Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114050.D
Acq On : 30 Apr 2019 18:49
Operator : JU/SJ
Sample : K2194-17 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 30 23:04:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	111031	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	455591	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	183996	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	339517	20.00	ng		0.00
76) Chrysene-d12	14.06	240	267859	20.00	ng		-0.01
87) Perylene-d12	15.54	264	193621	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	331671	51.09	ng		0.00
7) Phenol-d6	6.52	99	361721	44.41	ng		0.00
23) Nitrobenzene-d5	7.45	82	187130	25.36	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	90249	40.26	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	439007	37.32	ng		-0.01
79) Terphenyl-d14	13.00	244	519643	39.77	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.66	77	6302	Below Cal			93
19) n-Nitroso-di-n-propylamine	7.45	70	25076	4.754	ng	#	80
25) Isophorone	7.45	82	187129	12.394	ng	#	65
50) Dimethylphthalate	9.64	163	59156	4.446	ng		98
57) 2,4-Dinitrotoluene	9.93	165	25258	7.009	ng	#	30
65) 4,6-Dinitro-2-methylphenol	10.72	198	142	7.385	ng	#	1
71) Phenanthrene	11.44	178	58945	3.455	ng		98
75) Fluoranthene	12.63	202	117625	6.319	ng		98
78) Pyrene	12.86	202	121940	6.510	ng		99
81) Benzo(a)anthracene	14.04	228	51928	3.290	ng	#	91
83) Chrysene	14.04	228	51928	3.379	ng		96
88) Benzo(b)fluoranthene	15.10	252	55334	4.517	ng	#	63
89) Benzo(k)fluoranthene	15.10	252	55334	5.251	ng	#	65
90) Benzo(a)pyrene	15.47	252	28625	2.702	ng	#	63

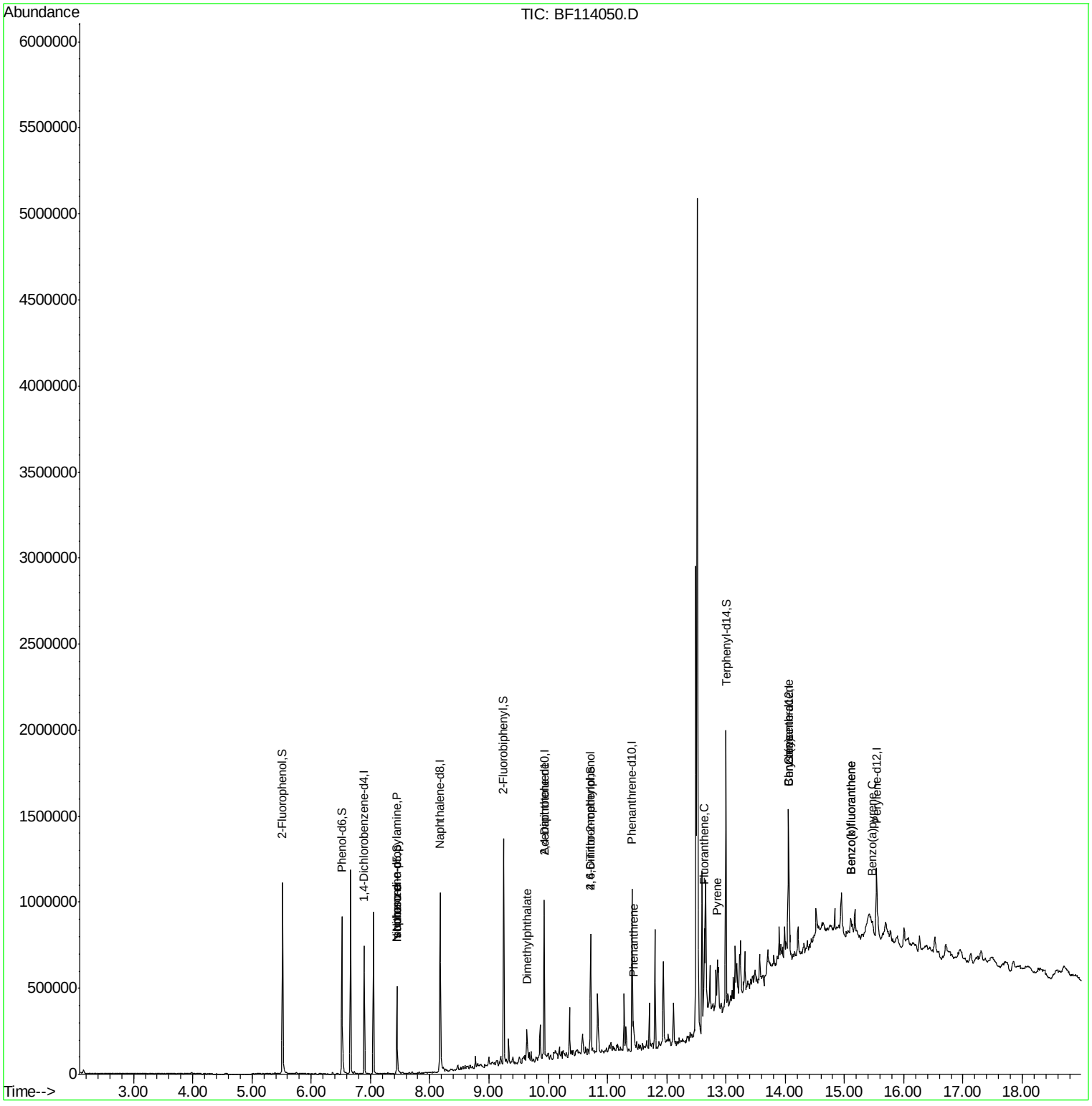
(#) = qualifier out of range (m) = manual integration (+) = signals summed

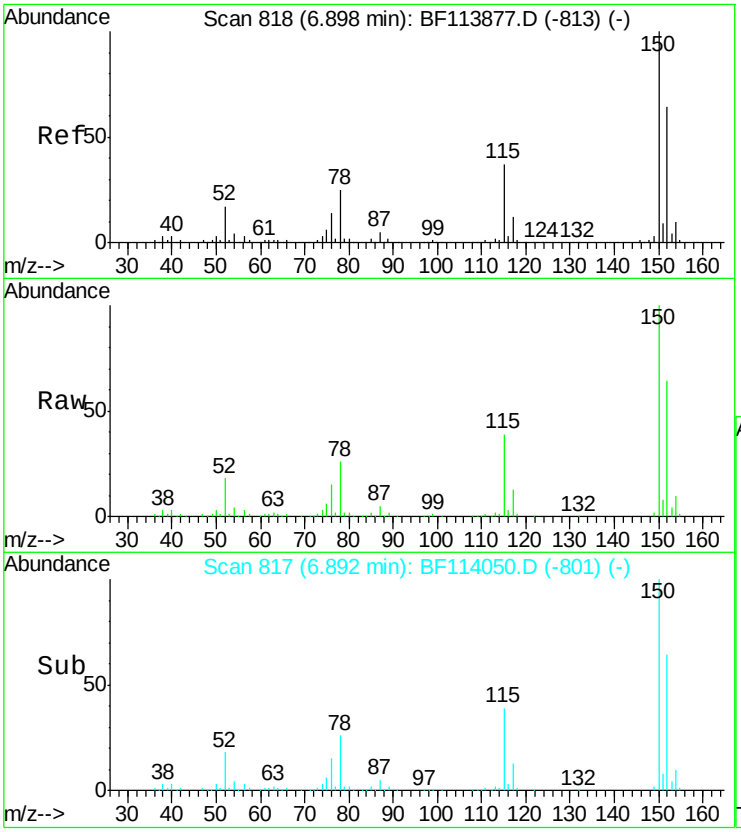
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114050.D
Acq On : 30 Apr 2019 18:49
Operator : JU/SJ
Sample : K2194-17 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 30 23:04:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration



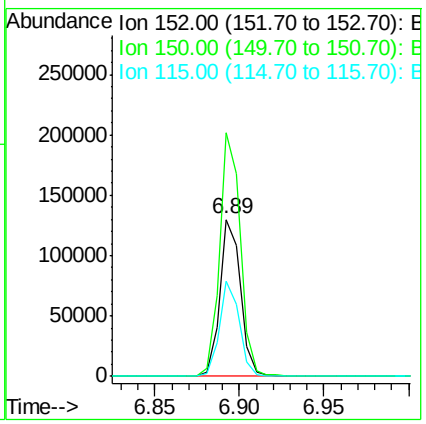


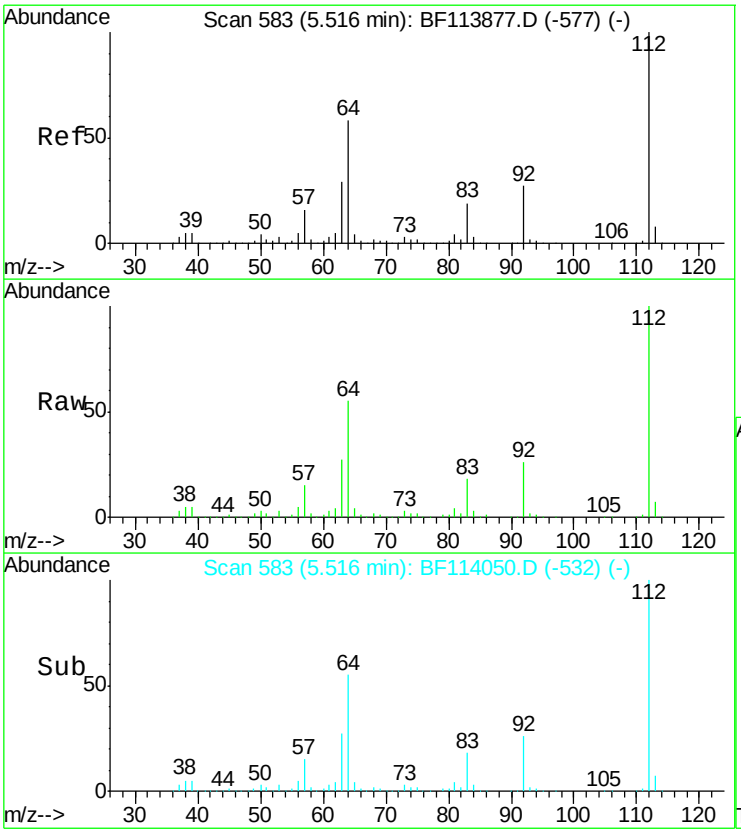
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111031

