Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099115.D
Acq On : 5 Oct 2017 20:45
Operator : SJ/JU
Sample : I5604-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 06 02:12:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	132732	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	551243	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	250801	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	451018	20.00	ng		0.00
75) Chrysene-d12	14.03	240	346758	20.00	ng		0.00
86) Perylene-d12	15.50	264	241142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.26	99	121	0.01	ng		-0.24
23) Nitrobenzene-d5	0.00	82	0	0.00	ng		
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.22	172	361	0.02	ng		-0.01
78) Terphenyl-d14	12.96	244	1142	0.07	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	7.00	79	8193	1.09	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.98	45	126	0.01	ng		70
17) 2-Methylphenol	7.00	107	4746	0.61	ng	#	44
20) 3+4-Methylphenols	7.00	107	4747	0.49	ng	#	21
22) Acetophenone	7.27	105	807	0.06	ng	#	69
24) Nitrobenzene	7.27	77	393	0.04	ng	#	38
31) Naphthalene	8.16	128	25983	1.00	ng		99
33) 4-Chloroaniline	8.16	127	3394	0.31	ng	#	34
37) 2-Methylnaphthalene	8.86	142	3993	0.24	ng		100
45) 1,1'-Biphenyl	9.32	154	655	0.03	ng	#	42
48) Acenaphthylene	9.93	152	860	0.03	ng	#	1
50) 2,6-Dinitrotoluene	9.90	165	31715	7.70	ng	#	25
51) Acenaphthene	9.93	154	1623	0.10	ng		84
54) Dibenzofuran	10.10	168	1308	0.06	ng	#	96
55) 4-Nitrophenol	10.10	139	566	0.14	ng	#	9
56) 2,4-Dinitrotoluene	9.90	165	31715	5.93	ng	#	23
57) Fluorene	10.45	166	1315	0.08	ng	#	94
59) Diethylphthalate	10.31	149	1285	0.07	ng	#	87
70) Phenanthrene	11.41	178	3569	0.15	ng		98
71) Anthracene	11.41	178	3569	0.14	ng		98
73) Di-n-butylphthalate	11.94	149	3663	0.13	ng	#	90
74) Fluoranthene	12.60	202	564	0.02	ng		62
76) Benzidine	12.72	184	889	0.07	ng	#	66
77) Pyrene	12.83	202	678	0.03	ng	#	57
80) Benzo(a)anthracene	14.02	228	854	0.04	ng	#	51
82) Chrysene	14.02	228	854	0.04	ng	#	48
83) Bis(2-ethylhexyl)phthalate	13.99	149	732	0.04	ng	#	88
89) Benzo(a)pyrene	15.49	252	705	0.05	ng	#	60

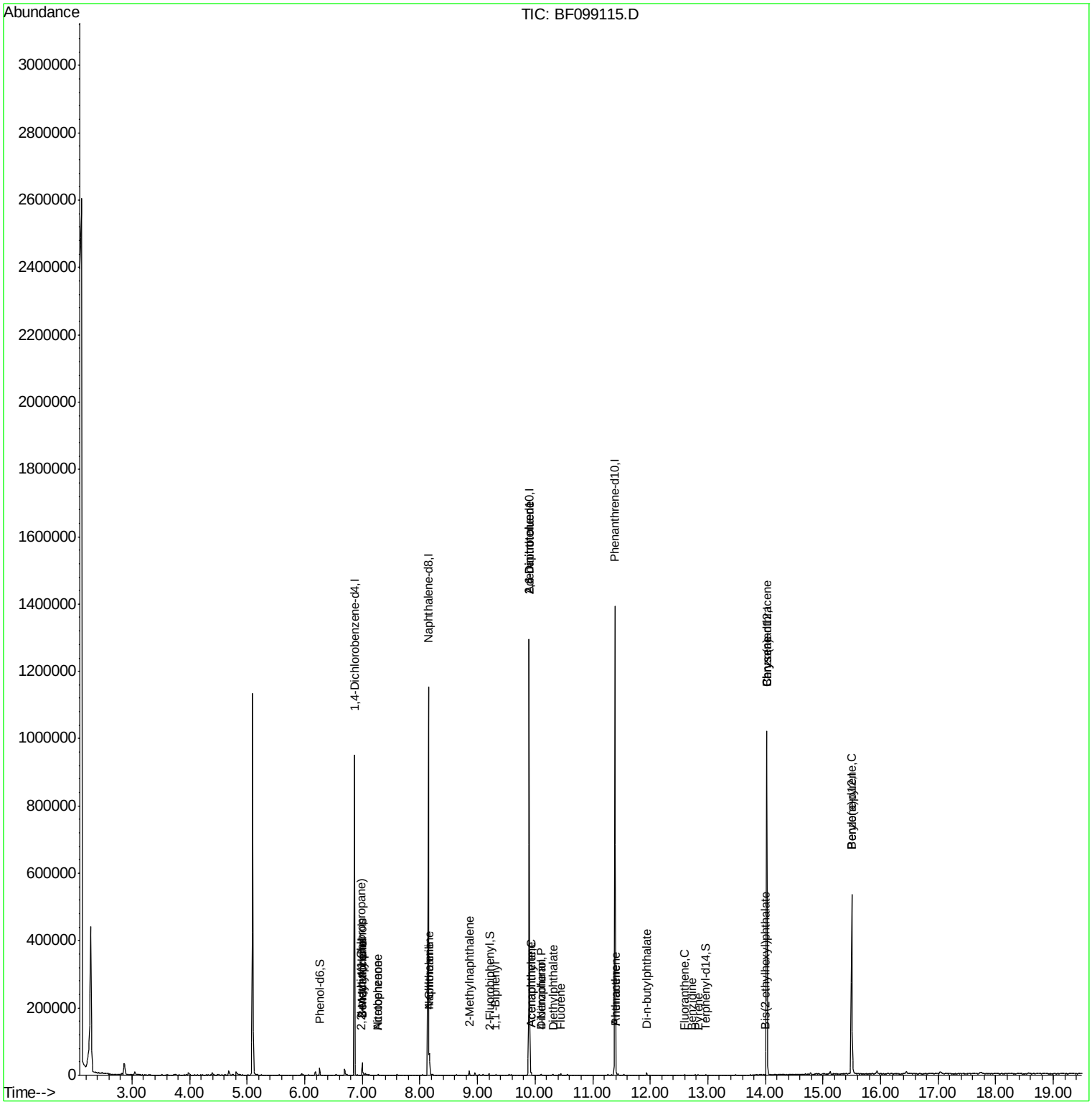
(#) = qualifier out of range (m) = manual integration (+) = signals summed

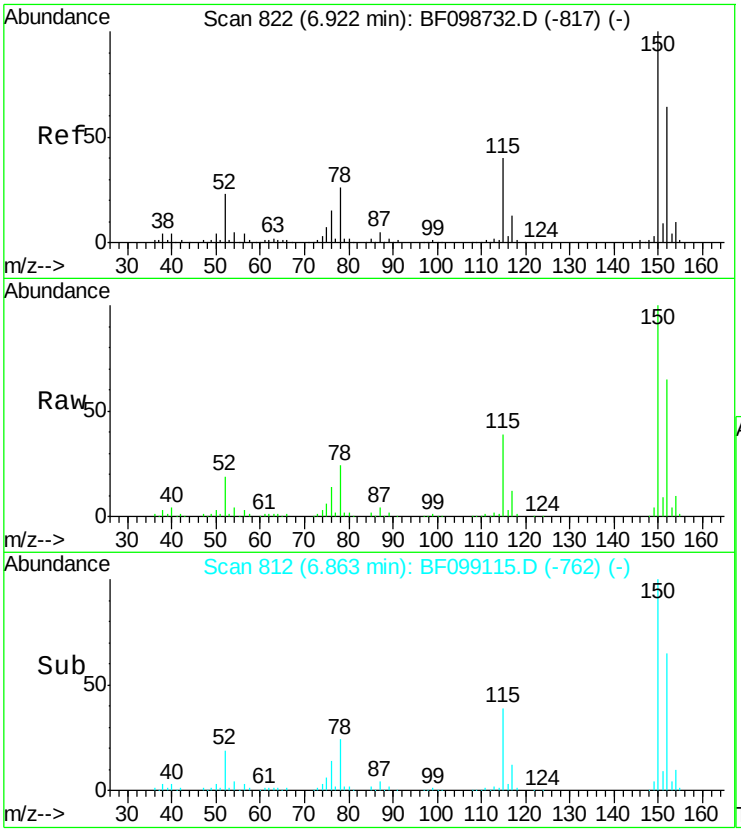
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099115.D
Acq On : 5 Oct 2017 20:45
Operator : SJ/JU
Sample : I5604-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 06 02:12:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration



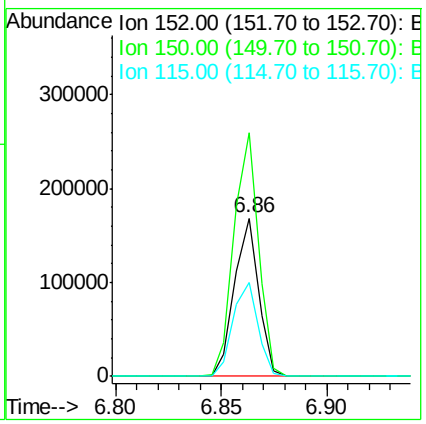


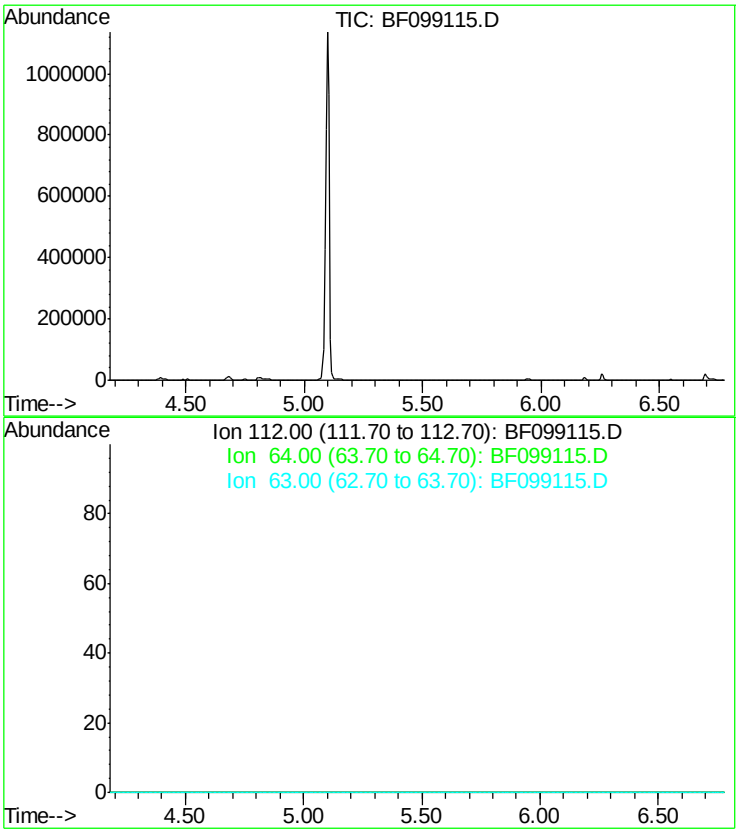
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:152 Resp: 132732

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	59.5	50.1	75.1

Instrument :
BNA_F
ClientSampleId :



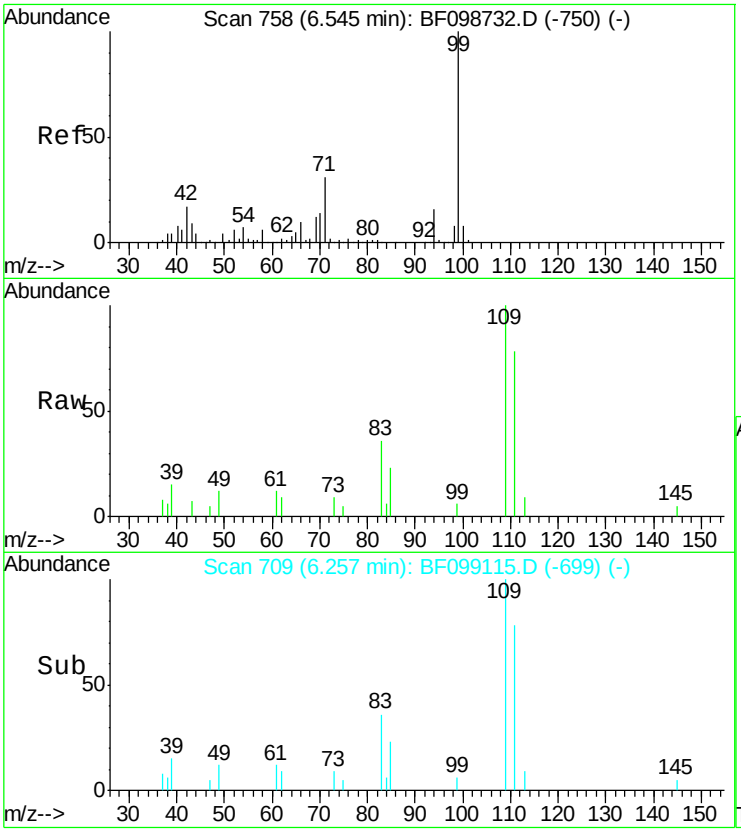


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.48 min

Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.9
63	29.6

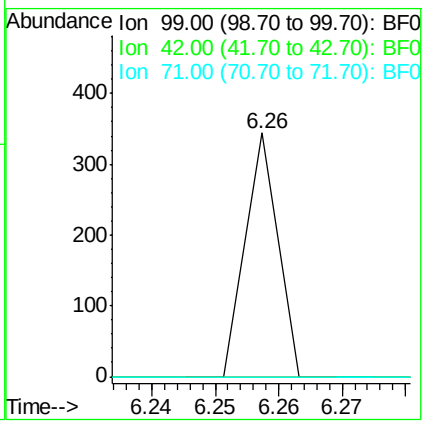


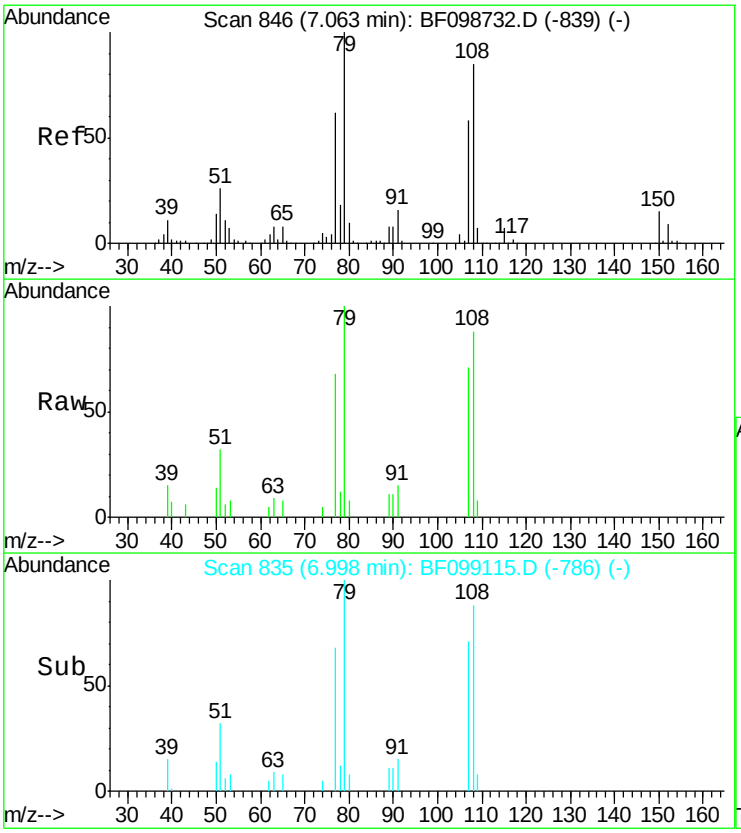
#7
Phenol-d6
Concen: 0.01 ng
RT: 6.26 min Scan# 709
Delta R.T. -0.24 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 121

