Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099381.D
Acq On : 12 Oct 2017 9:08
Operator : SJ/JU
Sample : I5530-16 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 13 16:36:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	144507	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	579301	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	245951	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	366006	20.00	ng		0.00
75) Chrysene-d12	14.02	240	252594	20.00	ng		0.00
86) Perylene-d12	15.49	264	269297	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	141861	15.63	ng		0.00
7) Phenol-d6	6.47	99	172315	15.39	ng		-0.01
23) Nitrobenzene-d5	7.41	82	97597	10.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	25850	12.84	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	191001	12.96	ng		0.00
78) Terphenyl-d14	12.95	244	104137	9.38	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.41	82	97596	5.226	ng	#	64
49) Dimethylphthalate	9.60	163	43233	2.329	ng		99
50) 2,6-Dinitrotoluene	9.89	165	32268	7.985	ng	#	25
55) 4-Nitrophenol	10.09	139	8720	2.189	ng	#	9
56) 2,4-Dinitrotoluene	9.89	165	32268	6.152	ng	#	23
70) Phenanthrene	11.40	178	329293	16.808	ng		98
71) Anthracene	11.45	178	84965	4.239	ng		98
74) Fluoranthene	12.59	202	374156	18.860	ng		98
77) Pyrene	12.82	202	314950	16.351	ng		99
80) Benzo(a)anthracene	14.00	228	142479	9.315	ng		97
82) Chrysene	14.04	228	131980	9.063	ng		97
83) Bis(2-ethylhexyl)phthalate	13.97	149	27415	2.199	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.96	276	64789	5.562	ng		99
87) Benzo(b)fluoranthene	15.05	252	217604	13.142	ng	#	95
88) Benzo(k)fluoranthene	15.05	252	217604	13.306	ng		98
89) Benzo(a)pyrene	15.42	252	120140	7.905	ng	#	96
91) Benzo(g,h,i)perylene	17.41	276	62904	5.232	ng		96

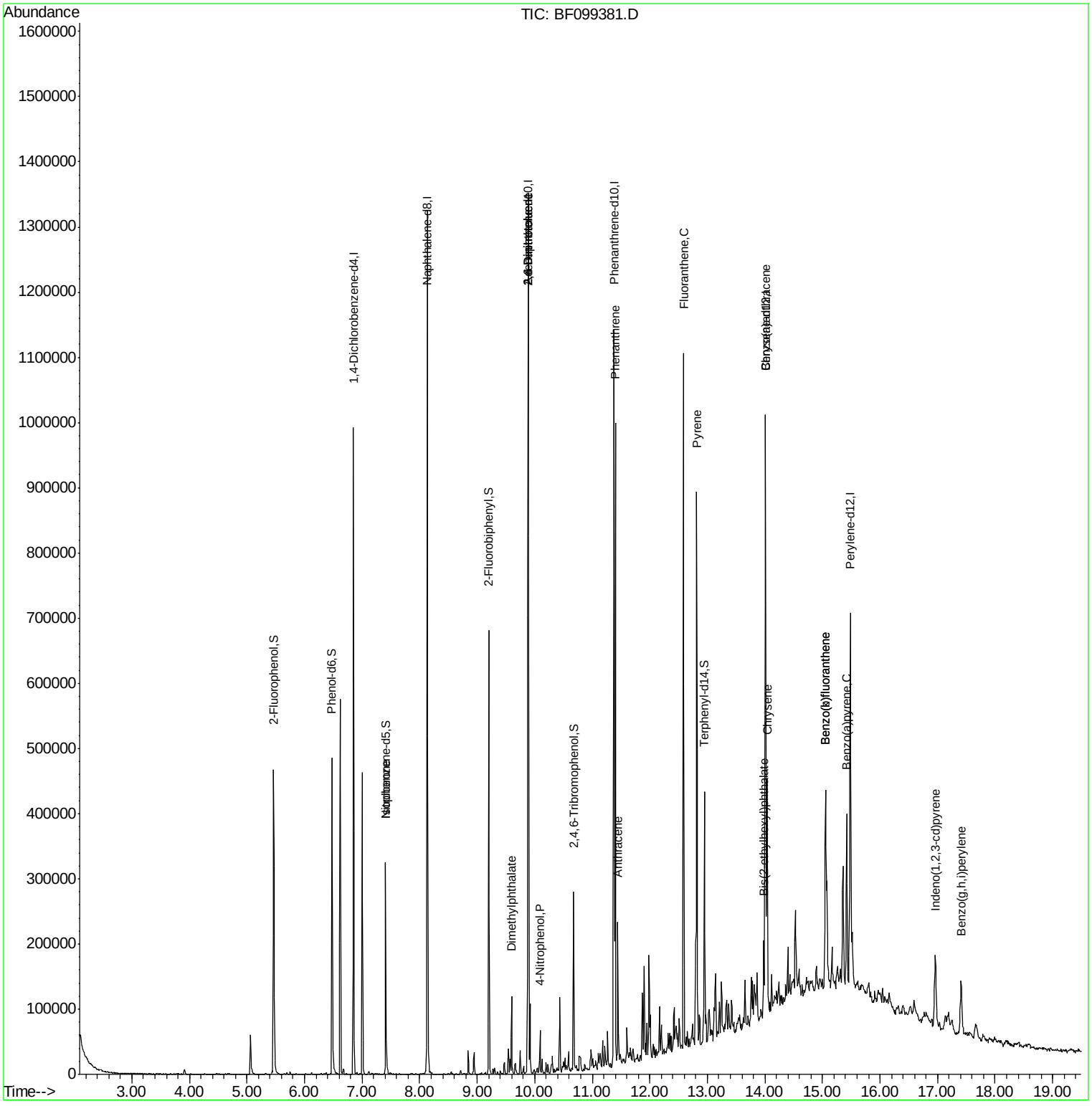
(#) = qualifier out of range (m) = manual integration (+) = signals summed

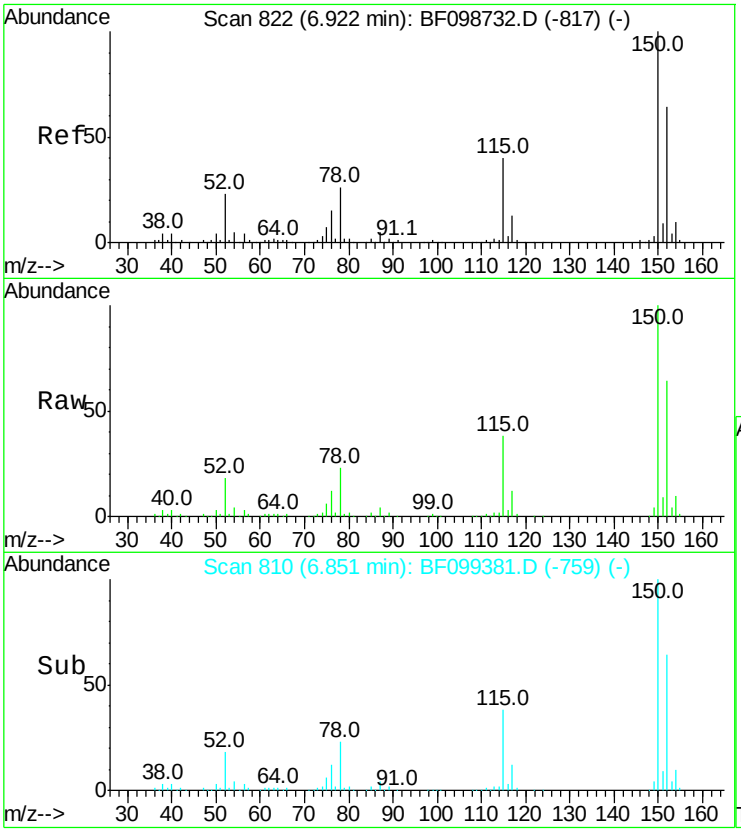
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099381.D
Acq On : 12 Oct 2017 9:08
Operator : SJ/JU
Sample : I5530-16 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 13 16:36:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration



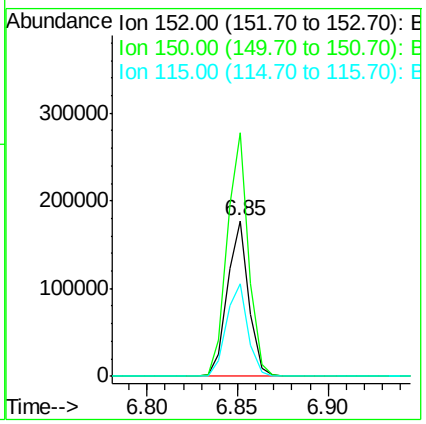


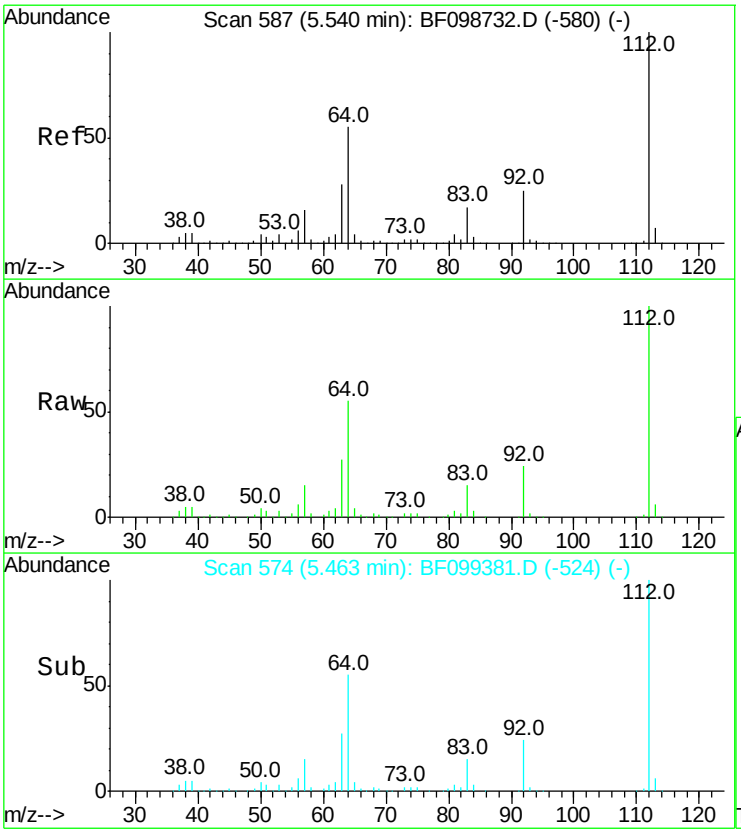
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 144507

