Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099769.D
Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170724-C-A-COMP3

Quant Time: Oct 23 23:31:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:08:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103875	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	432433	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	190758	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	250923	20.00	ng		0.01
75) Chrysene-d12	13.98	240	176773	20.00	ng		0.00
86) Perylene-d12	15.44	264	191021	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	419242	63.36	ng		0.00
7) Phenol-d6	6.45	99	319802	40.76	ng		0.00
23) Nitrobenzene-d5	7.37	82	609173	90.69	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	197380	113.54	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1187320	96.03	ng		0.00
78) Terphenyl-d14	12.93	244	723258	89.41	ng		0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	6.96	79	11188	2.24	ng	#	43
25) Isophorone	7.37	82	609166	49.98	ng	#	64
31) Naphthalene	8.11	128	1147040	54.95	ng		100
32) Benzoic acid	7.89	122	12795	2.55	ng	#	81
33) 4-Chloroaniline	8.11	127	153654	17.83	ng	#	35
37) 2-Methylnaphthalene	8.80	142	137991	9.86	ng		98
51) Acenaphthene	9.87	154	40911	3.47	ng		100
53) 2,4-Dinitrophenol	10.09	184	162	5.88	ng	#	1
54) Dibenzofuran	10.05	168	85043	5.11	ng		99
55) 4-Nitrophenol	10.05	139	32714	16.73	ng	#	48
70) Phenanthrene	11.37	178	76472	5.40	ng	#	88

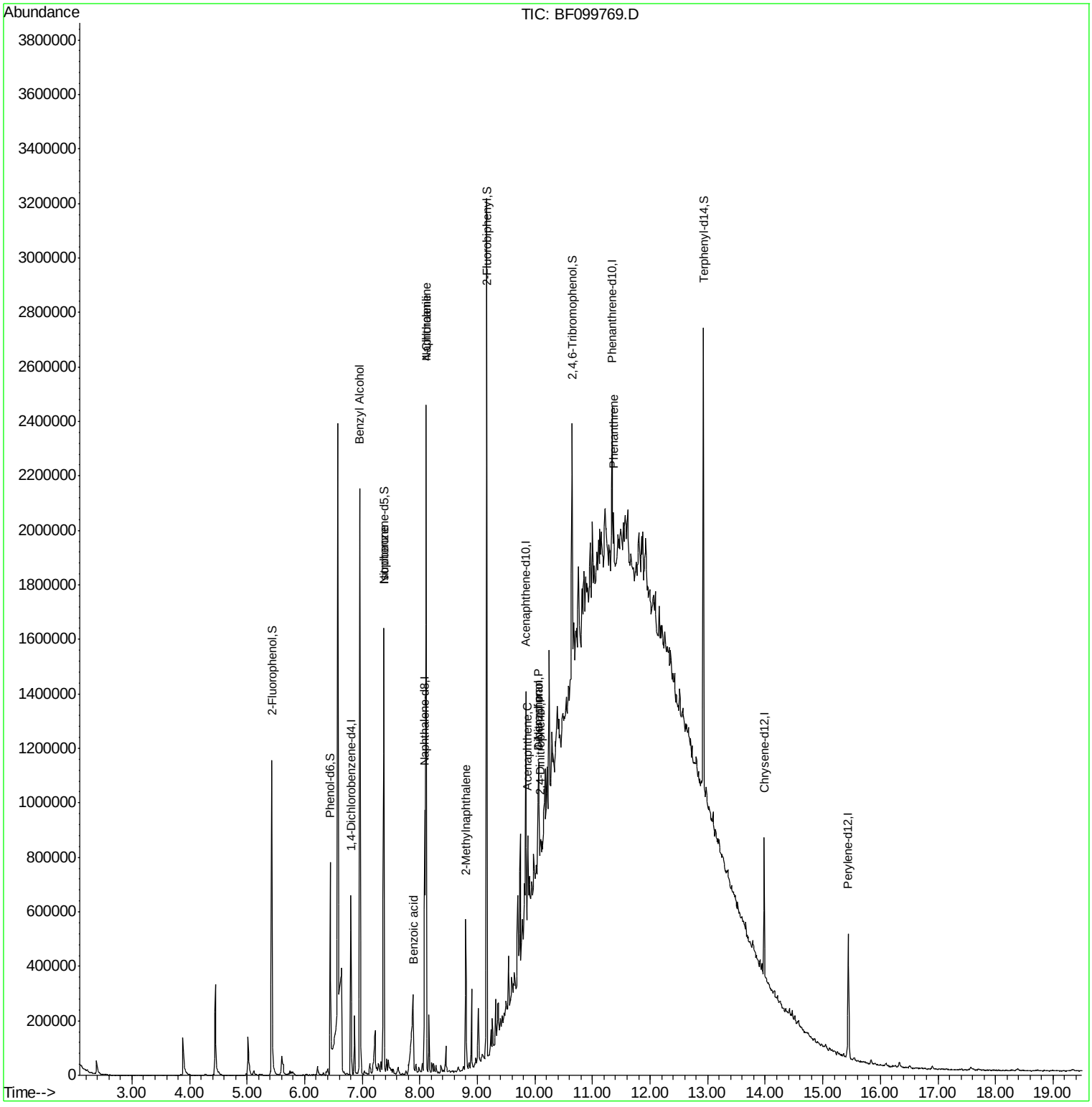
(#) = qualifier out of range (m) = manual integration (+) = signals summed

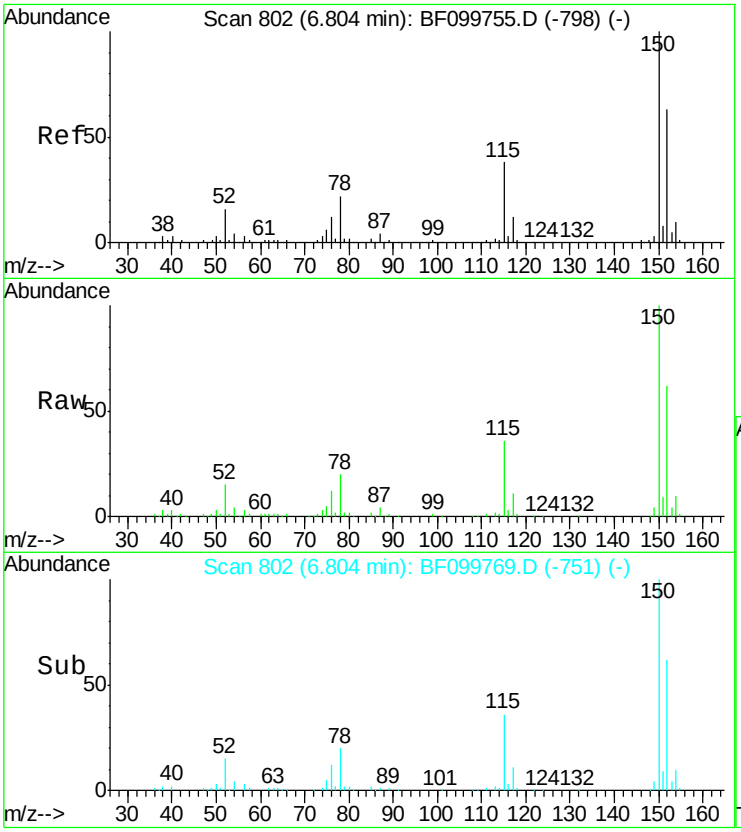
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099769.D
Acq On : 23 Oct 2017 19:58
Operator : SJ/JU
Sample : I5950-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Quant Time: Oct 23 23:31:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:08:33 2017
Response via : Initial Calibration