Ion	Ratio	Lower	Upper
99	100		
42	0.0	14.5	21.7#
71	0.0	25.4	38.0#

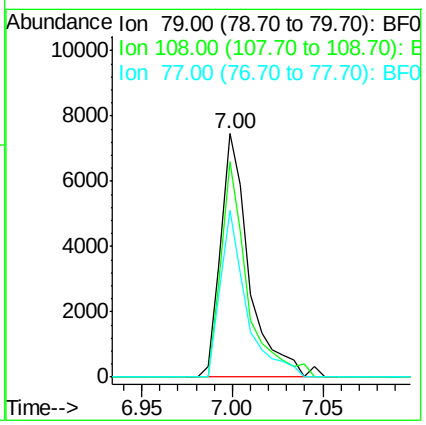


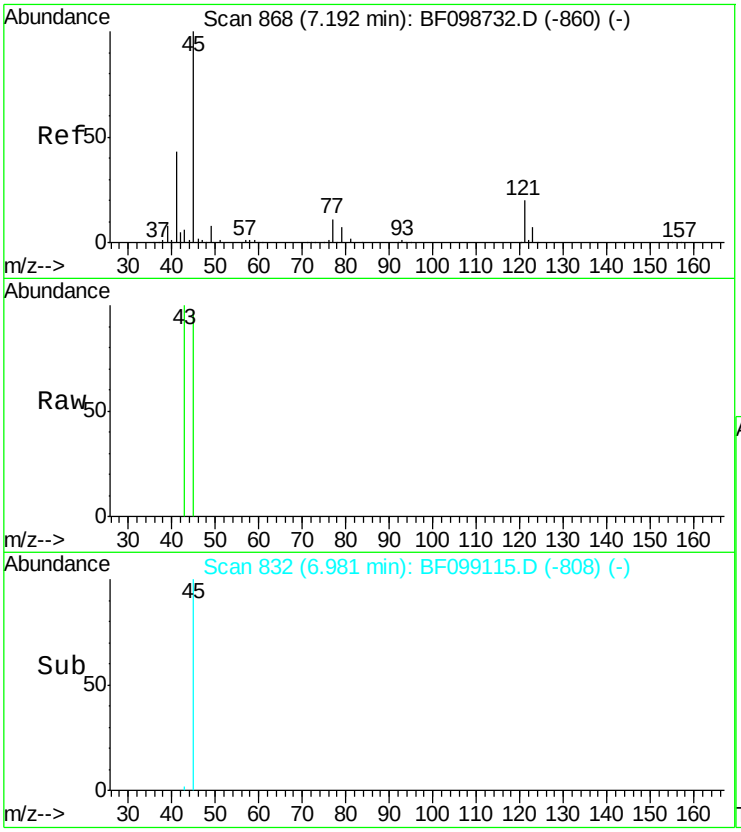


#15
Benzyl Alcohol
Concen: 1.09 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion: 79 Resp: 8193

Ion	Ratio	Lower	Upper
79	100		
108	88.4	65.1	97.7
77	68.4	50.6	75.8



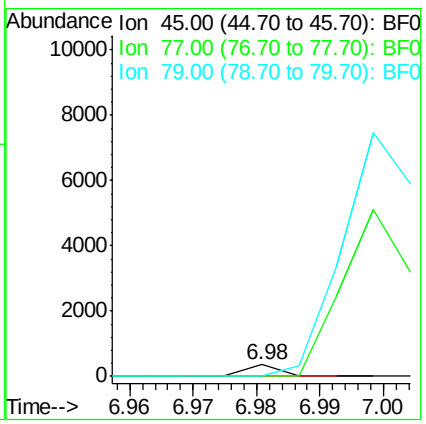


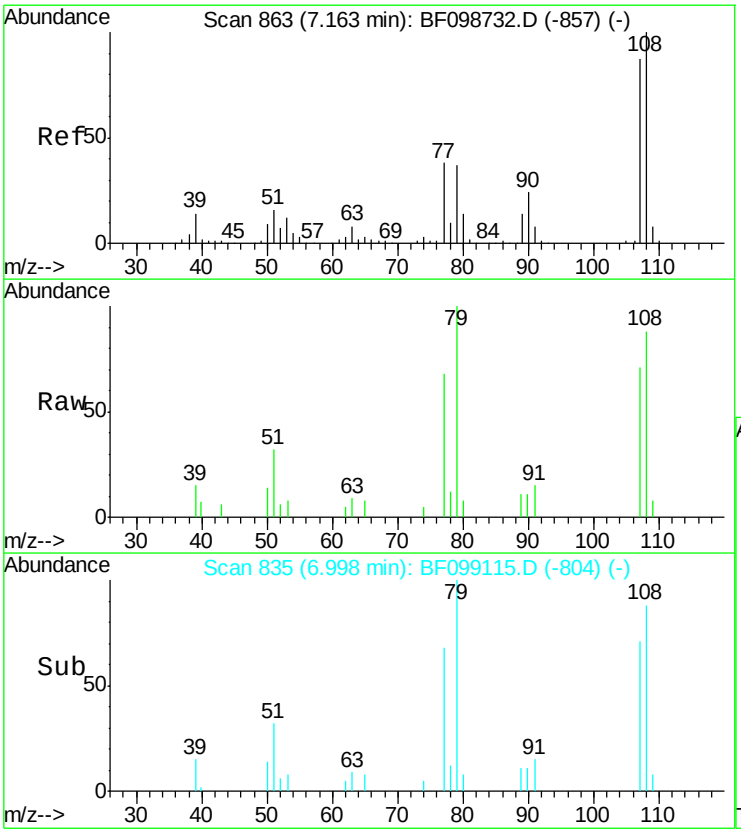
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.16 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 126

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.9
79	0.0	0.0	29.6

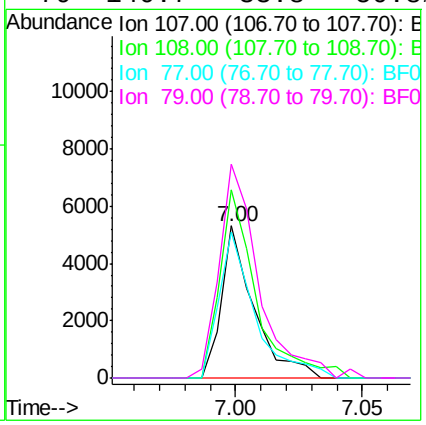


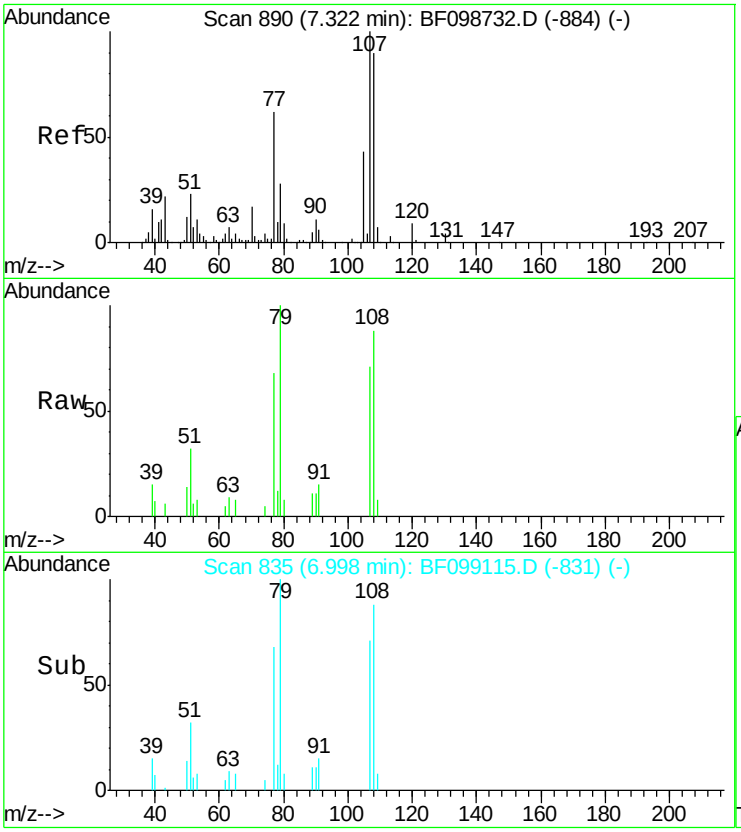


#17
2-Methylphenol
Concen: 0.61 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.12 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:107 Resp: 4746

Ion	Ratio	Lower	Upper
107	100		
108	124.4	91.7	137.5
77	96.2	33.8	50.8#
79	140.7	33.8	50.8#



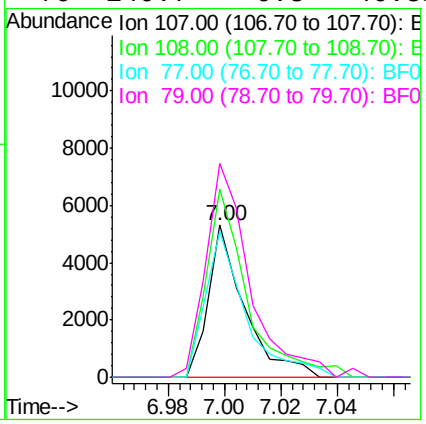


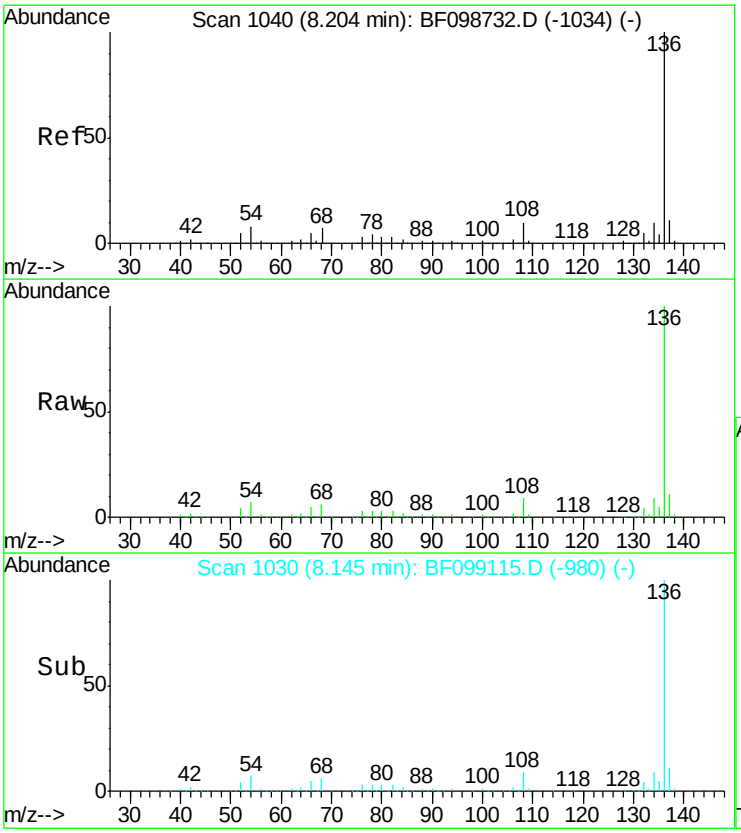
#20
3+4-Methylphenols
Concen: 0.49 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.28 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 4747

Ion	Ratio	Lower	Upper
107	100		
108	124.4	68.2	108.2#
77	96.2	26.7	66.7#
79	140.7	6.3	46.3#