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	59.4	50.1	75.1

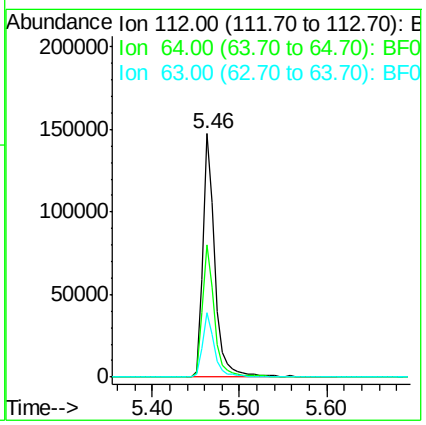


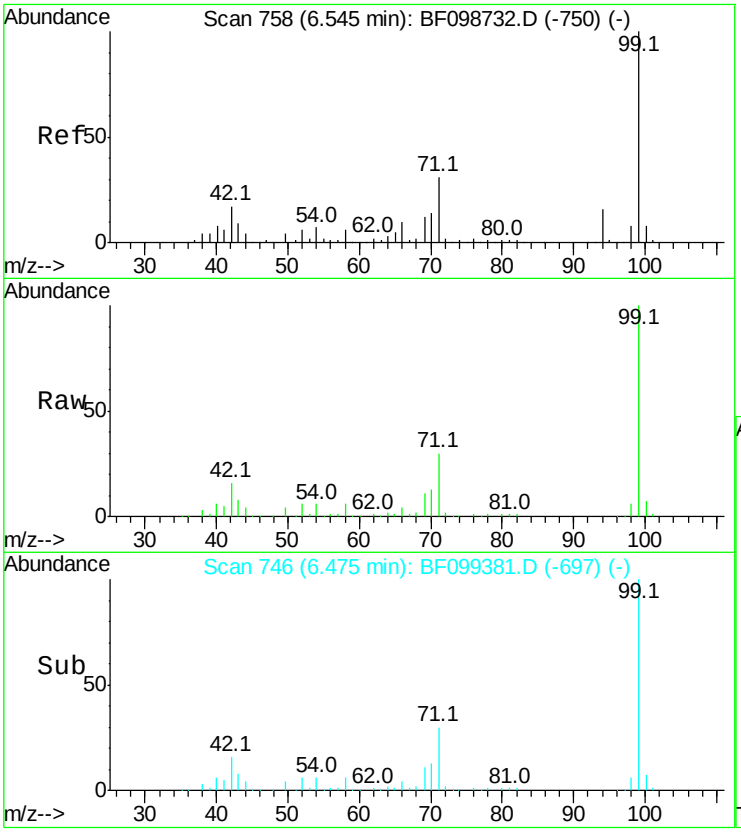


#5
2-Fluorophenol
Concen: 15.628 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion:112 Resp: 141861

Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	26.7	23.7	35.5



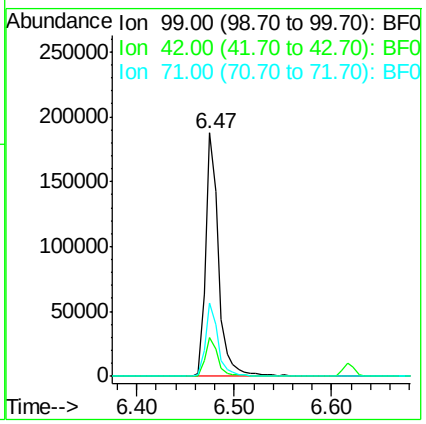


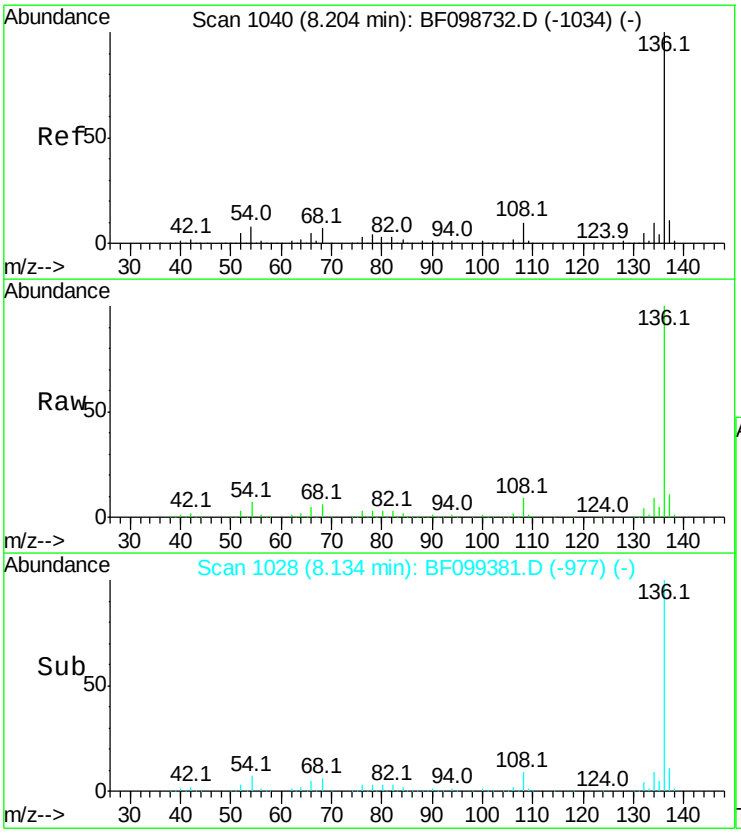
#7
Phenol-d6
Concen: 15.388 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 172315

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	29.9	25.4	38.0

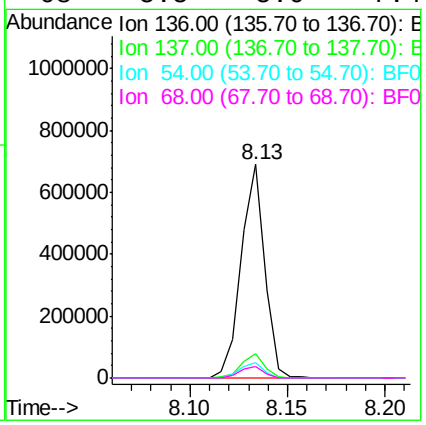


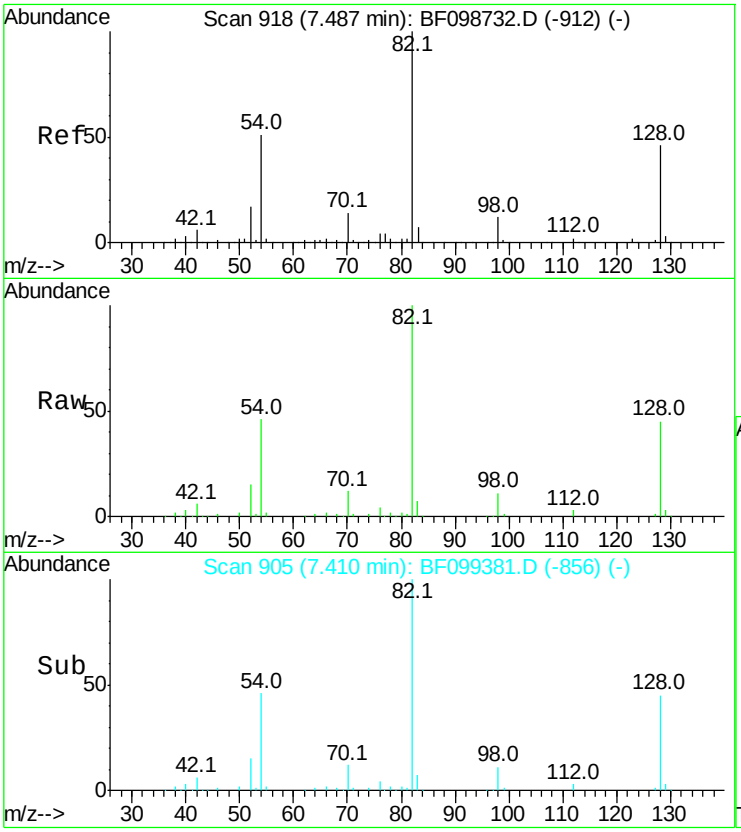


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion:136 Resp: 579301

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.1	6.6	9.8
68	5.5	5.0	7.4



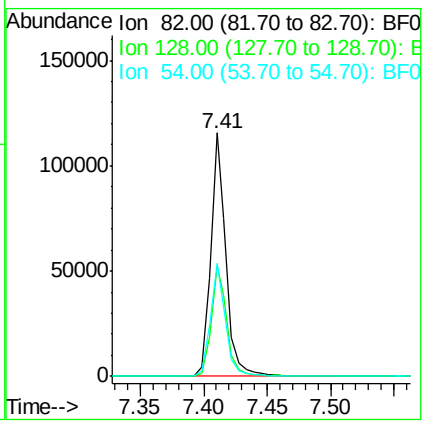


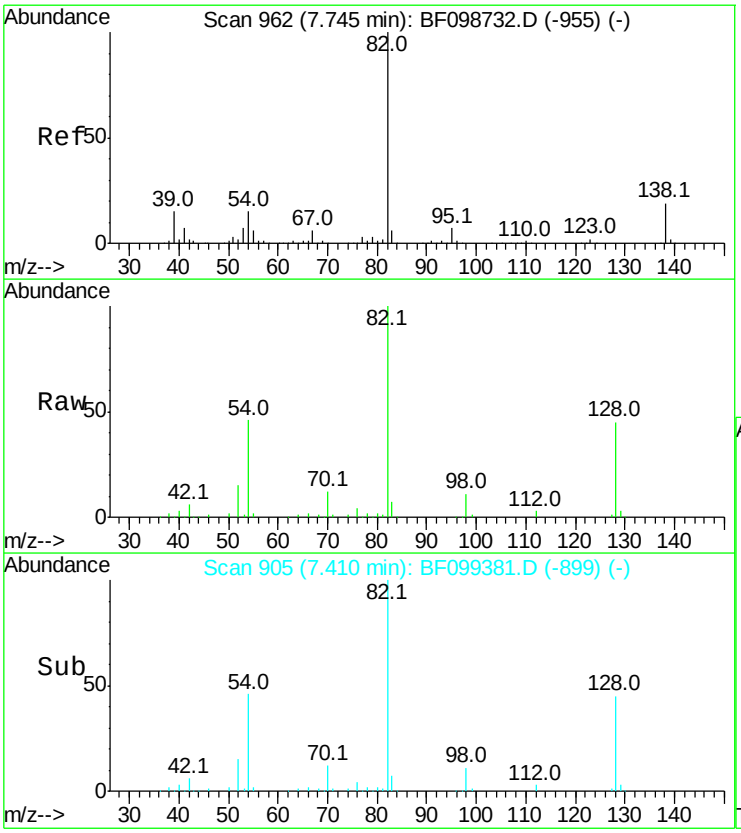
#23
Nitrobenzene-d5
Concen: 10.804 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 97597

