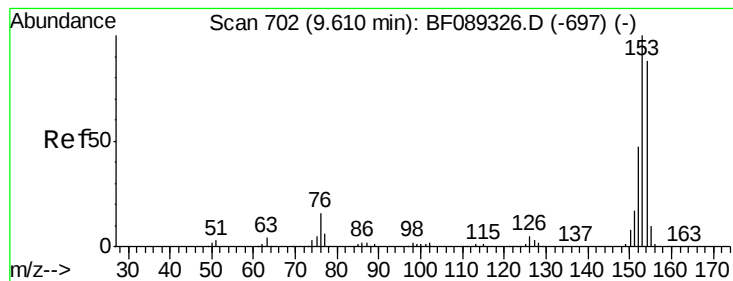
#50
2,6-Dinitrotoluene
Concen: 57.65 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion:165 Resp: 80173
Ion Ratio Lower Upper
165 100
63 41.3 43.5 65.3#
89 44.2 45.0 67.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.87 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

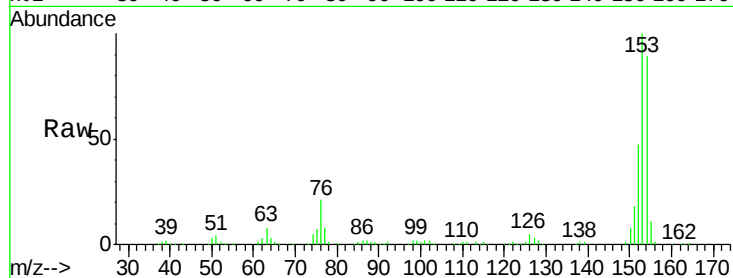
Tot Ion:154 Resp: 255615

Ion Ratio Lower Upper

154 100

153 112.4 91.4 137.2

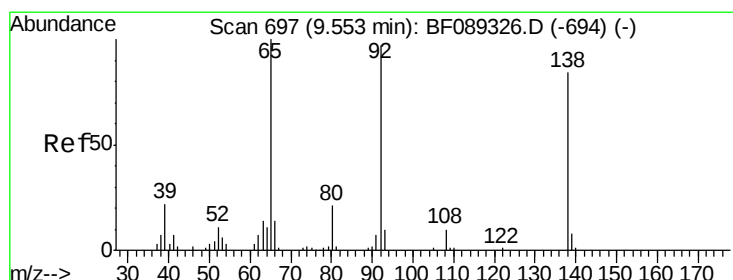
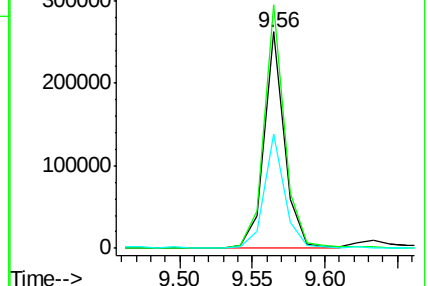
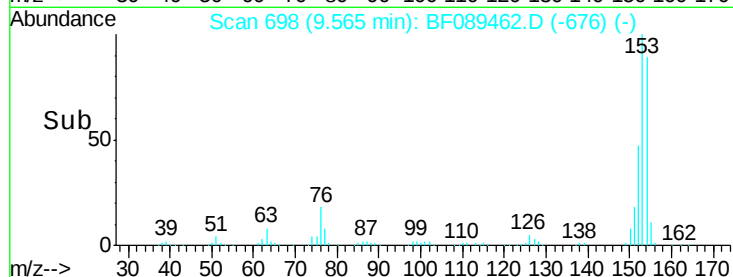
152 53.0 43.8 65.6



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: 42.40 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

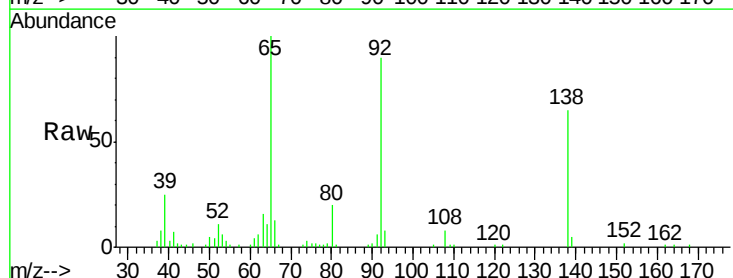
Tgt Ion:138 Resp: 62219

Ion Ratio Lower Upper

138 100

108 12.9 8.6 13.0

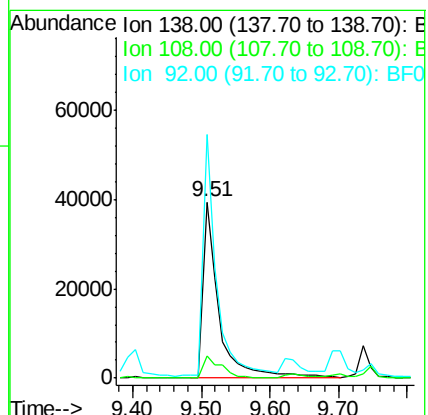
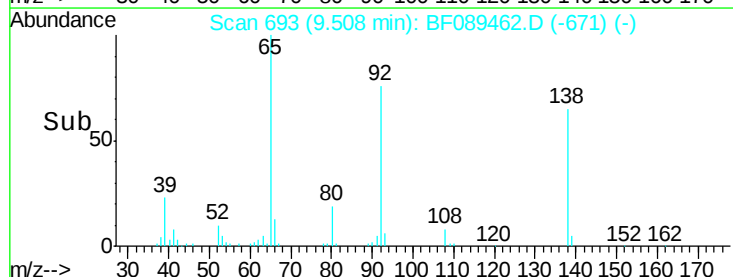
92 138.4 90.0 135.0#

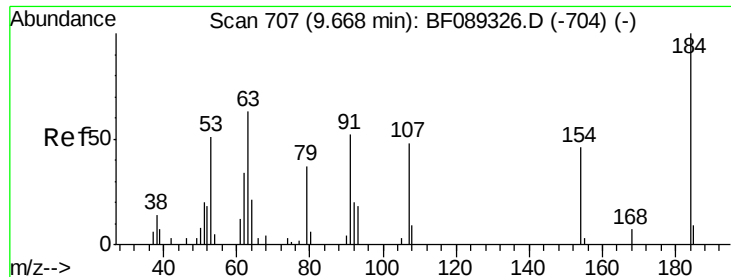


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

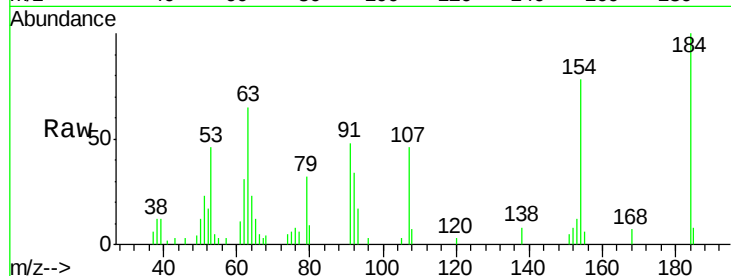




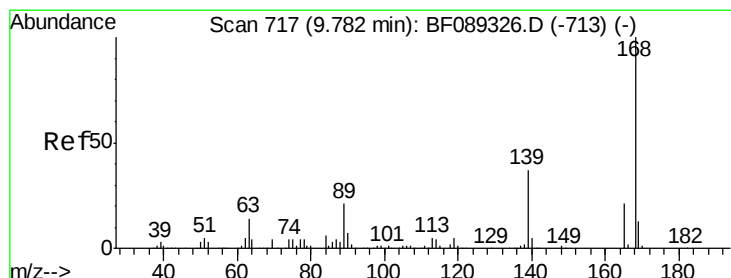
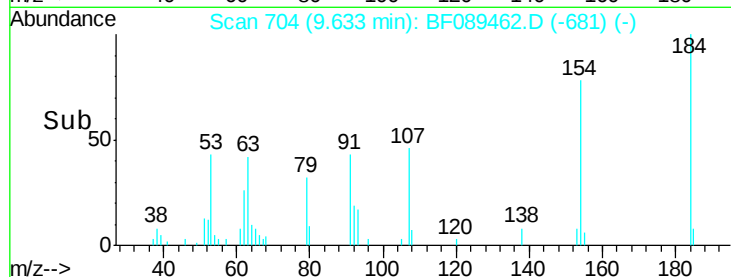
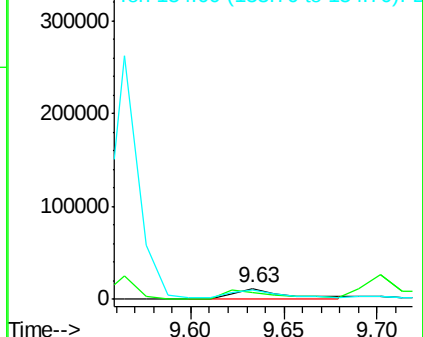
#53
 2,4-Dinitrophenol
 Concen: 46.72 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.03 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 22979
 Ion Ratio Lower Upper
 184 100
 63 64.9 60.6 90.8
 154 78.1 69.8 104.8

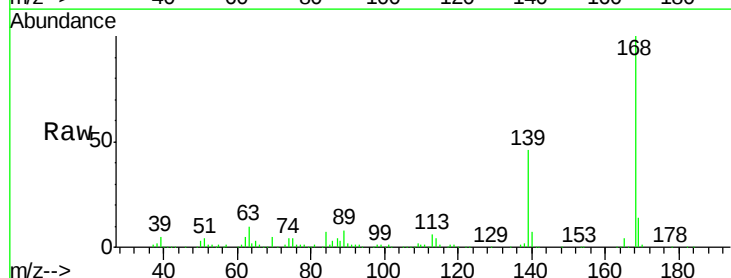


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

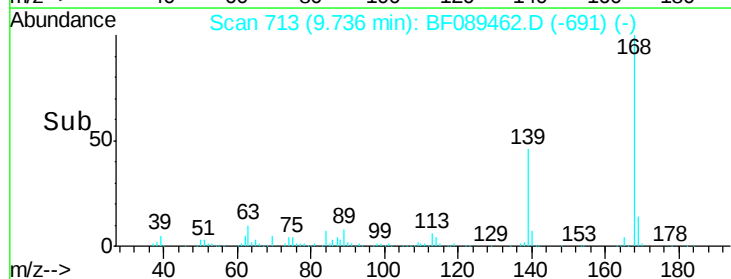
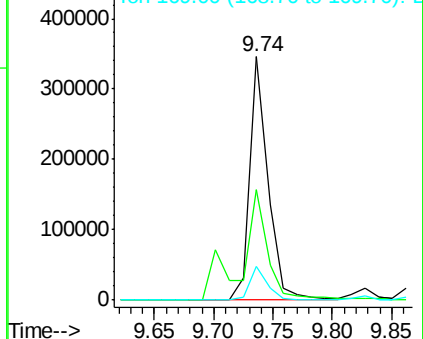


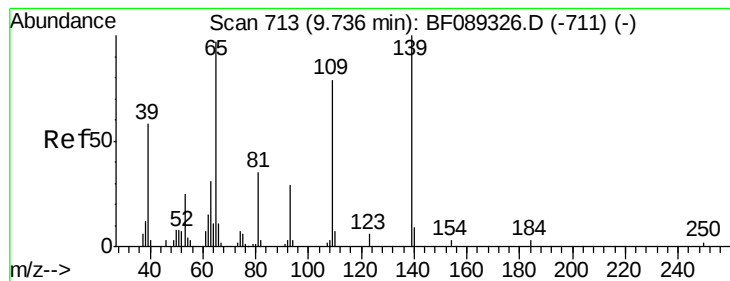
#54
 Dibenzofuran
 Concen: 52.61 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Tgt Ion:168 Resp: 374939
 Ion Ratio Lower Upper
 168 100
 139 45.6 33.7 50.5
 169 14.0 10.7 16.1



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





#55

4-Nitrophenol

Concen: 340.09 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

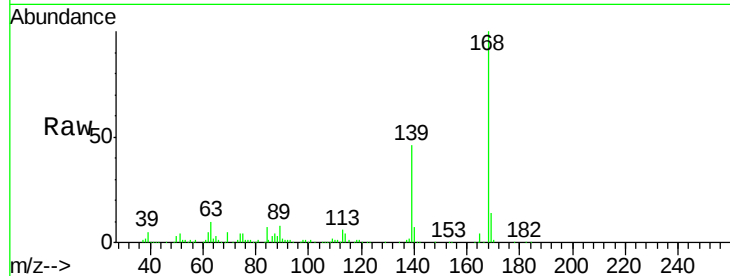
Tot Ion:139 Resp: 258636

Ion Ratio Lower Upper

139 100

109 4.3 57.8 97.8#

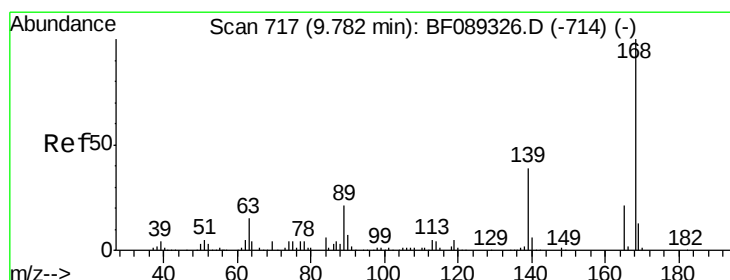
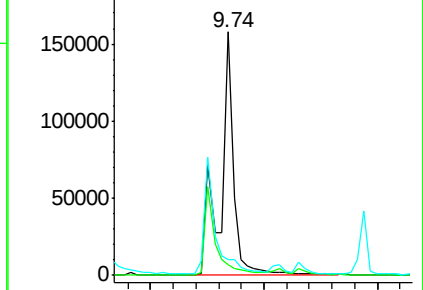
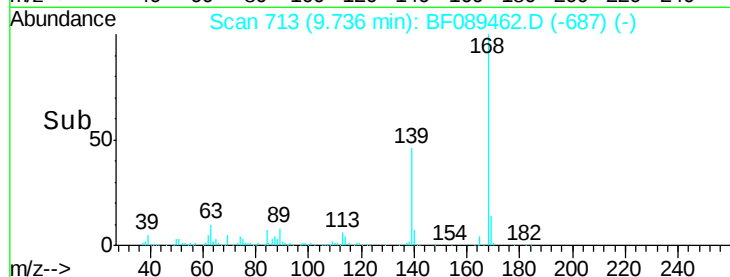
65 6.6 81.7 121.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 56.36 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Tgt Ion:165 Resp: 103186

