Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
Data File : BF113240.D
Acq On : 22 Mar 2019 17:51
Operator : JU/SJ
Sample : K2050-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 22 23:27:47 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	6.72	152	149267	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	512426	20.00	ng		-0.02
39) Acenaphthene-d10	9.75	164	250970	20.00	ng		-0.02
64) Phenanthrene-d10	11.23	188	479851	20.00	ng		-0.02
76) Chrysene-d12	13.86	240	310194	20.00	ng		-0.01
87) Perylene-d12	15.27	264	356867	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1078984	112.44	ng		0.00
7) Phenol-d6	6.37	99	1347708	111.81	ng		0.00
23) Nitrobenzene-d5	7.28	82	862600	100.73	ng		-0.02
42) 2,4,6-Tribromophenol	10.54	330	373965	140.36	ng		-0.01
45) 2-Fluorobiphenyl	9.07	172	1168547	74.72	ng		-0.02
79) Terphenyl-d14	12.81	244	904753	56.54	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.37	94	87484	6.219	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	112076	14.681	ng	#	75
25) Isophorone	7.28	82	843434	45.717	ng	#	66
27) 2,4-Dimethylphenol	7.79	122	173060	23.445	ng	#	6
32) Benzoic acid	7.79	122	173060	33.451	ng		91
50) Dimethylphthalate	9.47	163	149517	8.080	ng		98
57) 2,4-Dinitrotoluene	9.75	165	32584	6.802	ng	#	17
65) 4,6-Dinitro-2-methylphenol	10.54	198	634	4.903	ng	#	1
67) 4-Bromophenyl-phenylether	10.54	248	21324	4.219	ng	#	1
71) Phenanthrene	11.25	178	58157	2.436	ng		97
75) Fluoranthene	12.44	202	334218	13.066	ng		94
78) Pyrene	12.66	202	290425	11.106	ng		99
81) Benzo(a)anthracene	13.89	228	194720	9.057	ng		98
83) Chrysene	13.89	228	194720	9.247	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	137890	7.681	ng	#	90
88) Benzo(b)fluoranthene	14.87	252	473970	20.533	ng		97
89) Benzo(k)fluoranthene	14.87	252	473970	22.669	ng		98
90) Benzo(a)pyrene	15.21	252	145555	7.129	ng		97
91) Dibenzo(a,h)anthracene	16.63	278	41679	2.392	ng	#	92
92) Benzo(g,h,i)perylene	17.04	276	123354	7.051	ng		95

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

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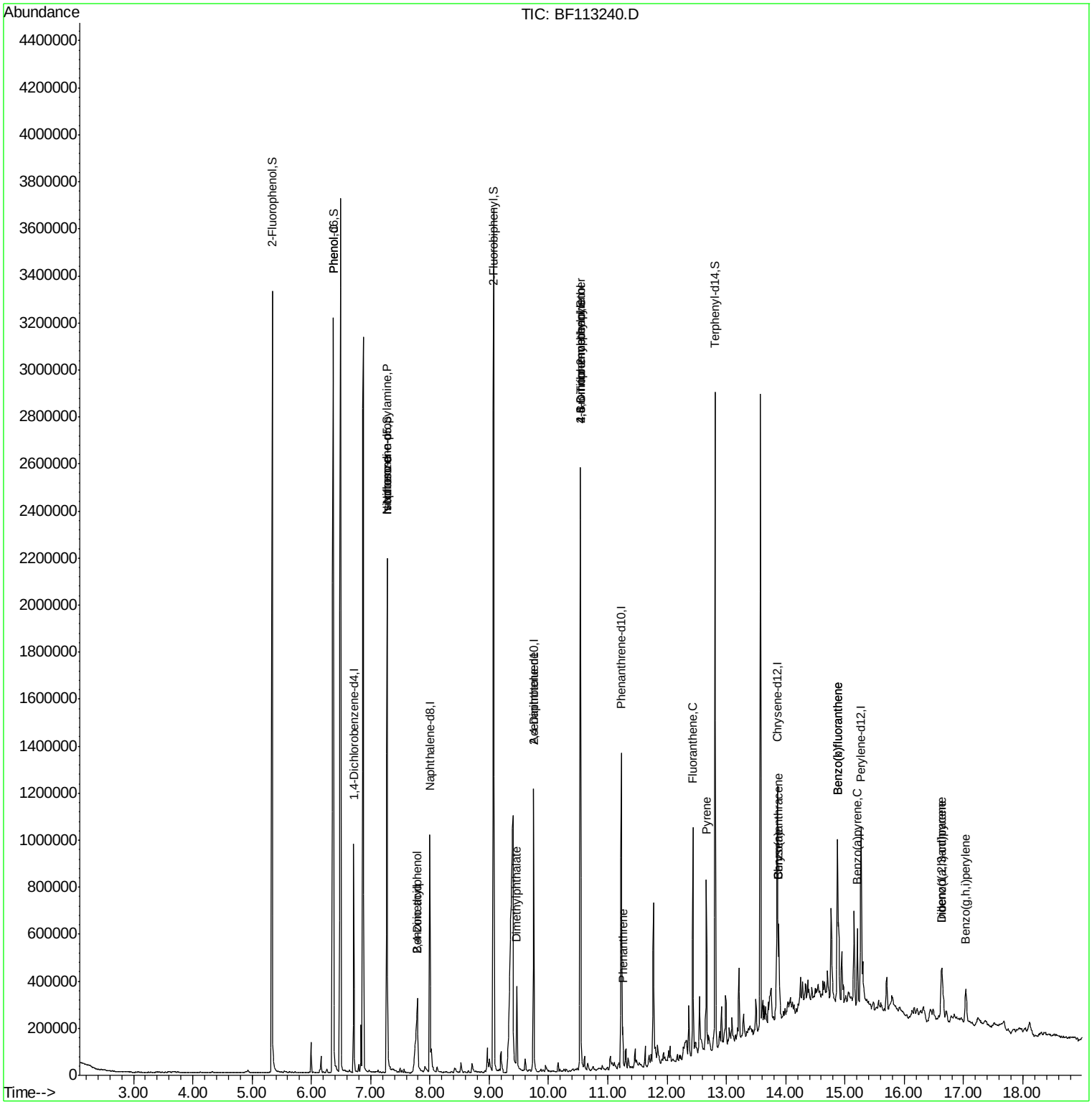
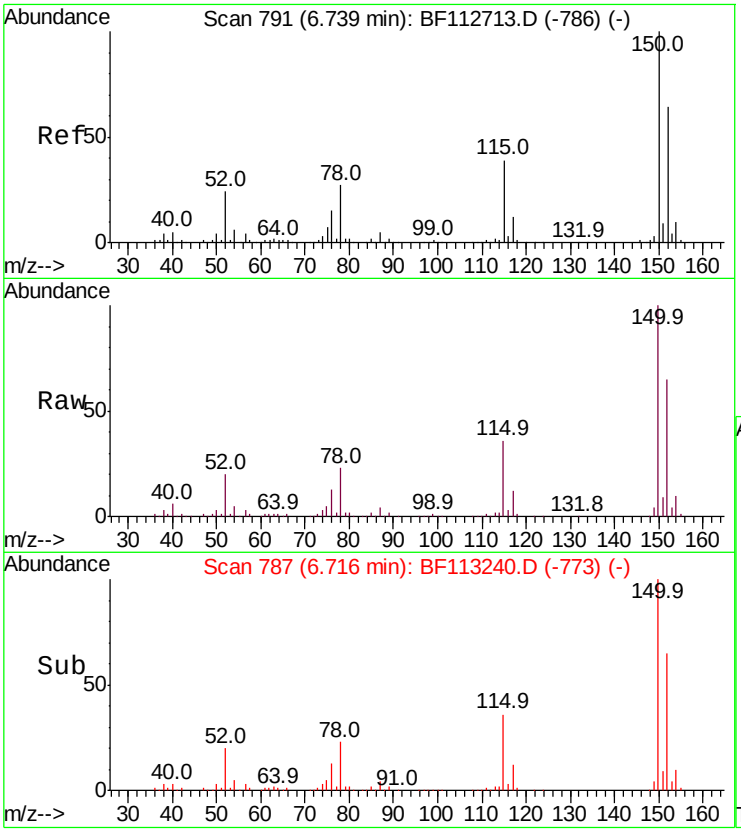


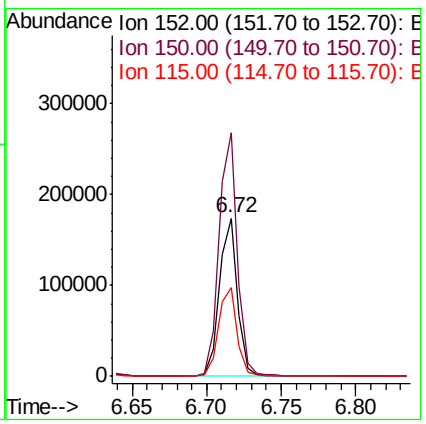


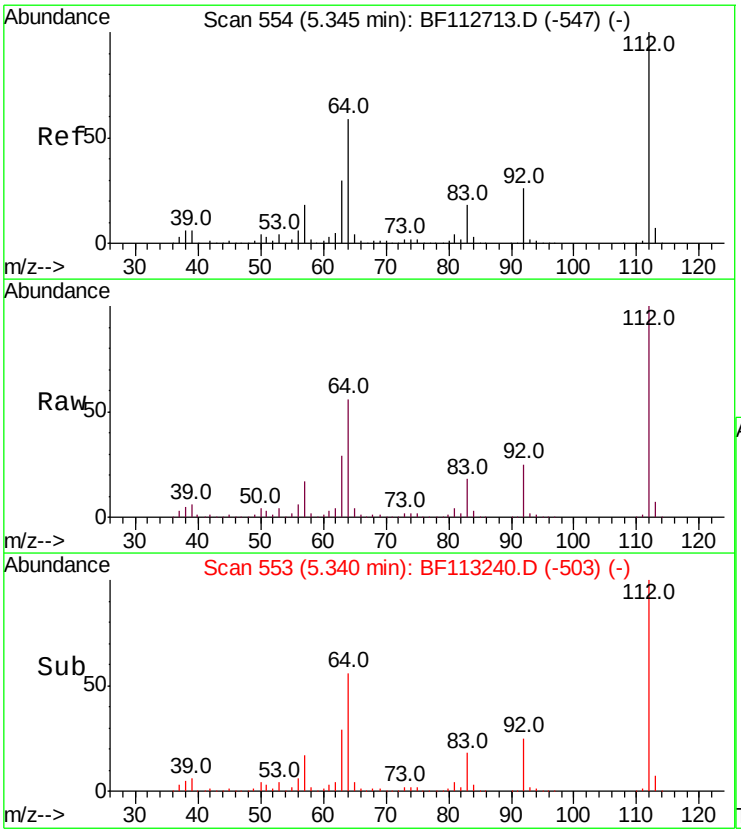
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 149267

