

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094731.D
 Acq On : 30 Apr 2017 22:47
 Operator : SJ/MA
 Sample : I2902-10MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:24:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	114004	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	463356	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	214843	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	361263	20.00	ng	0.00
75) Chrysene-d12	14.47	240	229758	20.00	ng	0.00
86) Perylene-d12	16.09	264	212788	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	232539	33.84	ng	0.03
7) Phenol-d6	5.41	99	230428	28.44	ng	0.01
23) Nitrobenzene-d5	6.42	82	616176	82.11	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	89831	53.46	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1176752	80.59	ng	0.00
78) Terphenyl-d14	13.19	244	901586	104.89	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	63518	15.89	ng	95
3) Pyridine	2.67	79	166785	19.10	ng	99
4) n-Nitrosodimethylamine	2.63	42	79568	22.02	ng	84
6) Aniline	5.40	93	253220	23.52	ng	97
8) 2-Chlorophenol	5.54	128	125204	16.01	ng	99
9) Benzaldehyde	5.27	77	90046	14.61	ng	96
10) Phenol	5.42	94	74533	7.49	ng	97
11) bis(2-Chloroethyl)ether	5.48	93	287013	39.48	ng	96
12) 1,3-Dichlorobenzene	5.70	146	315873	36.46	ng	99
13) 1,4-Dichlorobenzene	5.79	146	322890	37.05	ng	98
14) 1,2-Dichlorobenzene	5.96	146	302518	37.68	ng	98
15) Benzyl Alcohol	5.95	79	210700	35.06	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	384007	40.29	ng	89
17) 2-Methylphenol	6.11	107	118176	19.19	ng	93
18) Hexachloroethane	6.35	117	110467	36.97	ng	90
19) n-Nitroso-di-n-propylamine	6.25	70	230834	43.00	ng	95
20) 3+4-Methylphenols	6.30	107	86123	10.29	ng	# 59
22) Acetophenone	6.24	105	450816	40.01	ng	# 85
24) Nitrobenzene	6.44	77	320841	40.60	ng	94
25) Isophorone	6.72	82	581456	41.80	ng	97
26) 2-Nitrophenol	6.81	139	72703	17.13	ng	97
27) 2,4-Dimethylphenol	6.90	122	103299	14.98	ng	96
28) bis(2-Chloroethoxy)methane	6.99	93	374174	41.58	ng	99
29) 2,4-Dichlorophenol	7.14	162	20309	3.17	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	266825	40.23	ng	99
31) Naphthalene	7.29	128	1081894	48.57	ng	100
32) Benzoic acid	7.04	122	119857	32.87	ng	# 11
33) 4-Chloroaniline	7.37	127	231463	24.98	ng	93
34) Hexachlorobutadiene	7.44	225	133049	40.24	ng	98
35) Caprolactam	7.95	113	1481607	735.17	ng	87
36) 4-Chloro-3-methylphenol	8.05	107	147161	21.89	ng	91
37) 2-Methylnaphthalene	8.13	142	797033	52.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	254387	41.58	ng	99
40) Hexachlorocyclopentadiene	8.32	237	97455	39.38	ng	99

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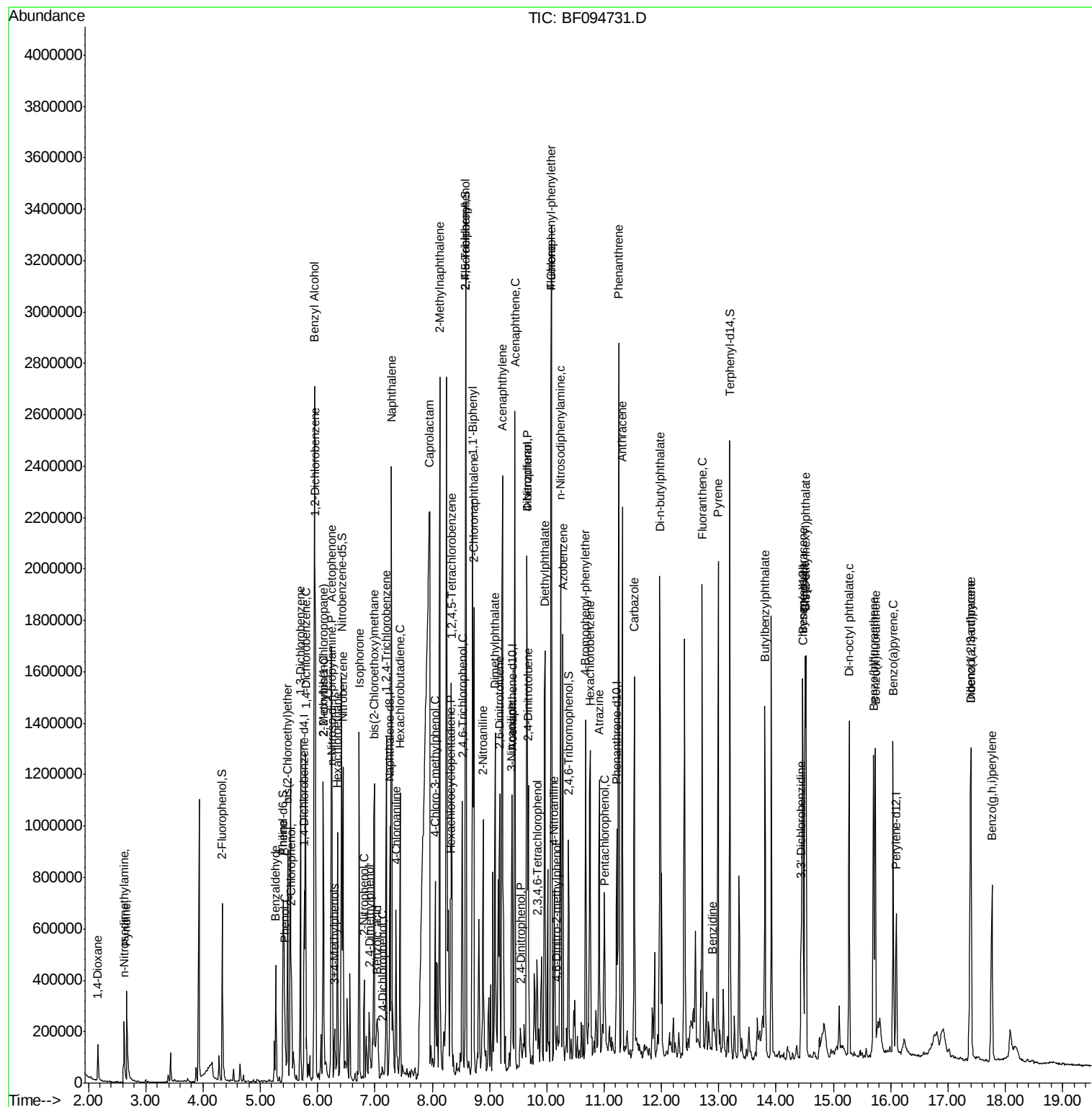
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.53	196	71665	16.68	nq	97
43) 2,4,5-Trichlorophenol	8.59	196	66280	15.02	nq	96
45) 1,1'-Biphenyl	8.70	154	737088	41.99	nq	98
46) 2-Chloronaphthalene	8.72	162	587978	42.13	nq	96
47) 2-Nitroaniline	8.88	65	161663	40.26	nq	# 83
48) Acenaphthylene	9.22	152	1081562	49.71	nq	99
49) Dimethylphthalate	9.10	163	709767	44.33	nq	100
50) 2,6-Dinitrotoluene	9.18	165	159043	44.26	nq	96
51) Acenaphthene	9.44	154	635865	48.79	nq	99
52) 3-Nitroaniline	9.38	138	122694	29.51	nq	91
53) 2,4-Dinitrophenol	9.54	184	6382	8.80	nq	# 6
54) Dibenzofuran	9.65	168	847620	44.75	nq	100
55) 4-Nitrophenol	9.65	139	352699	120.07	nq	# 27
56) 2,4-Dinitrotoluene	9.68	165	204996	46.49	nq	# 95
57) Fluorene	10.08	166	675279	45.78	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.83	232	48230	15.25	nq	# 73
59) Diethylphthalate	9.97	149	670219	44.36	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	265840	43.31	nq	89
61) 4-Nitroaniline	10.13	138	121498	28.74	nq	95
62) Azobenzene	10.28	77	621096	42.34	nq	92
64) 4,6-Dinitro-2-methylphenol	10.18	198	10167	4.30	nq	93
65) n-Nitrosodiphenylamine	10.24	169	565373	45.00	nq	98
66) 4-Bromophenyl-phenylether	10.68	248	167653	46.74	nq	99
67) Hexachlorobenzene	10.75	284	168484	46.61	nq	# 88
68) Atrazine	10.91	200	171793	45.71	nq	97
69) Pentachlorophenol	11.01	266	37126	25.86	nq	97
70) Phenanthrene	11.25	178	1248386	61.36	nq	99
71) Anthracene	11.32	178	967258	45.96	nq	98
72) Carbazole	11.52	167	763429	38.65	nq	98
73) Di-n-butylphthalate	11.97	149	1017336	46.78	nq	99
74) Fluoranthene	12.71	202	868570	41.19	nq	99
76) Benzidine	12.89	184	120591	12.96	nq	# 93
77) Pyrene	12.99	202	882742	54.99	nq	99
79) Butylbenzylphthalate	13.81	149	356096	50.62	nq	88
80) Benzo(a)anthracene	14.46	228	600303	44.95	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	124206	26.27	nq	# 97
82) Chrysene	14.51	228	537665	44.05	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	517496	54.79	nq	99
84) Di-n-octyl phthalate	15.27	149	784709	49.53	nq	97
85) Indeno(1,2,3-cd)pyrene	17.39	276	583731	50.27	nq	98
87) Benzo(b)fluoranthene	15.70	252	559321	42.97	nq	99
88) Benzo(k)fluoranthene	15.73	252	504564	40.96	nq	# 95
89) Benzo(a)pyrene	16.04	252	525296	43.38	nq	99
90) Dibenzo(a,h)anthracene	17.40	278	475610	47.30	nq	97
91) Benzo(g,h,i)perylene	17.77	276	488278	47.70	nq	97

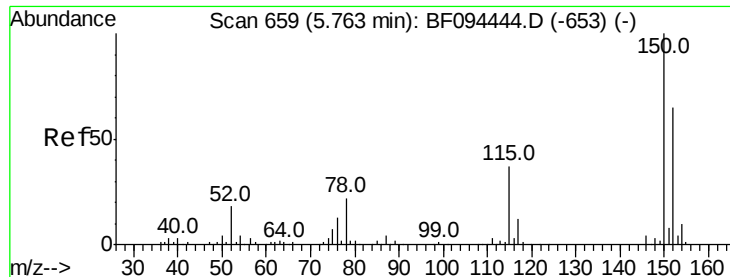
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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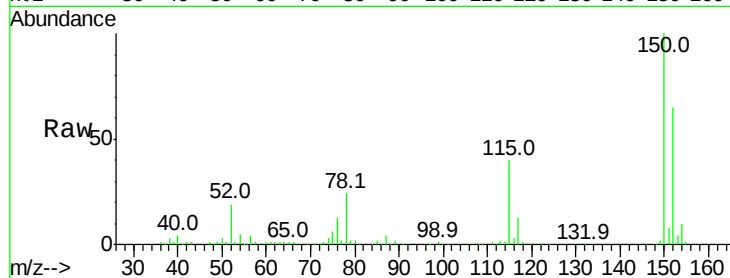


#1

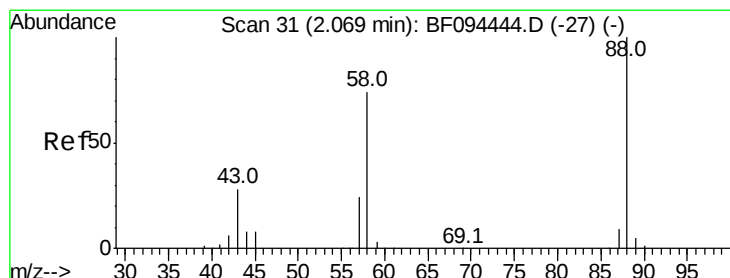
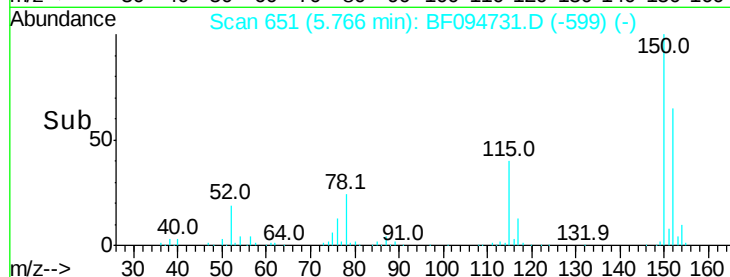
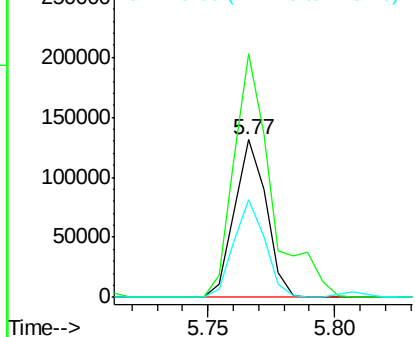
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114004
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 62.1 52.2 78.2



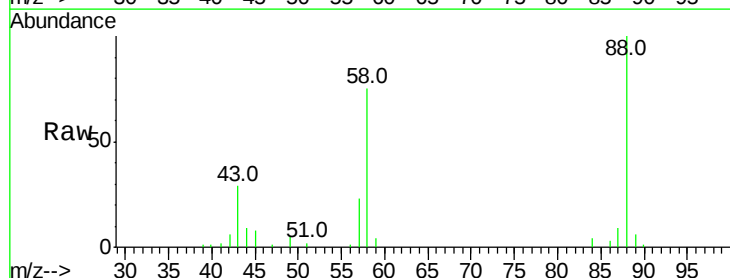
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



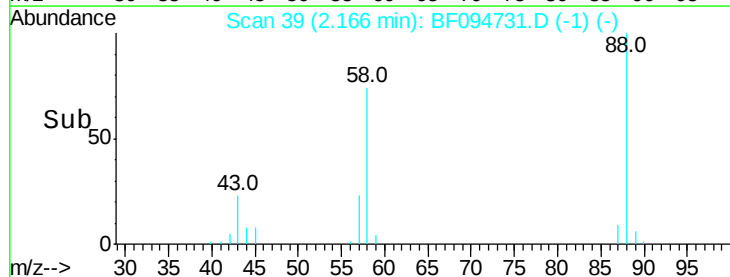
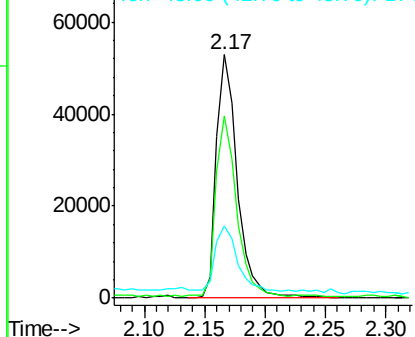
#2

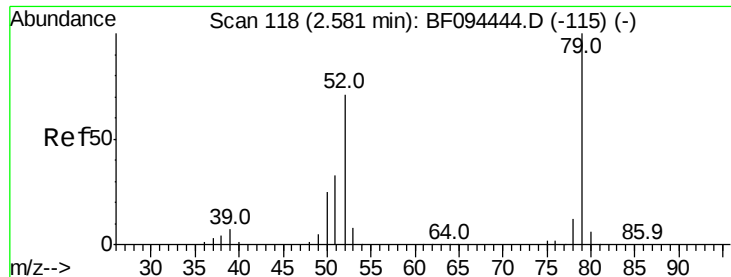
1,4-Dioxane
Concen: 15.89 ng
RT: 2.17 min Scan# 39
Delta R.T. 0.10 min
Lab File: BF094731.D
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Tgt Ion: 88 Resp: 63518
Ion Ratio Lower Upper
88 100
58 71.1 61.4 92.0
43 29.2 23.4 35.0



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: 19.10 ng

RT: 2.67 min Scan# 124

Delta R.T. 0.09 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

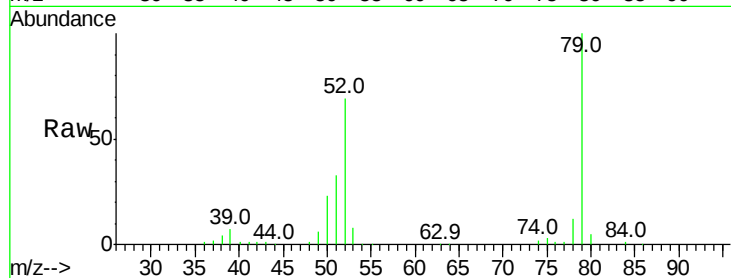
Tot Ion: 79 Resp: 166785

Ion Ratio Lower Upper

79 100

52 68.9 54.8 82.2

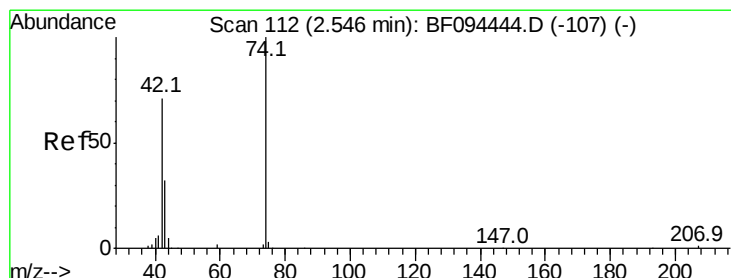
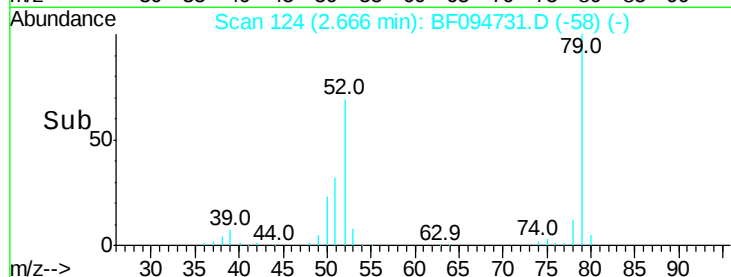
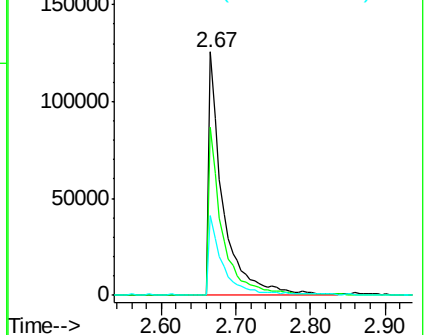
51 33.0 27.0 40.4



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: 22.02 ng

RT: 2.63 min Scan# 117

Delta R.T. 0.08 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

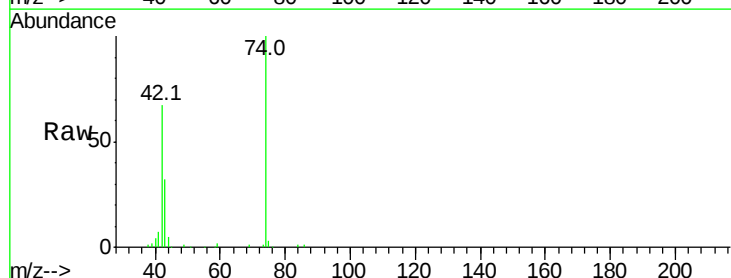
Tgt Ion: 42 Resp: 79568

Ion Ratio Lower Upper

42 100

74 149.4 103.9 155.9

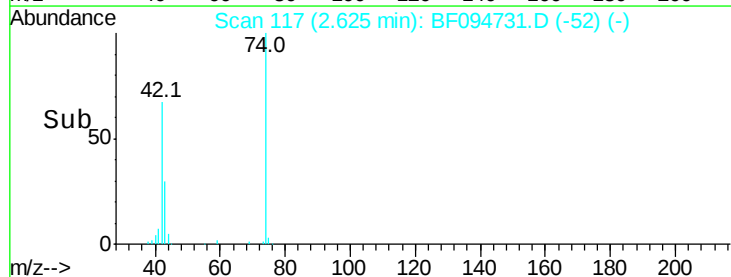
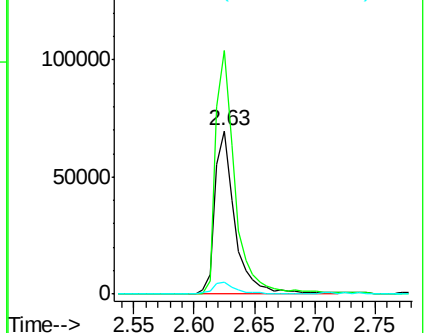
44 7.4 5.7 8.5



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: 33.84 ng

RT: 4.34 min Scan# 408

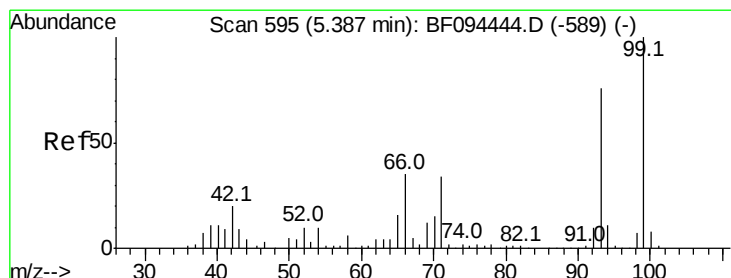
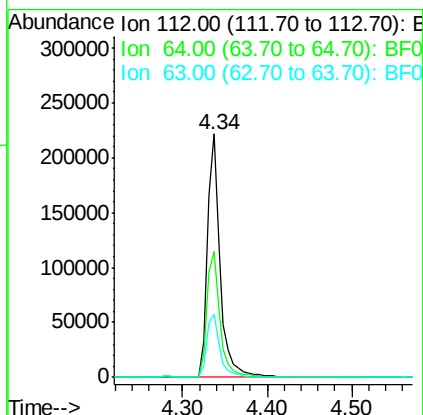
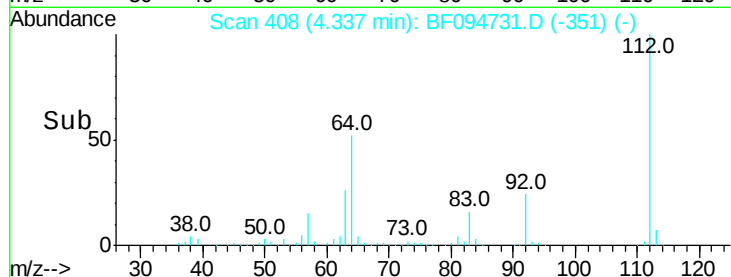
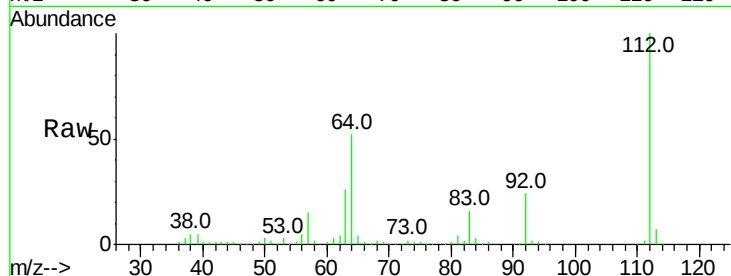
Delta R.T. 0.03 min

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Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	232539
Ion	Ratio	Lower	Upper
112	100		
64	51.6	46.0	69.0
63	26.0	23.4	35.0



#6

Aniline

Concen: 23.52 ng

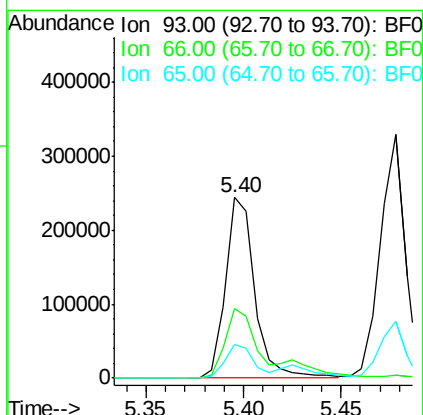
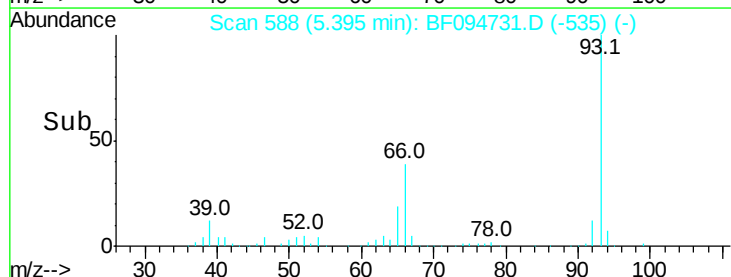
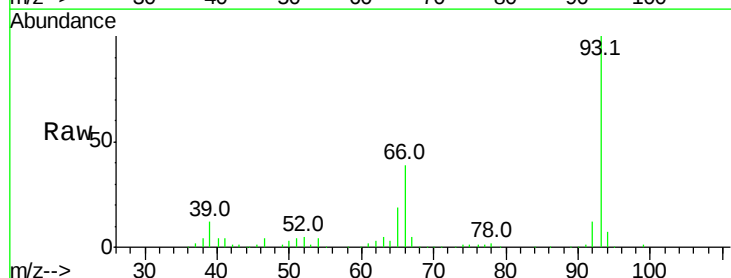
RT: 5.40 min Scan# 588

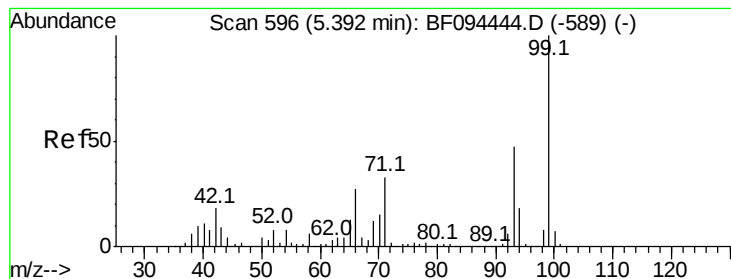
Delta R.T. 0.01 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Tgt Ion:	93	Resp:	253220
Ion	Ratio	Lower	Upper
93	100		
66	38.7	32.9	49.3
65	18.9	16.0	24.0





#7

Phenol-d6

Concen: 28.44 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

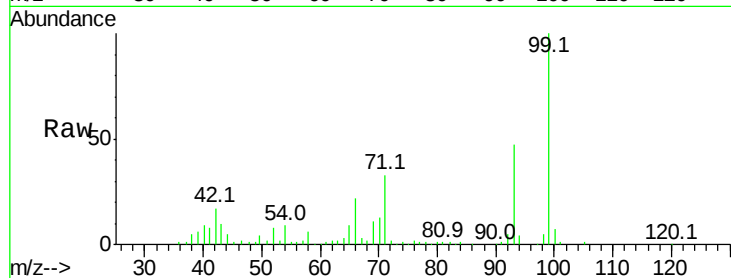
Tot Ion: 99 Resp: 230428

Ion Ratio Lower Upper

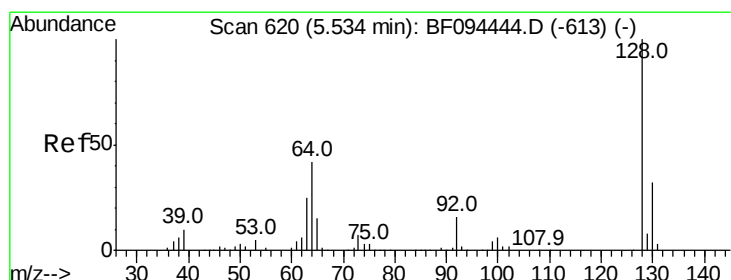
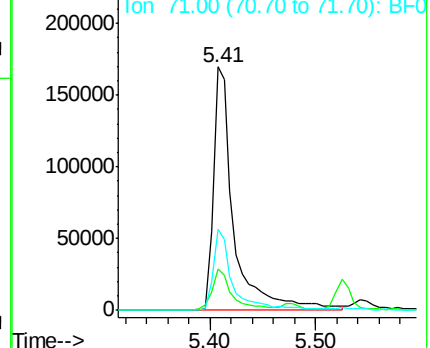
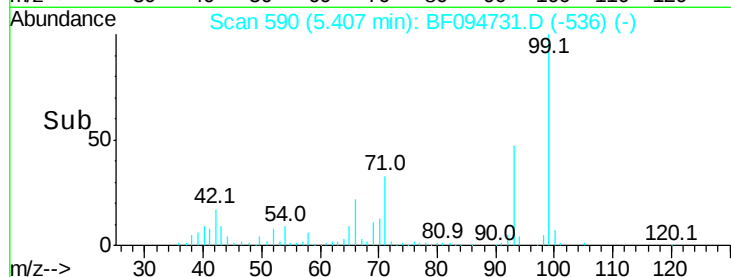
99 100

42 17.0 13.5 20.3

71 33.1 24.5 36.7



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: 16.01 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

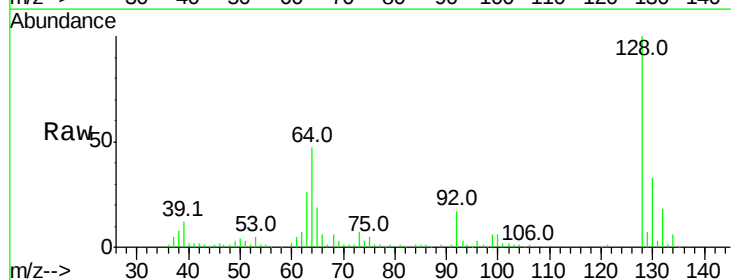
Tgt Ion:128 Resp: 125204

Ion Ratio Lower Upper

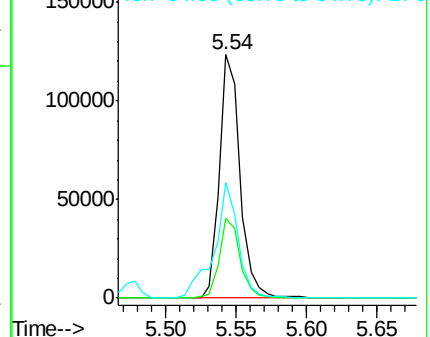
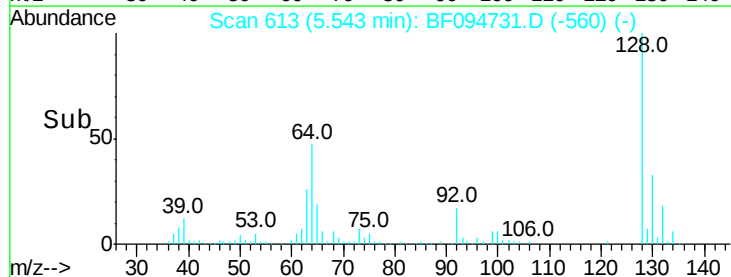
128 100