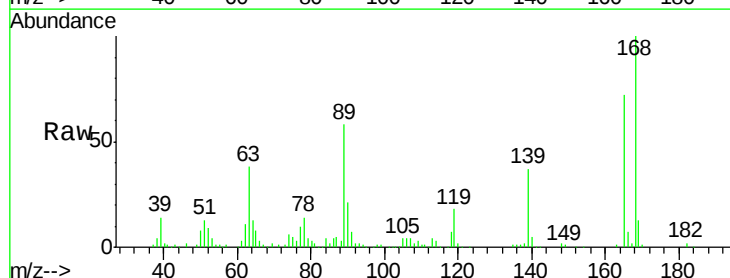
Ion Ratio Lower Upper

165 100

63 51.8 58.2 87.2#

89 80.6 79.1 118.7

182 2.5 1.8 2.8

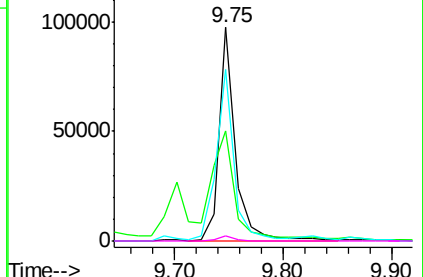
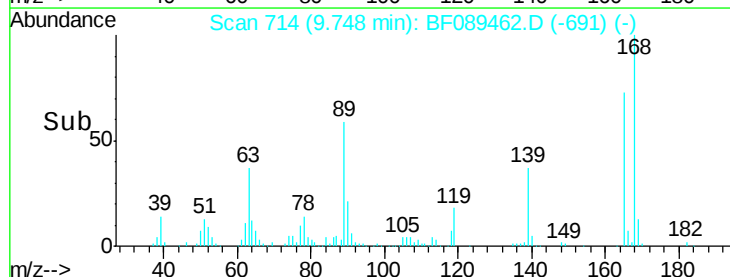


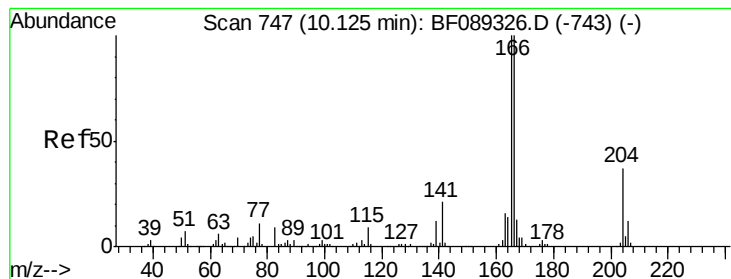
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 50.14 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.05 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

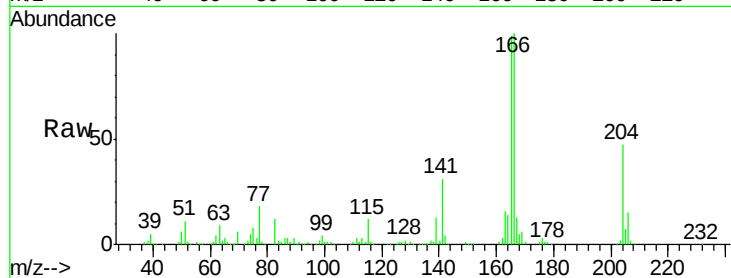
Tot Ion:166 Resp: 311977

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.4

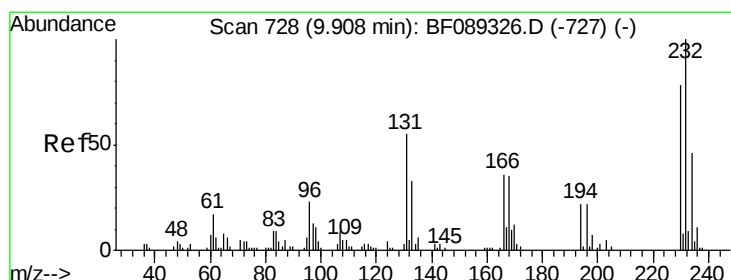
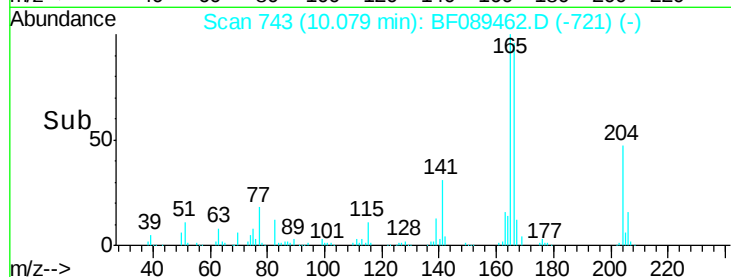
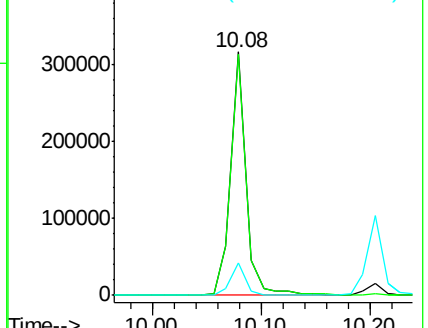
167 13.5 10.2 15.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.39 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Tgt Ion:232 Resp: 71806

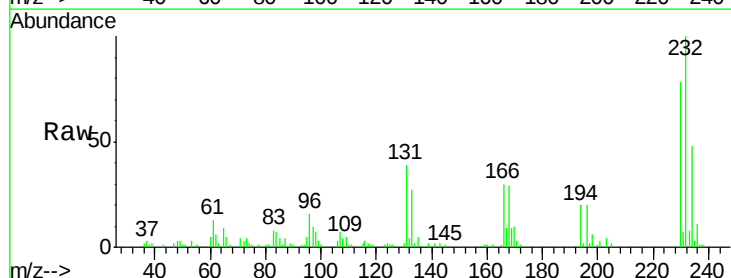
Ion Ratio Lower Upper

232 100

131 56.3 42.7 64.1

130 2.5 1.7 2.5

166 33.2 25.7 38.5

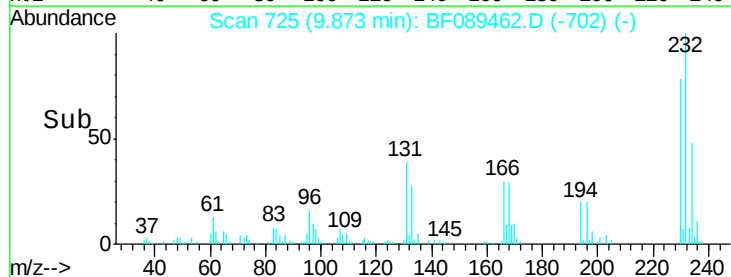
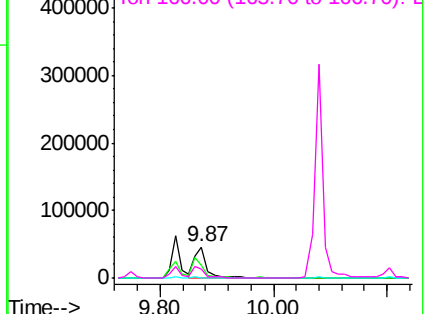


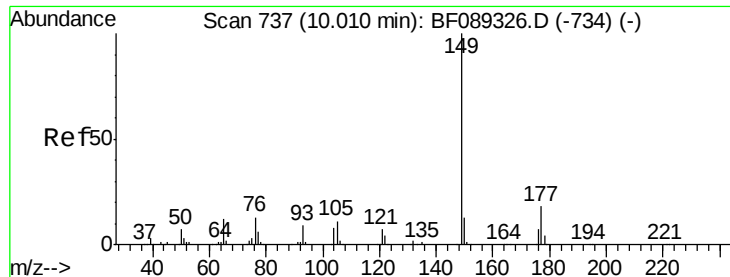
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

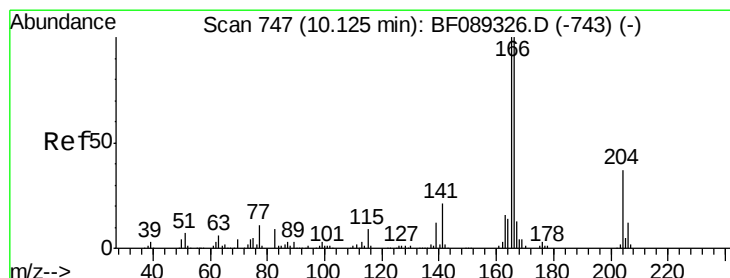
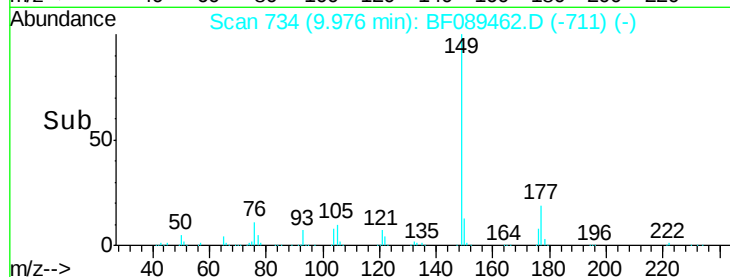
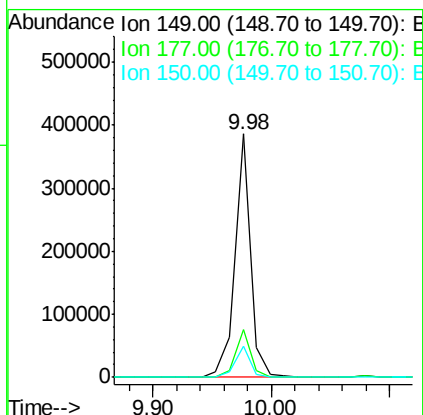
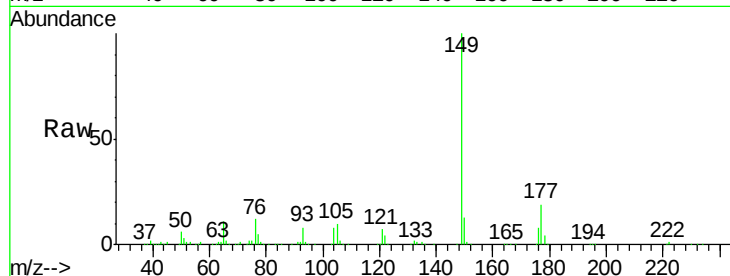




#59
Diethylphthalate
Concen: 51.62 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

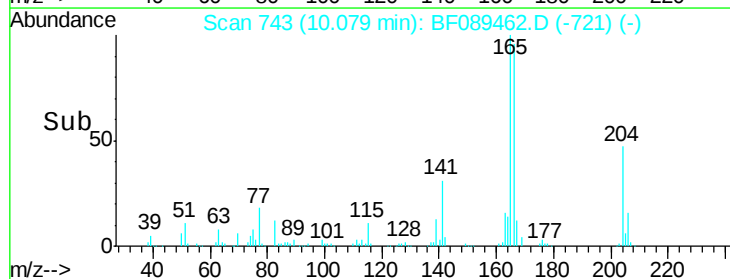
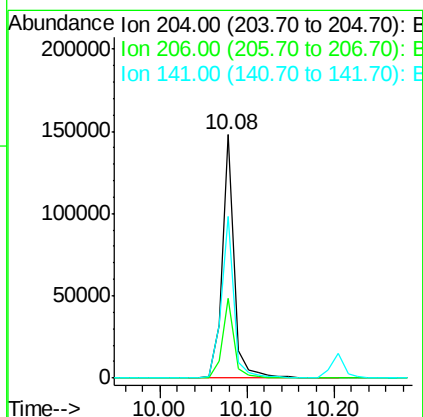
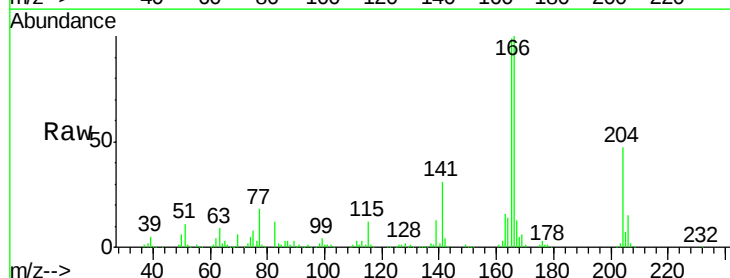
Instrument :
BNA_F
ClientSampled :

