Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032319\
Data File : BF113256.D
Acq On : 23 Mar 2019 11:53
Operator : JU/SJ
Sample : K2004-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 23 22:56:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	182207	20.00	ng		-0.02
21) Naphthalene-d8	7.99	136	730981	20.00	ng		-0.02
39) Acenaphthene-d10	9.75	164	361940	20.00	ng		-0.02
64) Phenanthrene-d10	11.23	188	774531	20.00	ng		-0.02
76) Chrysene-d12	13.86	240	458269	20.00	ng		-0.01
87) Perylene-d12	15.27	264	463997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1325947	113.20	ng		0.00
7) Phenol-d6	6.37	99	1749389	118.89	ng		0.00
23) Nitrobenzene-d5	7.28	82	1121009	91.77	ng		-0.02
42) 2,4,6-Tribromophenol	10.54	330	582576	151.62	ng		-0.01
45) 2-Fluorobiphenyl	9.07	172	1820081	82.73	ng		-0.02
79) Terphenyl-d14	12.82	244	1945842	82.31	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.38	94	92656	5.396	ng		88
19) n-Nitroso-di-n-propylamine	7.28	70	145865	15.653	ng	#	75
25) Isophorone	7.28	82	1121002	42.595	ng	#	66
50) Dimethylphthalate	9.46	163	231040	8.657	ng		99
57) 2,4-Dinitrotoluene	9.75	165	47511	6.878	ng	#	18
65) 4,6-Dinitro-2-methylphenol	10.54	198	992	4.894	ng	#	1
67) 4-Bromophenyl-phenylether	10.54	248	33655	4.125	ng	#	1
71) Phenanthrene	11.25	178	86739	2.251	ng		99
75) Fluoranthene	12.43	202	204703	4.958	ng		96
78) Pyrene	12.66	202	291197	7.537	ng		98
81) Benzo(a)anthracene	13.85	228	261956	8.248	ng		97
83) Chrysene	13.88	228	325361	10.458	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	260727	9.830	ng	#	92
88) Benzo(b)fluoranthene	14.87	252	355147	11.833	ng		99
89) Benzo(k)fluoranthene	14.87	252	355147	13.064	ng		99
90) Benzo(a)pyrene	15.21	252	270812	10.201	ng		97
91) Dibenzo(a,h)anthracene	16.64	278	126311	5.576	ng	#	94
92) Benzo(g,h,i)perylene	17.04	276	344744	15.156	ng		96

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

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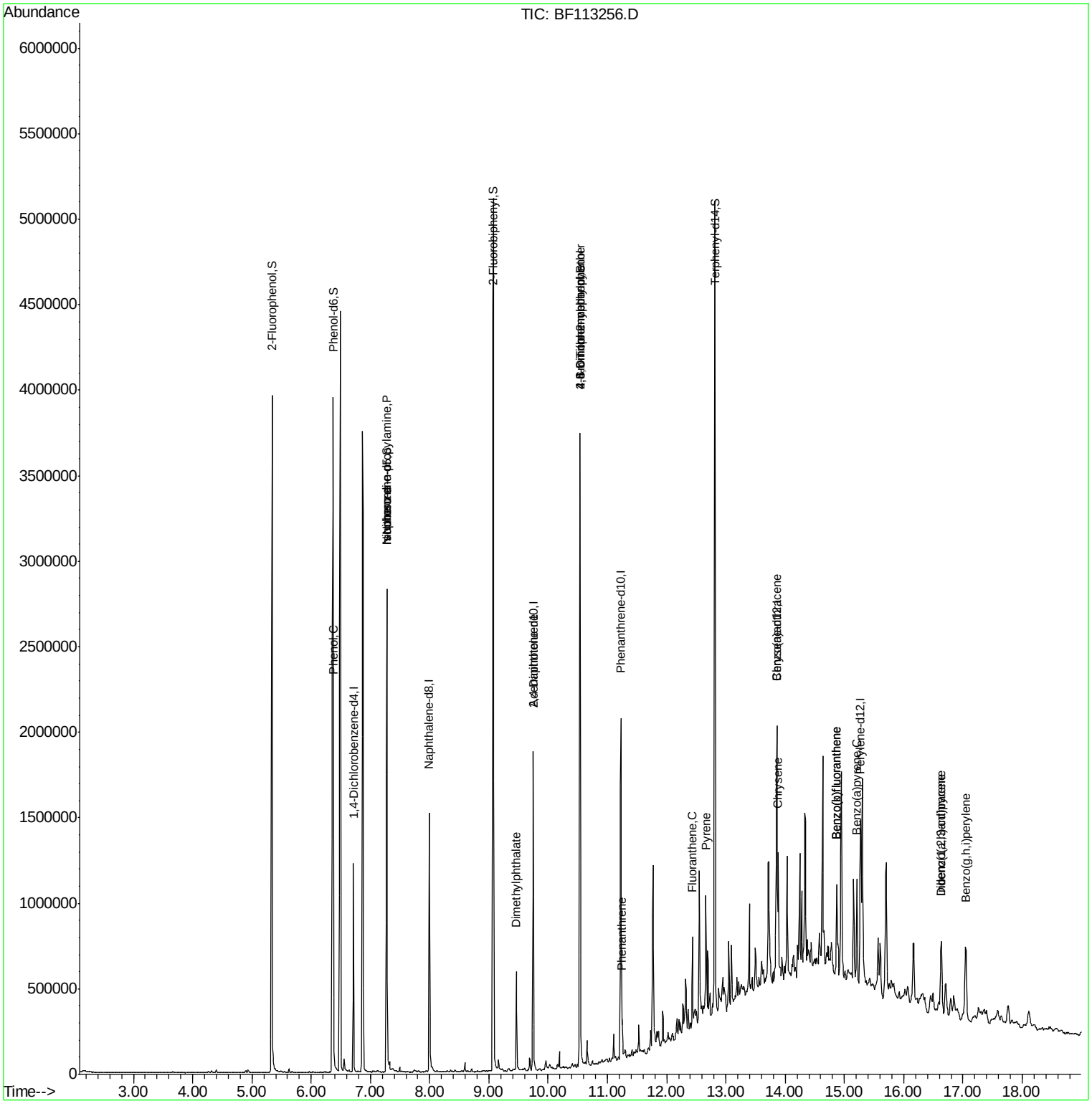
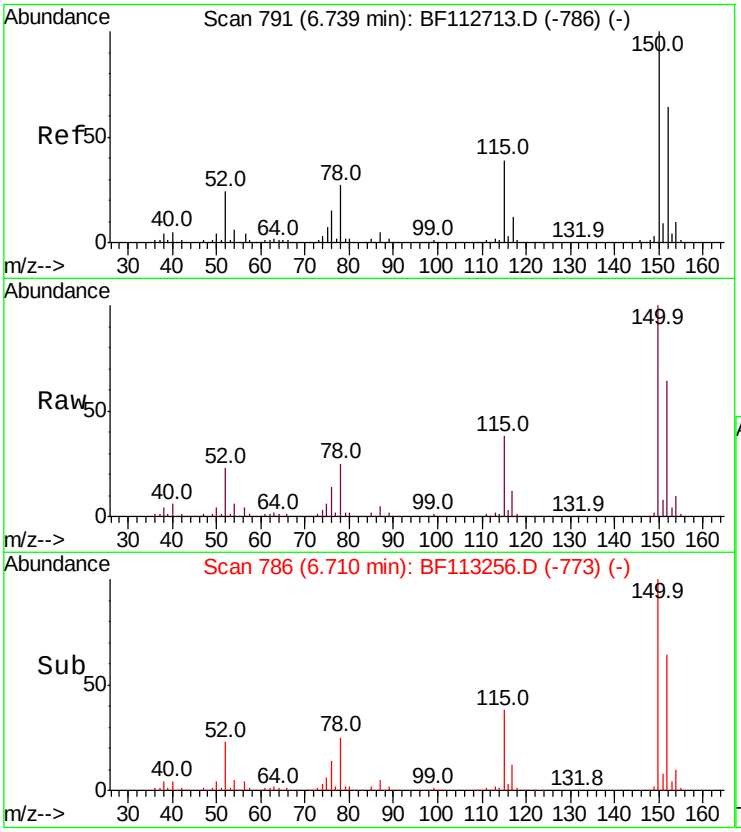


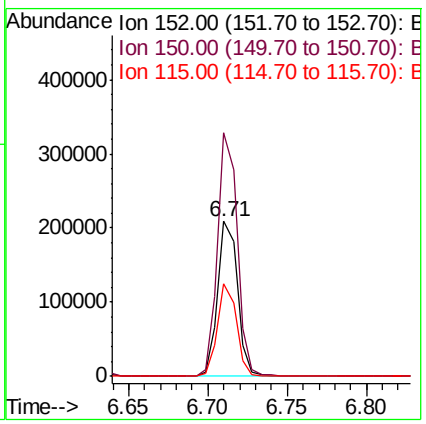


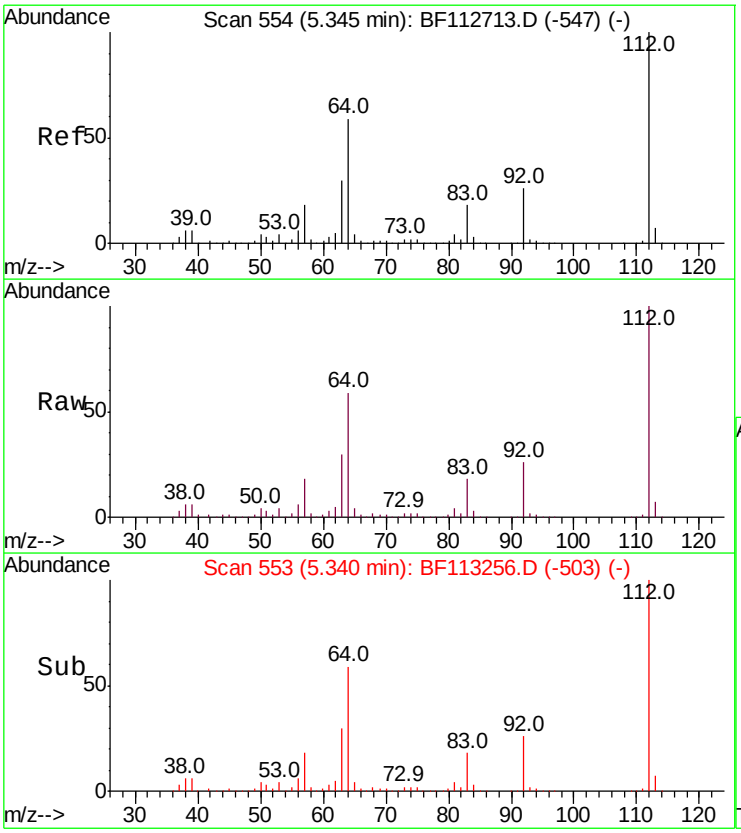
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 182207