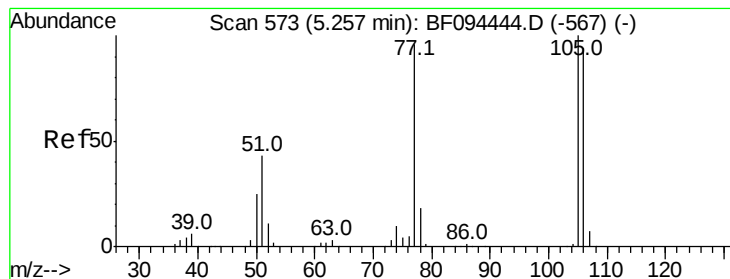
130 32.7 12.9 52.9

64 47.3 28.4 68.4



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: 14.61 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

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Instrument :

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ClientSampled :

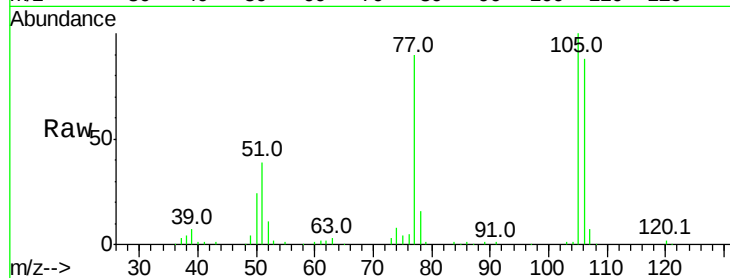
Tot Ion: 77 Resp: 90046

Ion Ratio Lower Upper

77 100

105 111.6 83.8 123.8

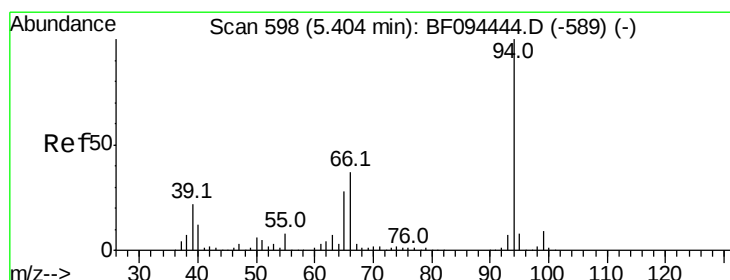
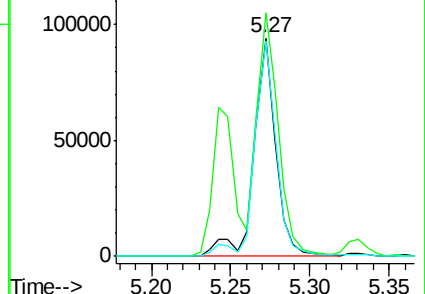
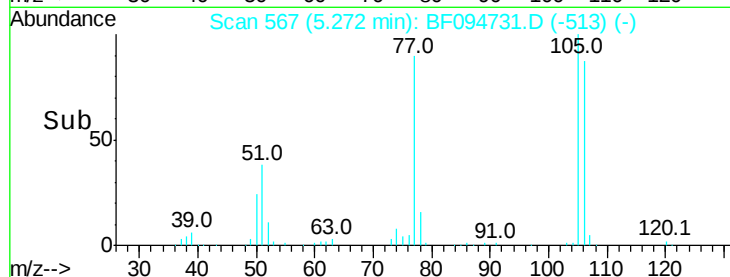
106 98.5 79.1 119.1



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: 7.49 ng

RT: 5.42 min Scan# 593

Delta R.T. 0.02 min

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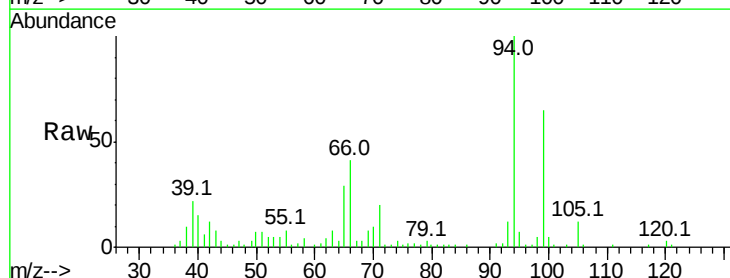
Tgt Ion: 94 Resp: 74533

Ion Ratio Lower Upper

94 100

65 28.8 9.9 49.9

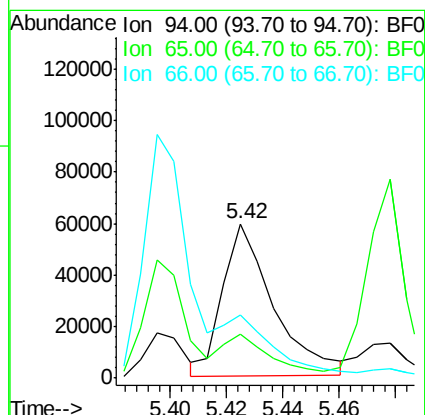
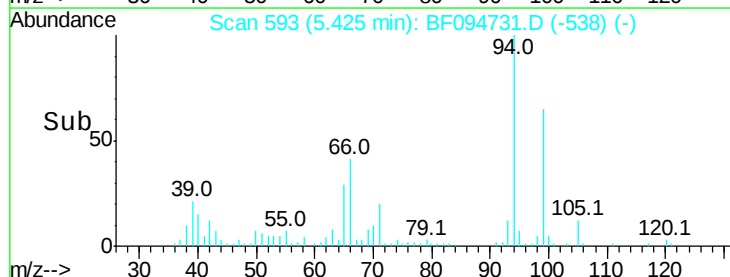
66 41.1 23.1 63.1

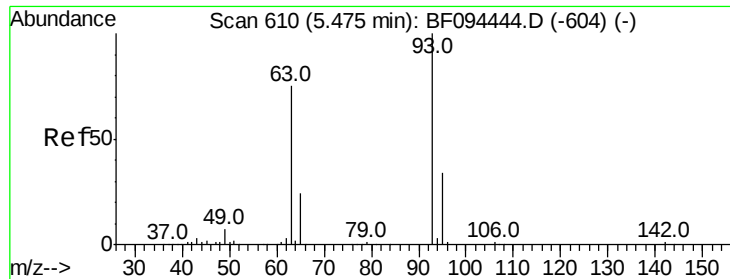


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



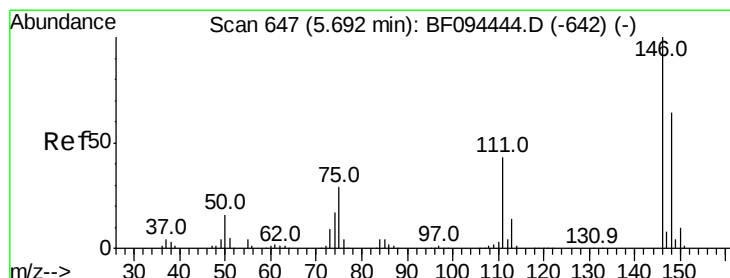
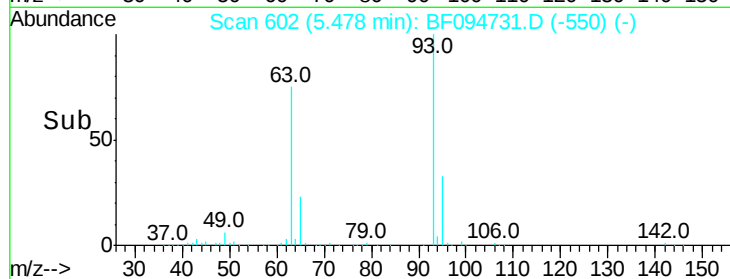
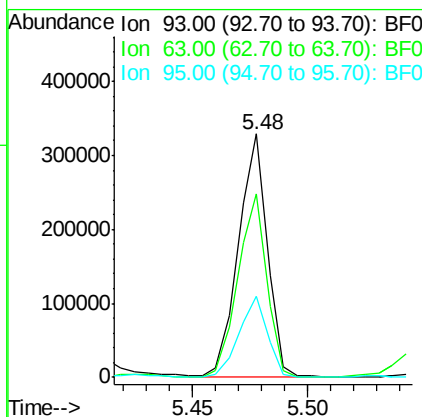
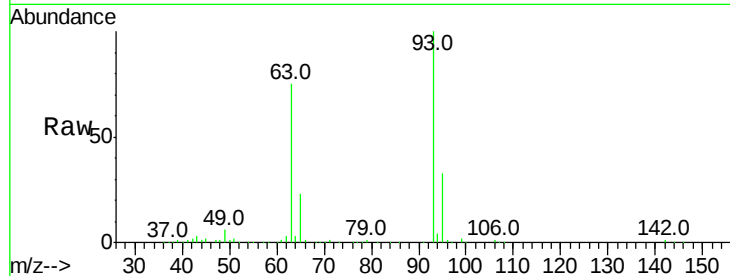


#11
 bis(2-Chloroethyl)ether
 Concen: 39.48 ng
 RT: 5.48 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 287013

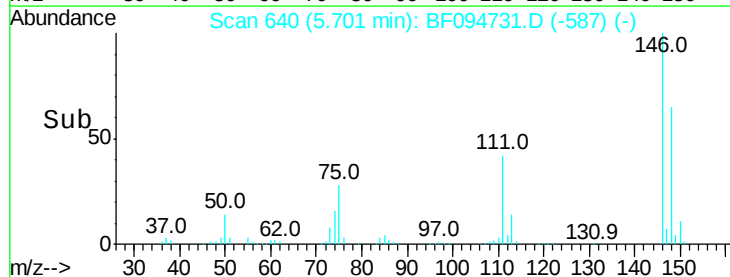
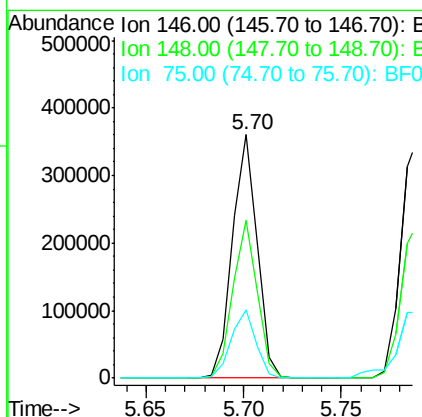
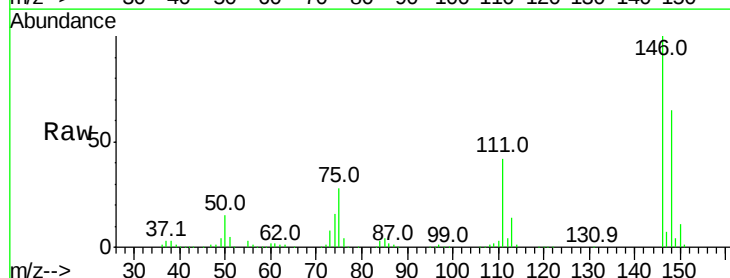
Ion	Ratio	Lower	Upper
93	100		
63	75.2	59.2	99.2
95	33.5	12.8	52.8

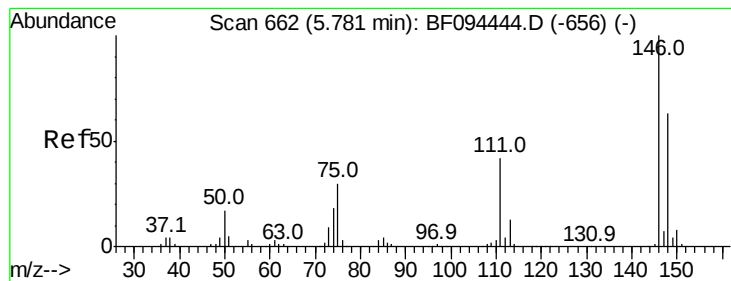


#12
 1,3-Dichlorobenzene
 Concen: 36.46 ng
 RT: 5.70 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Tgt Ion: 146 Resp: 315873

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
75	28.1	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 37.05 ng

RT: 5.79 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

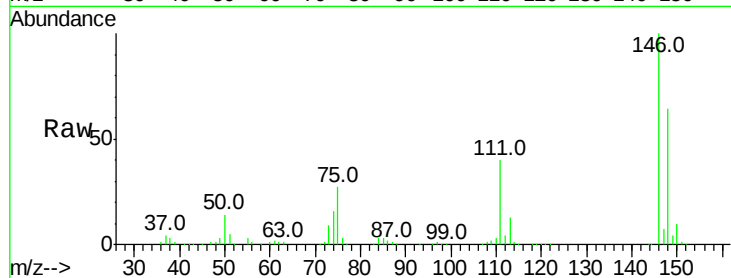
Tot Ion:146 Resp: 322890

Ion Ratio Lower Upper

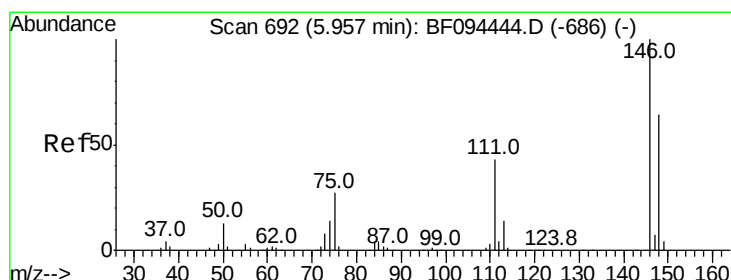
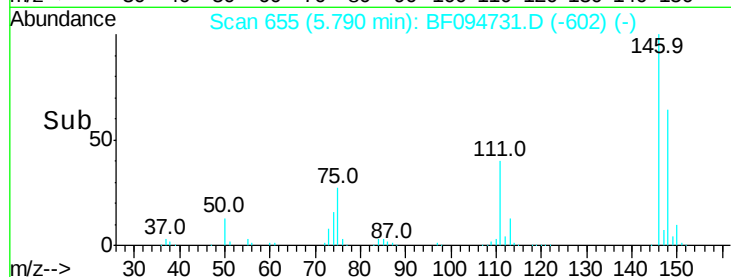
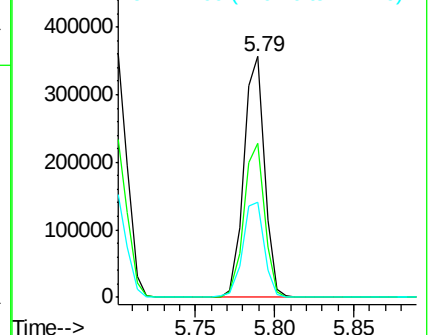
146 100

148 64.0 52.2 78.2

111 39.8 30.3 45.5



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: 37.68 ng

RT: 5.96 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

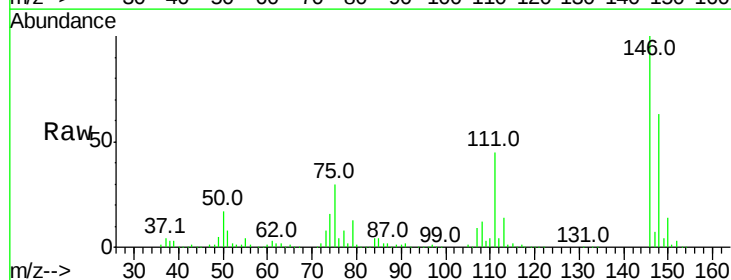
Tgt Ion:146 Resp: 302518

Ion Ratio Lower Upper

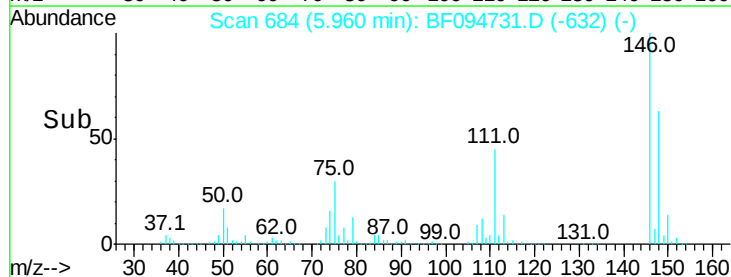
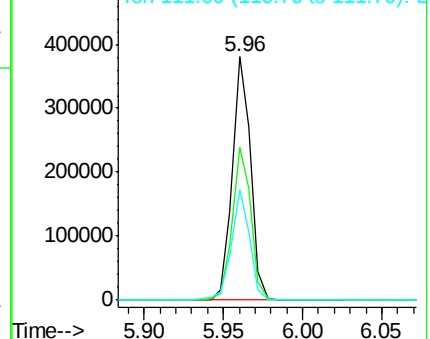
146 100

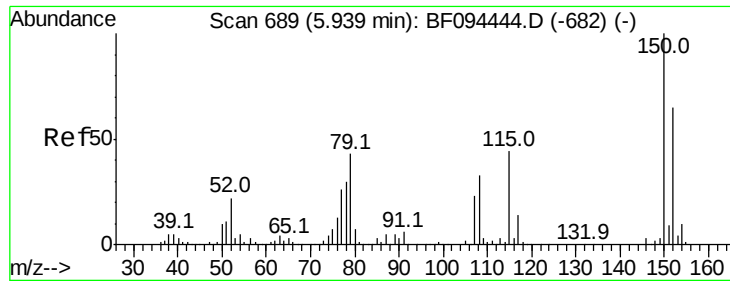
148 63.0 50.4 75.6

111 45.2 38.2 57.4



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

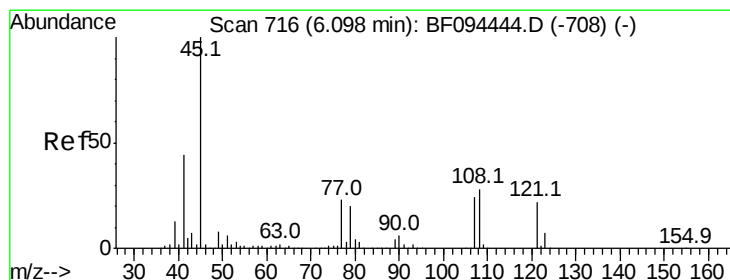
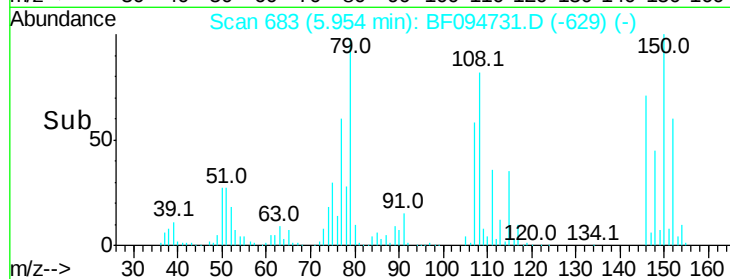
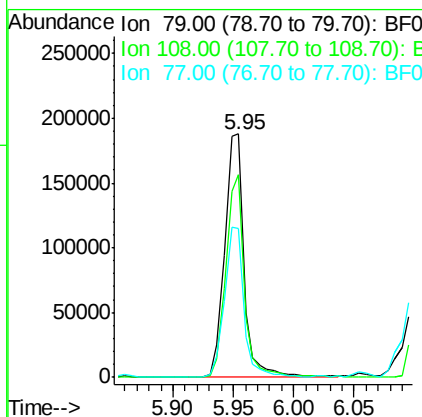
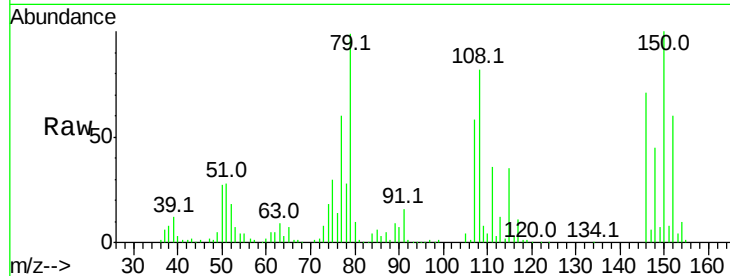




#15
Benzyl Alcohol
Concen: 35.06 ng
RT: 5.95 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

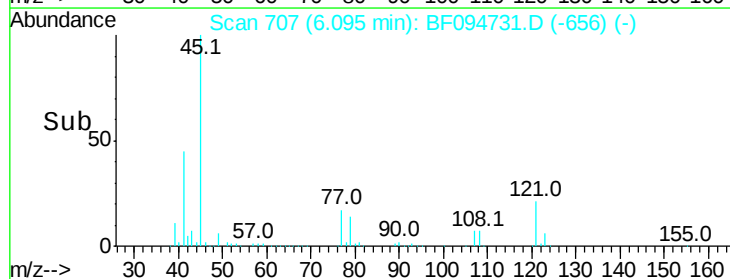
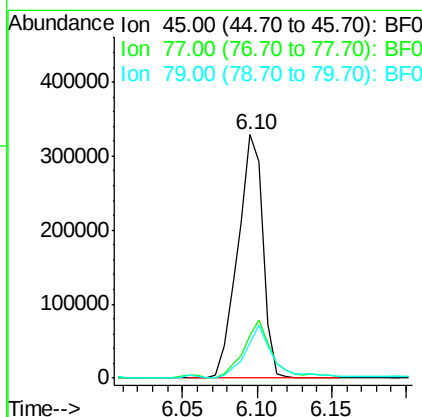
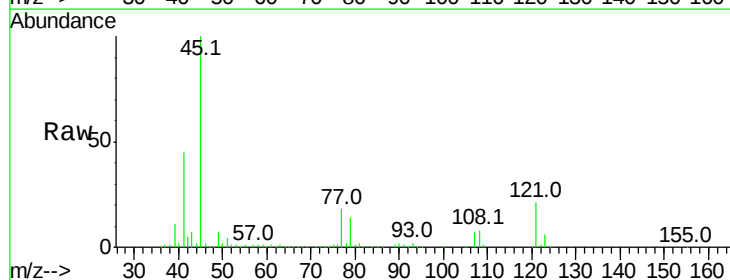
Instrument :
BNA_F
ClientSampled :

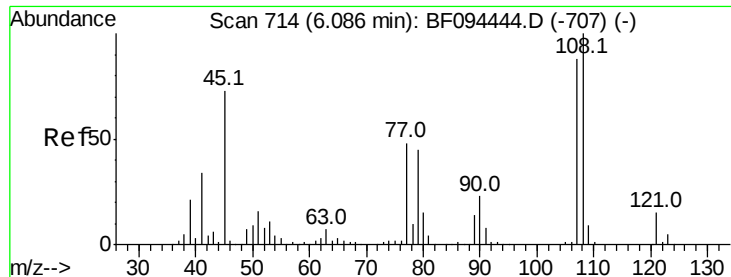
Tot Ion: 79 Resp: 210700
Ion Ratio Lower Upper
79 100
108 83.2 63.4 95.0
77 60.9 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.29 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Tgt Ion: 45 Resp: 384007
Ion Ratio Lower Upper
45 100
77 17.6 0.0 33.2
79 14.2 0.0 30.0

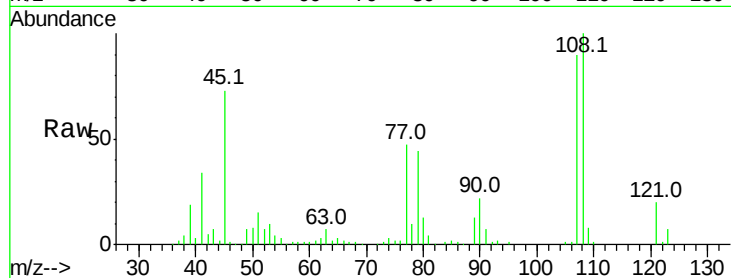




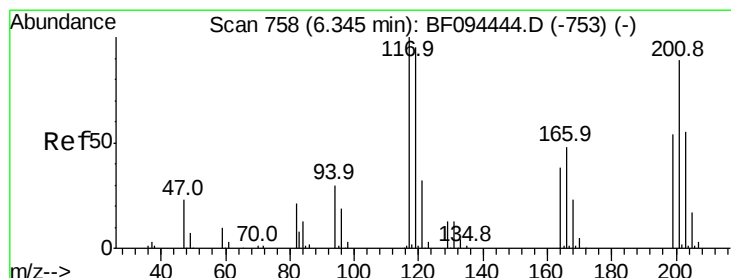
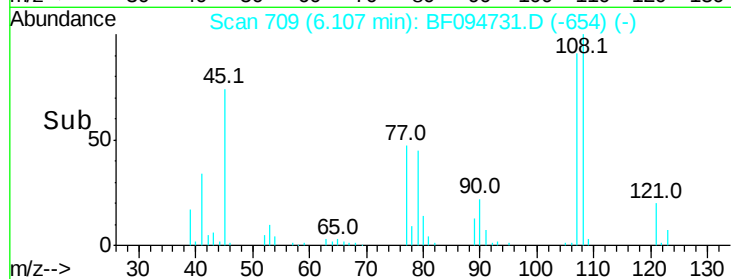
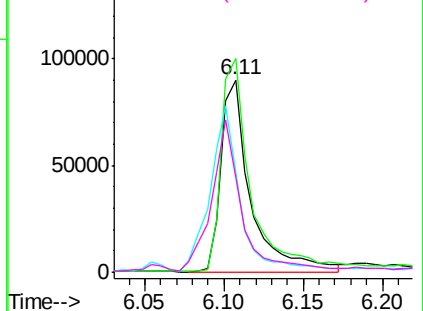
#17
2-Methylphenol
Concen: 19.19 ng
RT: 6.11 min Scan# 709
Delta R.T. 0.02 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 118176
Ion Ratio Lower Upper
107 100
108 111.2 93.4 140.0
77 52.2 35.8 53.6
79 49.4 34.8 52.2

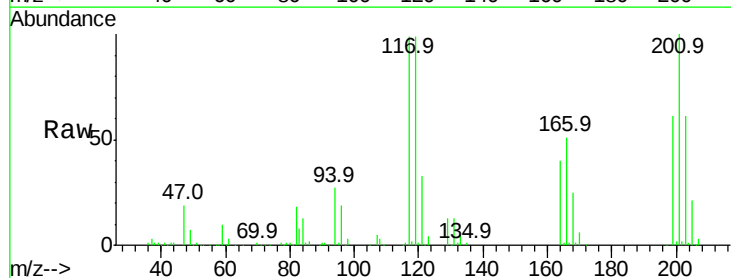


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

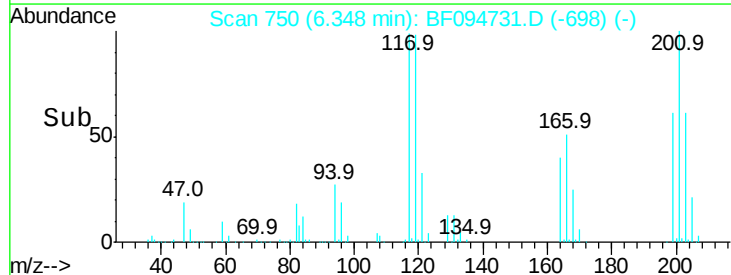
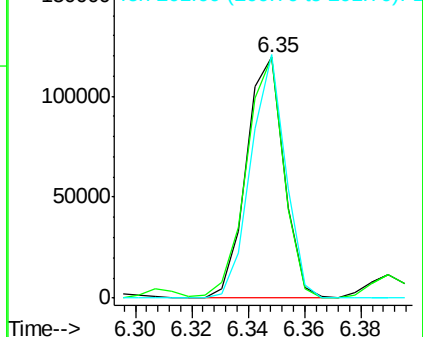


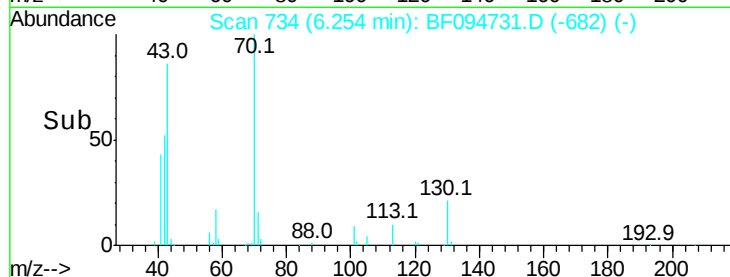
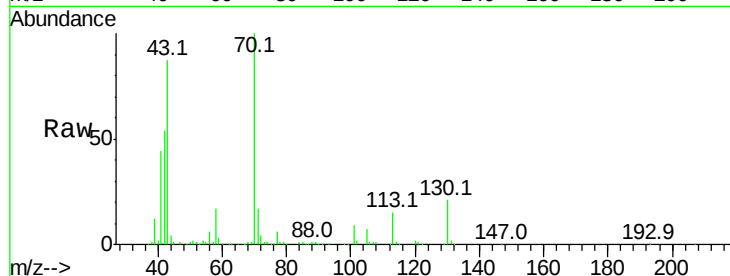
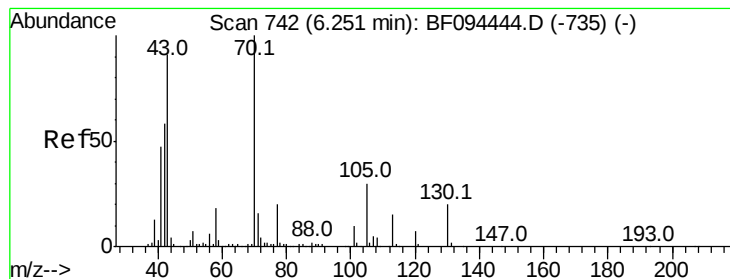
#18
Hexachloroethane
Concen: 36.97 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Tgt Ion:117 Resp: 110467
Ion Ratio Lower Upper
117 100
119 100.0 77.4 116.0
201 101.1 94.6 141.8



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: 43.00 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 230834

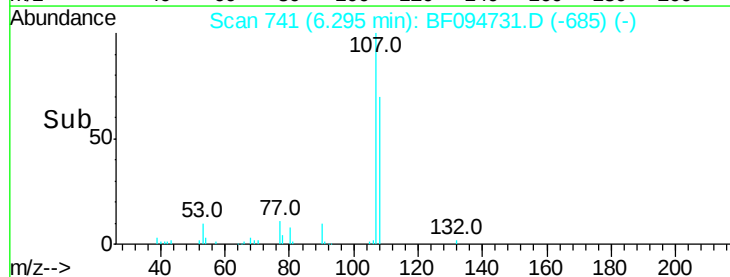
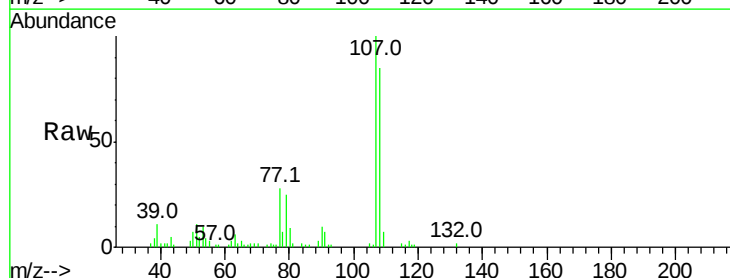
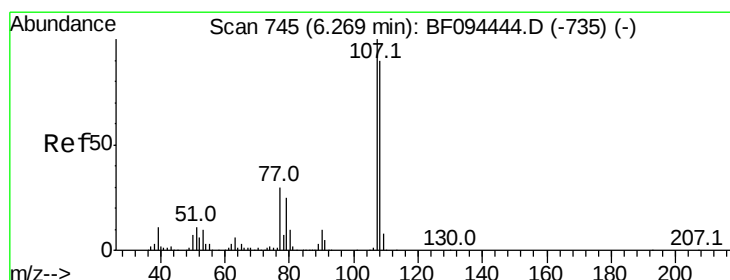
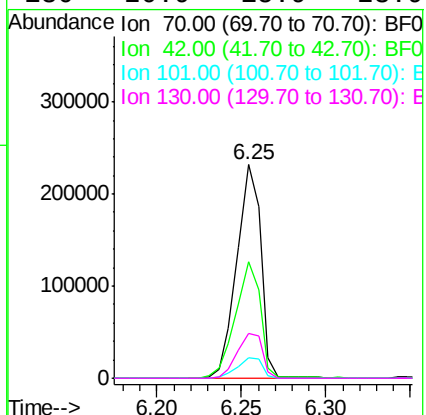
Ion Ratio Lower Upper