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.9	188.9
115	60.3	45.9	68.9

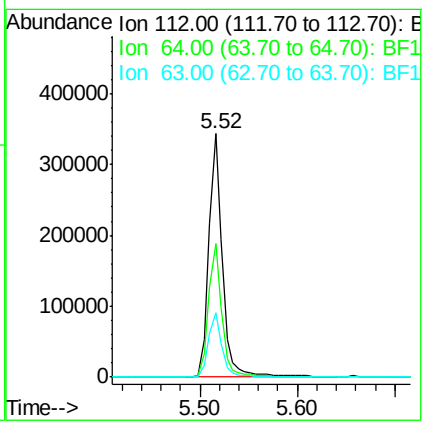


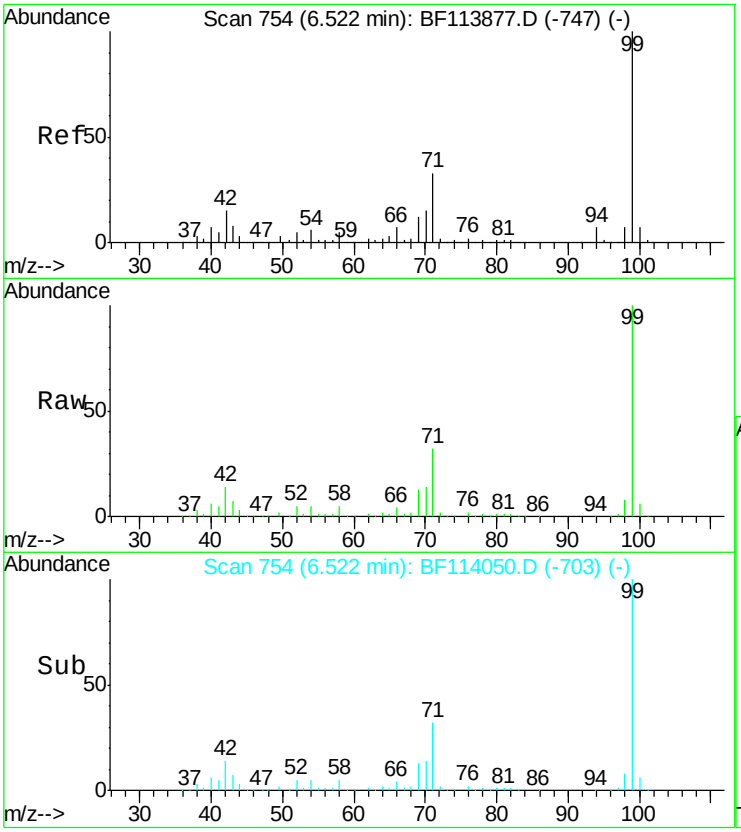


#5
2-Fluorophenol
Concen: 51.092 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion:112 Resp: 331671

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.6	69.8
63	26.6	23.1	34.7



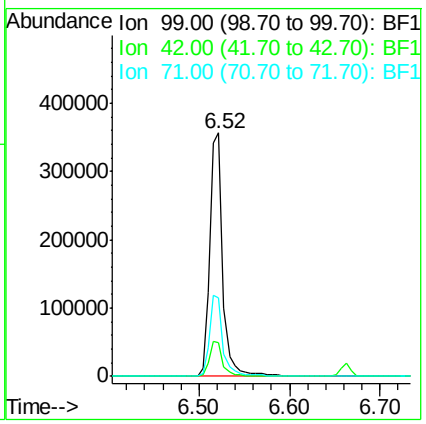


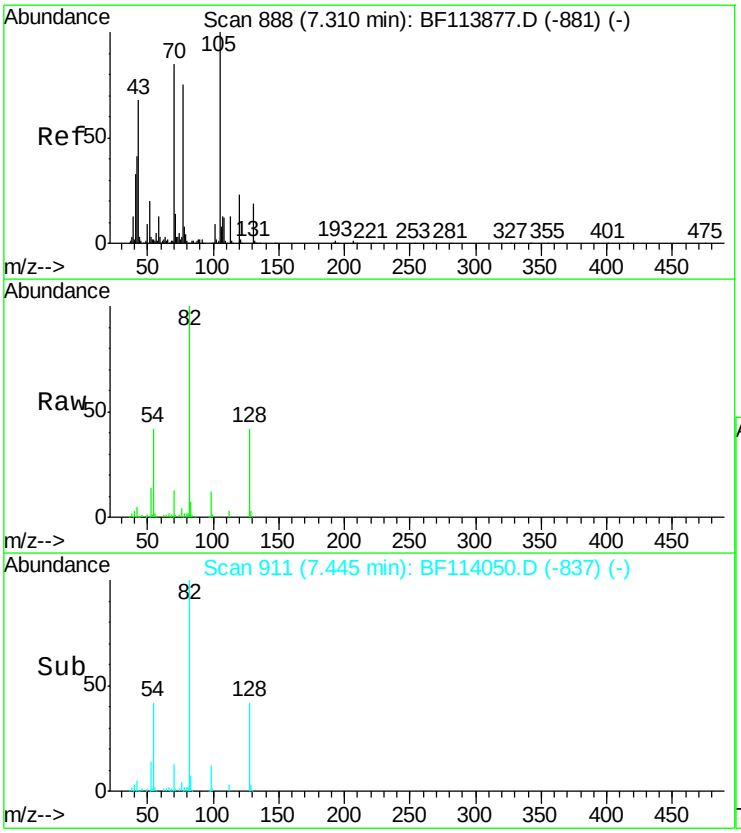
#7
Phenol-d6
Concen: 44.412 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 361721

Ion	Ratio	Lower	Upper
99	100		
42	13.8	12.5	18.7
71	32.2	26.9	40.3

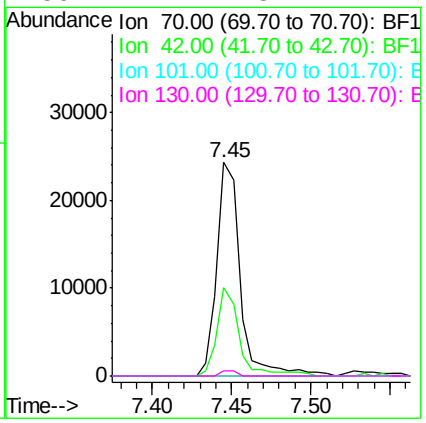


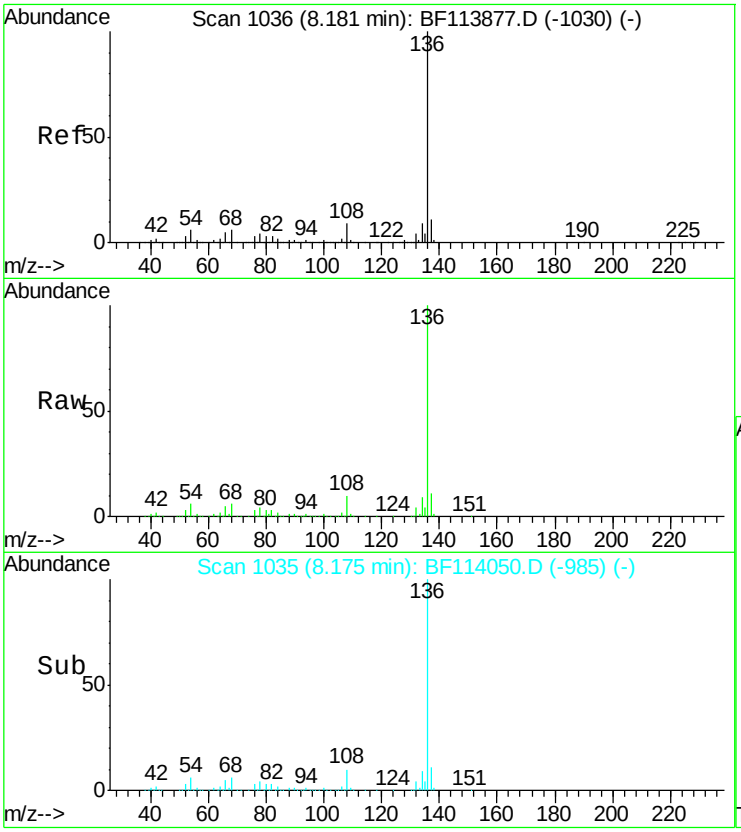


#19
n-Nitroso-di-n-propylamine
Concen: 4.754 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion: 70 Resp: 25076