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.2	186.2
115	59.9	48.2	72.4

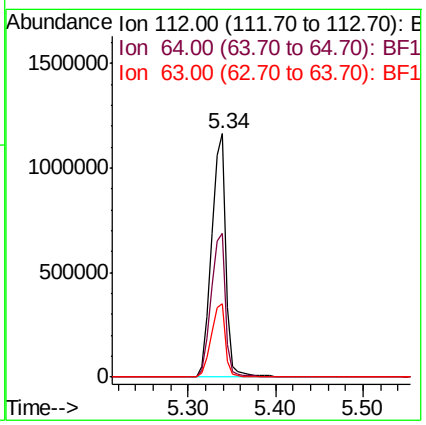


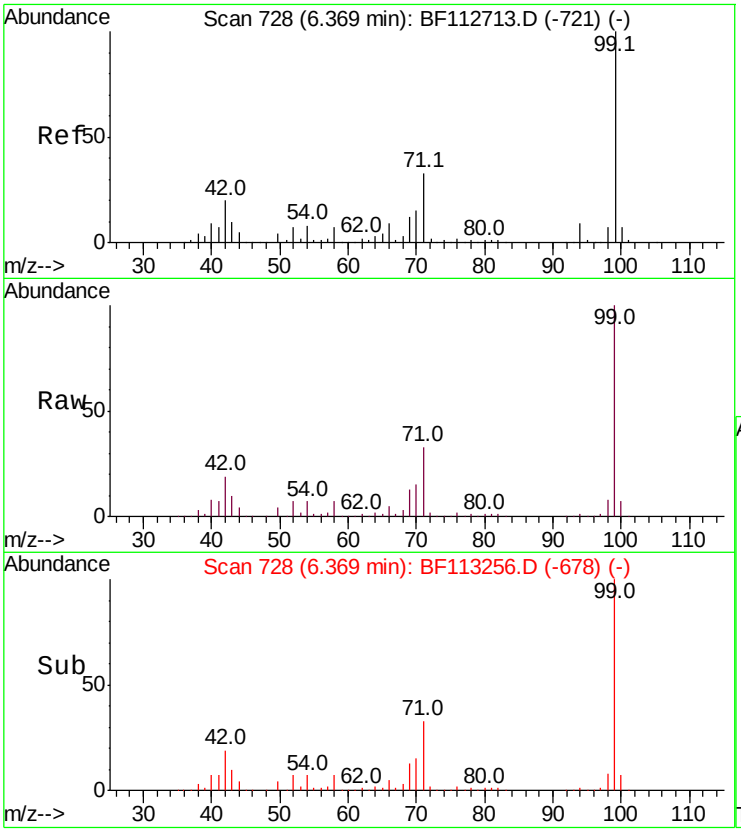


#5
2-Fluorophenol
Concen: 113.199 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:112 Resp: 1325947

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.6	71.4
63	29.9	24.4	36.6



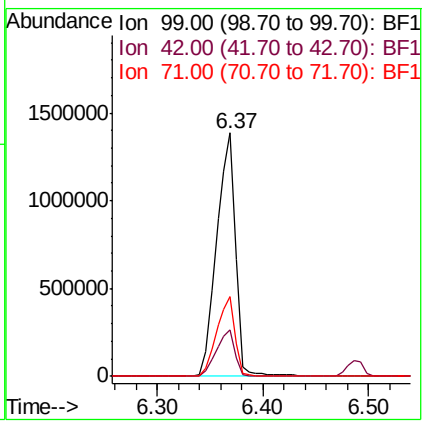


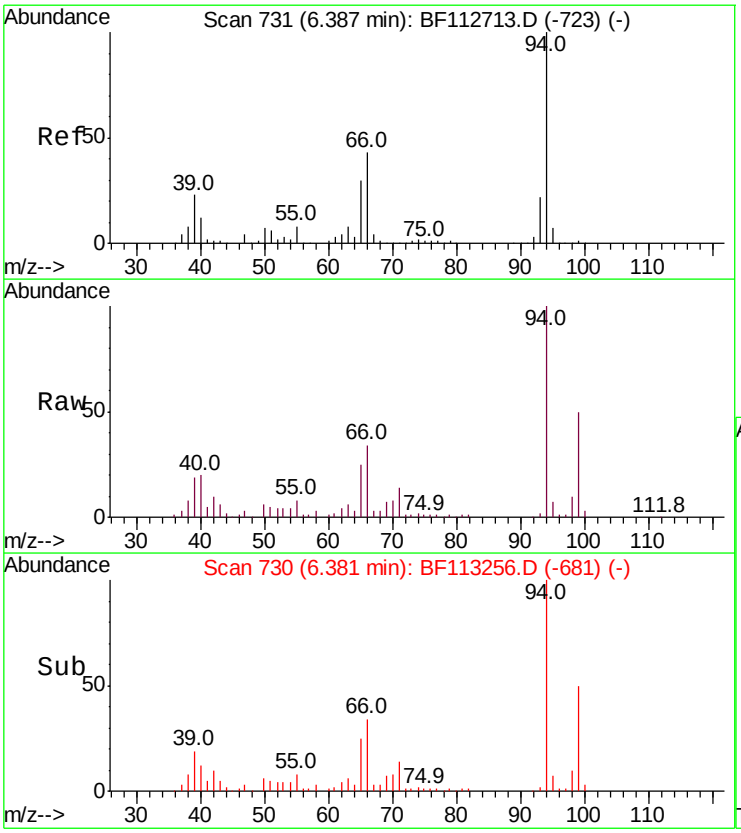
#7
Phenol-d6
Concen: 118.893 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1749389

Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.3	24.5
71	32.8	26.2	39.4

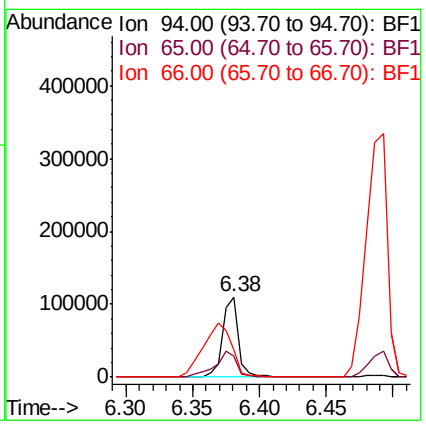


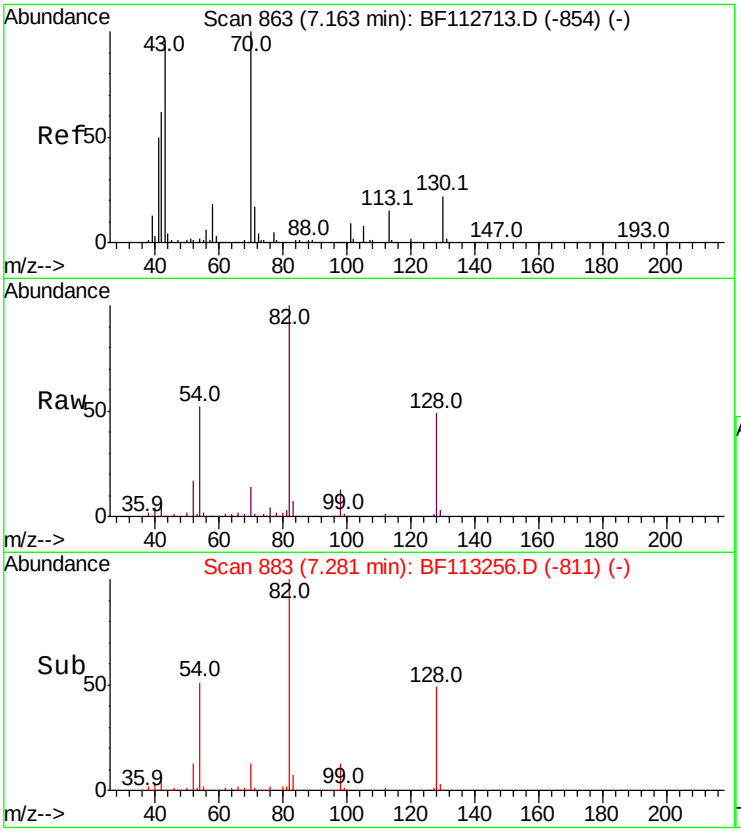


#10
Phenol
Concen: 5.396 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion: 94 Resp: 92656

Ion	Ratio	Lower	Upper
94	100		
65	25.2	10.5	50.5
66	33.7	22.6	62.6



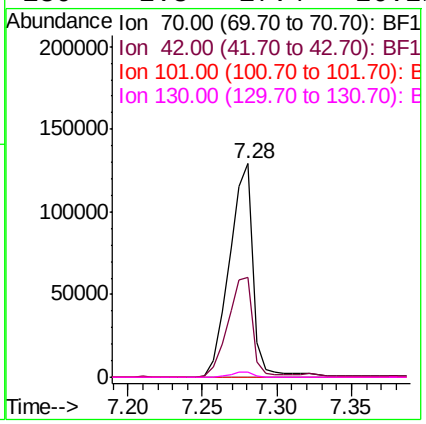


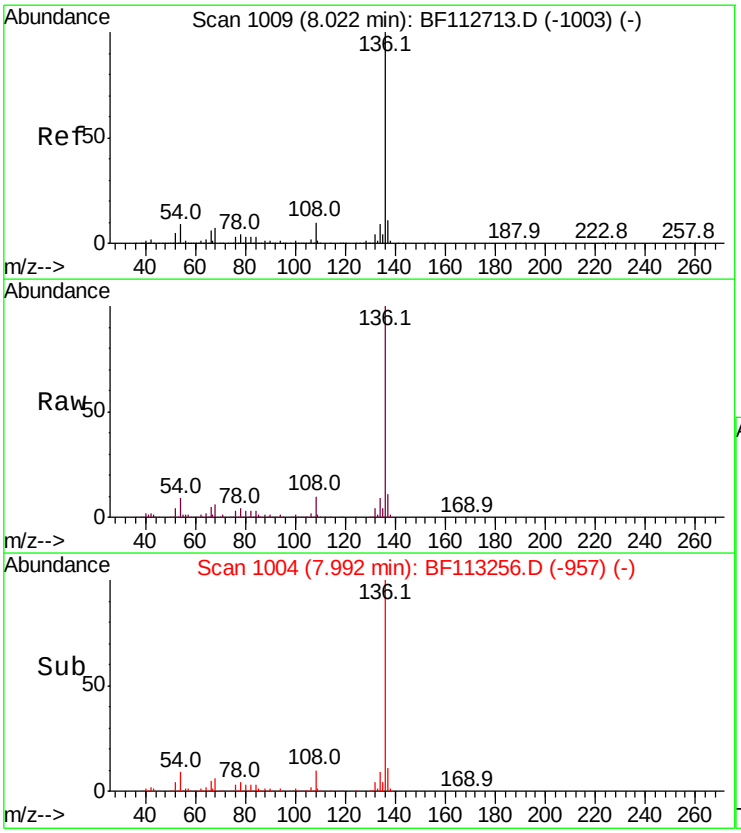
#19
n-Nitroso-di-n-propylamine
Concen: 15.653 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.12 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 145865

Ion	Ratio	Lower	Upper
70	100		
42	47.0	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#