70 100

42 54.3 47.2 70.8

101 9.5 7.2 10.8

130 20.9 15.9 23.9



#20

3+4-Methylphenols

Concen: 10.29 ng

RT: 6.30 min Scan# 741

Delta R.T. 0.03 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Tgt Ion:107 Resp: 86123

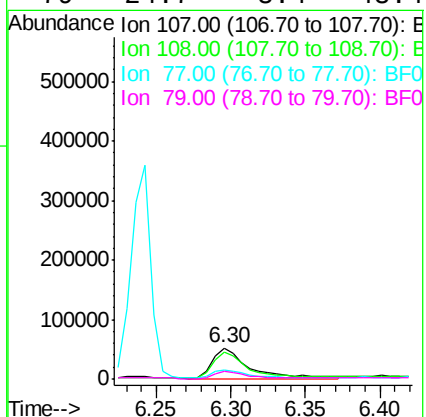
Ion Ratio Lower Upper

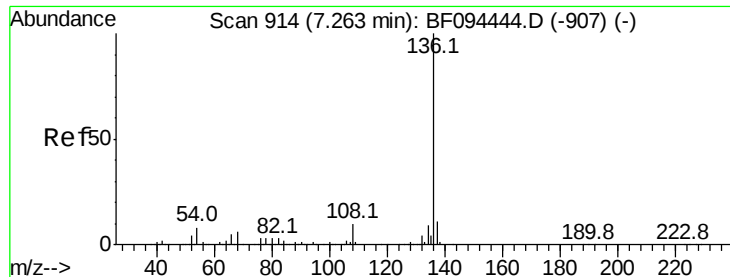
107 100

108 84.6 71.0 111.0

77 28.2 90.5 130.5#

79 24.7 8.4 48.4

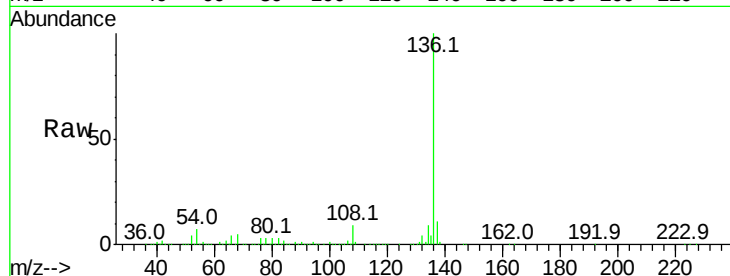




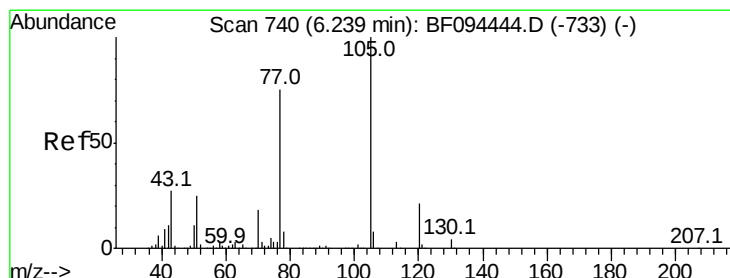
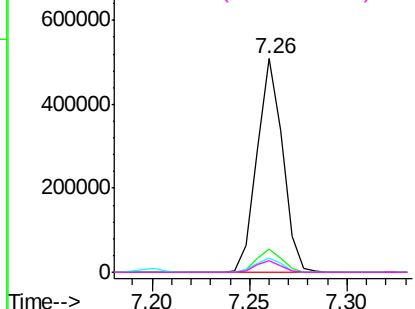
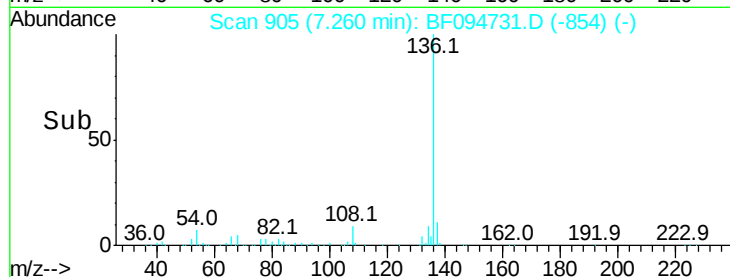
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	463356
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	6.5	4.9 7.3
68	5.3	4.1 6.1

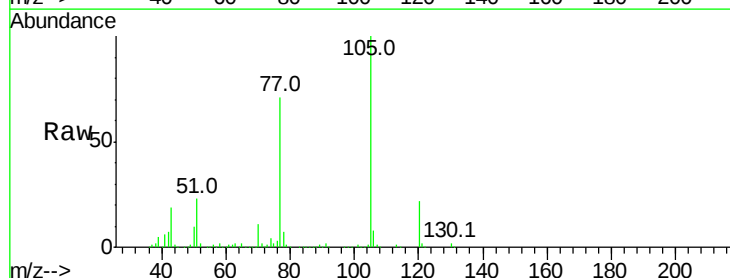


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

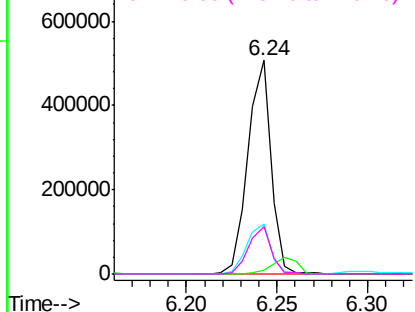
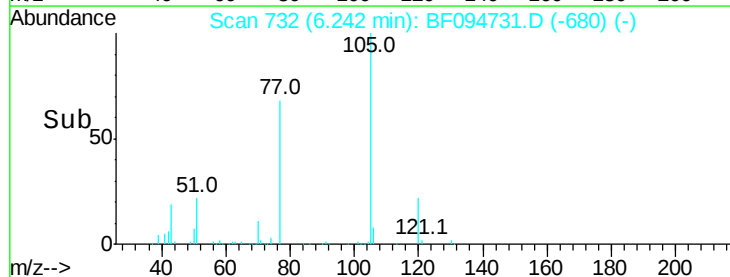


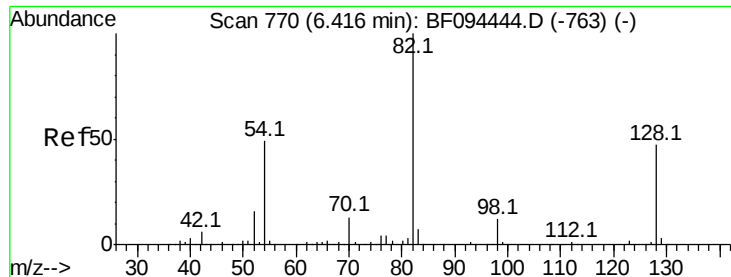
#22
Acetophenone
Concen: 40.01 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Tgt Ion:105	Resp:	450816
Ion Ratio	Lower	Upper
105	100	
71	1.8	2.8 4.2#
51	23.3	30.7 46.1#
120	21.9	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

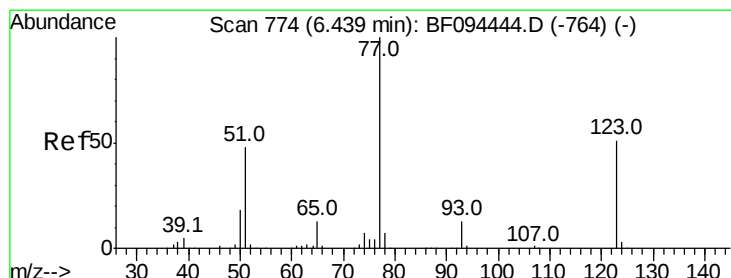
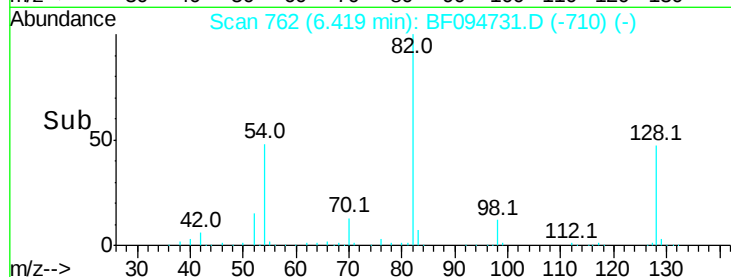
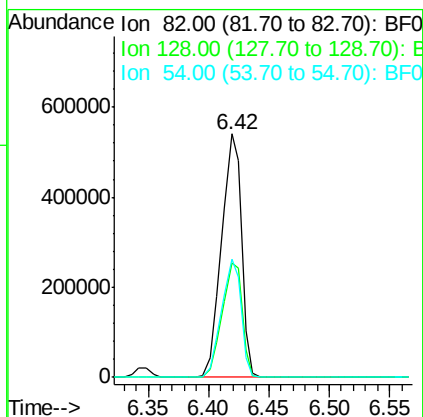
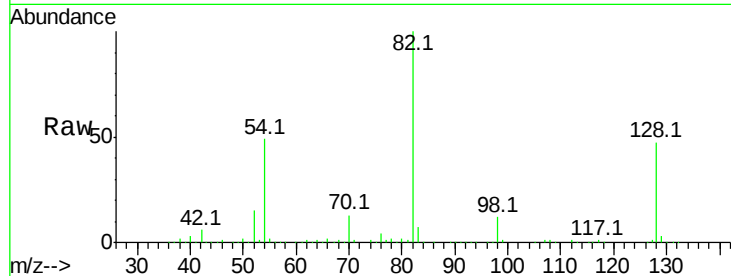




#23
 Nitrobenzene-d5
 Concen: 82.11 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

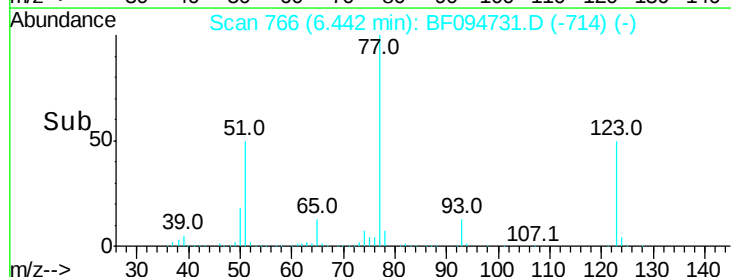
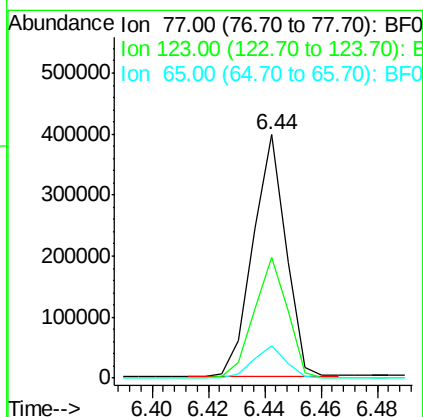
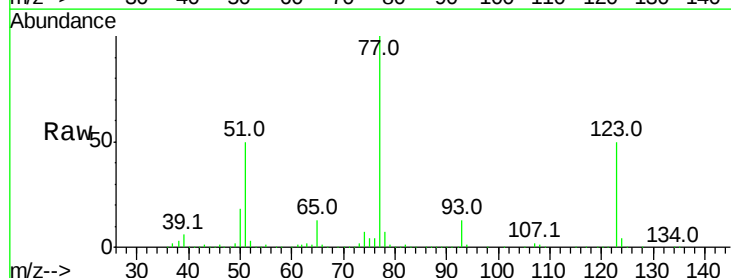
Instrument :
 BNA_F
 ClientSampleId :

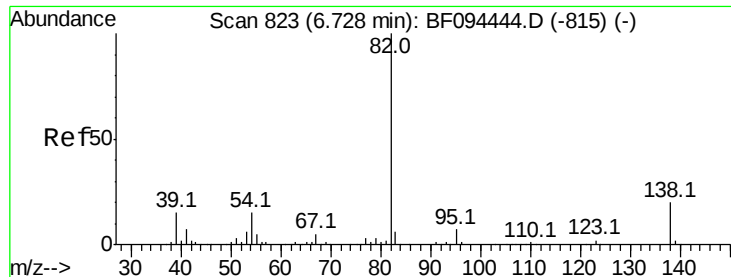
Tot Ion: 82 Resp: 616176
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 48.8 42.2 63.2



#24
 Nitrobenzene
 Concen: 40.60 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Tgt Ion: 77 Resp: 320841
 Ion Ratio Lower Upper
 77 100
 123 49.8 35.8 53.8
 65 13.3 10.6 15.8





#25

Isophorone

Concen: 41.80 ng

RT: 6.72 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

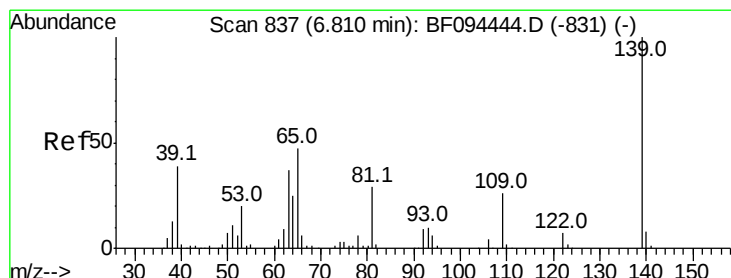
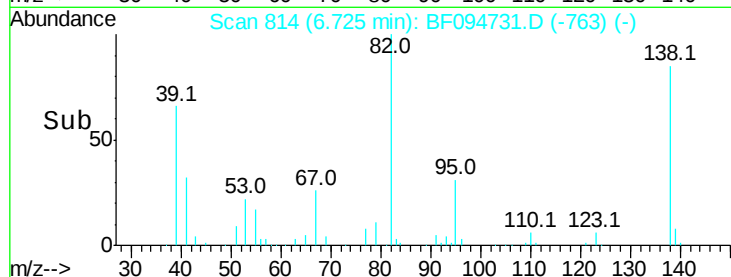
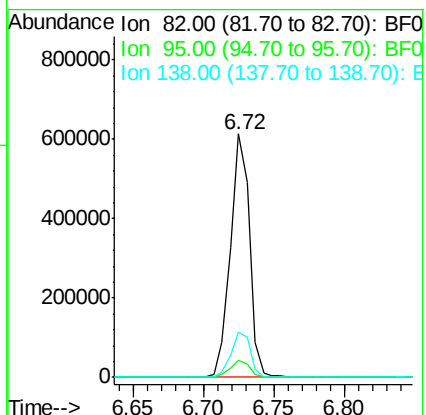
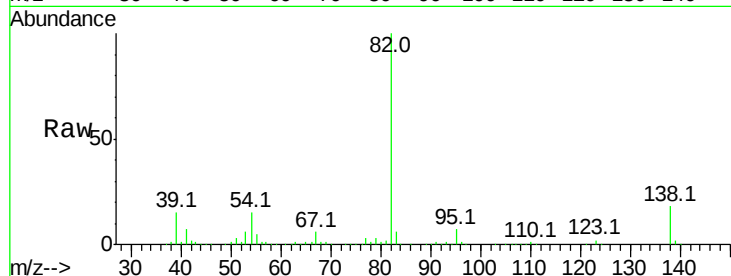
Tot Ion: 82 Resp: 581456

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.4 13.1 19.7



#26

2-Nitrophenol

Concen: 17.13 ng

RT: 6.81 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

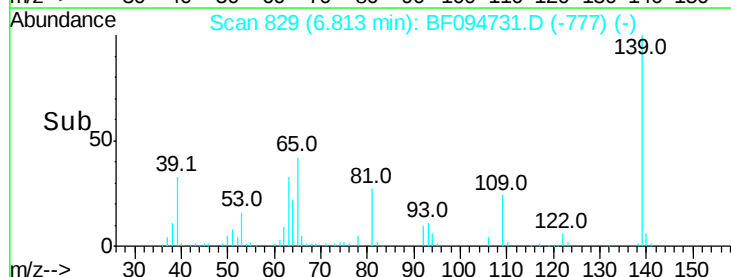
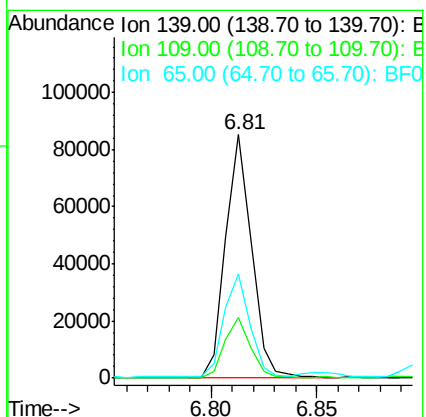
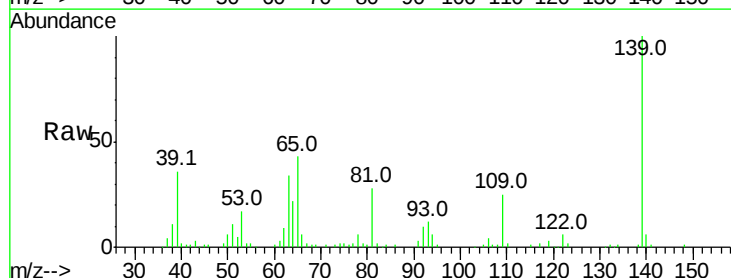
Tgt Ion: 139 Resp: 72703

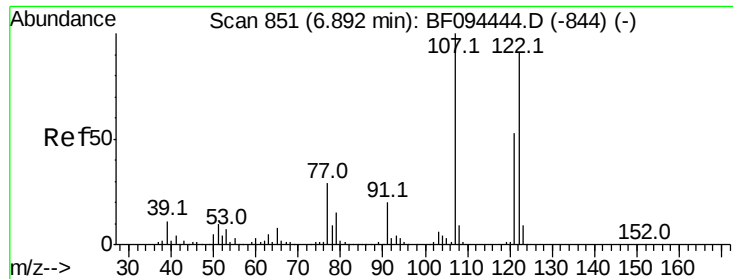
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 42.8 33.0 49.6

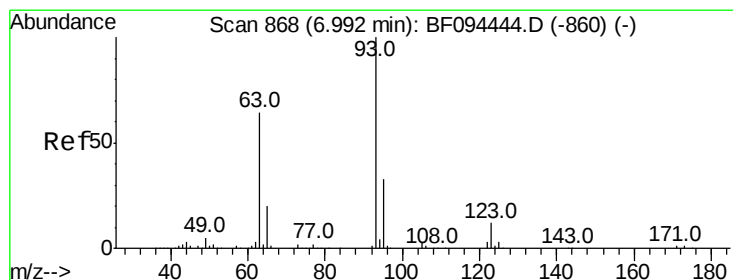
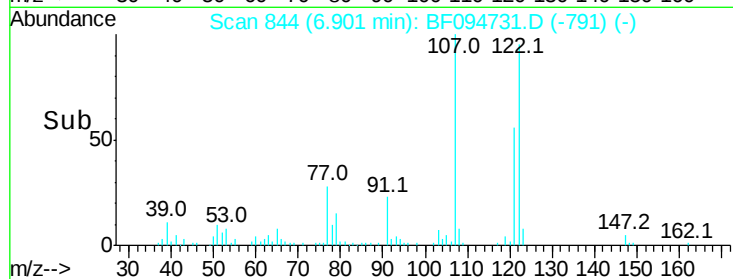
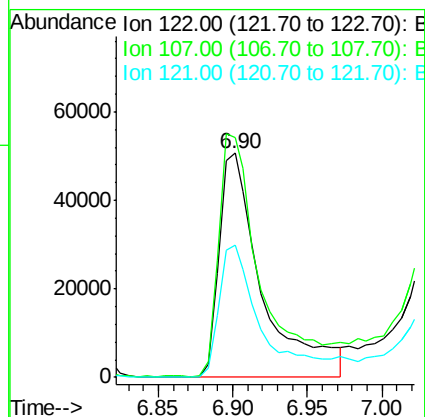
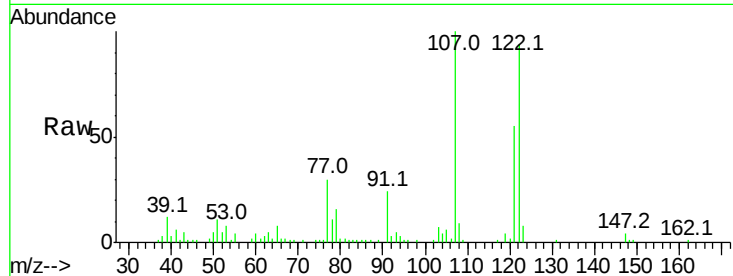




#27
 2,4-Dimethylphenol
 Concen: 14.98 ng
 RT: 6.90 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

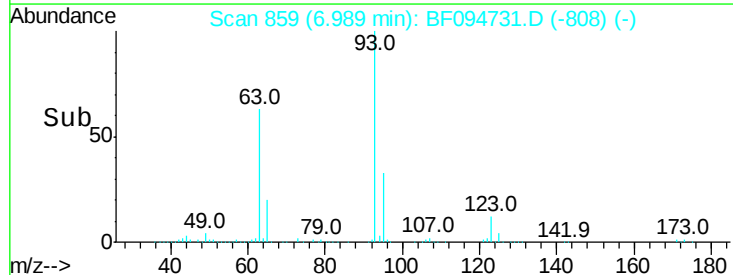
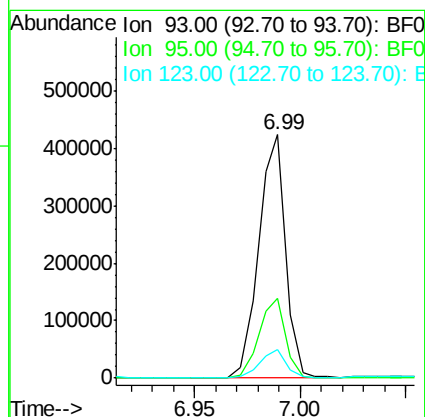
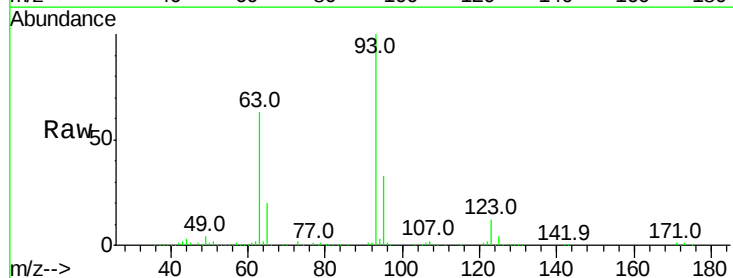
Instrument :
 BNA_F
 ClientSampleId :

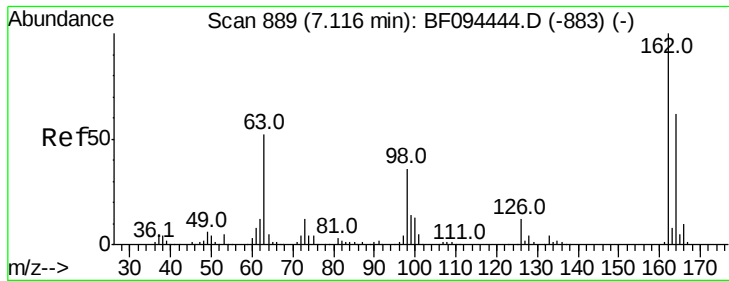
Tot Ion:122 Resp: 103299
 Ion Ratio Lower Upper
 122 100
 107 106.8 89.2 133.8
 121 58.9 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.58 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Tgt Ion: 93 Resp: 374174
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 11.7 9.0 13.4

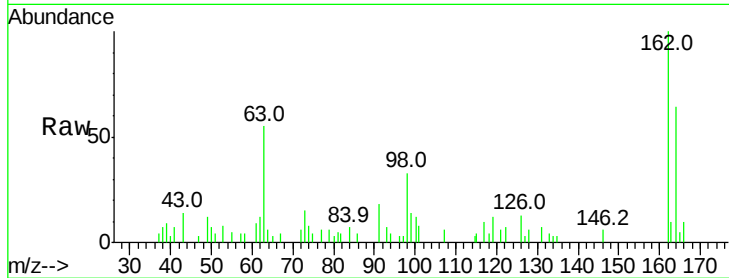




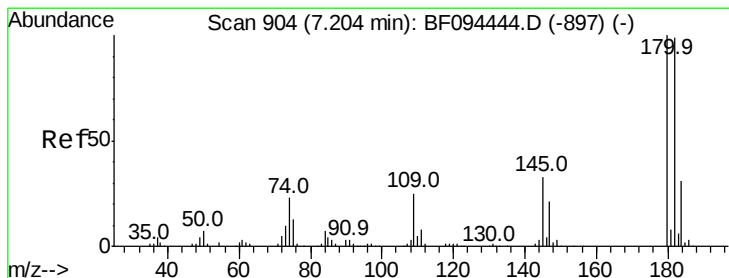
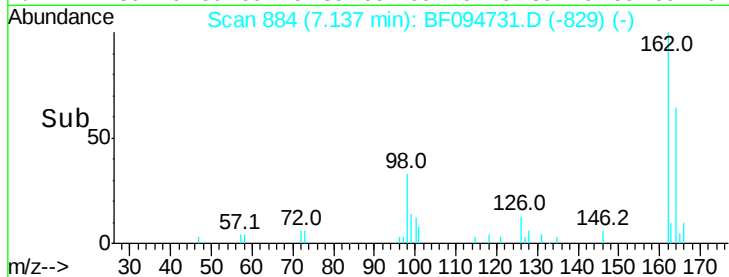
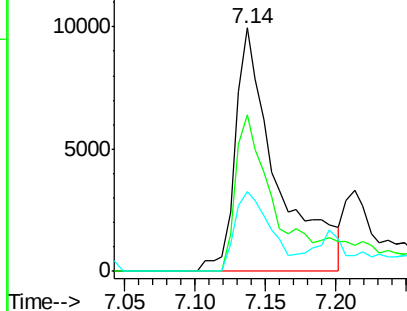
#29
2,4-Dichlorophenol
Concen: 3.17 ng
RT: 7.14 min Scan# 884
Delta R.T. 0.02 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 20309
Ion Ratio Lower Upper
162 100
164 64.5 44.6 84.6
98 32.7 14.8 54.8

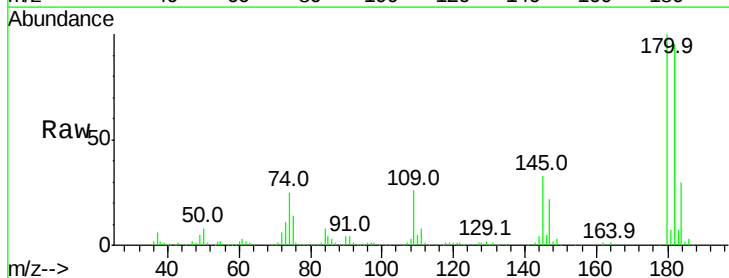


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

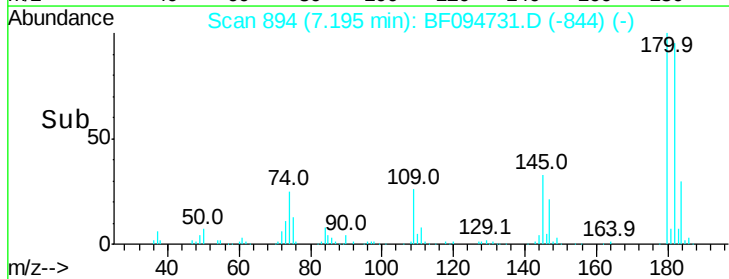
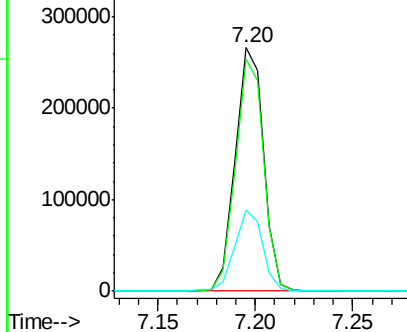


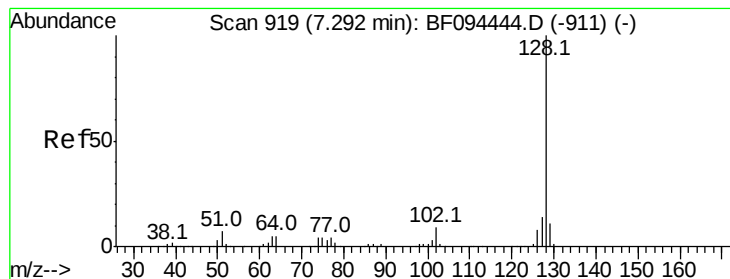
#30
1,2,4-Trichlorobenzene
Concen: 40.23 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Tgt Ion:180 Resp: 266825
Ion Ratio Lower Upper
180 100
182 95.3 75.8 113.6
145 33.1 25.3 37.9



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: 48.57 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

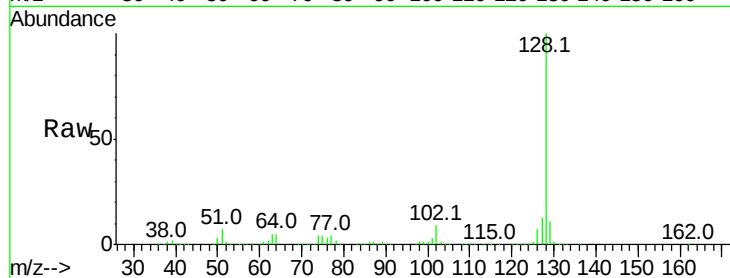
Tot Ion:128 Resp: 1081894

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

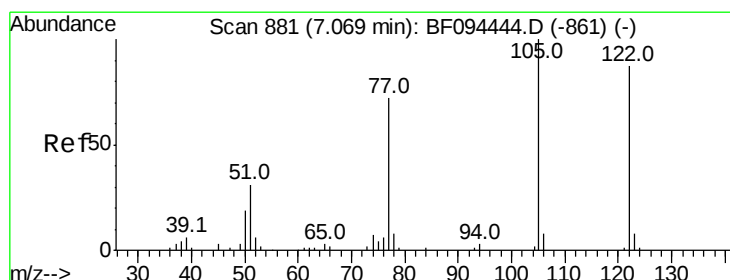
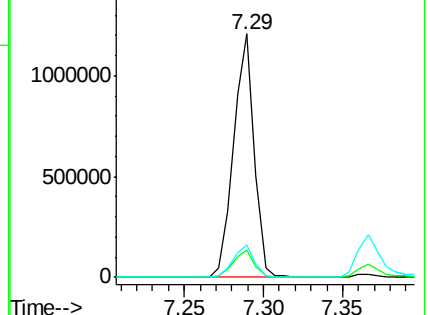
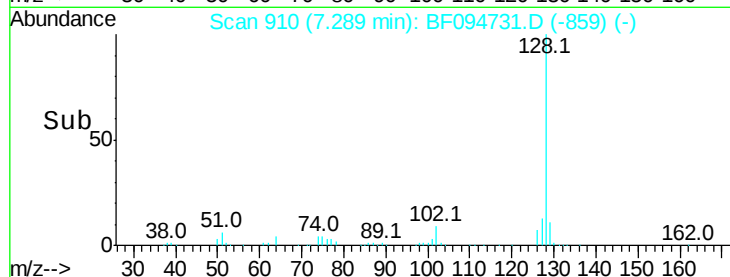
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.87 ng