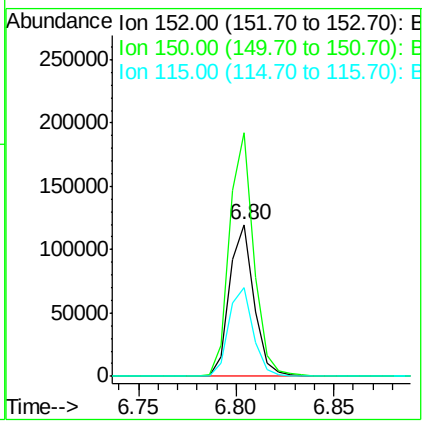


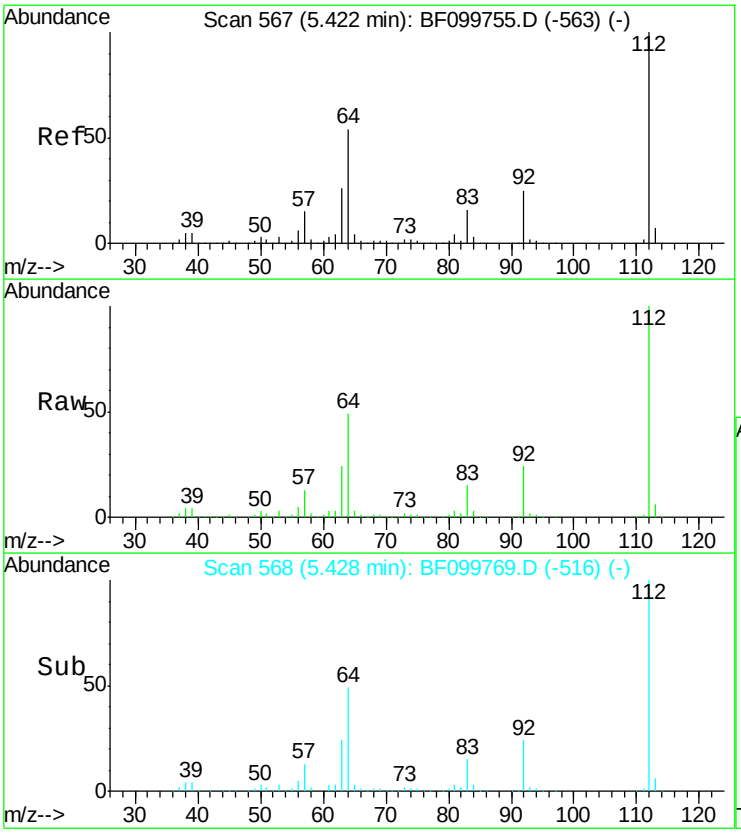
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:152 Resp: 103875

Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	58.4	50.1	75.1

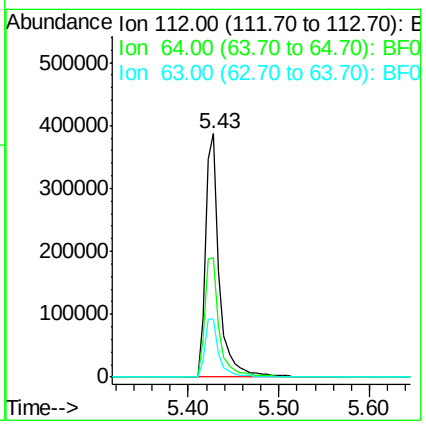


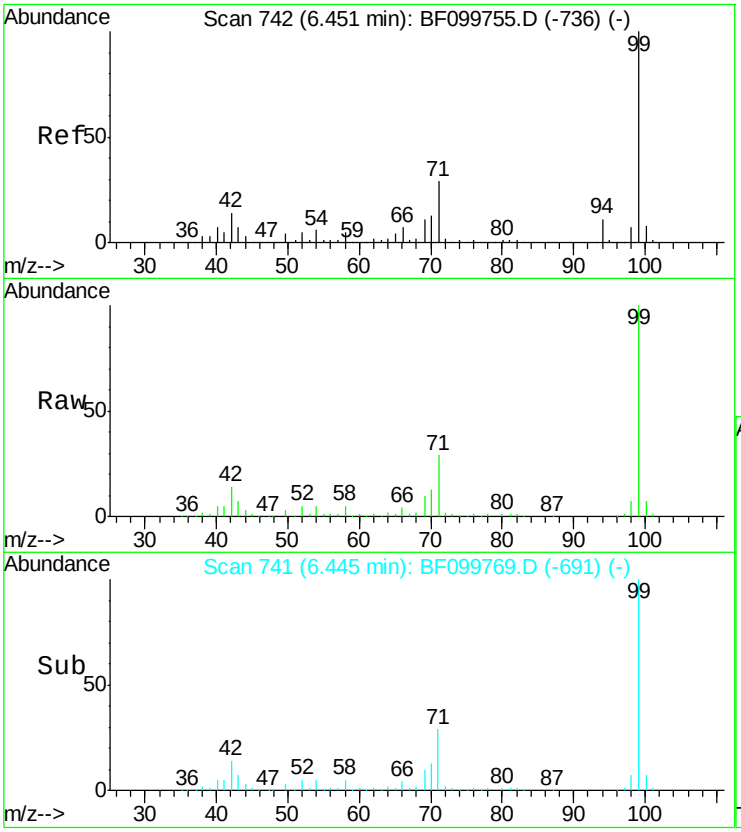


#5
2-Fluorophenol
Concen: 63.36 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:112 Resp: 419242

Ion	Ratio	Lower	Upper
112	100		
64	49.3	47.9	71.9
63	23.8	23.7	35.5



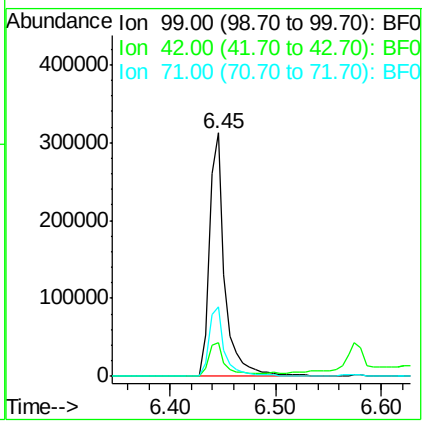


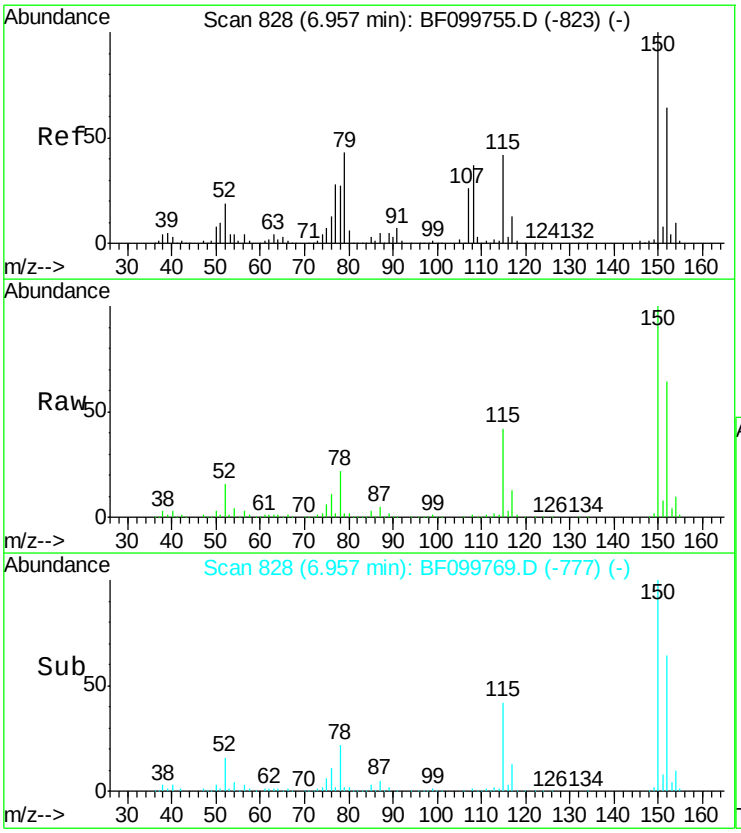
#7
Phenol-d6
Concen: 40.76 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion: 99 Resp: 319802