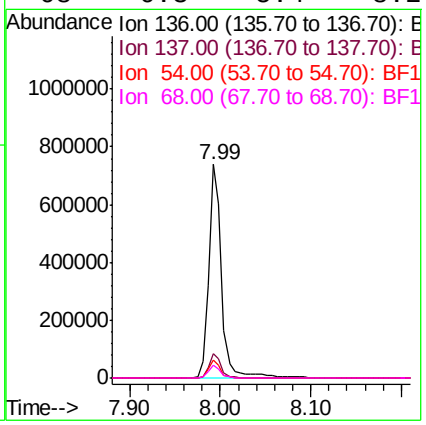


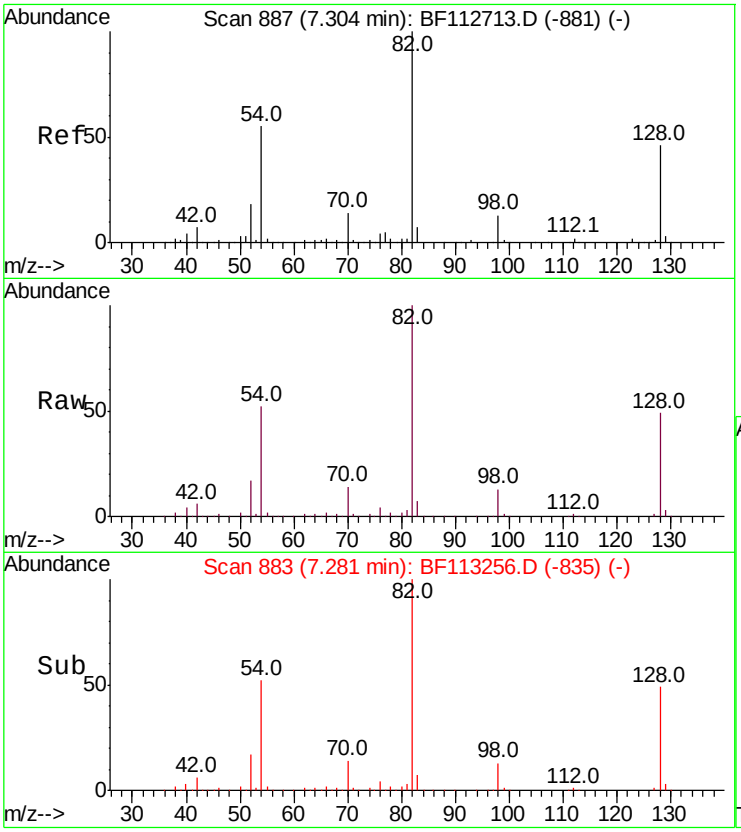


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:136 Resp: 730981

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	7.3	10.9
68	6.3	5.4	8.2



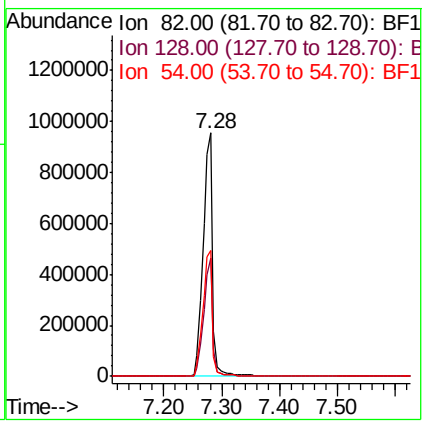


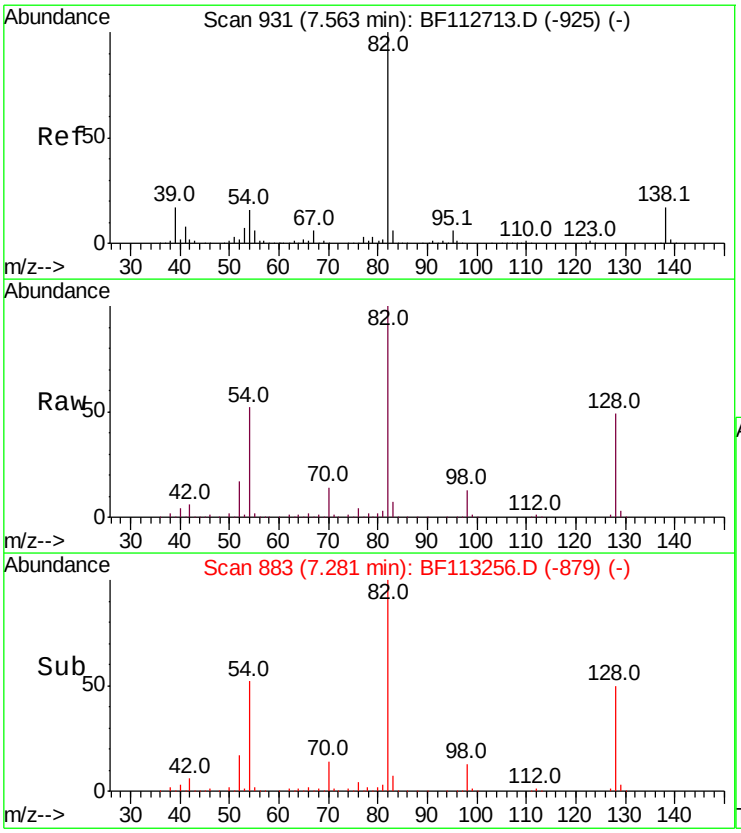
#23
Nitrobenzene-d5
Concen: 91.766 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1121009

Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.3	54.5
54	51.9	43.7	65.5

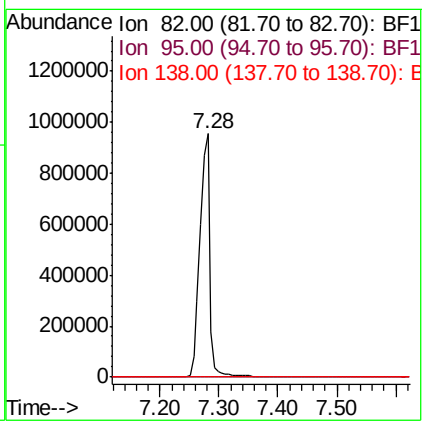


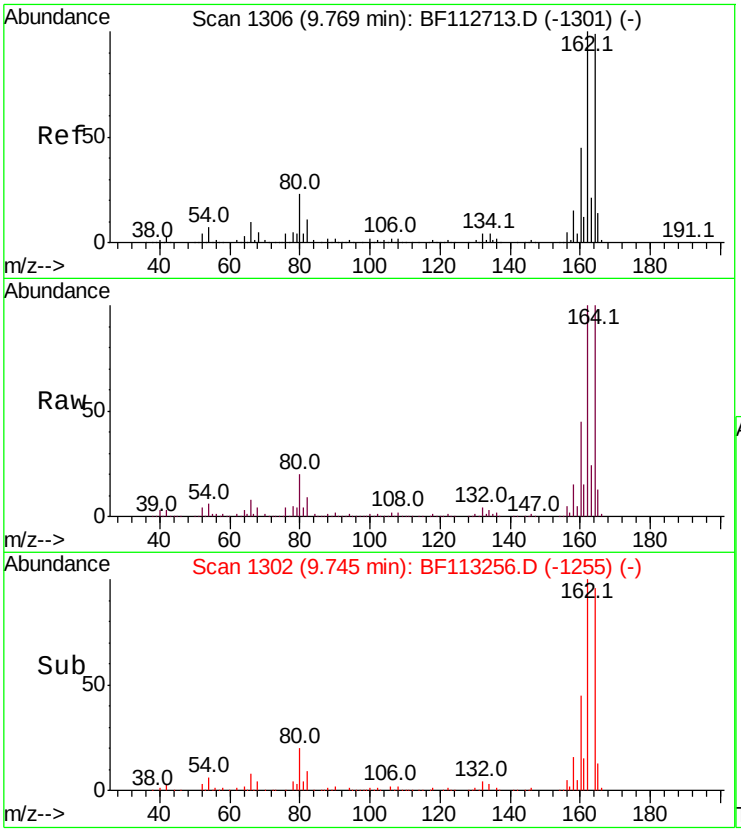


#25
Isophorone
Concen: 42.595 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion: 82 Resp: 1121002

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#



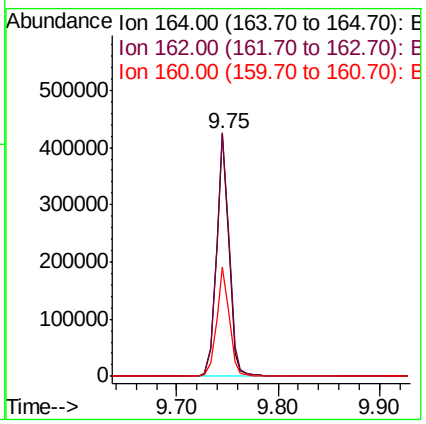


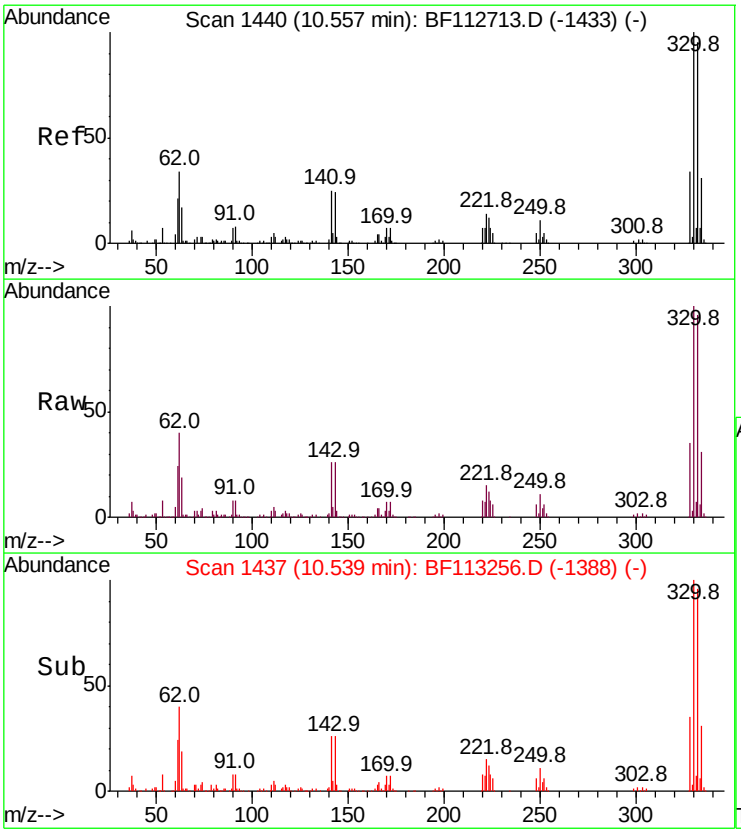
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 361940