RT: 7.04 min Scan# 867

Delta R.T. -0.03 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

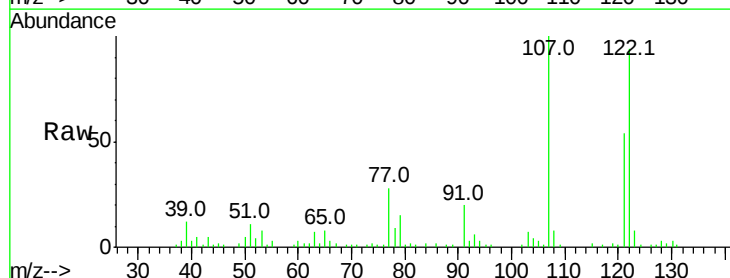
Tgt Ion:122 Resp: 119857

Ion Ratio Lower Upper

122 100

105 3.5 103.3 143.3#

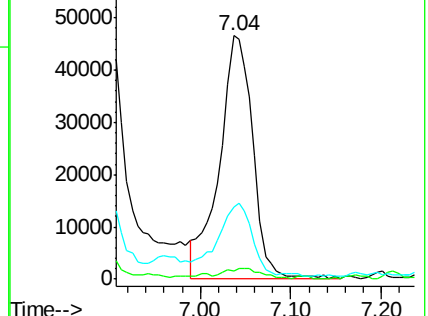
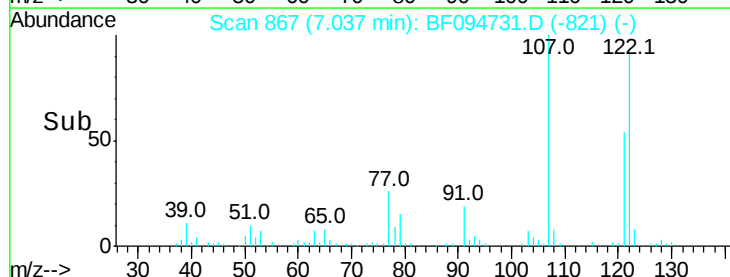
77 29.7 73.7 113.7#

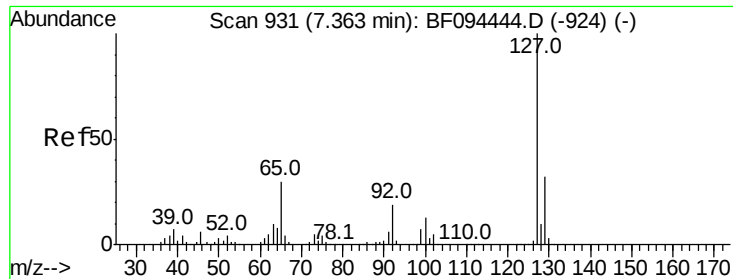


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

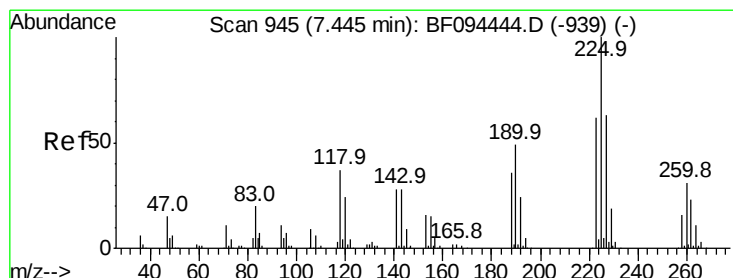
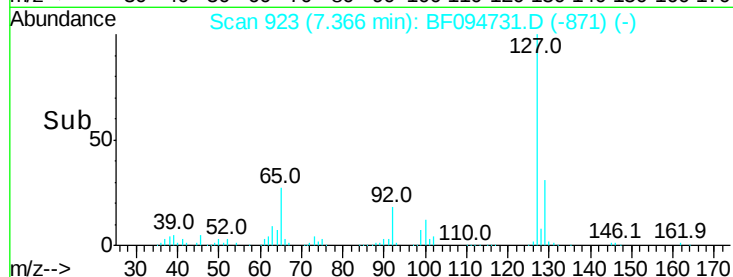
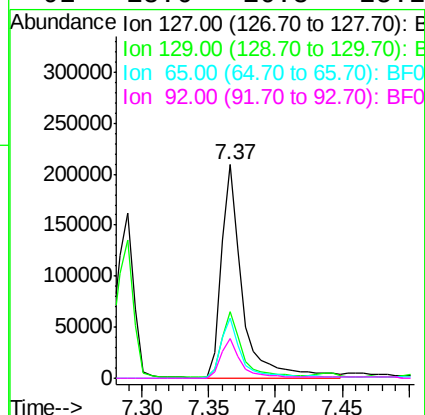
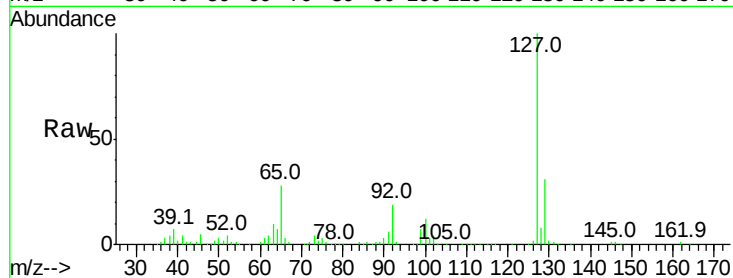




#33
 4-Chloroaniline
 Concen: 24.98 ng
 RT: 7.37 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

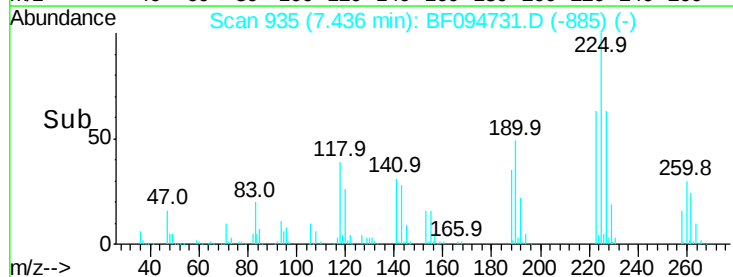
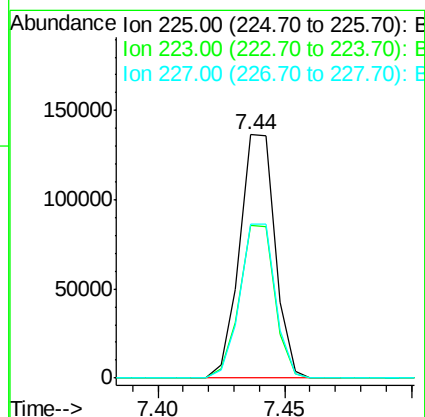
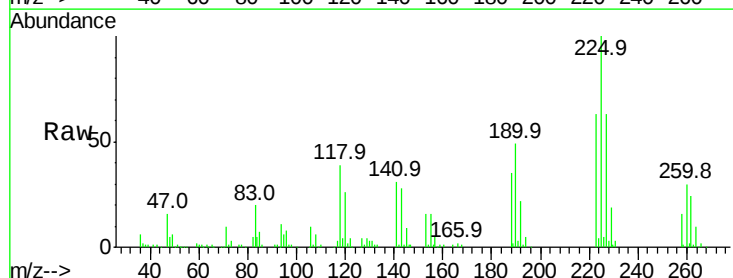
Instrument :
 BNA_F
 ClientSampleId :

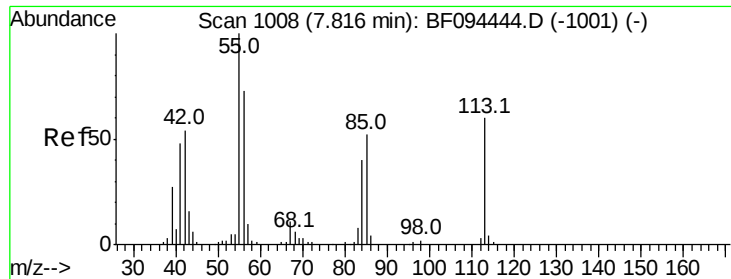
Tot Ion:	127	Resp:	231463
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	28.1	27.8	41.8
92	18.6	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 40.24 ng
 RT: 7.44 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Tgt Ion:	225	Resp:	133049
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	63.4	51.1	76.7

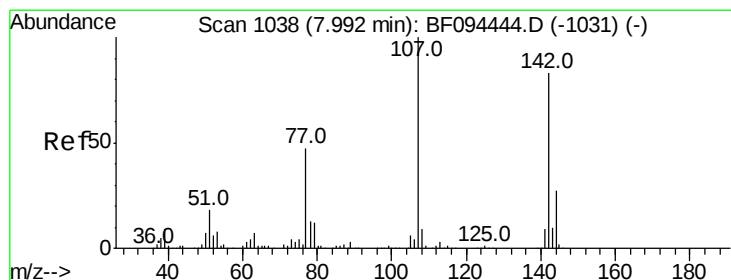
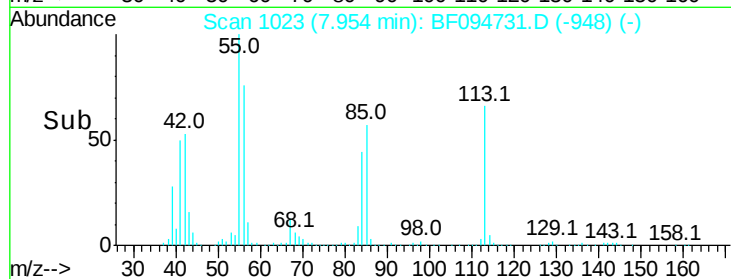
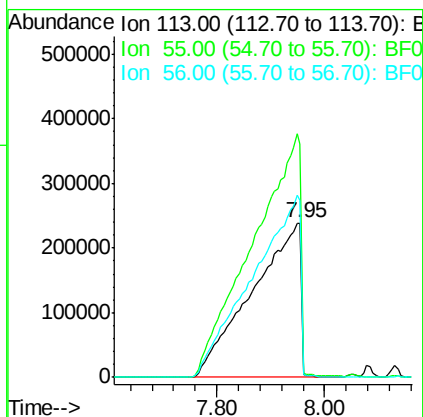
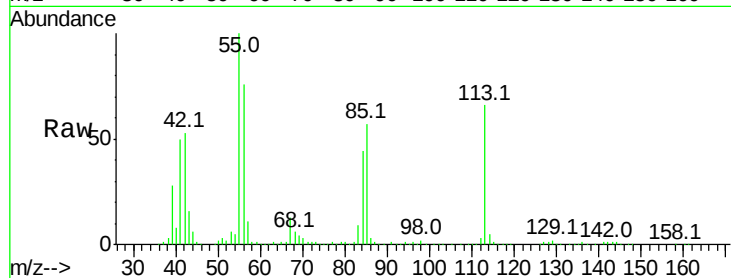




#35
Caprolactam
Concen: 735.17 ng
RT: 7.95 min Scan# 1023
Delta R.T. 0.14 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

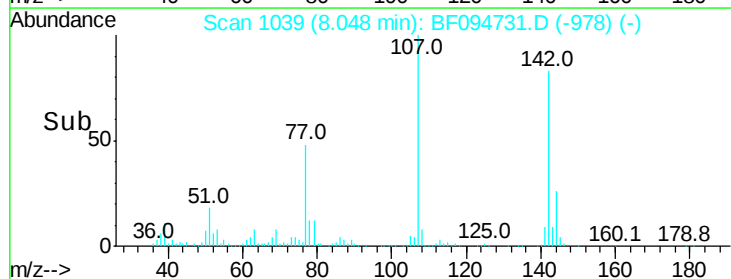
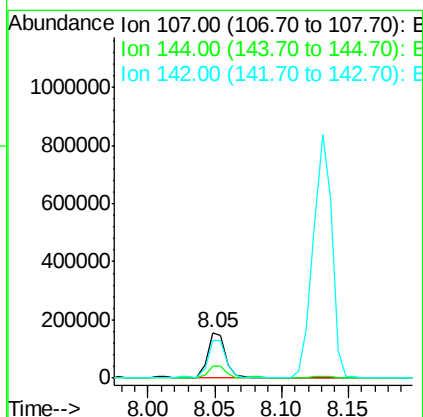
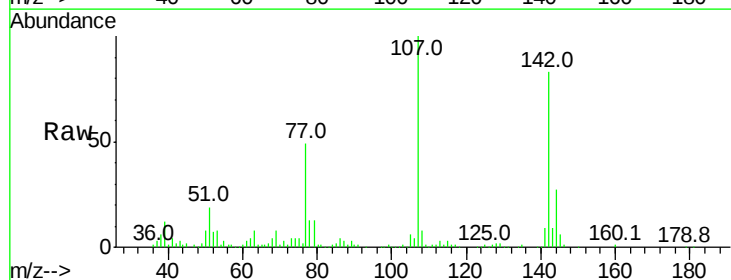
Instrument :
BNA_F
ClientSampleId :

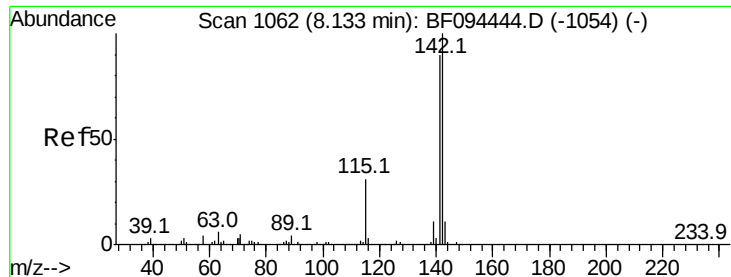
Tot Ion:113 Resp: 1481607
Ion Ratio Lower Upper
113 100
55 151.4 150.2 190.2
56 114.5 107.8 147.8



#36
4-Chloro-3-methylphenol
Concen: 21.89 ng
RT: 8.05 min Scan# 1039
Delta R.T. 0.06 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Tgt Ion:107 Resp: 147161
Ion Ratio Lower Upper
107 100
144 26.9 24.2 36.4
142 82.6 73.4 110.0

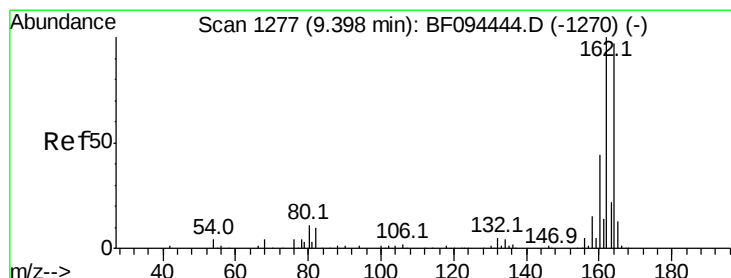
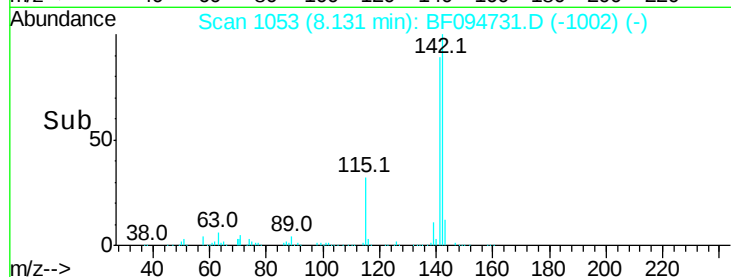
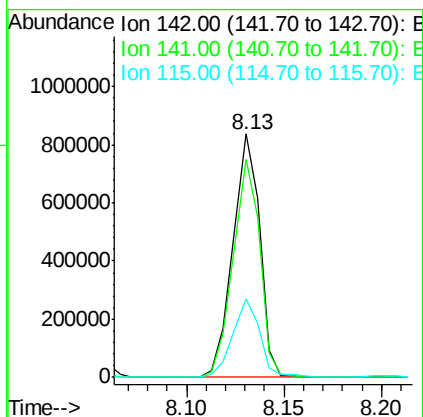
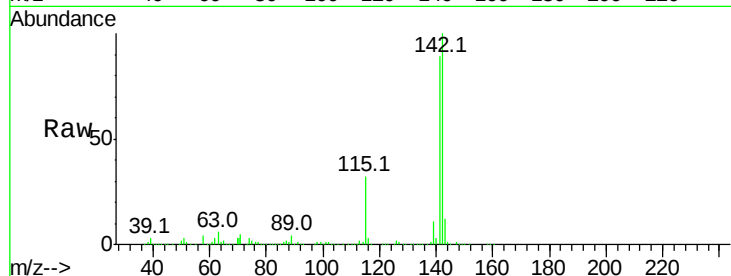




#37
2-Methylnaphthalene
Concen: 52.30 ng
RT: 8.13 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

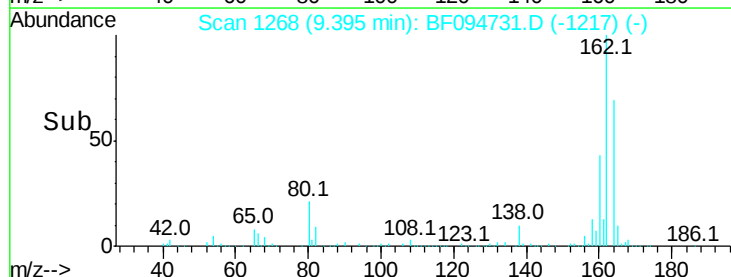
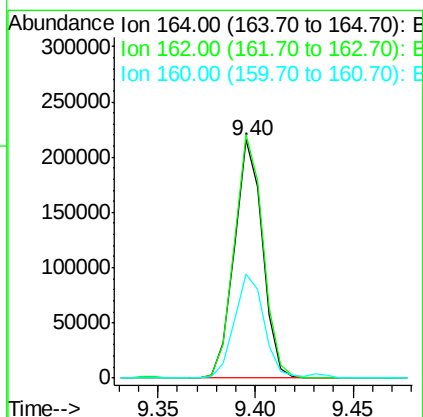
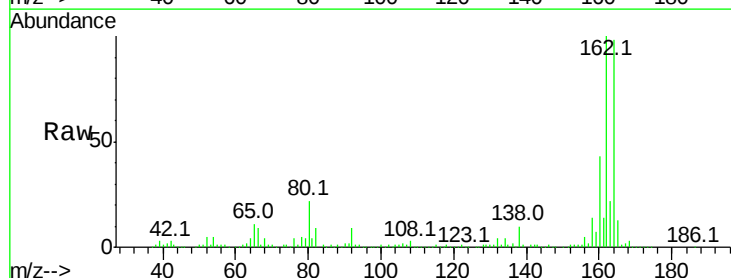
Instrument :
BNA_F
ClientSampleId :

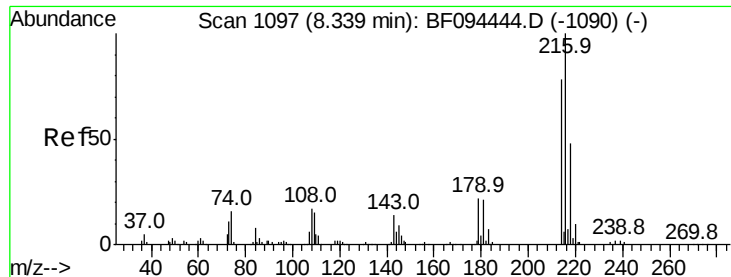
Tot Ion:142 Resp: 797033
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9
115 32.4 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Tgt Ion:164 Resp: 214843
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 43.9 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.58 ng

RT: 8.34 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 254387

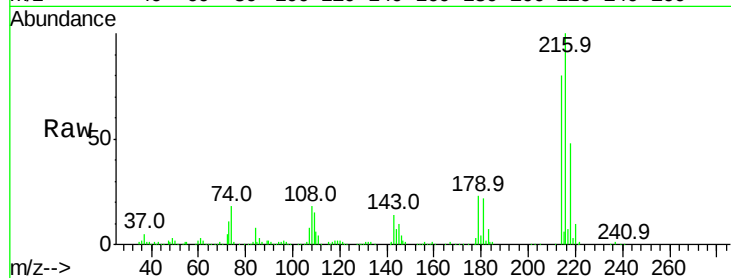
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 22.5 17.9 26.9

108 19.6 16.5 24.7

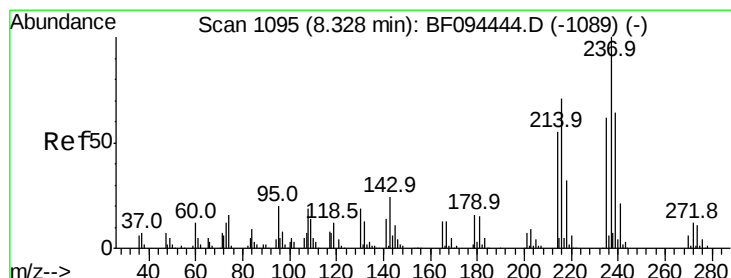
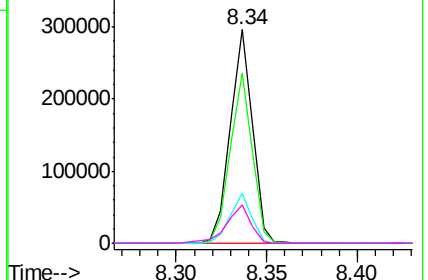
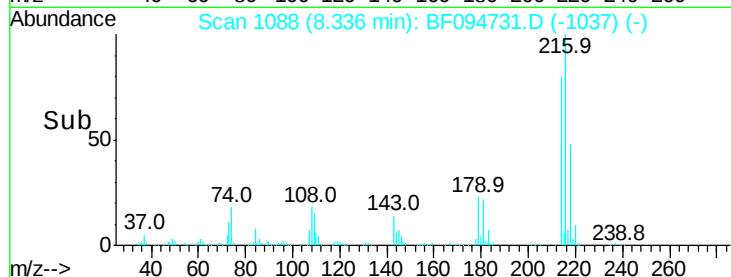


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.38 ng

RT: 8.32 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

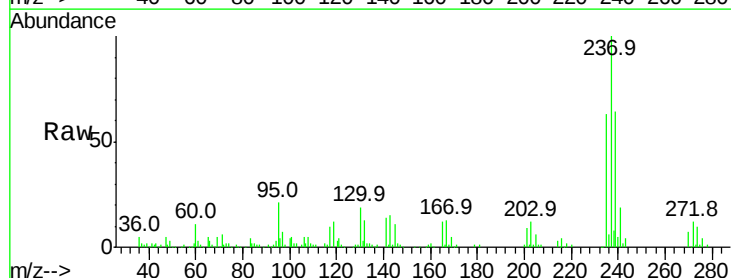
Tgt Ion:237 Resp: 97455

Ion Ratio Lower Upper

237 100

235 63.0 42.6 82.6

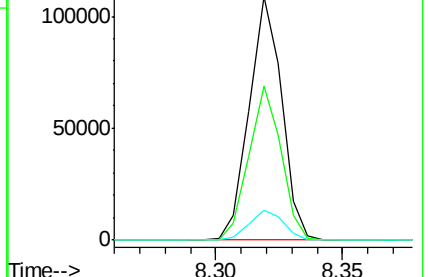
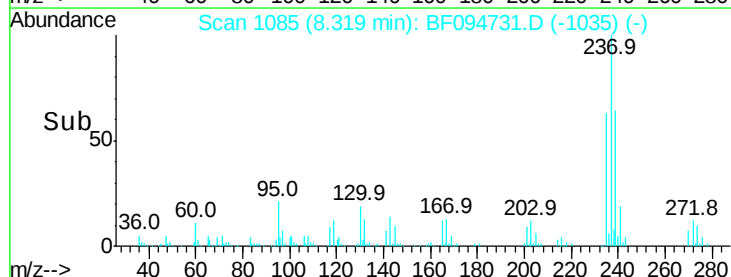
272 12.5 0.0 31.9

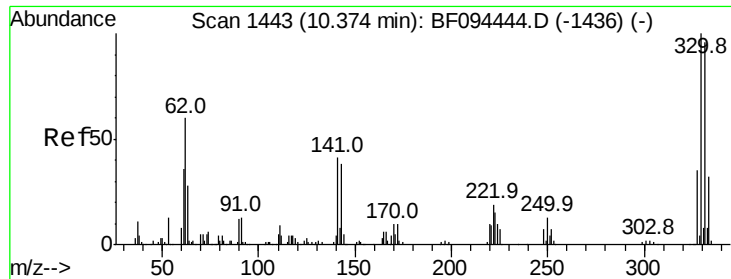


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

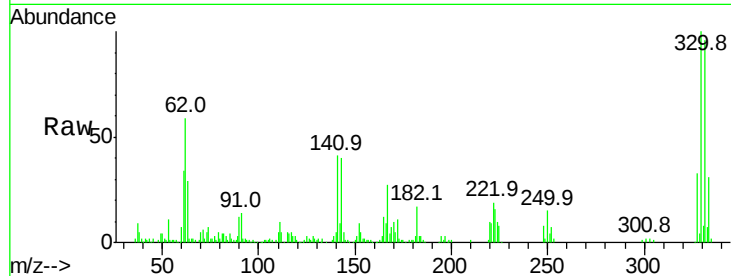




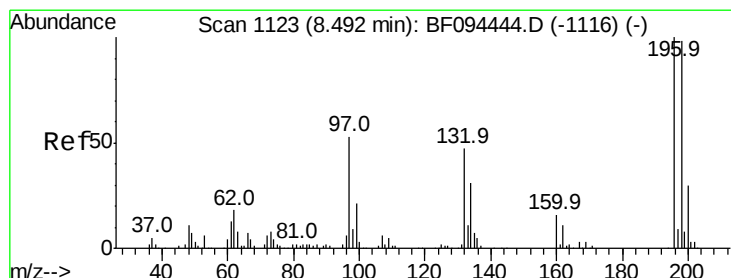
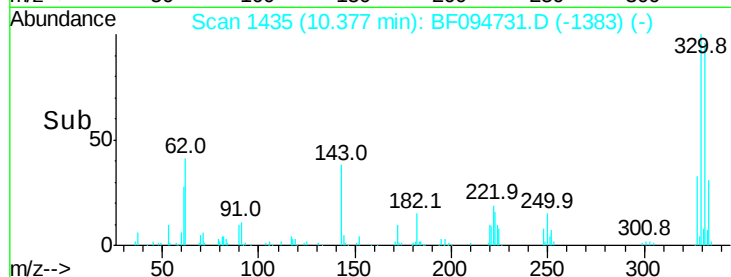
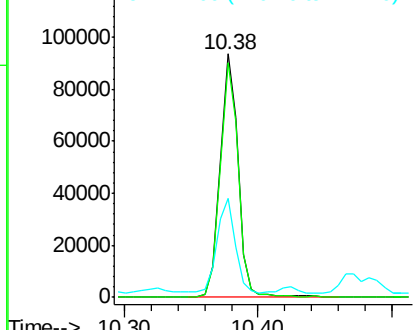
#41
 2,4,6-Tribromophenol
 Concen: 53.46 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 89831
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.3 31.4 47.2

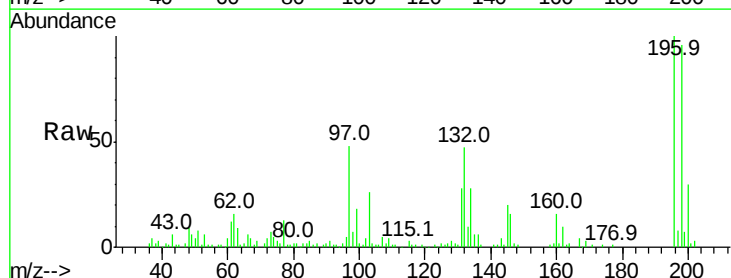


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

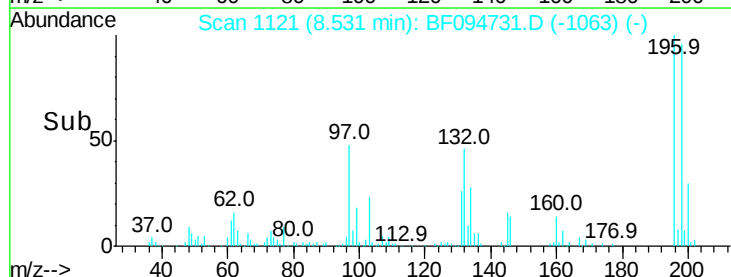
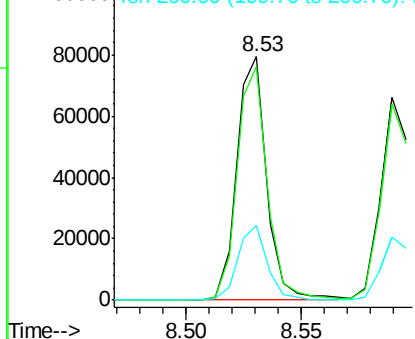


#42
 2,4,6-Trichlorophenol
 Concen: 16.68 ng
 RT: 8.53 min Scan# 1121
 Delta R.T. 0.04 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Tgt Ion:196 Resp: 71665
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.2 111.4
 200 30.4 24.0 36.0