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	46.3	41.4	62.2

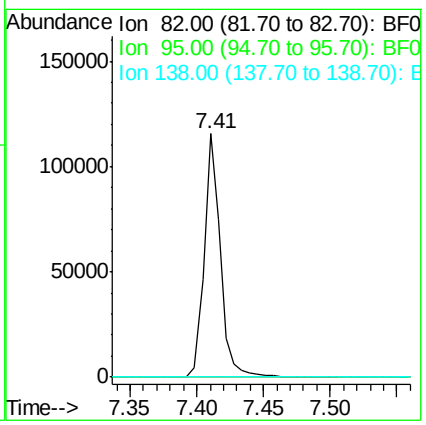


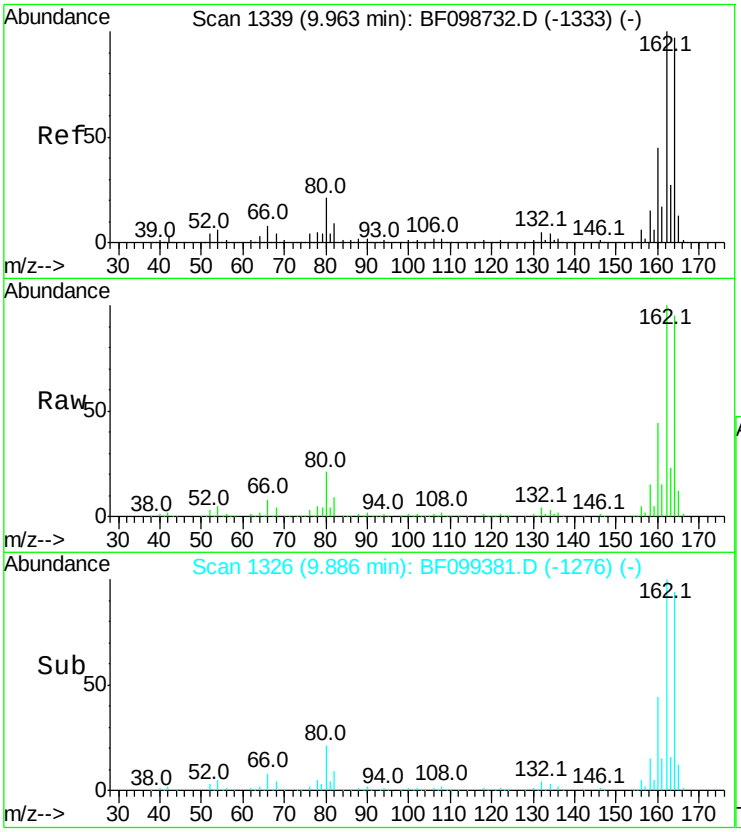


#25
Isophorone
Concen: 5.226 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion: 82 Resp: 97596

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



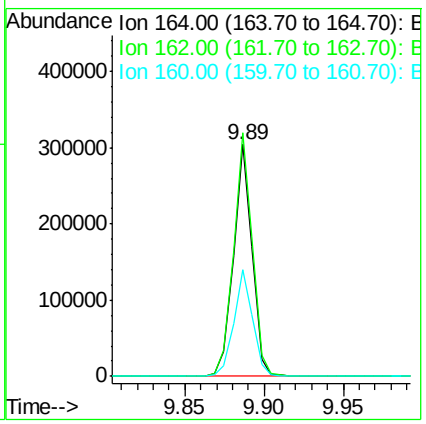


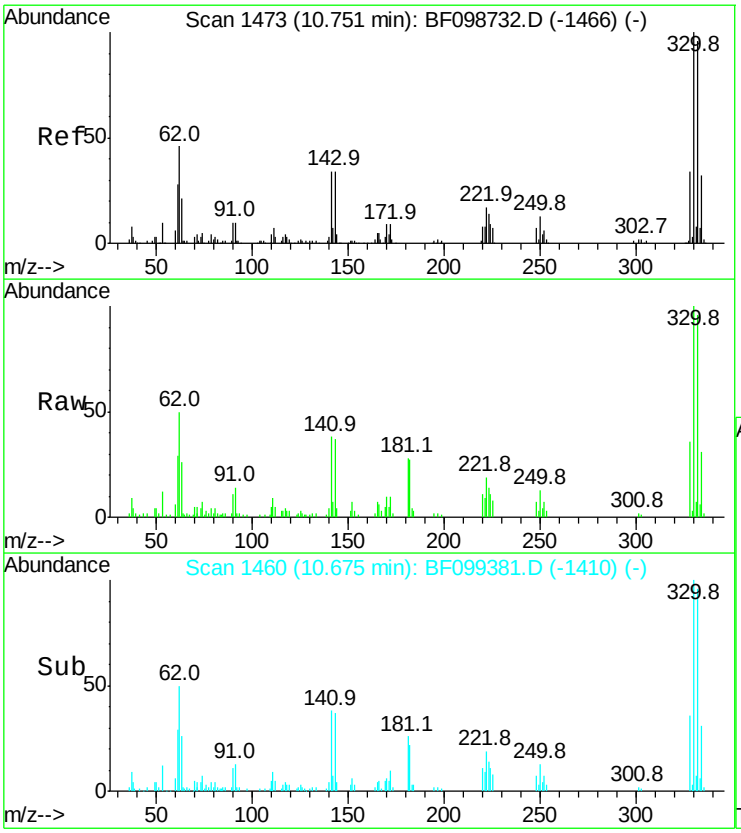
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 245951

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	45.9	38.3	57.5

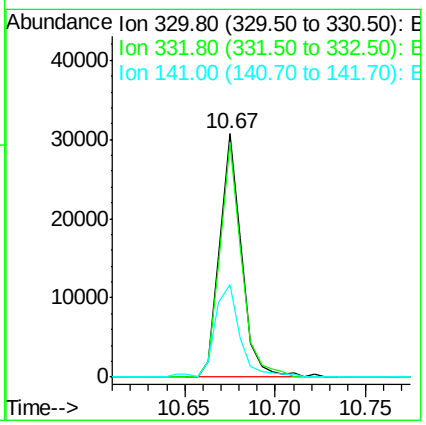


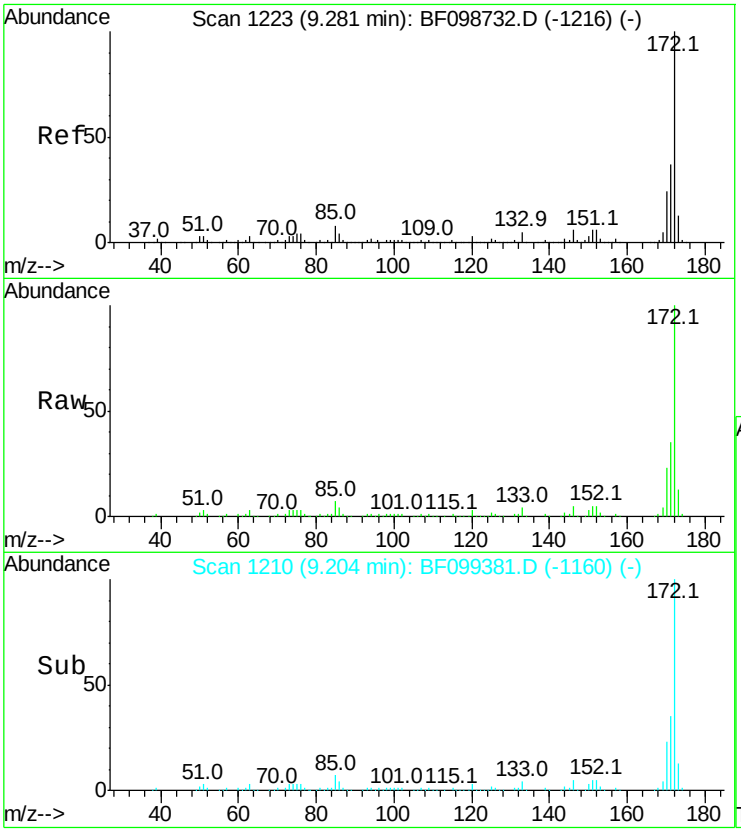


#41
2,4,6-Tribromophenol
Concen: 12.844 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion:330 Resp: 25850

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	44.0	29.9	44.9



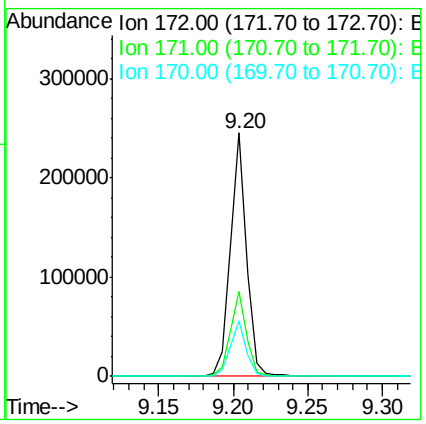


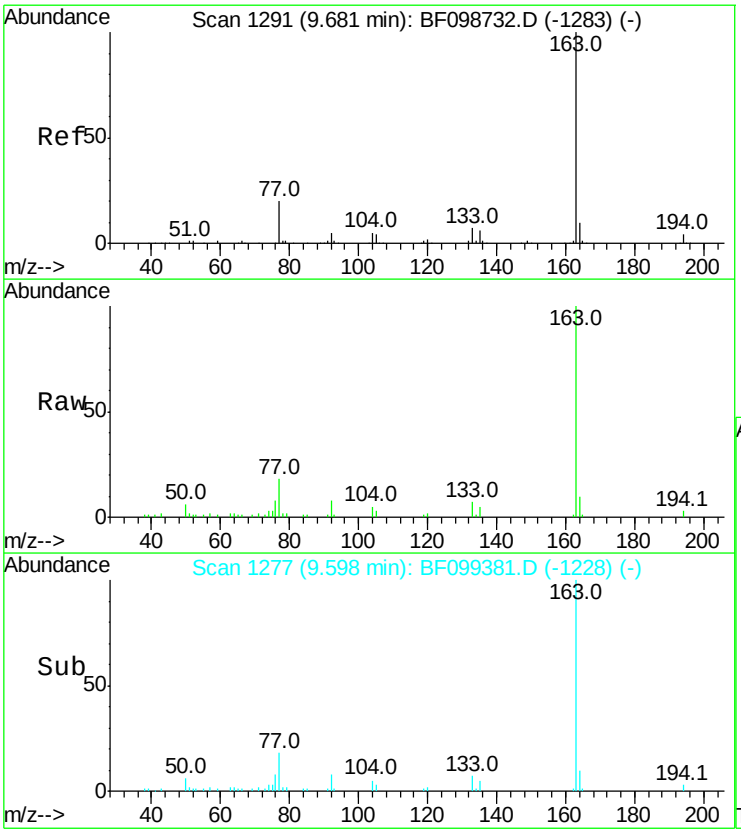
#44
2-Fluorobiphenyl
Concen: 12.964 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 191001