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.6	120.8
160	45.2	36.0	54.0

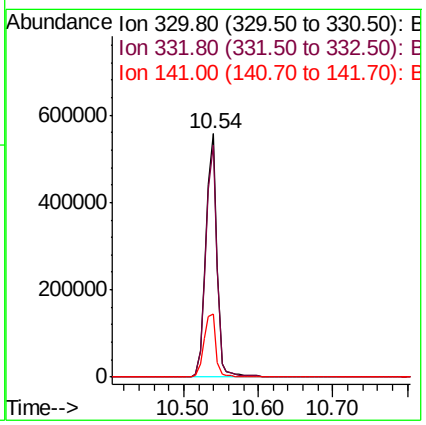


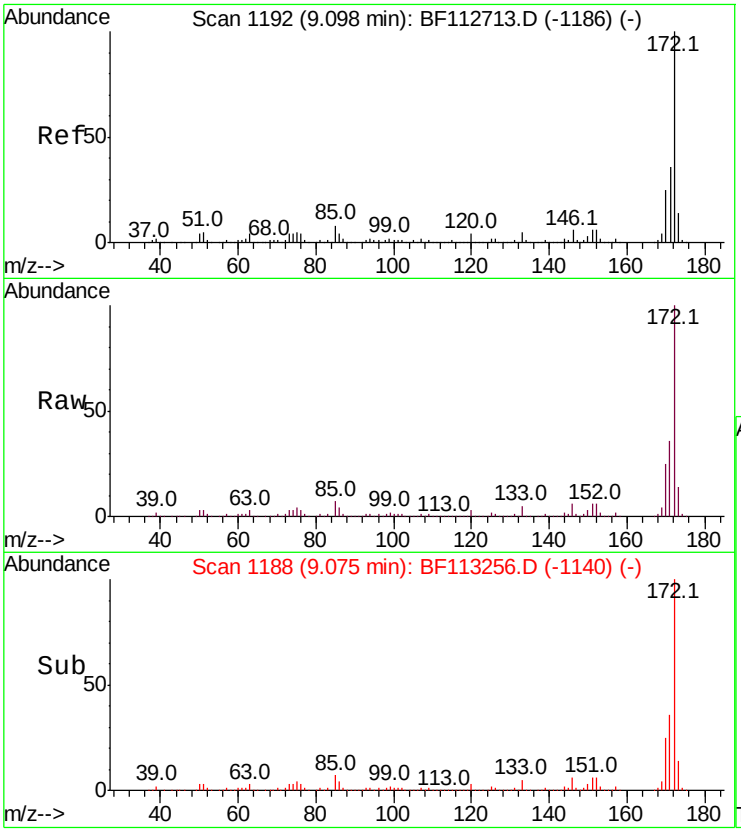


#42
2,4,6-Tribromophenol
Concen: 151.616 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:330 Resp: 582576

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.4
141	27.8	27.0	40.6

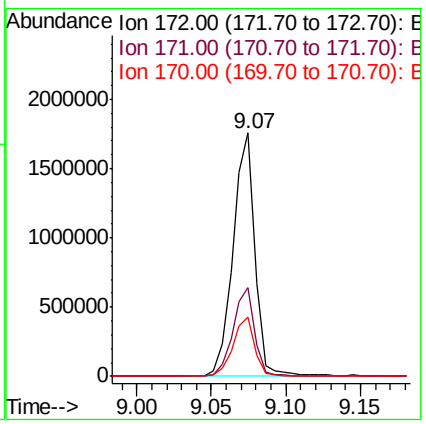




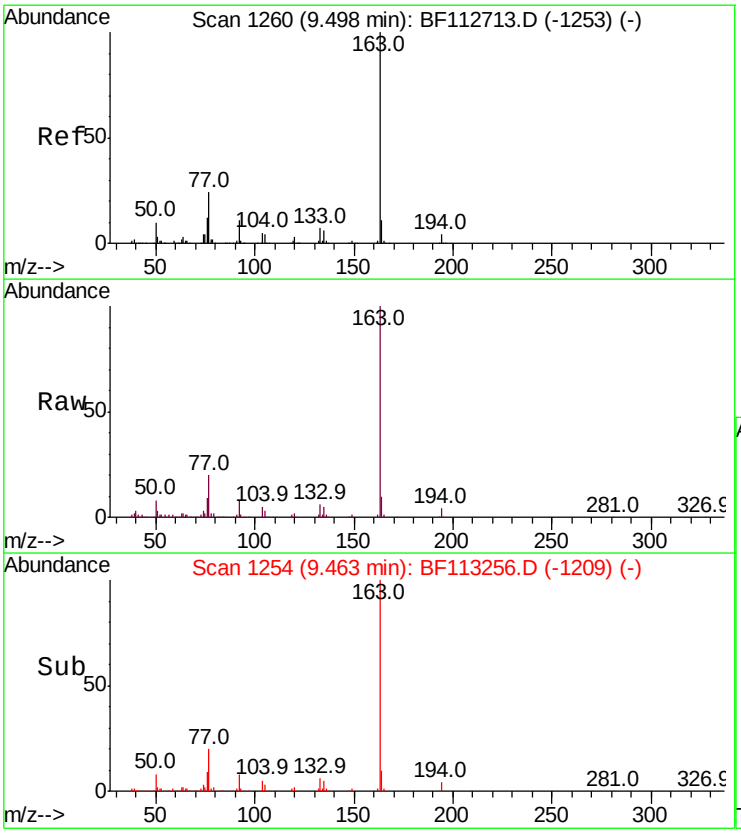
#45
2-Fluorobiphenyl
Concen: 82.730 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:172 Resp: 1820081

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.6	20.0	30.0



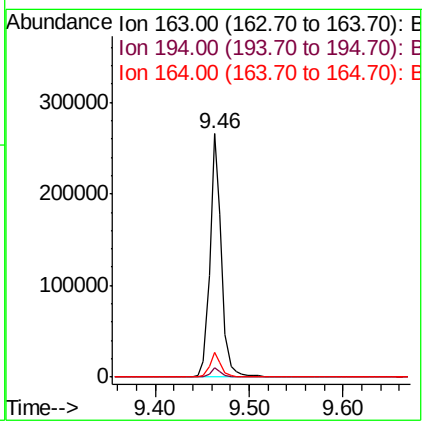
Instrument :
BNA_F
ClientSampleId :

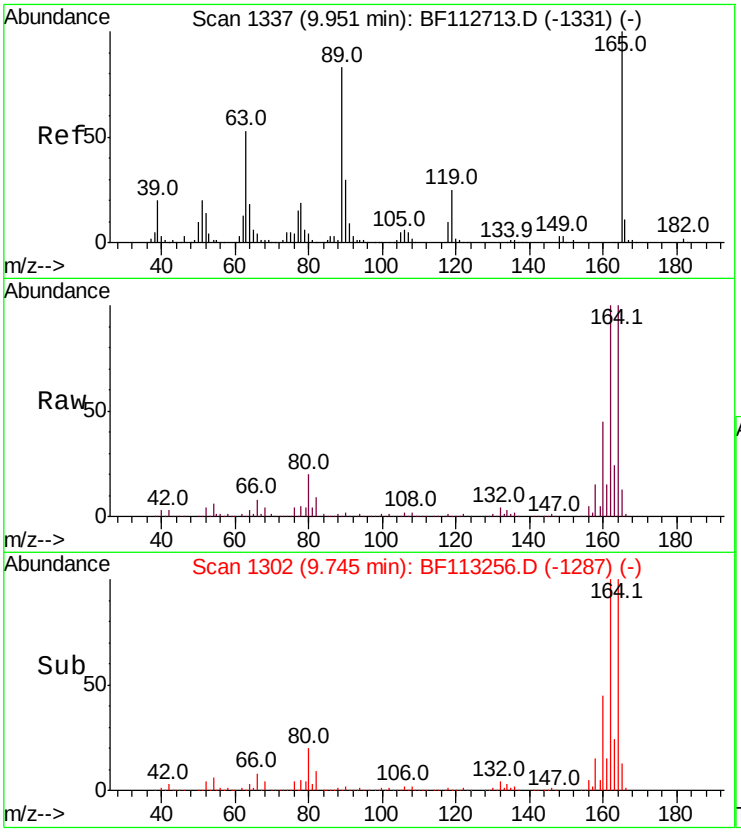


#50
Dimethylphthalate
Concen: 8.657 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:163 Resp: 231040

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.1	8.4	12.6



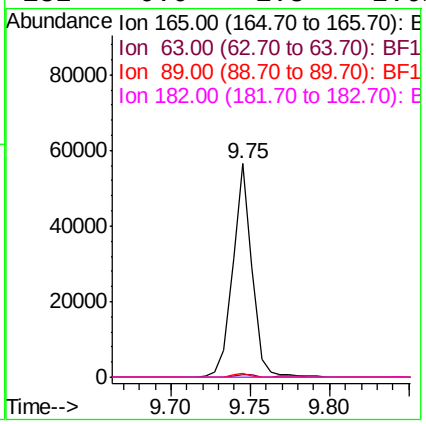


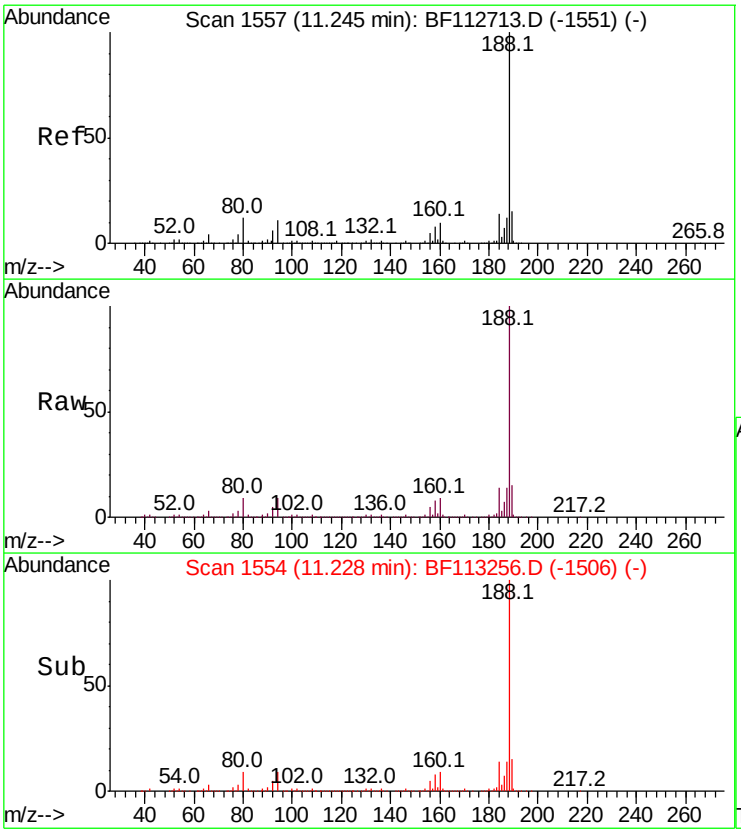
#57
2,4-Dinitrotoluene
Concen: 6.878 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 47511

Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.2	63.2#
89	1.6	66.2	99.4#
182	0.0	1.8	2.6#