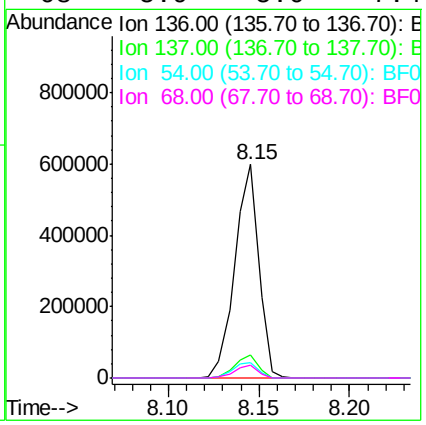


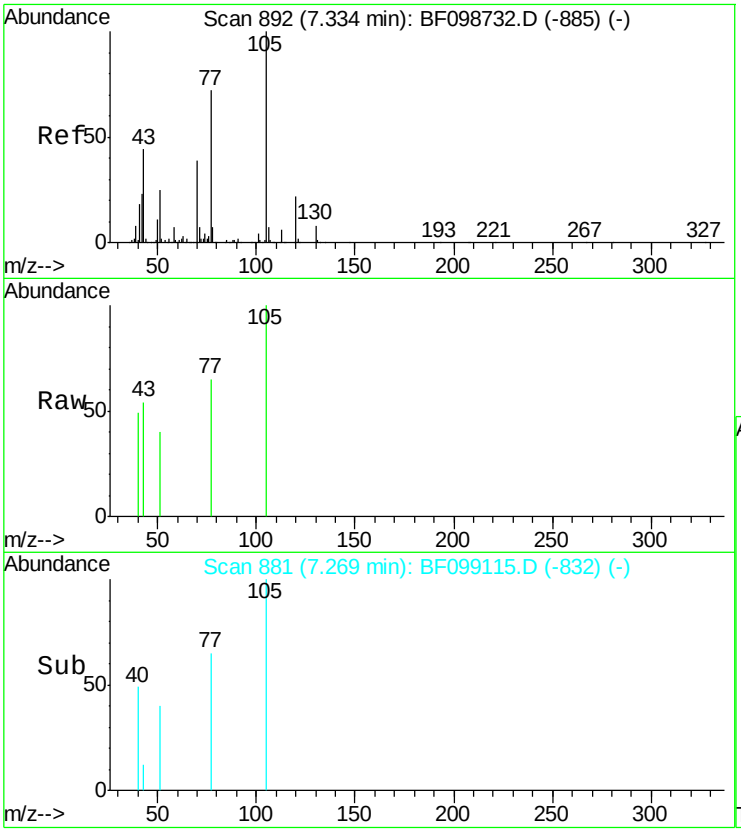


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:136 Resp: 551243

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4



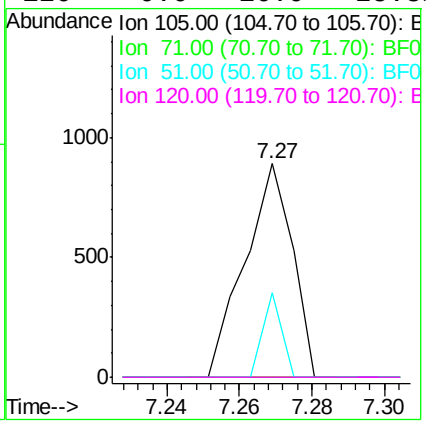


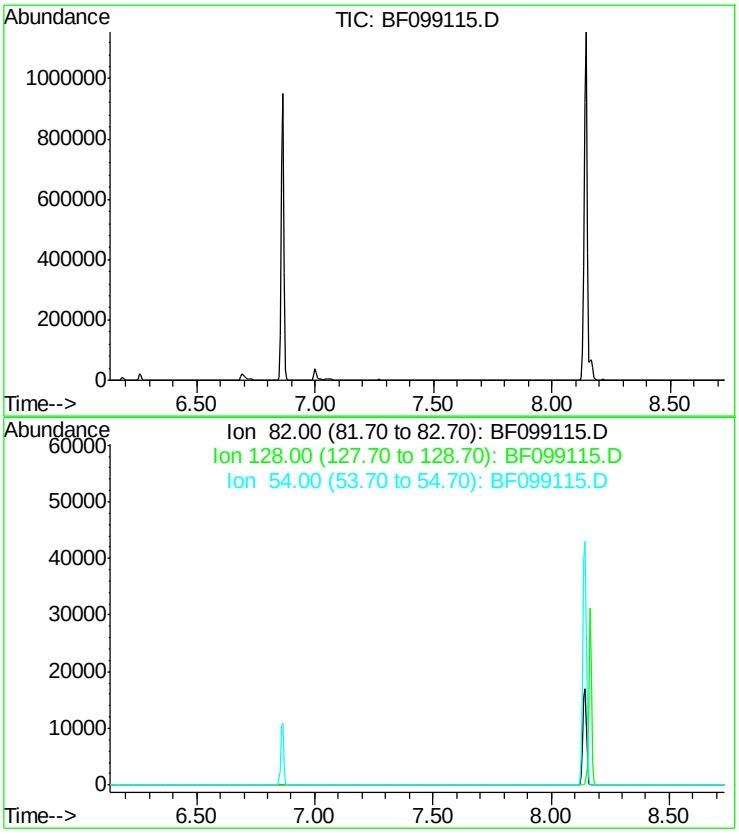
#22
Acetophenone
Concen: 0.06 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 807

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	39.8	22.3	33.5#
120	0.0	16.9	25.3#



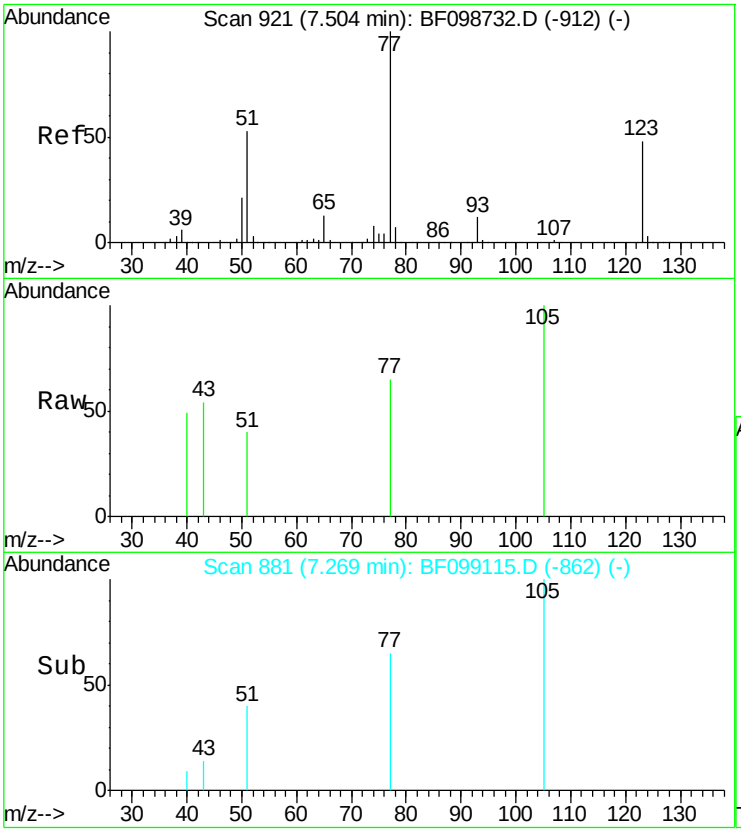


#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 7.43 min

Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	45.1
54	51.8

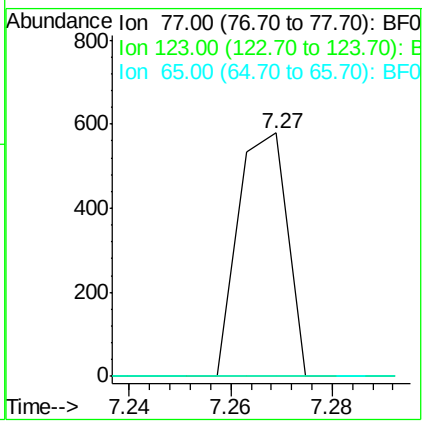


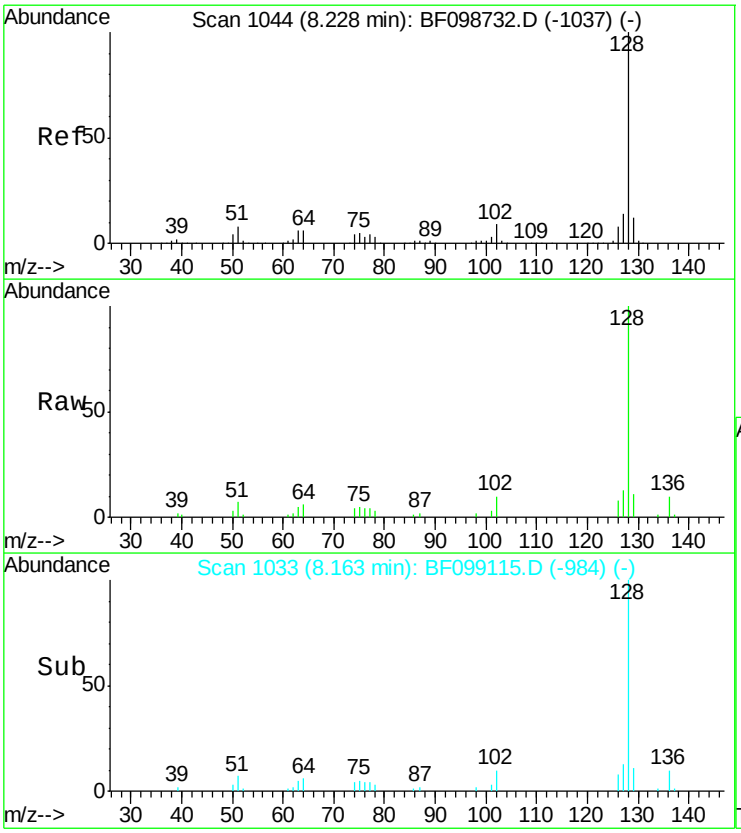
#24
Nitrobenzene
Concen: 0.04 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.19 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 393

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	0.0	11.0	16.4#

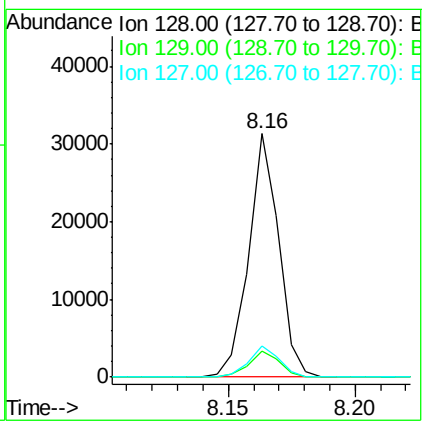


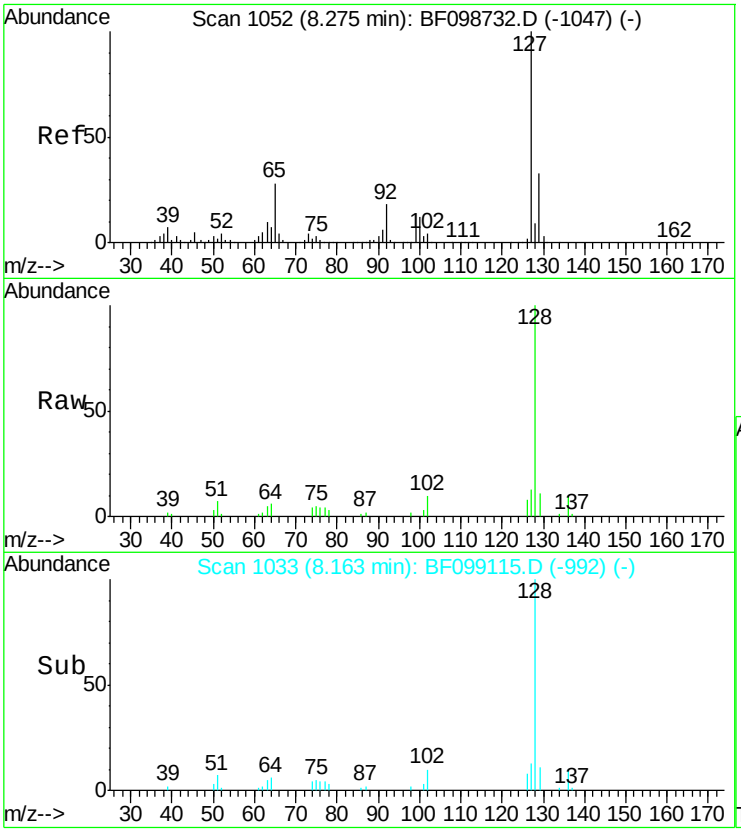


#31
Naphthalene
Concen: 1.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:128 Resp: 25983

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.9	10.9	16.3



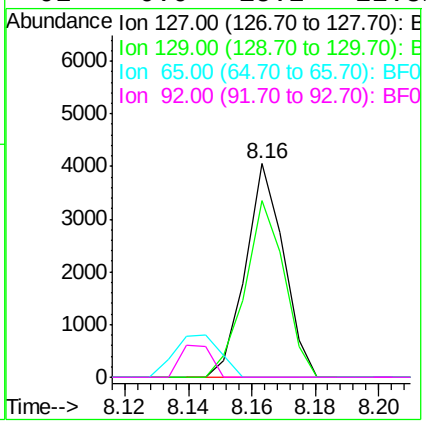


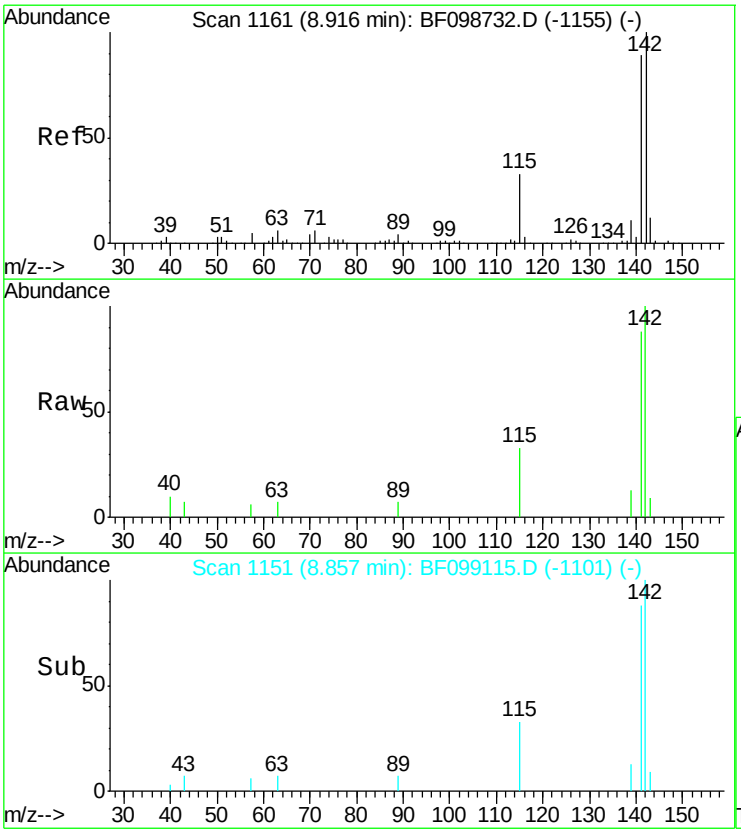
#33
4-Chloroaniline
Concen: 0.31 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.06 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 3394