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	28.7	25.4	38.0

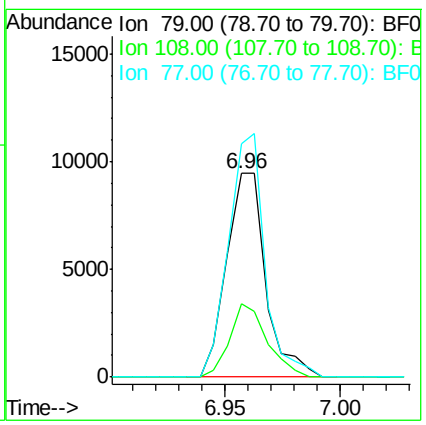


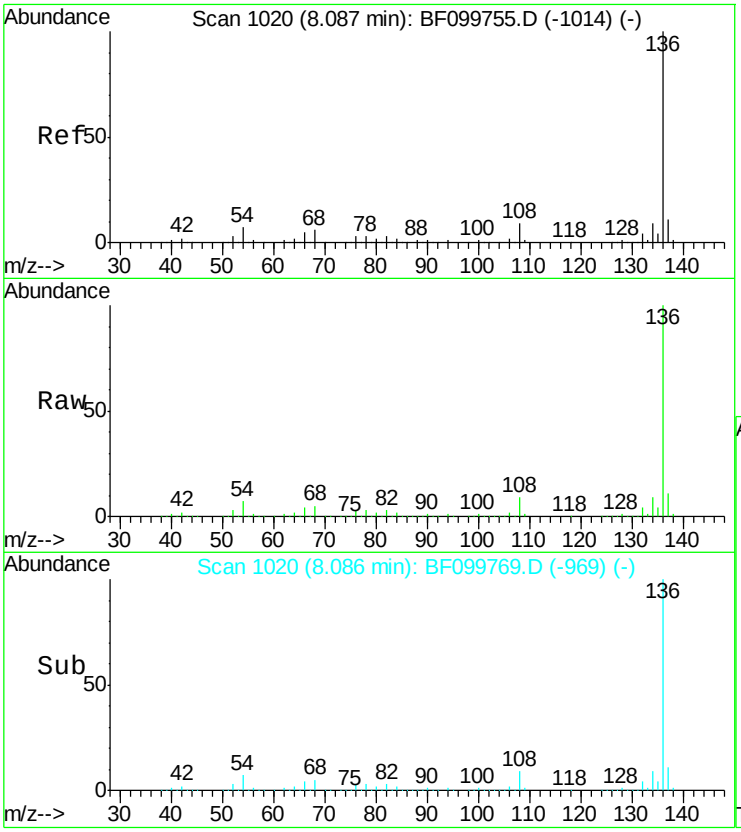


#15
Benzyl Alcohol
Concen: 2.24 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion: 79 Resp: 11188

Ion	Ratio	Lower	Upper
79	100		
108	36.1	65.1	97.7#
77	114.4	50.6	75.8#



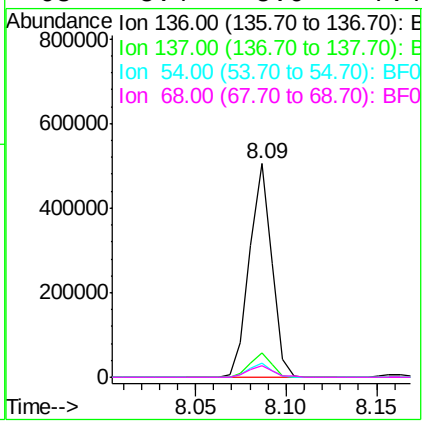


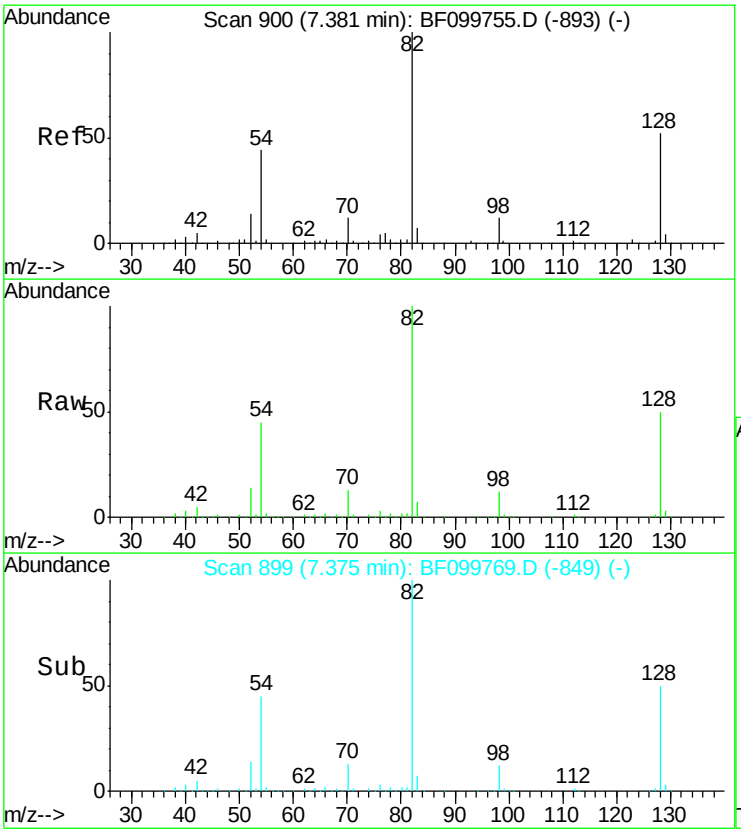
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:136 Resp: 432433

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.5	6.6	9.8#
68	5.4	5.0	7.4

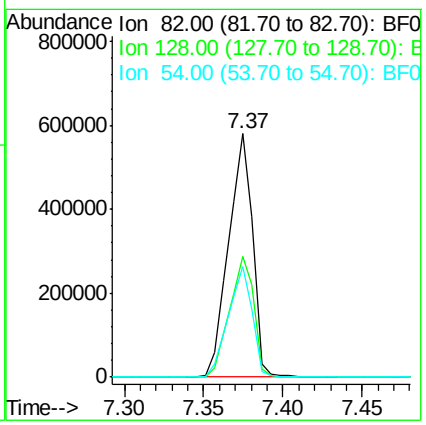


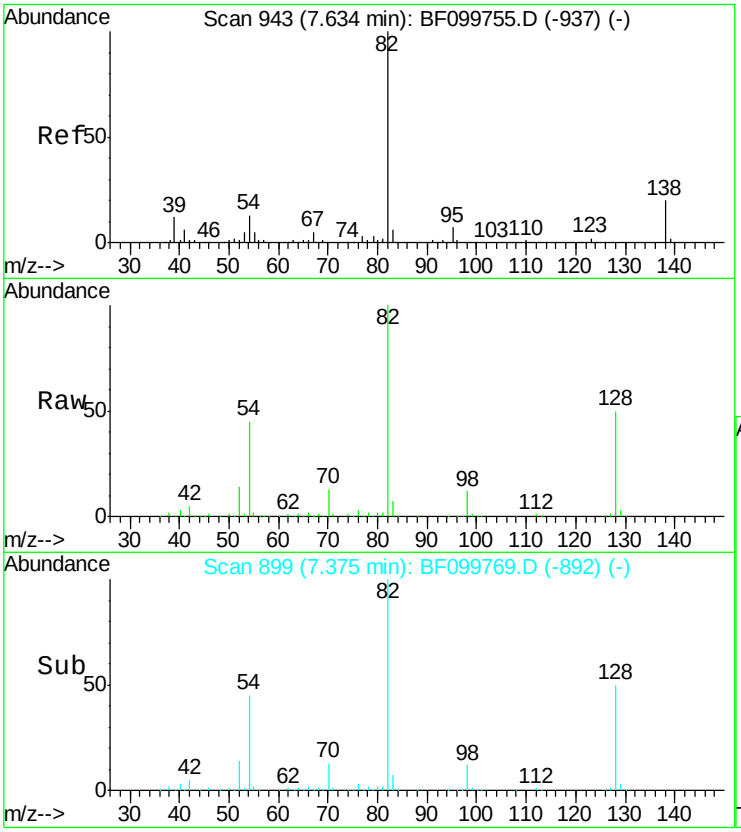


#23
Nitrobenzene-d5
Concen: 90.69 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion: 82 Resp: 609173

Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.1	54.1
54	45.2	41.4	62.2



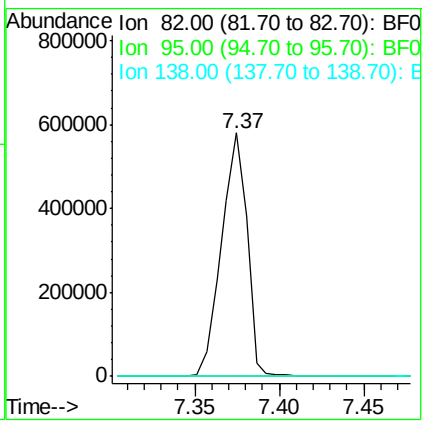


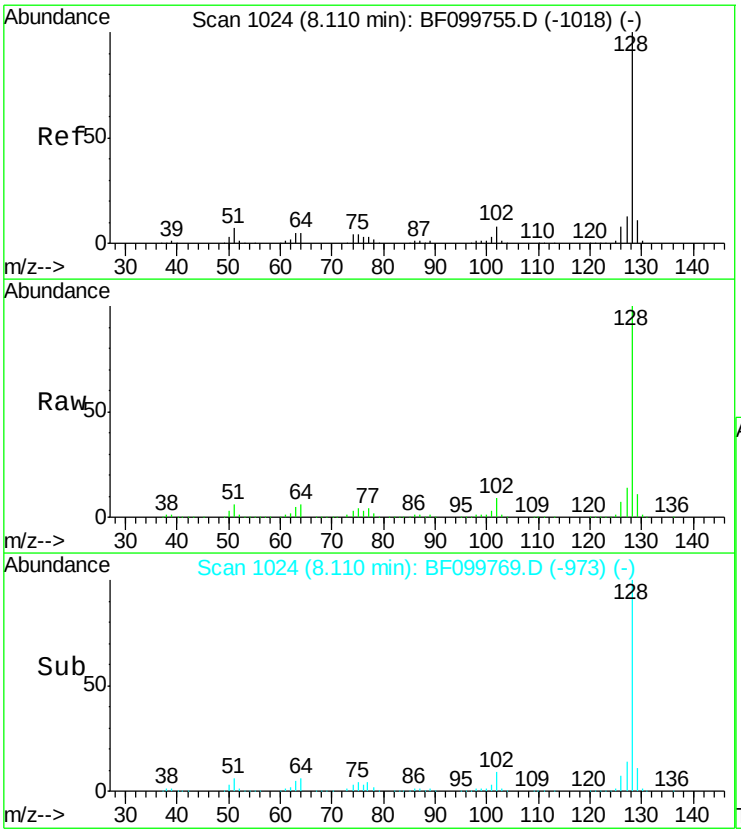
#25
Isophorone
Concen: 49.98 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion: 82 Resp: 609166