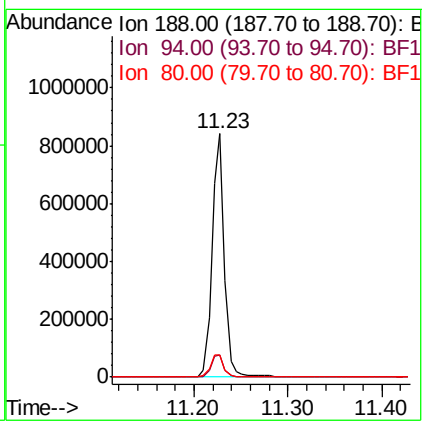


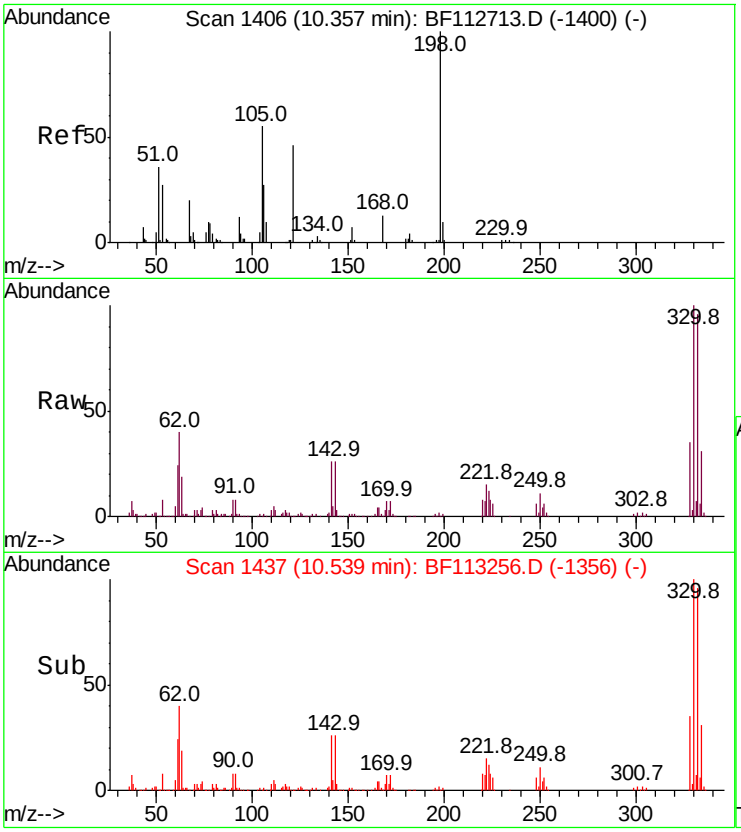


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:188 Resp: 774531

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.3	9.2	13.8



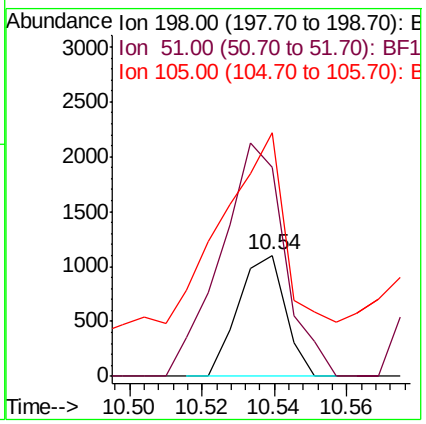


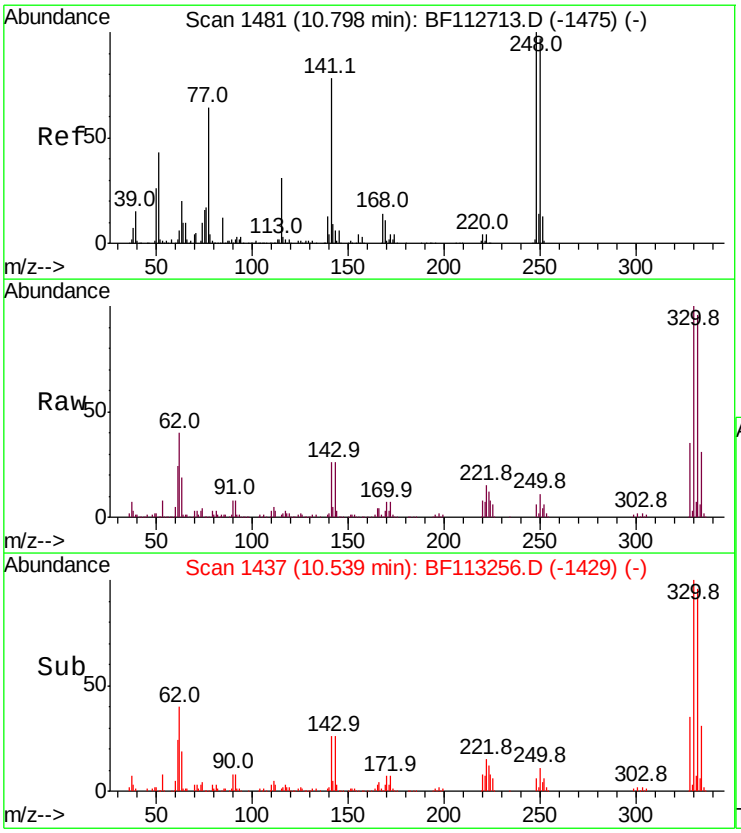
#65
4,6-Dinitro-2-methylphenol
Concen: 4.894 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 992

Ion	Ratio	Lower	Upper
198	100		
51	173.3	43.8	83.8#
105	201.7	36.5	76.5#

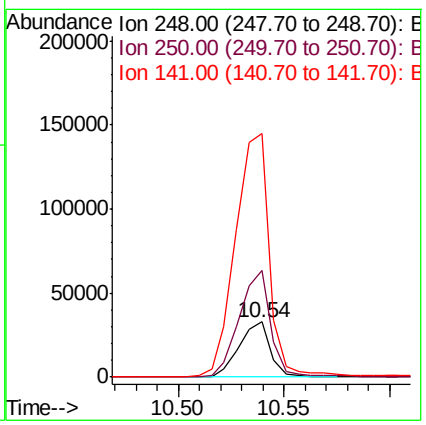


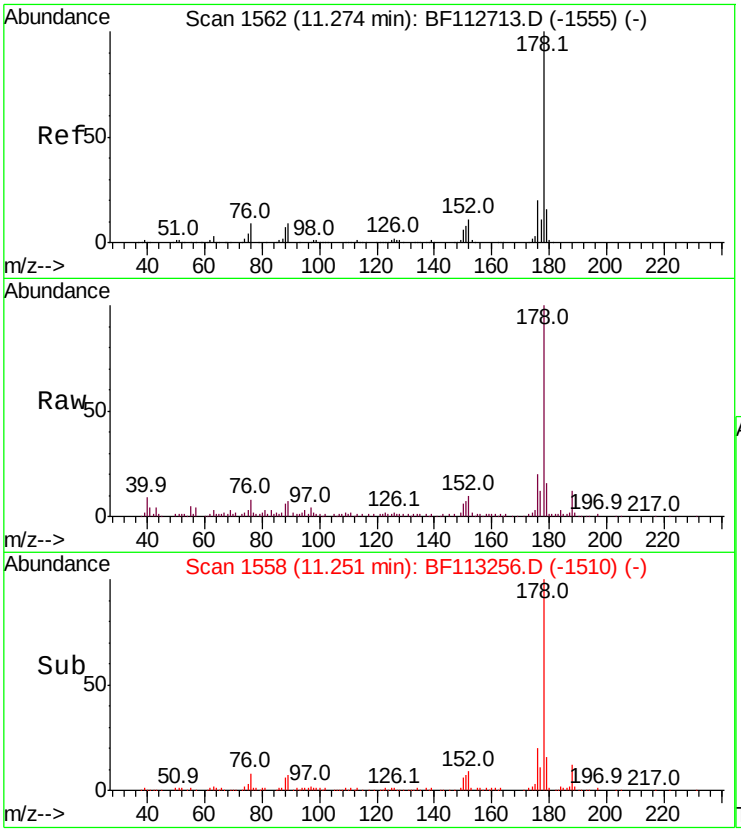


#67
4-Bromophenyl-phenylether
Concen: 4.125 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:248 Resp: 33655

Ion	Ratio	Lower	Upper
248	100		
250	192.7	77.5	116.3#
141	440.1	62.4	93.6#



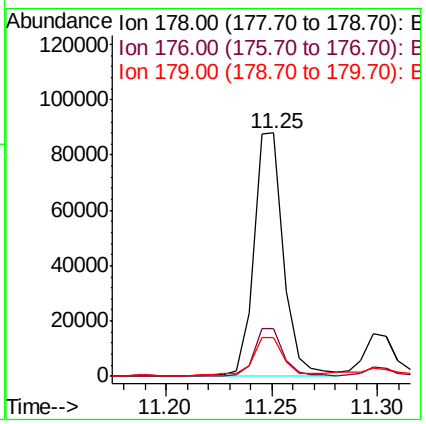


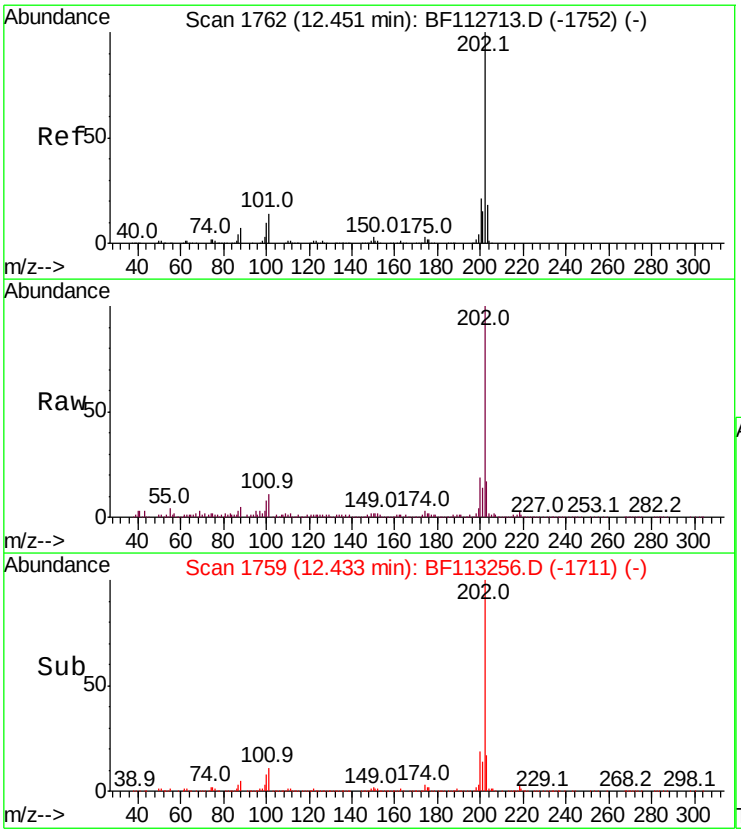
#71
Phenanthrene
Concen: 2.251 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 86739