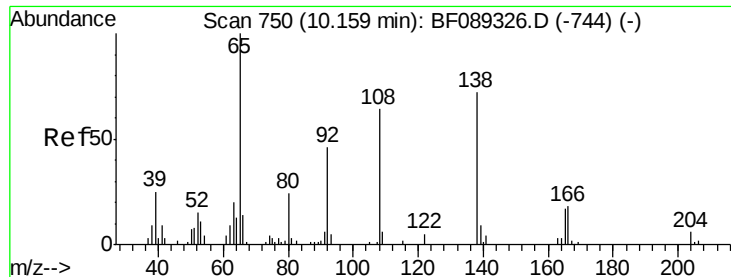
Tot Ion:149 Resp: 354165
Ion Ratio Lower Upper
149 100
177 19.4 15.1 22.7
150 12.6 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 50.50 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion:204 Resp: 144125
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 66.3 46.6 70.0

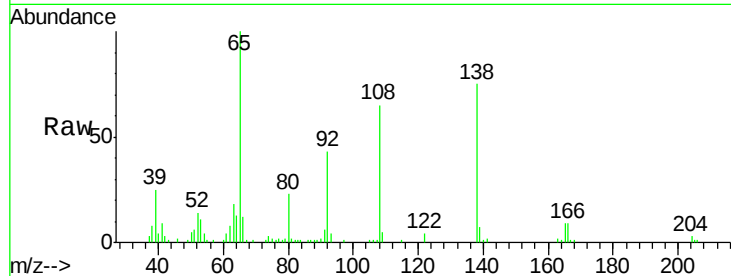




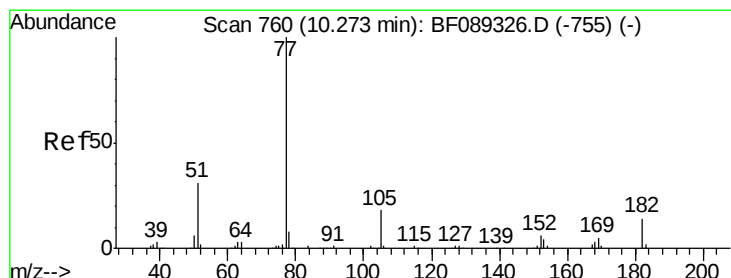
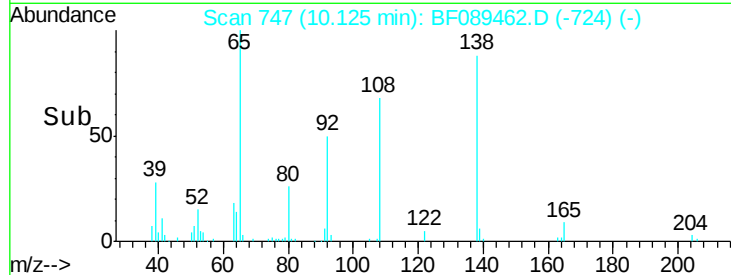
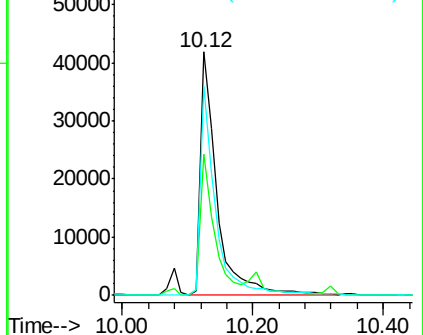
#61
4-Nitroaniline
Concen: 48.69 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.03 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 73647
Ion Ratio Lower Upper
138 100
92 57.8 41.2 81.2
108 86.1 69.6 109.6

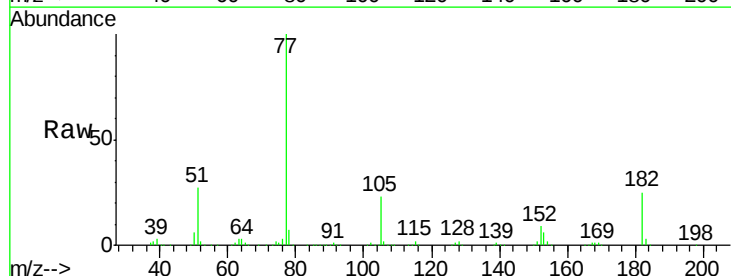


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

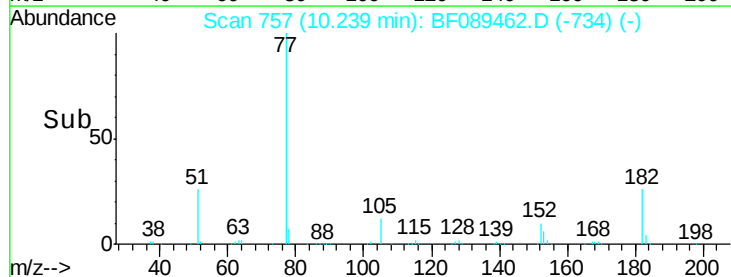
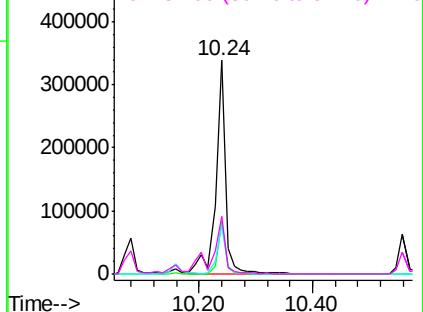


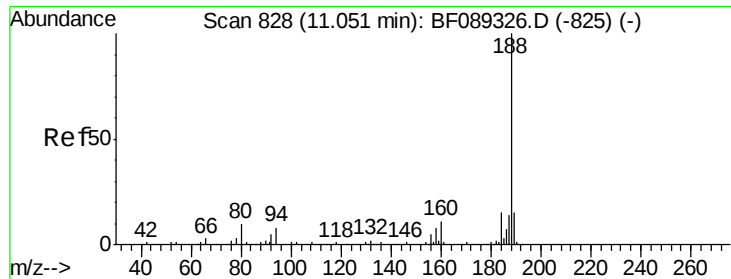
#62
Azobenzene
Concen: 55.93 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.03 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion: 77 Resp: 395188
Ion Ratio Lower Upper
77 100
182 24.7 0.0 33.8
105 23.1 0.0 39.8
51 27.1 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

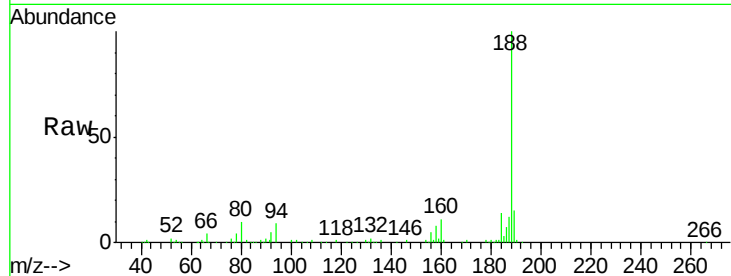




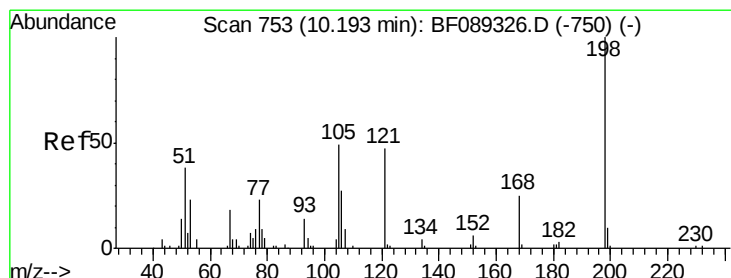
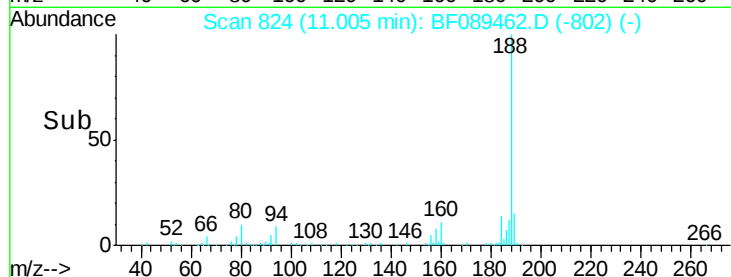
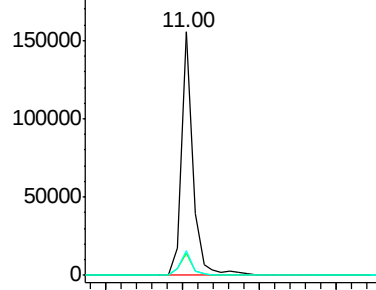
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 159271
Ion Ratio Lower Upper
188 100
94 9.3 6.5 9.7
80 10.3 7.2 10.8

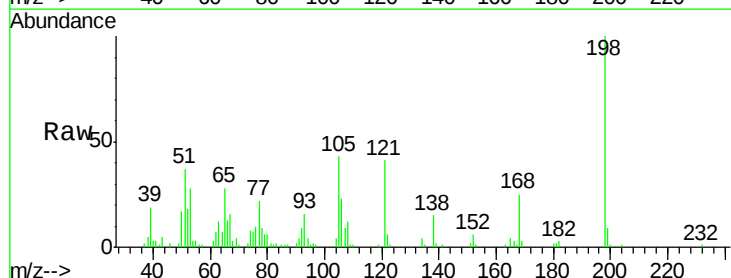


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

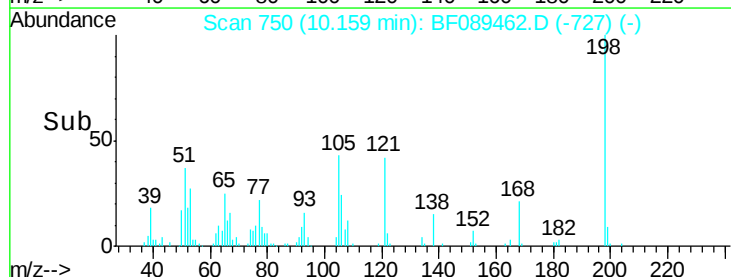
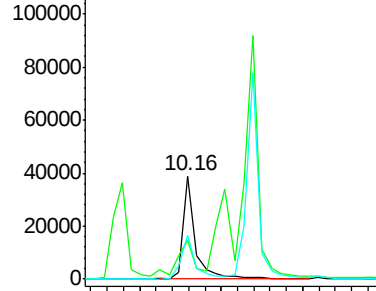


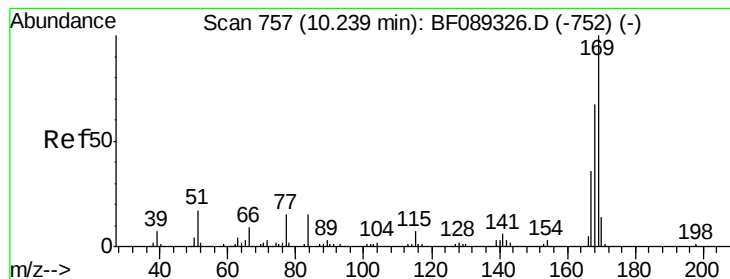
#64
4,6-Dinitro-2-methylphenol
Concen: 44.31 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion:198 Resp: 42239
Ion Ratio Lower Upper
198 100
51 37.1 23.0 63.0
105 43.0 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: 59.15 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

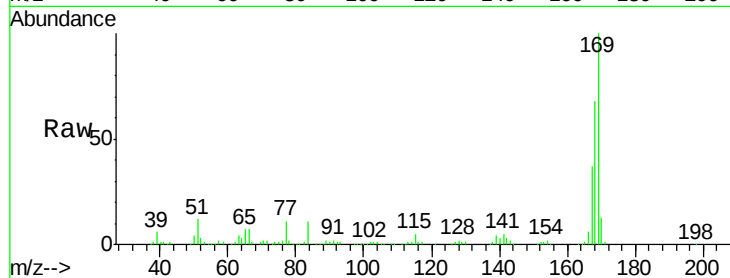
Tot Ion:169 Resp: 293961

Ion Ratio Lower Upper

169 100

168 68.4 55.4 83.0

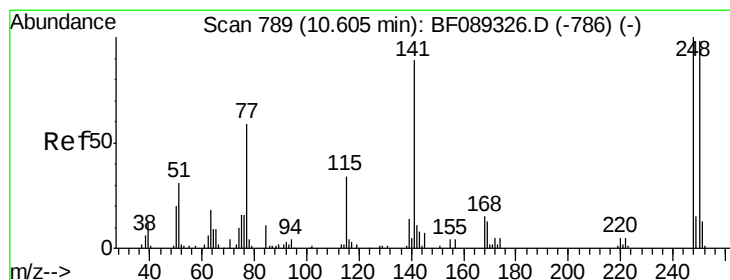
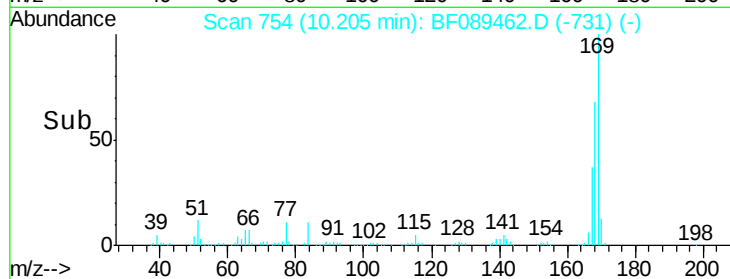
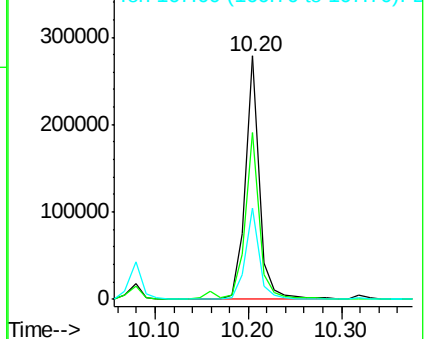
167 37.5 29.7 44.5