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

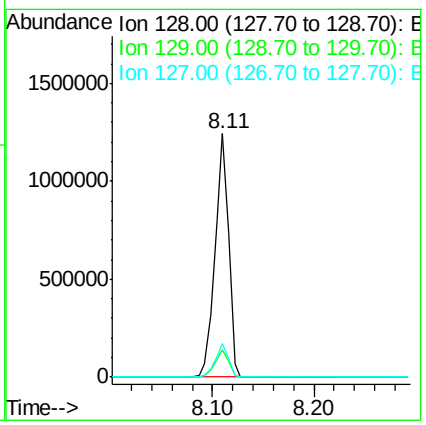


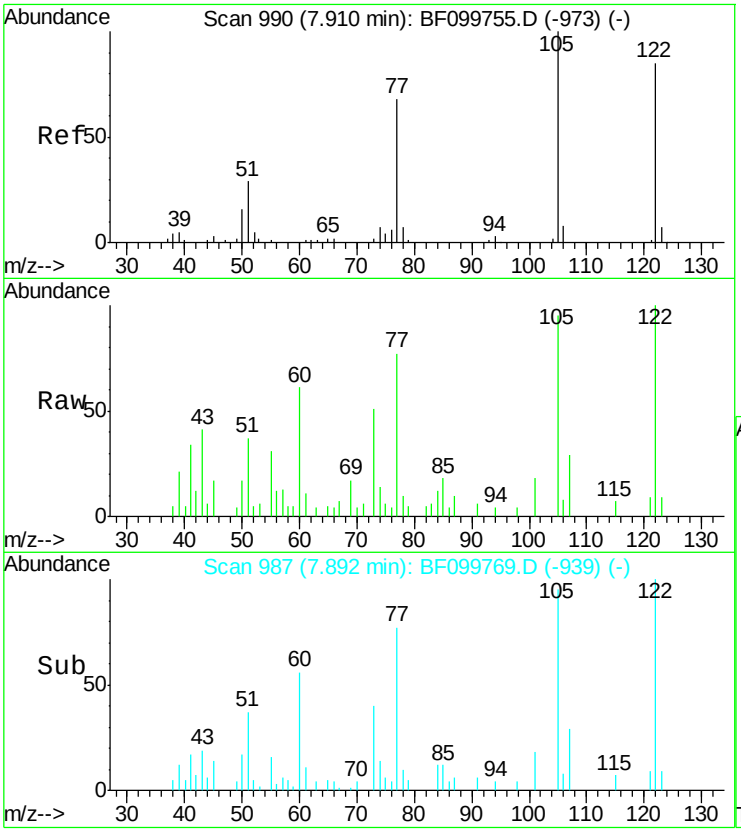


#31
Naphthalene
Concen: 54.95 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:128 Resp: 1147040

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.7	10.9	16.3



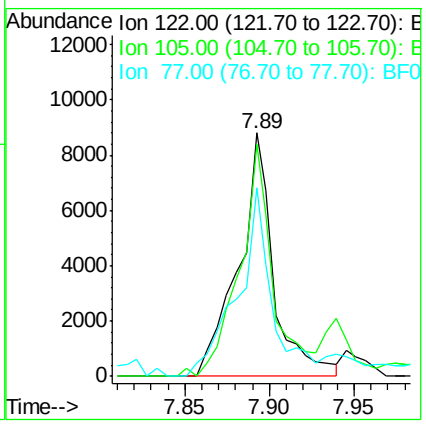


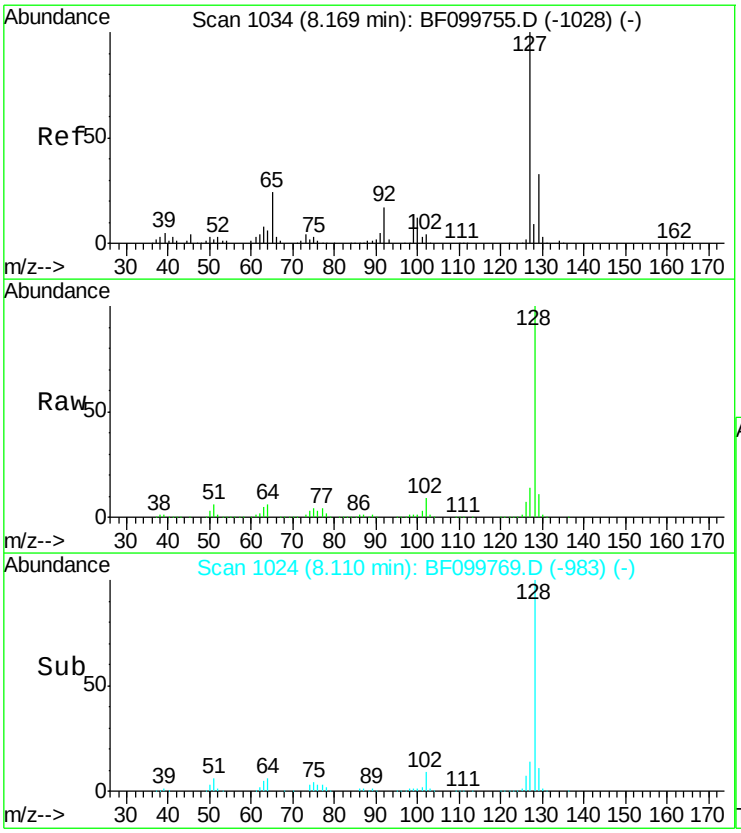
#32
Benzoic acid
Concen: 2.55 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:122 Resp: 12795

Ion	Ratio	Lower	Upper
122	100		
105	95.3	101.1	141.1#
77	77.2	70.7	110.7

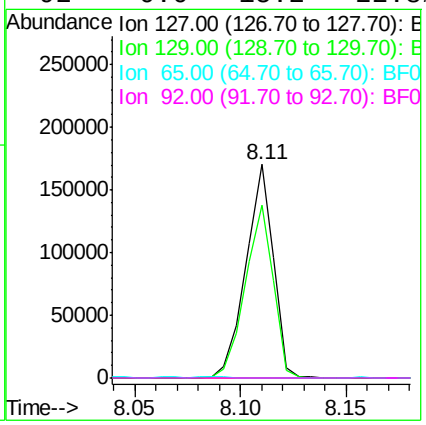


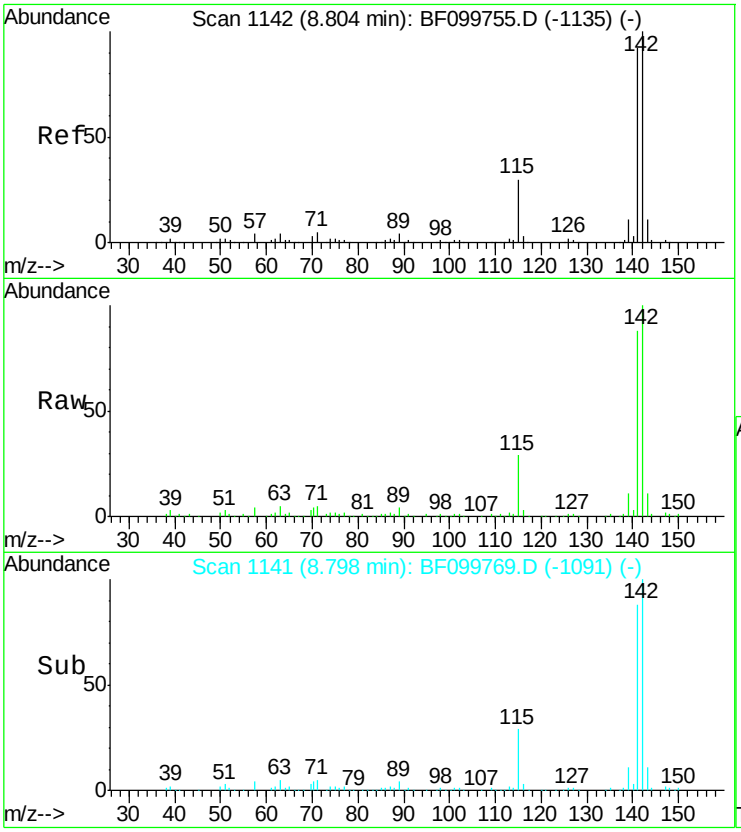


#33
4-Chloroaniline
Concen: 17.83 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.06 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:127 Resp: 153654