Ion	Ratio	Lower	Upper
127	100		
129	82.8	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

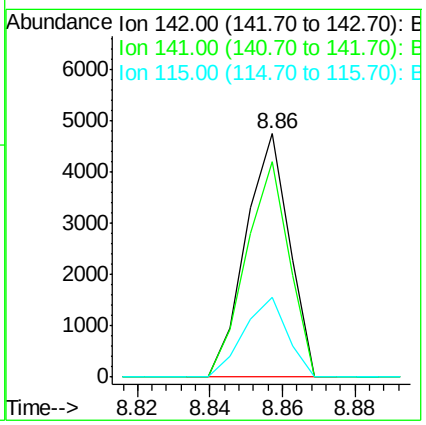


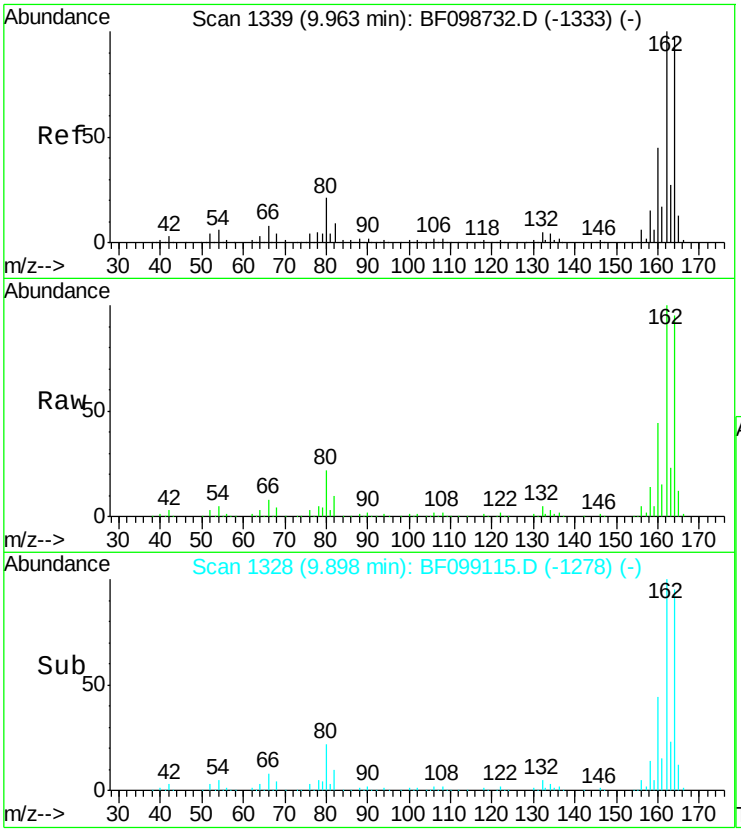


#37
2-Methylnaphthalene
Concen: 0.24 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:142 Resp: 3993

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.8	106.2
115	32.5	26.1	39.1



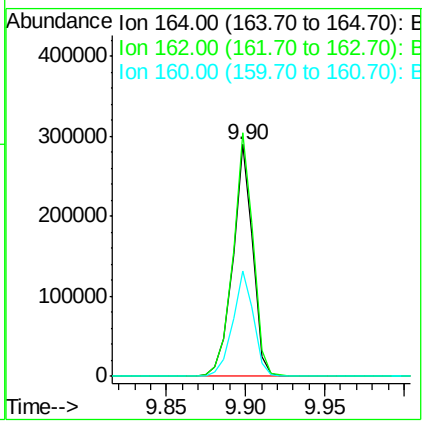


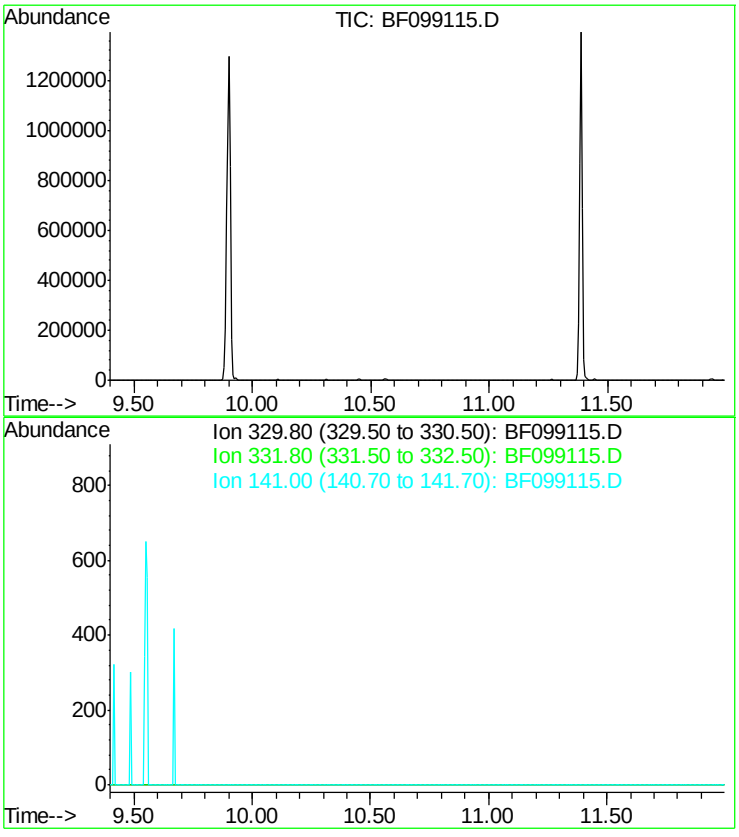
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 250801

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	45.8	38.3	57.5



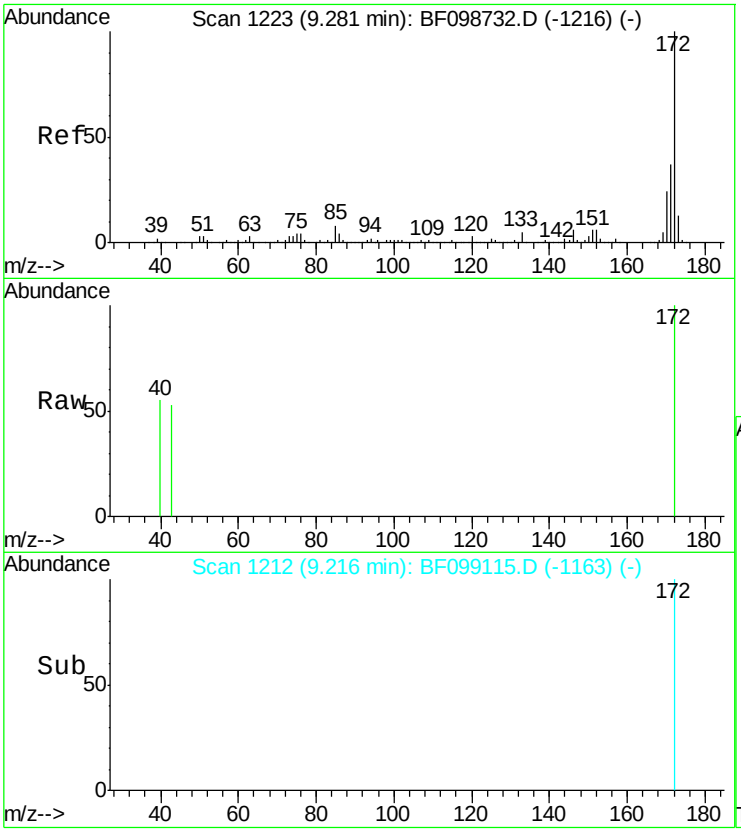


#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.70 min

Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	37.4

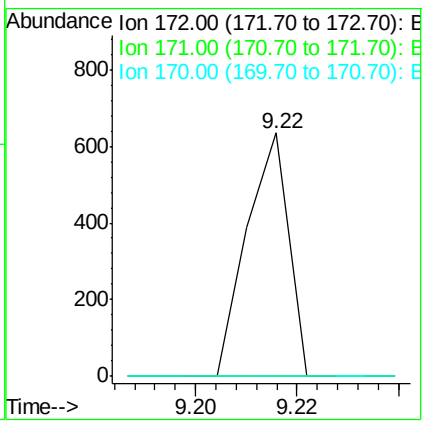


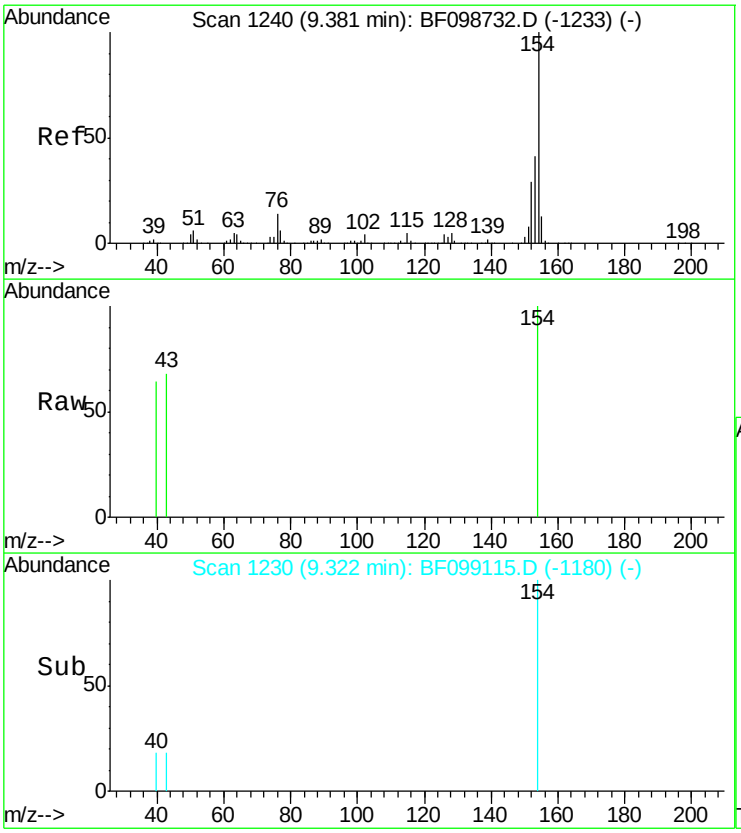
#44
2-Fluorobiphenyl
Concen: 0.02 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 361

Ion	Ratio	Lower	Upper
172	100		
171	0.0	29.7	44.5#
170	0.0	19.6	29.4#

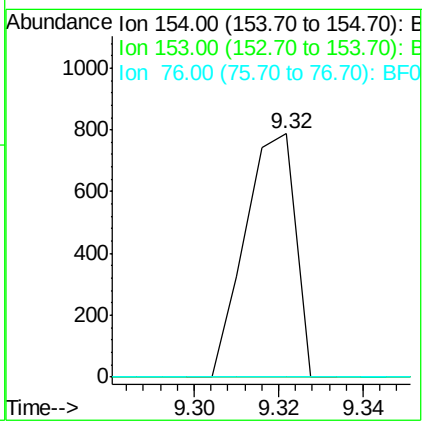


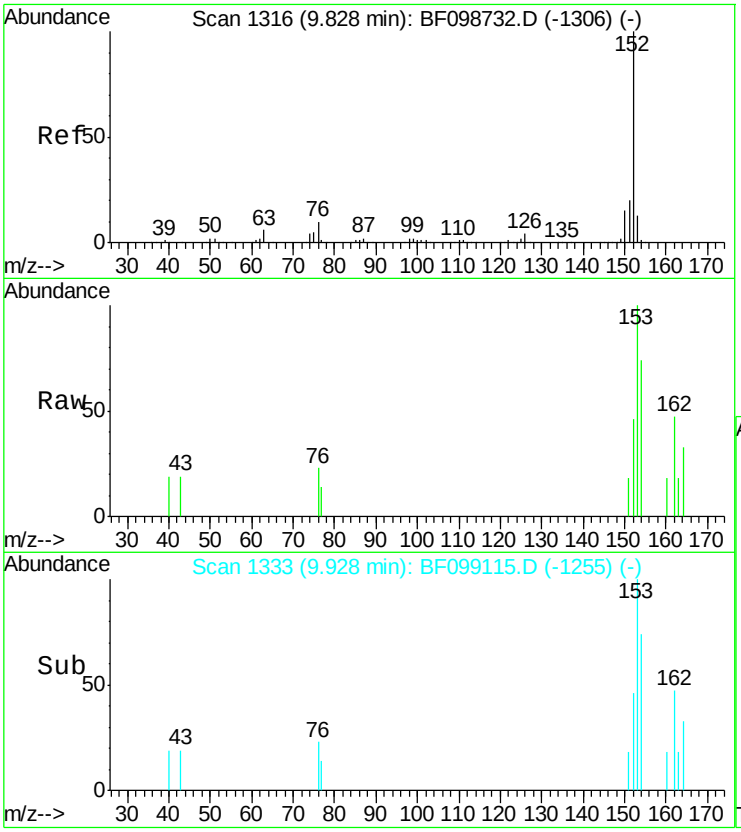


#45
1,1'-Biphenyl
Concen: 0.03 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:154 Resp: 655