Ion	Ratio	Lower	Upper
70	100		
42	41.3	37.3	55.9
101	0.0	7.8	11.8#
130	2.4	18.2	27.2#



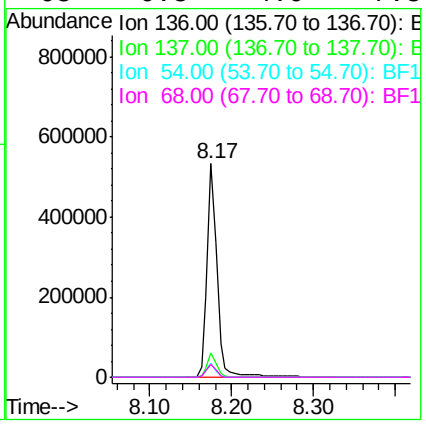


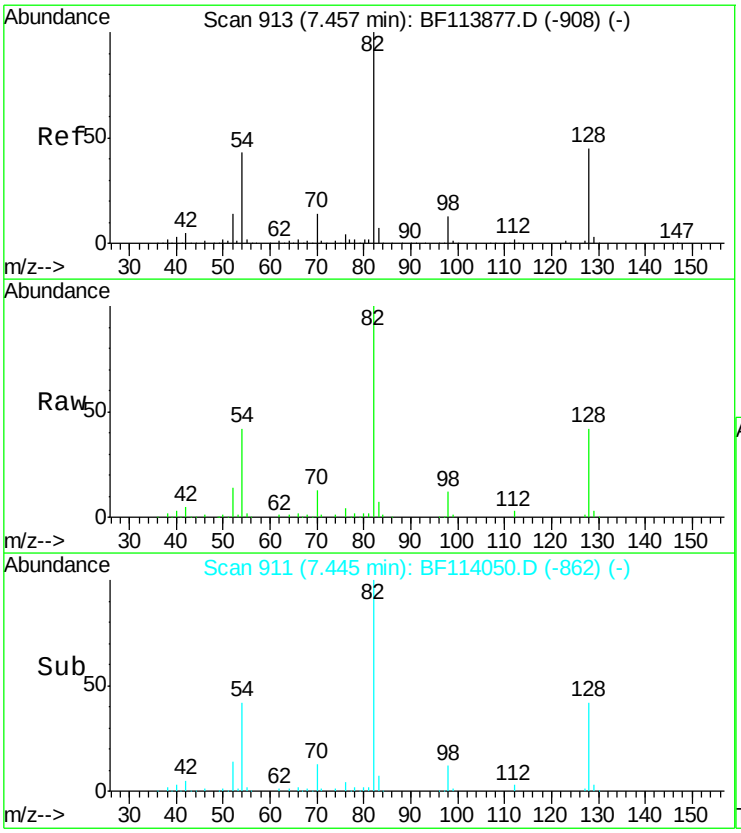
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 455591

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	6.4	5.0	7.6
68	6.3	4.9	7.3

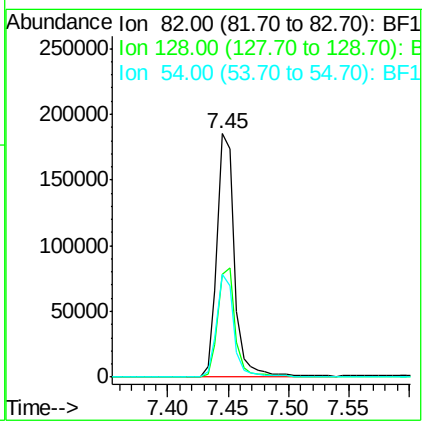


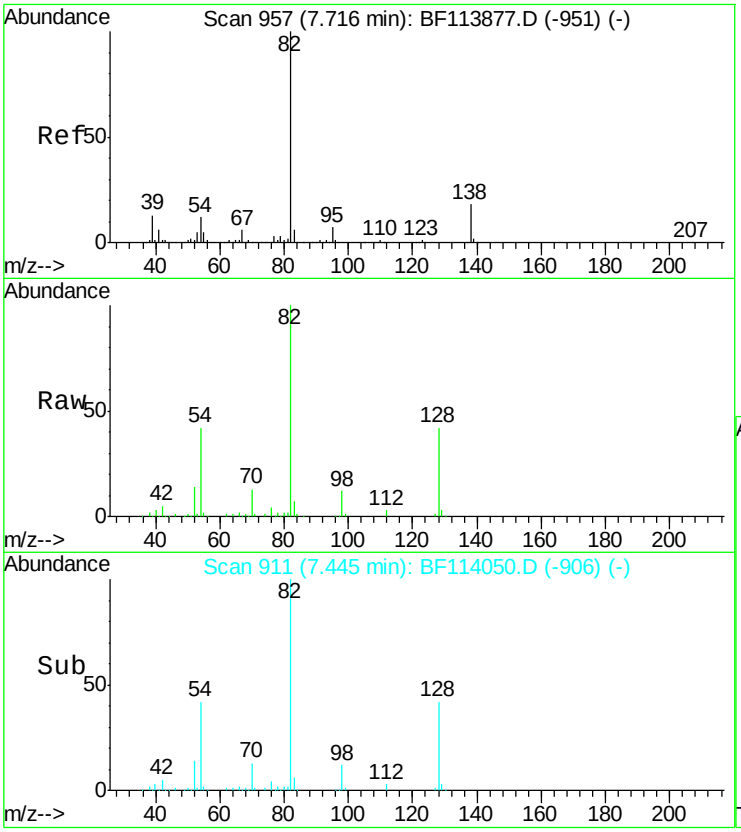


#23
Nitrobenzene-d5
Concen: 25.361 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion: 82 Resp: 187130

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.8	55.2
54	42.3	33.8	50.6



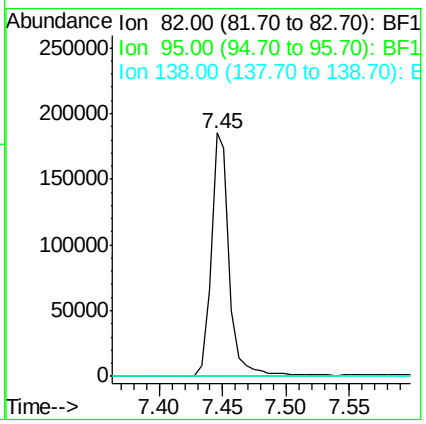


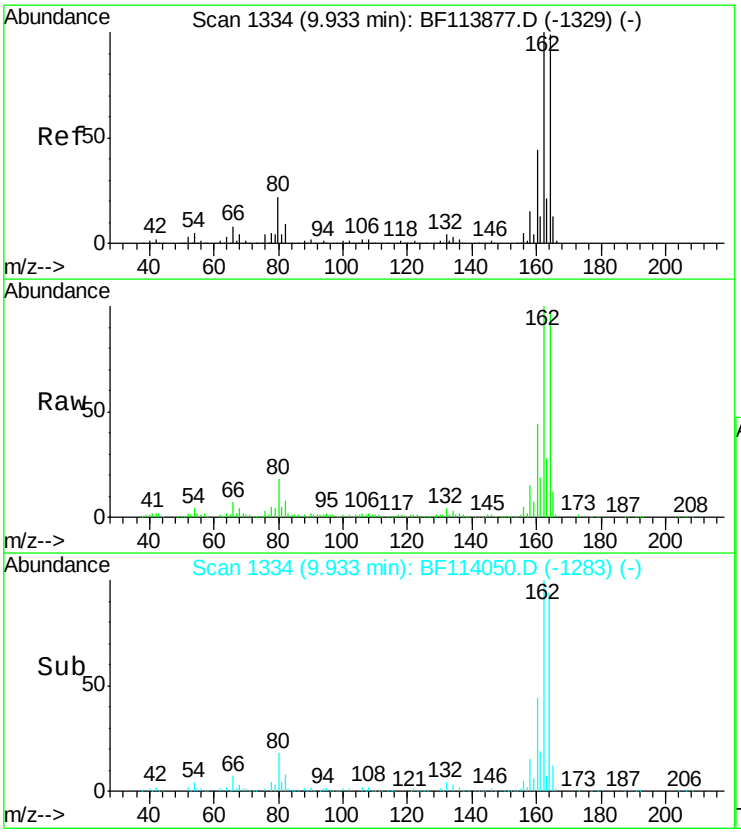
#25
Isophorone
Concen: 12.394 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 187129