Ion	Ratio	Lower	Upper
127	100		
129	81.0	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

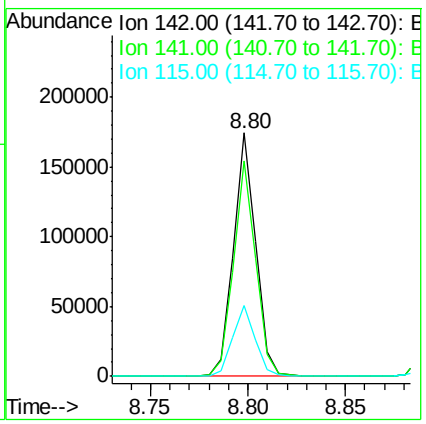




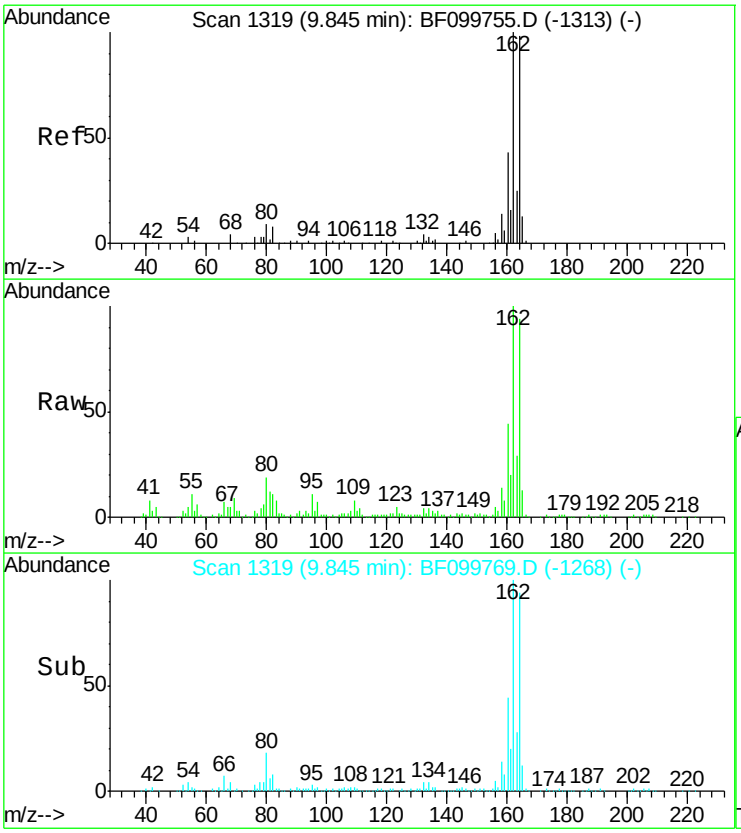
#37
2-Methylnaphthalene
Concen: 9.86 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:142 Resp: 137991

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	29.3	26.1	39.1



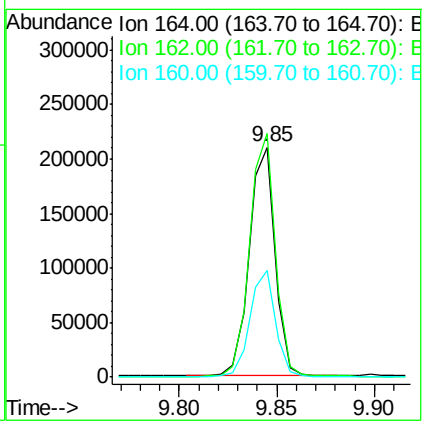
Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

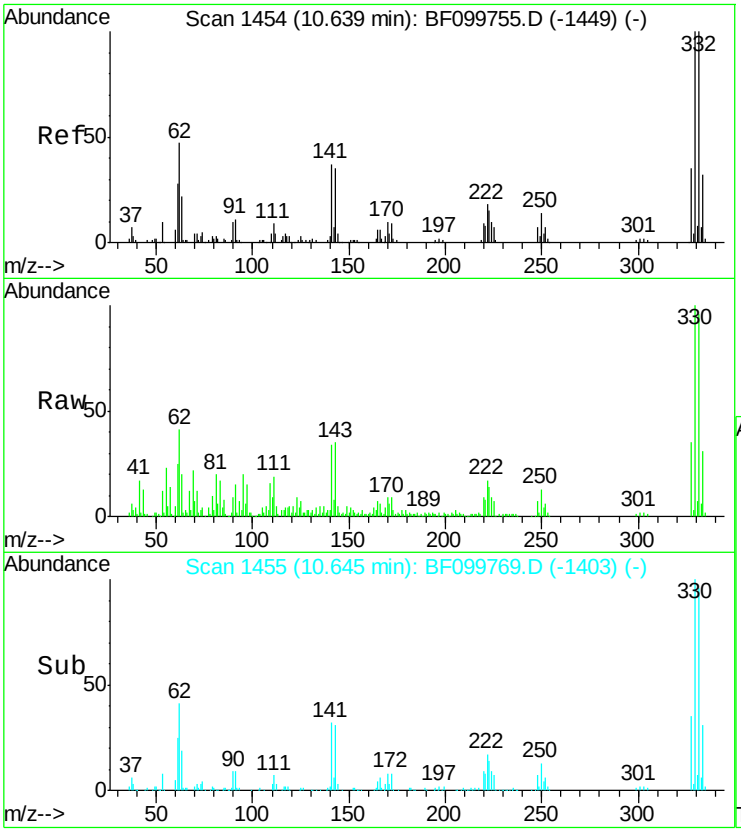


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:164 Resp: 190758

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	46.4	38.3	57.5



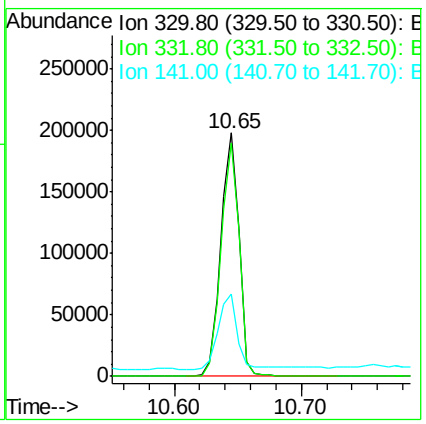


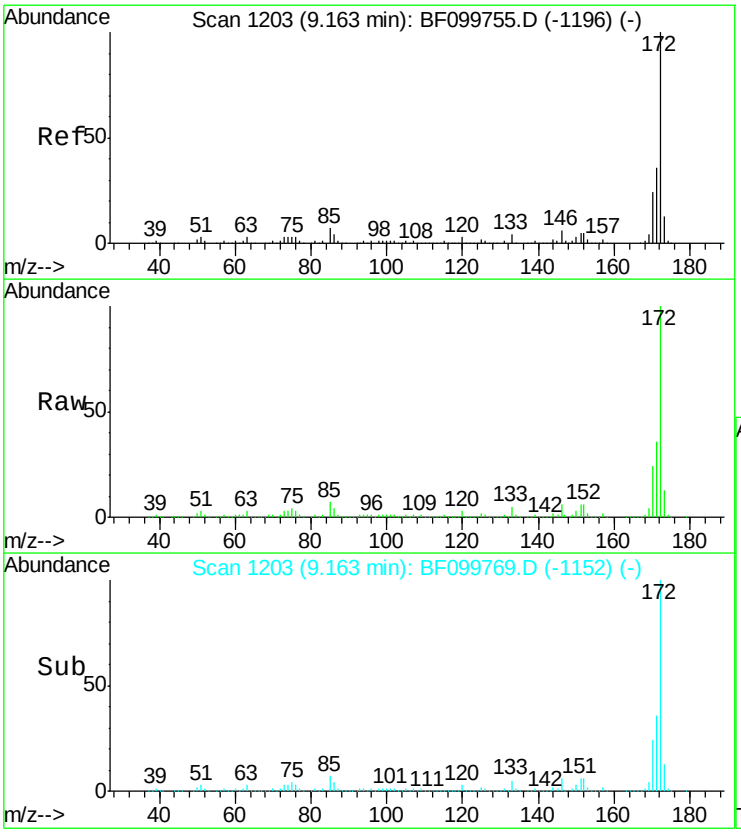
#41
2,4,6-Tribromophenol
Concen: 113.54 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:330 Resp: 197380