Ion	Ratio	Lower	Upper
154	100		
153	0.0	21.3	61.3#
76	0.0	0.0	34.0



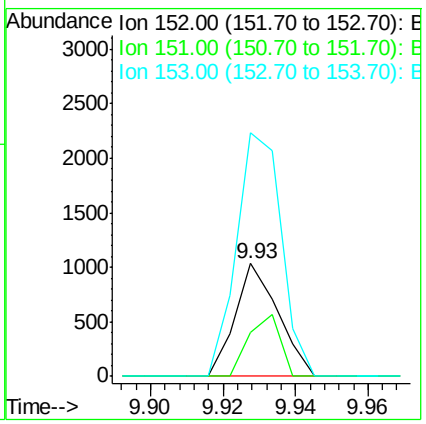


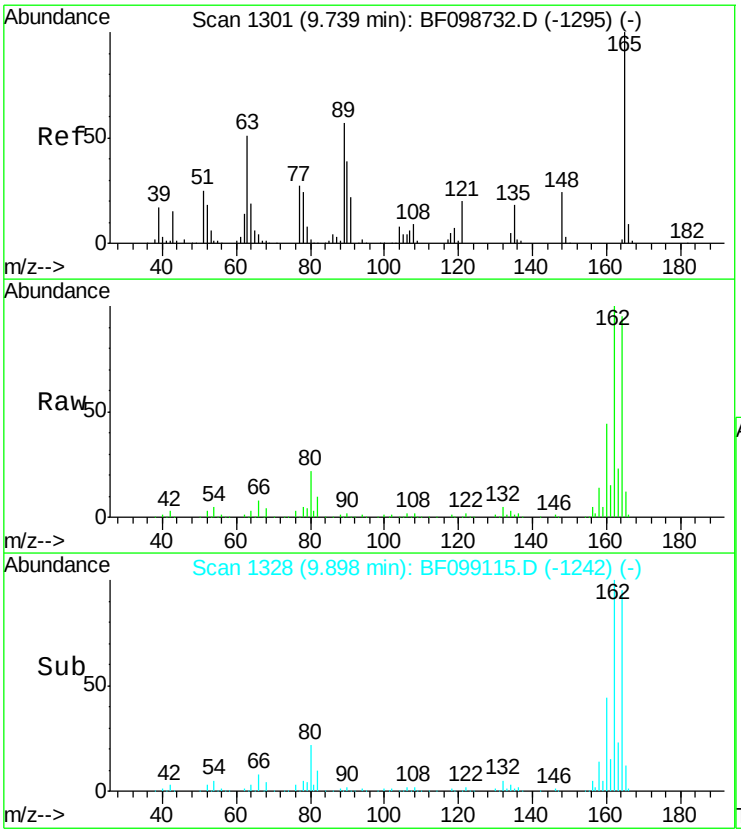
#48
Acenaphthylene
Concen: 0.03 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.16 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 860

Ion	Ratio	Lower	Upper
152	100		
151	39.2	16.3	24.5#
153	216.4	10.7	16.1#

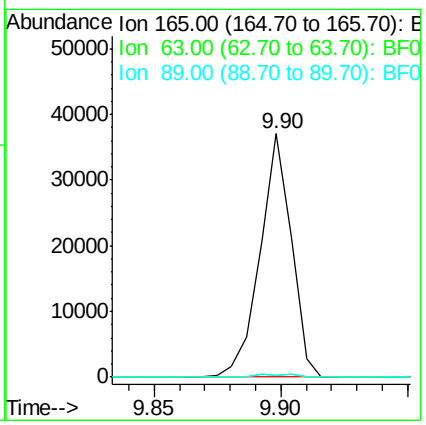


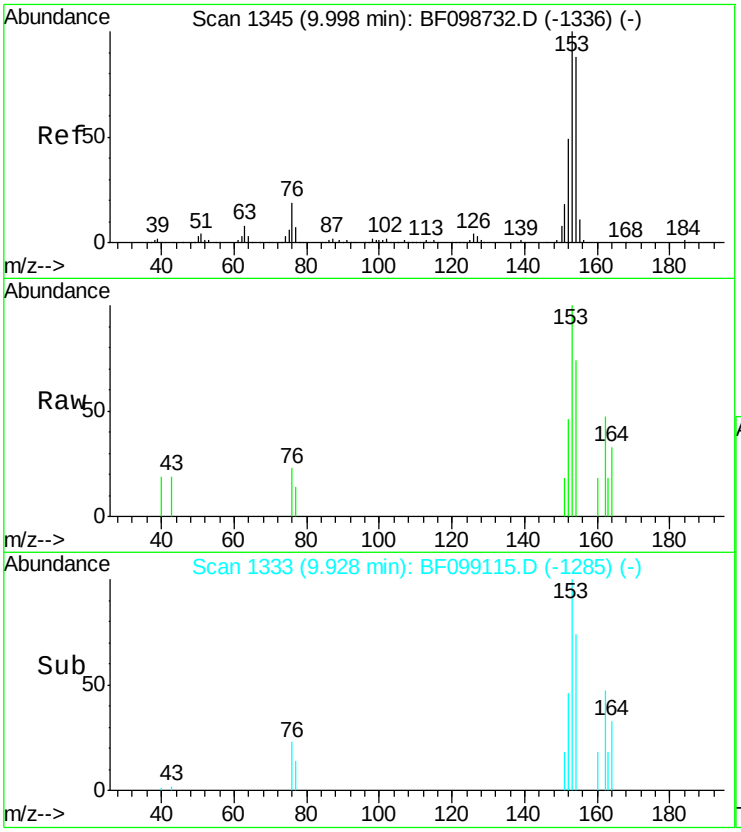


#50
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:165 Resp: 31715

Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	0.9	44.0	66.0#



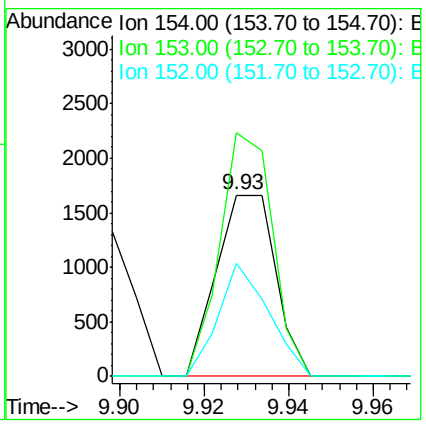


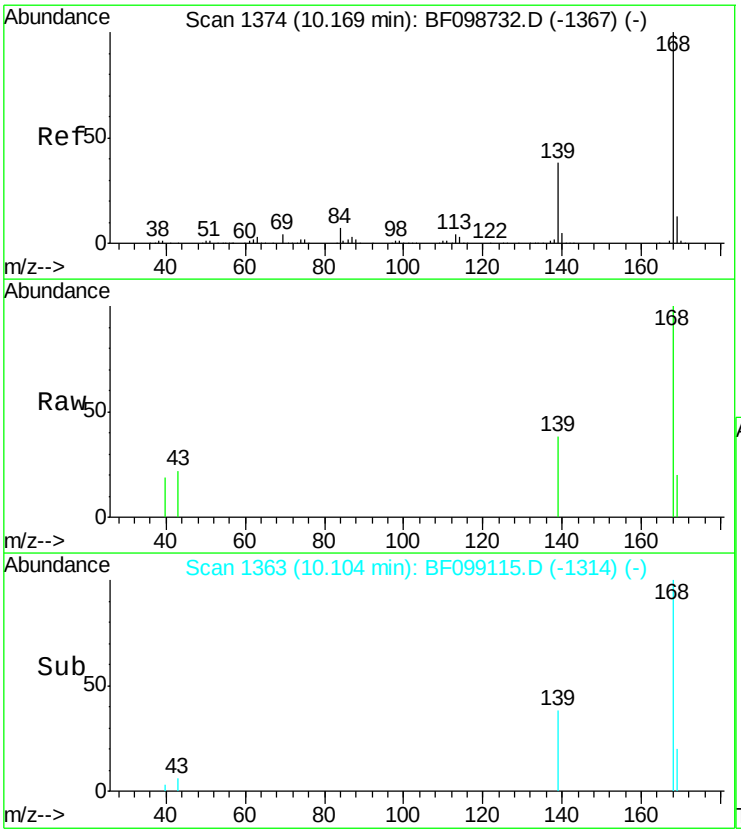
#51
Acenaphthene
Concen: 0.10 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1623

Ion	Ratio	Lower	Upper
154	100		
153	134.3	91.2	136.8
152	62.1	43.8	65.8

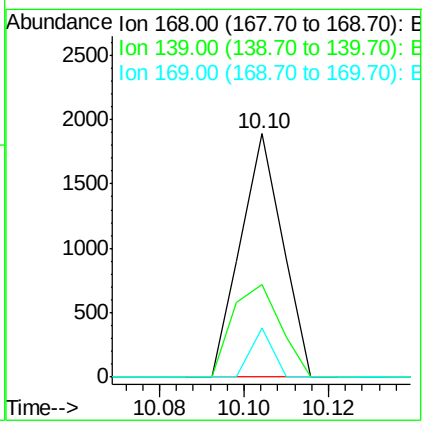


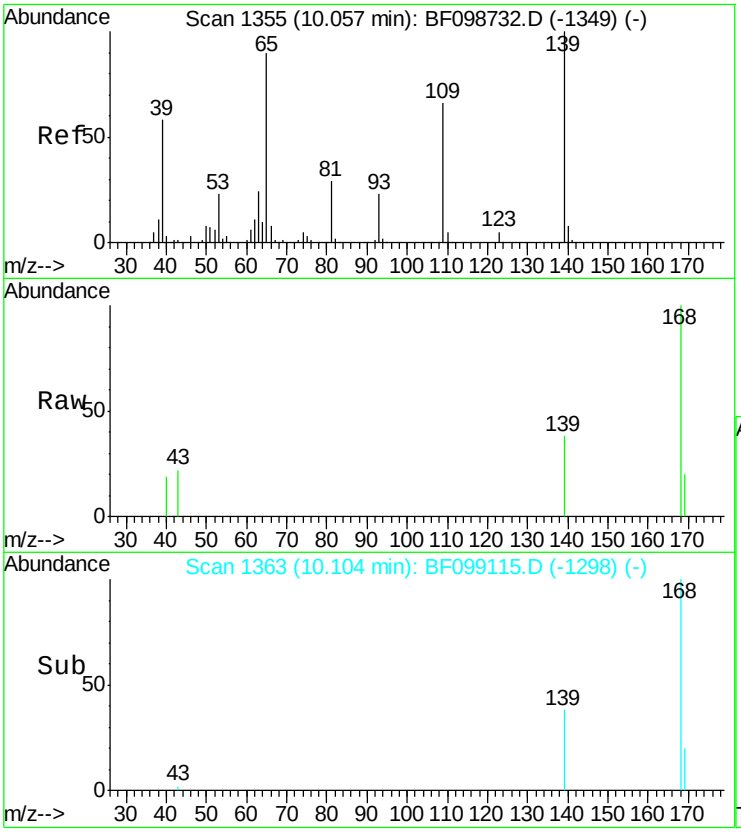


#54
Dibenzofuran
Concen: 0.06 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:168 Resp: 1308

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	19.9	10.9	16.3#



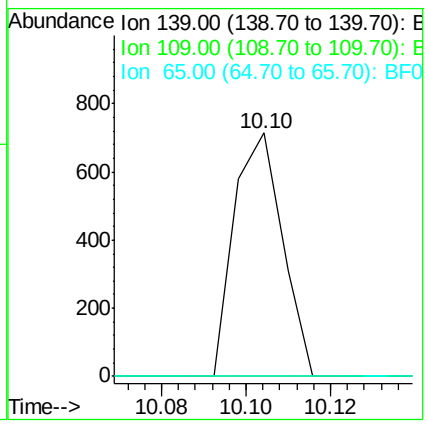


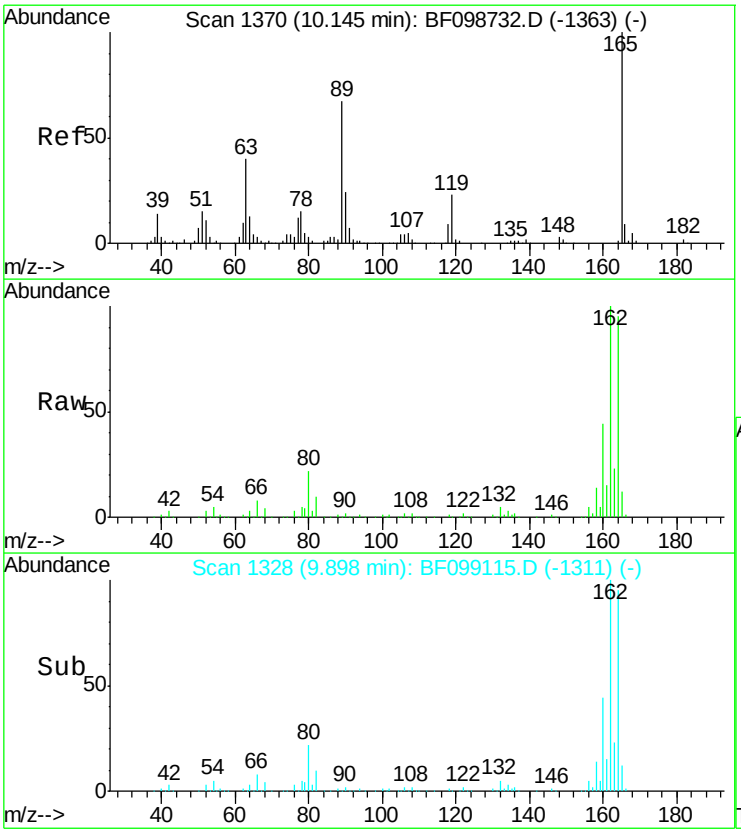
#55
4-Nitrophenol
Concen: 0.14 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.08 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 566