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: 52.00 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.05 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

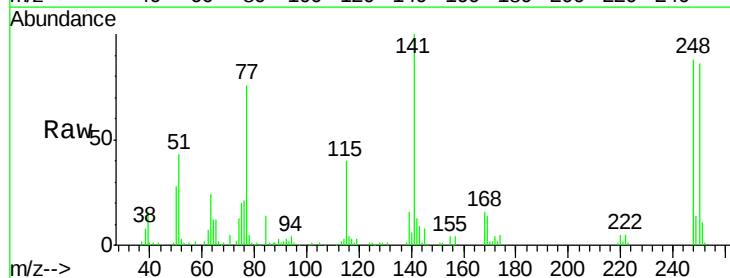
Tgt Ion:248 Resp: 79071

Ion Ratio Lower Upper

248 100

250 97.7 78.2 117.2

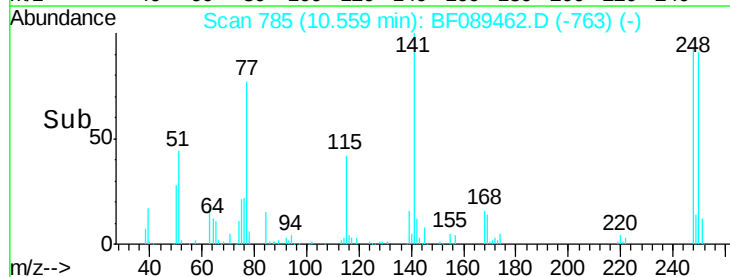
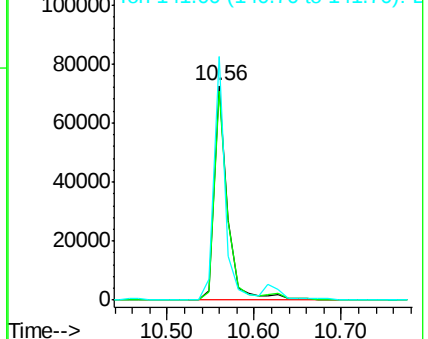
141 113.5 62.0 93.0#

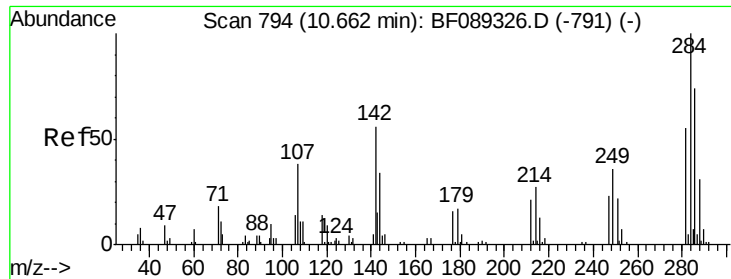


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

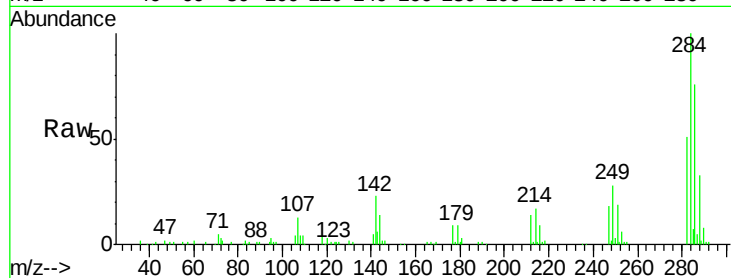




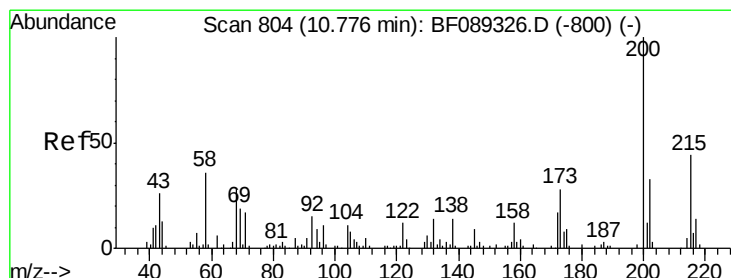
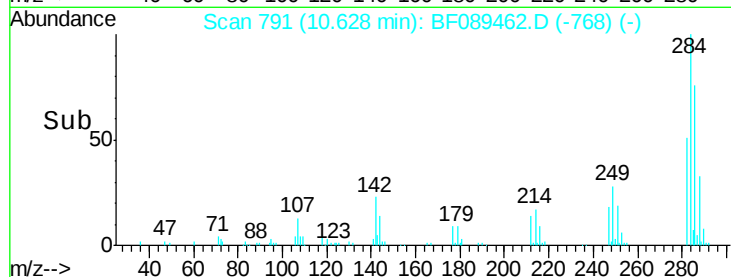
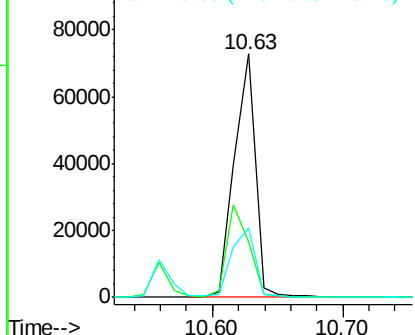
#67
Hexachlorobenzene
Concen: 52.17 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.03 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 81297
Ion Ratio Lower Upper
284 100
142 22.7 42.2 63.4#
249 28.4 29.4 44.0#

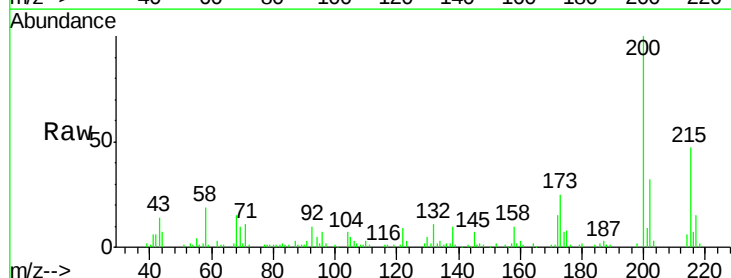


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

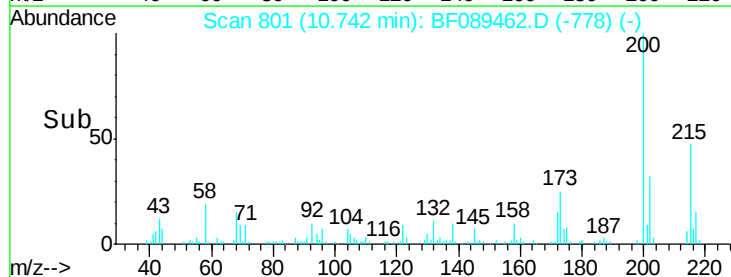
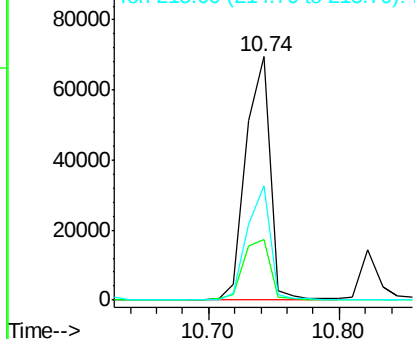


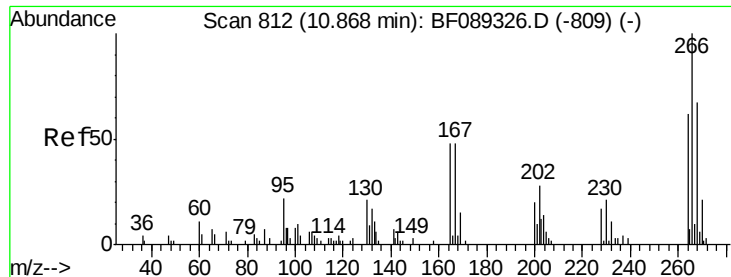
#68
Atrazine
Concen: 58.80 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.03 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion:200 Resp: 89765
Ion Ratio Lower Upper
200 100
173 24.7 6.0 46.0
215 46.8 24.3 64.3



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

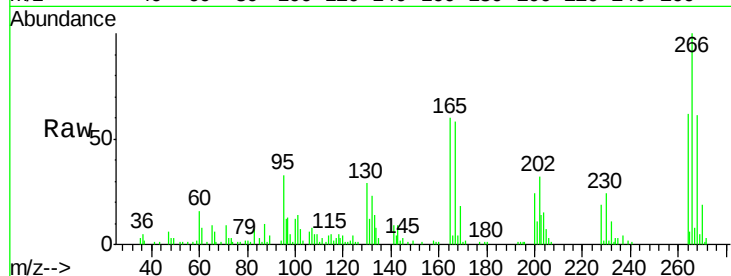




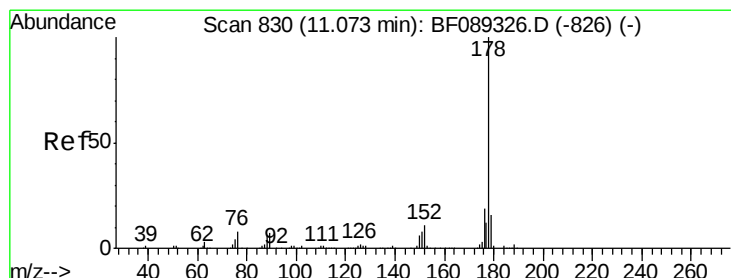
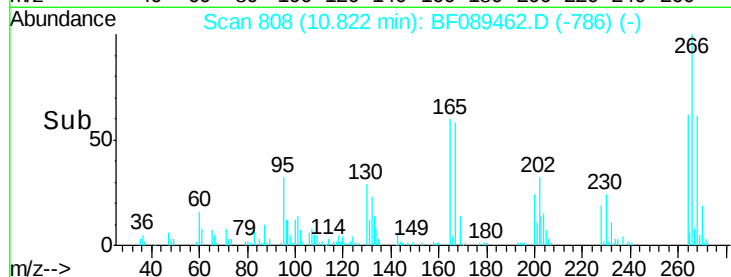
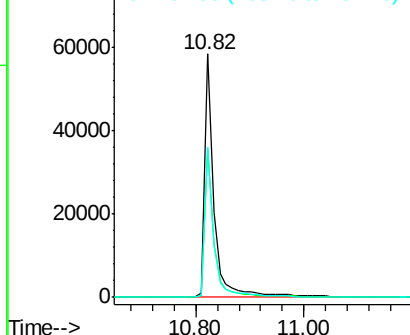
#69
 Pentachlorophenol
 Concen: 91.21 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 69560
 Ion Ratio Lower Upper
 266 100
 268 61.0 49.4 74.2
 264 61.6 50.2 75.2

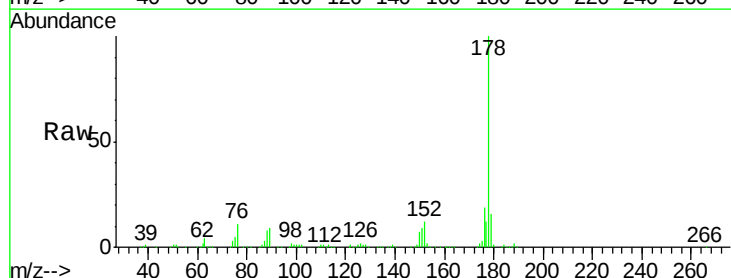


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

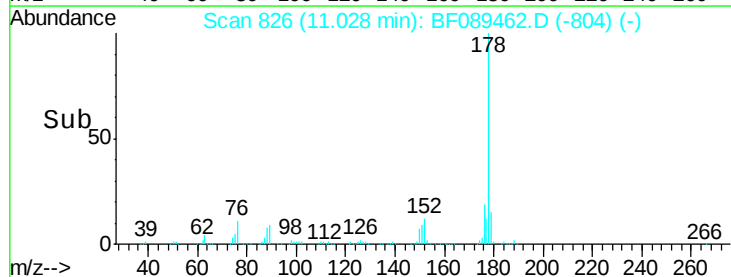
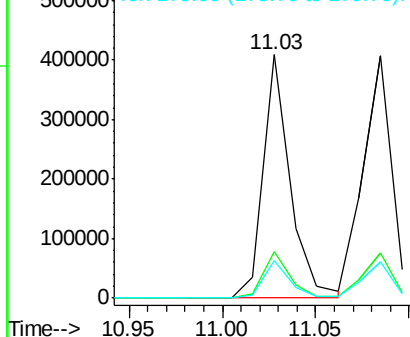