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

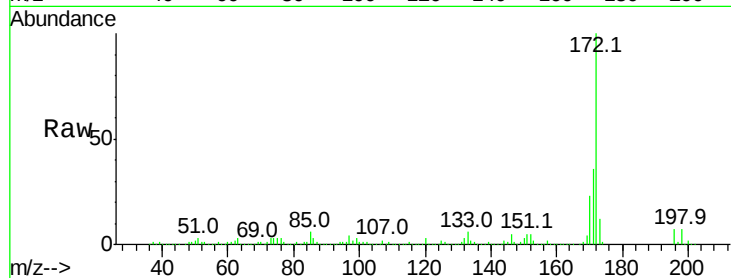




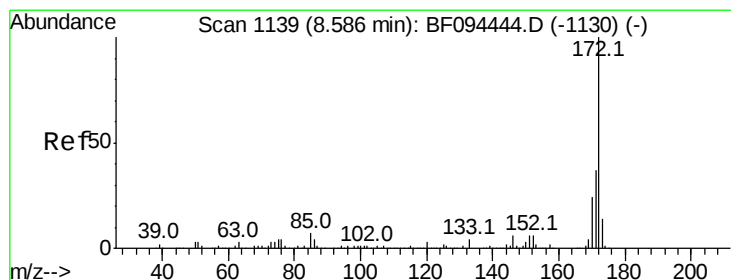
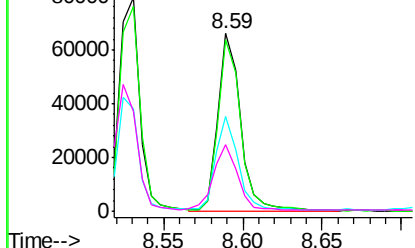
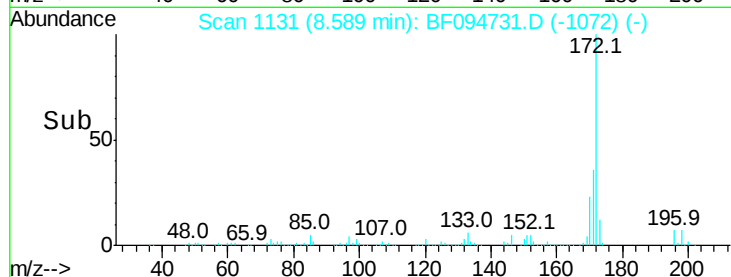
#43
 2,4,5-Trichlorophenol
 Concen: 15.02 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.04 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 66280
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.7 113.5
 97 53.6 47.7 71.5
 132 37.3 28.0 42.0

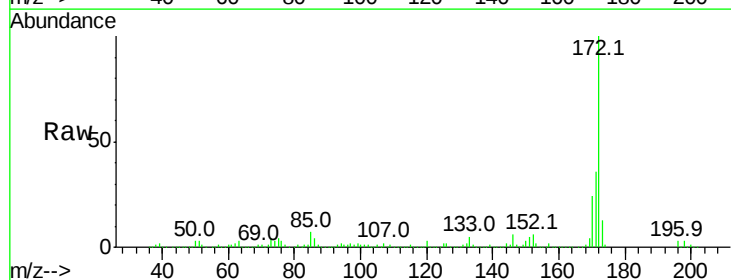


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

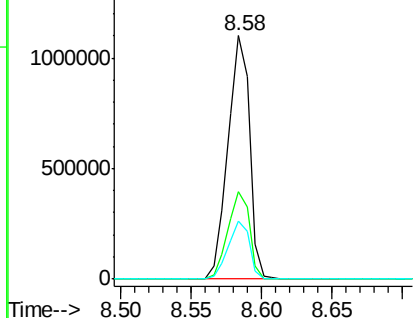
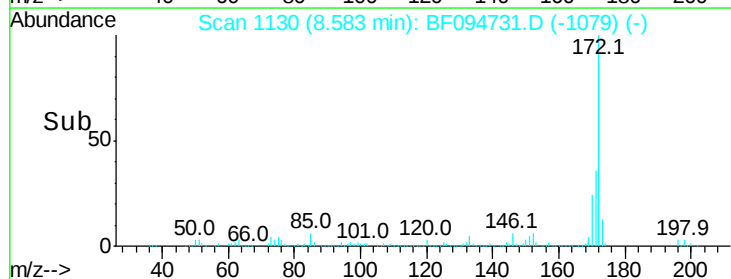


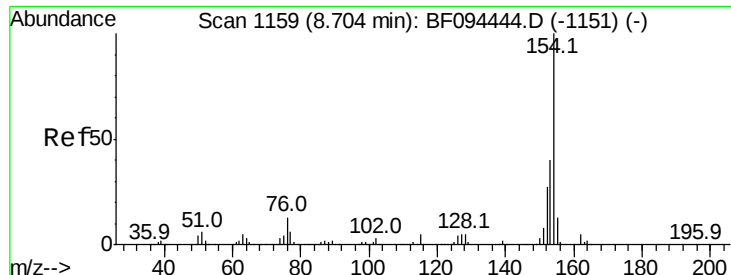
#44
 2-Fluorobiphenyl
 Concen: 80.59 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Tgt Ion:172 Resp: 1176752
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.8 19.8 29.8



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

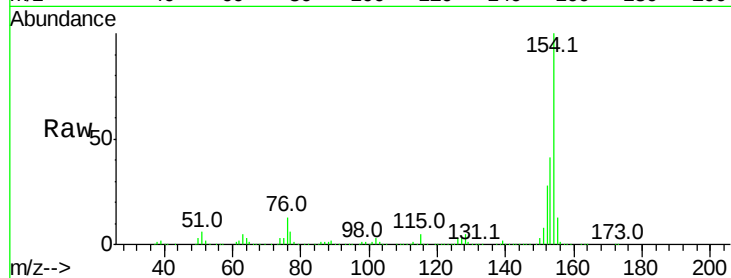




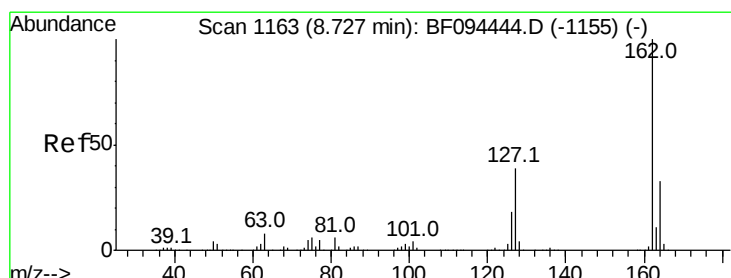
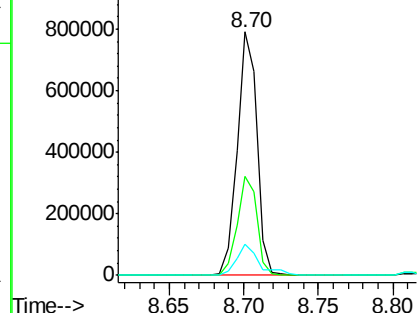
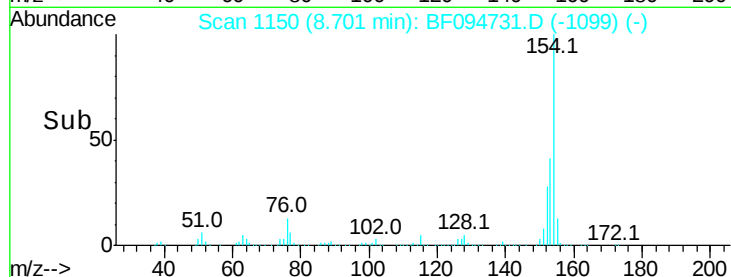
#45
 1,1'-Biphenyl
 Concen: 41.99 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	13.0	0.0	29.9

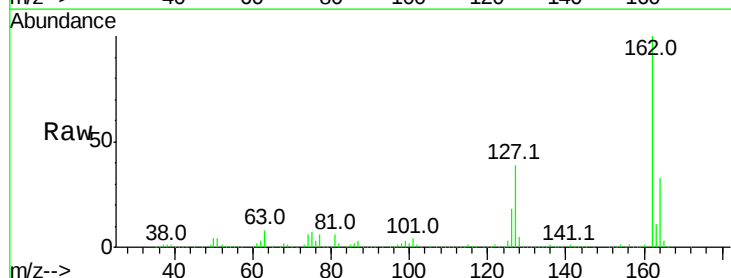


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

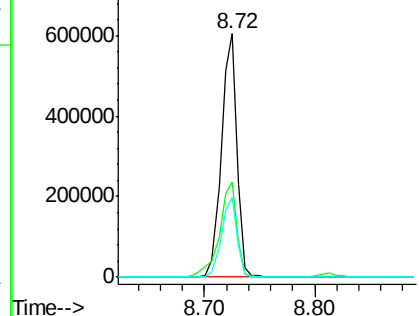
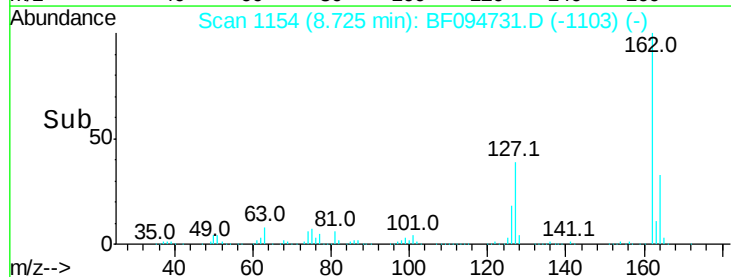


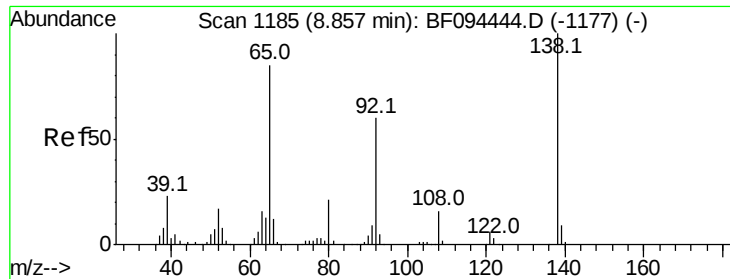
#46
 2-Chloronaphthalene
 Concen: 42.13 ng
 RT: 8.72 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	28.3	42.5
164	32.7	27.0	40.4



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

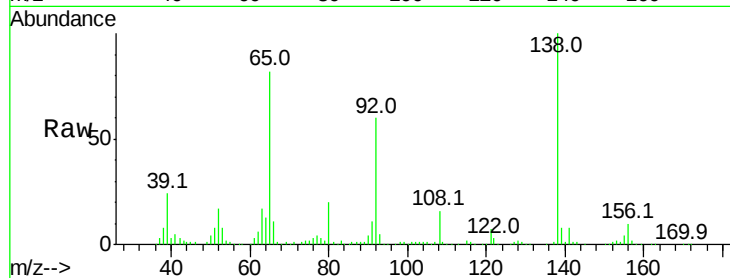




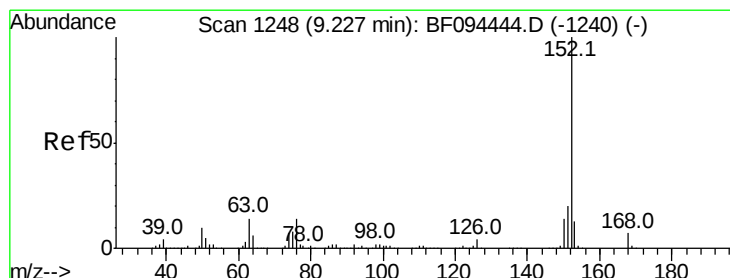
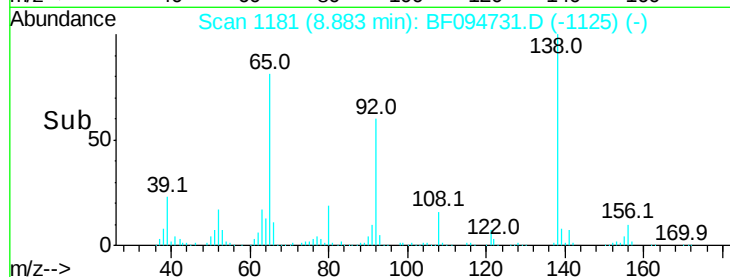
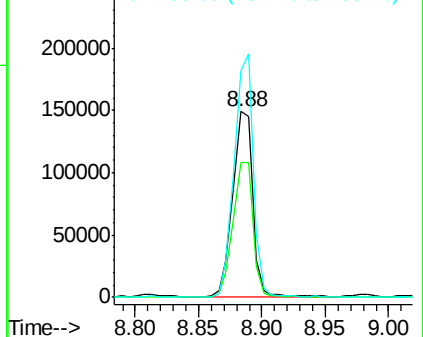
#47
2-Nitroaniline
Concen: 40.26 ng
RT: 8.88 min Scan# 1181
Delta R.T. 0.03 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 161663
Ion Ratio Lower Upper
65 100
92 72.9 53.9 80.9
138 122.4 78.8 118.2#

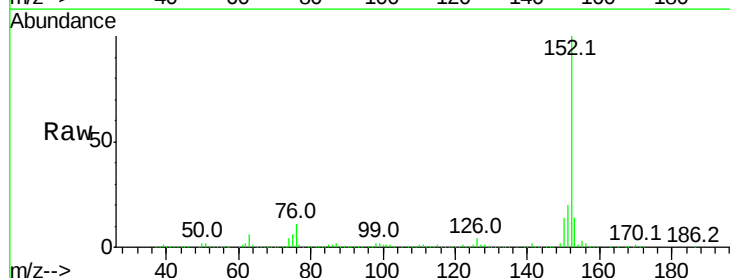


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

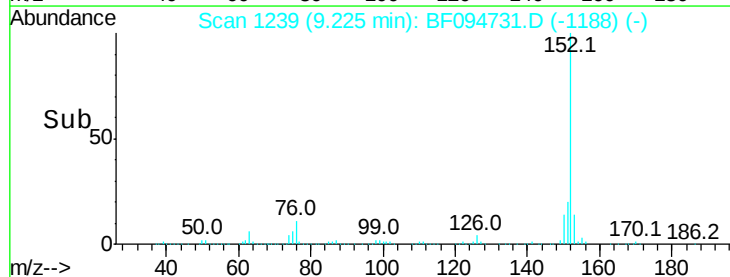
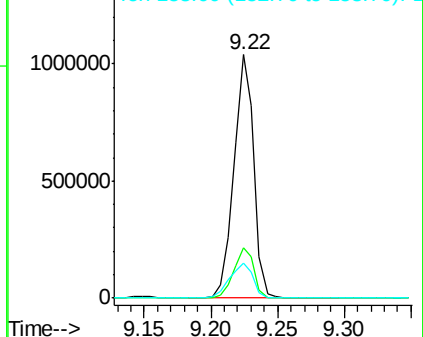


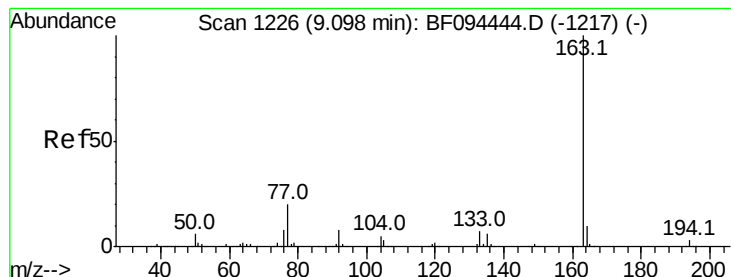
#48
Acenaphthylene
Concen: 49.71 ng
RT: 9.22 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Tgt Ion:152 Resp: 1081562
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 14.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 44.33 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

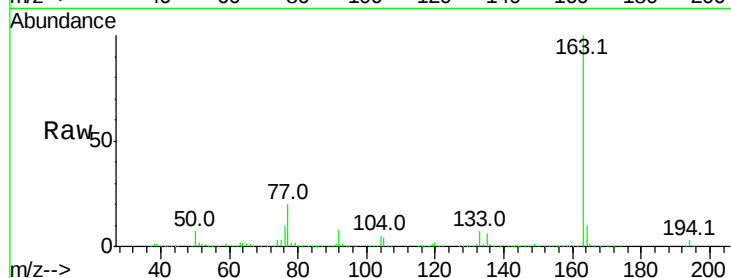
Tot Ion:163 Resp: 709767

Ion Ratio Lower Upper

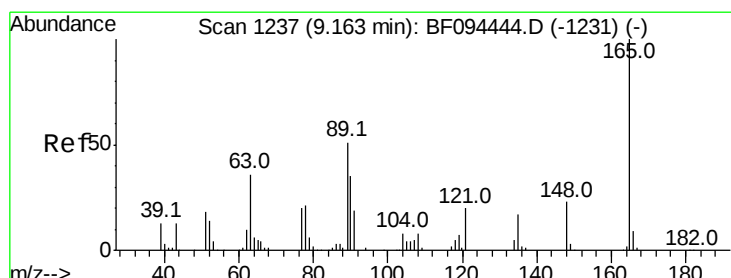
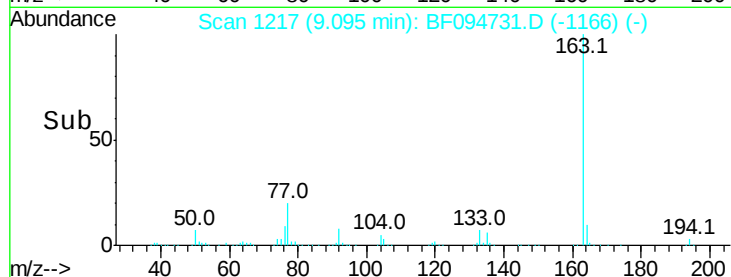
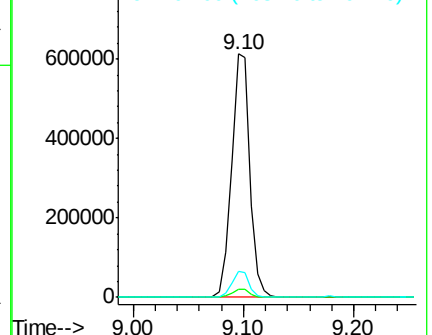
163 100

194 3.4 2.6 4.0

164 10.4 8.4 12.6



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: 44.26 ng

RT: 9.18 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

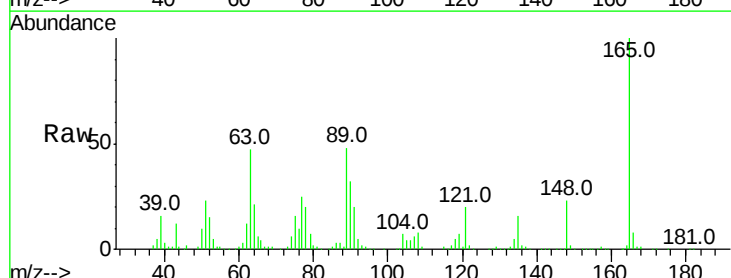
Tgt Ion:165 Resp: 159043

Ion Ratio Lower Upper

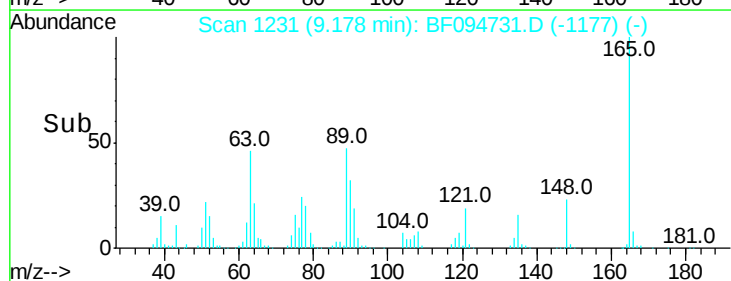
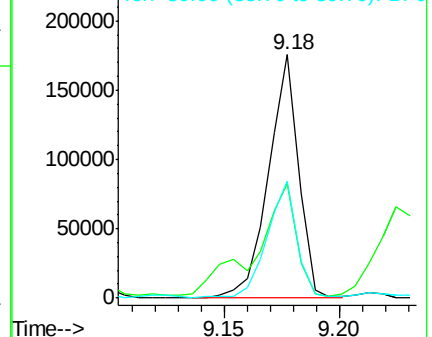
165 100

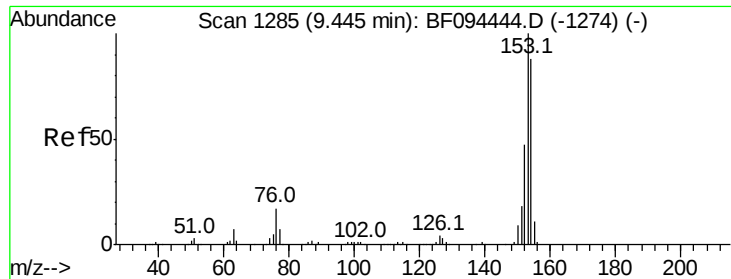
63 46.8 34.3 51.5

89 47.9 37.1 55.7



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: 48.79 ng

RT: 9.44 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

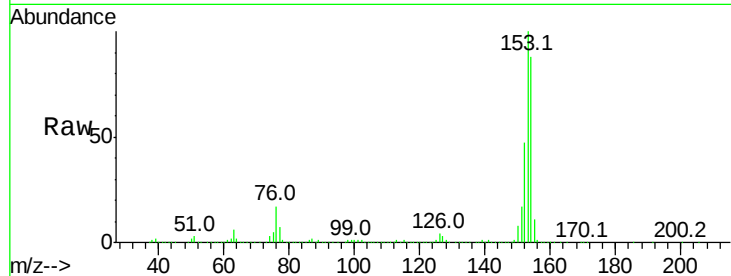
Tot Ion:154 Resp: 635865

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

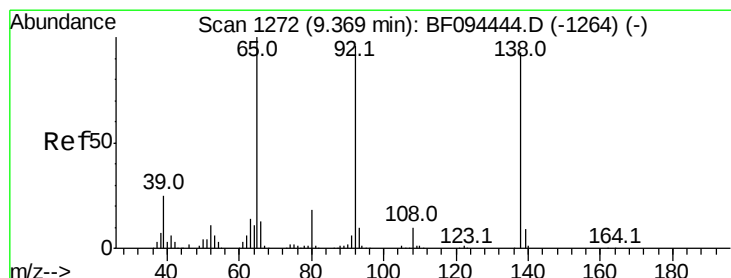
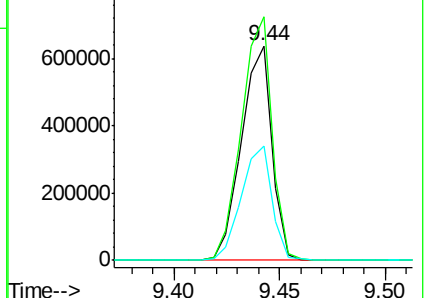
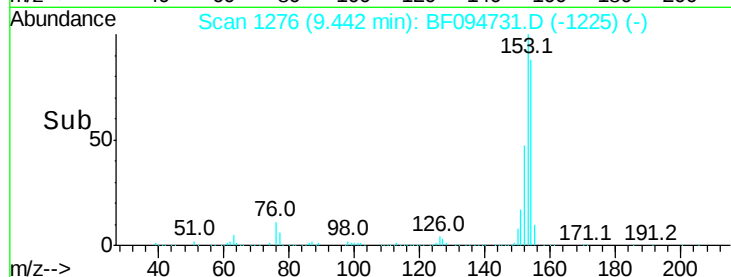
152 53.3 43.6 65.4



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: 29.51 ng

RT: 9.38 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

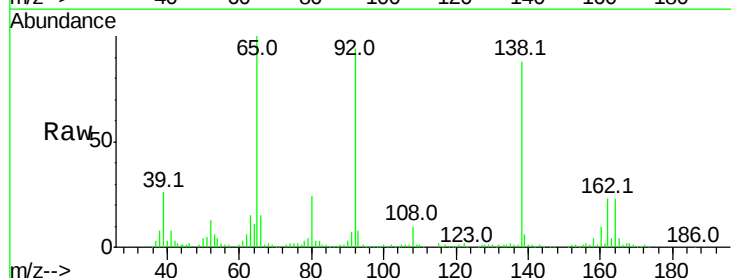
Tgt Ion:138 Resp: 122694

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

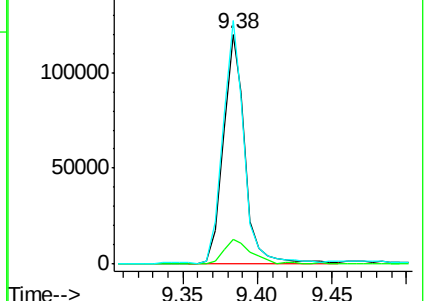
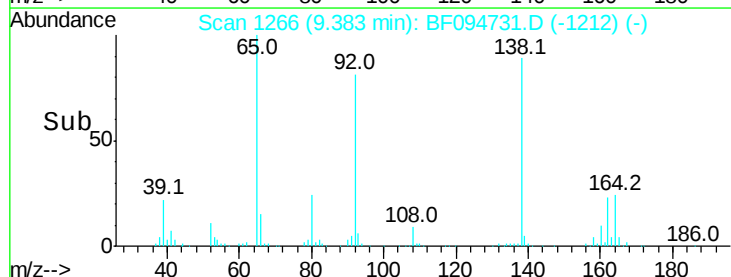
92 106.1 93.8 140.6

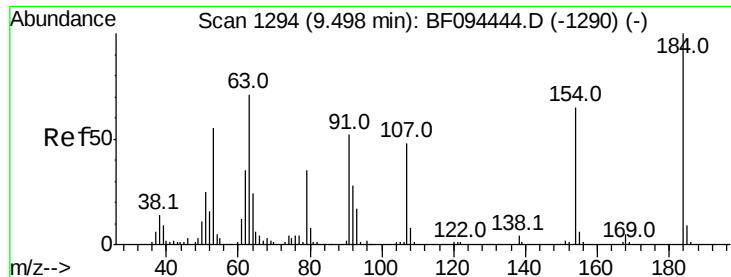


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

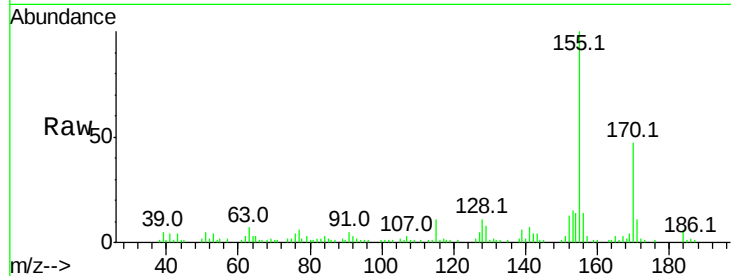




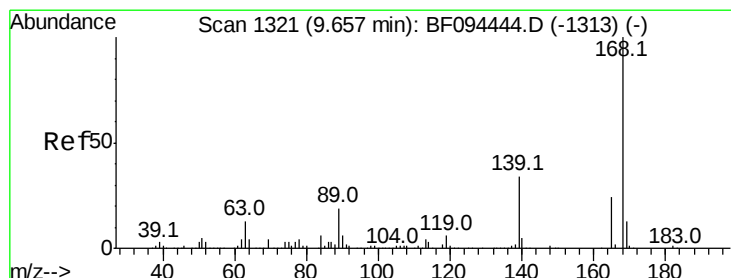
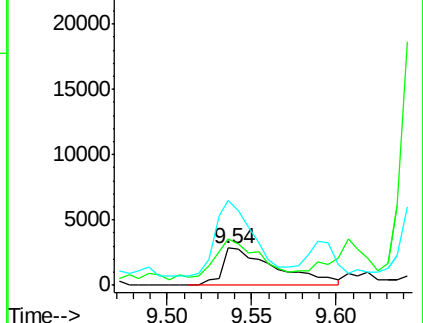
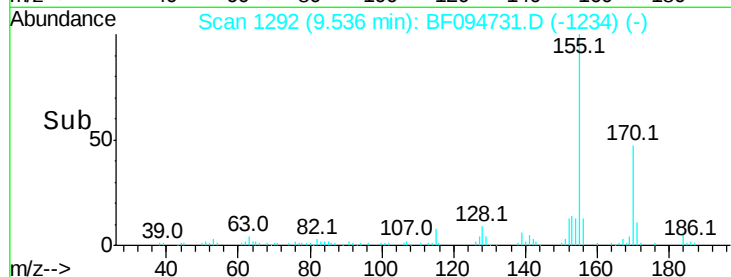
#53
 2,4-Dinitrophenol
 Concen: 8.80 ng
 RT: 9.54 min Scan# 1292
 Delta R.T. 0.04 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 6382
 Ion Ratio Lower Upper
 184 100
 63 123.8 62.7 94.1#
 154 228.8 81.1 121.7#

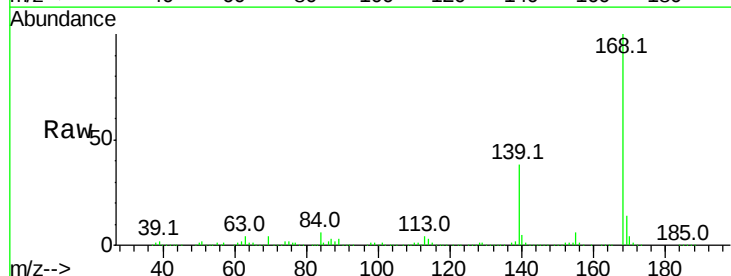


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

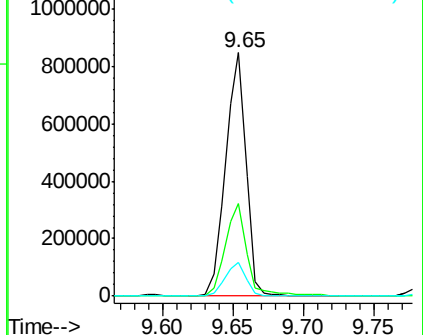
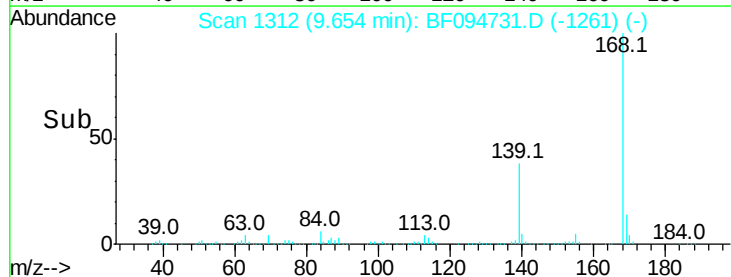


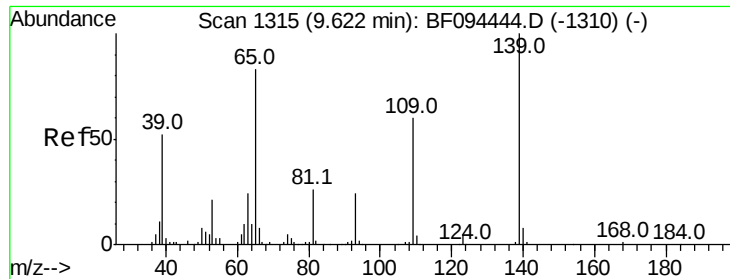
#54
 Dibenzofuran
 Concen: 44.75 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Tgt Ion:168 Resp: 847620
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.6 45.8
 169 13.8 10.8 16.2