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#

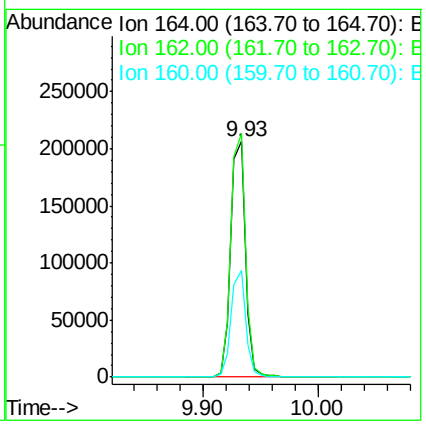


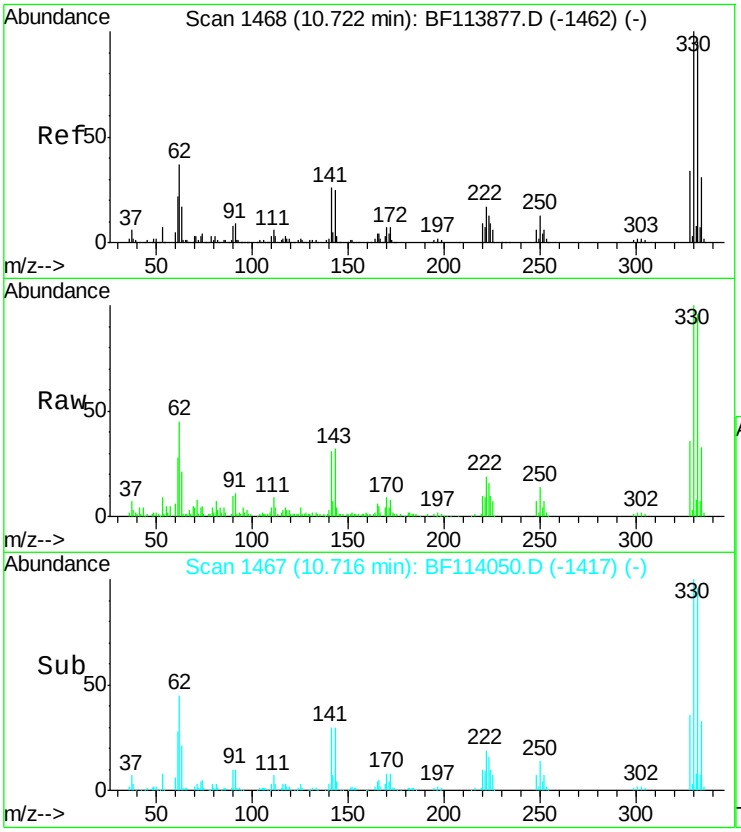


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion:164 Resp: 183996

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.1	121.7
160	45.0	35.8	53.6



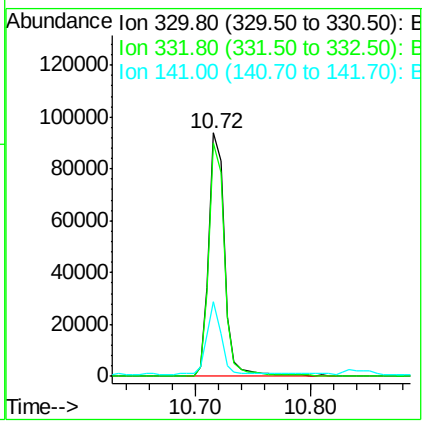


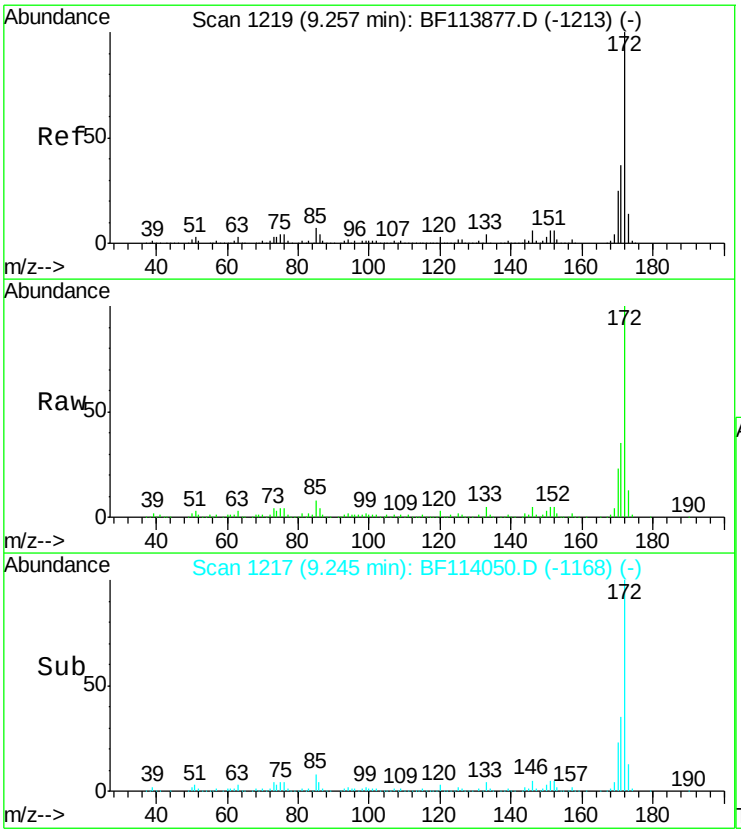
#42
2,4,6-Tribromophenol
Concen: 40.264 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 90249

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.5	116.3
141	27.0	22.2	33.2

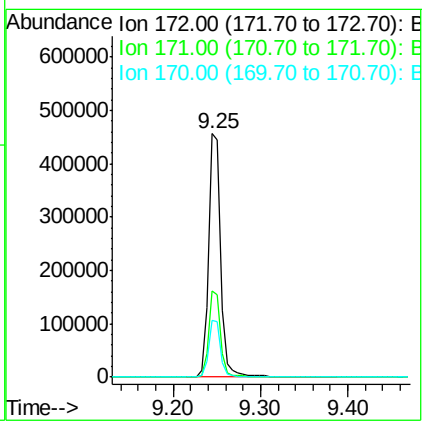


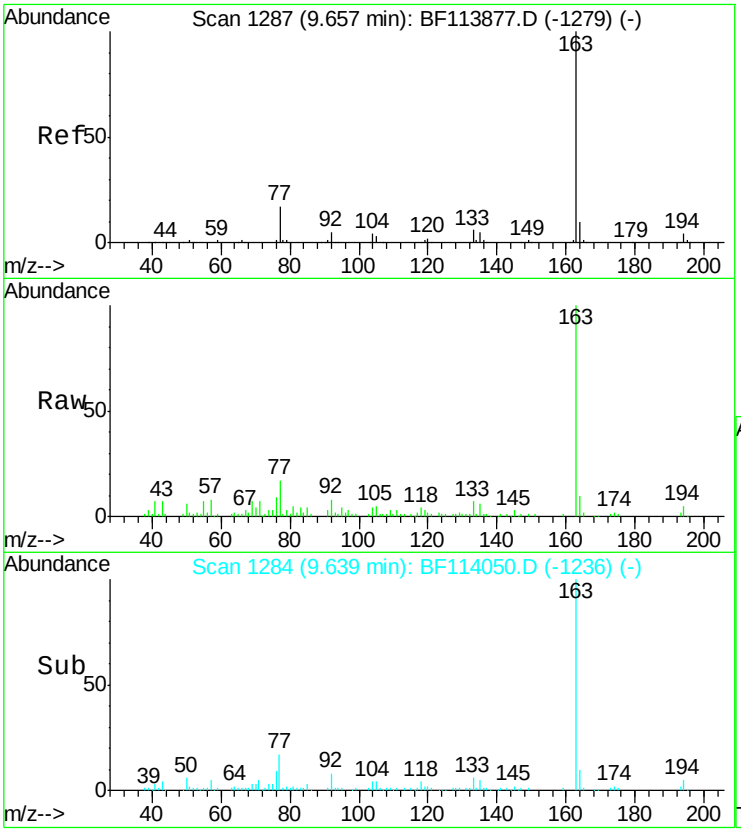


#45
2-Fluorobiphenyl
Concen: 37.317 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion:172 Resp: 439007

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	23.5	19.9	29.9



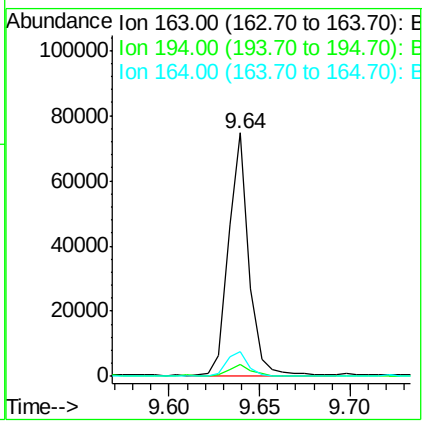


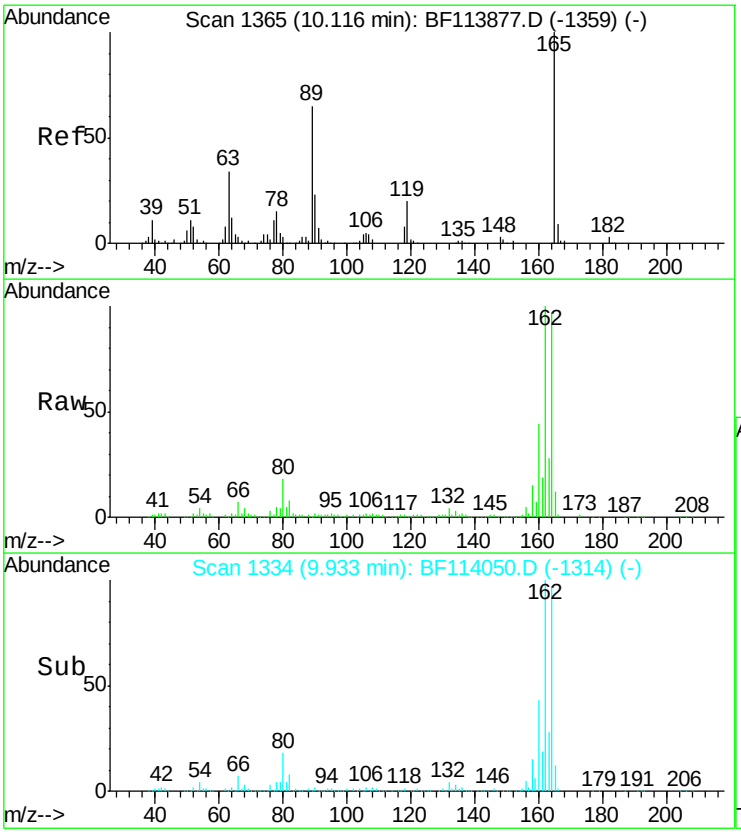
#50
Dimethylphthalate
Concen: 4.446 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 59156