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.2	186.2
115	55.8	48.2	72.4

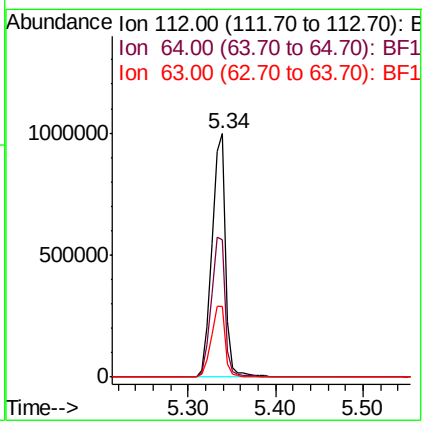


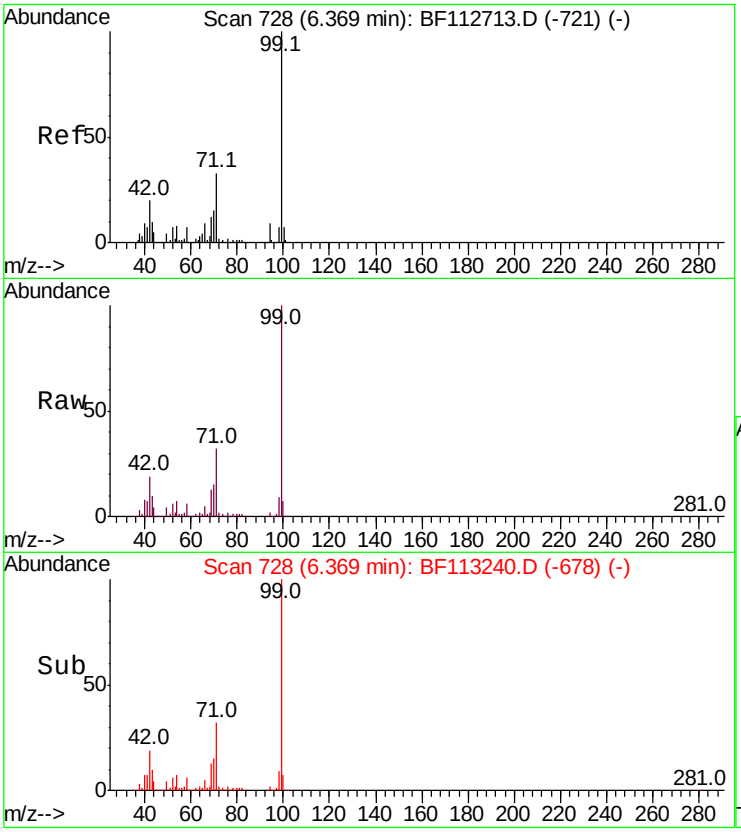


#5
2-Fluorophenol
Concen: 112.443 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:112 Resp: 1078984

Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.6	71.4
63	29.1	24.4	36.6



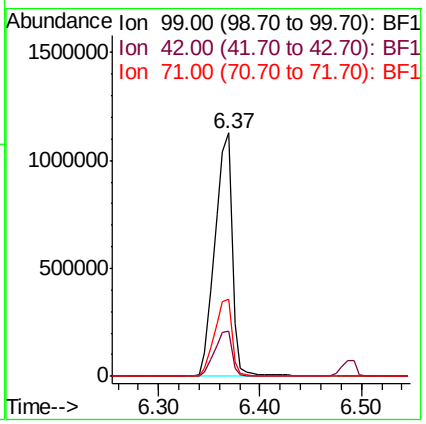


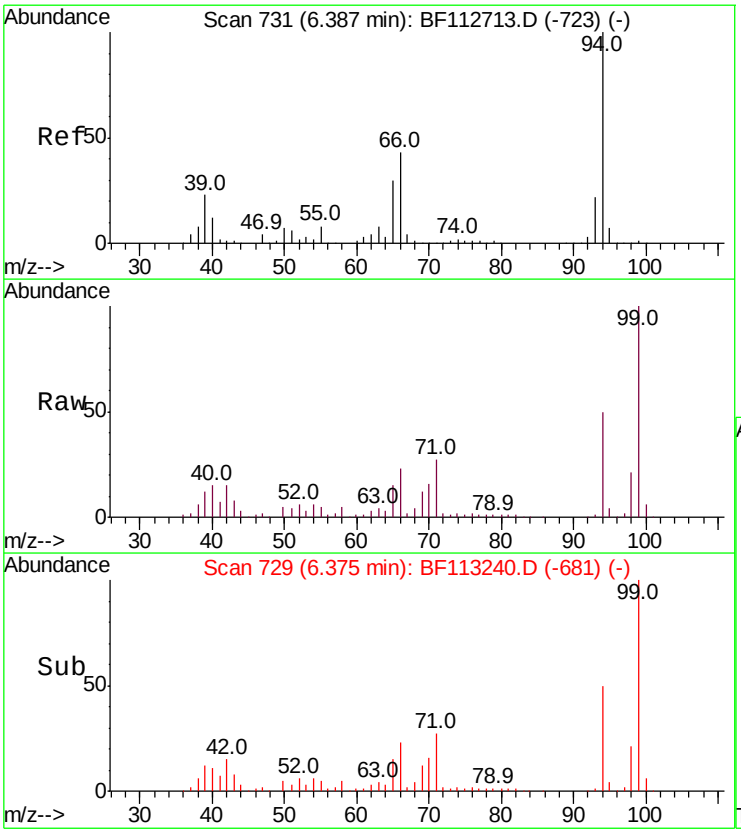
#7
Phenol-d6
Concen: 111.807 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1347708

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.3	24.5
71	32.0	26.2	39.4

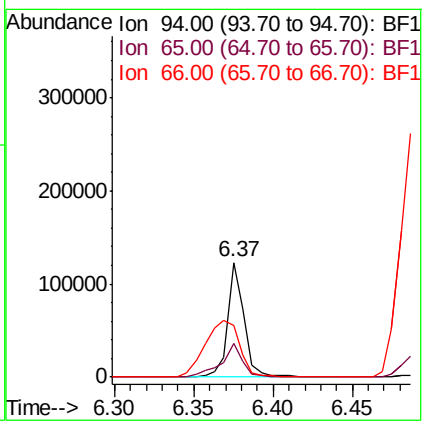


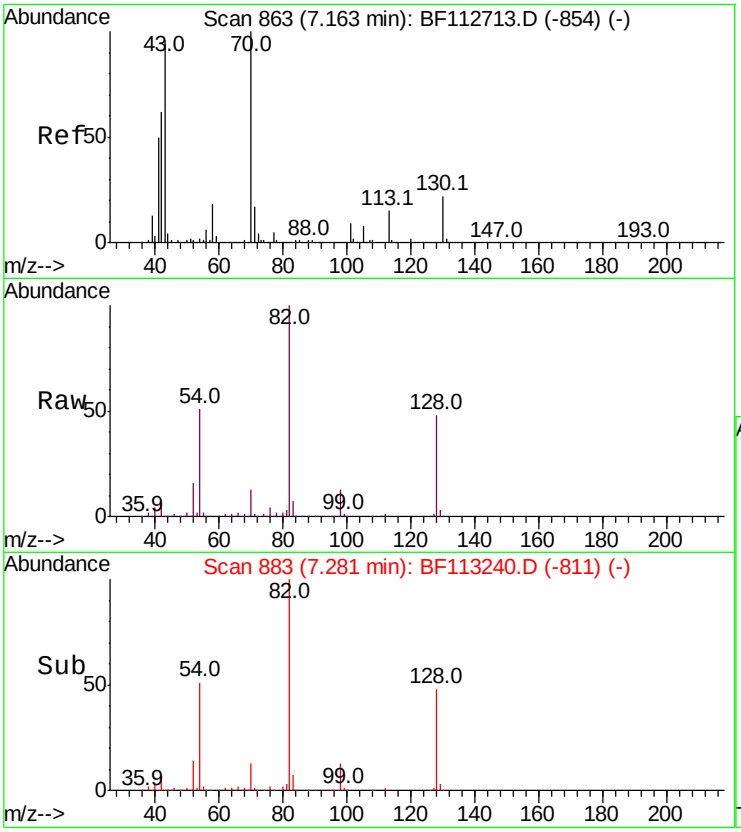


#10
Phenol
Concen: 6.219 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion: 94 Resp: 87484

Ion	Ratio	Lower	Upper
94	100		
65	29.8	10.5	50.5
66	45.4	22.6	62.6



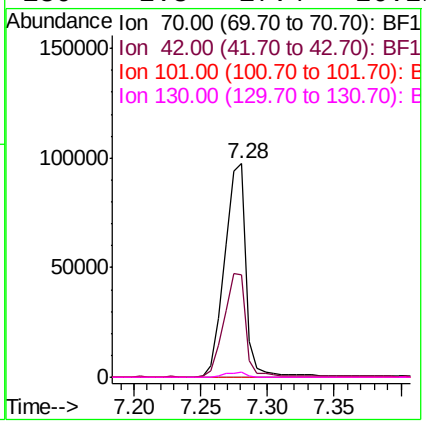


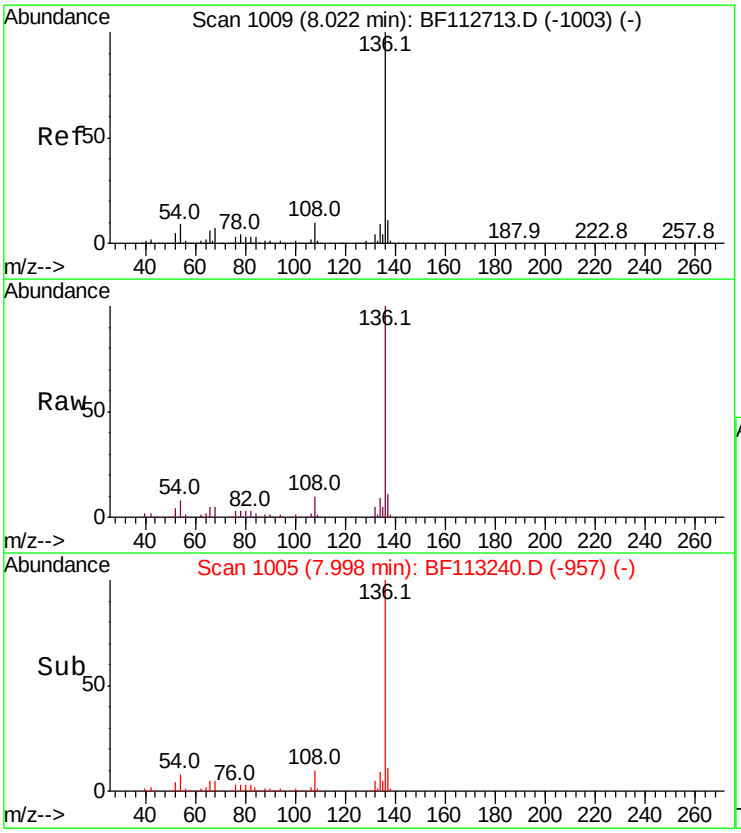
#19
n-Nitroso-di-n-propylamine
Concen: 14.681 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.12 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 112076

Ion	Ratio	Lower	Upper
70	100		
42	47.7	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#