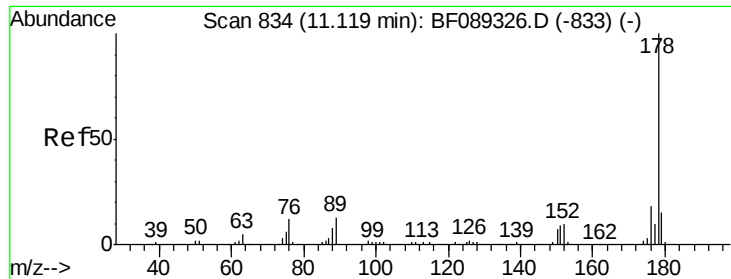
#70
 Phenanthrene
 Concen: 49.76 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.05 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Tgt Ion:178 Resp: 408737
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.5 12.3 18.5



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

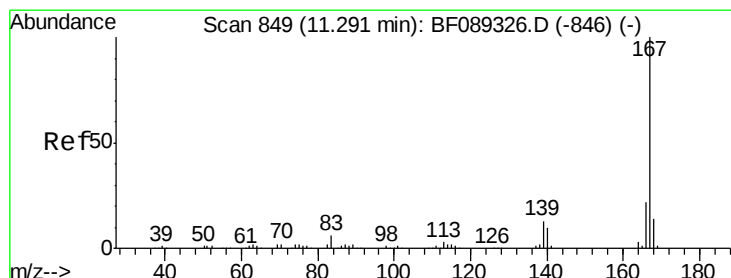
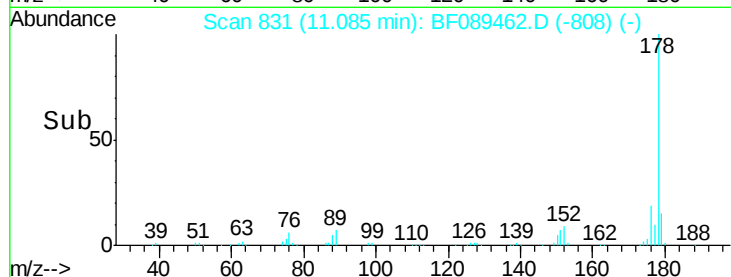
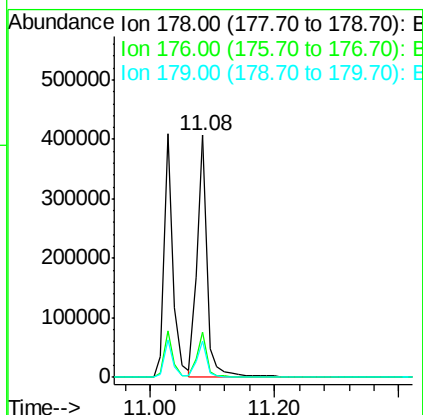
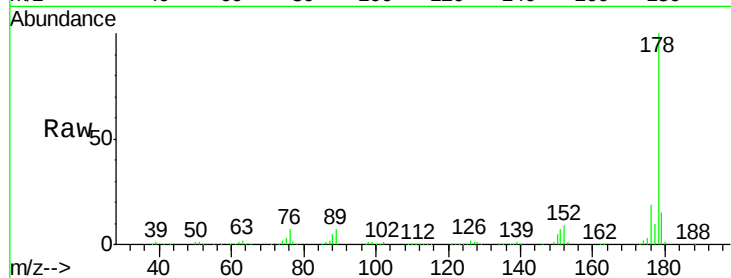




#71
 Anthracene
 Concen: 50.95 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

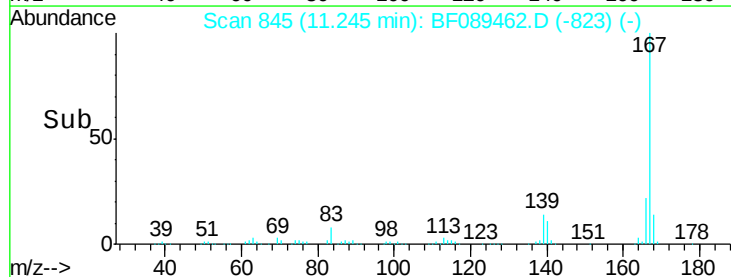
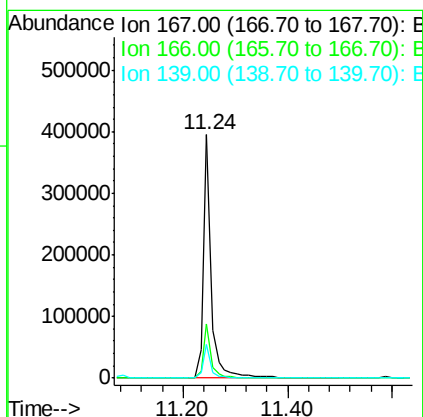
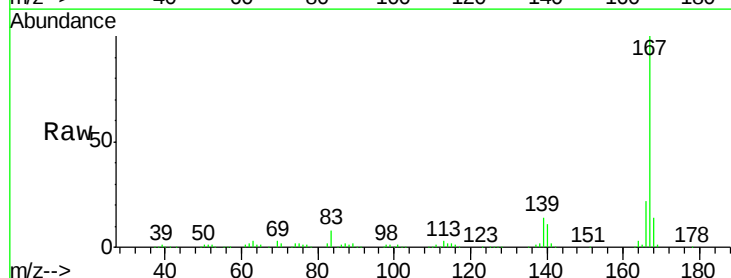
Instrument :
 BNA_F
 ClientSampled :

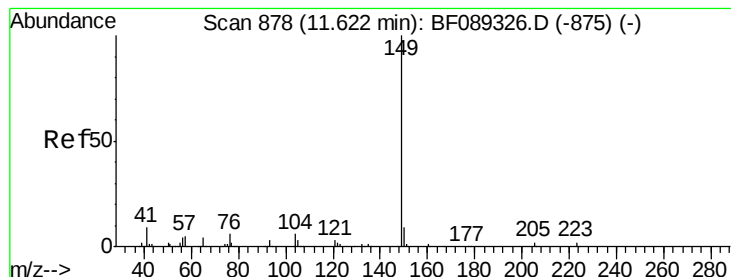
Tot Ion:178 Resp: 465289
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.8 22.2
 179 15.2 12.6 18.8



#72
 Carbazole
 Concen: 53.87 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.05 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Tgt Ion:167 Resp: 414122
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.8 10.1 15.1





#73

Di-n-butylphthalate

Concen: 49.52 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

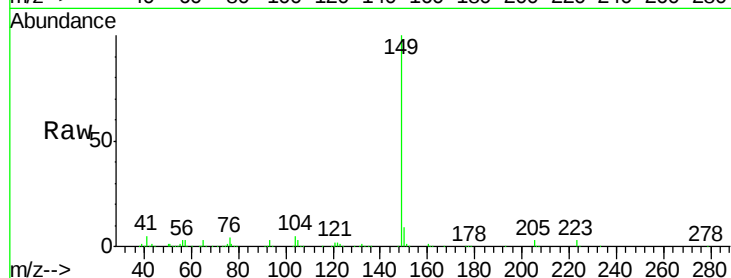
Tot Ion:149 Resp: 510804

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

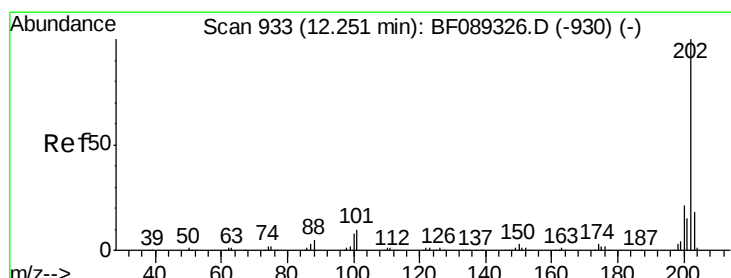
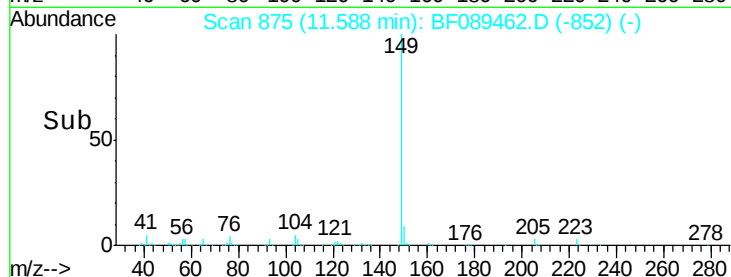
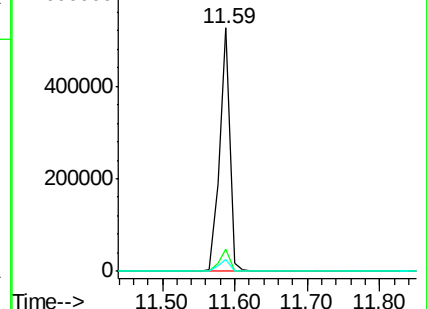
104 4.8 4.7 7.1



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: 45.19 ng

RT: 12.20 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

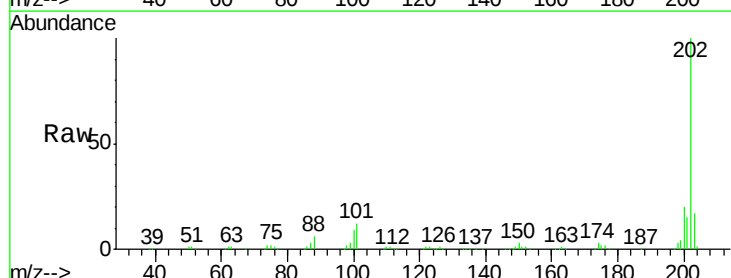
Tgt Ion:202 Resp: 390463

Ion Ratio Lower Upper

202 100

101 12.1 0.0 29.9

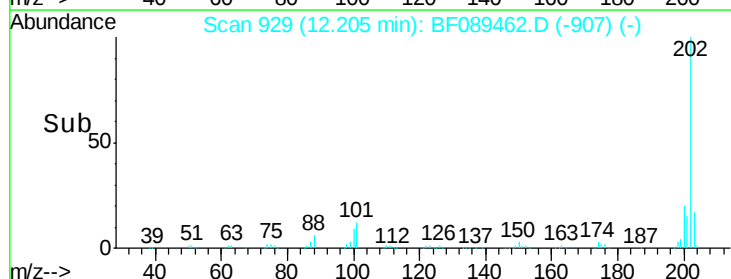
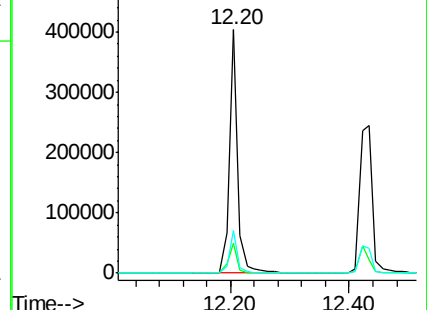
203 17.4 0.0 37.3



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: 13.62 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampled :

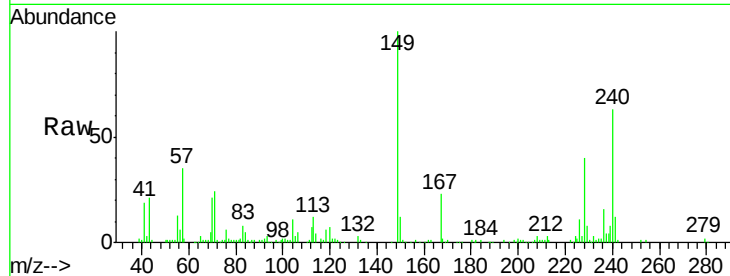
Tot Ion:240 Resp: 87097

Ion Ratio Lower Upper

240 100

120 11.1 9.1 13.7

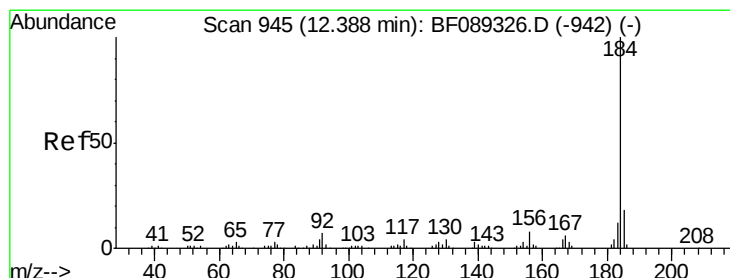
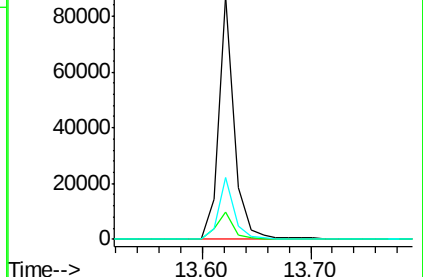
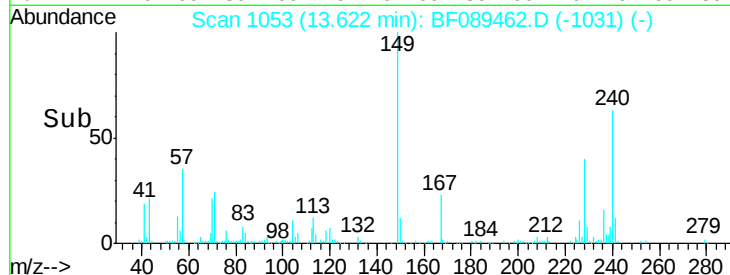
236 25.4 20.6 30.8



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: 46.59 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