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	10.0	8.5	12.7

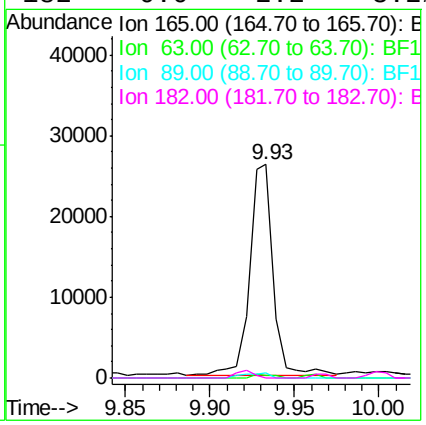


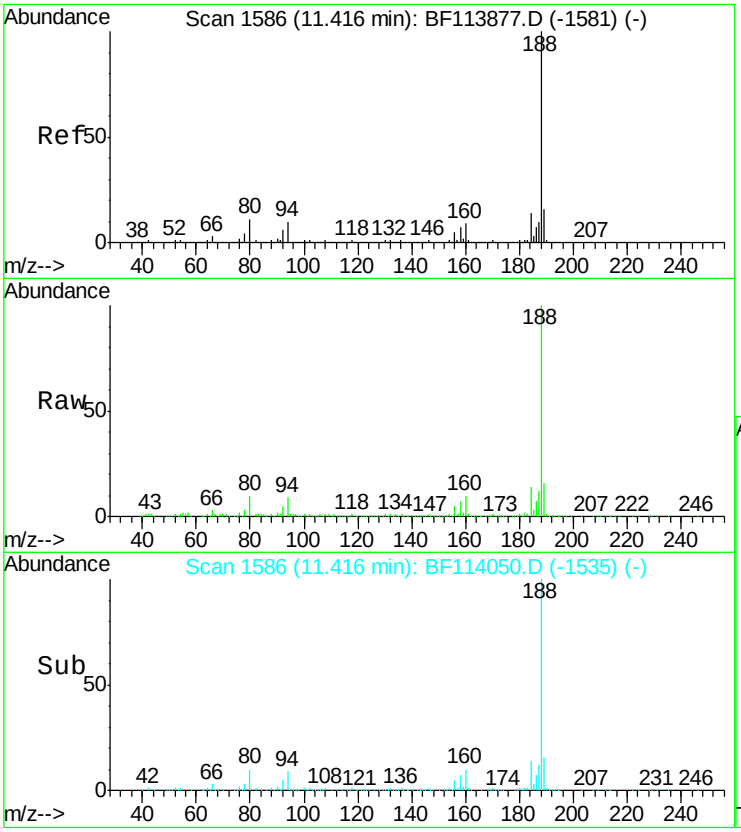


#57
2,4-Dinitrotoluene
Concen: 7.009 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion:165 Resp: 25258

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.4	41.0#
89	2.2	51.8	77.6#
182	0.0	2.2	3.2#



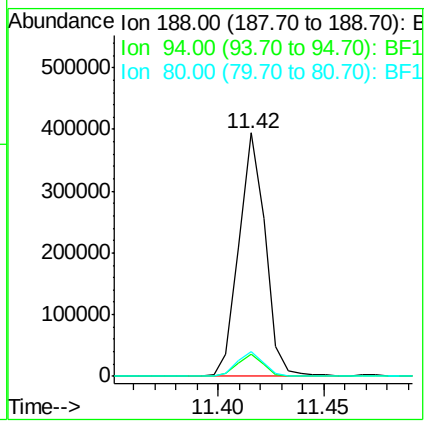


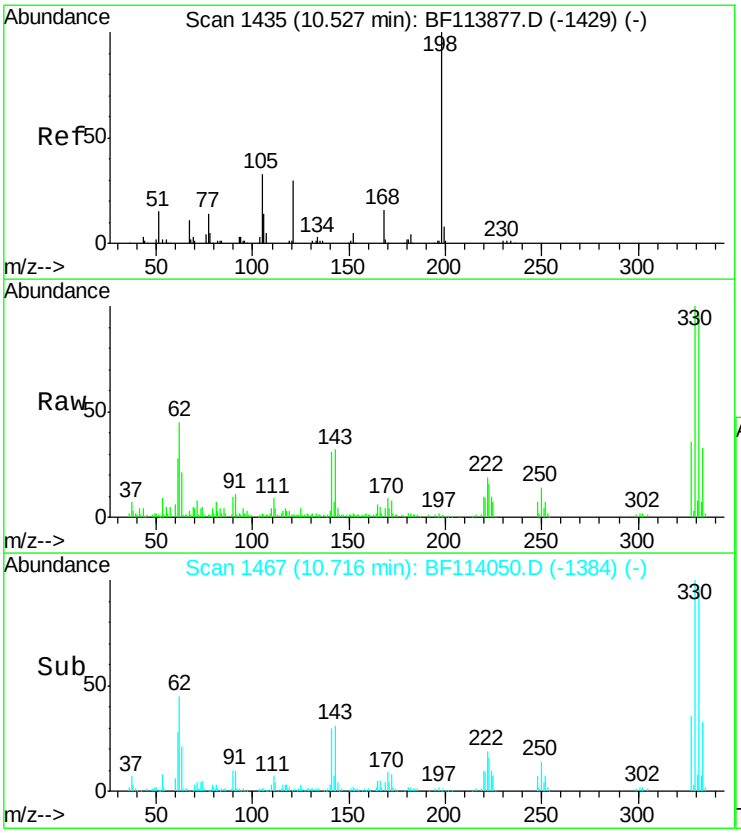
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 339517

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.4
80	10.4	9.0	13.6

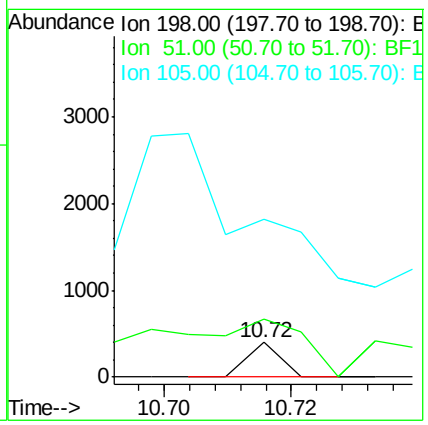


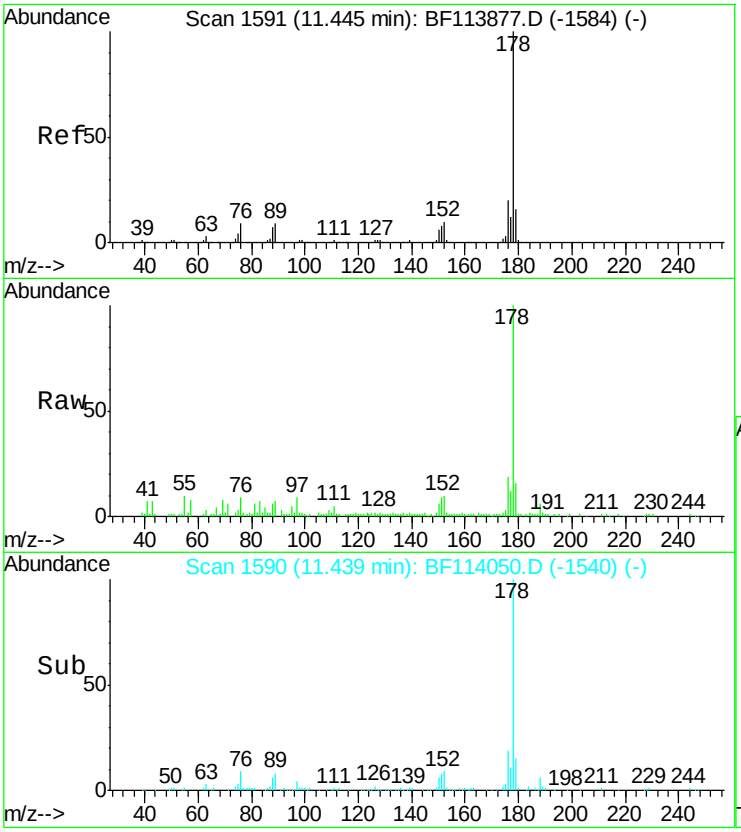


#65
4,6-Dinitro-2-methylphenol
Concen: 7.385 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion:198 Resp: 142