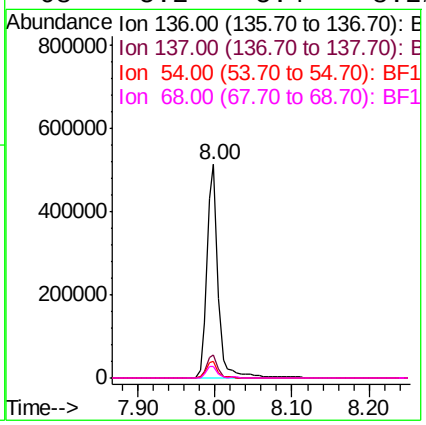


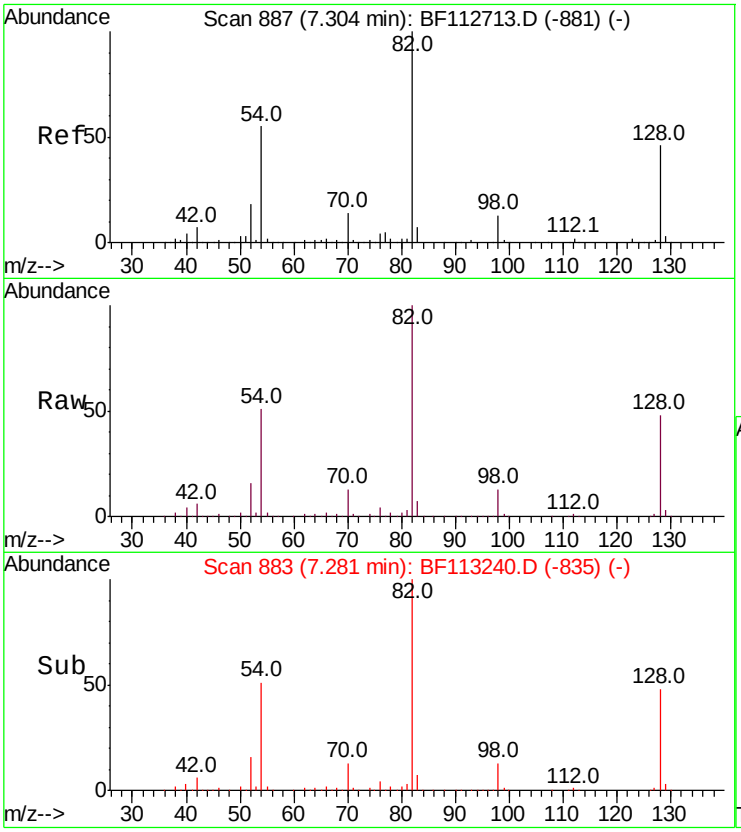


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:136 Resp: 512426

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.9	7.3	10.9
68	5.2	5.4	8.2#



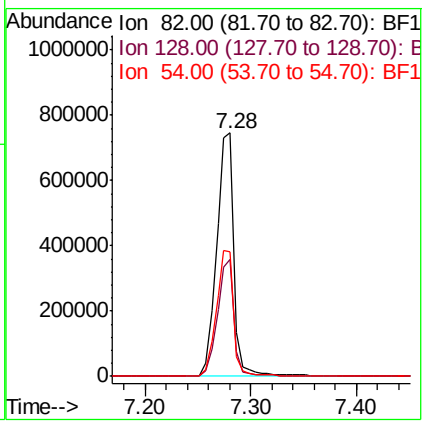


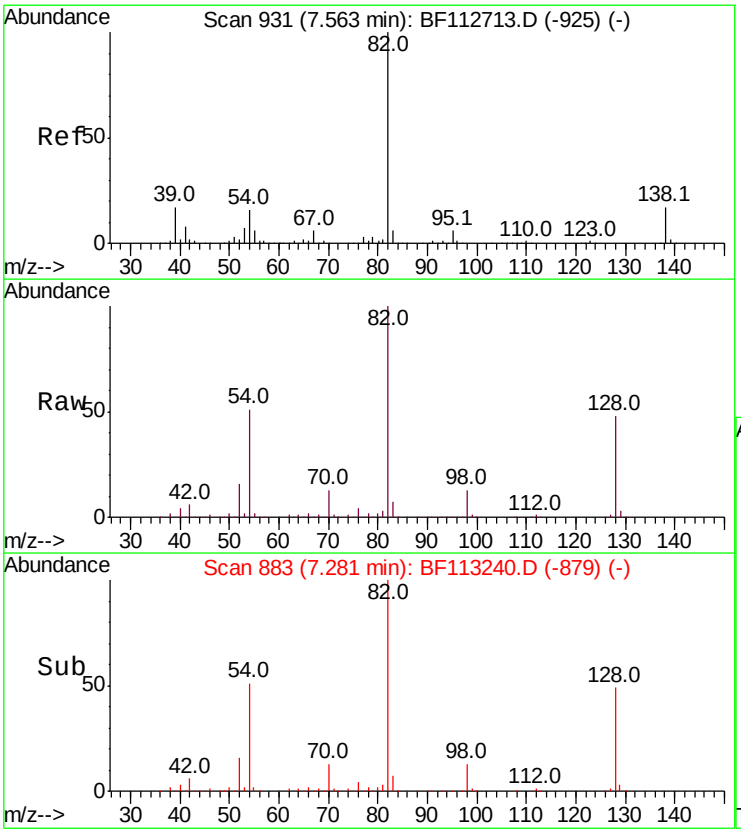
#23
Nitrobenzene-d5
Concen: 100.729 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 862600

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.3	54.5
54	51.1	43.7	65.5

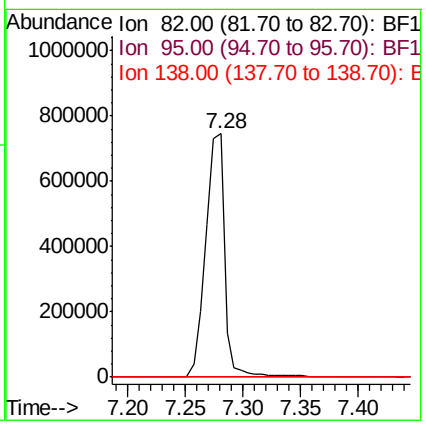


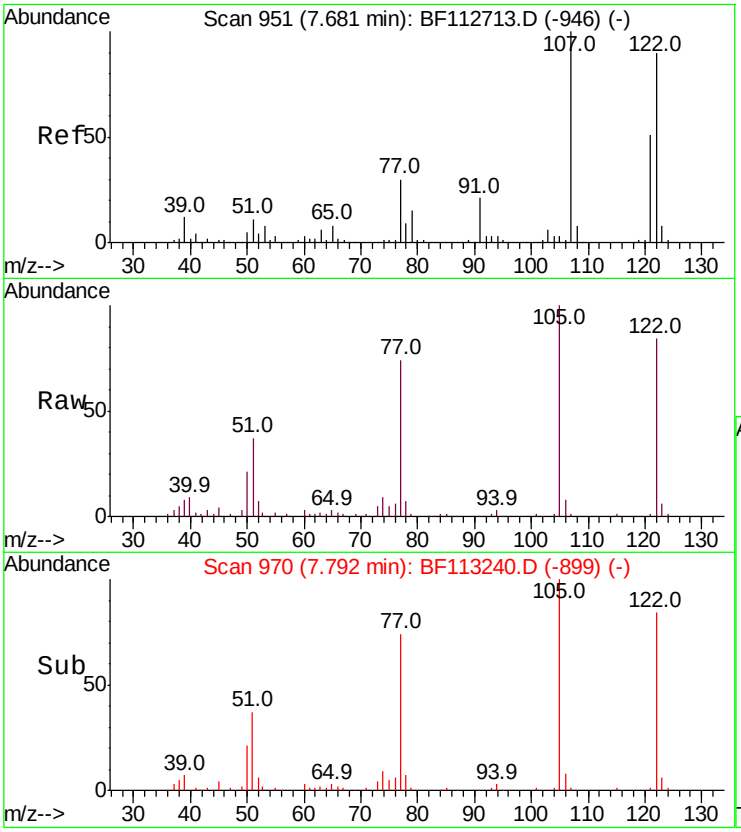


#25
Isophorone
Concen: 45.717 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion: 82 Resp: 843434

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	13.8	20.8#



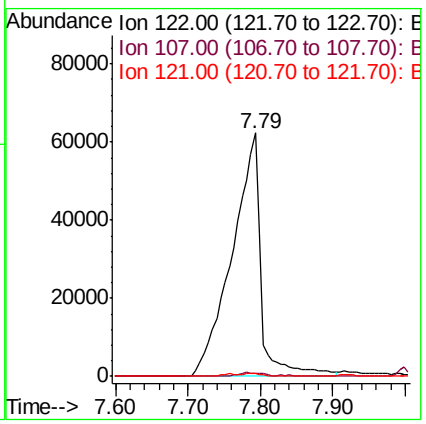


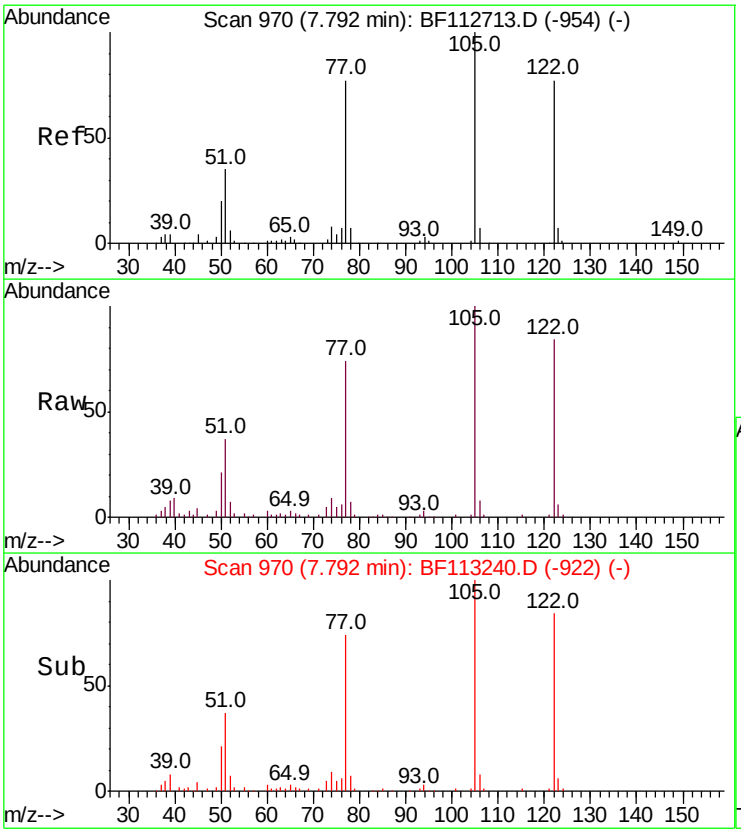
#27
2,4-Dimethylphenol
Concen: 23.445 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.12 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 173060

Ion	Ratio	Lower	Upper
122	100		
107	1.3	89.4	134.0#
121	1.0	45.5	68.3#

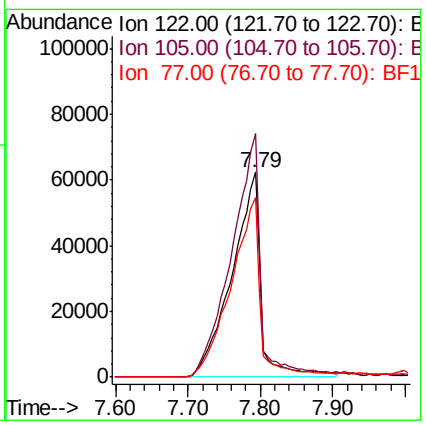


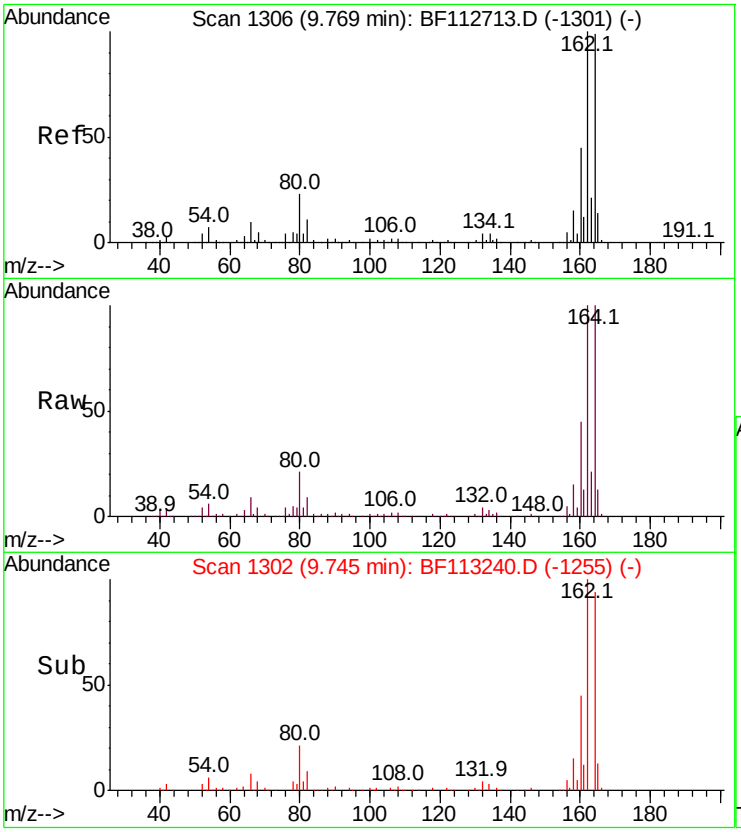


#32
Benzoic acid
Concen: 33.451 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:122 Resp: 173060