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	15.9	12.7	19.1

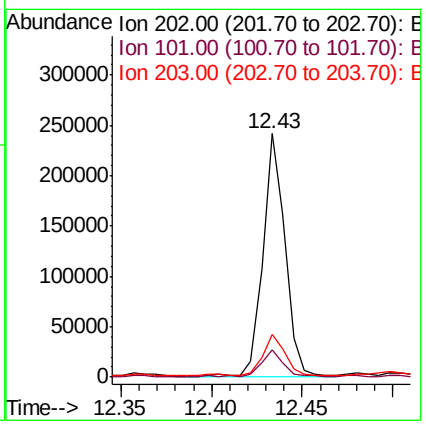


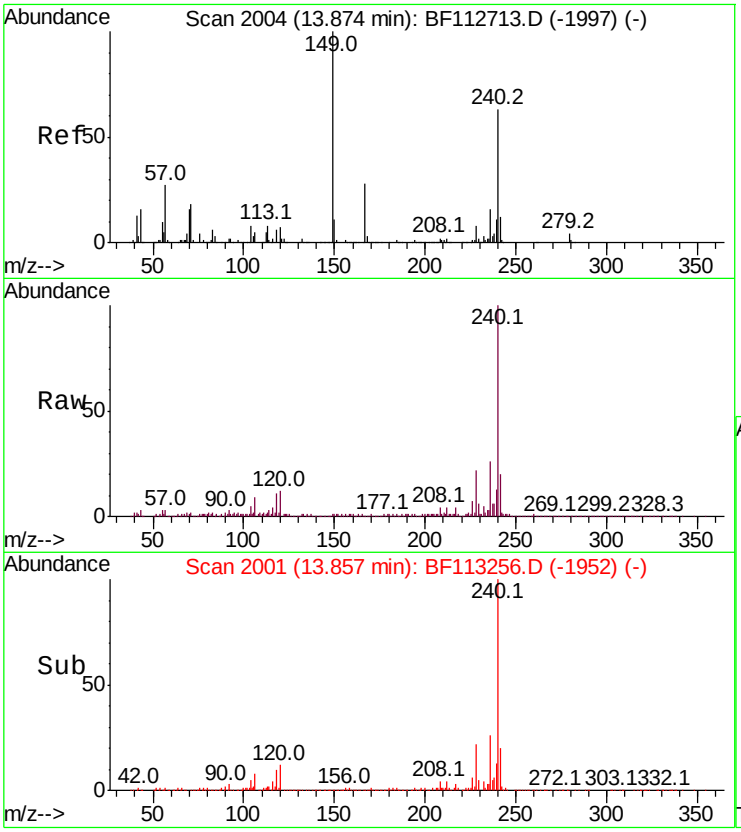


#75
Fluoranthene
Concen: 4.958 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:202 Resp: 204703

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.8
203	17.4	0.0	38.4



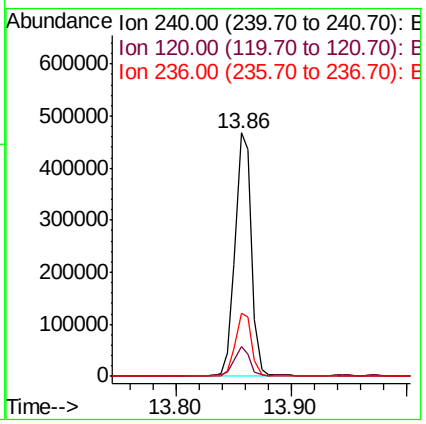


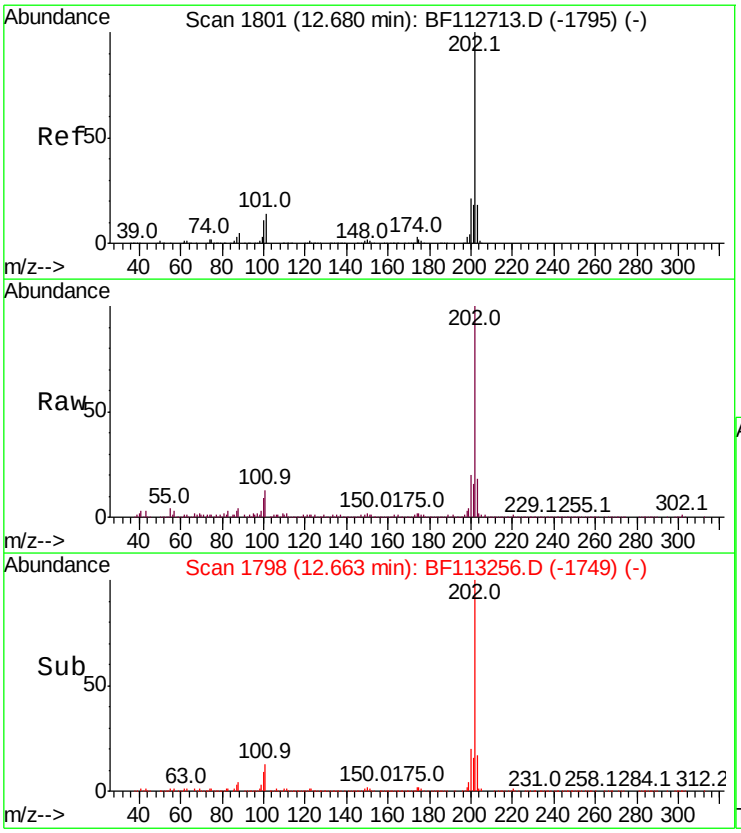
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 458269

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.9	13.3
236	26.1	20.7	31.1

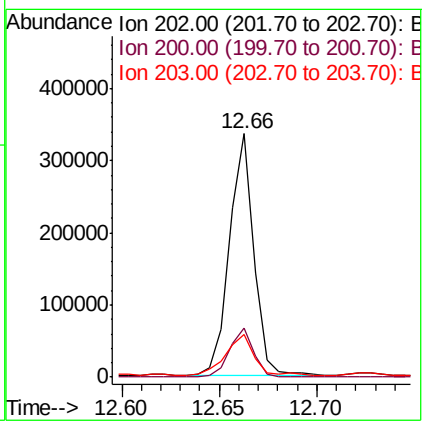


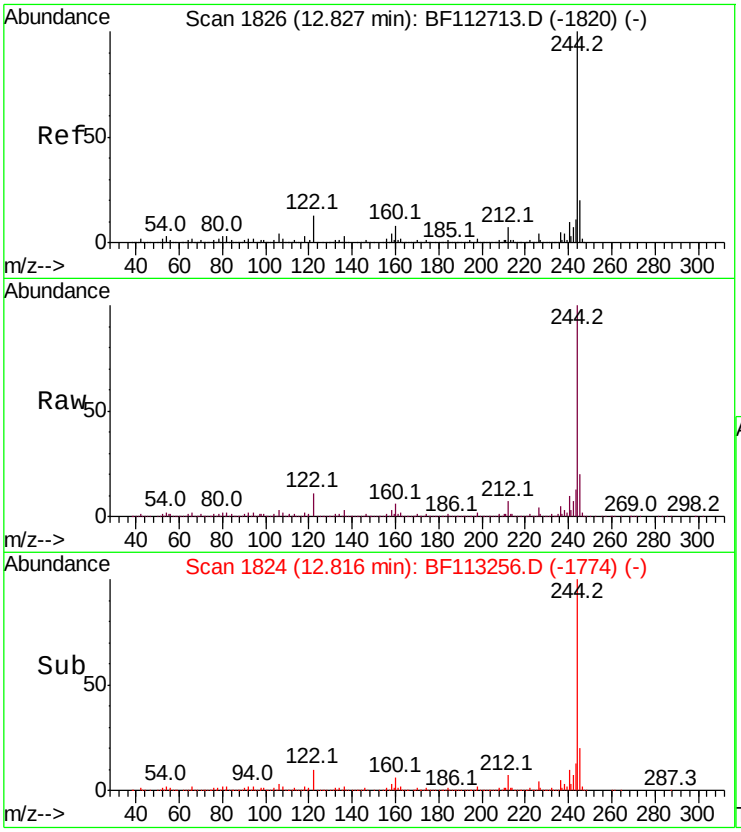


#78
Pyrene
Concen: 7.537 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:202 Resp: 291197

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.4
203	17.7	14.4	21.6



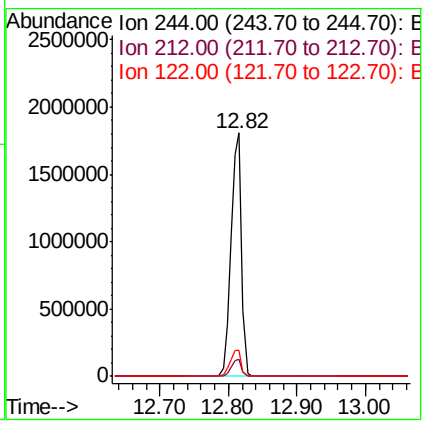


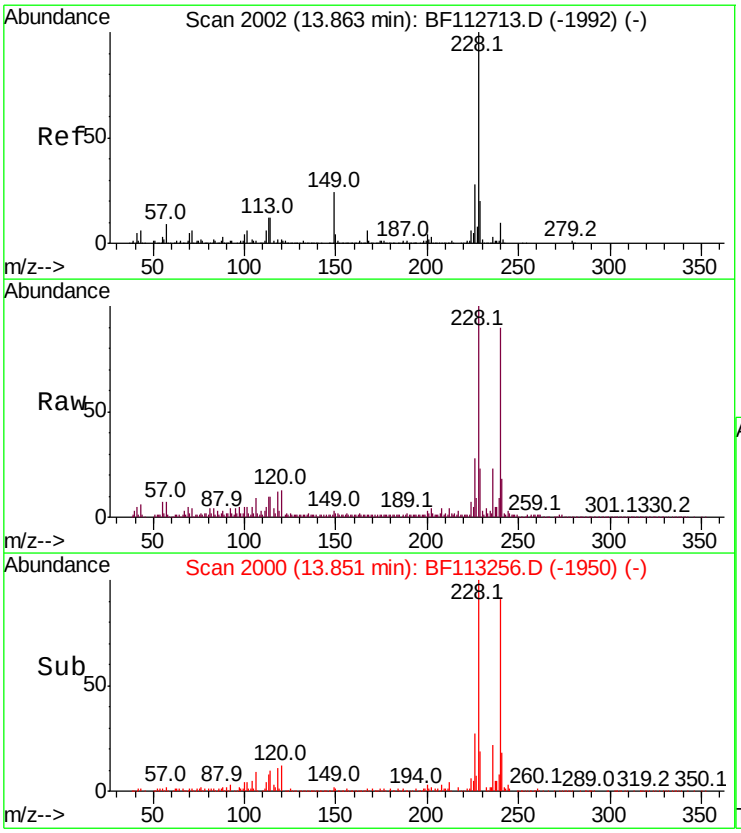
#79
Terphenyl-d14
Concen: 82.310 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1945842