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	22.6	19.6	29.4

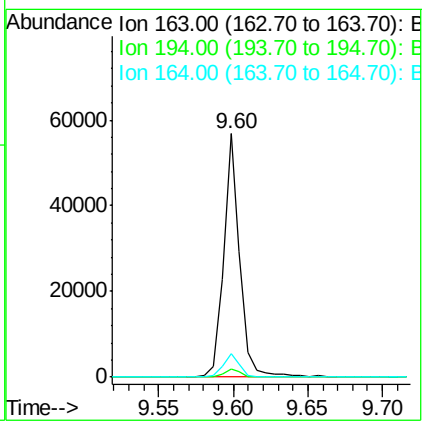


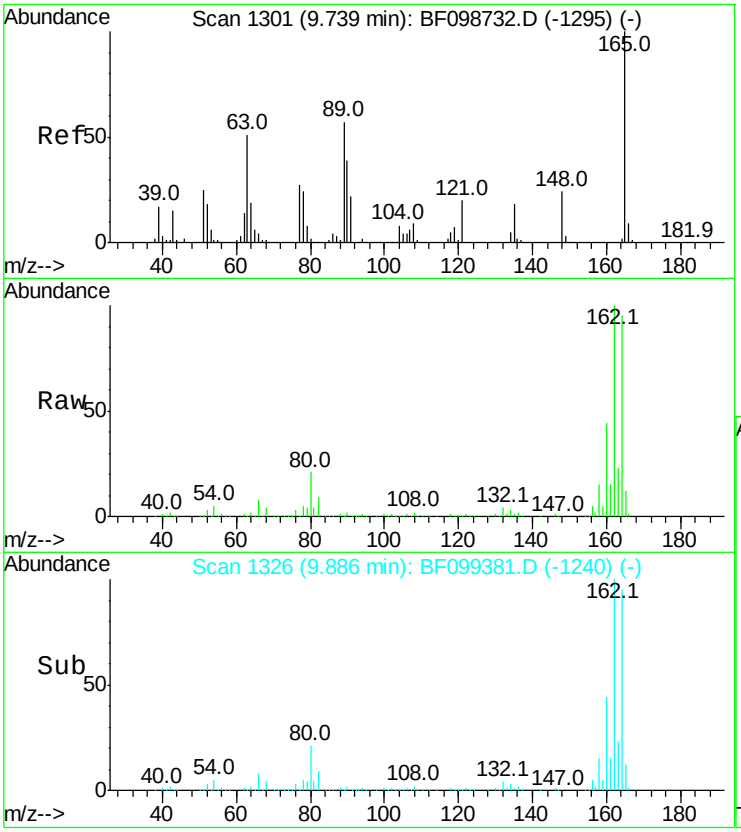


#49
Dimethylphthalate
Concen: 2.329 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion:163 Resp: 43233

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.6	8.2	12.2



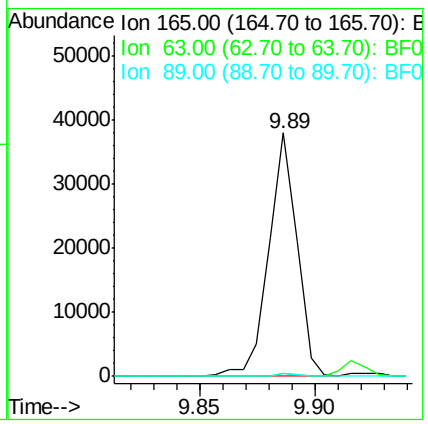


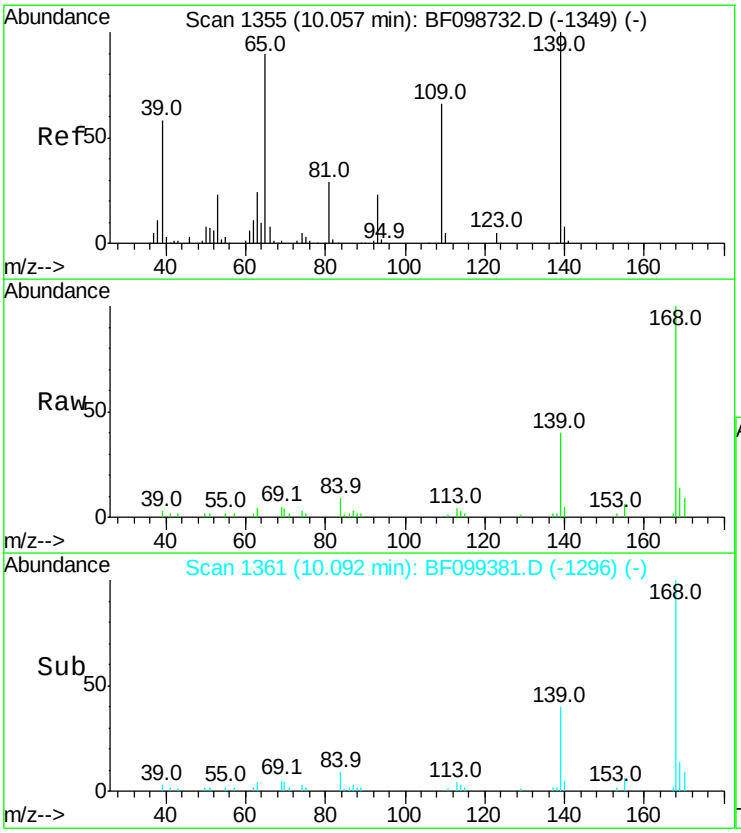
#50
2,6-Dinitrotoluene
Concen: 7.985 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32268

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.2	44.0	66.0#

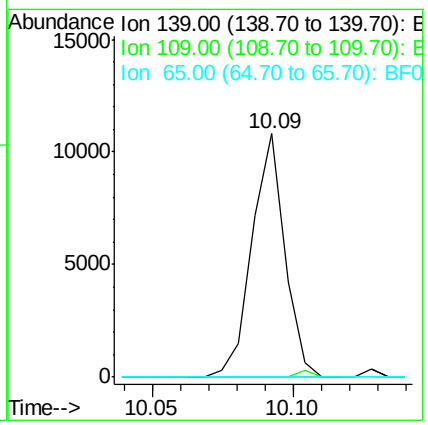


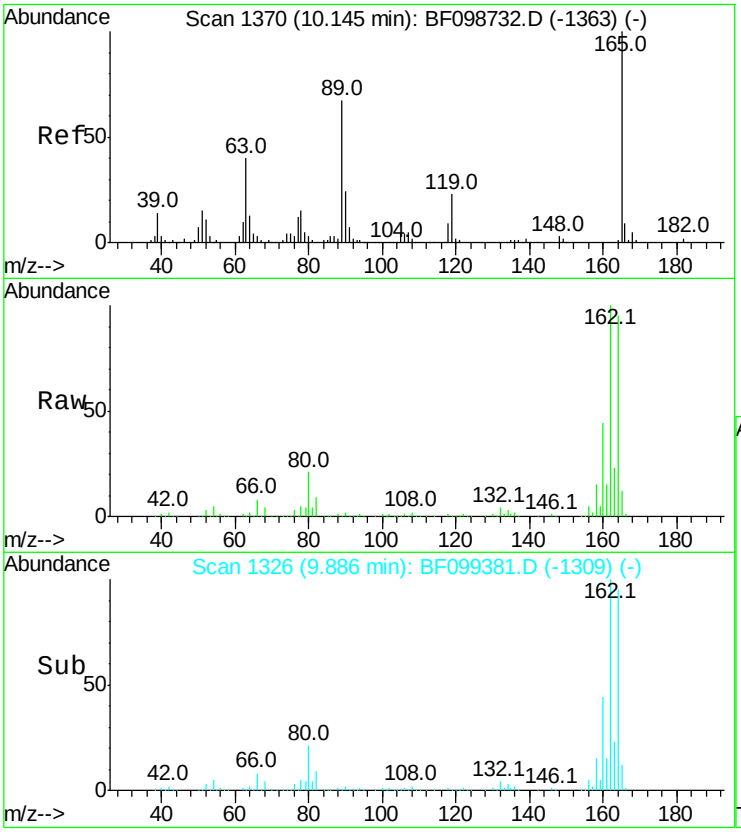


#55
4-Nitrophenol
Concen: 2.189 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion:139 Resp: 8720

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



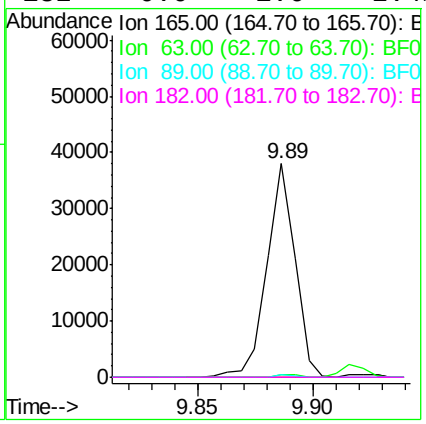


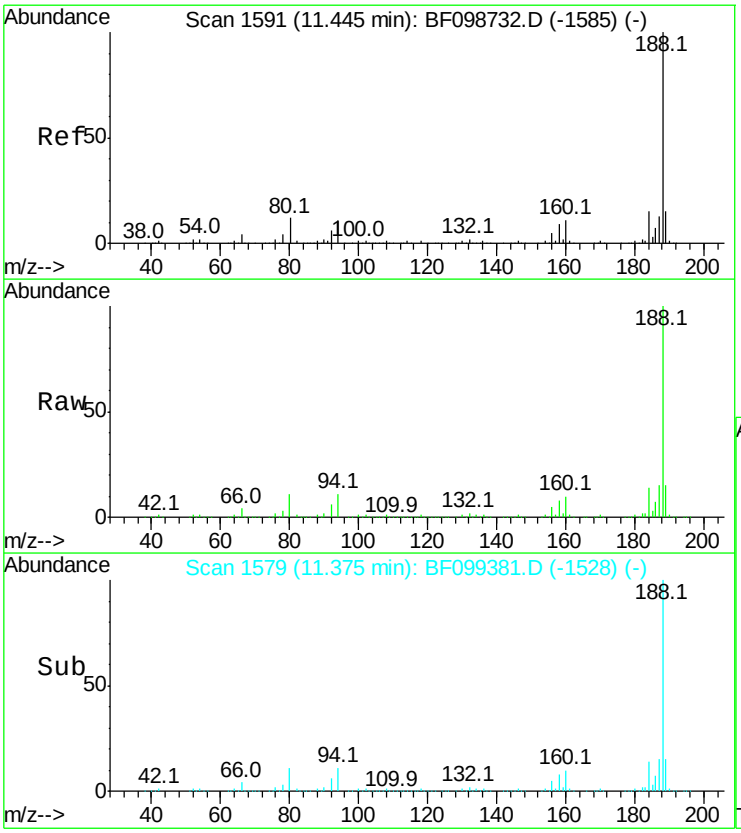
#56
2,4-Dinitrotoluene
Concen: 6.152 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32268