Ion	Ratio	Lower	Upper
122	100		
105	118.8	106.8	146.8
77	87.9	79.4	119.4



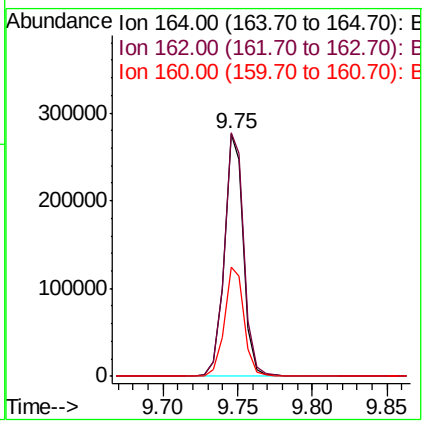


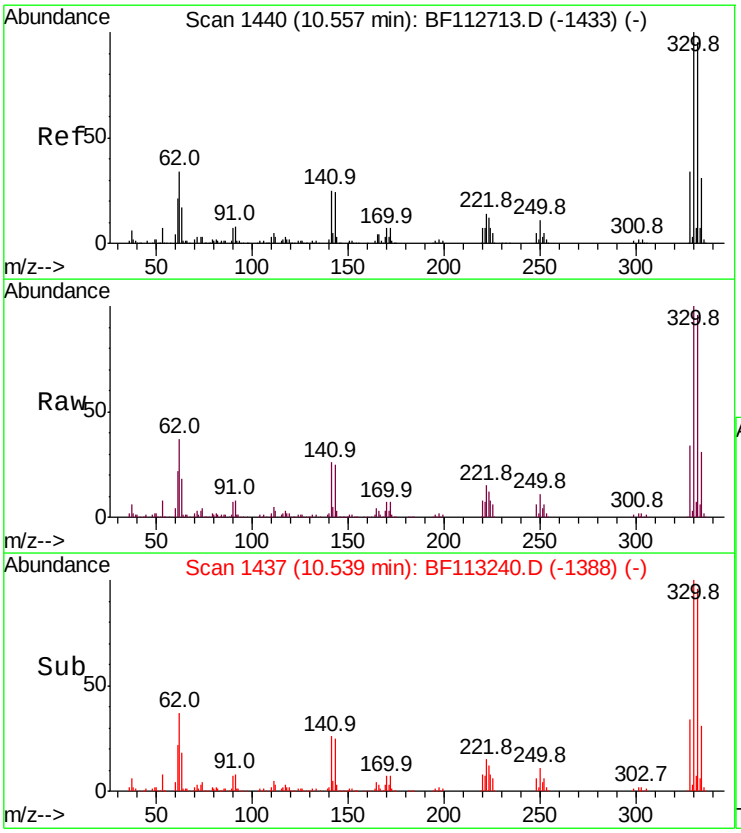
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 250970

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	120.8
160	44.9	36.0	54.0

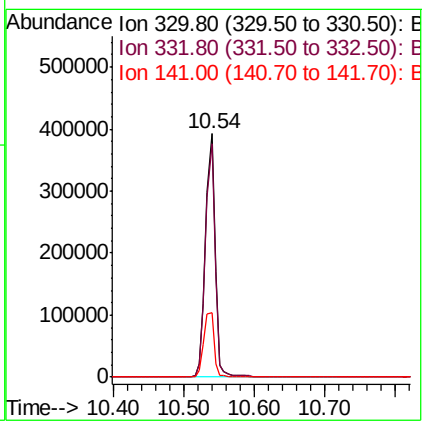


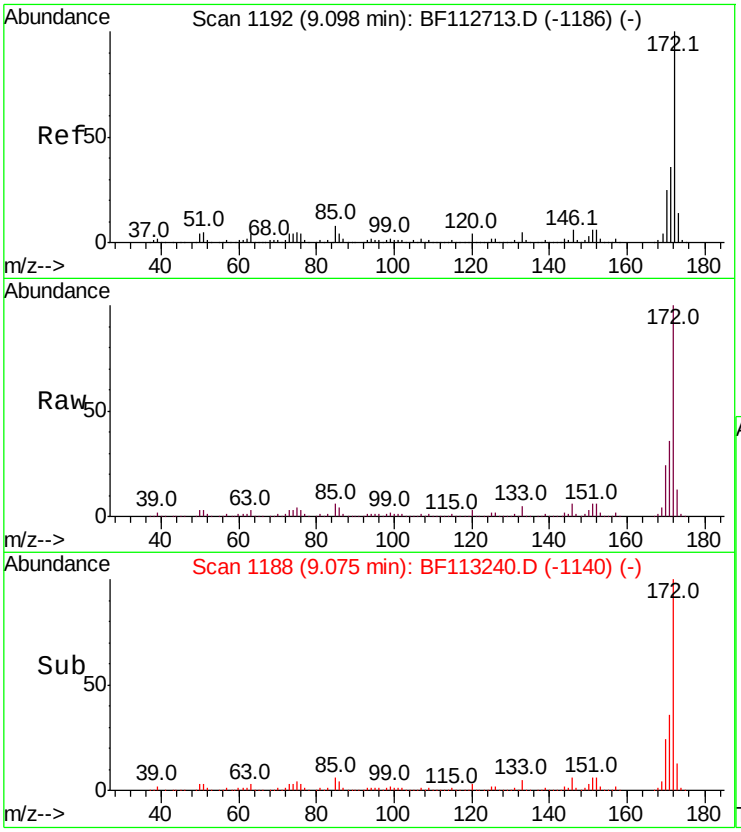


#42
2,4,6-Tribromophenol
Concen: 140.358 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:330 Resp: 373965

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.2	114.4
141	28.7	27.0	40.6



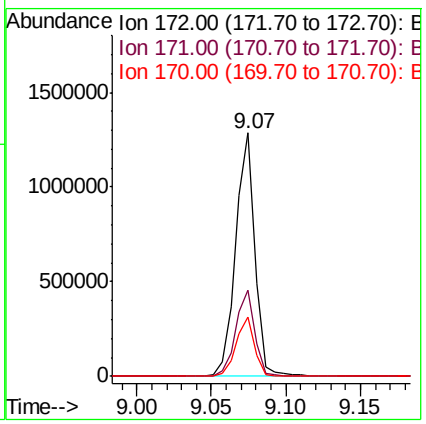


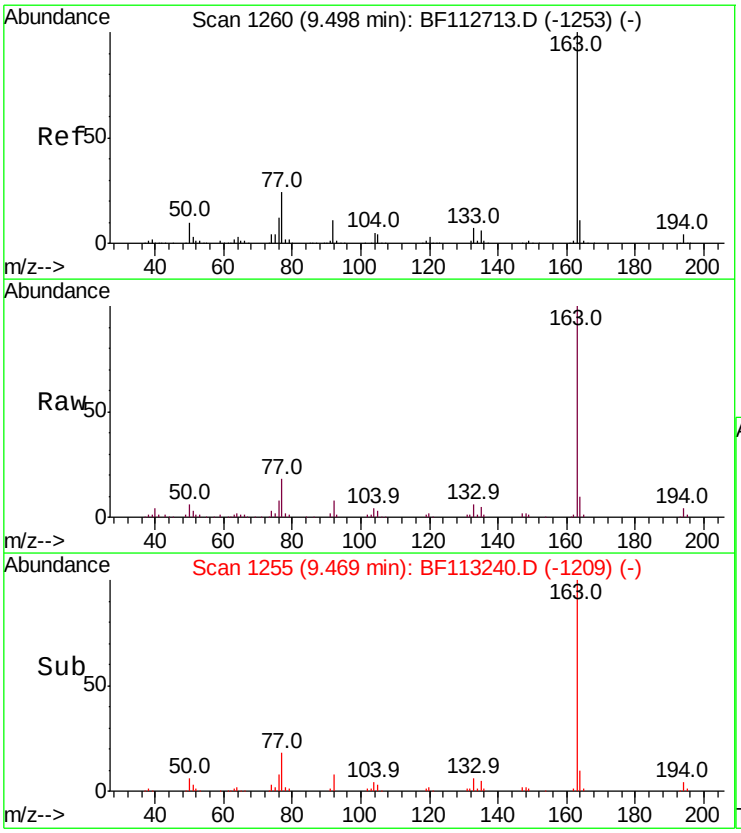
#45
2-Fluorobiphenyl
Concen: 74.721 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1168547

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.5	20.0	30.0

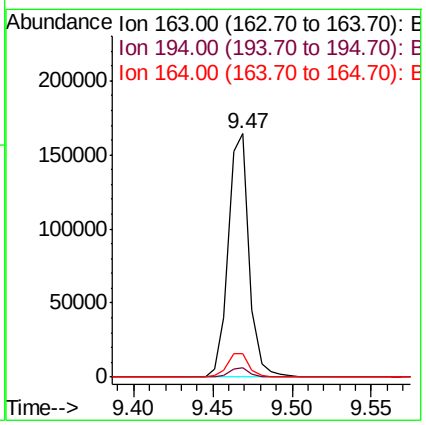


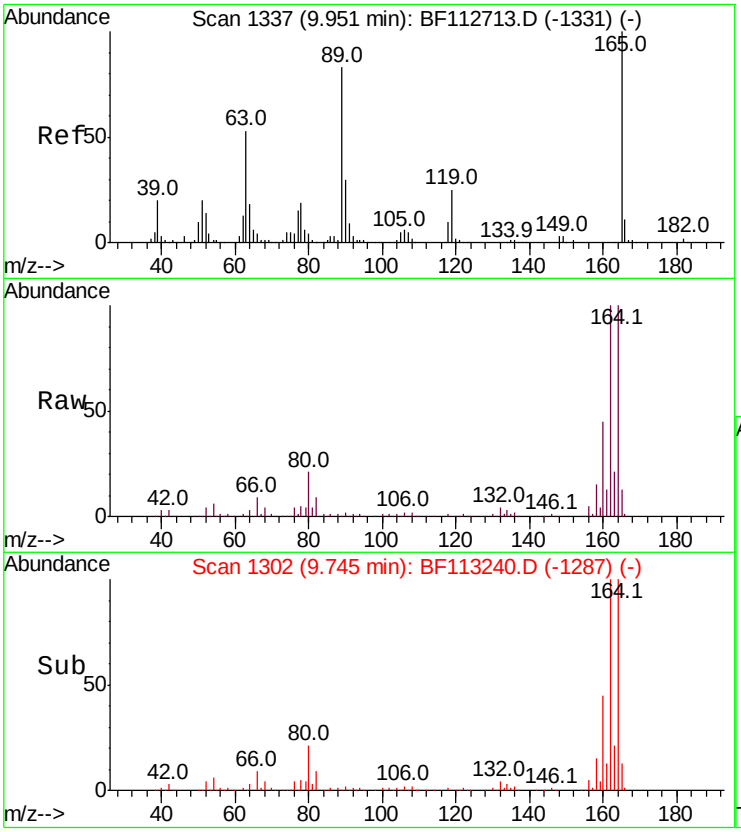


#50
Dimethylphthalate
Concen: 8.080 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.03 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:163 Resp: 149517