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.5	10.5	15.7

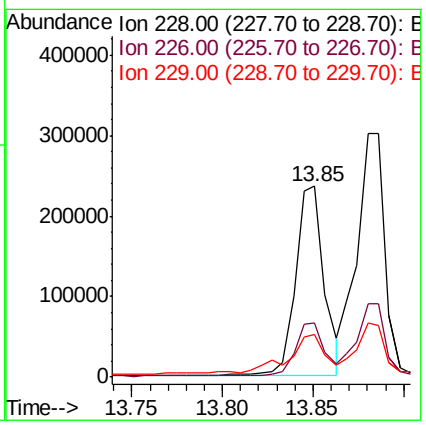


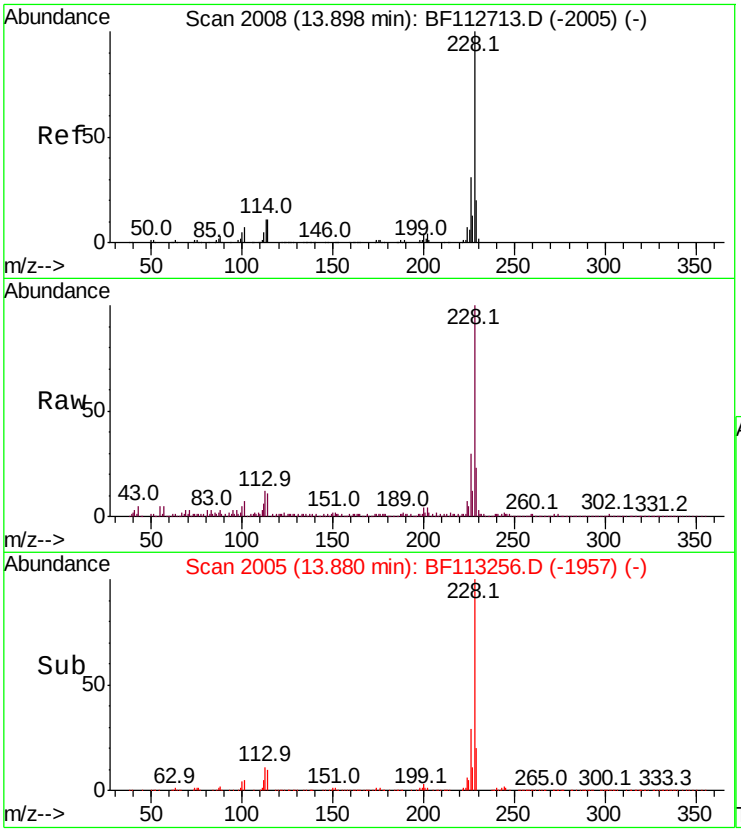


#81
Benzo(a)anthracene
Concen: 8.248 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:228 Resp: 261956

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.2	33.4
229	22.5	16.0	24.0



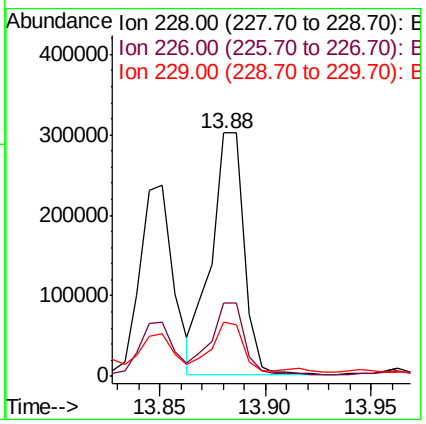


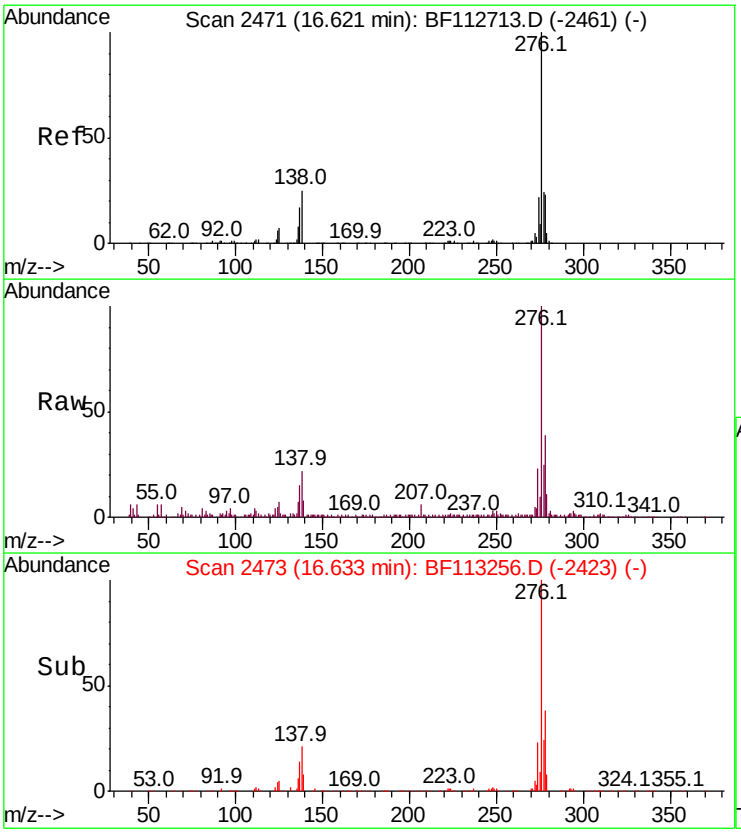
#83
Chrysene
Concen: 10.458 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 325361

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	22.5	16.3	24.5

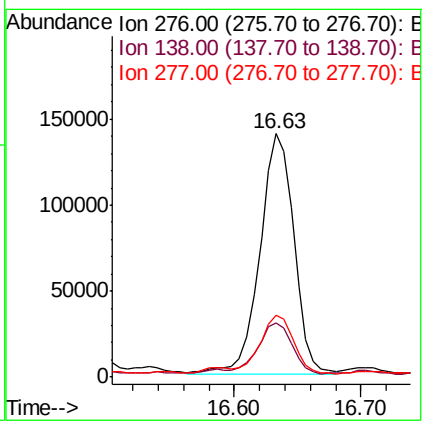


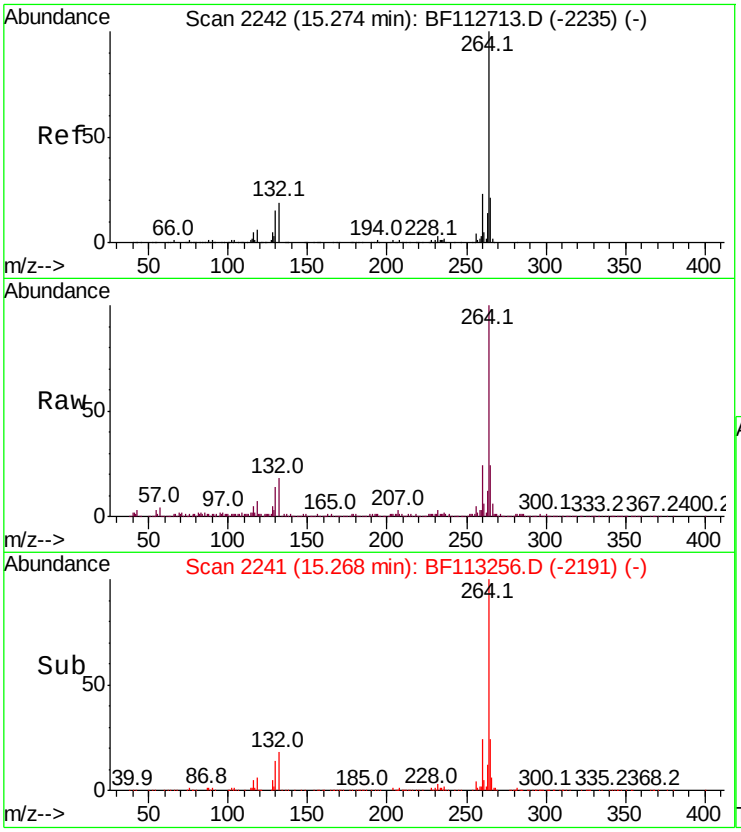


#86
Indeno(1,2,3-cd)pyrene
Concen: 9.830 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:276 Resp: 260727

Ion	Ratio	Lower	Upper
276	100		
138	22.1	23.2	34.8#
277	23.8	19.9	29.9



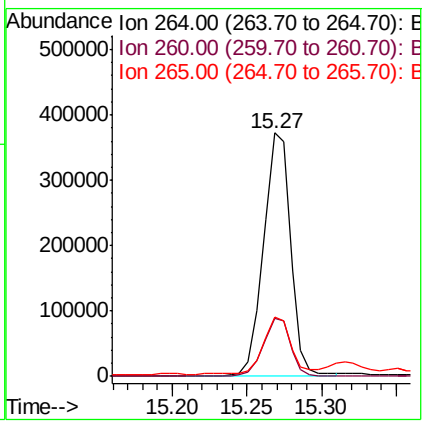


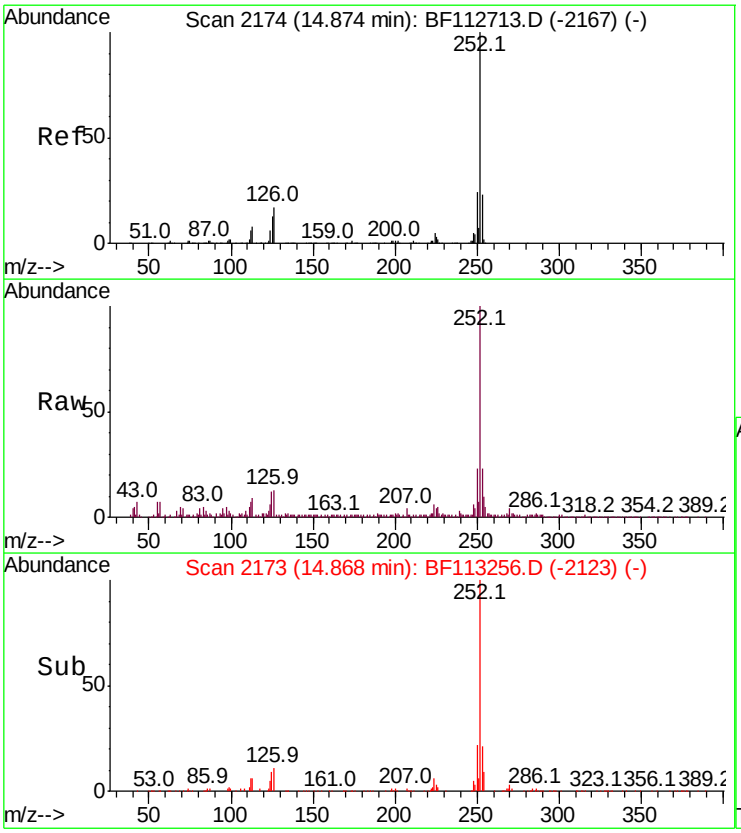
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 463997