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

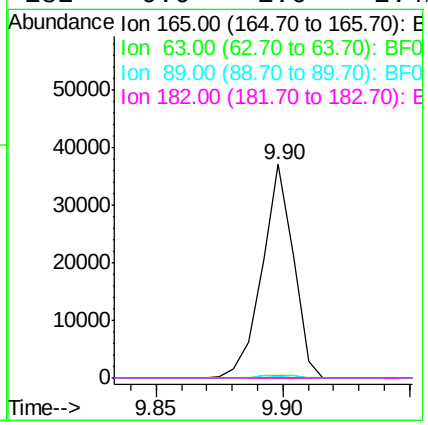


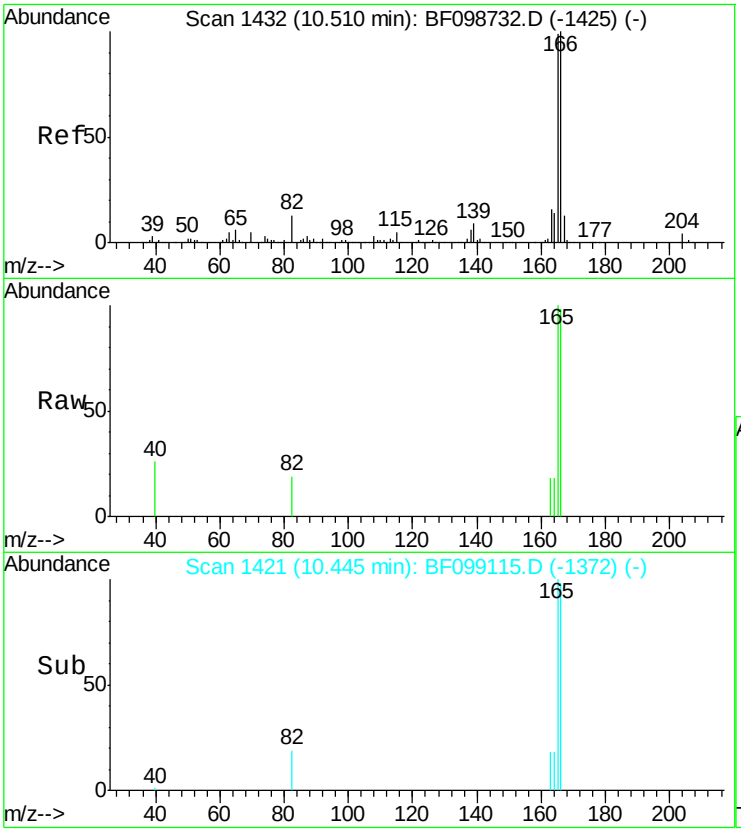


#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:165 Resp: 31715

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#



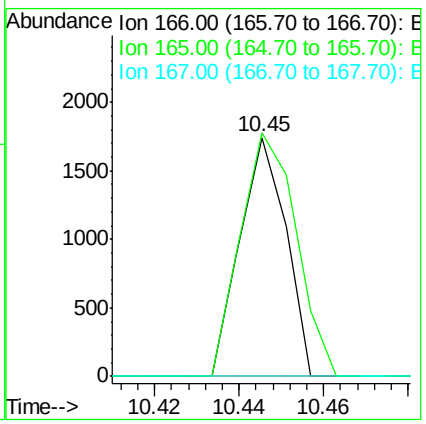


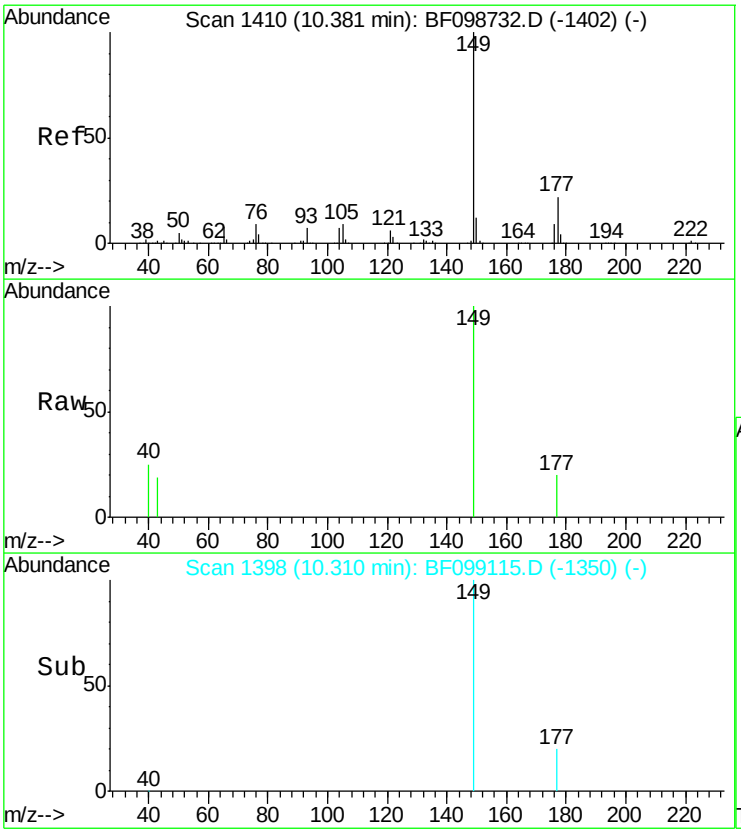
#57
Fluorene
Concen: 0.08 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 1315

Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.8	119.8
167	0.0	10.6	16.0#

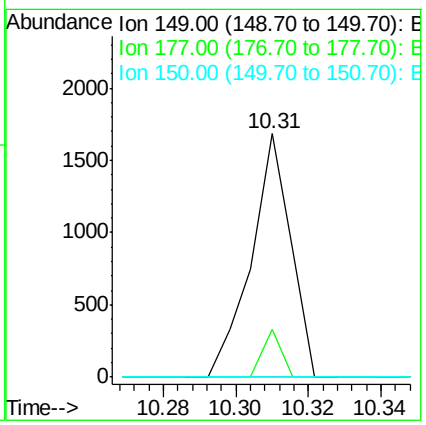


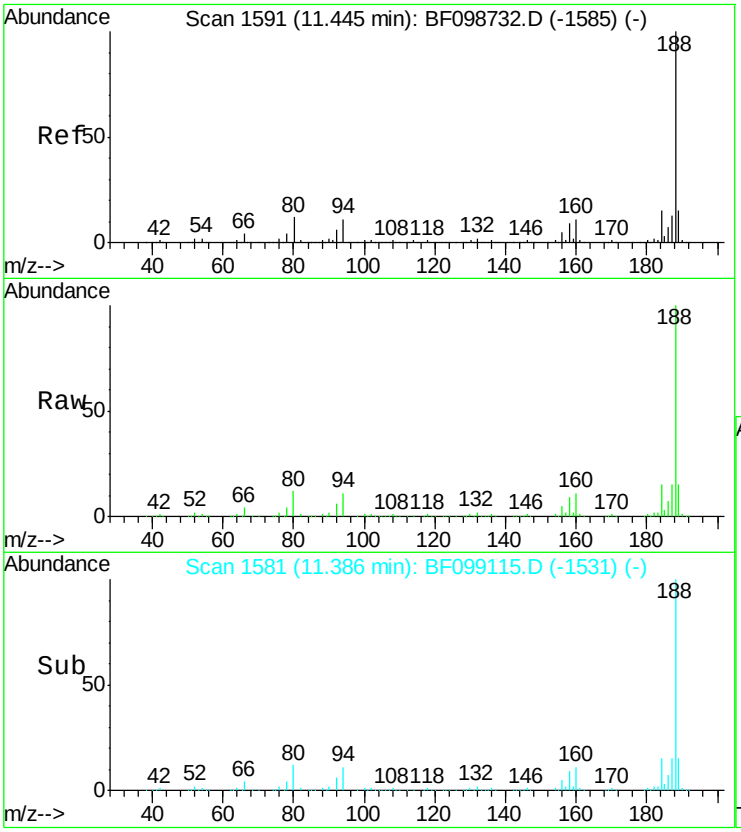


#59
Diethylphthalate
Concen: 0.07 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.02 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:149 Resp: 1285

Ion	Ratio	Lower	Upper
149	100		
177	19.7	16.1	24.1
150	0.0	10.1	15.1#



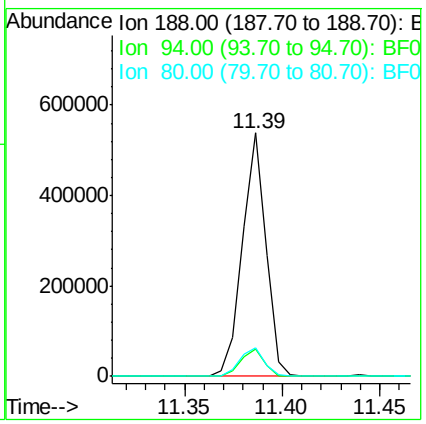


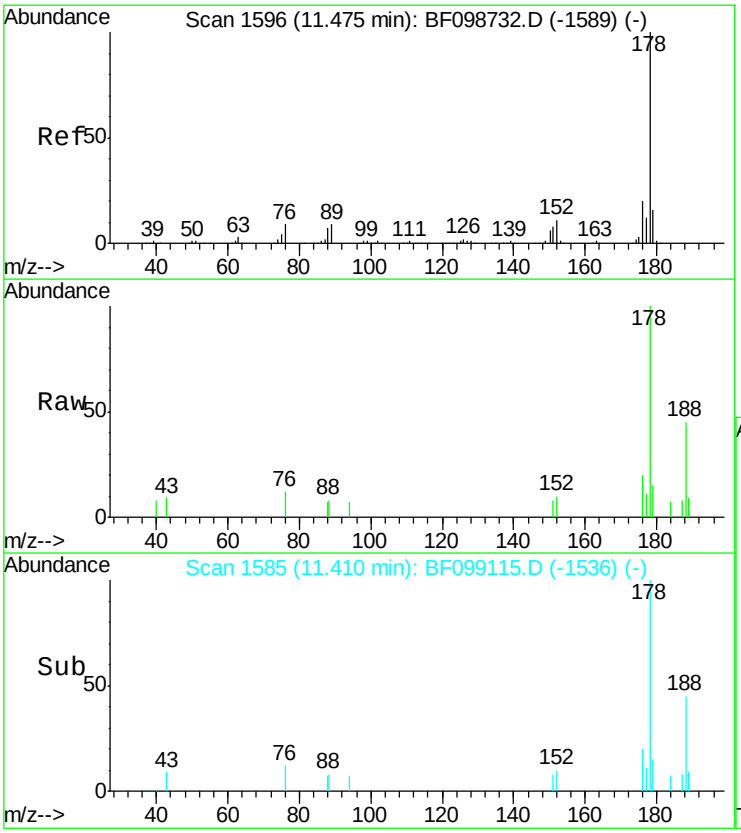
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 451018

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.9	9.2	13.8

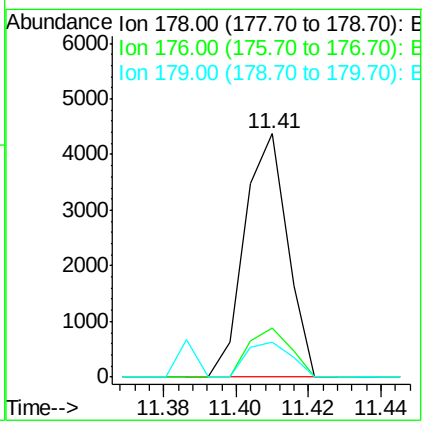


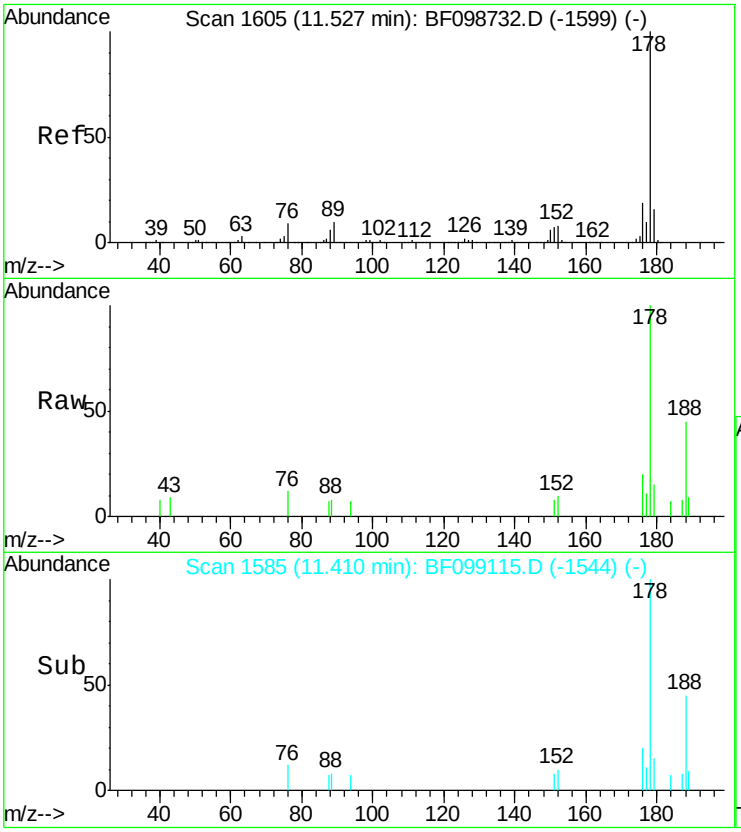


#70
Phenanthrene
Concen: 0.15 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:178 Resp: 3569

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	14.6	13.0	19.6



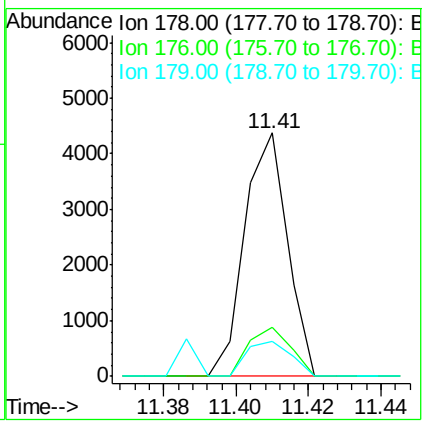


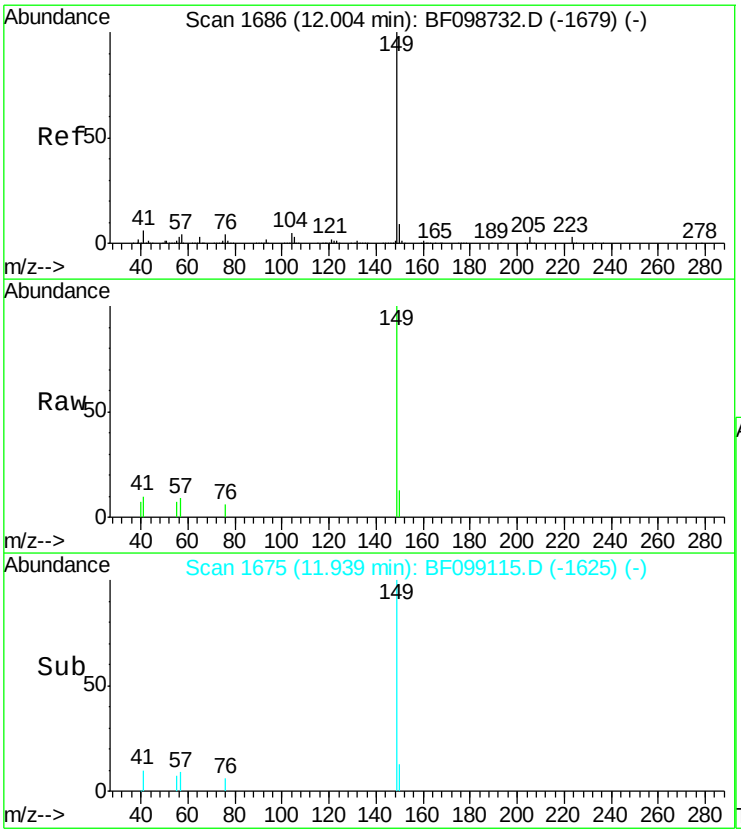
#71
Anthracene
Concen: 0.14 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.06 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 3569