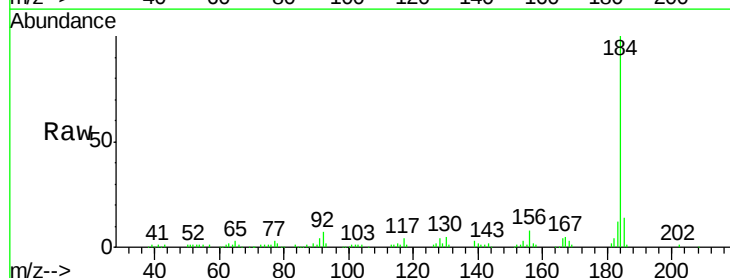
Tgt Ion:184 Resp: 149923

Ion Ratio Lower Upper

184 100

185 13.7 13.5 20.3

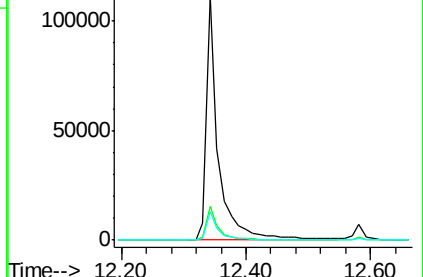
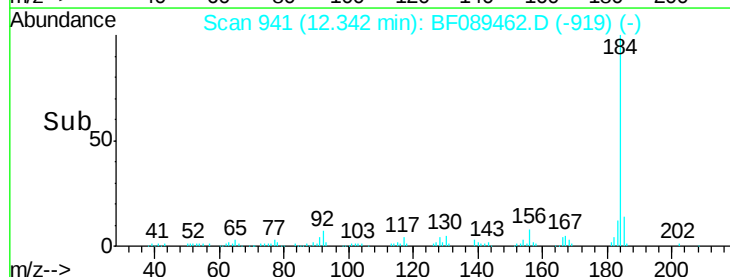
183 11.8 9.8 14.6

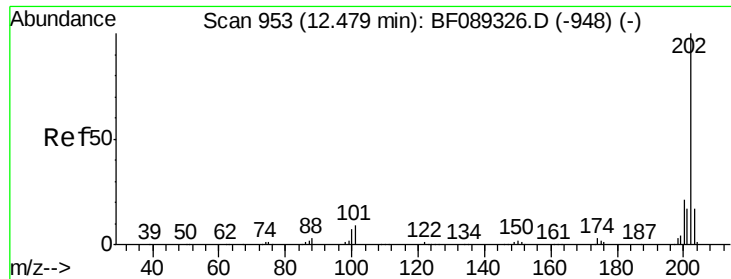


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

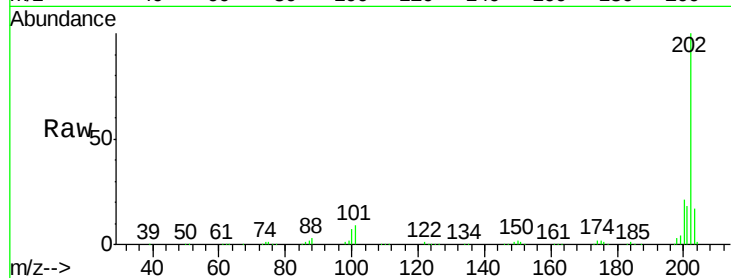




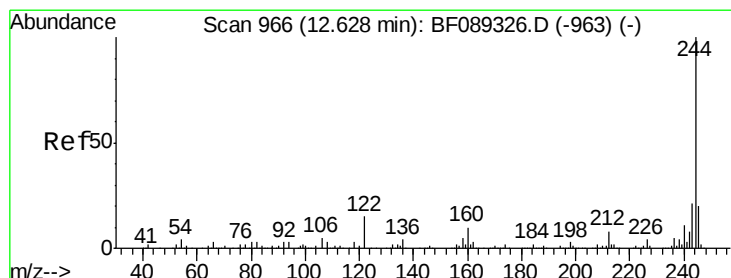
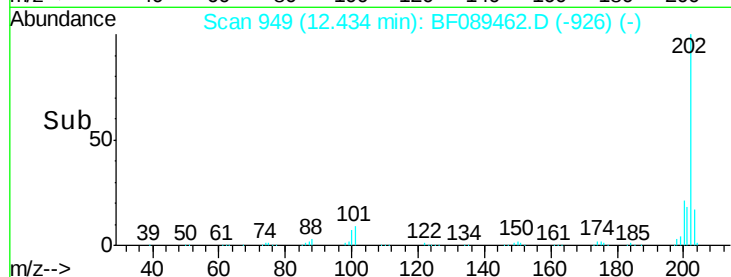
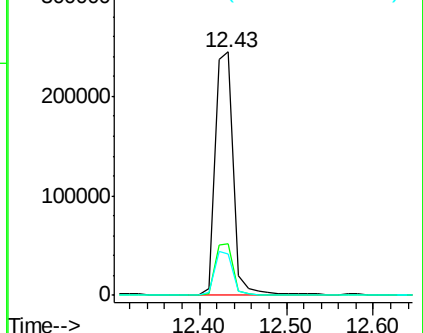
#77
Pvrene
Concen: 54.66 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 360837
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 16.7 14.0 21.0

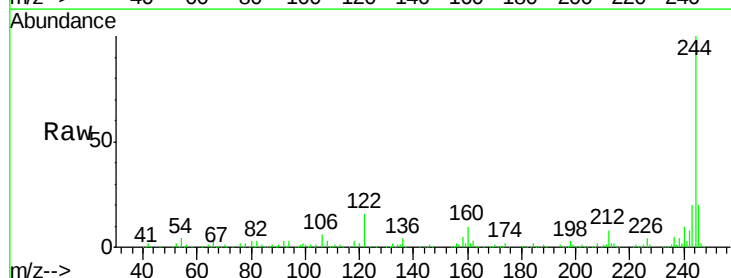


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

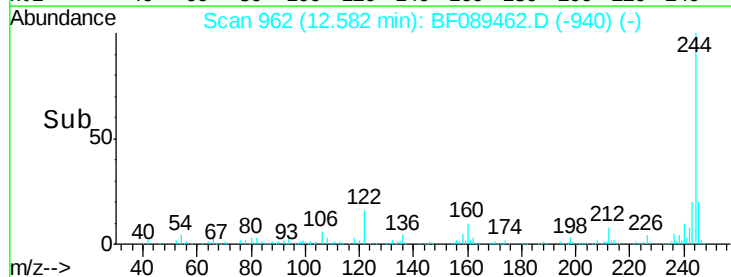
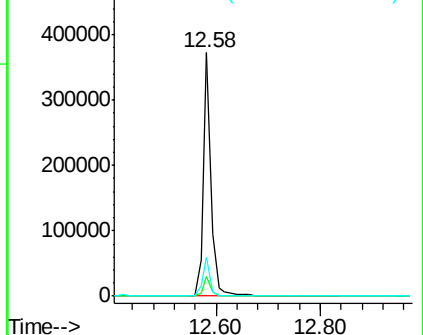


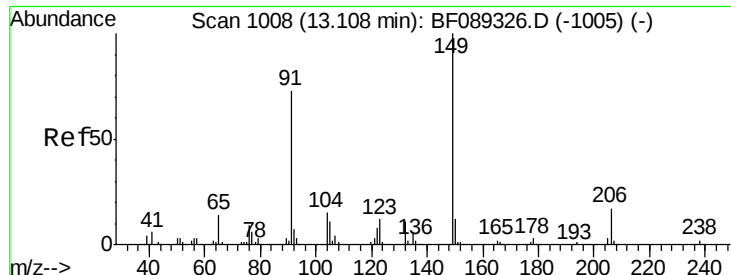
#78
Terphenyl-d14
Concen: 103.27 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion:244 Resp: 384289
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 15.7 11.4 17.0



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

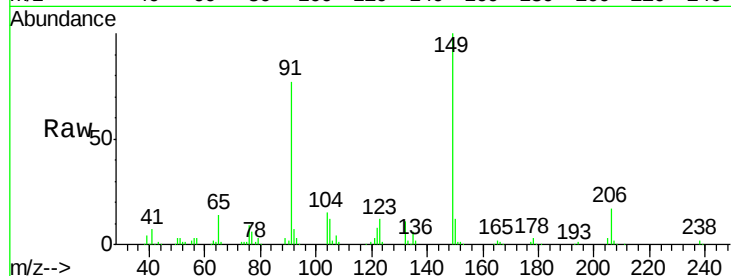




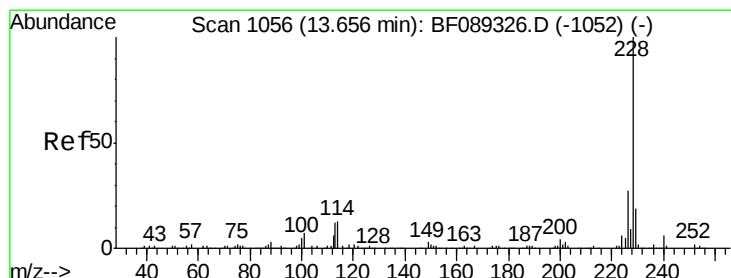
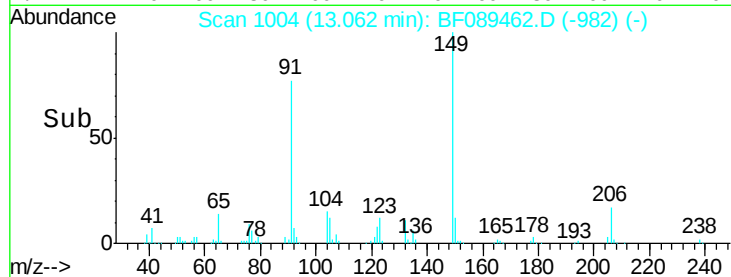
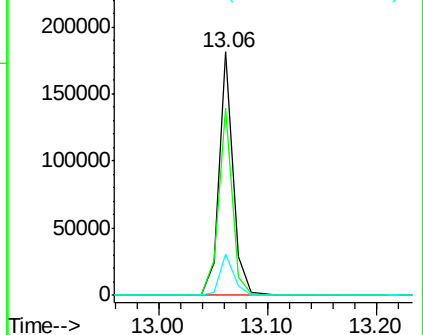
#79
Butylbenzylphthalate
Concen: 54.51 ng
RT: 13.06 min Scan# 1004
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 163590
Ion Ratio Lower Upper
149 100
91 76.7 58.5 87.7
206 17.1 13.8 20.8

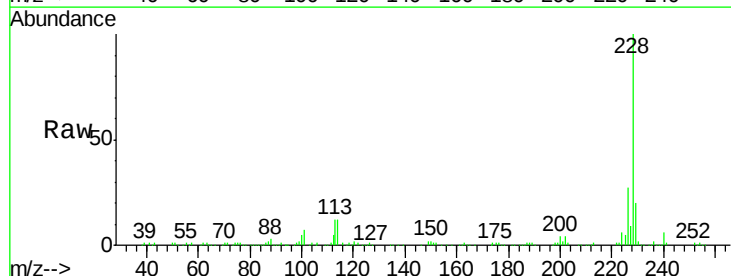


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

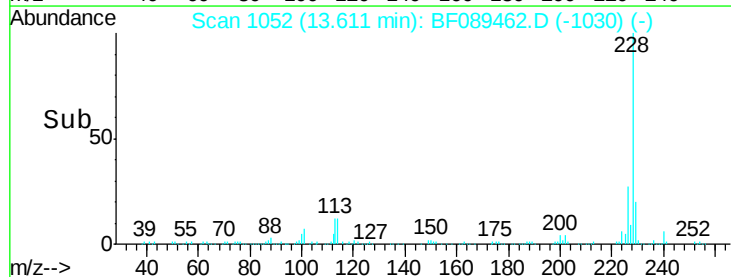
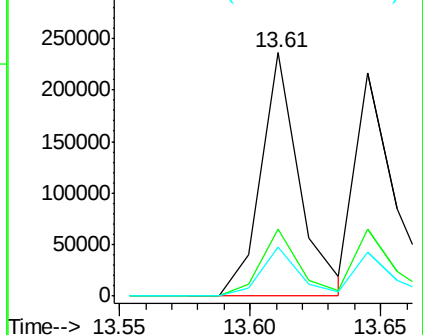


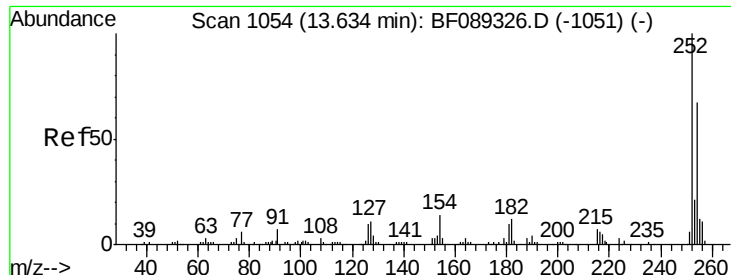
#80
Benzo(a)anthracene
Concen: 49.10 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.05 min
Lab File: BF089462.D
Acq: 30 Jul 2016 19:46

Tgt Ion:228 Resp: 241359
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.2
229 20.0 15.9 23.9