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

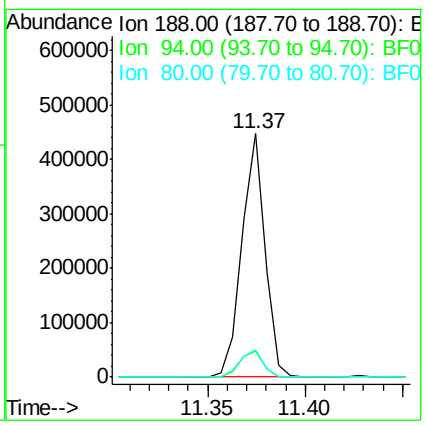


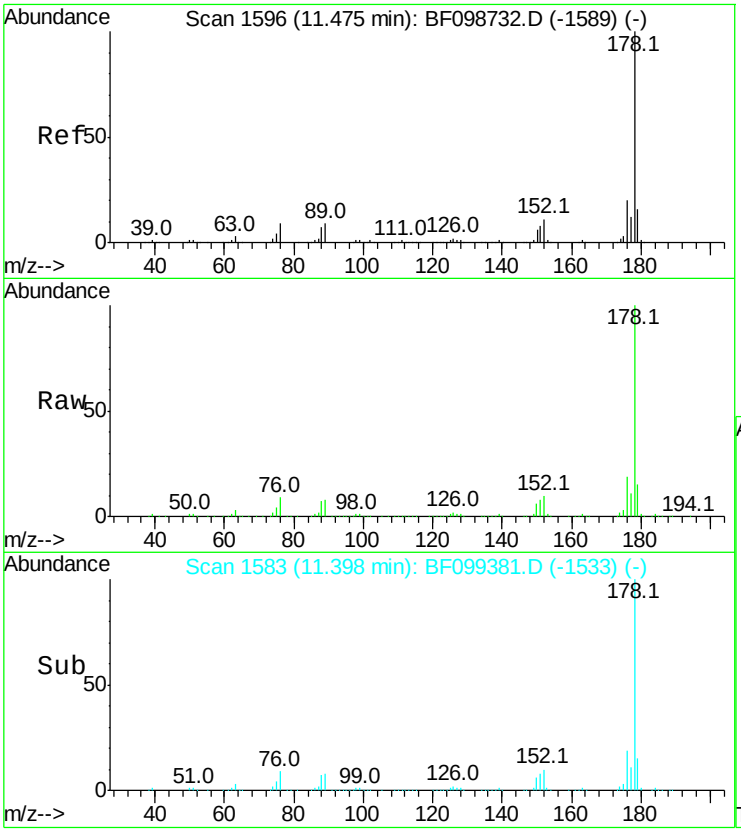


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion:188 Resp: 366006

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.0	9.2	13.8



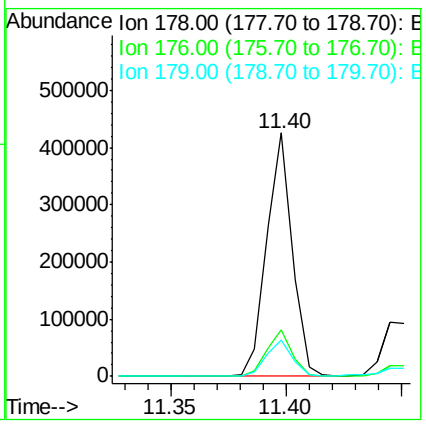


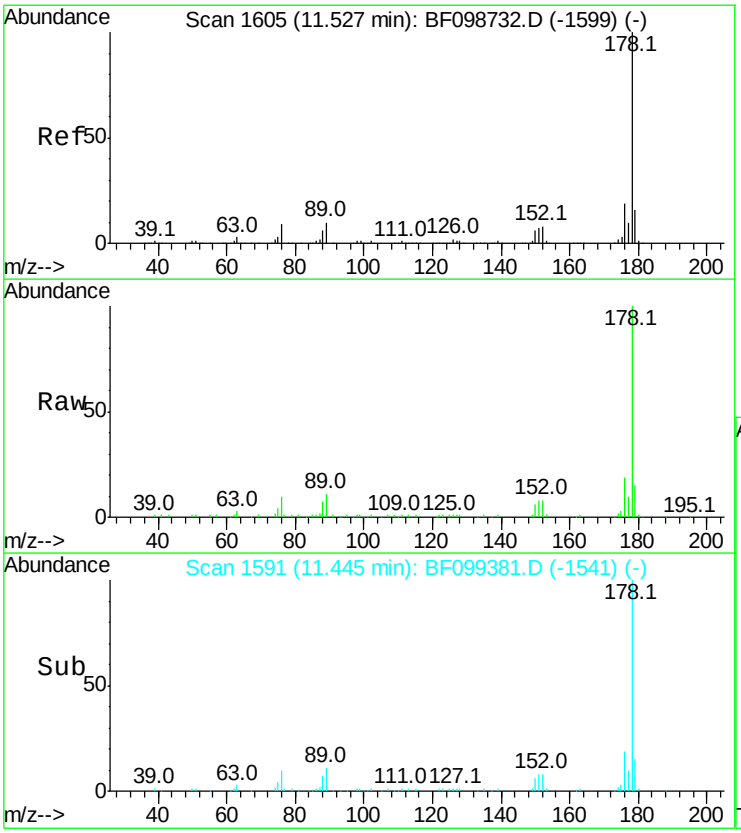
#70
Phenanthrene
Concen: 16.808 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 329293

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.9	13.0	19.6

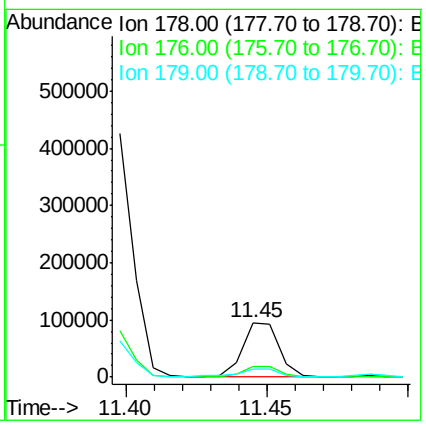


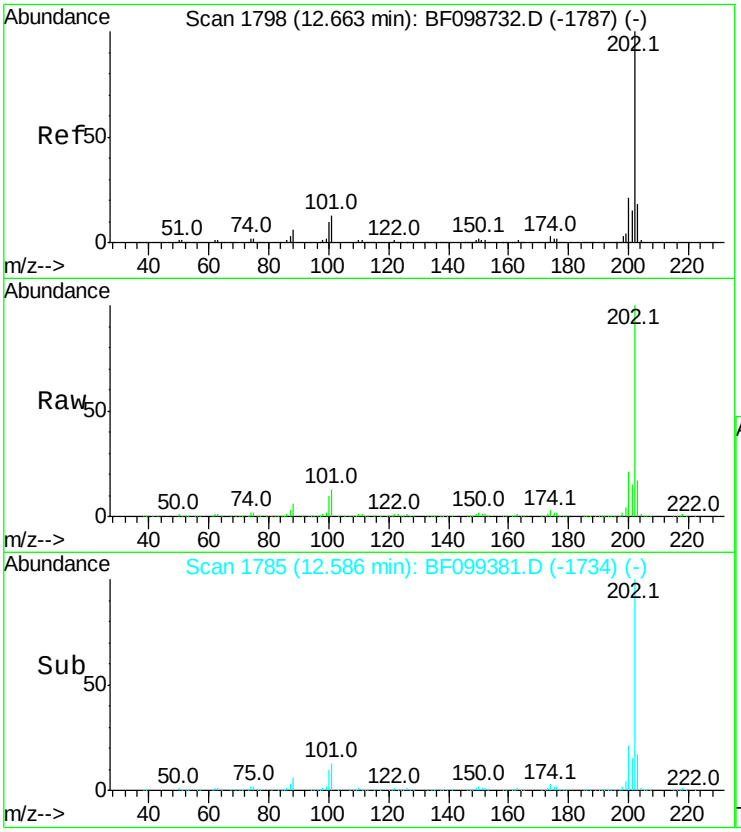


#71
Anthracene
Concen: 4.239 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion:178 Resp: 84965