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	24.2	17.2	25.8

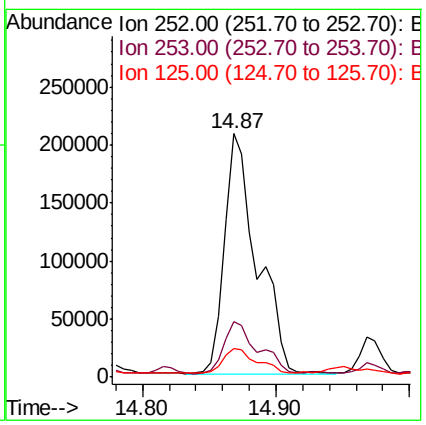


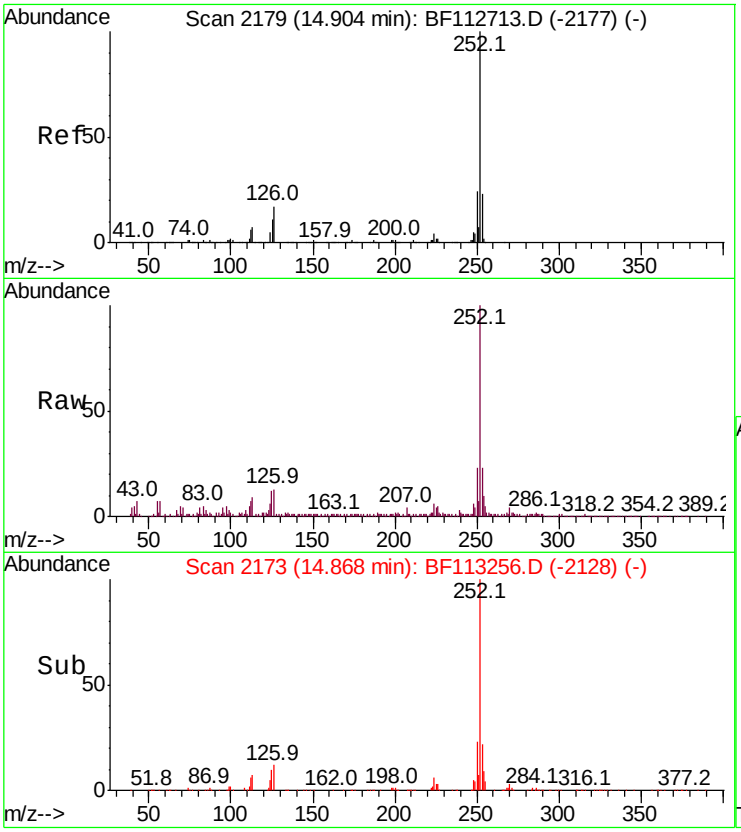


#88
Benzo(b)fluoranthene
Concen: 11.833 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:252 Resp: 355147

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.7	10.2	15.2



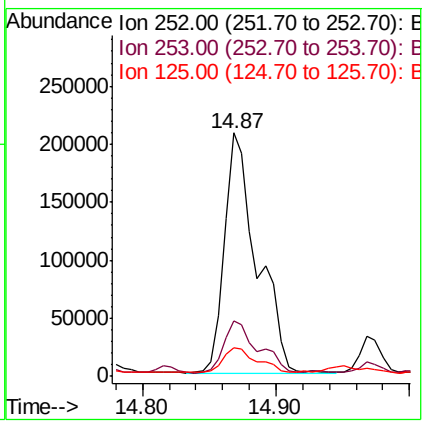


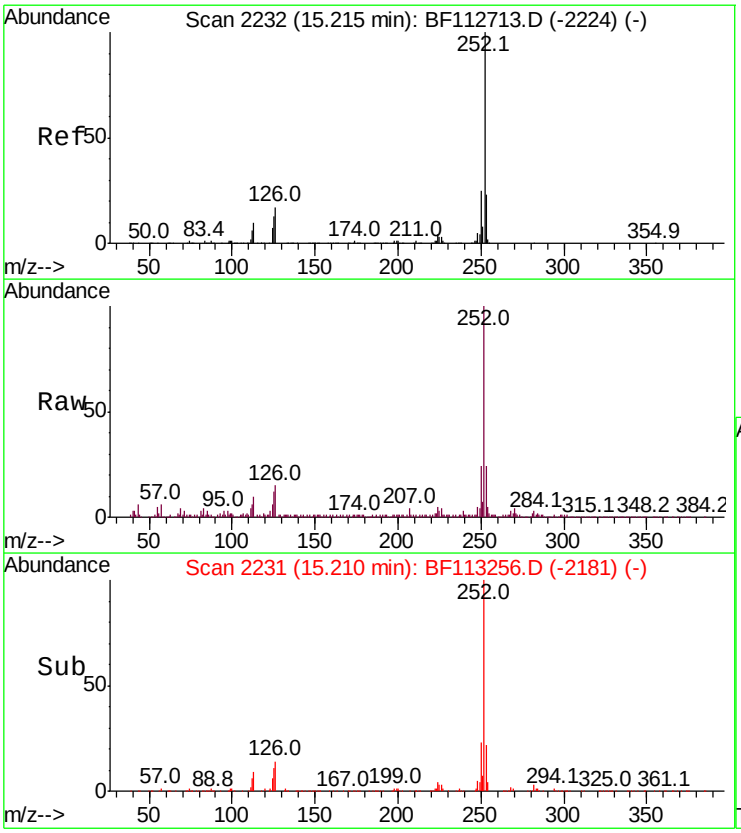
#89
Benzo(k)fluoranthene
Concen: 13.064 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 355147

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	11.7	9.8	14.6

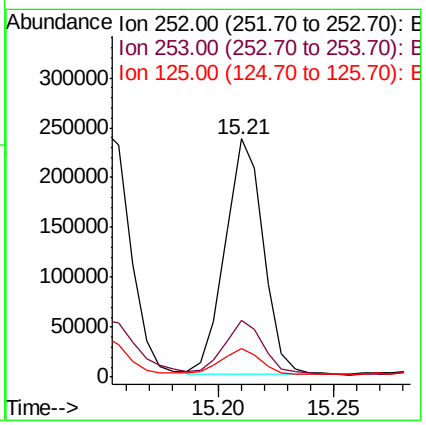


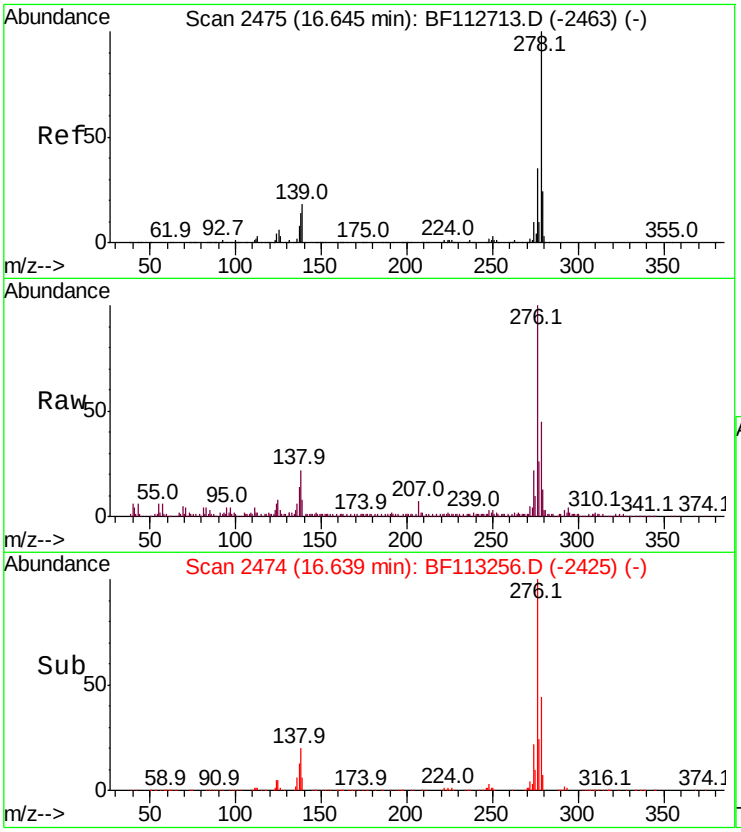


#90
Benzo(a)pyrene
Concen: 10.201 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:252 Resp: 270812

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	12.1	10.7	16.1



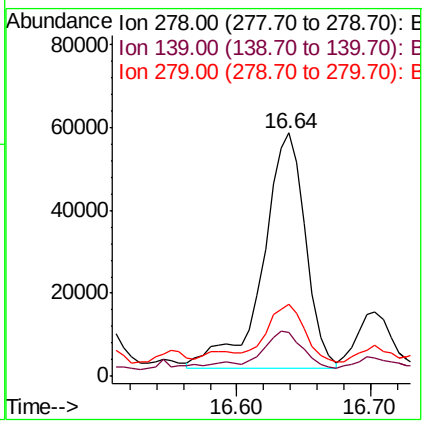


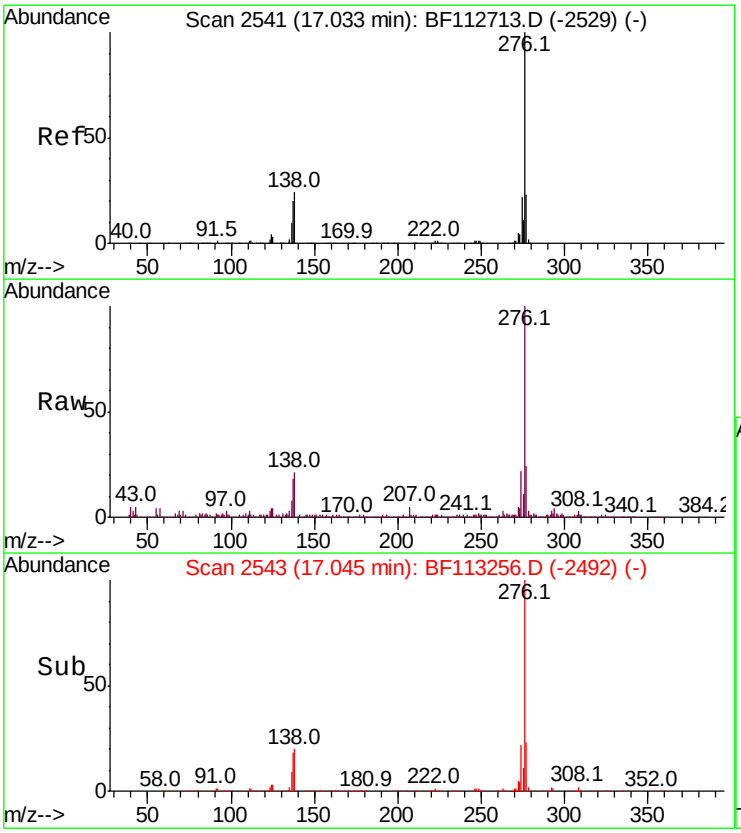
#91
Dibenzo(a,h)anthracene
Concen: 5.576 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 126311

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.3	21.5
279	29.5	19.4	29.0#





#92
Benzo(g,h,i)perylene
Concen: 15.156 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF113256.D
Acq: 23 Mar 2019 11:53

Tgt Ion:276 Resp: 344744

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	20.8	19.4	29.0