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

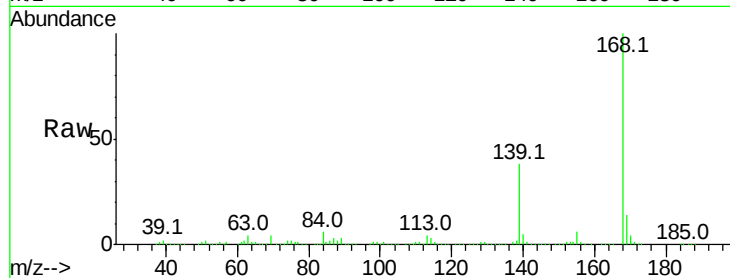




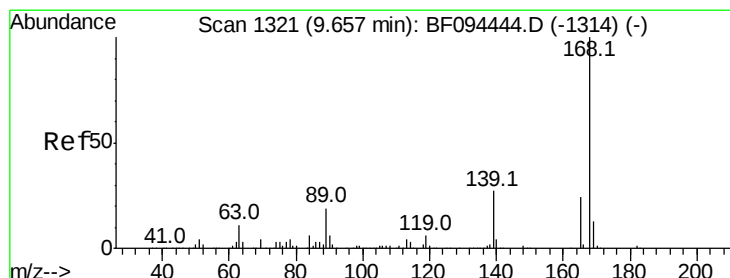
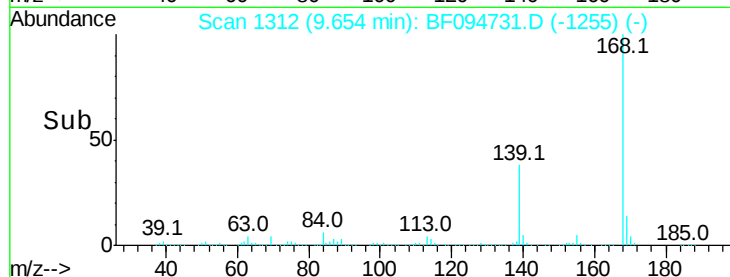
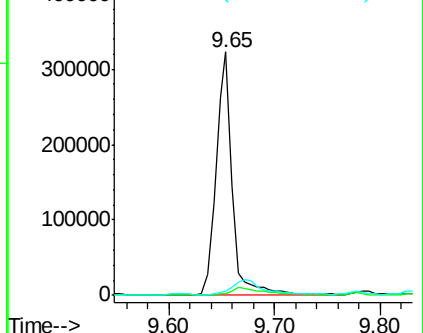
#55
4-Nitrophenol
Concen: 120.07 ng
RT: 9.65 min Scan# 1312
Delta R.T. 0.03 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.9	34.1	74.1#
65	1.6	31.4	71.4#



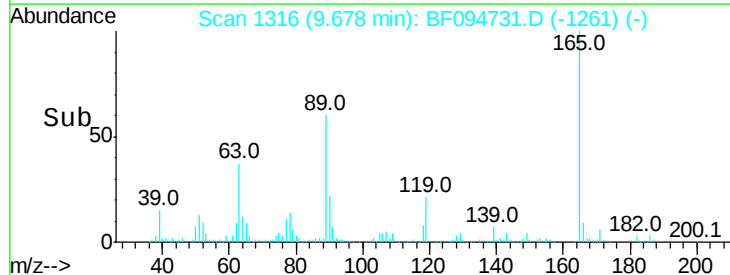
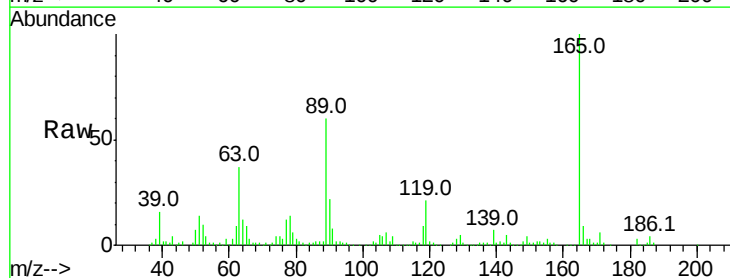
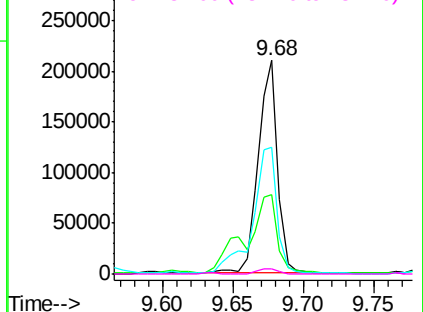
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 46.49 ng
RT: 9.68 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.3	25.4	38.0
89	59.6	46.4	69.6
182	2.6	1.8	2.6#

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

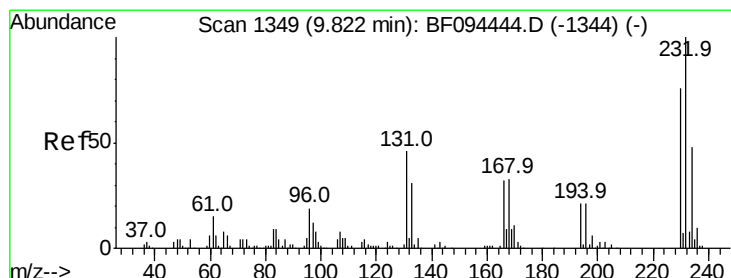
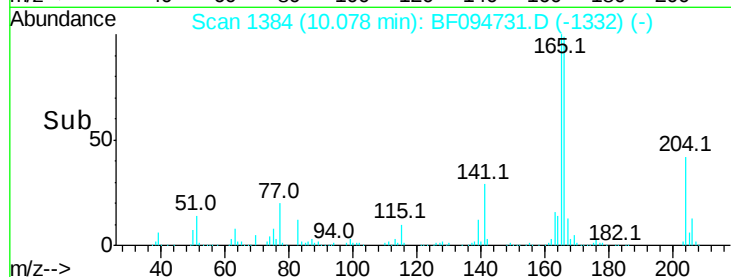
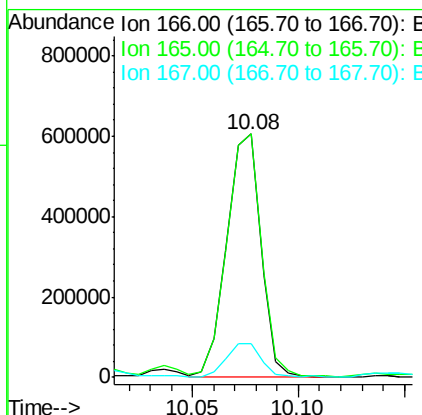
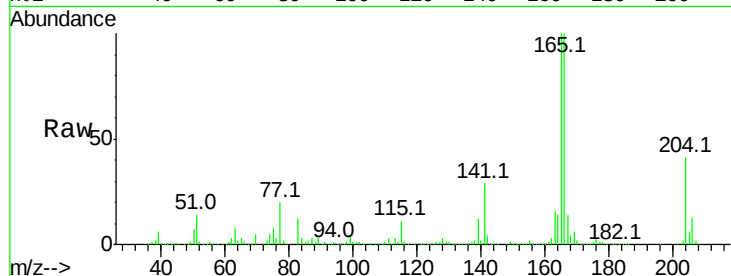




#57
 Fluorene
 Concen: 45.78 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

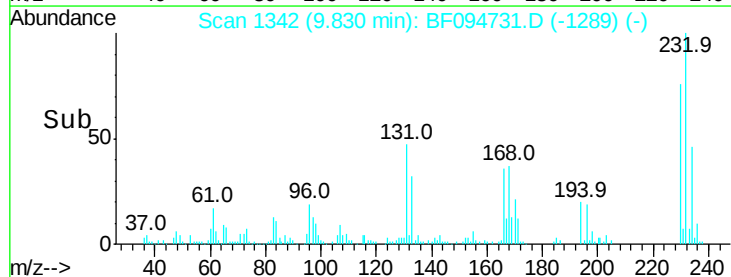
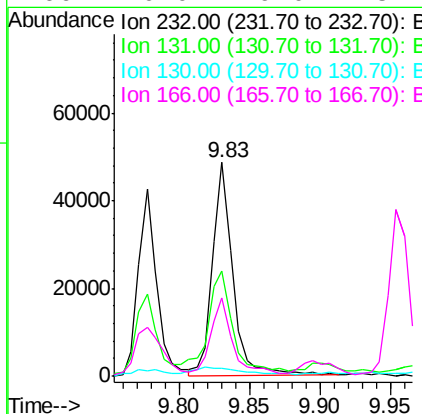
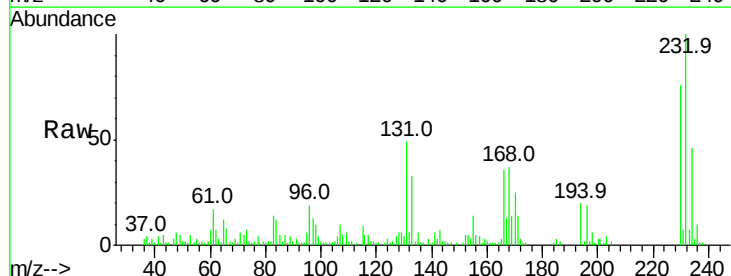
Instrument :
 BNA_F
 ClientSampleId :

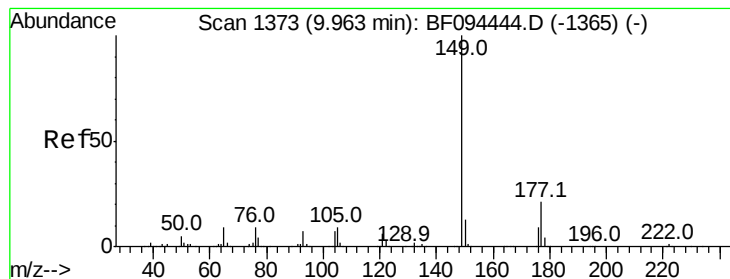
Tot Ion:166 Resp: 675279
 Ion Ratio Lower Upper
 166 100
 165 99.9 78.8 118.2
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 15.25 ng
 RT: 9.83 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Tgt Ion:232 Resp: 48230
 Ion Ratio Lower Upper
 232 100
 131 59.7 44.8 67.2
 130 7.2 2.3 3.5#
 166 0.0 29.0 43.4#





#59

Diethylphthalate

Concen: 44.36 ng

RT: 9.97 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

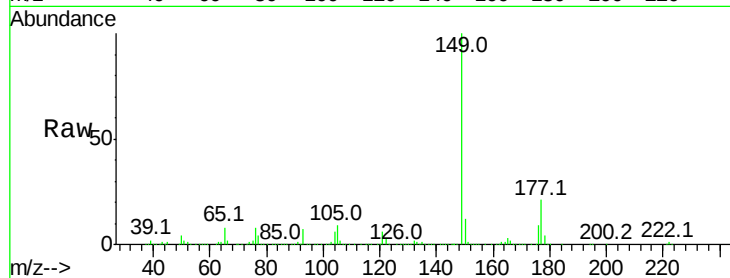
Tot Ion:149 Resp: 670219

Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

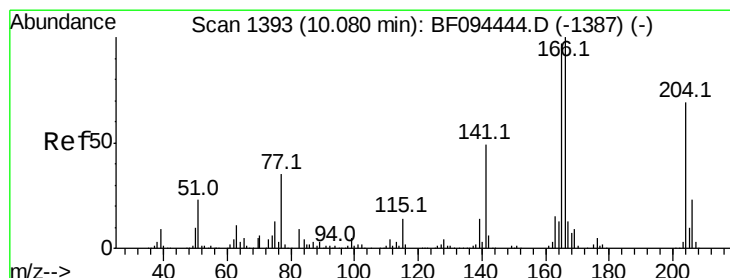
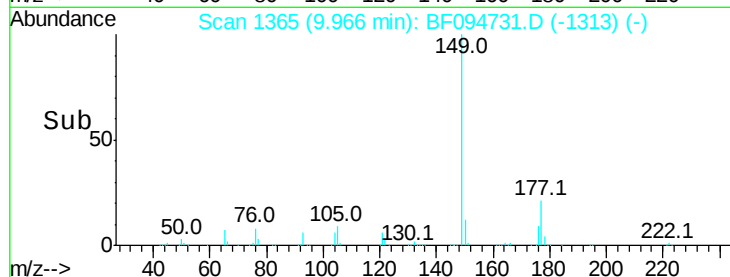
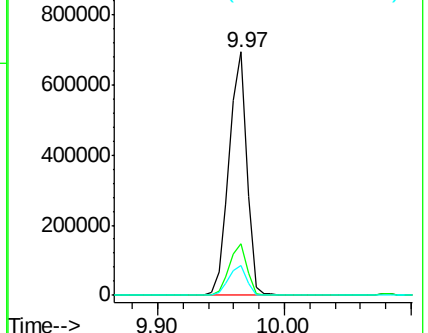
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.31 ng

RT: 10.08 min Scan# 1385

Delta R.T. 0.00 min

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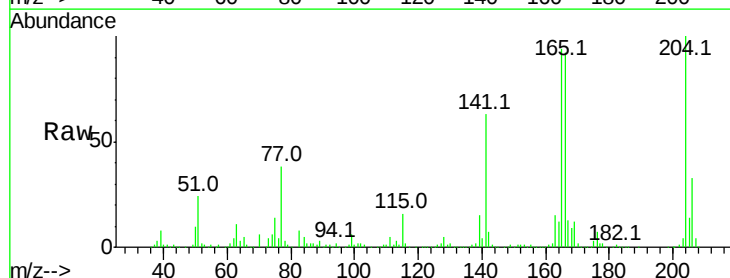
Tgt Ion:204 Resp: 265840

Ion Ratio Lower Upper

204 100

206 33.4 26.2 39.2

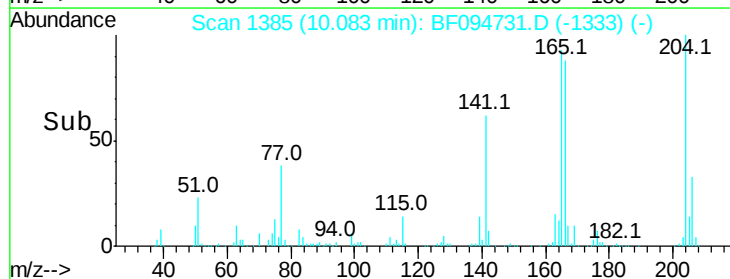
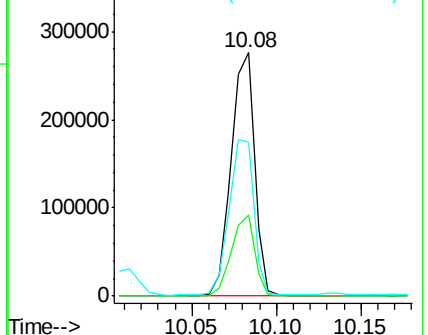
141 63.0 60.8 91.2

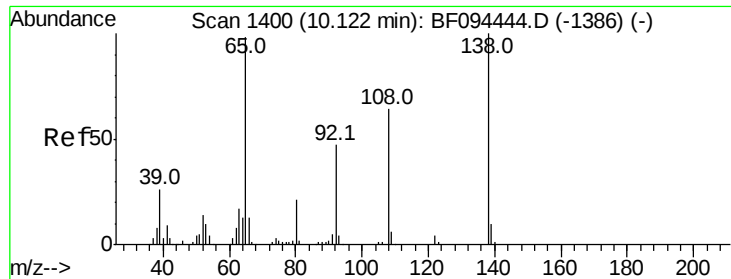


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

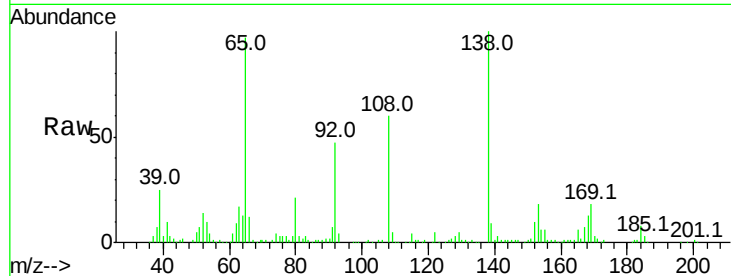




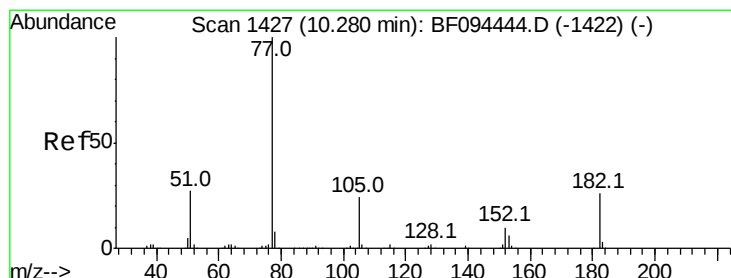
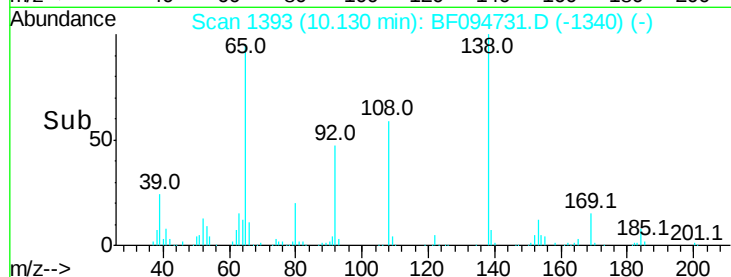
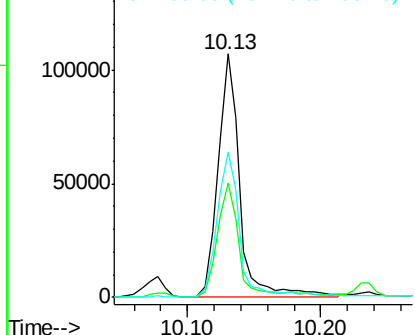
#61
4-Nitroaniline
Concen: 28.74 ng
RT: 10.13 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 121498
Ion Ratio Lower Upper
138 100
92 47.0 21.8 61.8
108 59.7 42.3 82.3

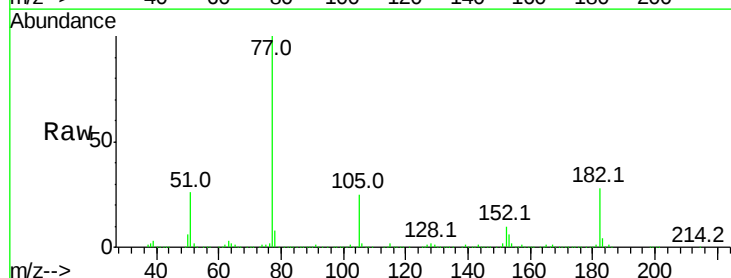


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

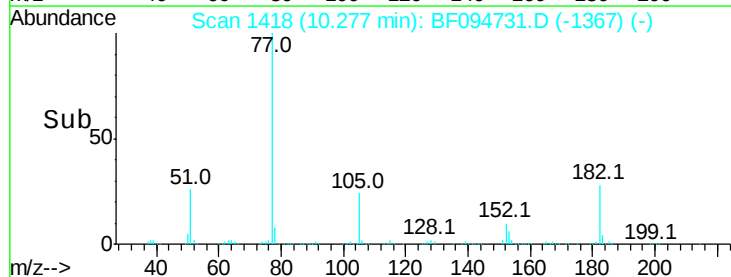
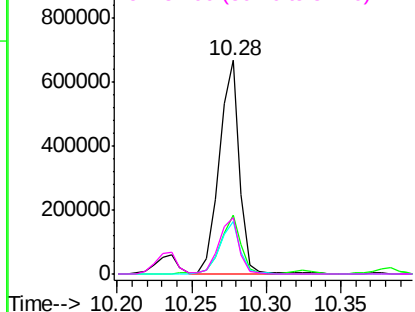


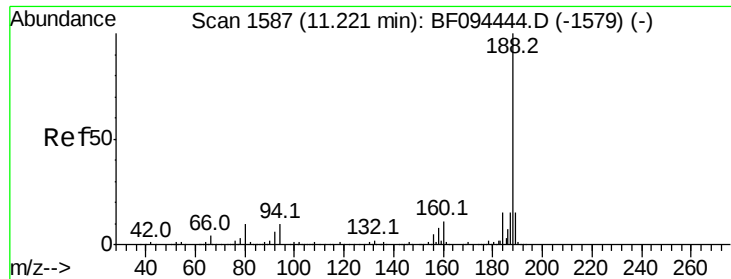
#62
Azobenzene
Concen: 42.34 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Tgt Ion: 77 Resp: 621096
Ion Ratio Lower Upper
77 100
182 27.8 0.1 40.1
105 24.6 3.6 43.6
51 26.2 9.4 49.4



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

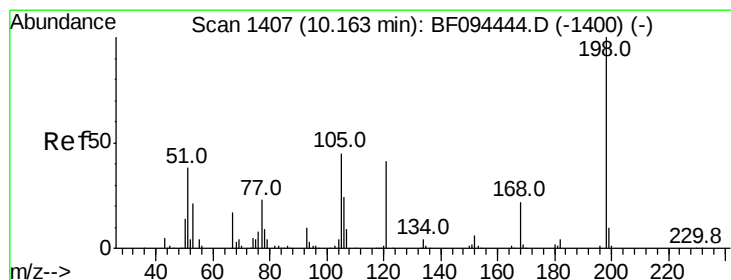
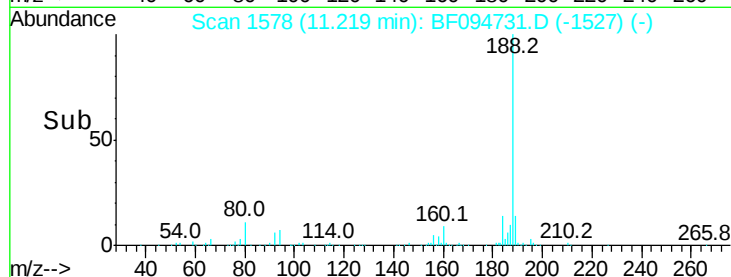
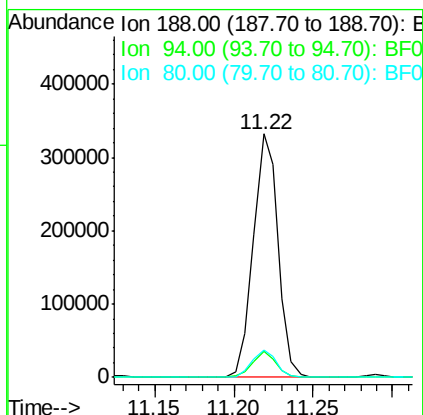
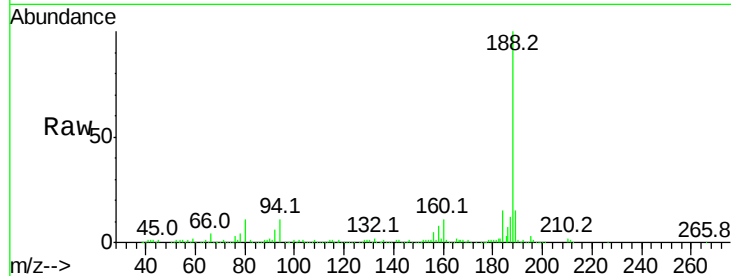




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

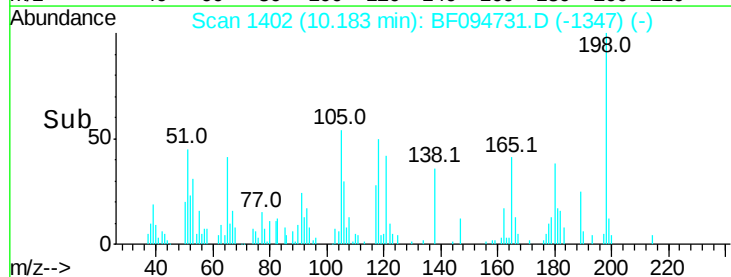
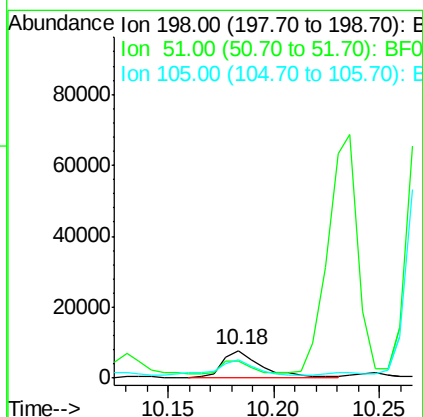
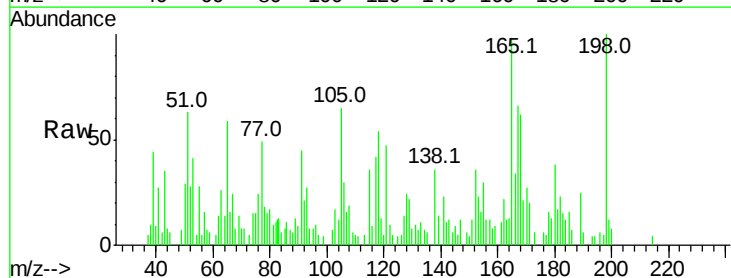
Instrument :
BNA_F
ClientSampleId :

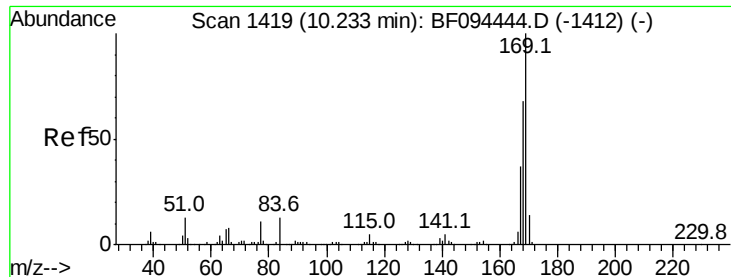
Tot Ion:188 Resp: 361263
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 4.30 ng
RT: 10.18 min Scan# 1402
Delta R.T. 0.02 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Tgt Ion:198 Resp: 10167
Ion Ratio Lower Upper
198 100
51 63.1 53.2 93.2
105 64.5 45.8 85.8

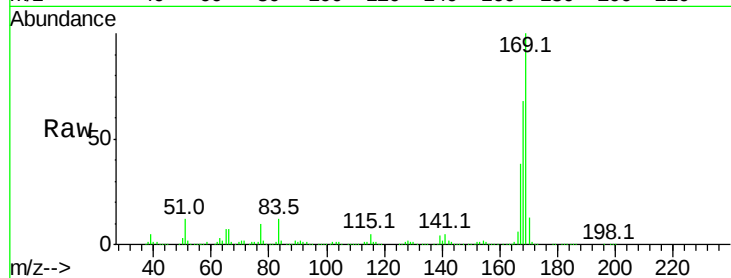




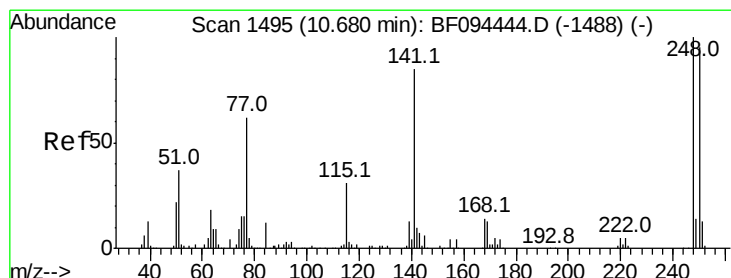
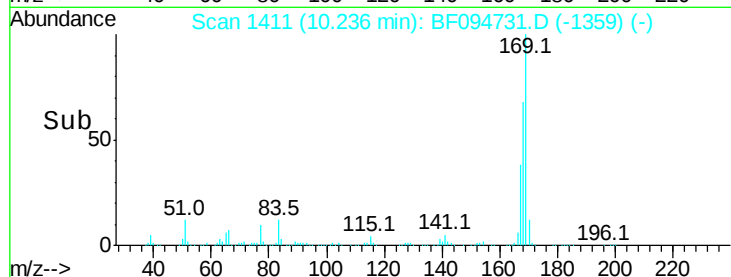
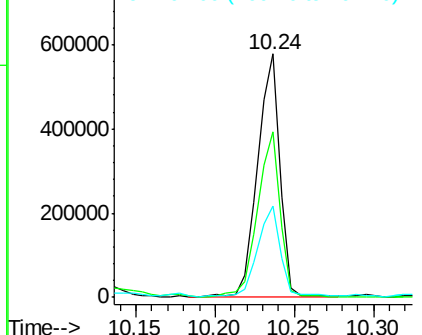
#65
n-Nitrosodiphenylamine
Concen: 45.00 ng
RT: 10.24 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 565373
Ion Ratio Lower Upper
169 100
168 68.0 53.2 79.8
167 37.5 29.5 44.3

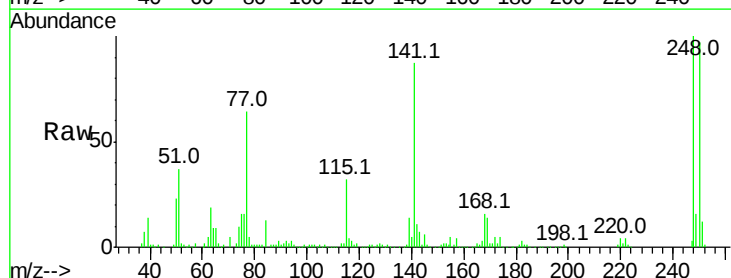


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

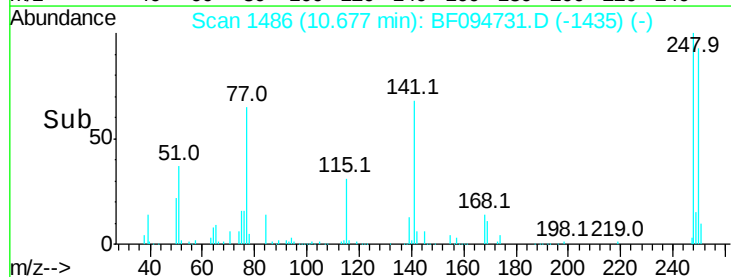
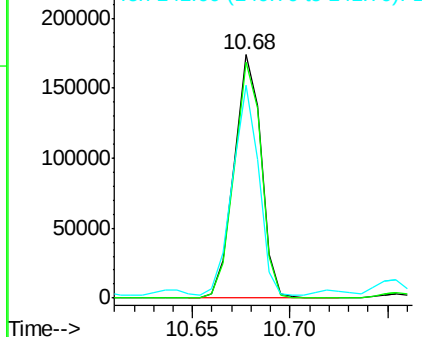


#66
4-Bromophenyl-phenylether
Concen: 46.74 ng
RT: 10.68 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Tgt Ion:248 Resp: 167653
Ion Ratio Lower Upper
248 100
250 96.8 76.8 115.2
141 87.3 68.6 103.0