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

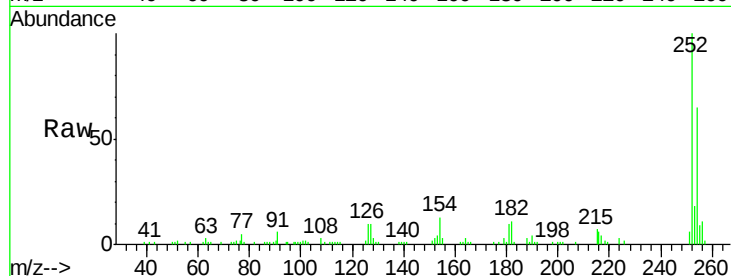




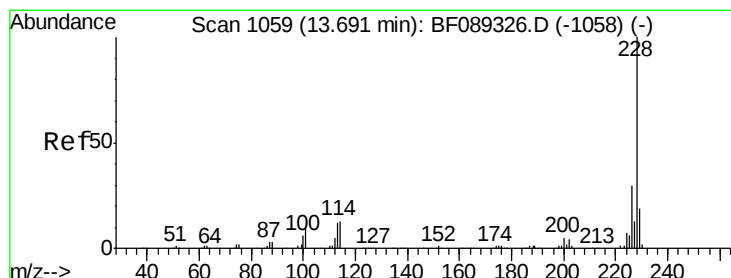
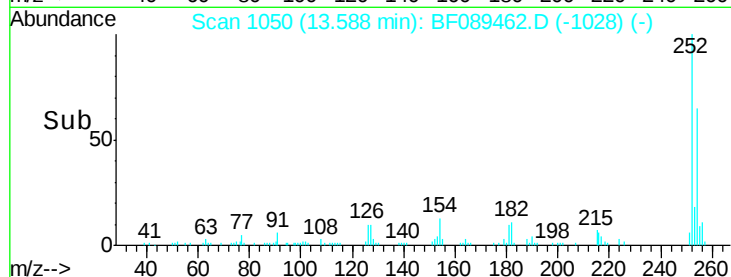
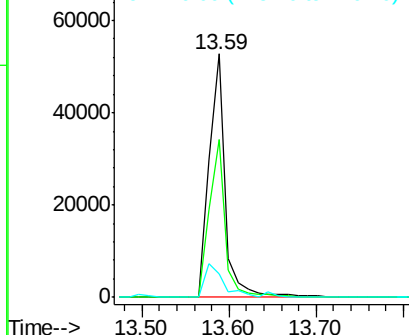
#81
 3,3'-Dichlorobenzidine
 Concen: 38.64 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.05 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.5	78.7
126	9.6	7.4	11.2

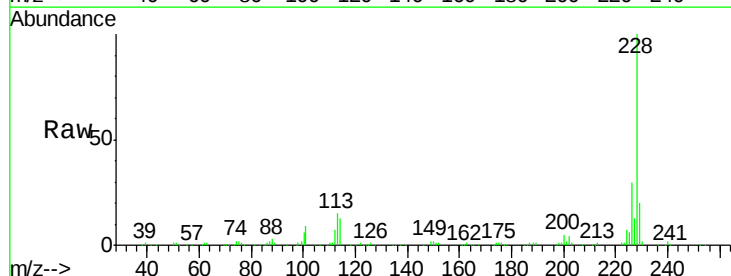


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

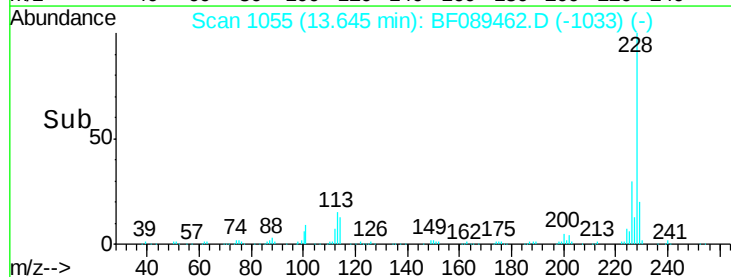
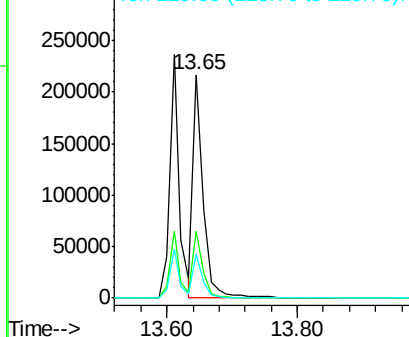


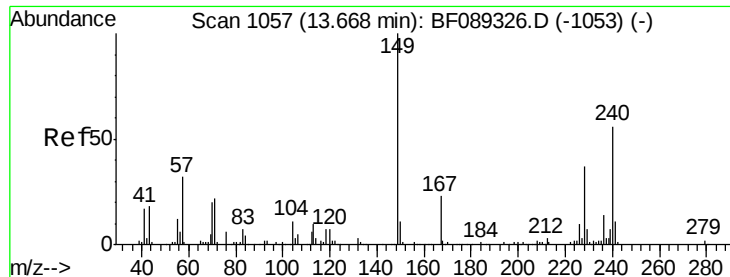
#82
 Chrysene
 Concen: 44.82 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.05 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.6	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: 50.89 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

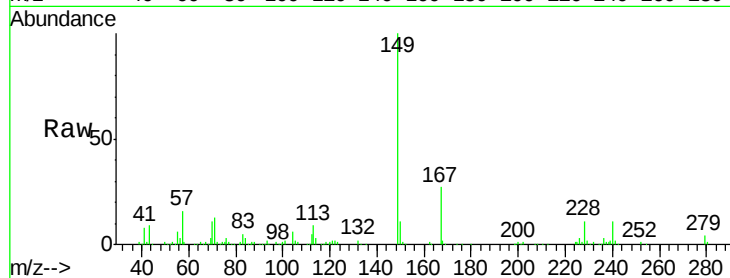
Tot Ion:149 Resp: 220785

Ion Ratio Lower Upper

149 100

167 26.8 18.8 28.2

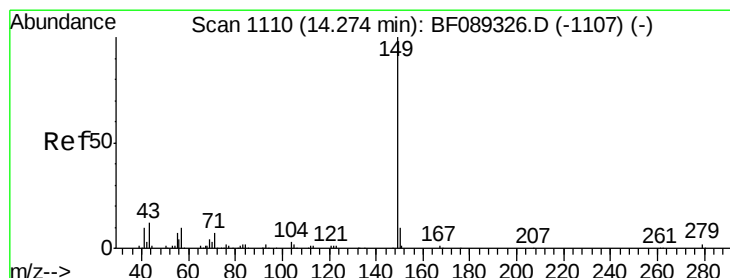
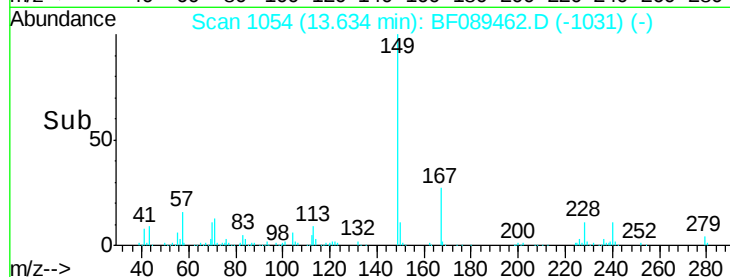
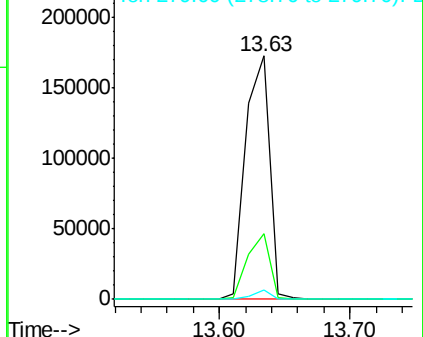
279 4.1 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.77 ng

RT: 14.24 min Scan# 1107

Delta R.T. -0.03 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

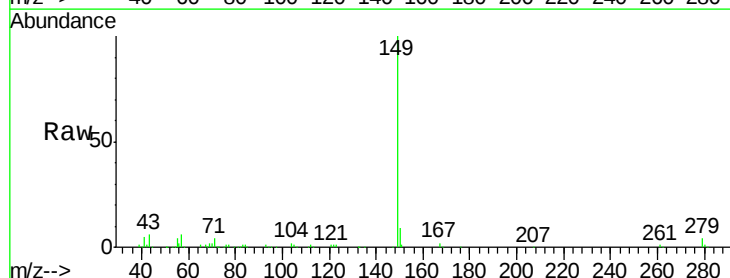
Tgt Ion:149 Resp: 336931

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

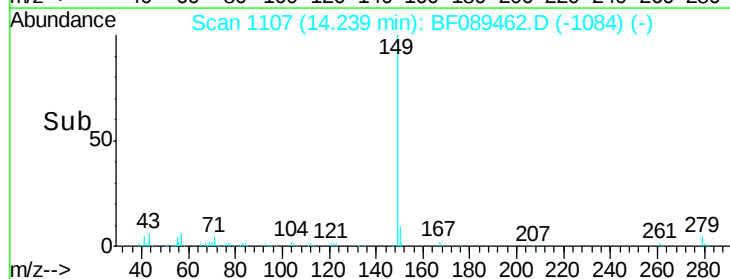
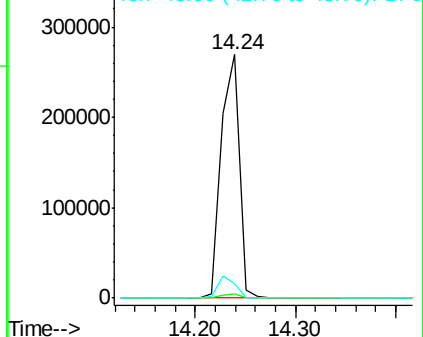
43 8.6 7.3 10.9

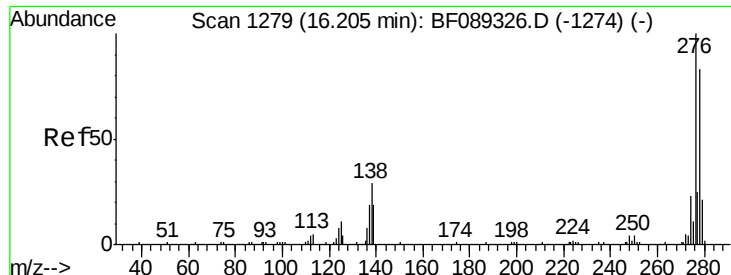


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

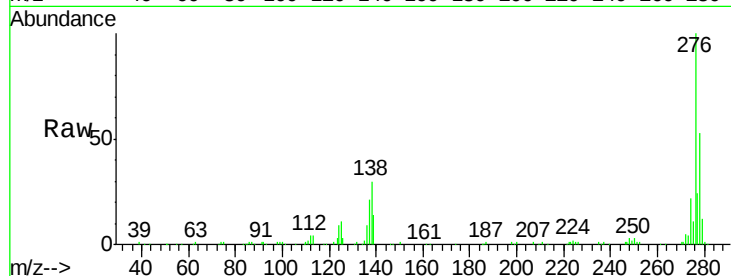




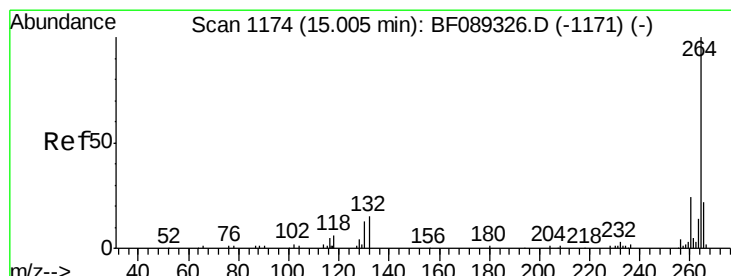
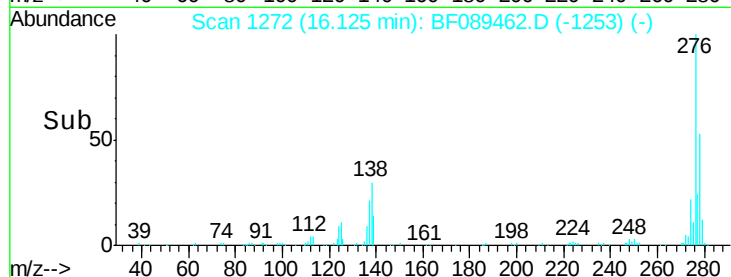
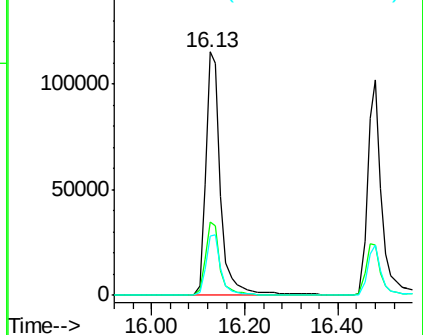
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 69.94 ng
 RT: 16.13 min Scan# 1272
 Delta R.T. -0.08 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 260167
 Ion Ratio Lower Upper
 276 100
 138 29.7 23.0 34.4
 277 25.3 20.2 30.4