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.5	8.4	12.6



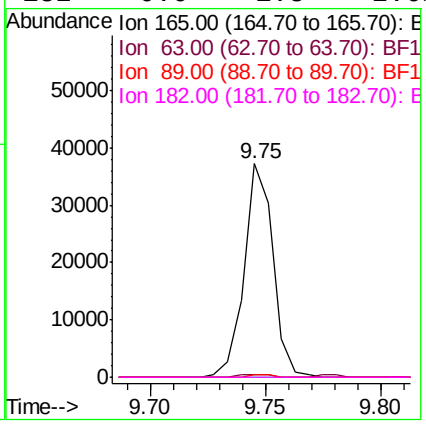


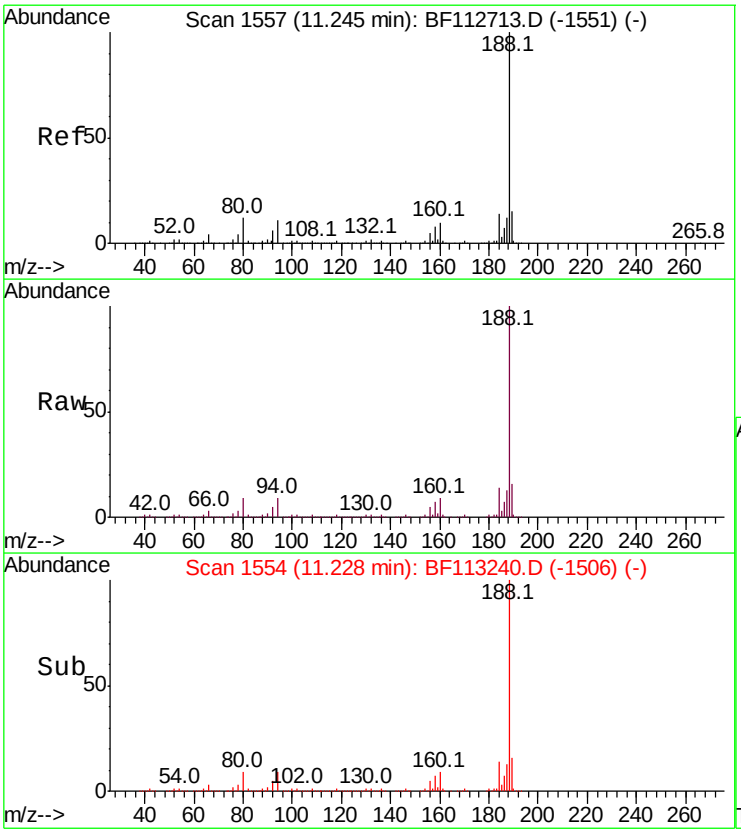
#57
2,4-Dinitrotoluene
Concen: 6.802 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32584

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.0	66.2	99.4#
182	0.0	1.8	2.6#

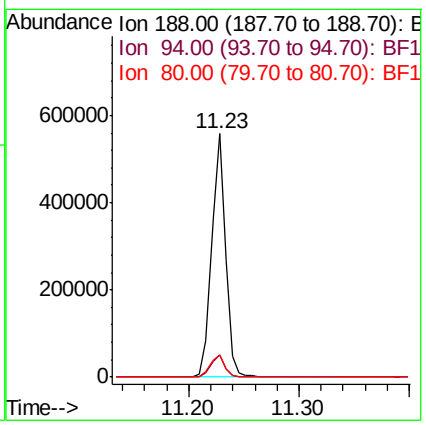


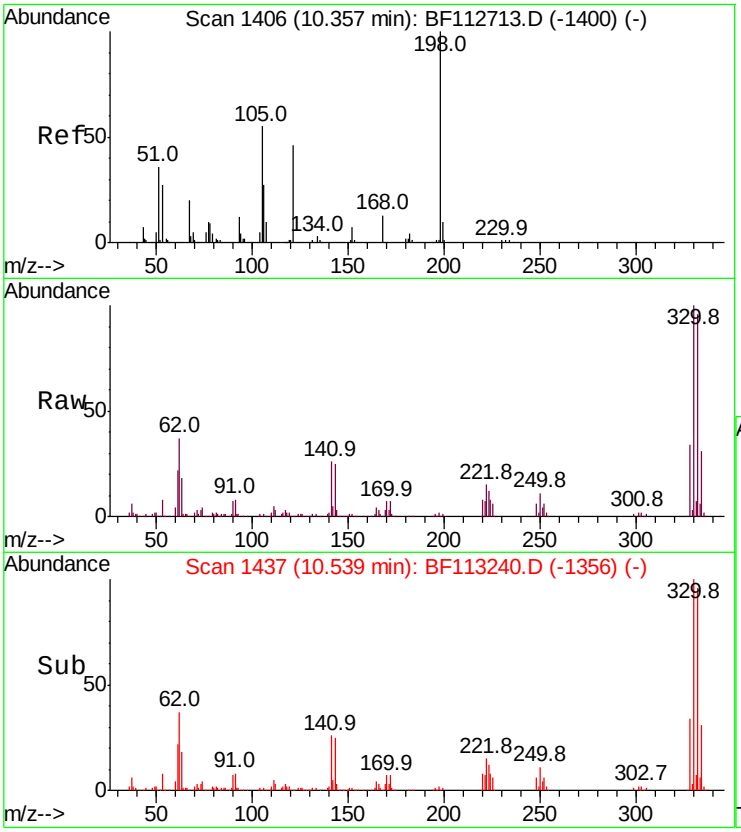


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:188 Resp: 479851

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	8.9	9.2	13.8#



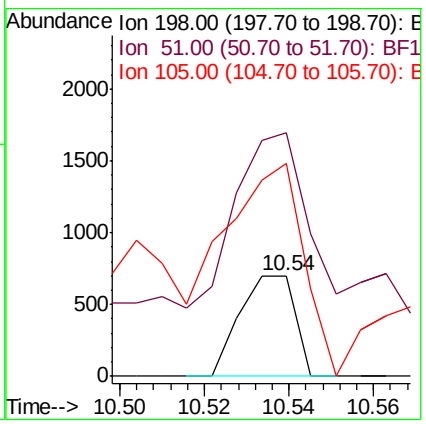


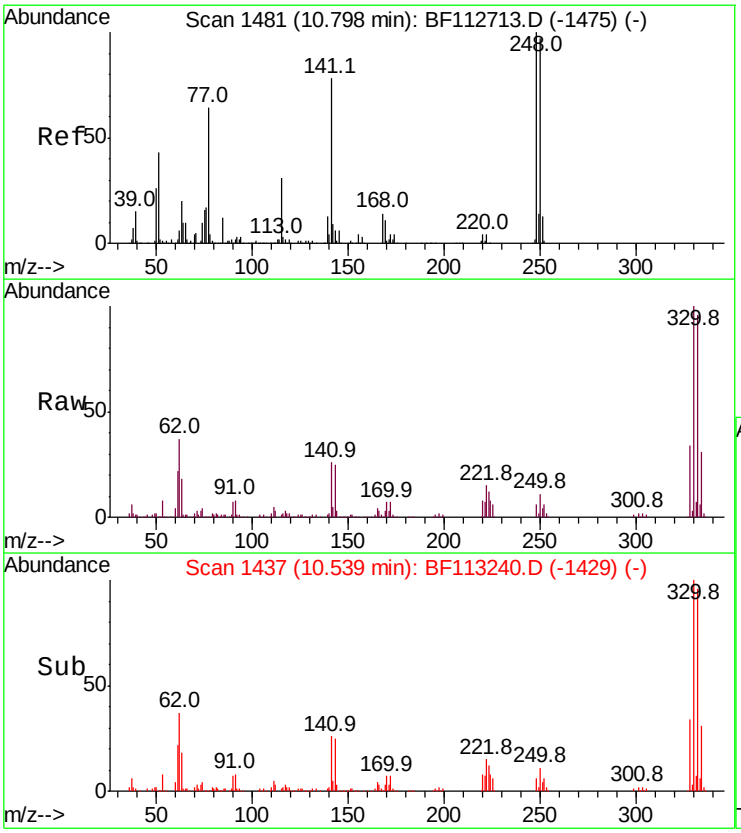
#65
4,6-Dinitro-2-methylphenol
Concen: 4.903 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 634

Ion	Ratio	Lower	Upper
198	100		
51	242.3	43.8	83.8#
105	211.6	36.5	76.5#

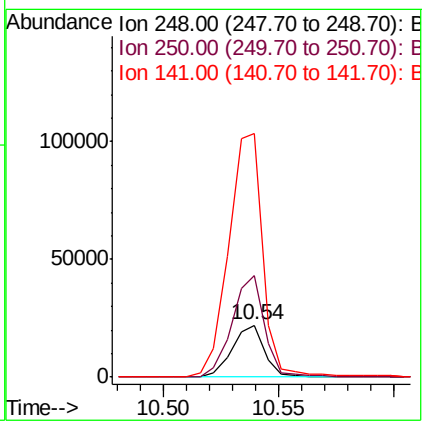


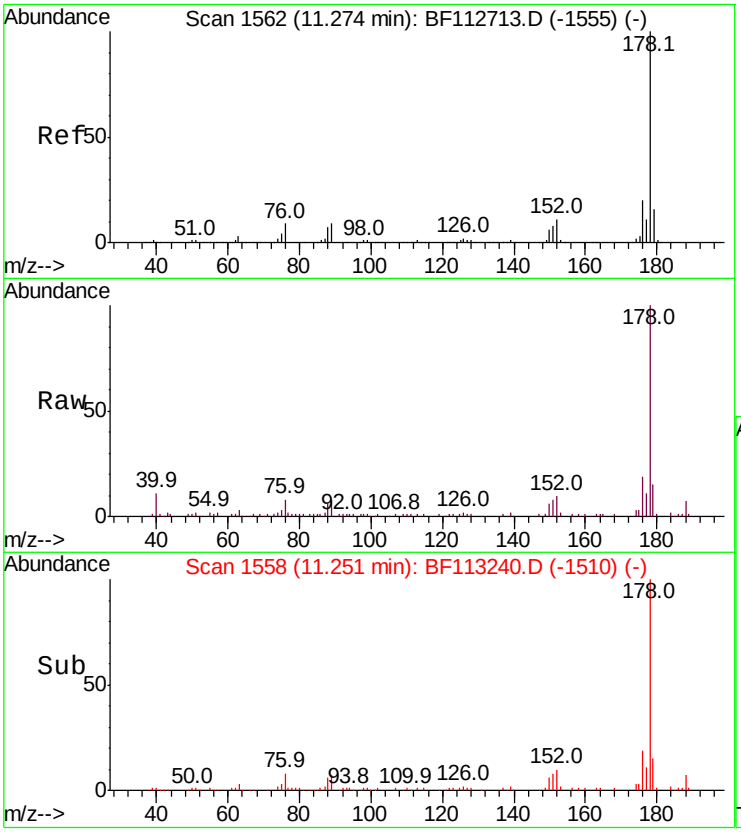


#67
4-Bromophenyl-phenylether
Concen: 4.219 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:248 Resp: 21324