Ion	Ratio	Lower	Upper
198	100		
51	165.9	11.1	51.1#
105	452.7	20.7	60.7#



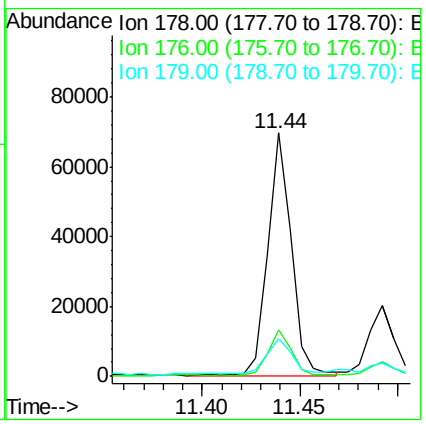


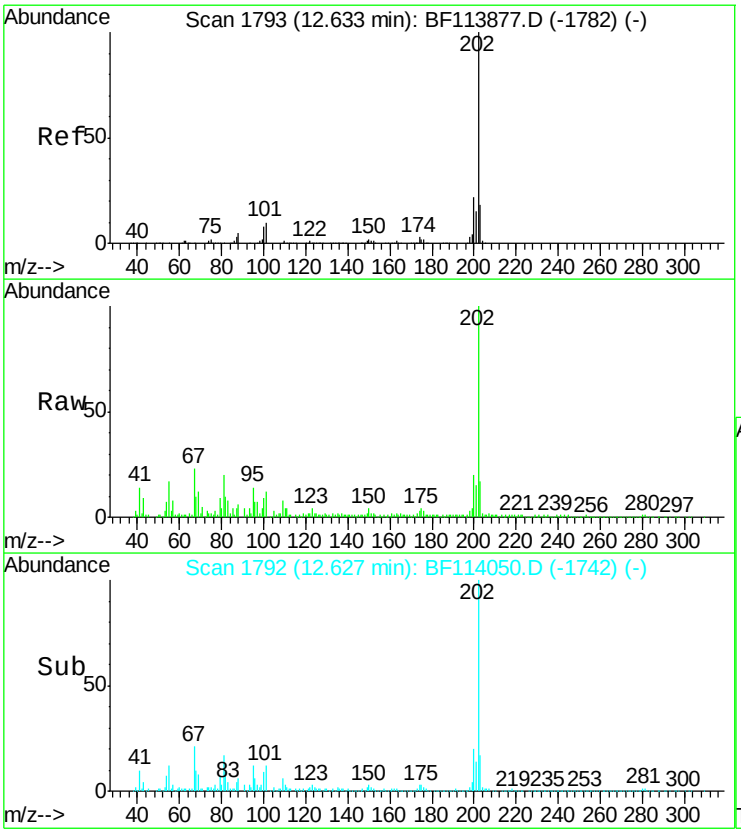
#71
Phenanthrene
Concen: 3.455 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 58945

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.1	24.1
179	15.5	12.8	19.2

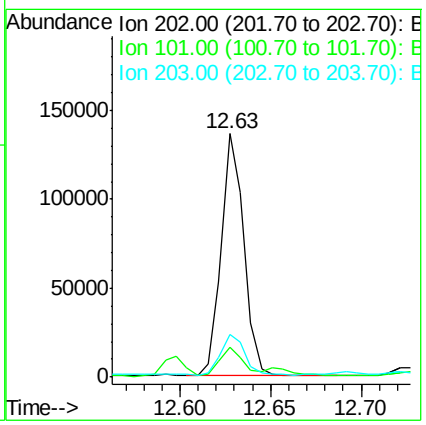


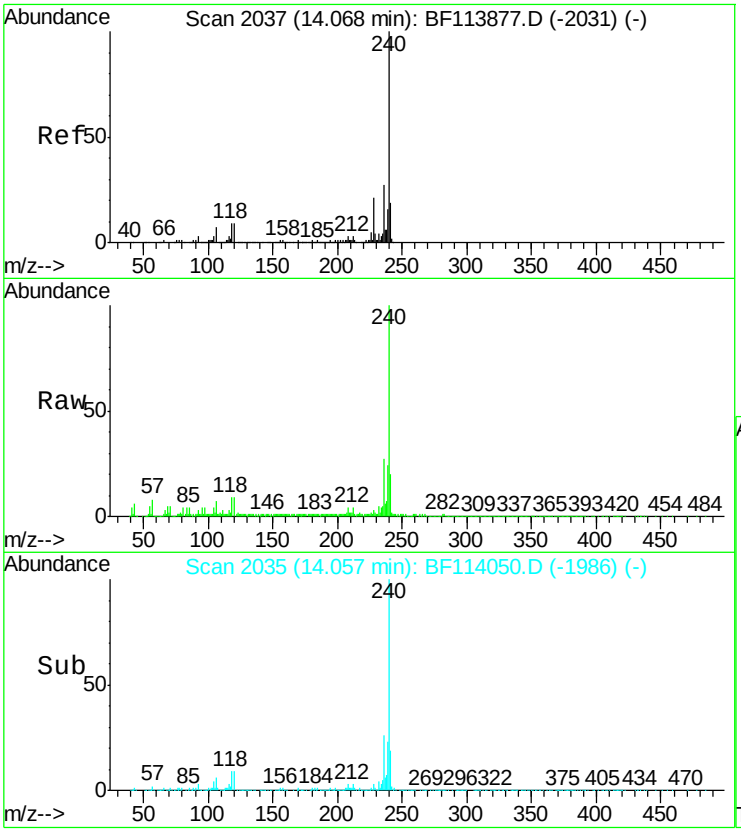


#75
Fluoranthene
Concen: 6.319 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion:202 Resp: 117625

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.9
203	17.3	0.0	38.2



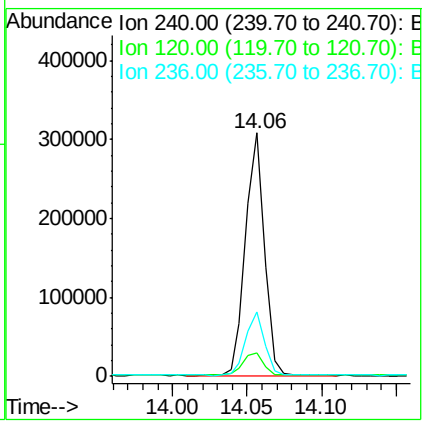


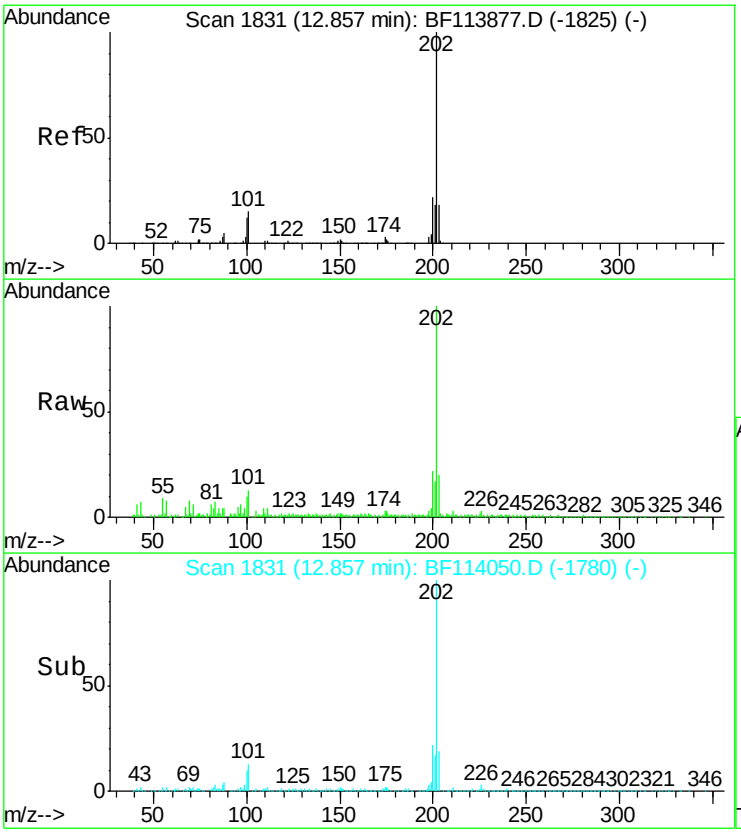
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 267859