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	14.9	12.6	19.0



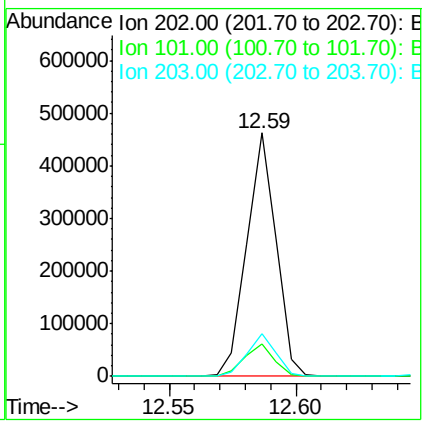


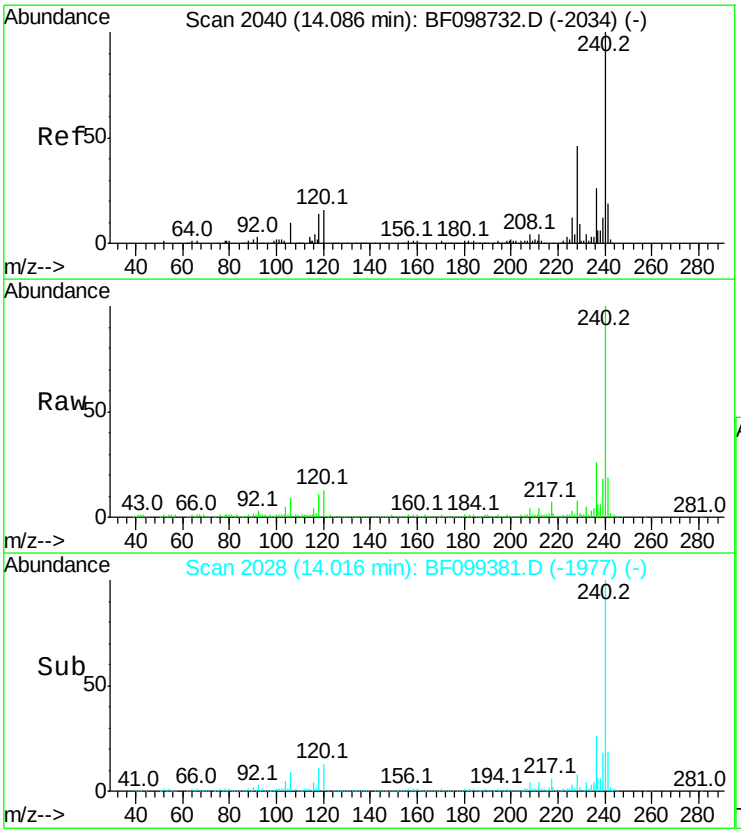
#74
Fluoranthene
Concen: 18.860 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 374156

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	17.3	0.0	38.1

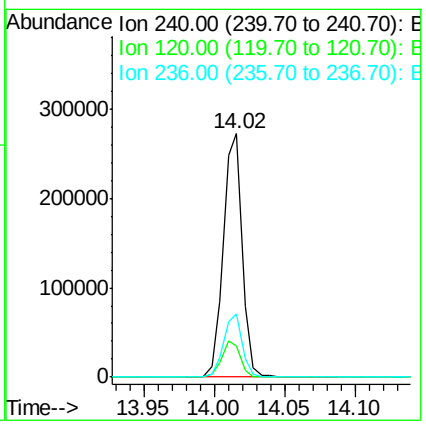


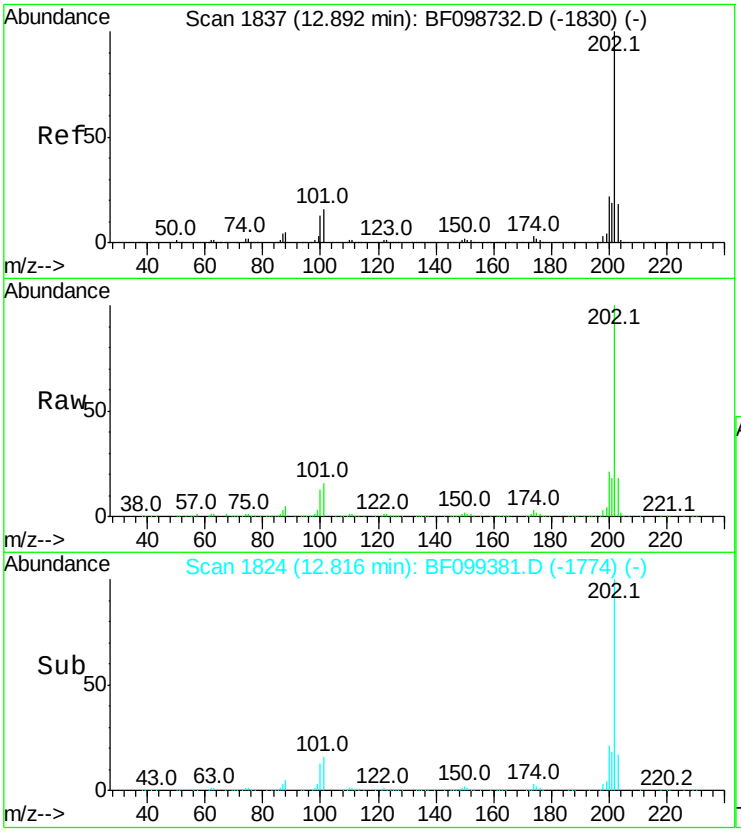


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion:240 Resp: 252594

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.8	20.7	31.1



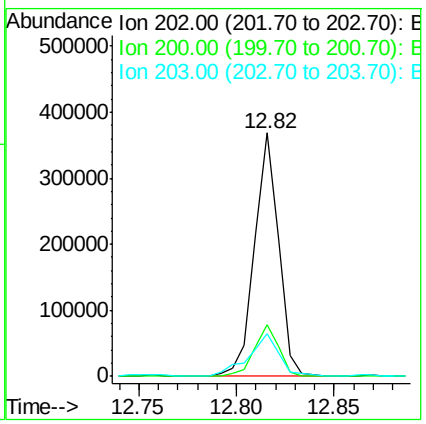


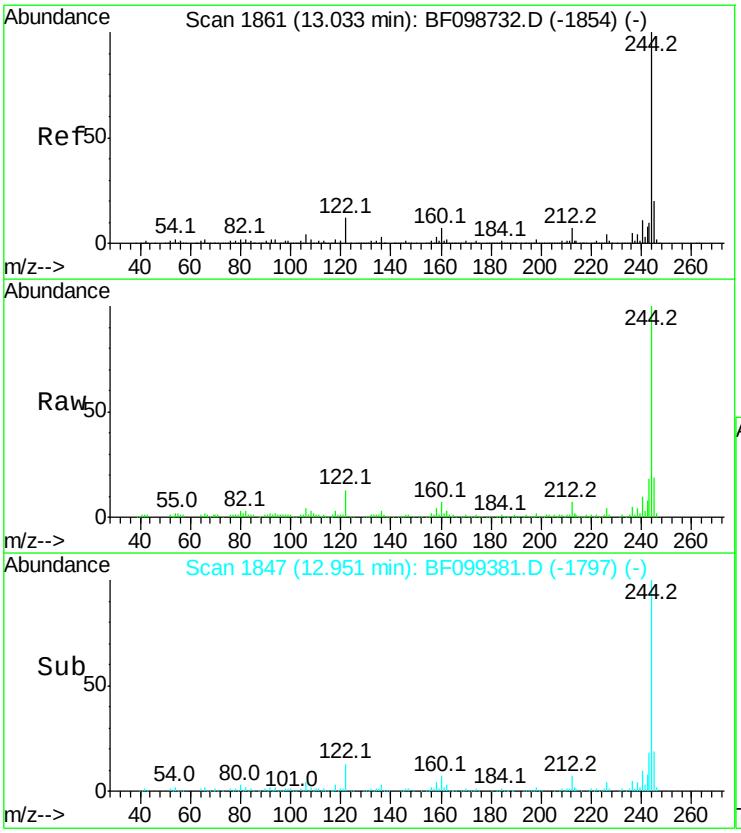
#77
Pyrene
Concen: 16.351 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 314950

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.6	14.3	21.5

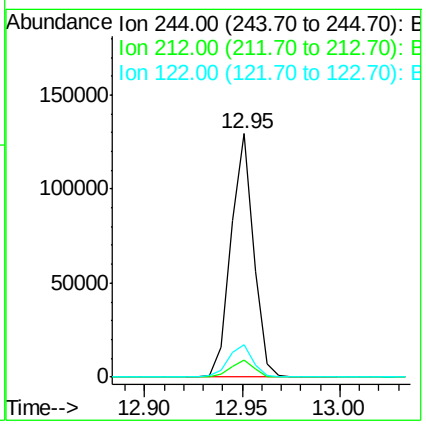


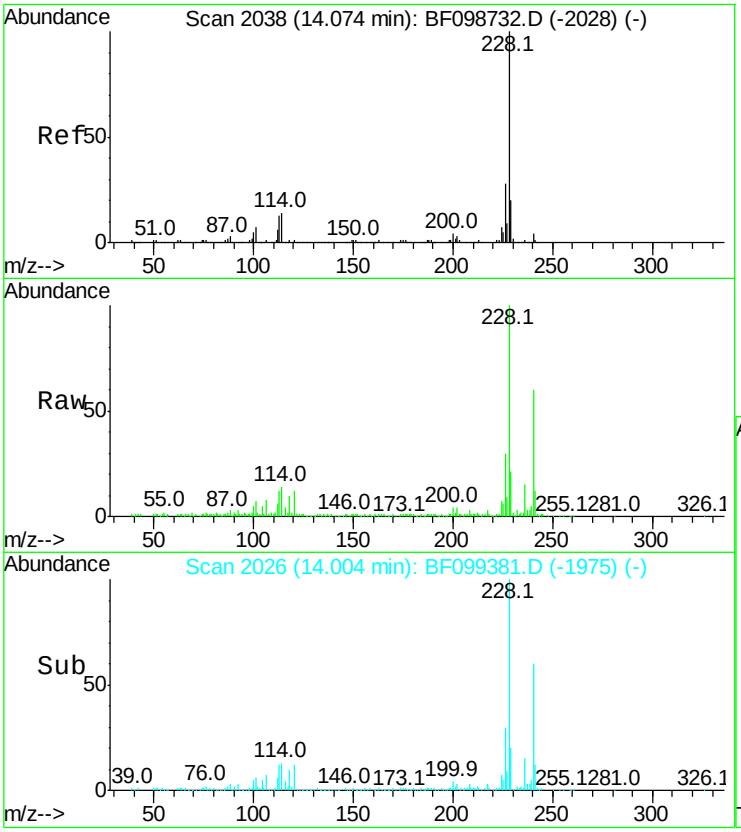


#78
Terphenyl-d14
Concen: 9.376 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion:244 Resp: 104137