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	14.6	12.6	19.0

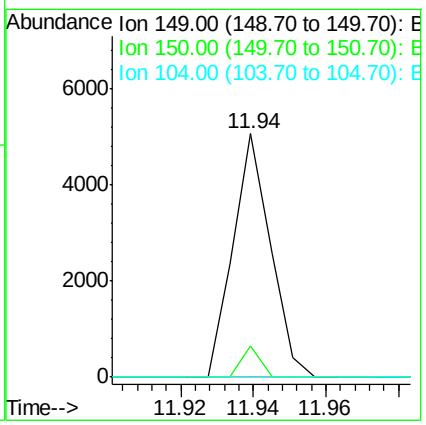


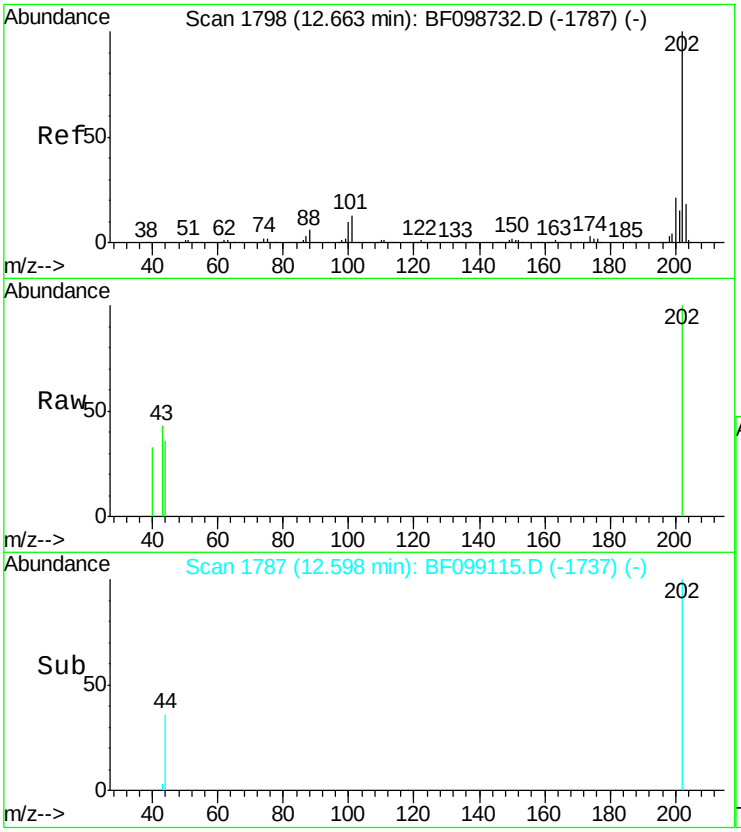


#73
Di-n-butylphthalate
Concen: 0.13 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:149 Resp: 3663

Ion	Ratio	Lower	Upper
149	100		
150	12.8	7.8	11.6#
104	0.0	3.8	5.8#



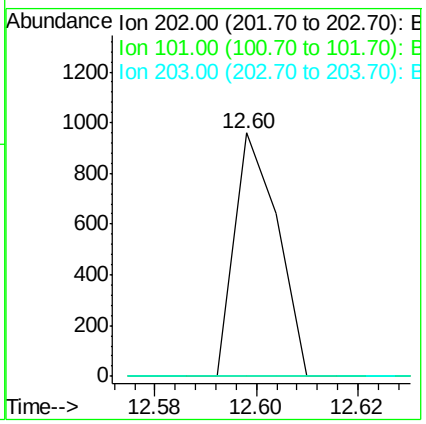


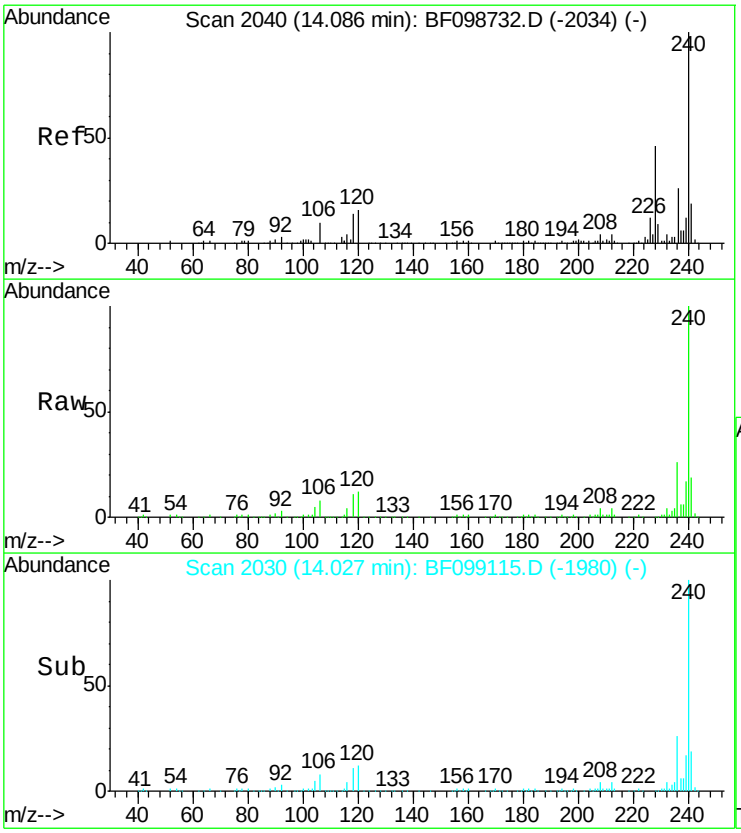
#74
Fluoranthene
Concen: 0.02 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 564

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.1
203	0.0	0.0	38.1

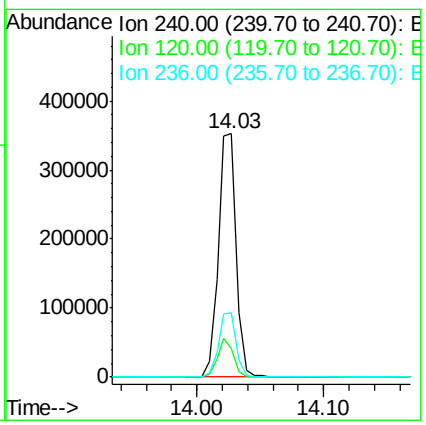


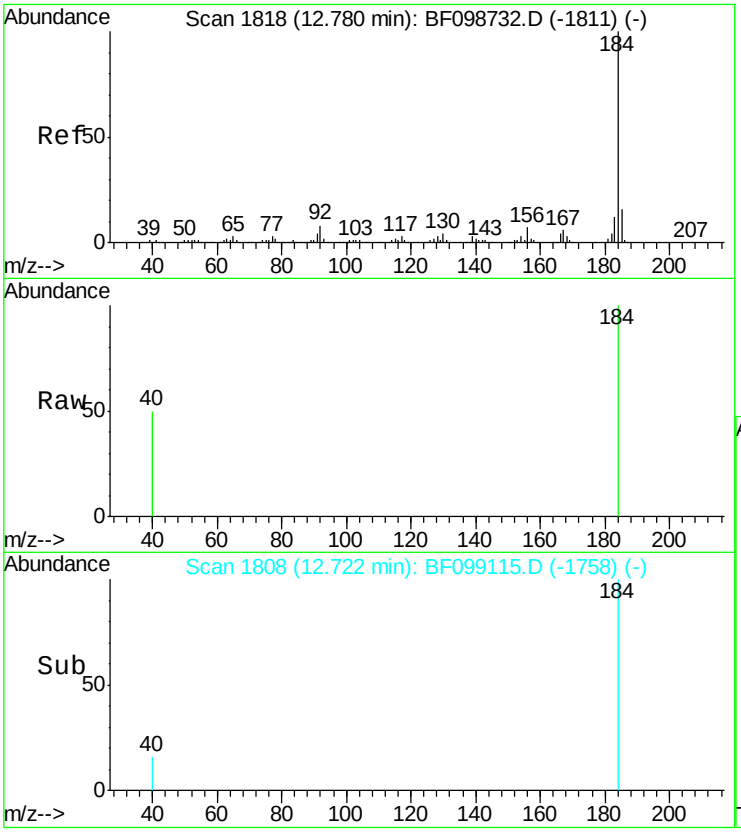


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:240 Resp: 346758

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	26.4	20.7	31.1



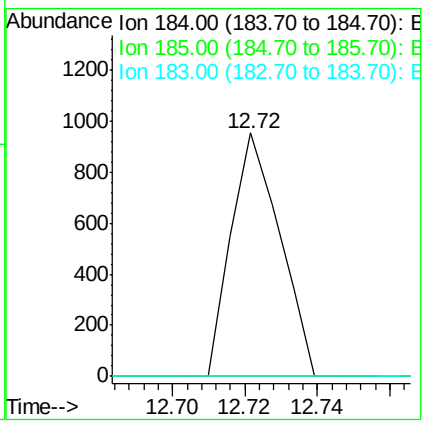


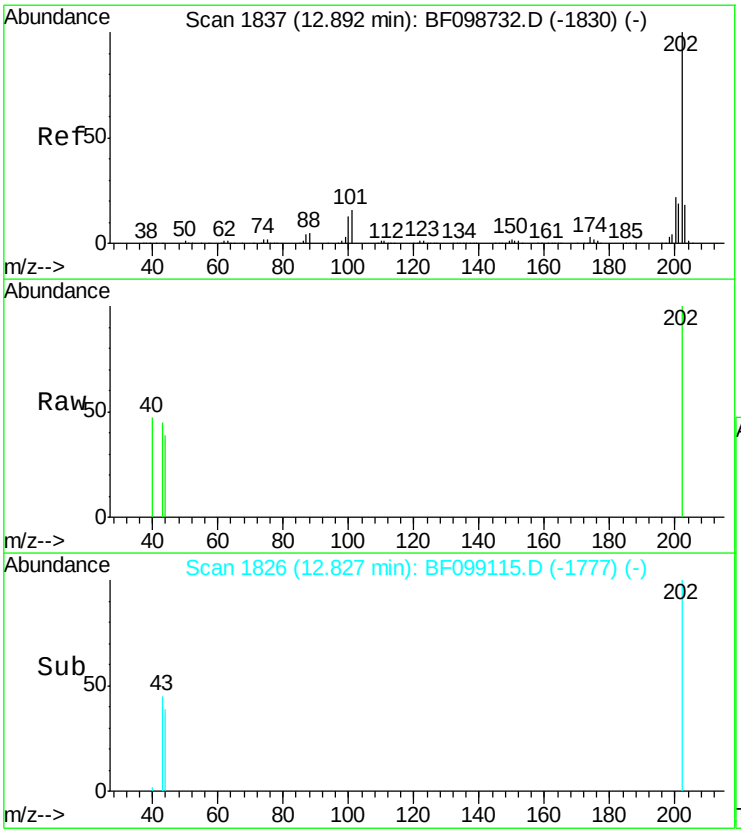
#76
Benzidine
Concen: 0.07 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 889

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.6	18.8#
183	0.0	9.3	13.9#

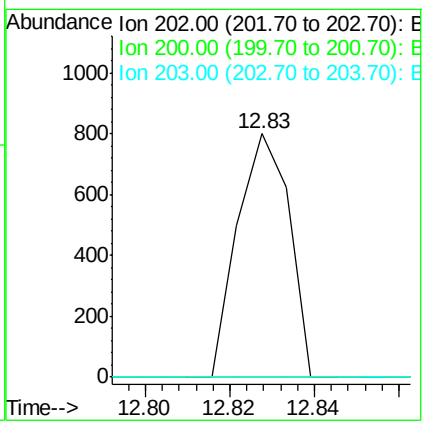


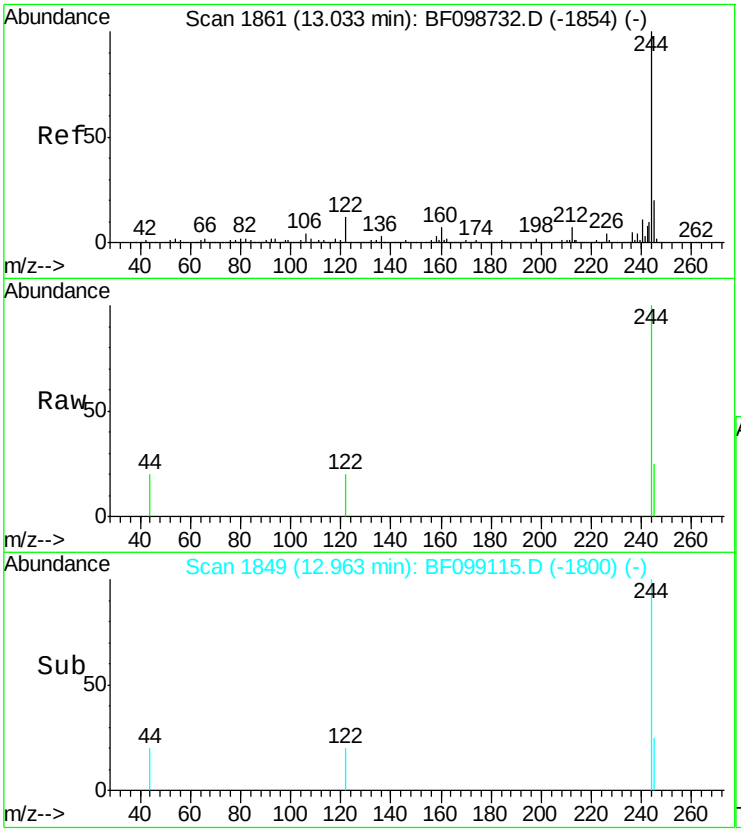


#77
Pyrene
Concen: 0.03 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:202 Resp: 678