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.4	29.9	44.9

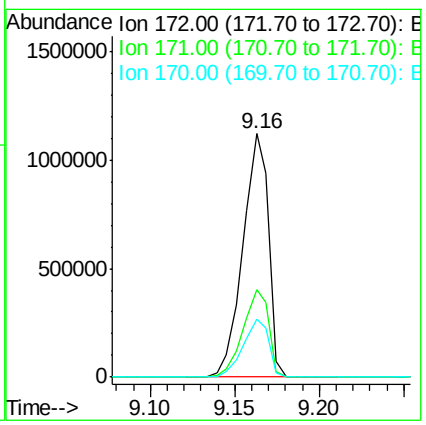


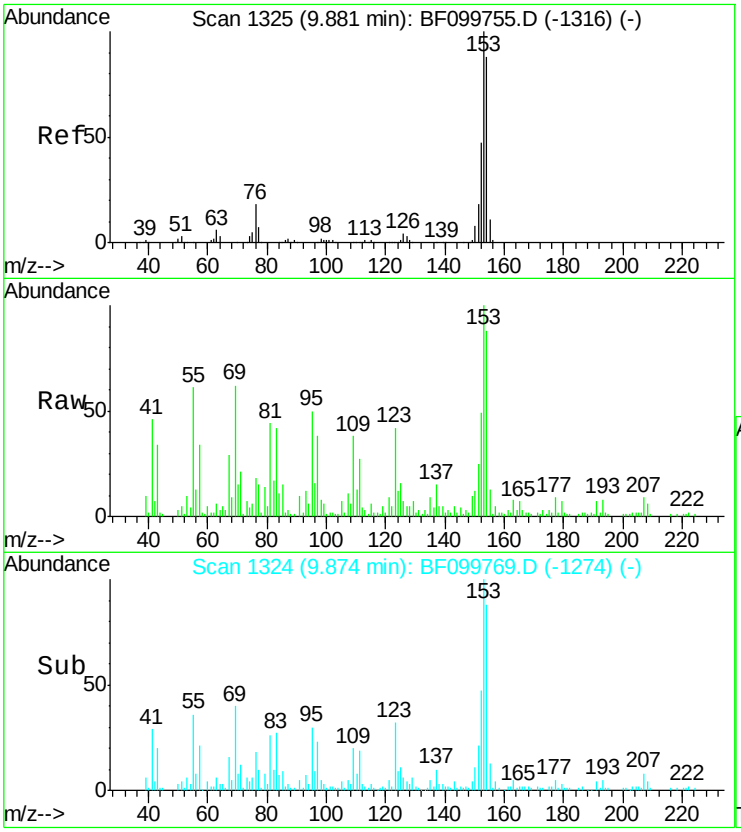


#44
2-Fluorobiphenyl
Concen: 96.03 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:172 Resp: 1187320

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.6	19.6	29.4



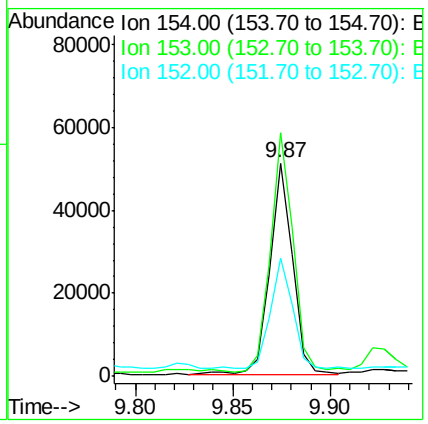


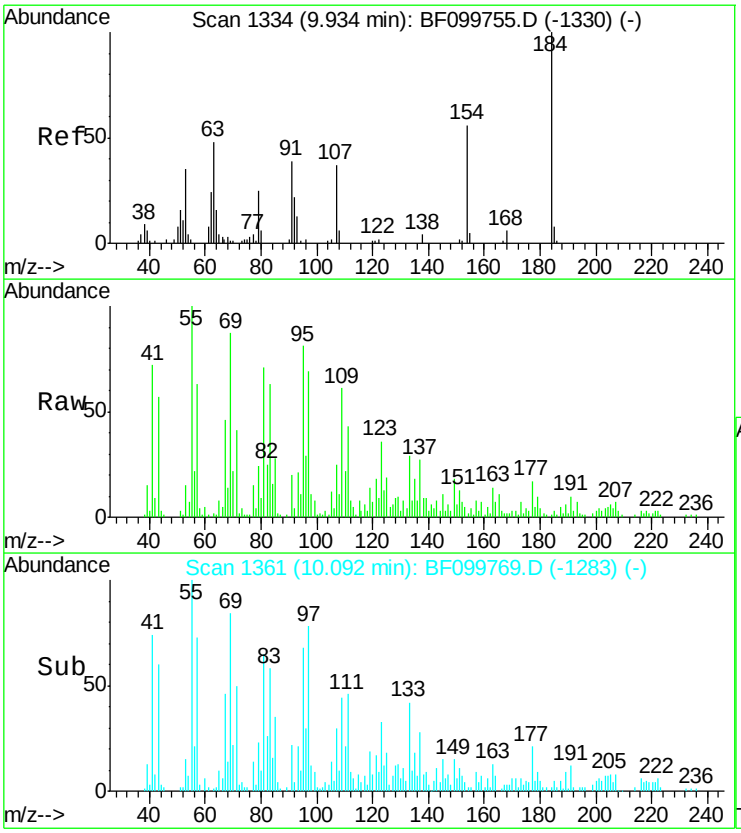
#51
Acenaphthene
Concen: 3.47 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:154 Resp: 40911

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.2	136.8
152	55.5	43.8	65.8

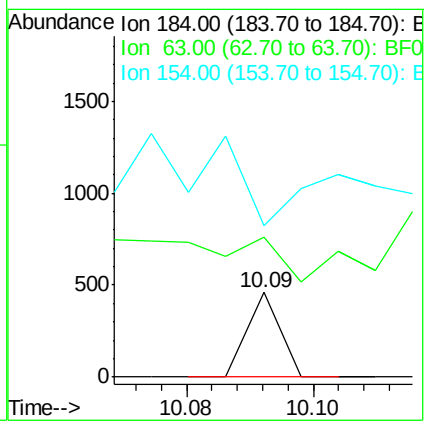


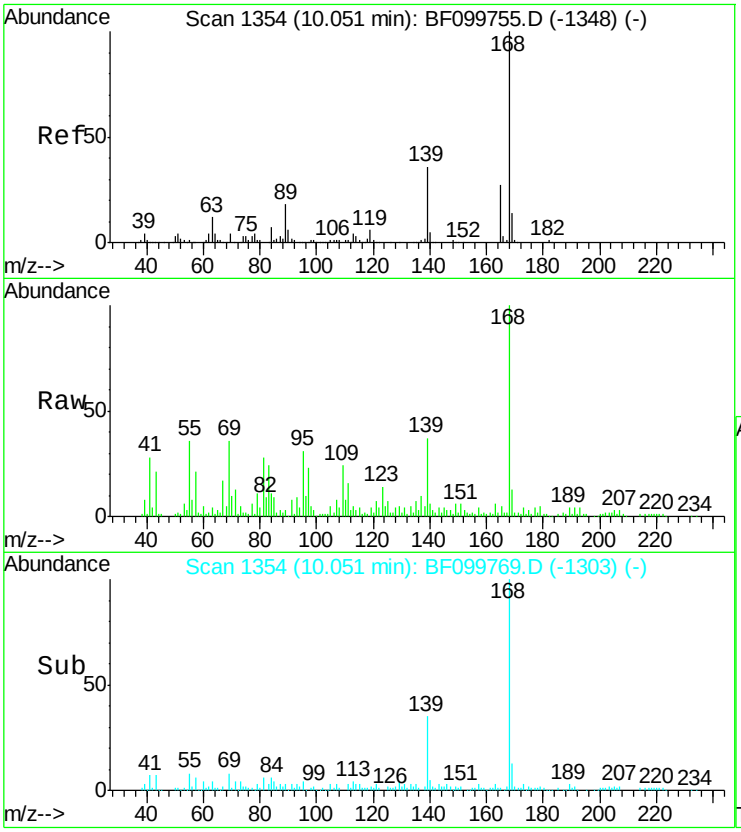


#53
2,4-Dinitrophenol
Concen: 5.88 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.16 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:184 Resp: 162