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.3	13.9
236	26.5	21.2	31.8

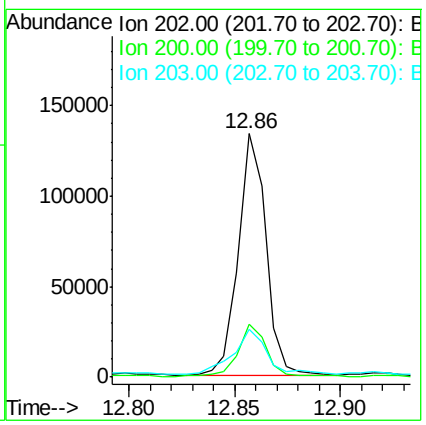


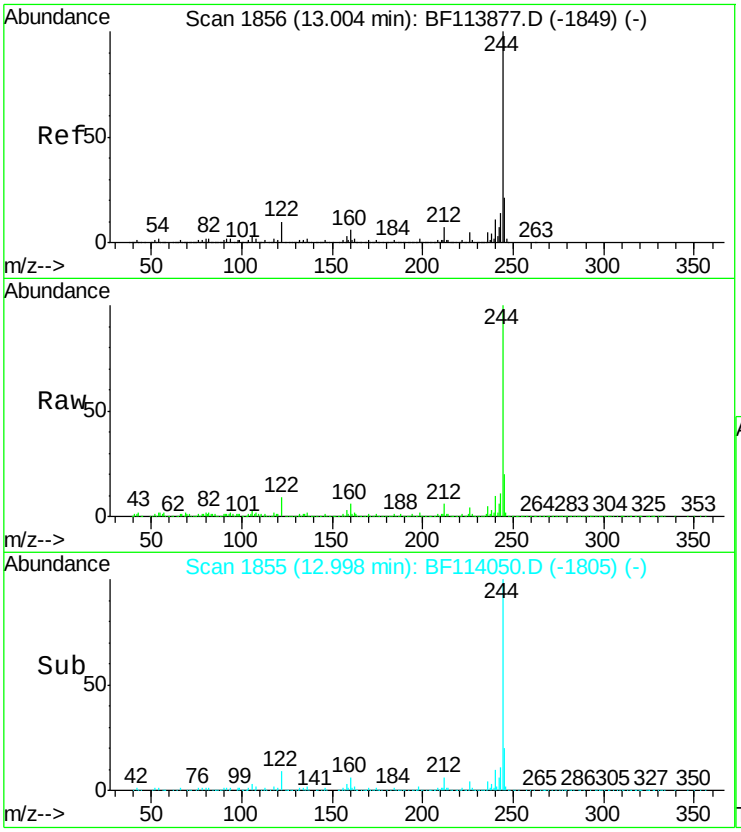


#78
Pyrene
Concen: 6.510 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion:202 Resp: 121940

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	19.7	15.0	22.6



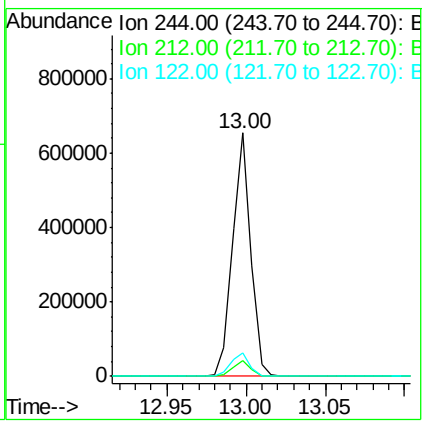


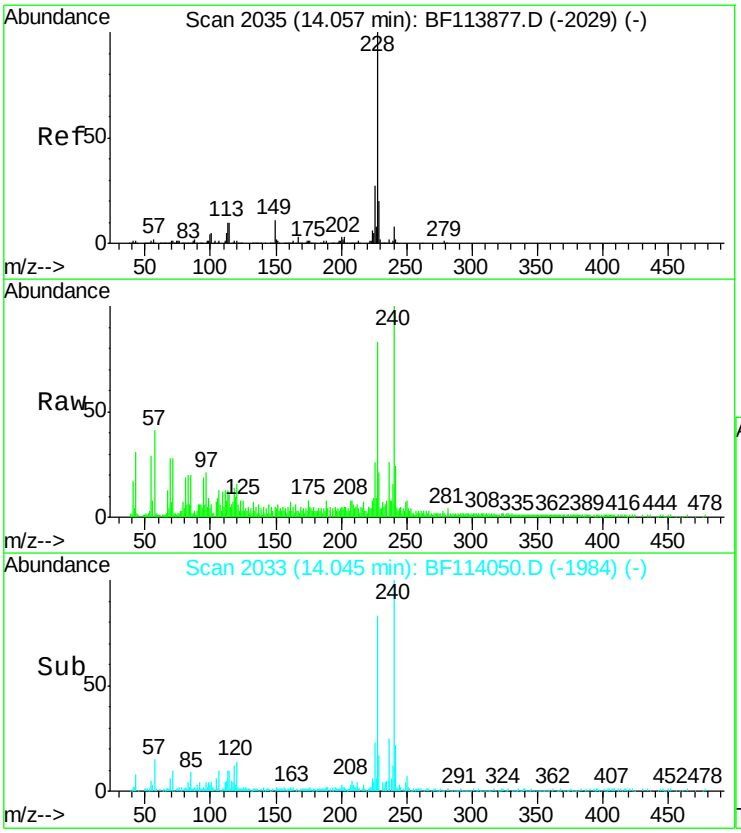
#79
Terphenyl-d14
Concen: 39.772 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 519643

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	9.5	7.6	11.4

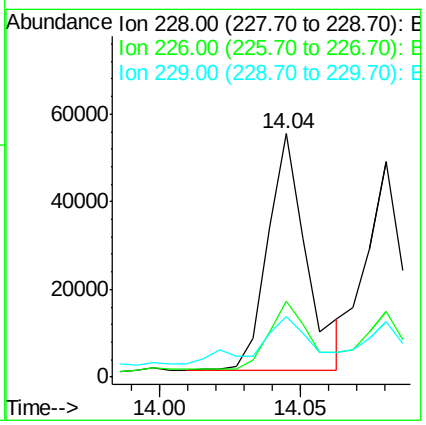


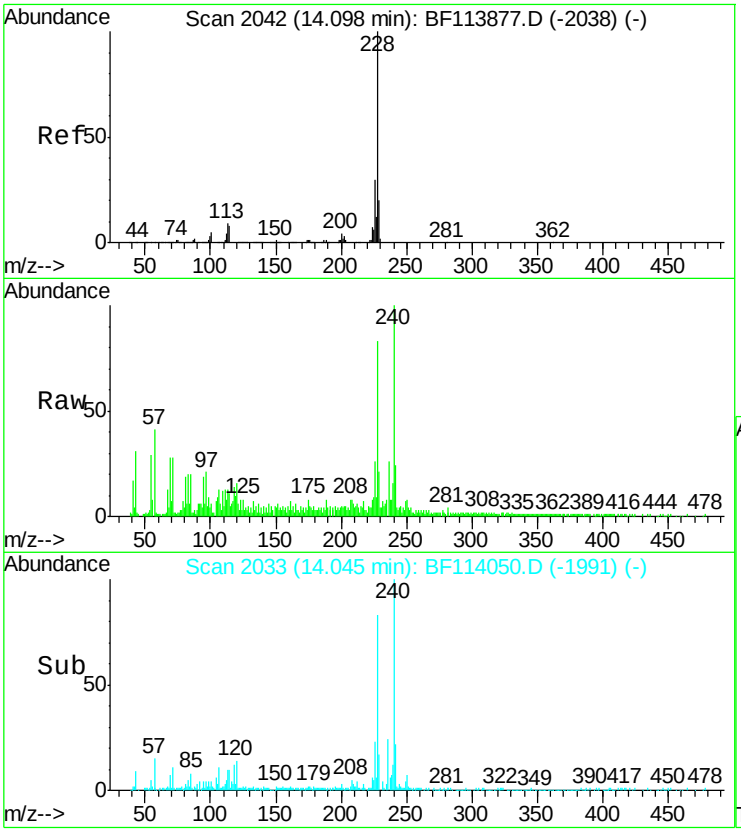


#81
Benzo(a)anthracene
Concen: 3.290 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion:228 Resp: 51928

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.2	33.2
229	25.0	16.0	24.0#



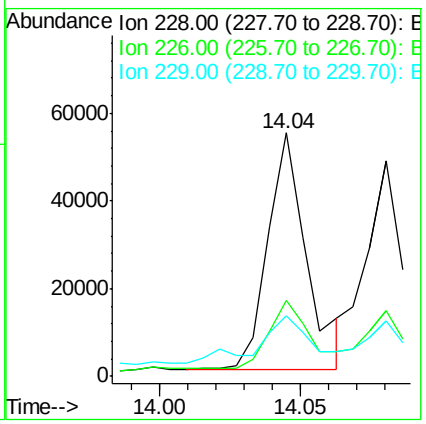


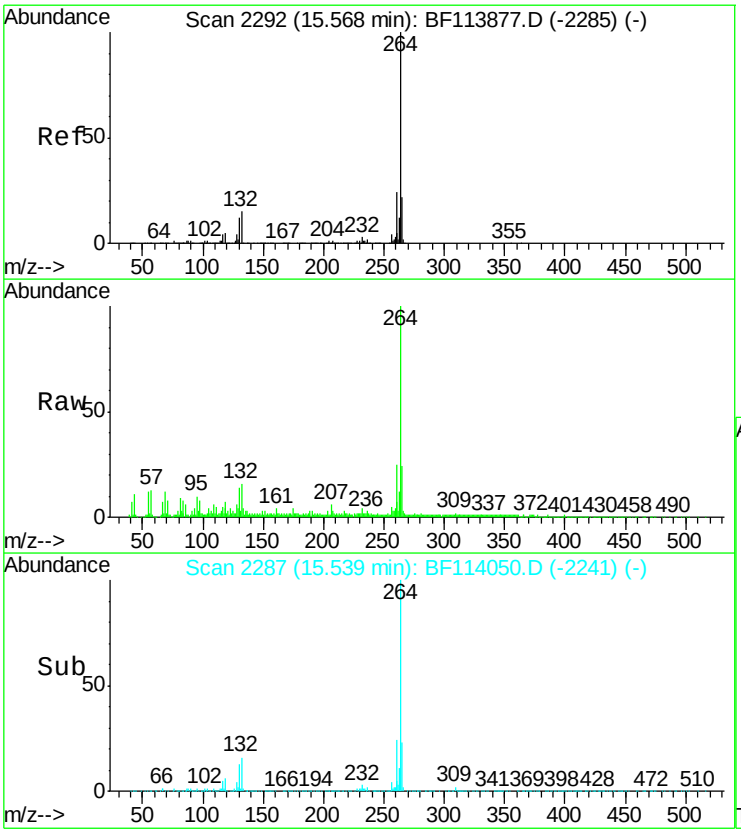
#83
Chrysene
Concen: 3.379 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.05 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 51928