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.1	11.0	16.4



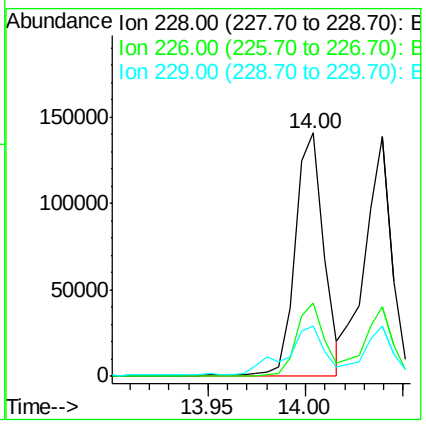


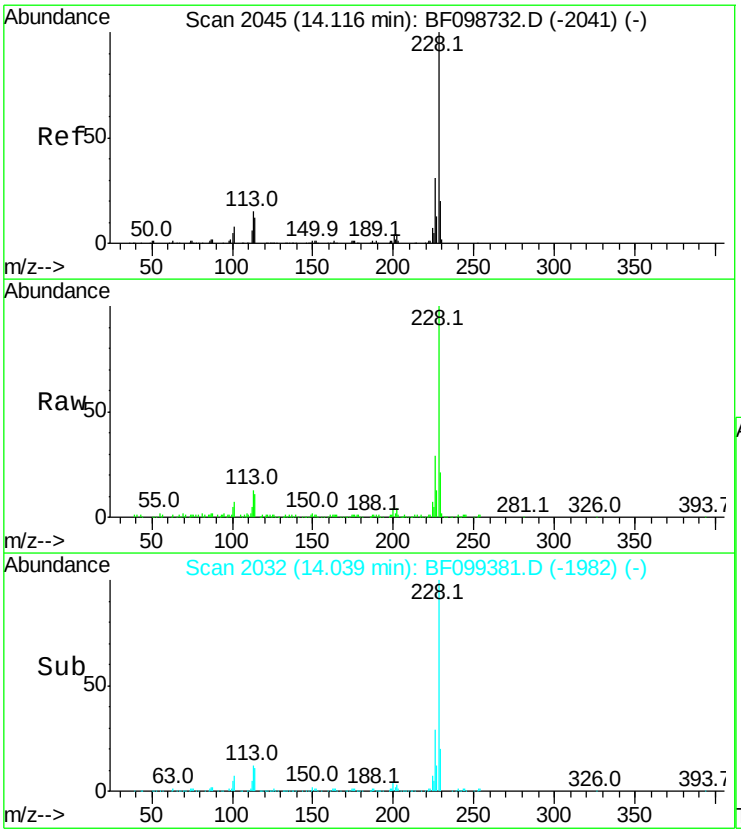
#80
Benzo(a)anthracene
Concen: 9.315 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 142479

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.7	15.8	23.6

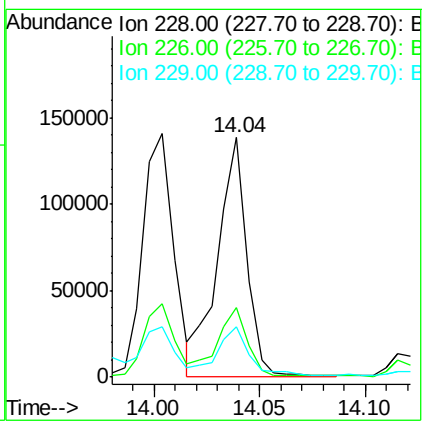


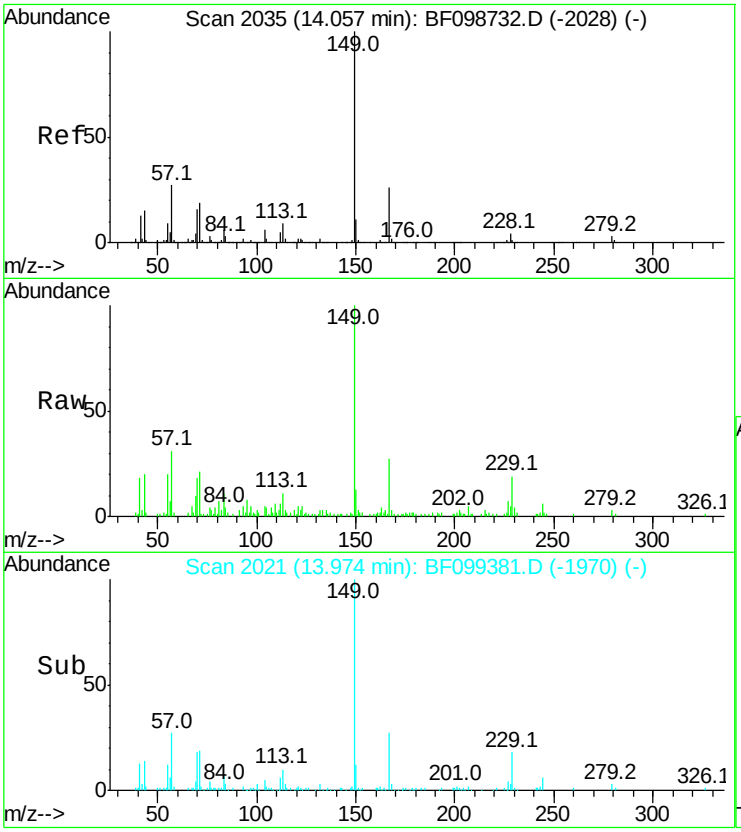


#82
Chrysene
Concen: 9.063 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion:228 Resp: 131980

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.0	37.6
229	21.2	16.2	24.4



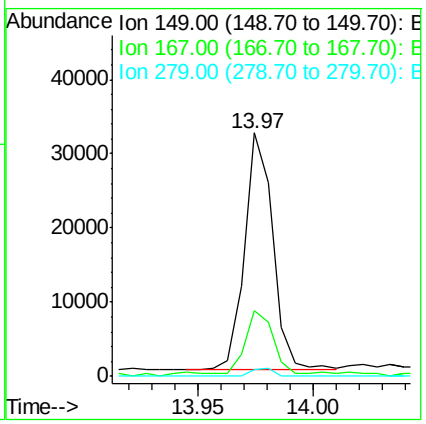


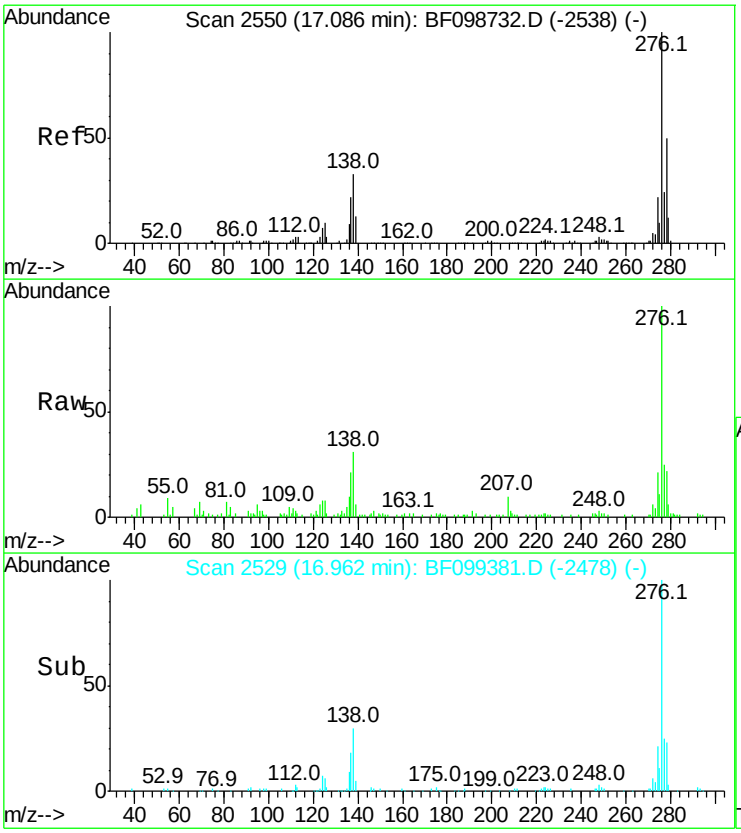
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.199 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 27415

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	2.7	3.0	4.4#

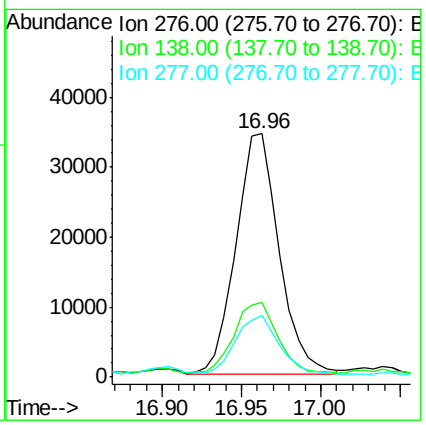


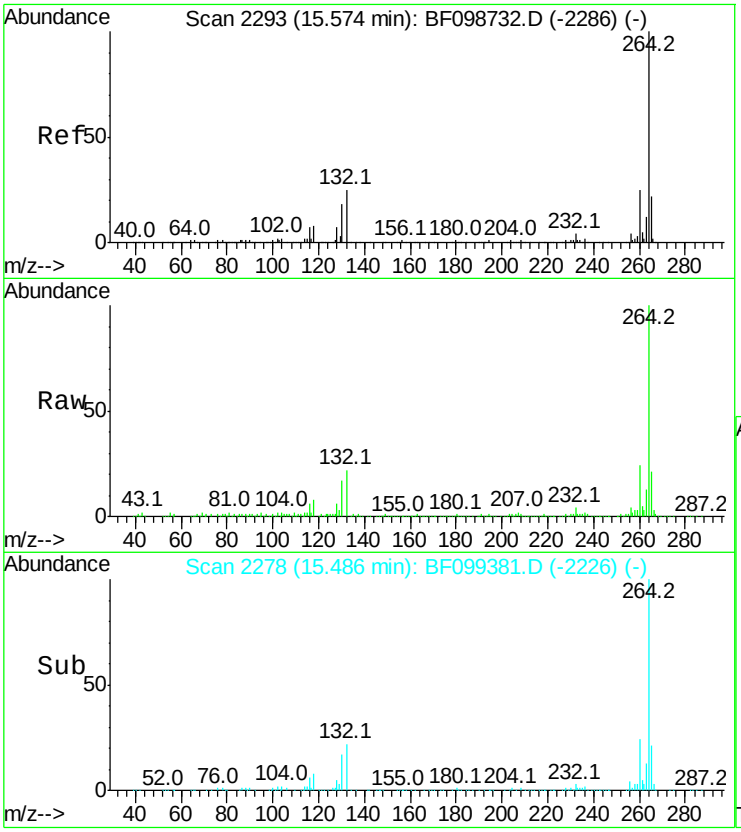


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.562 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion:276 Resp: 64789

Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.0	37.6
277	24.9	20.1	30.1



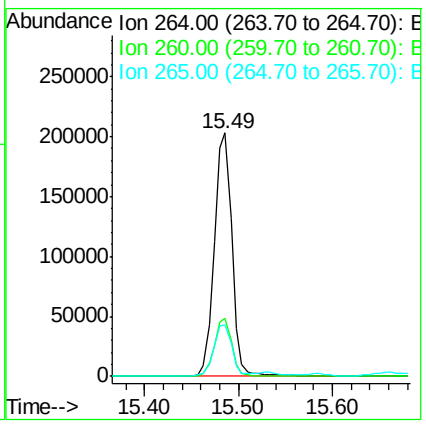


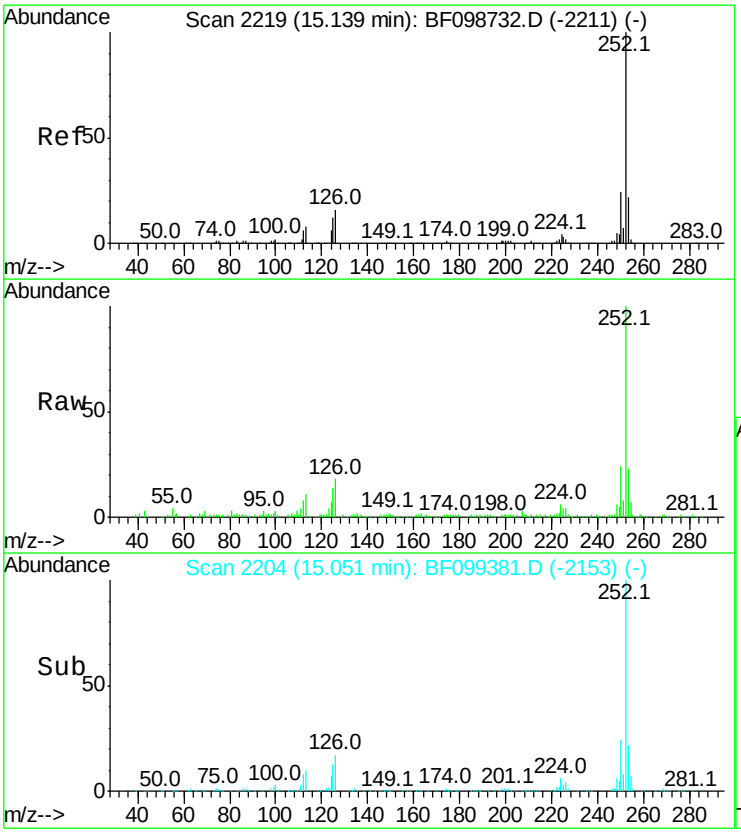
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 269297

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.5	26.3

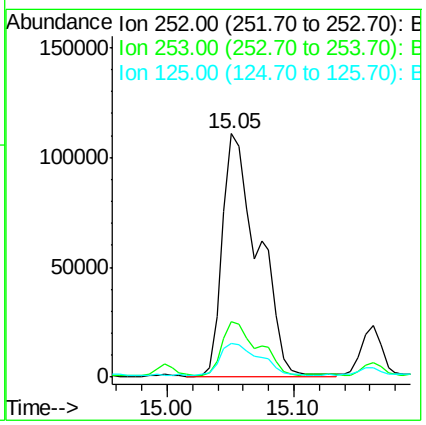


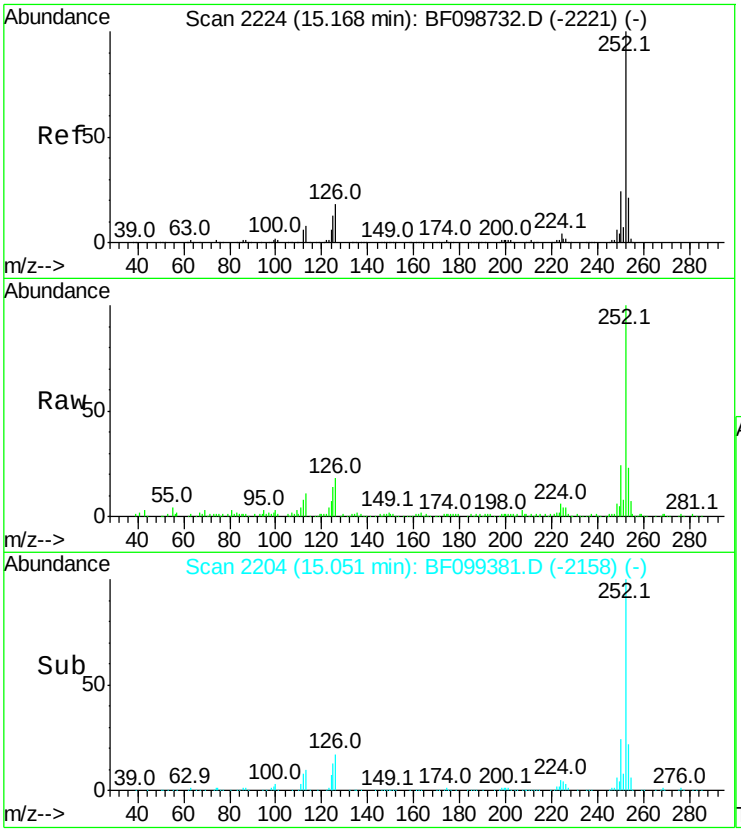


#87
Benzo(b)fluoranthene
Concen: 13.142 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion:252 Resp: 217604

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	14.1	9.0	13.6#



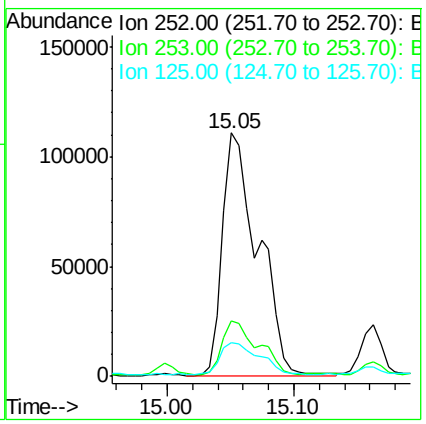


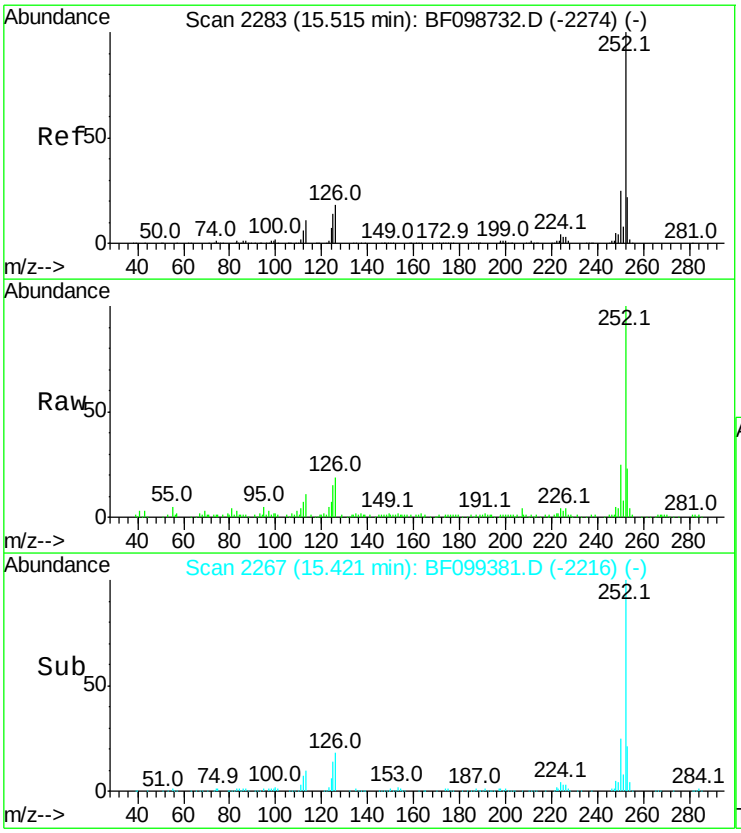
#88
Benzo(k)fluoranthene
Concen: 13.306 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 217604

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	14.1	10.2	15.2

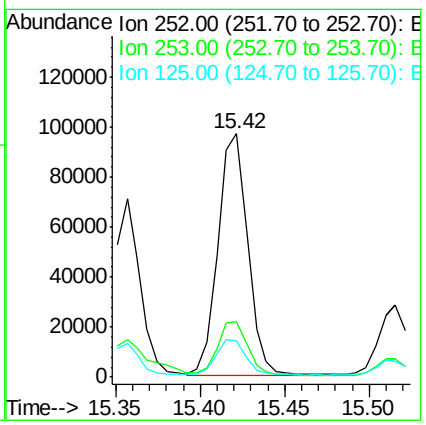


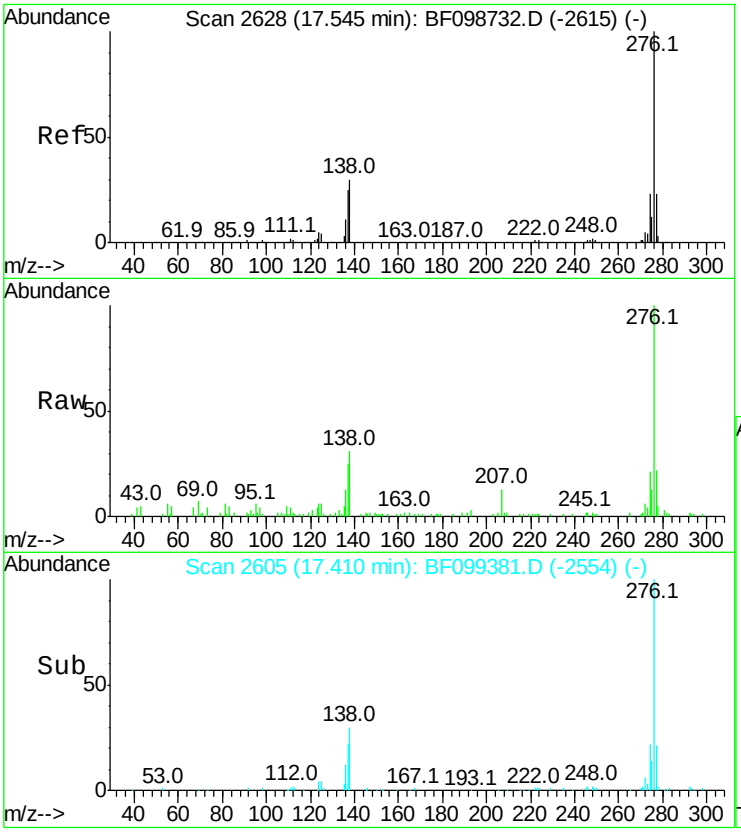


#89
Benzo(a)pyrene
Concen: 7.905 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Tgt Ion:252 Resp: 120140

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	14.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 5.232 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.00 min
Lab File: BF099381.D
Acq: 12 Oct 2017 9:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 62904

Ion	Ratio	Lower	Upper
276	100		
277	22.2	17.9	26.9
138	31.2	21.8	32.8