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

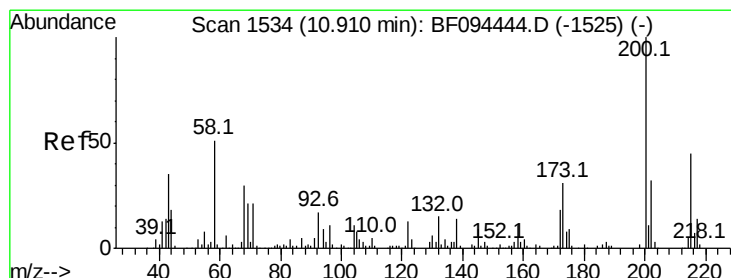
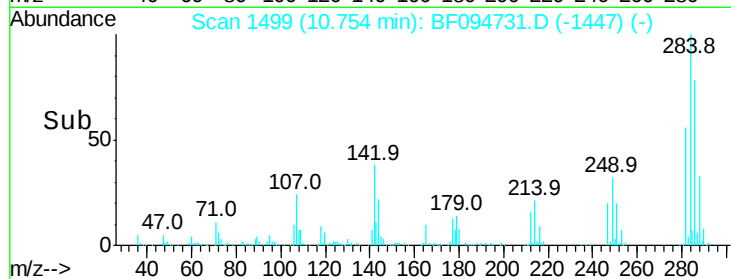
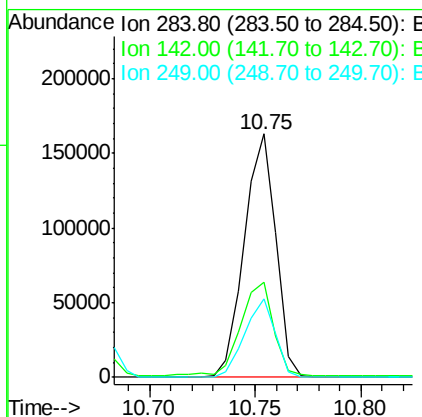
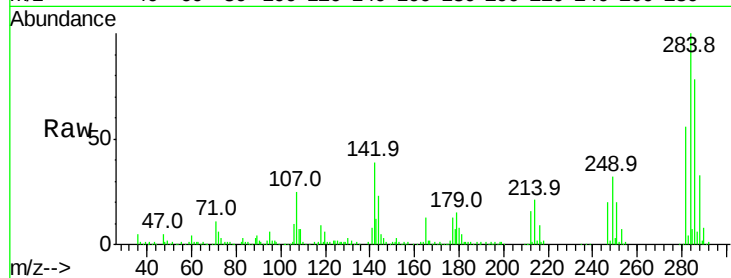




#67
Hexachlorobenzene
Concen: 46.61 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

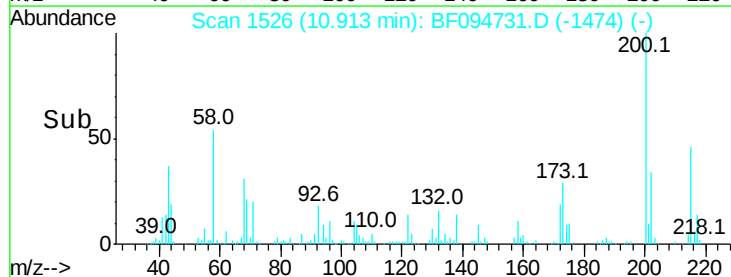
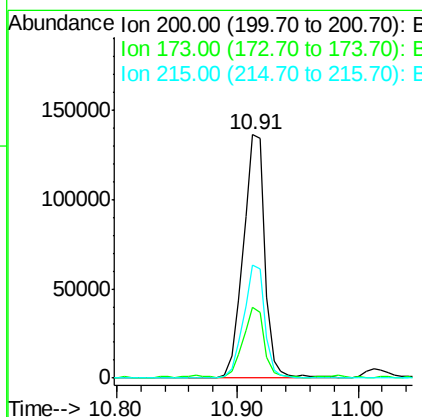
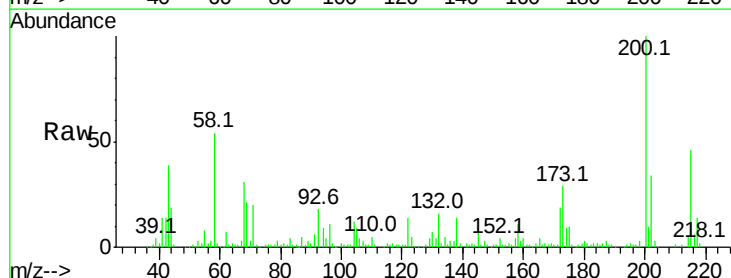
Instrument :
BNA_F
ClientSampled :

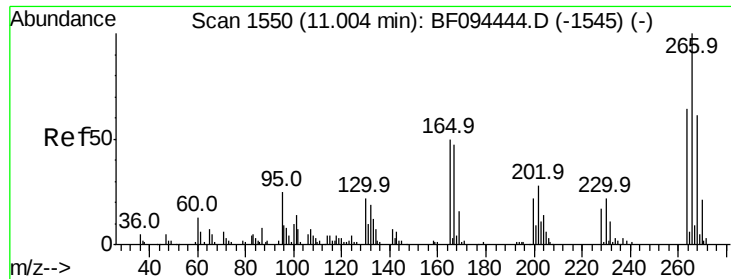
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.1	22.8	34.2#
249	32.4	24.0	36.0



#68
Atrazine
Concen: 45.71 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094731.D
Acq: 30 Apr 2017 22:47

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.3	6.3	46.3
215	46.4	27.2	67.2

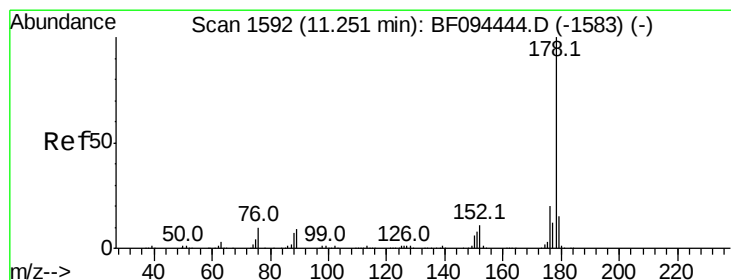
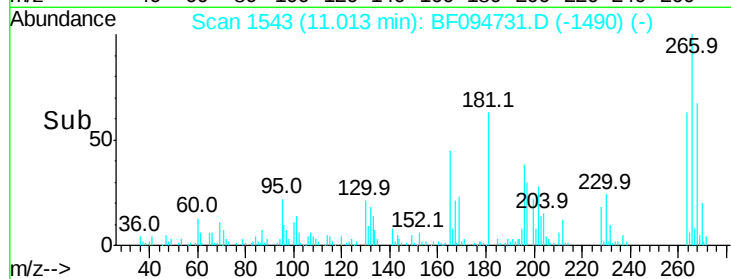
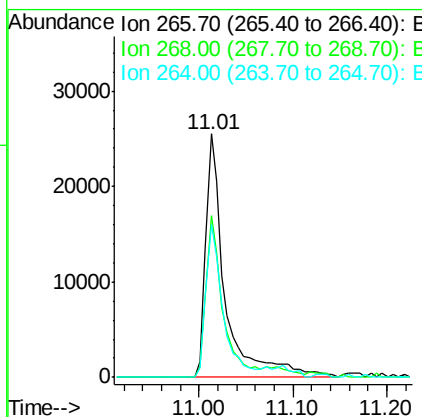
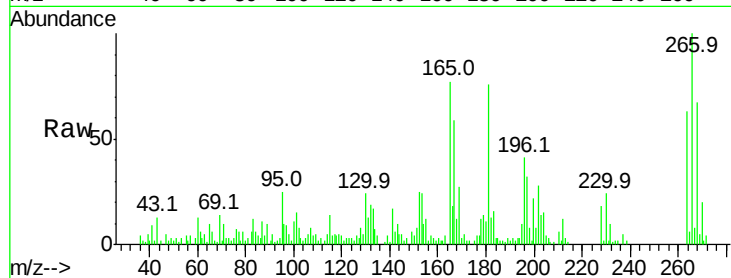




#69
 Pentachlorophenol
 Concen: 25.86 ng
 RT: 11.01 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

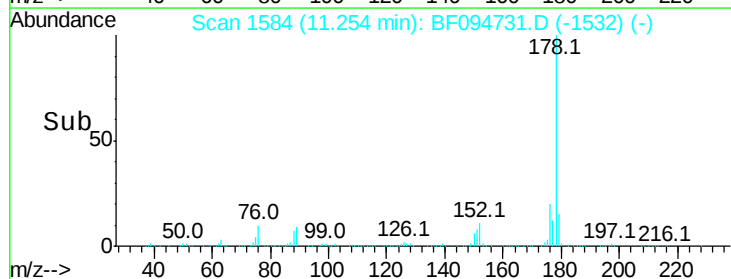
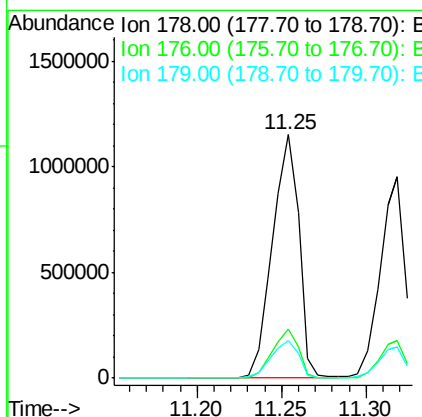
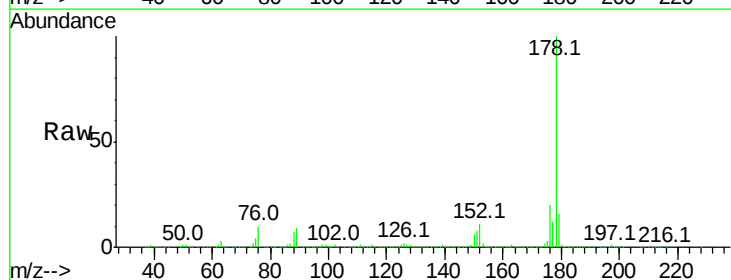
Instrument :
 BNA_F
 ClientSampleId :

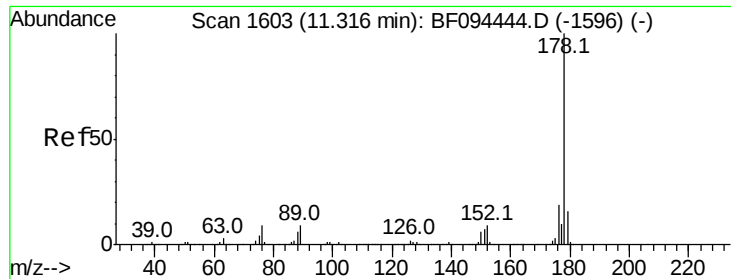
Tot Ion:266 Resp: 37126
 Ion Ratio Lower Upper
 266 100
 268 66.6 51.1 76.7
 264 62.7 51.7 77.5



#70
 Phenanthrene
 Concen: 61.36 ng
 RT: 11.25 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Tgt Ion:178 Resp: 1248386
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.7 12.6 19.0

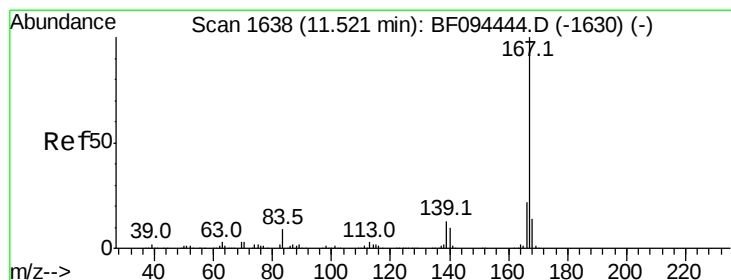
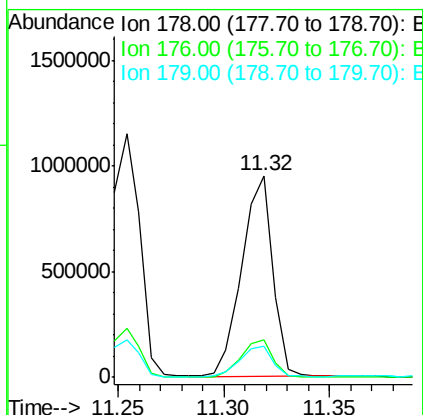
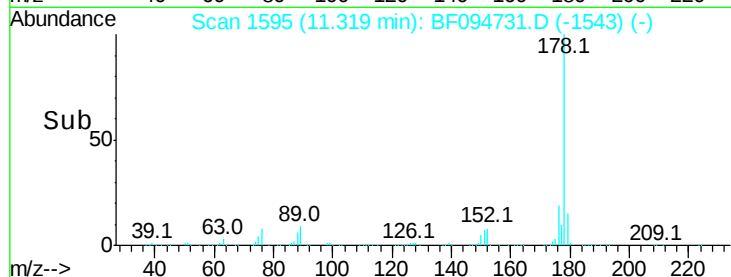
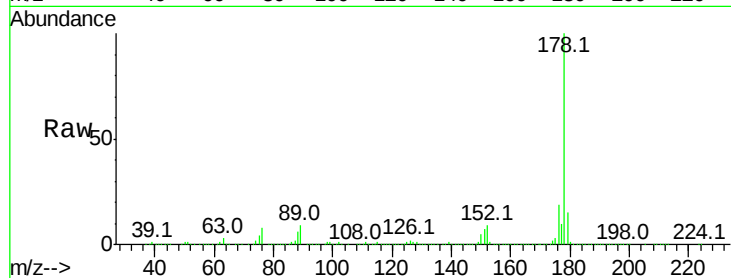




#71
 Anthracene
 Concen: 45.96 ng
 RT: 11.32 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

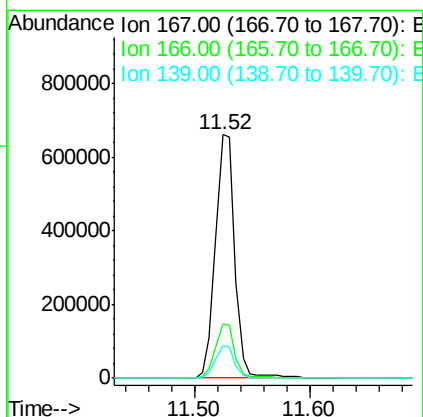
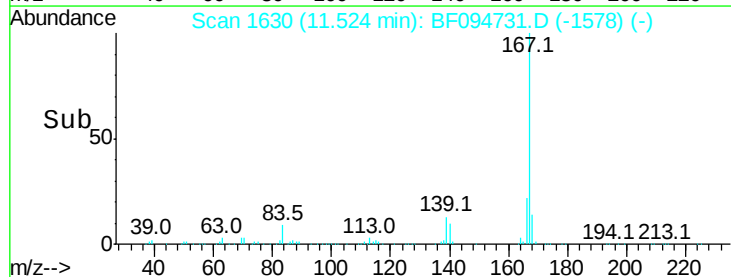
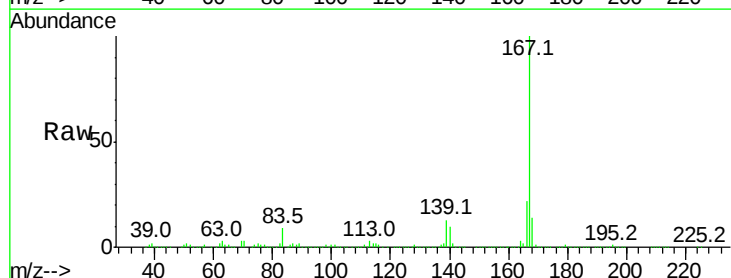
Instrument :
 BNA_F
 ClientSampleId :

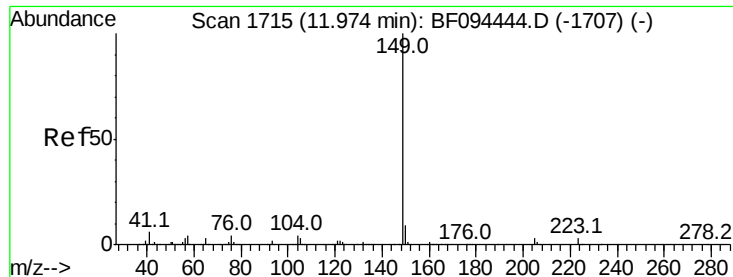
Tot Ion:178 Resp: 967258
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 38.65 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Tgt Ion:167 Resp: 763429
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.78 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampled :

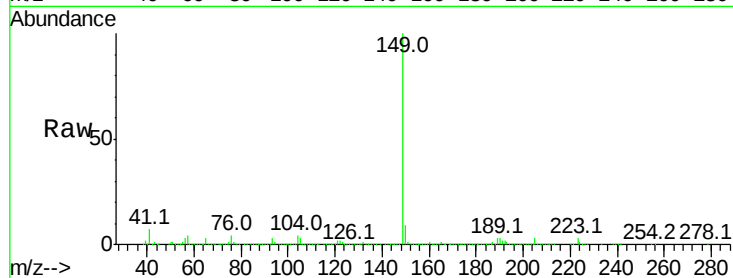
Tot Ion:149 Resp: 1017336

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

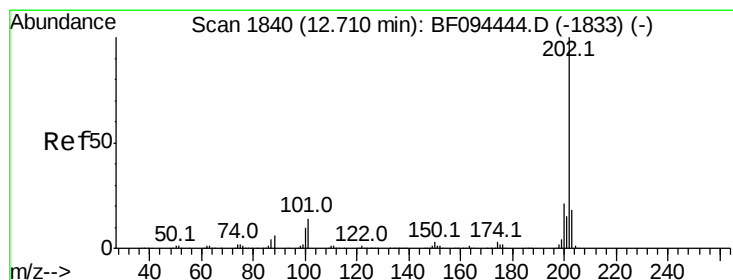
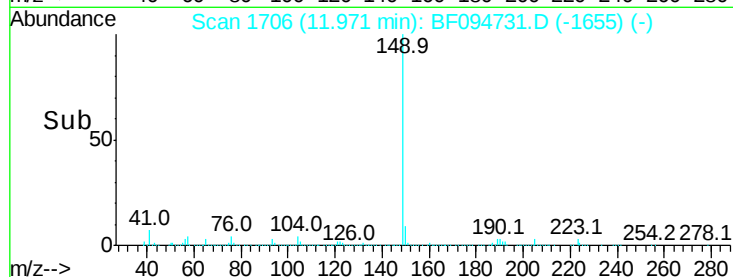
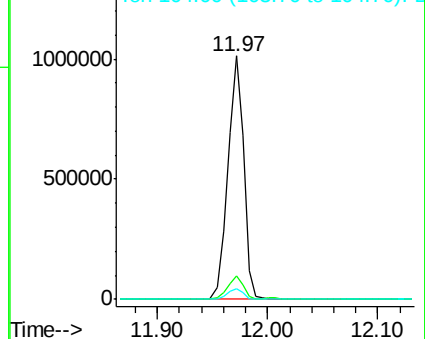
104 4.4 4.0 6.0



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: 41.19 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

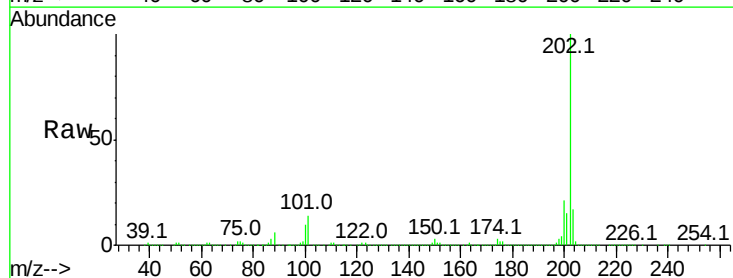
Tgt Ion:202 Resp: 868570

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

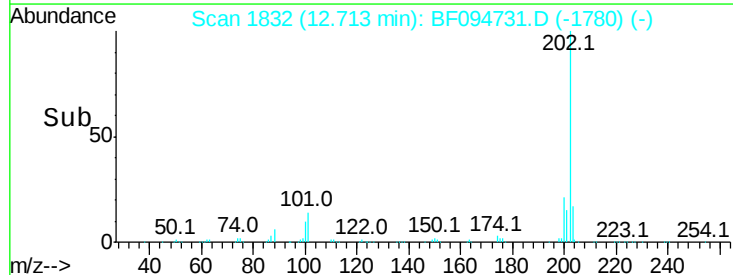
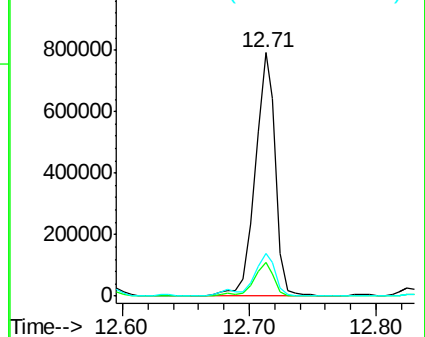
203 17.4 0.0 38.1

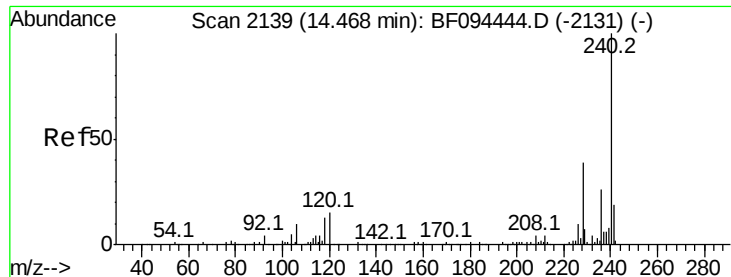


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

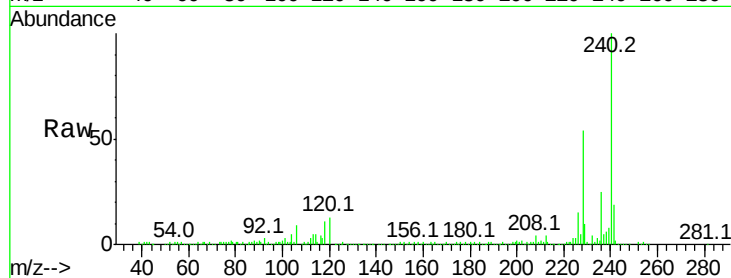
Tot Ion:240 Resp: 229758

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

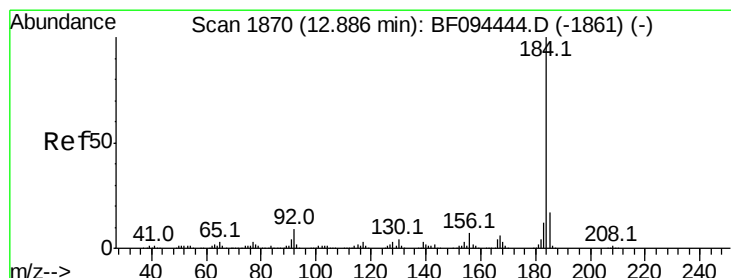
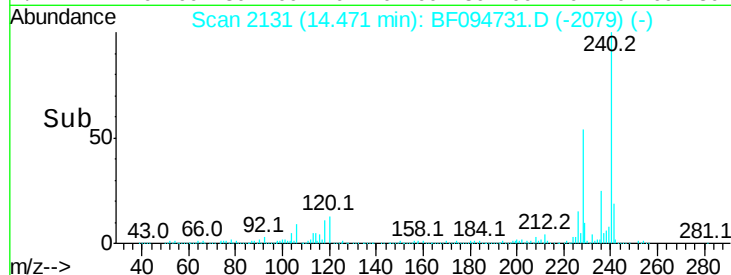
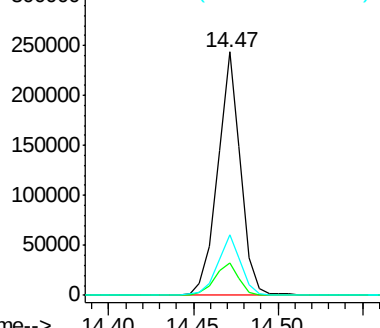
236 24.8 20.5 30.7



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: 12.96 ng

RT: 12.89 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

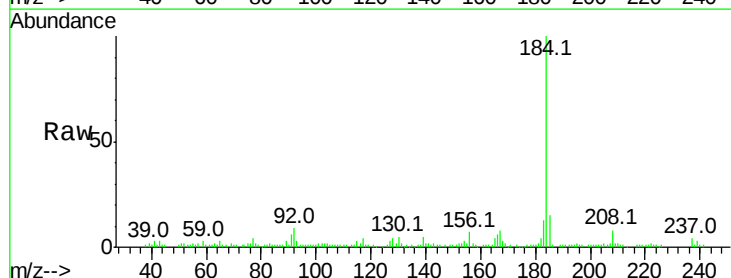
Tgt Ion:184 Resp: 120591

Ion Ratio Lower Upper

184 100

185 14.7 15.5 23.3#

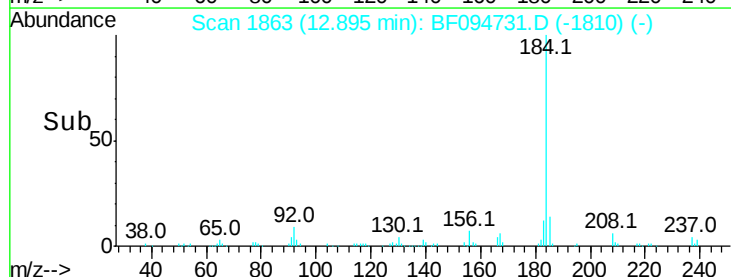
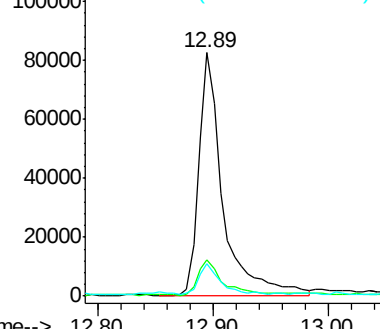
183 13.1 9.8 14.6

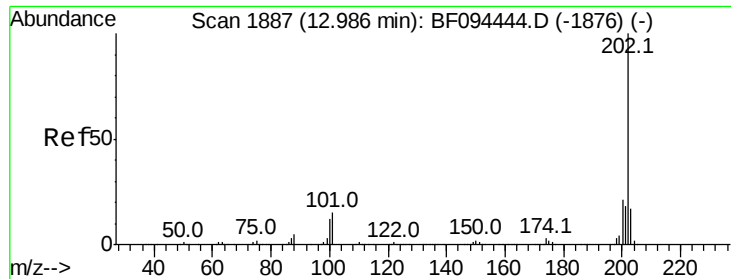


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 54.99 ng

RT: 12.99 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

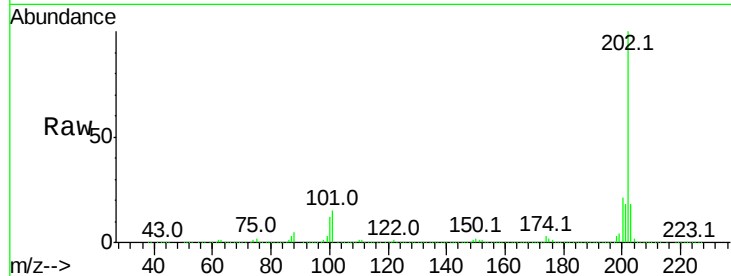
Tot Ion:202 Resp: 882742

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

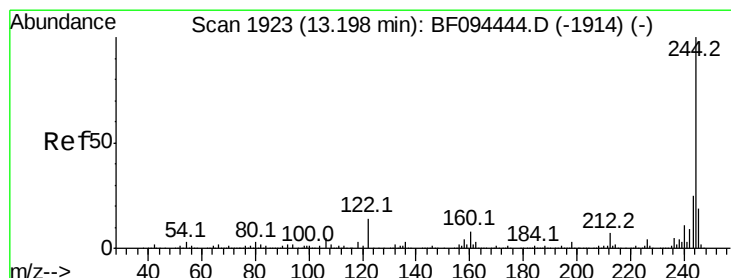
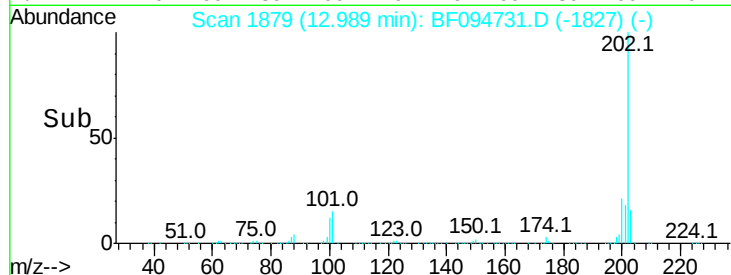
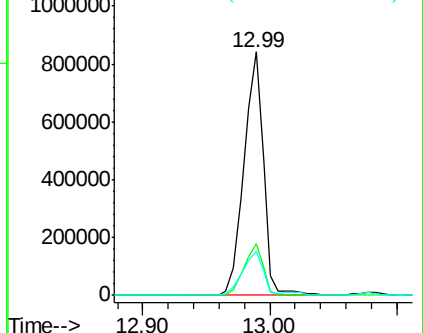
203 17.9 14.4 21.6



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: 104.89 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

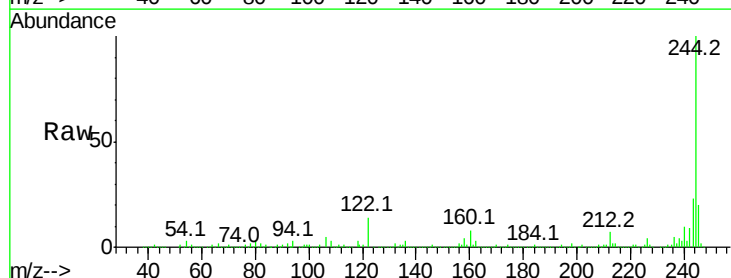
Tgt Ion:244 Resp: 901586

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

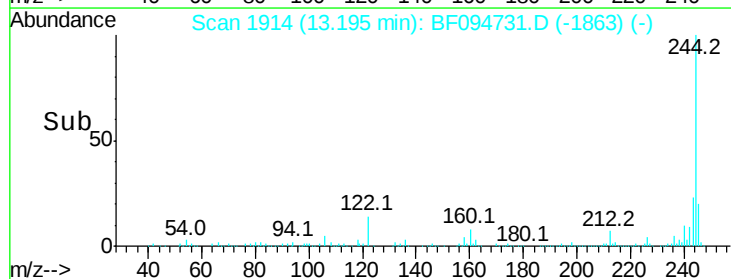
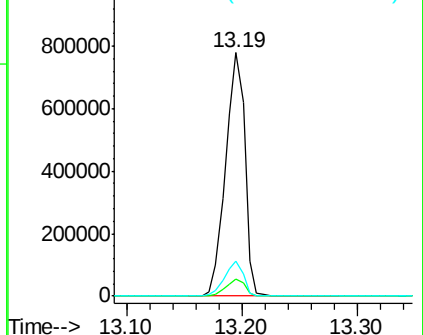
122 14.3 10.3 15.5