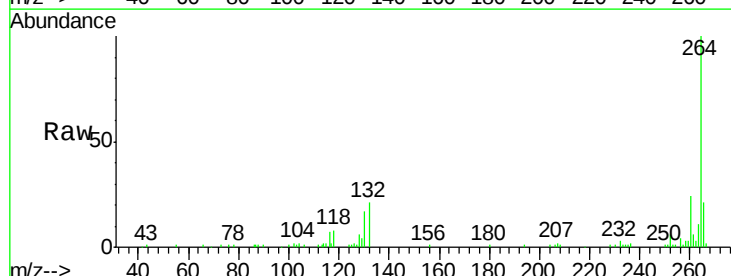


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

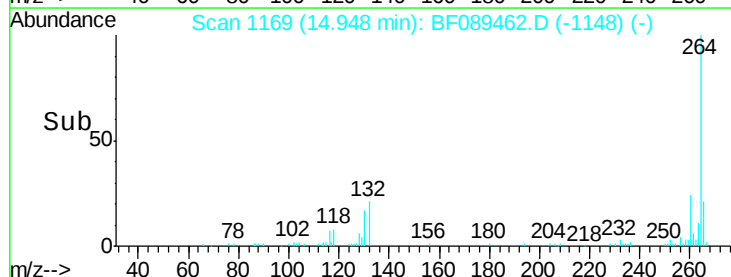
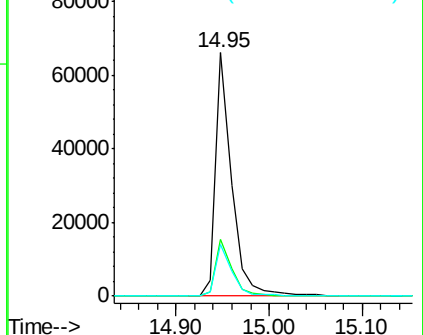


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF089462.D
 Acq: 30 Jul 2016 19:46

Tgt Ion:264 Resp: 79617
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.4 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: 86.05 ng

RT: 14.63 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampled :

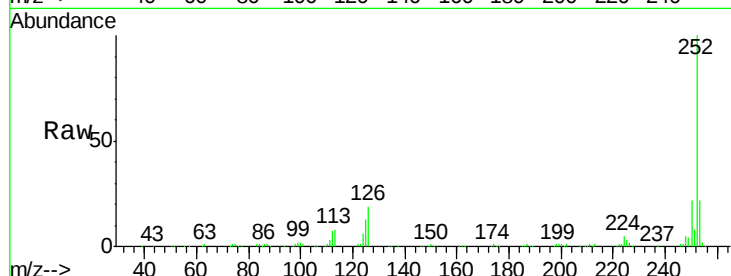
Tot Ion:252 Resp: 425483

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

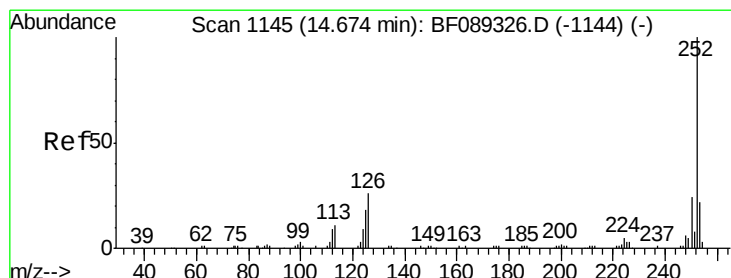
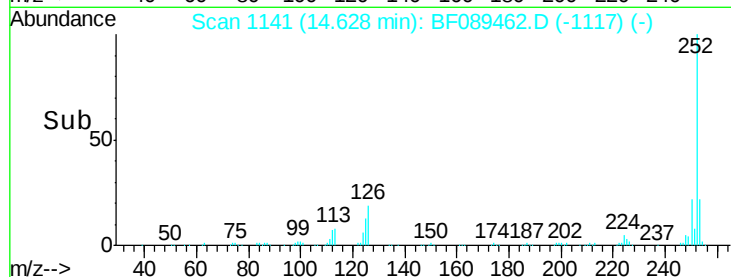
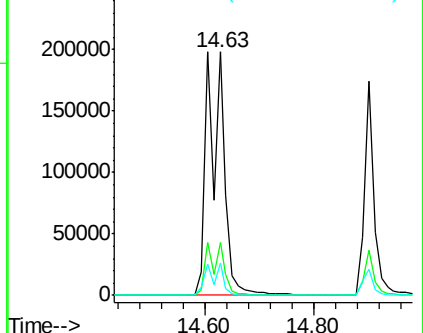
125 13.4 9.7 14.5



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: 93.66 ng

RT: 14.63 min Scan# 1141

Delta R.T. -0.05 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

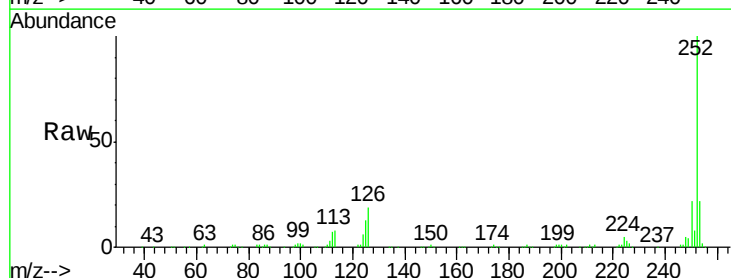
Tgt Ion:252 Resp: 425750

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

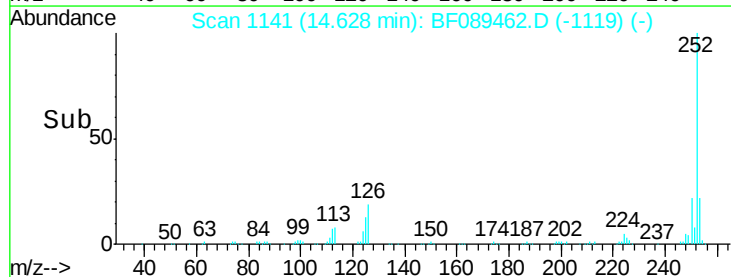
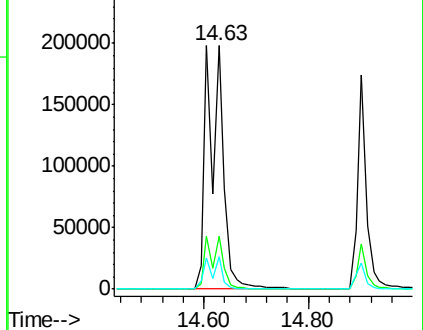
125 13.4 10.7 16.1

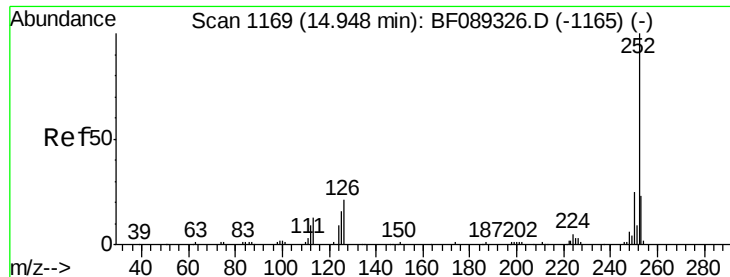


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.77 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

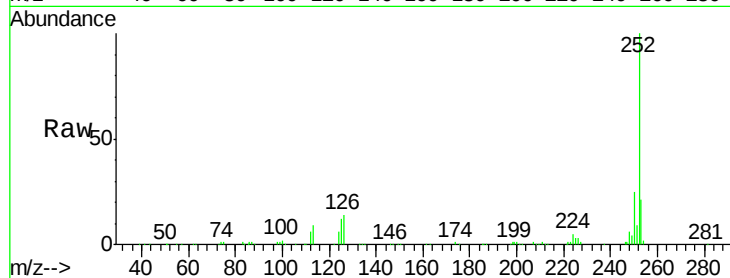
Tot Ion:252 Resp: 207433

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

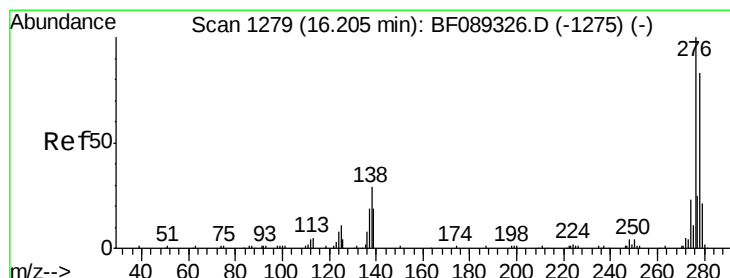
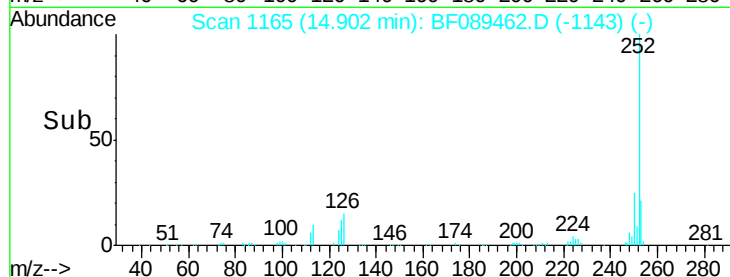
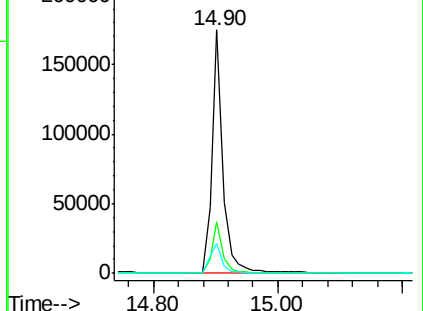
125 12.0 12.4 18.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 63.45 ng

RT: 16.14 min Scan# 1273

Delta R.T. -0.07 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

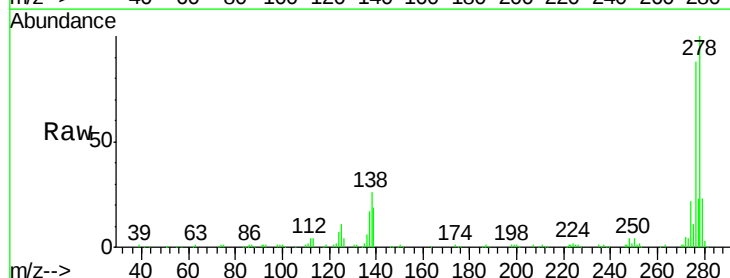
Tgt Ion:278 Resp: 221691

Ion Ratio Lower Upper

278 100

139 19.2 16.3 24.5

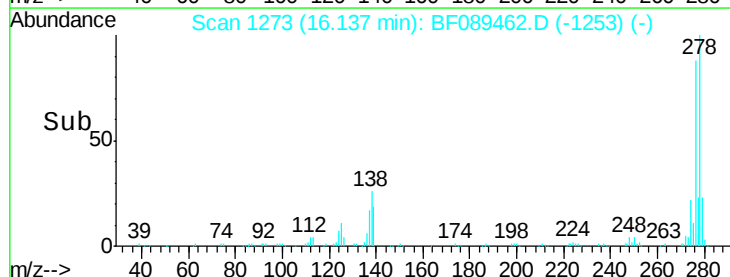
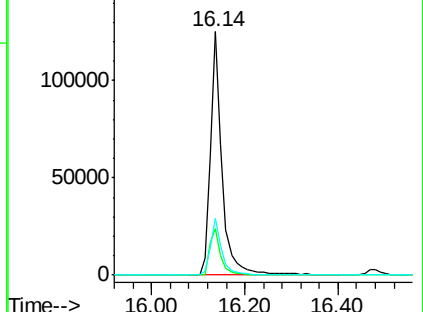
279 23.3 19.1 28.7

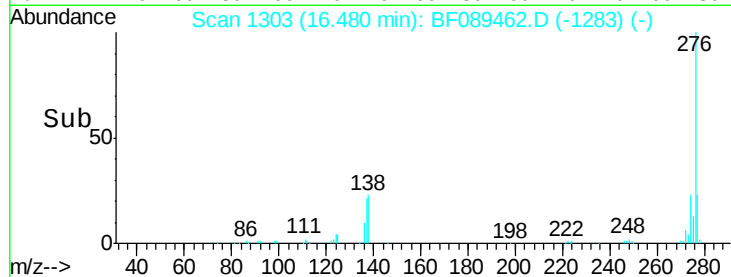
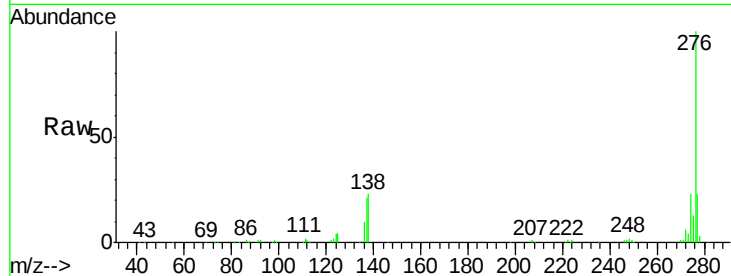
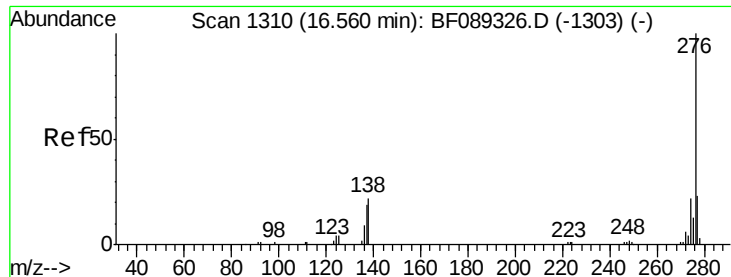


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 63.92 ng

RT: 16.48 min Scan# 1303

Delta R.T. -0.07 min

Lab File: BF089462.D

Acq: 30 Jul 2016 19:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 219533

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 23.3 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