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.4	26.2#
203	0.0	14.3	21.5#



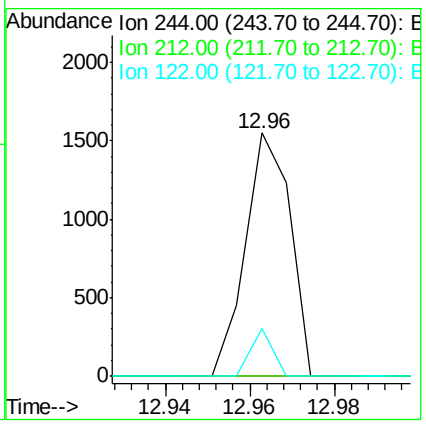


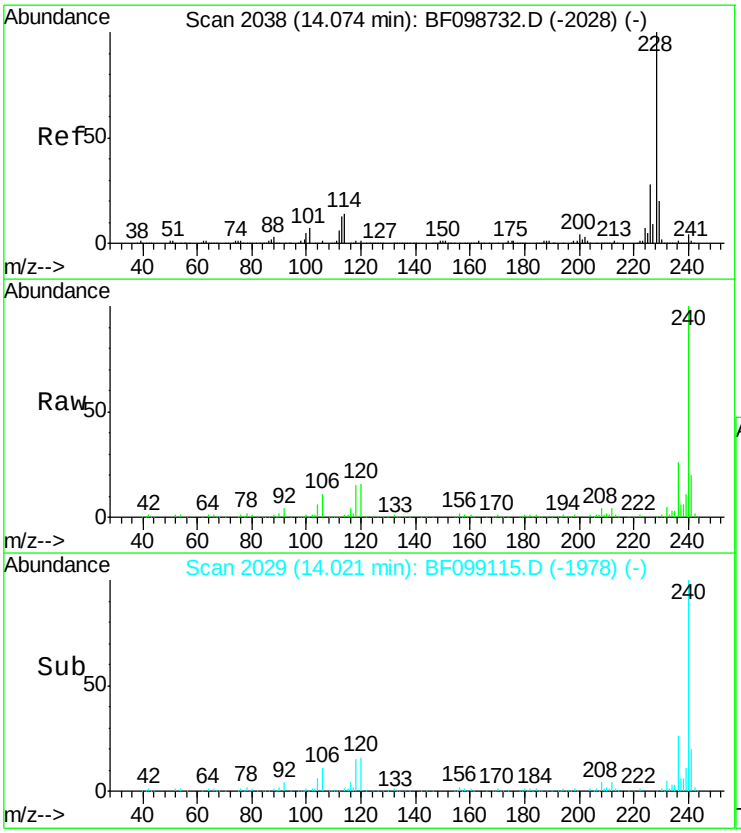
#78
Terphenyl-d14
Concen: 0.07 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1142

Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.4	8.0#
122	19.6	11.0	16.4#

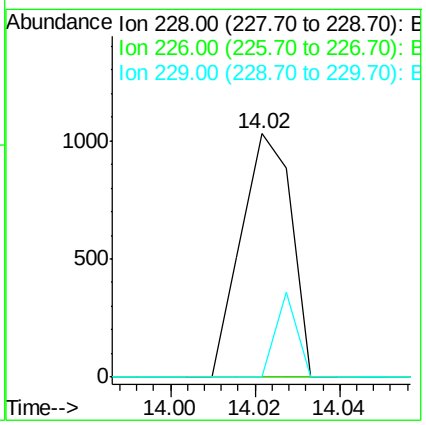


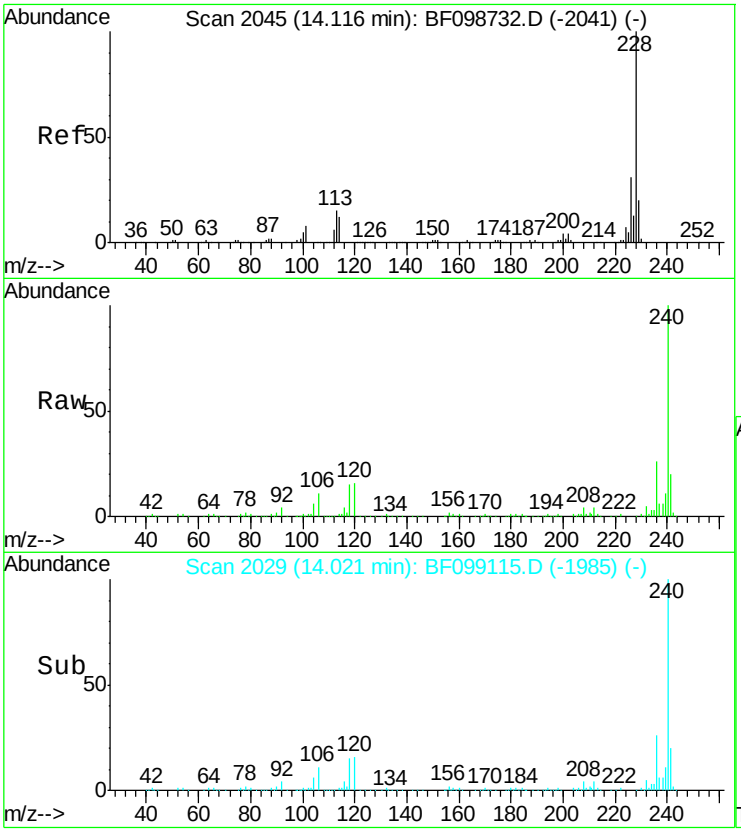


#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:228 Resp: 854

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	0.0	15.8	23.6#



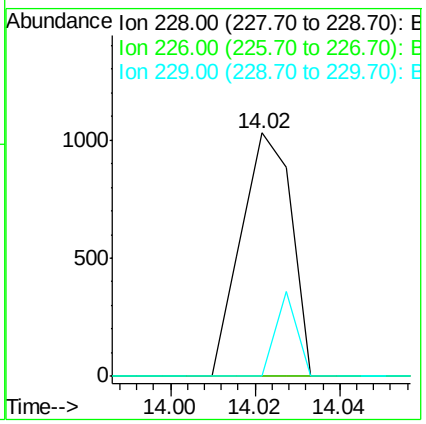


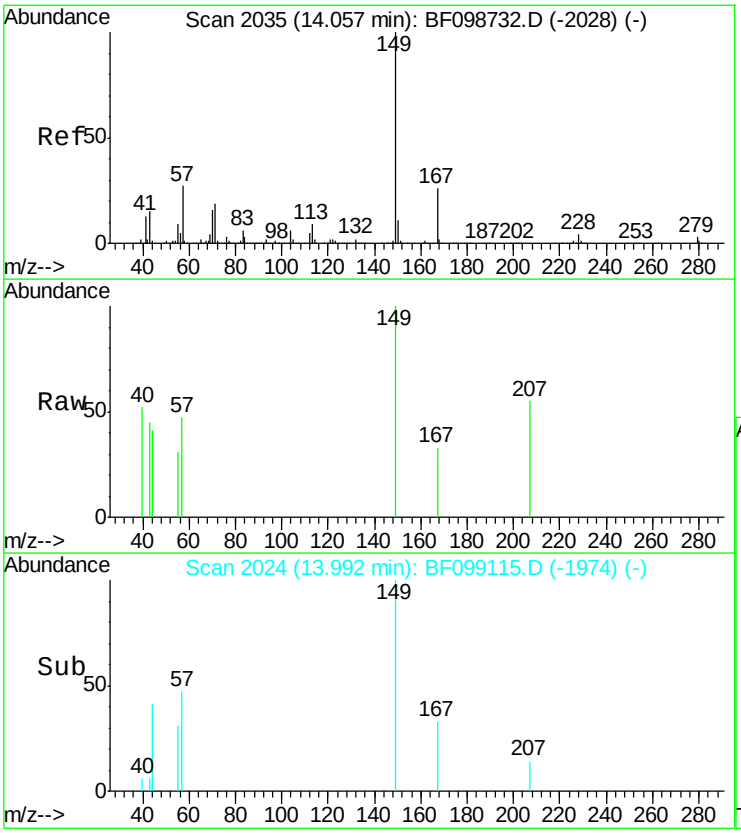
#82
Chrysene
Concen: 0.04 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.04 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 854

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.0	37.6#
229	0.0	16.2	24.4#

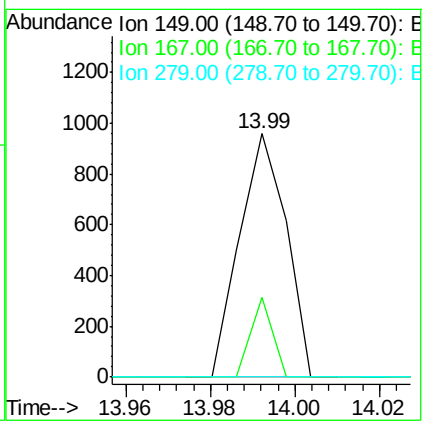


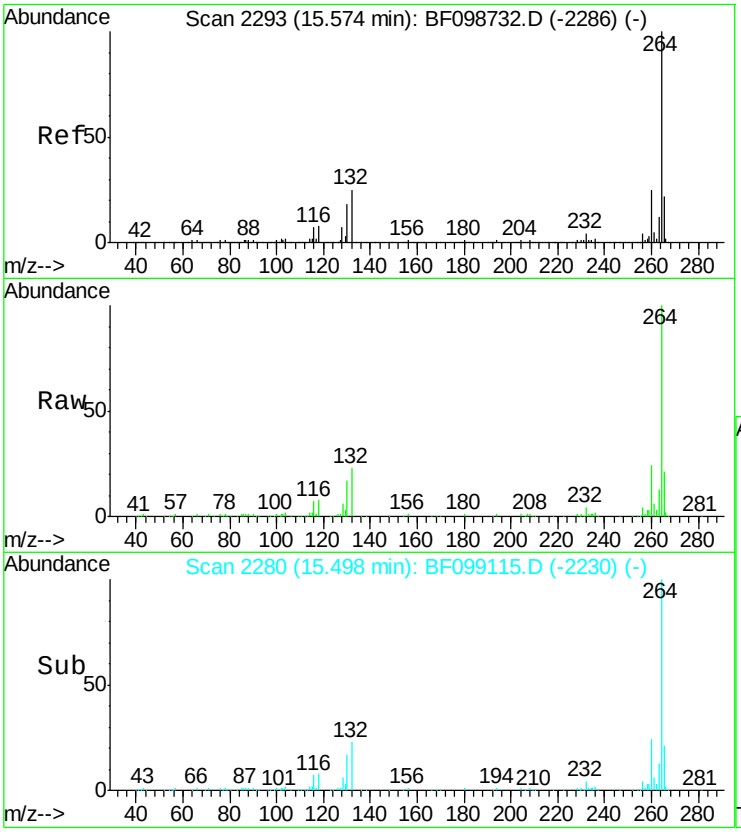


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:149 Resp: 732

Ion	Ratio	Lower	Upper
149	100		
167	32.8	21.3	31.9#
279	0.0	3.0	4.4#



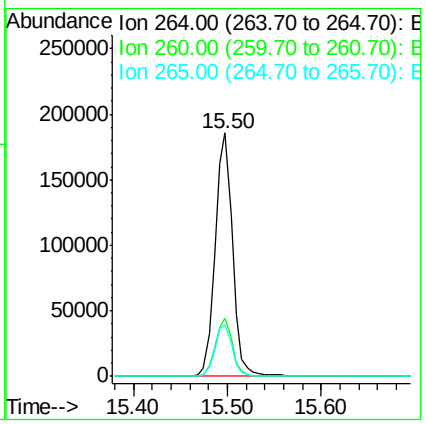


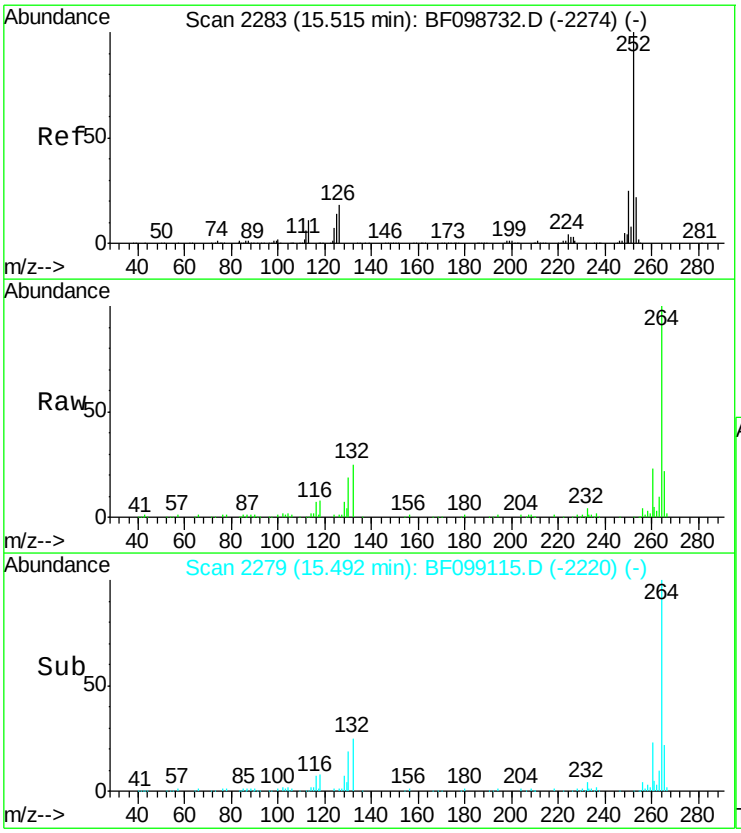
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 241142

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	17.5	26.3





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.05 min
Lab File: BF099115.D
Acq: 5 Oct 2017 20:45

Tgt Ion:252 Resp: 705

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.1	25.7#
125	0.0	9.8	14.6#