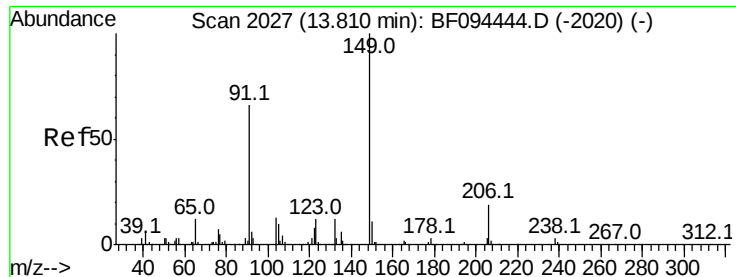


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 50.62 ng

RT: 13.81 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

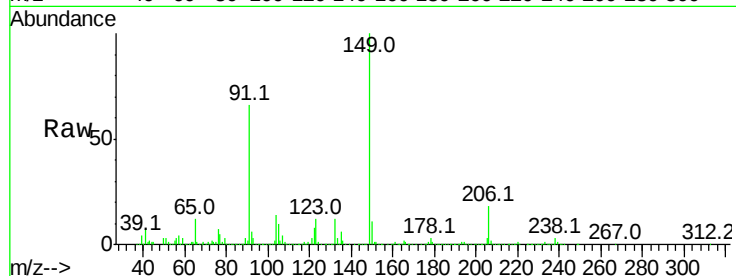
Tot Ion:149 Resp: 356096

Ion Ratio Lower Upper

149 100

91 66.2 45.0 67.4

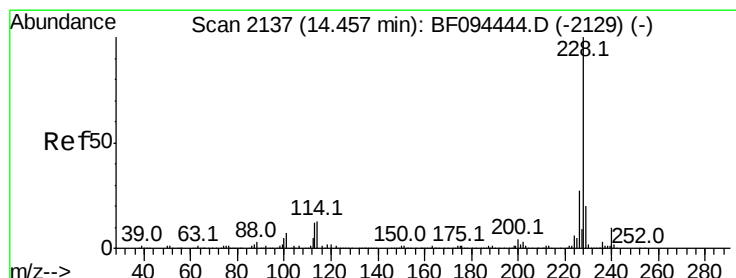
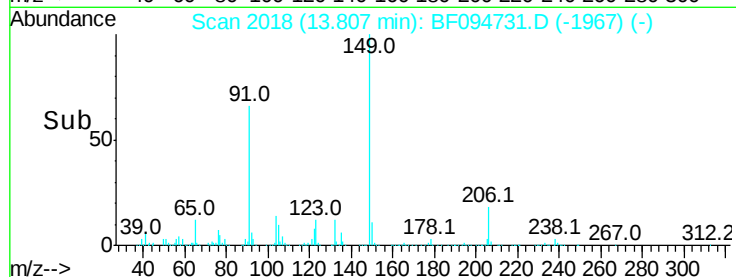
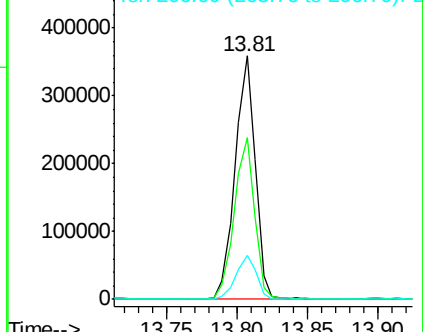
206 18.1 17.0 25.6



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: 44.95 ng

RT: 14.46 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

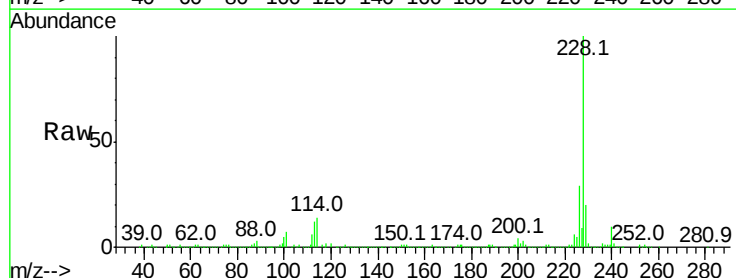
Tgt Ion:228 Resp: 600303

Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

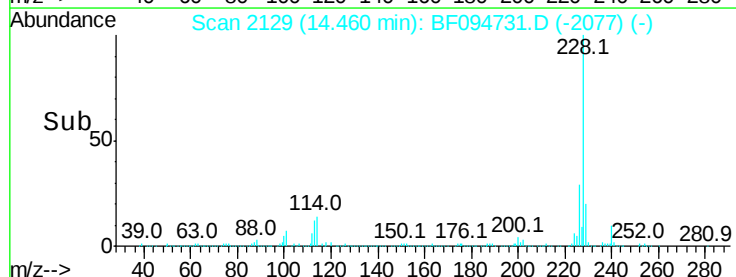
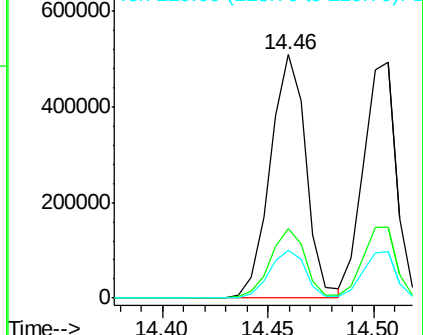
229 19.7 16.3 24.5

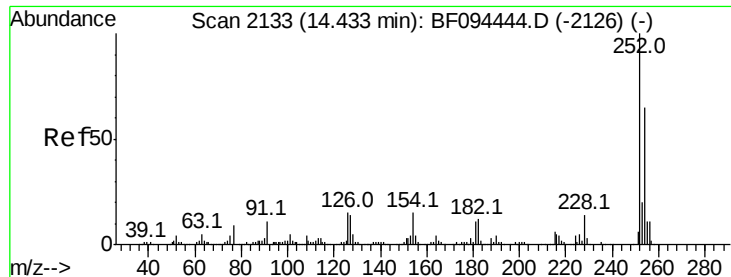


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

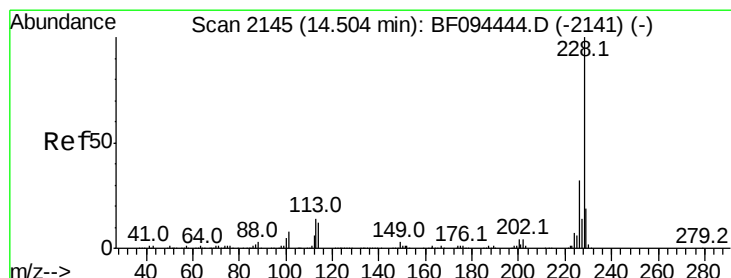
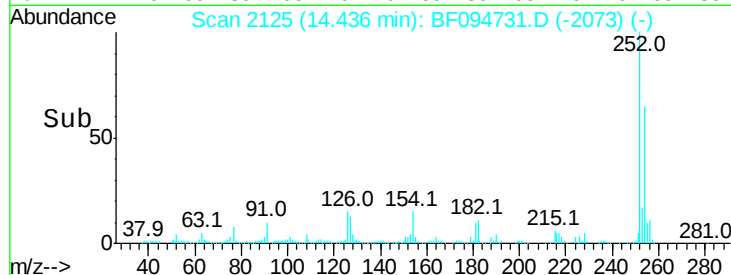
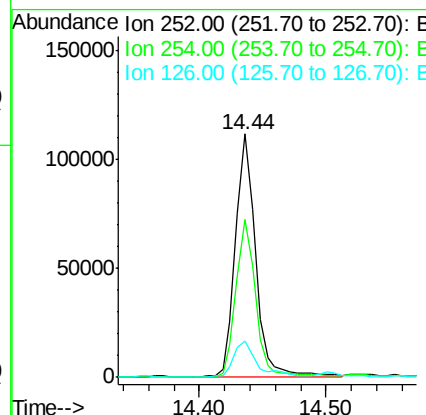
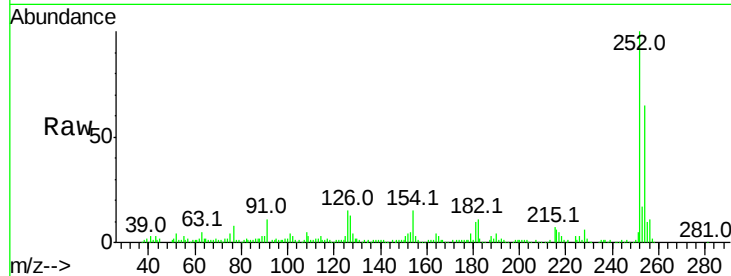




#81
 3,3'-Dichlorobenzidine
 Concen: 26.27 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

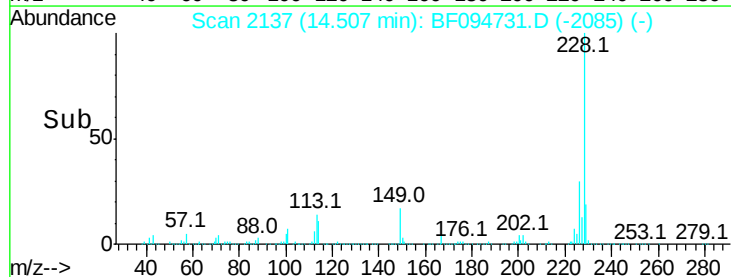
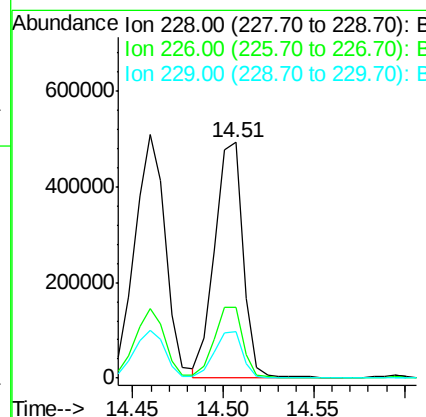
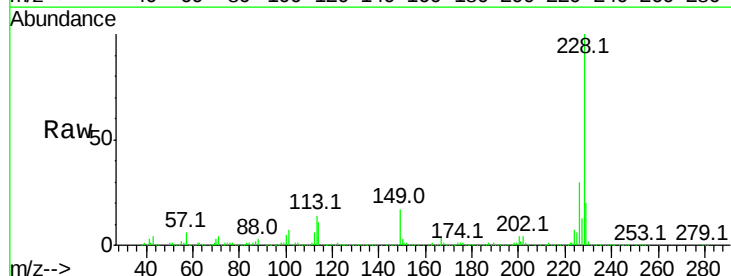
Instrument :
 BNA_F
 ClientSampled :

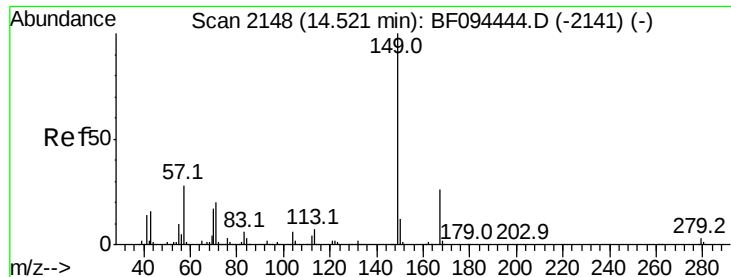
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.5	77.3
126	14.7	15.8	23.8



#82
 Chrysene
 Concen: 44.05 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.79 ng

RT: 14.52 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

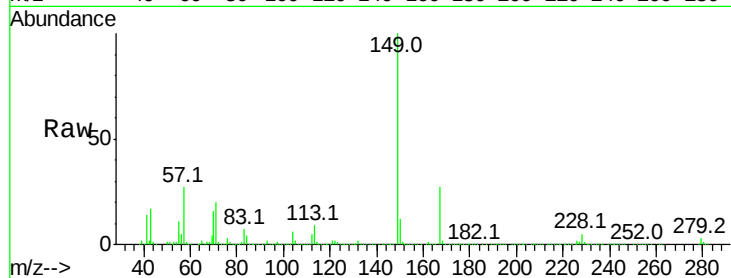
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 517496

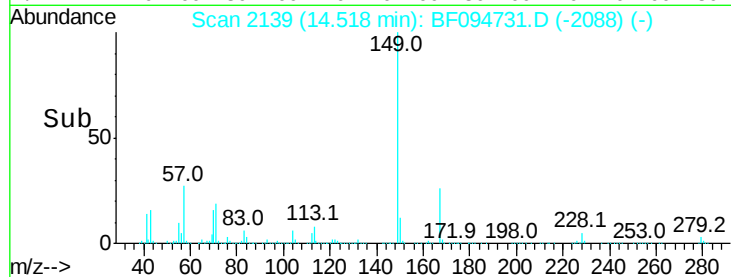
Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	2.8	1.9	2.9



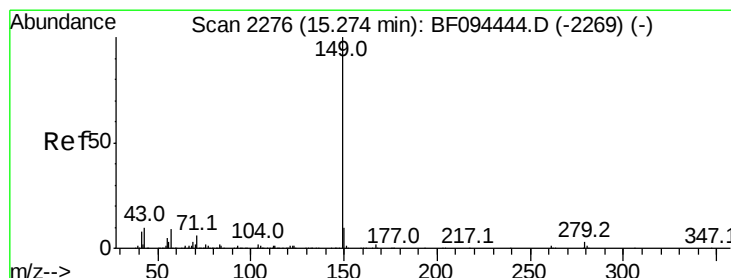
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 49.53 ng

RT: 15.27 min Scan# 2267

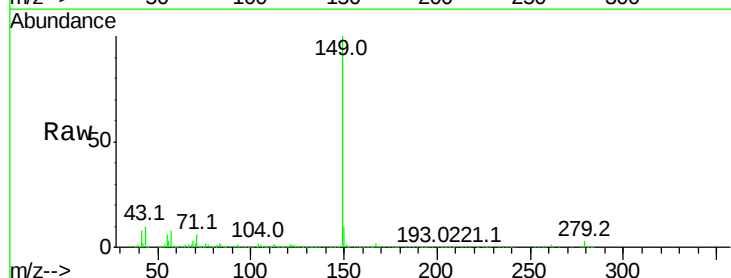
Delta R.T. -0.00 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Tgt Ion:149 Resp: 784709

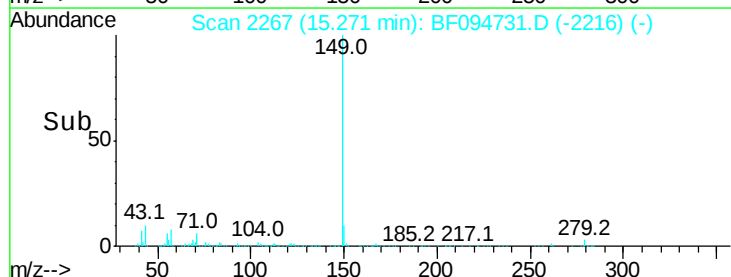
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.3	8.5	12.7



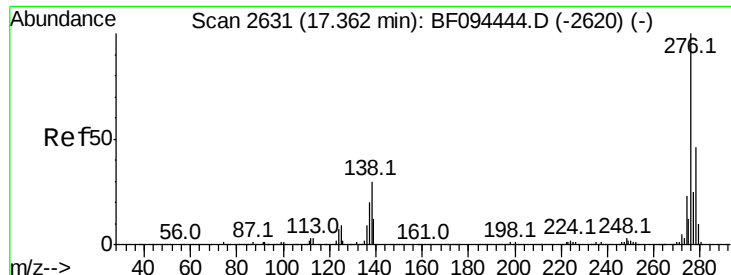
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



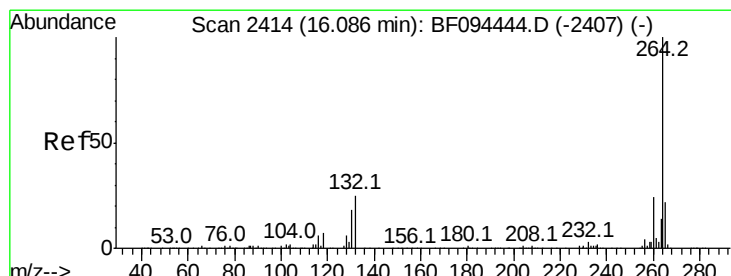
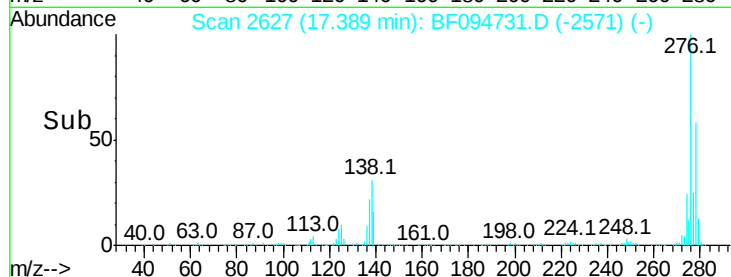
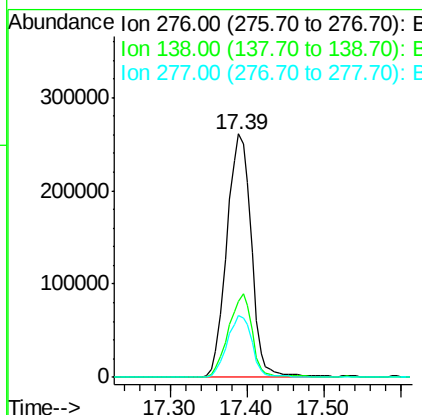
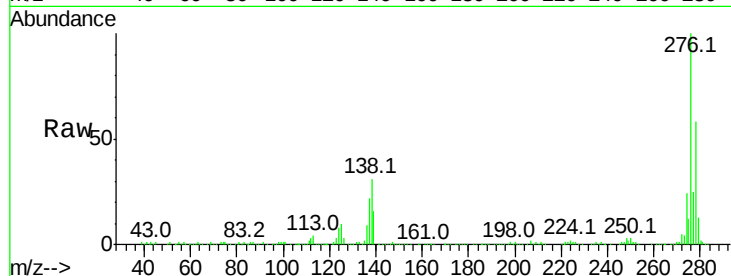
Time-->



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.27 ng
 RT: 17.39 min Scan# 2627
 Delta R.T. 0.03 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

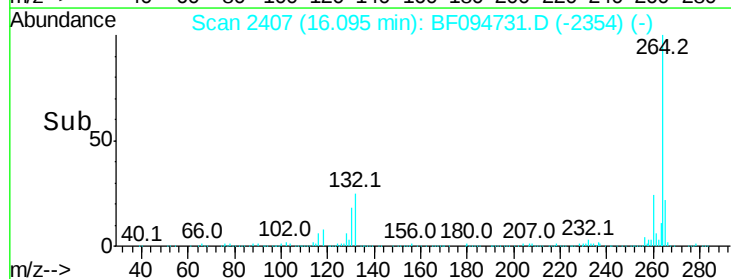
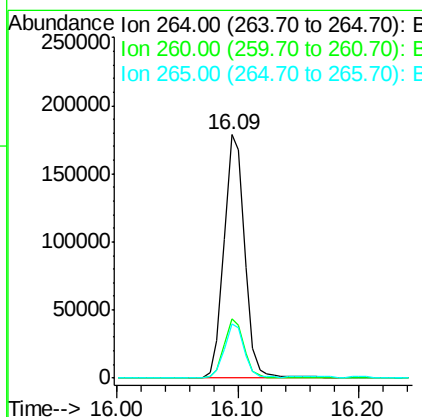
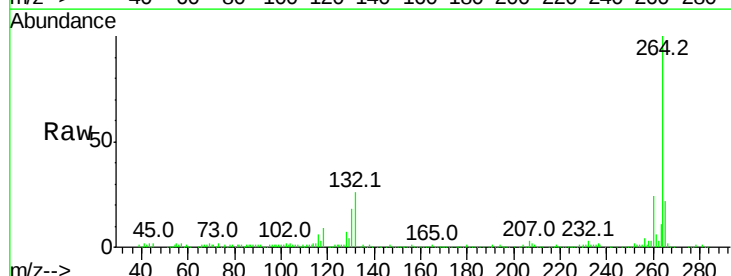
Instrument :
 BNA_F
 ClientSampleId :

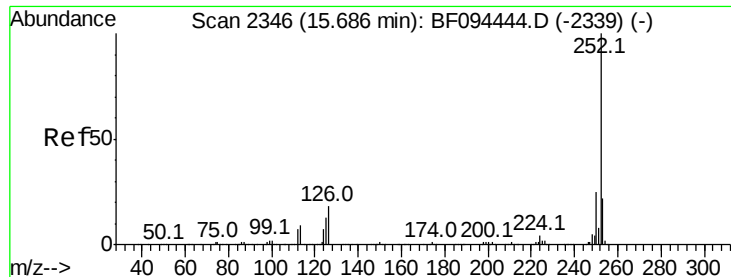
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	27.8	41.6
277	25.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.97 ng

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

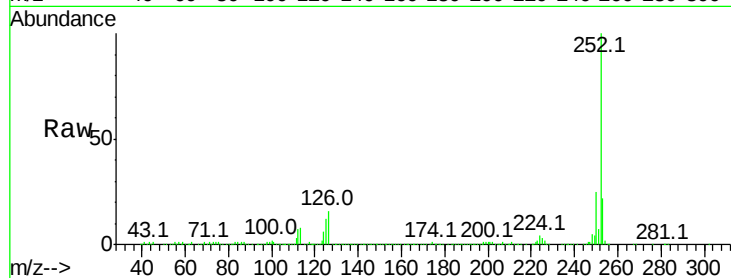
Tot Ion:252 Resp: 559321

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

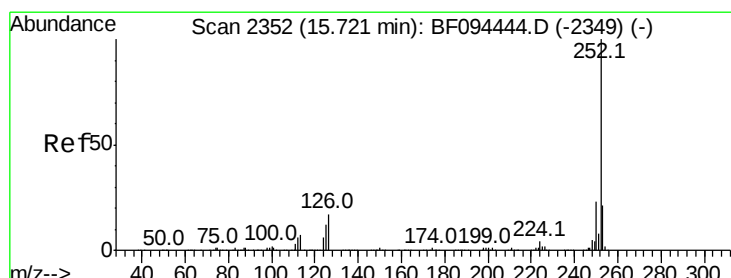
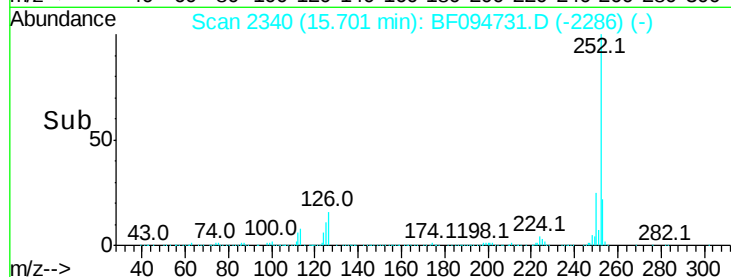
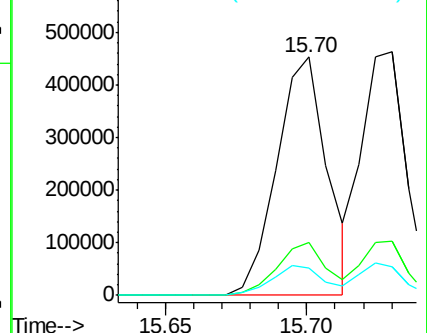
125 11.5 9.8 14.8



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: 40.96 ng

RT: 15.73 min Scan# 2345

Delta R.T. 0.01 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

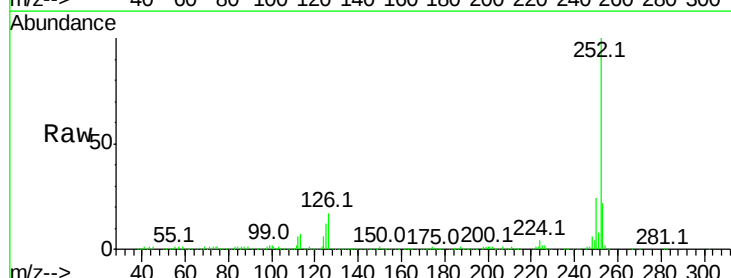
Tgt Ion:252 Resp: 504564

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

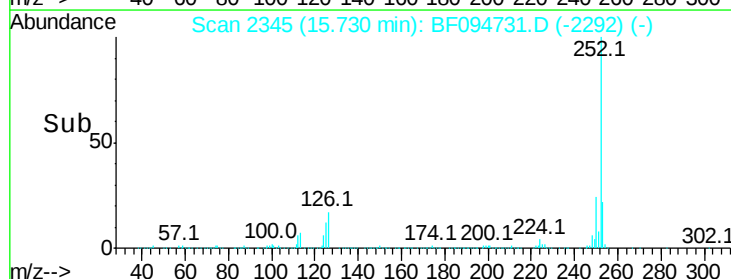
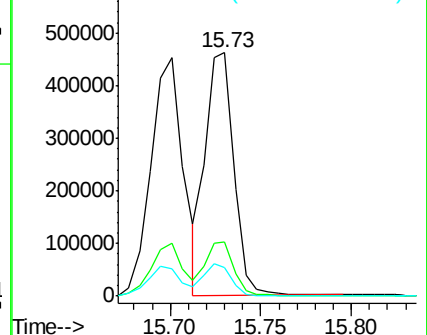
125 11.9 13.1 19.7#

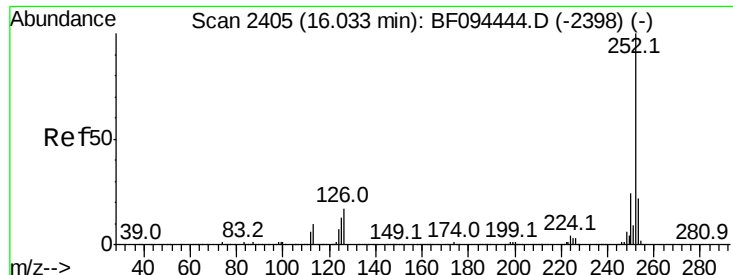


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.38 ng

RT: 16.04 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

Instrument :

BNA_F

ClientSampleId :

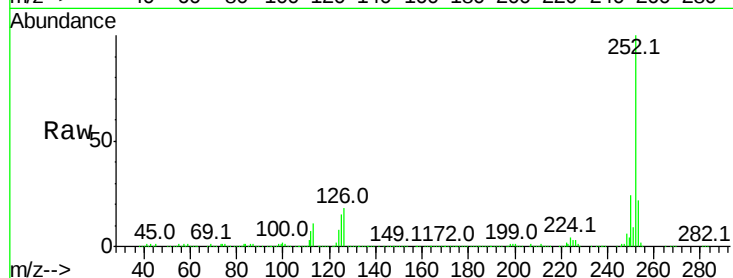
Tot Ion:252 Resp: 525296

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

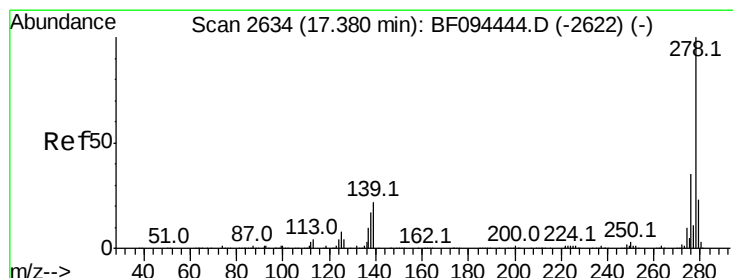
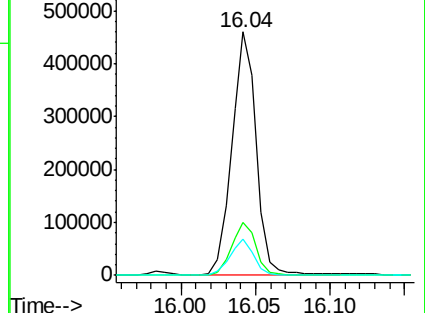
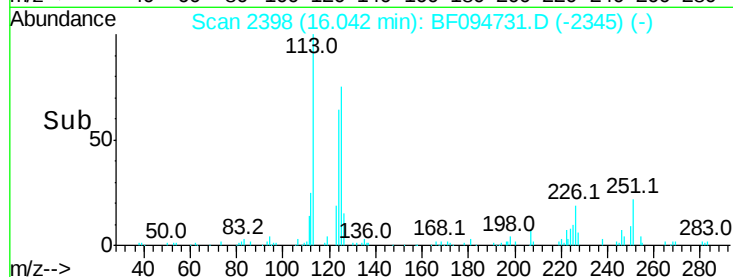
125 14.7 11.0 16.4



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: 47.30 ng

RT: 17.40 min Scan# 2629

Delta R.T. 0.02 min

Lab File: BF094731.D

Acq: 30 Apr 2017 22:47

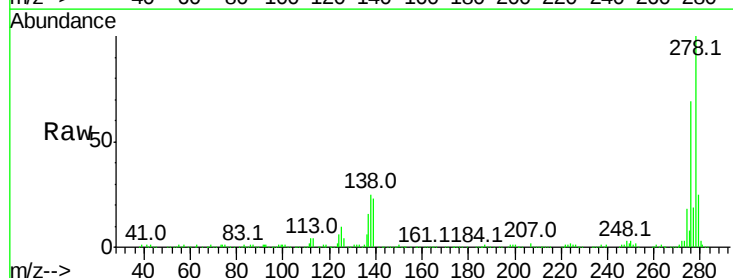
Tgt Ion:278 Resp: 475610

Ion Ratio Lower Upper

278 100

139 22.8 16.6 24.8

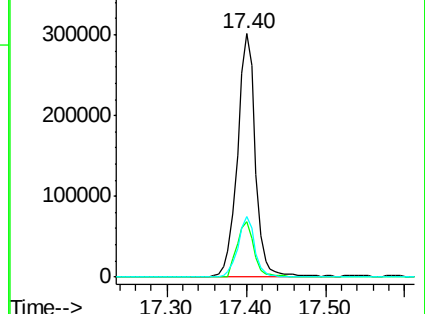
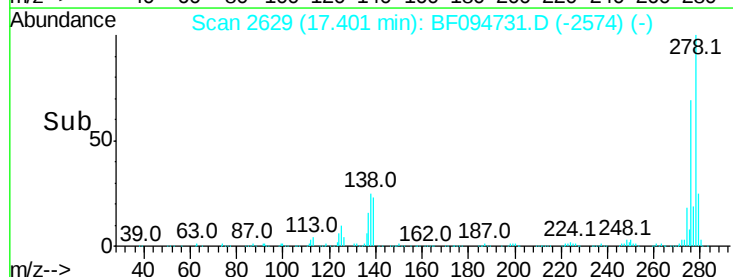
279 24.6 19.3 28.9

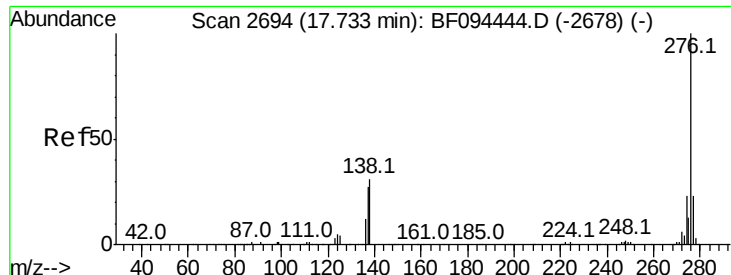


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

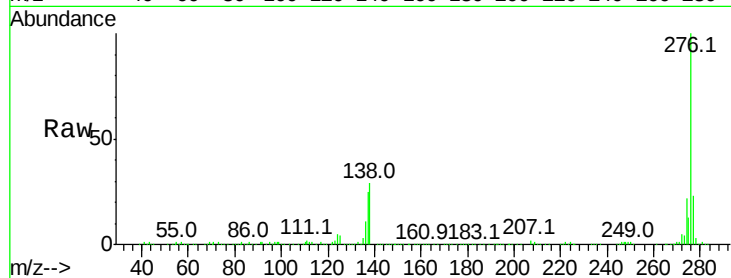




#91
 Benzo(a,h,i)perylene
 Concen: 47.70 ng
 RT: 17.77 min Scan# 2691
 Delta R.T. 0.03 min
 Lab File: BF094731.D
 Acq: 30 Apr 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	29.4	25.4	38.0



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