Ion	Ratio	Lower	Upper
248	100		
250	197.6	77.5	116.3#
141	471.6	62.4	93.6#



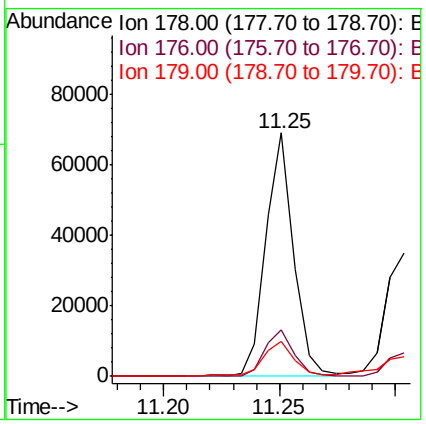


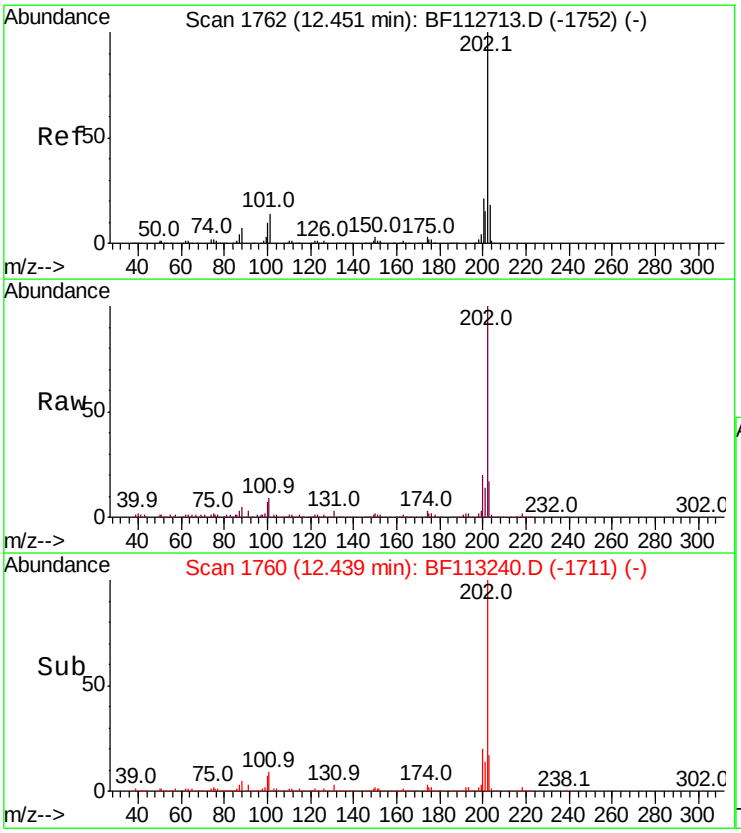
#71
Phenanthrene
Concen: 2.436 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 58157

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	14.5	12.7	19.1

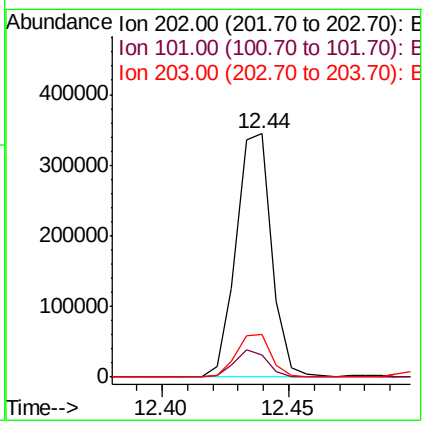


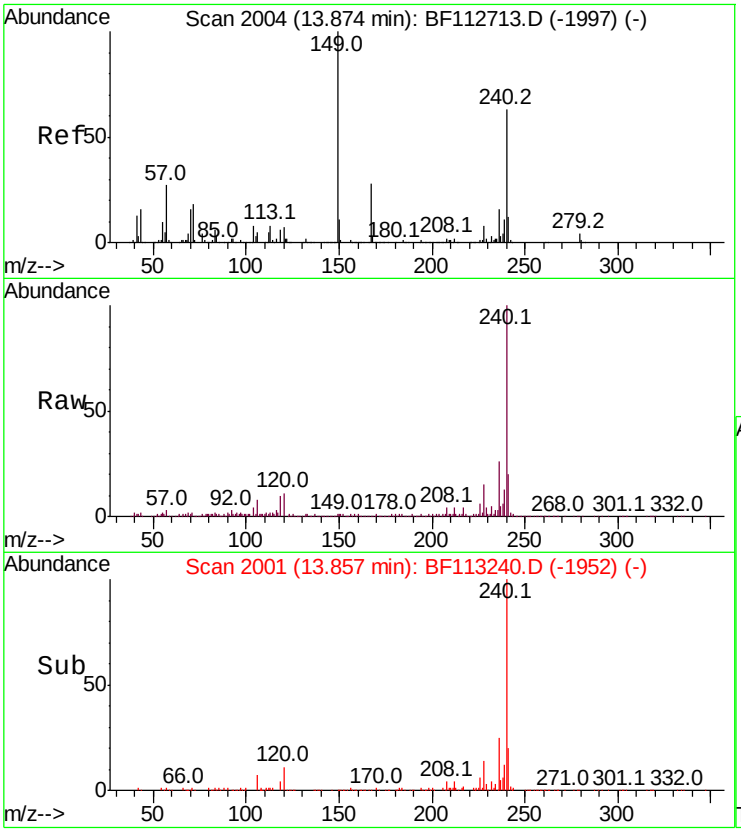


#75
Fluoranthene
Concen: 13.066 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:202 Resp: 334218

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	33.8
203	17.5	0.0	38.4



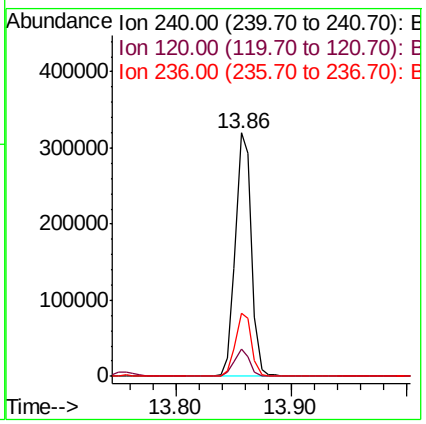


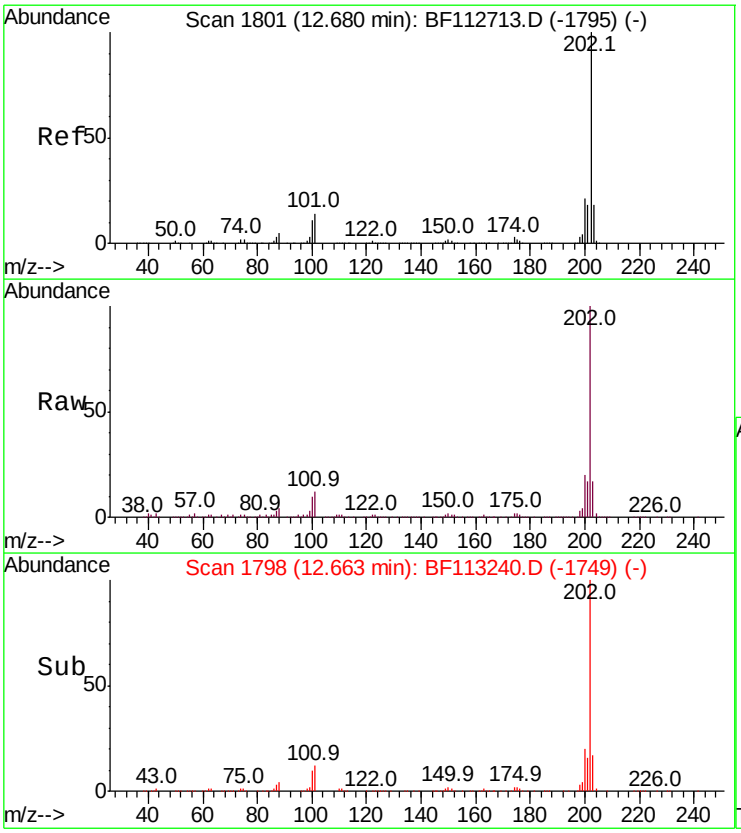
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 310194

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.8	20.7	31.1

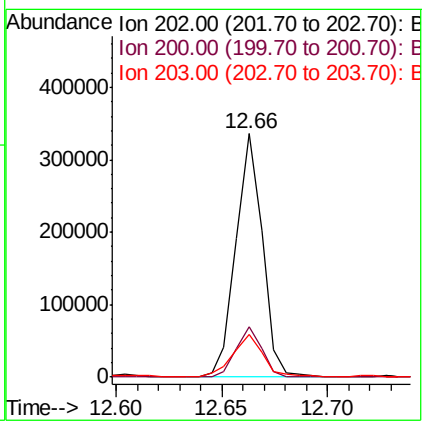


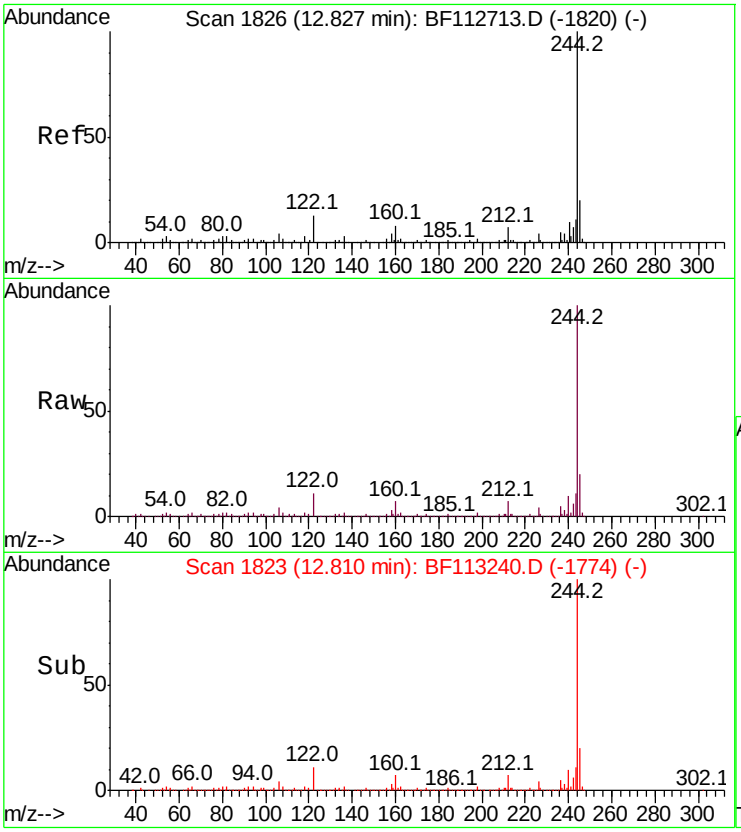


#78
Pyrene
Concen: 11.106 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:202 Resp: 290425

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.4
203	17.4	14.4	21.6



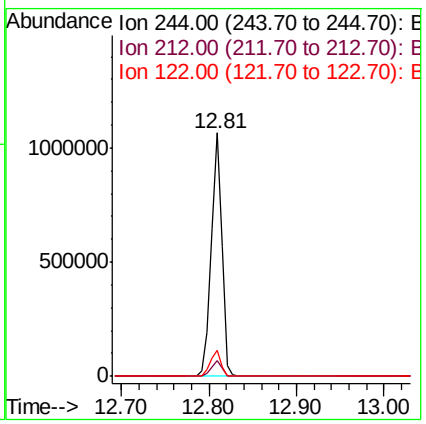


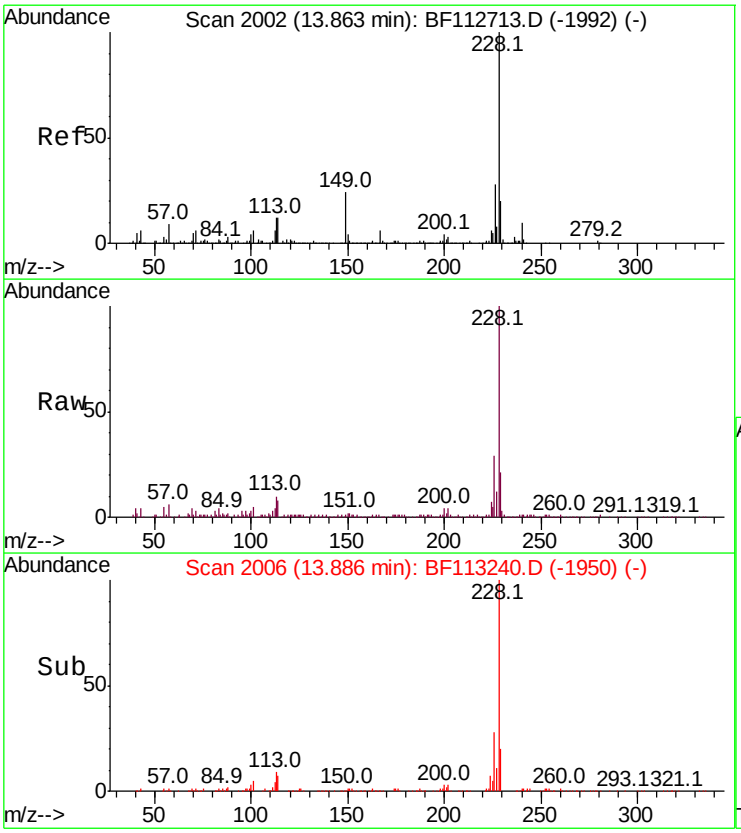
#79
Terphenyl-d14
Concen: 56.541 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 904753