Ion	Ratio	Lower	Upper
184	100		
63	165.2	54.2	81.2#
154	178.9	53.5	80.3#



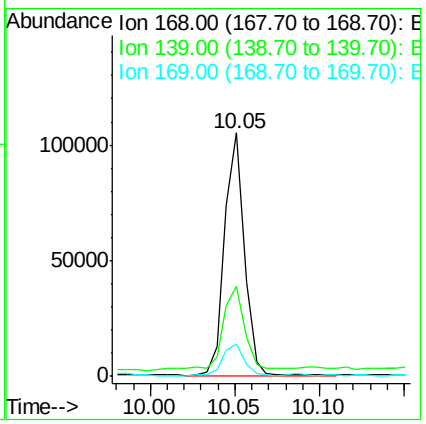


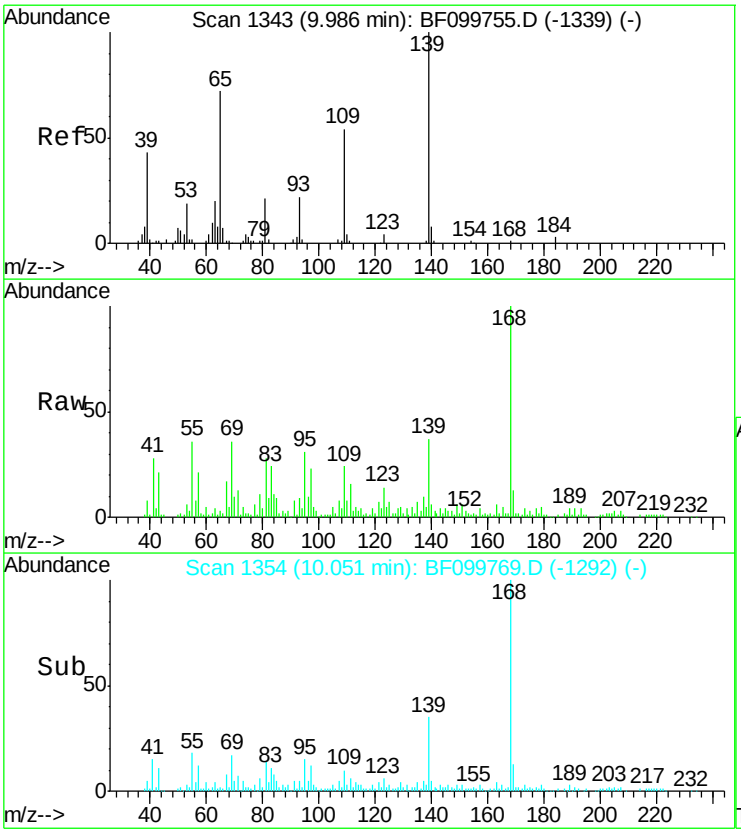
#54
Dibenzofuran
Concen: 5.11 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:168 Resp: 85043

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	13.3	10.9	16.3

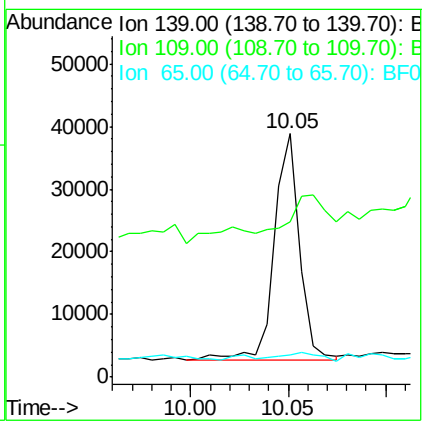


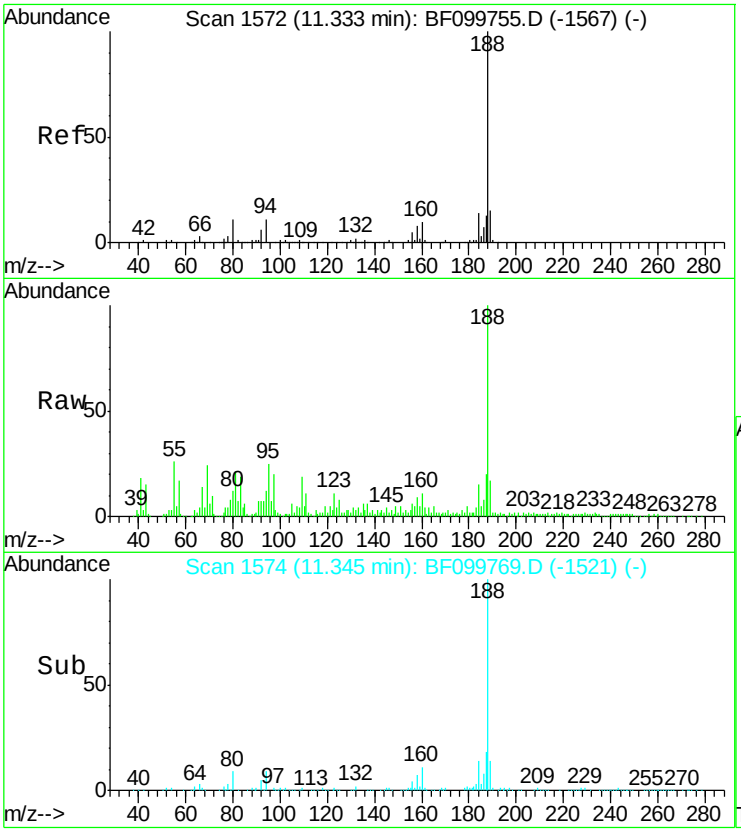


#55
4-Nitrophenol
Concen: 16.73 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.06 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:139 Resp: 32714

Ion	Ratio	Lower	Upper
139	100		
109	63.9	48.4	88.4
65	9.4	72.6	112.6#



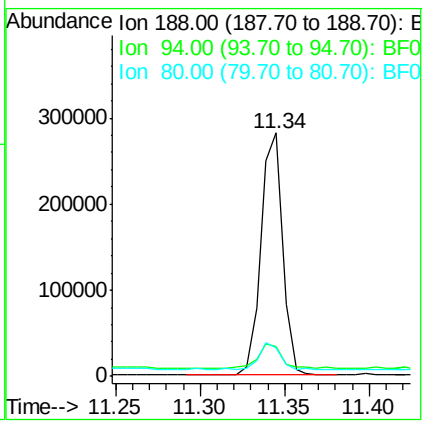


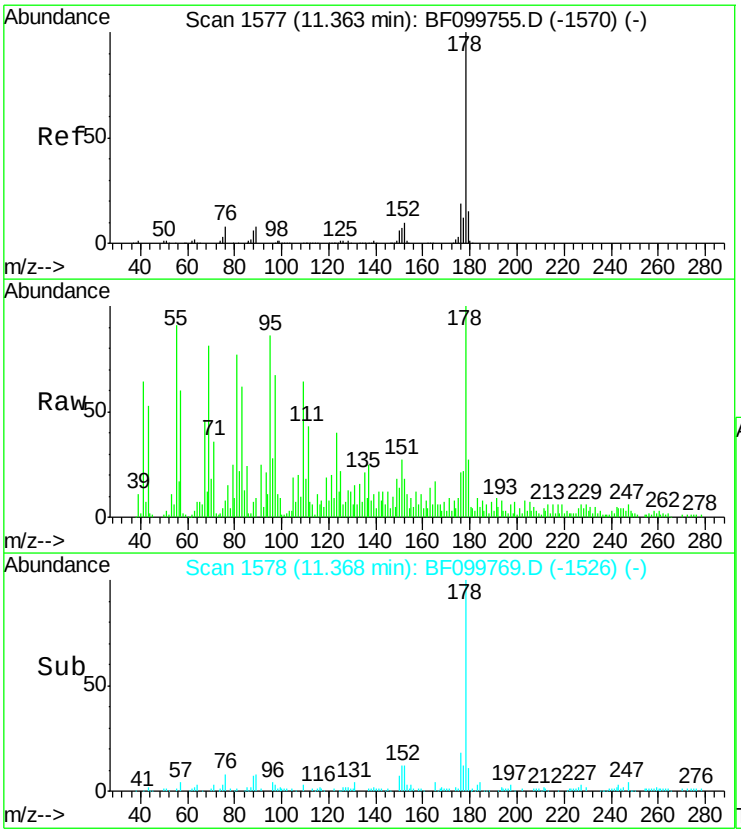
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:188 Resp: 250923

Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.5	12.7
80	11.9	9.2	13.8

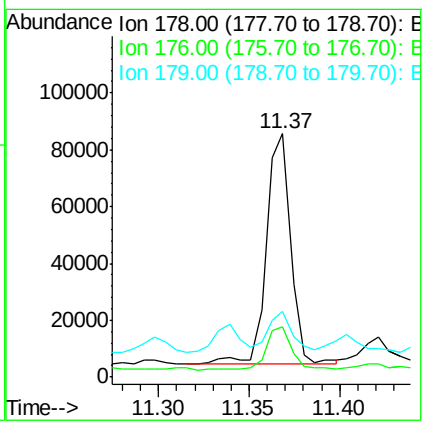


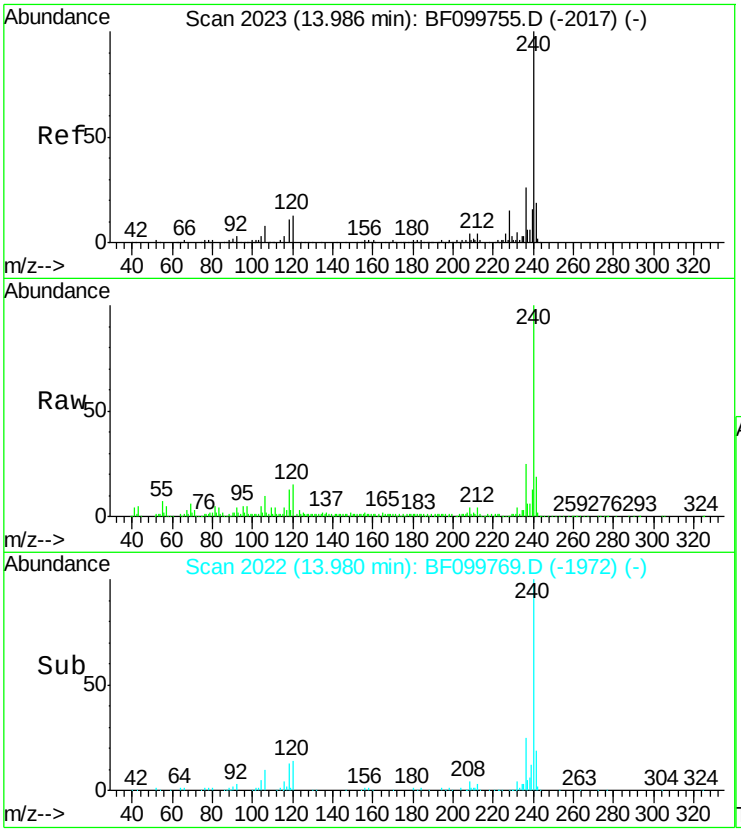


#70
Phenanthrene
Concen: 5.40 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:178 Resp: 76472

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	27.1	13.0	19.6#



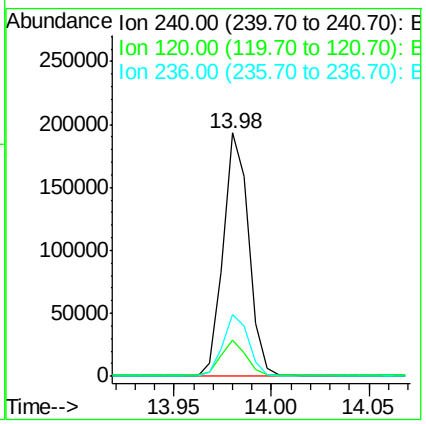


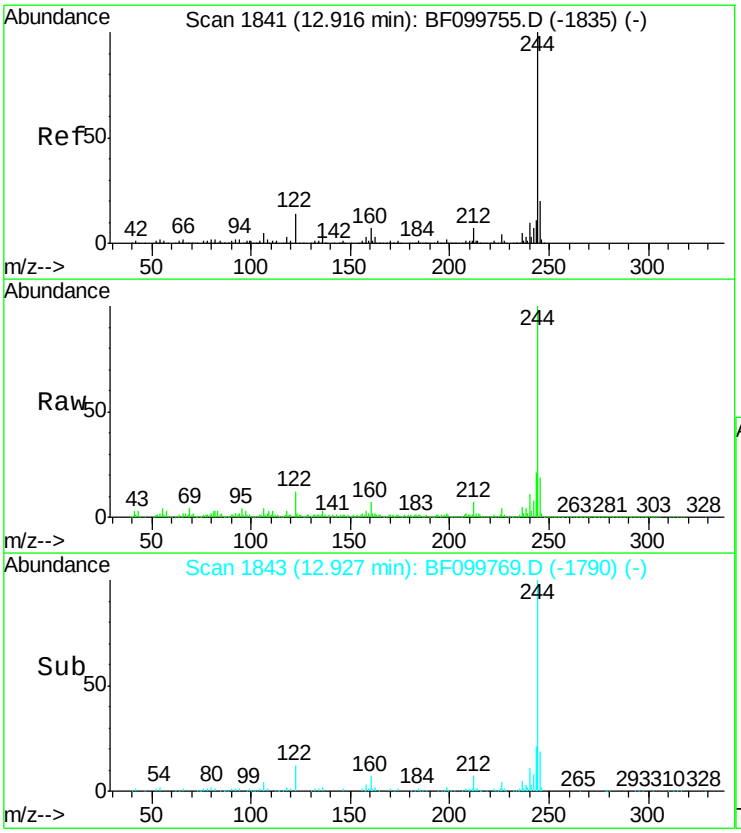
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:240 Resp: 176773

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	25.4	20.7	31.1

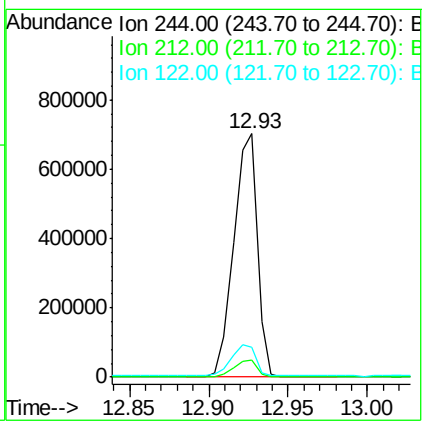


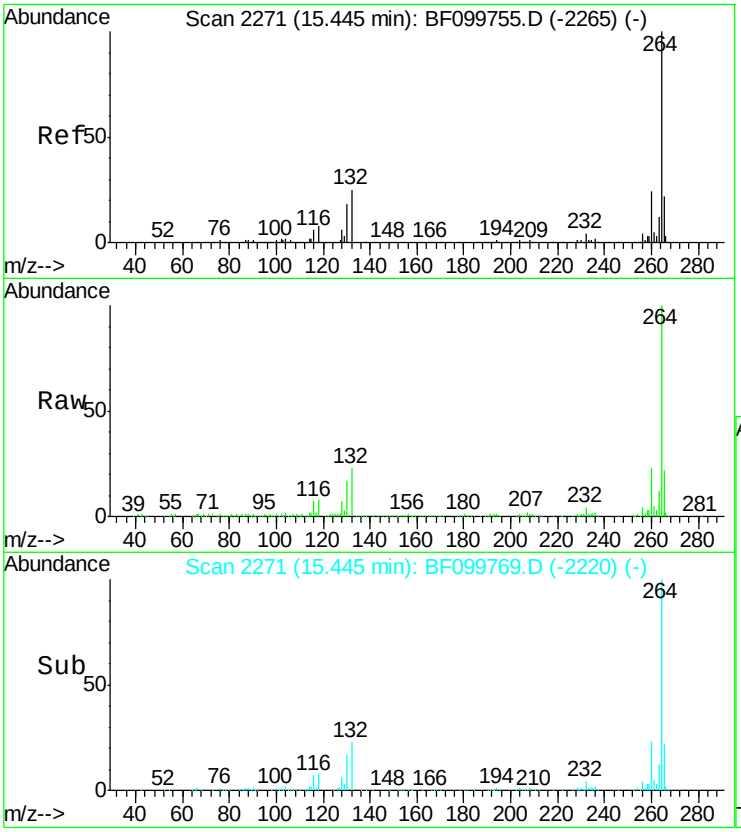


#78
Terphenyl-d14
Concen: 89.41 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Tgt Ion:244 Resp: 723258

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.1	11.0	16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099769.D
Acq: 23 Oct 2017 19:58

Instrument :
BNA_F
ClientSampleId :
20170724-C-A-COMP3

Tgt Ion:264 Resp: 191021

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.5	26.3