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	25.0	16.7	25.1

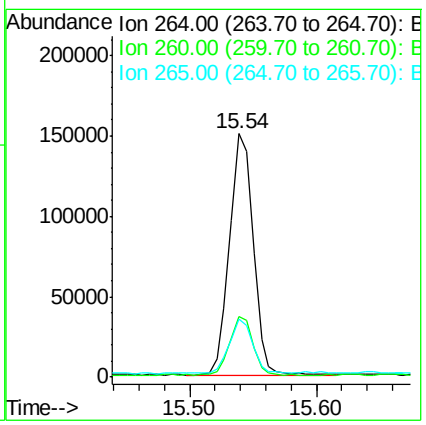


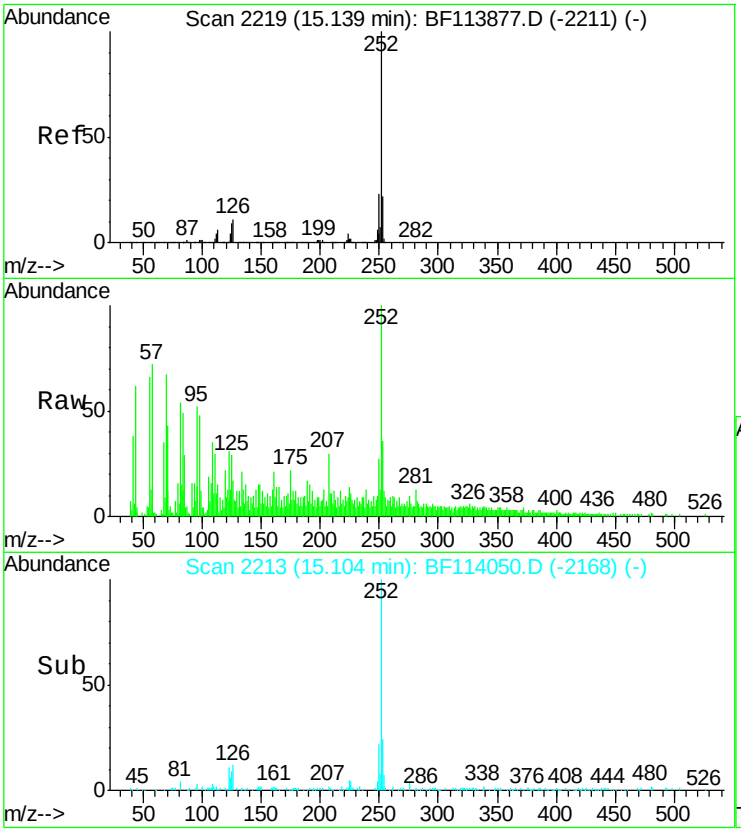


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion:264 Resp: 193621

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.9	28.3
265	23.9	17.3	25.9



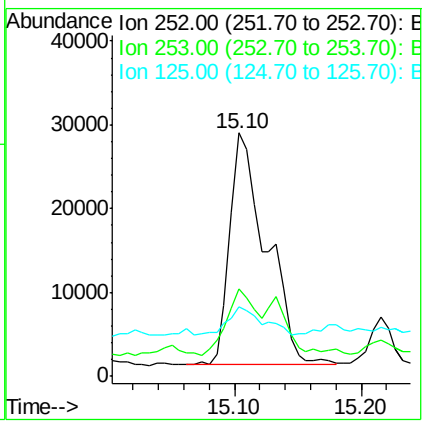


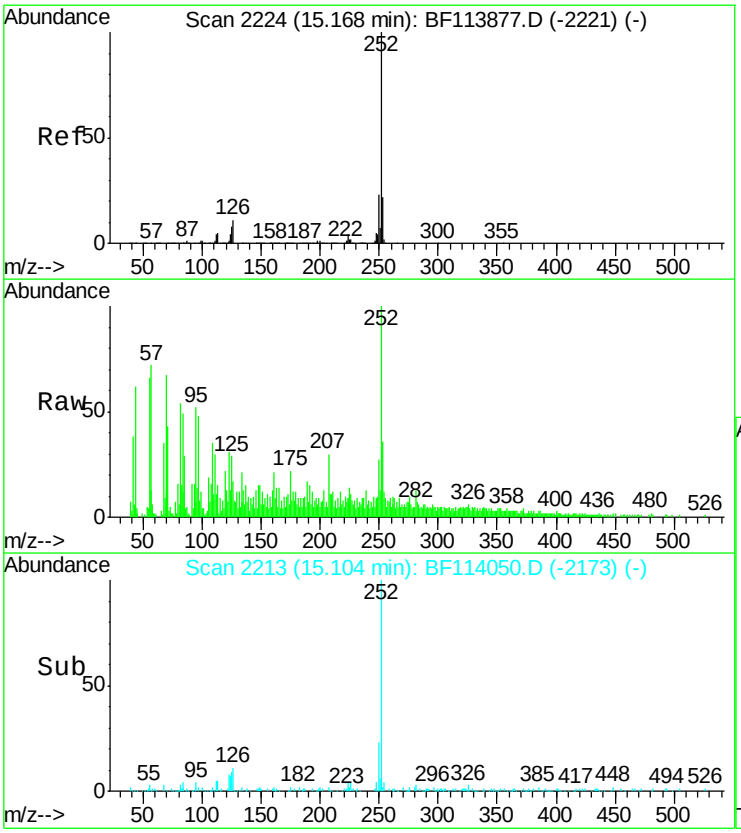
#88
Benzo(b)fluoranthene
Concen: 4.517 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55334

Ion	Ratio	Lower	Upper
252	100		
253	36.2	17.8	26.6#
125	28.7	7.0	10.6#

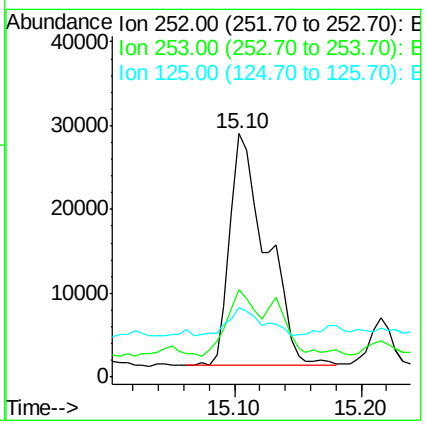


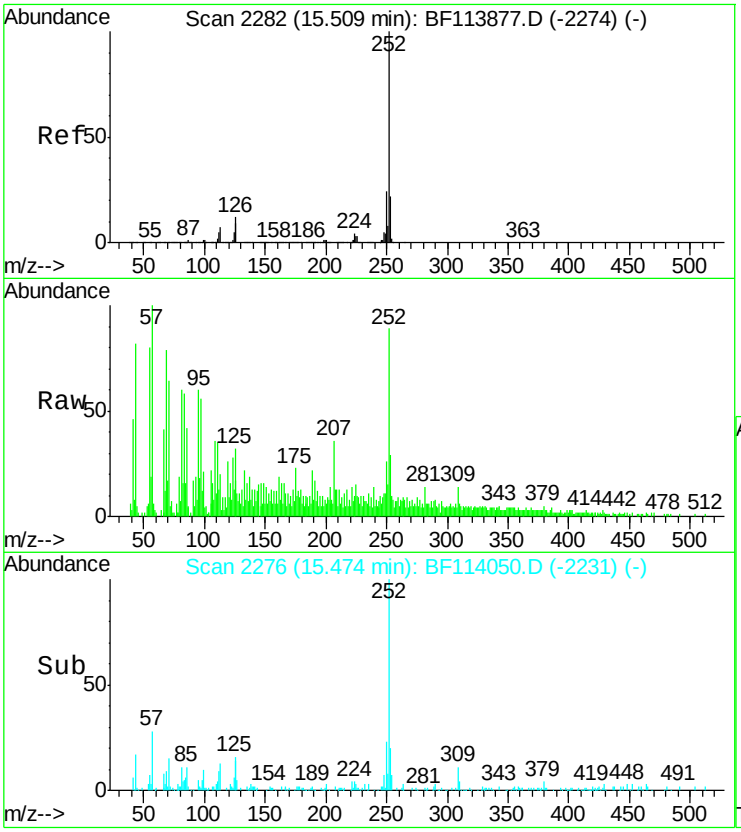


#89
Benzo(k)fluoranthene
Concen: 5.251 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.06 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Tgt Ion:252 Resp: 55334

Ion	Ratio	Lower	Upper
252	100		
253	36.2	18.2	27.2#
125	28.7	7.4	11.2#





#90
Benzo(a)pyrene
Concen: 2.702 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.04 min
Lab File: BF114050.D
Acq: 30 Apr 2019 18:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 28625

Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.5	26.3#
125	35.3	8.5	12.7#