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.8	10.5	15.7

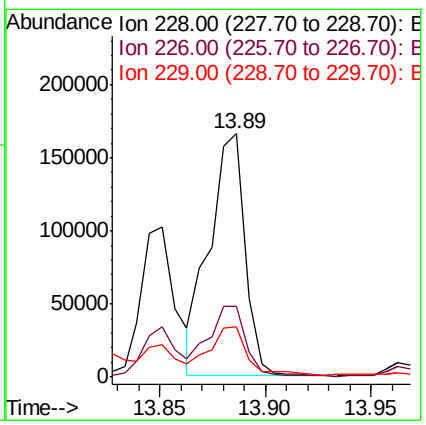


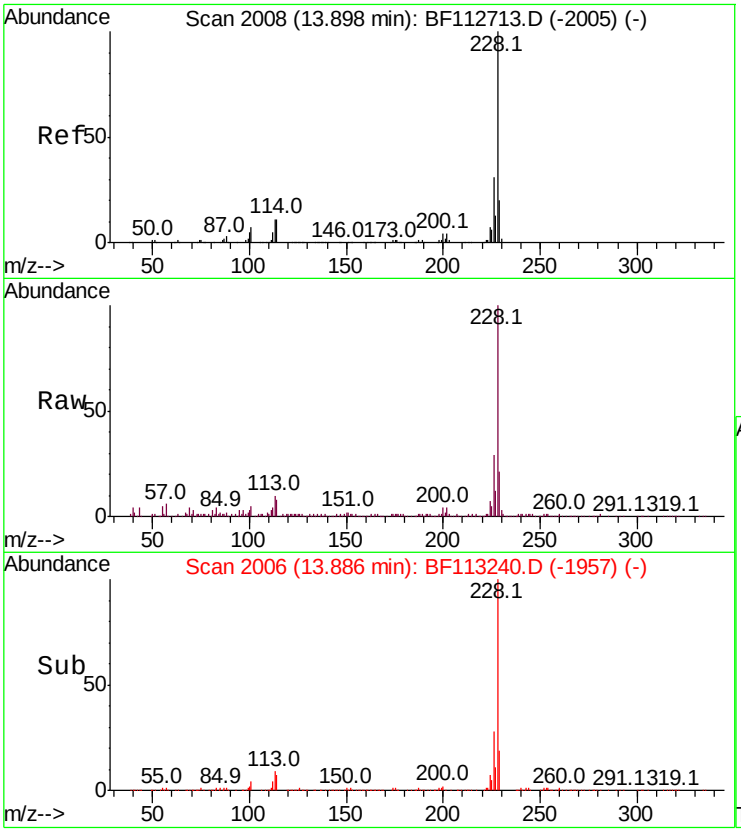


#81
Benzo(a)anthracene
Concen: 9.057 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.03 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:228 Resp: 194720

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.2	33.4
229	20.6	16.0	24.0



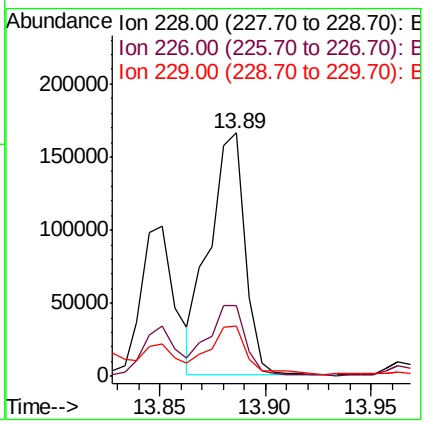


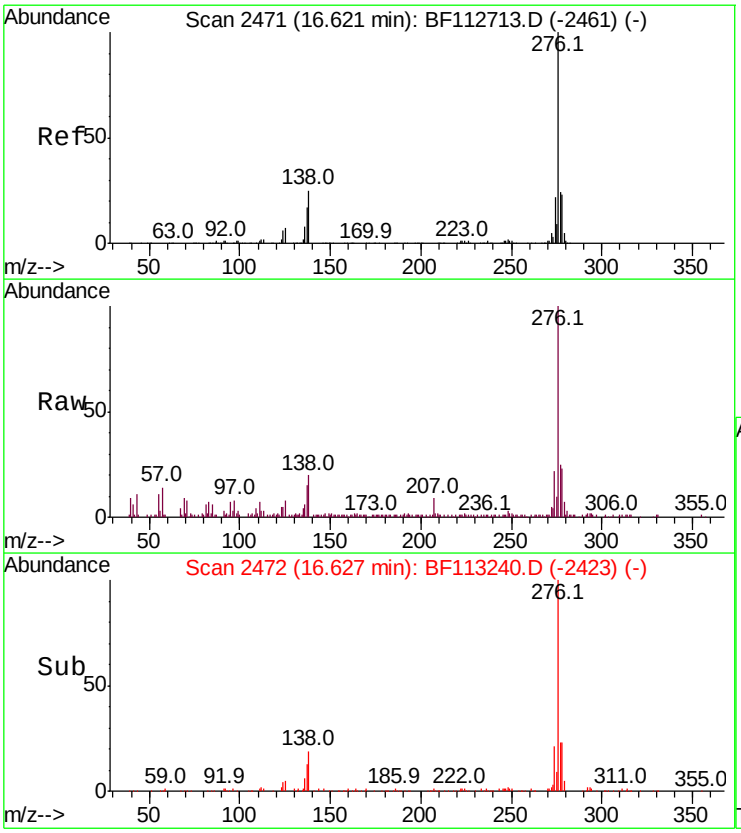
#83
Chrysene
Concen: 9.247 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 194720

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	20.6	16.3	24.5

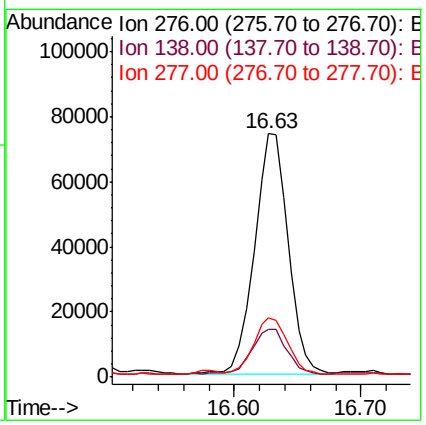


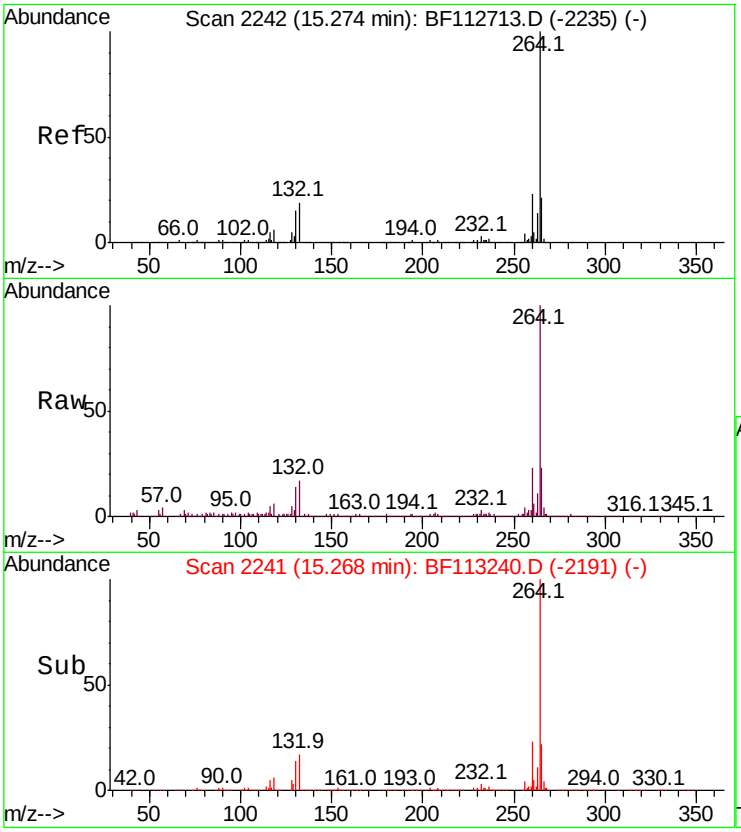


#86
Indeno(1,2,3-cd)pyrene
Concen: 7.681 ng
RT: 16.63 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:276 Resp: 137890

Ion	Ratio	Lower	Upper
276	100		
138	20.5	23.2	34.8#
277	23.6	19.9	29.9



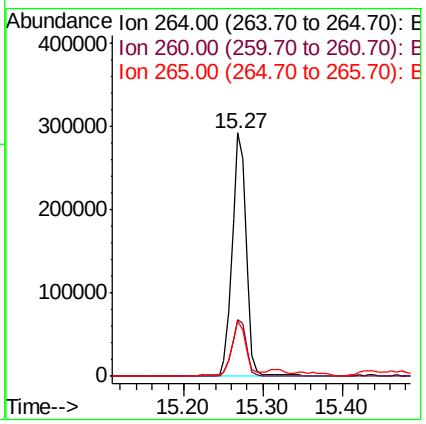


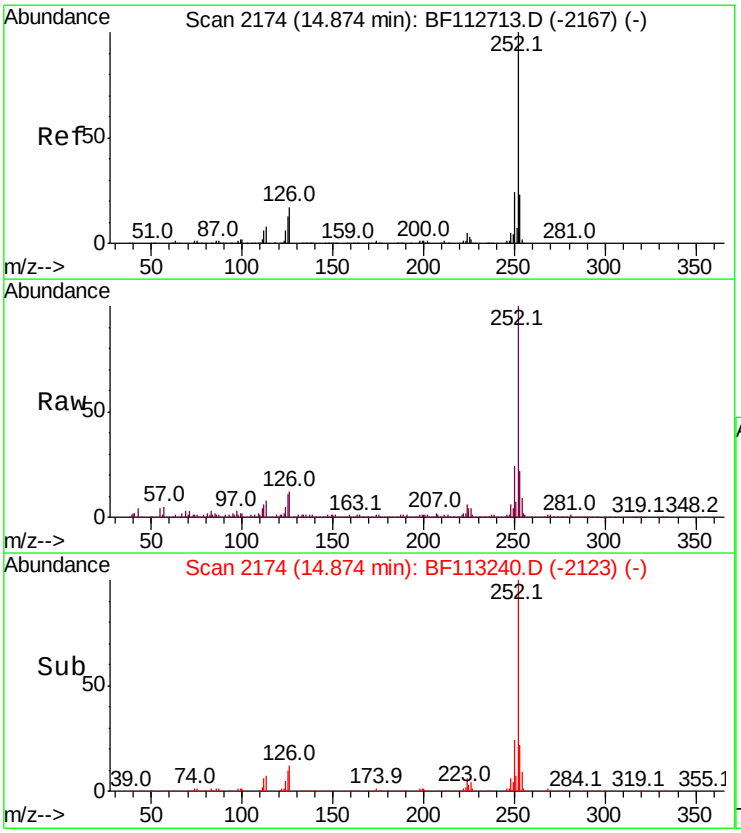
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 356867

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.5	17.2	25.8

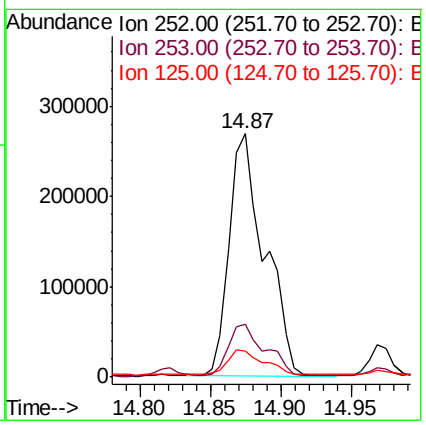


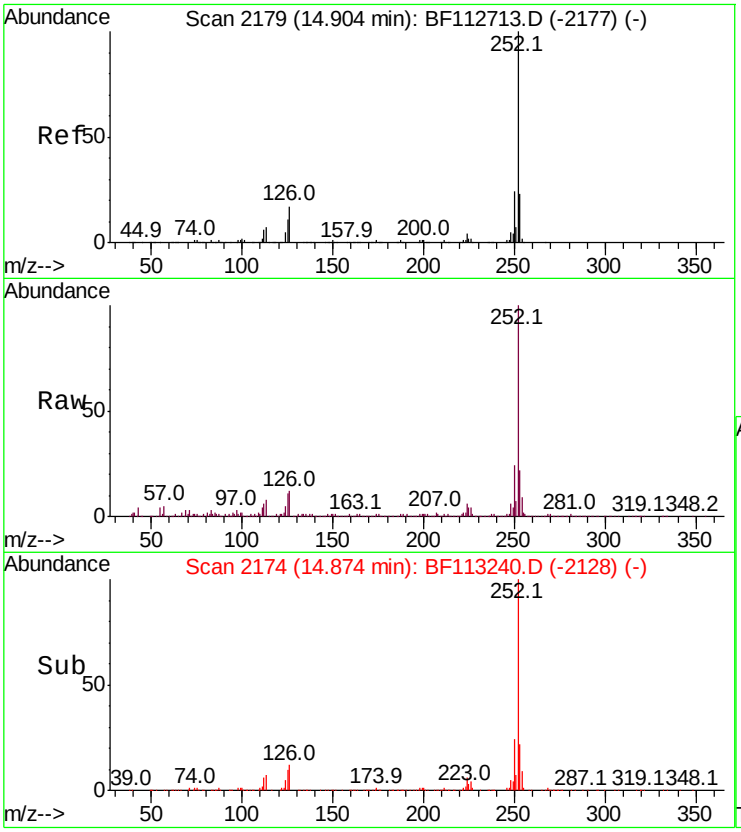


#88
Benzo(b)fluoranthene
Concen: 20.533 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:252 Resp: 473970

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.9	10.2	15.2



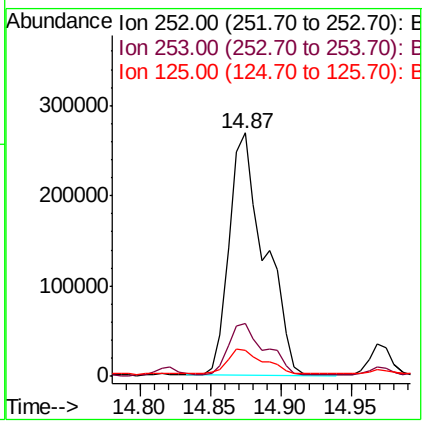


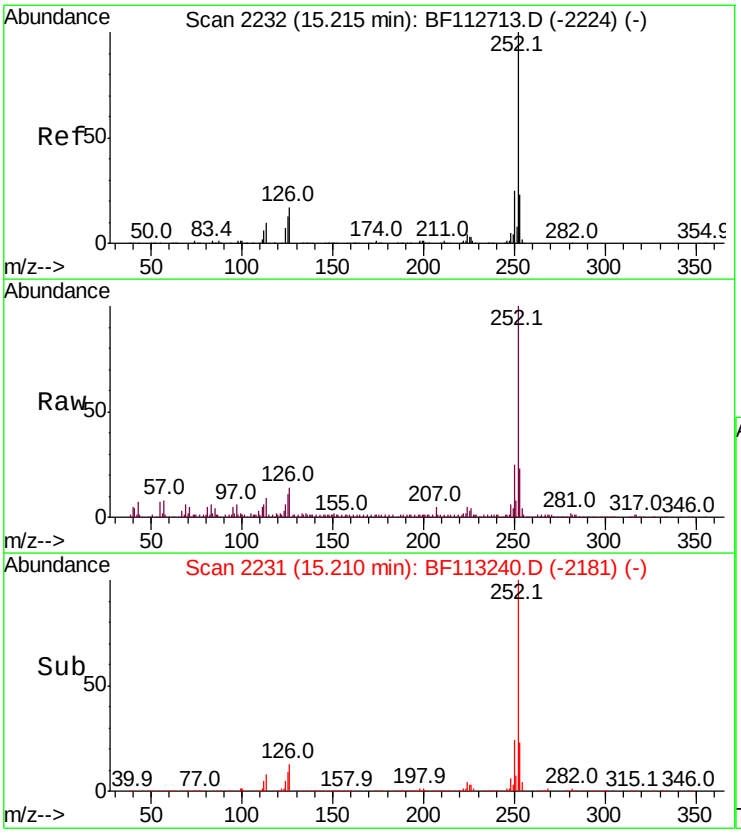
#89
Benzo(k)fluoranthene
Concen: 22.669 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 473970

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	10.9	9.8	14.6

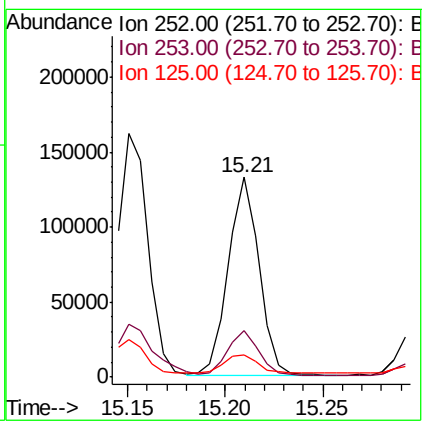


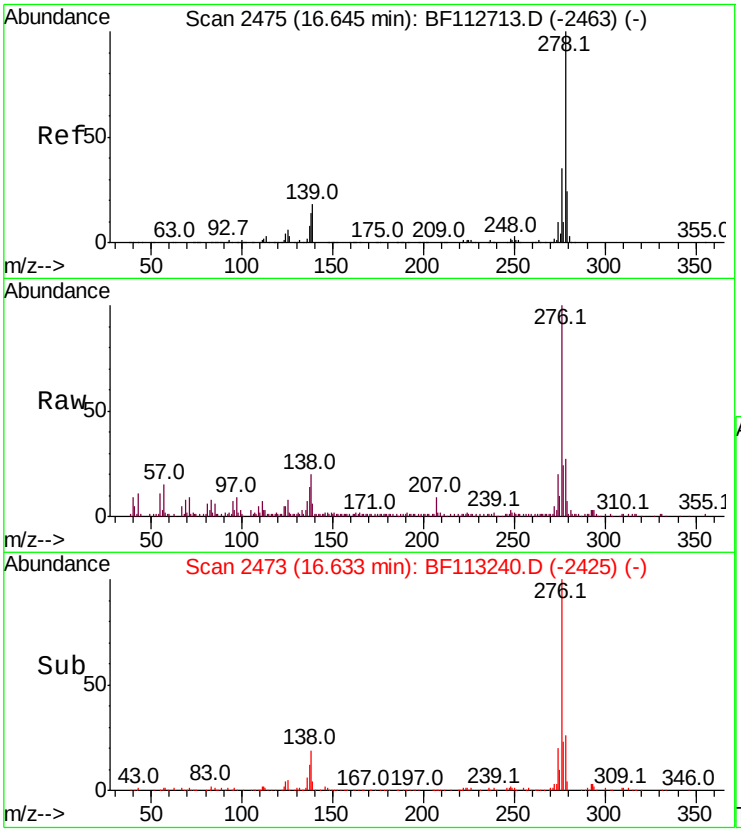


#90
Benzo(a)pyrene
Concen: 7.129 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:252 Resp: 145555

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.4	10.7	16.1



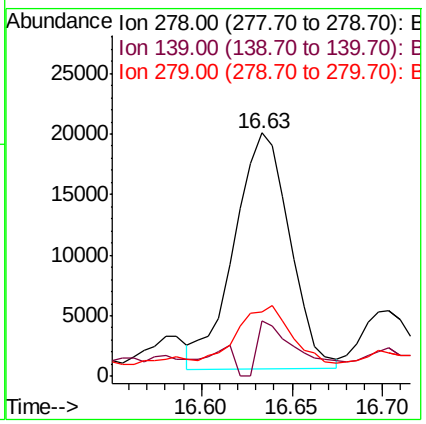


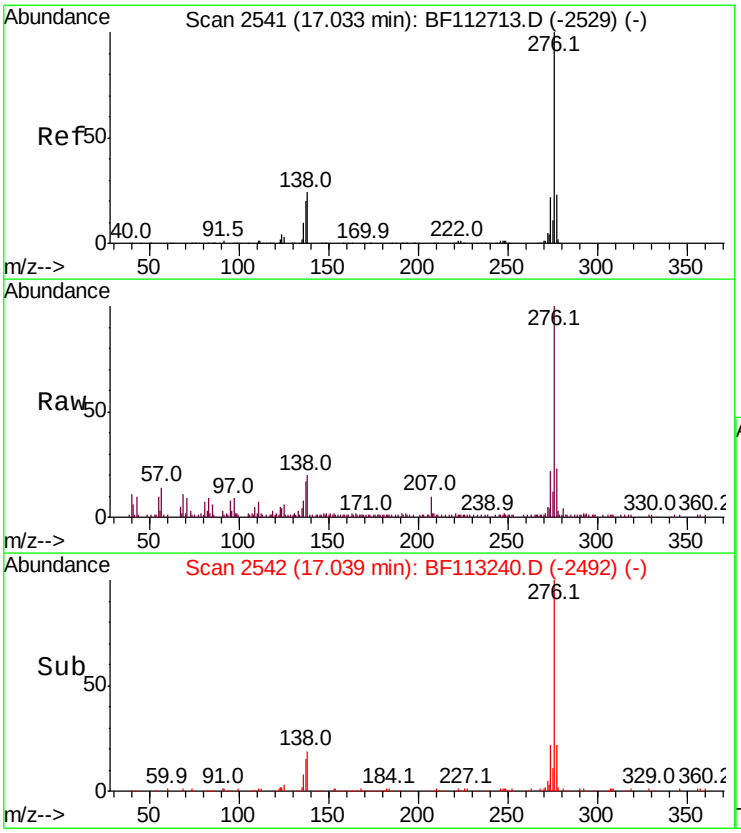
#91
Dibenzo(a,h)anthracene
Concen: 2.392 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 41679

Ion	Ratio	Lower	Upper
278	100		
139	22.7	14.3	21.5#
279	26.7	19.4	29.0





#92
Benzo(g,h,i)perylene
Concen: 7.051 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF113240.D
Acq: 22 Mar 2019 17:51

Tgt Ion:276 Resp: 123354

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	27.8
138	19.9	19.4	29.0