Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
Data File : BF117713.D
Acq On : 7 Nov 2019 19:07
Operator : JU
Sample : K5723-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-C

Quant Time: Nov 08 01:25:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	284085	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	1106685	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	572400	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1044307	20.00	ng		0.00
76) Chrysene-d12	14.12	240	703679	20.00	ng		-0.01
87) Perylene-d12	15.63	264	791995	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1316420	83.88	ng		0.00
7) Phenol-d6	6.55	99	1658928	85.73	ng		-0.01
23) Nitrobenzene-d5	7.49	82	963978	51.43	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	432572	77.25	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	1754335	60.47	ng		0.00
79) Terphenyl-d14	13.06	244	1799741	52.65	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.56	94	73608	3.530	ng		98
19) n-Nitroso-di-n-propylamine	7.49	70	129818	10.203	ng	#	76
25) Isophorone	7.49	82	963049	26.862	ng	#	62
50) Dimethylphthalate	9.69	163	246996	6.383	ng		98
51) 2,6-Dinitrotoluene	9.98	165	74591	8.608	ng	#	24
57) 2,4-Dinitrotoluene	9.98	165	74591	6.711	ng	#	28
67) 4-Bromophenyl-phenylether	10.77	248	26976	2.365	ng	#	1
75) Fluoranthene	12.69	202	187486	3.668	ng		94
78) Pyrene	12.92	202	192829	3.754	ng		95
83) Chrysene	14.14	228	101944	2.357	ng		97
88) Benzo(b)fluoranthene	15.17	252	163060	3.269	ng		96
89) Benzo(k)fluoranthene	15.17	252	163060	3.665	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
Data File : BF117713.D
Acq On : 7 Nov 2019 19:07
Operator : JU
Sample : K5723-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 8-C

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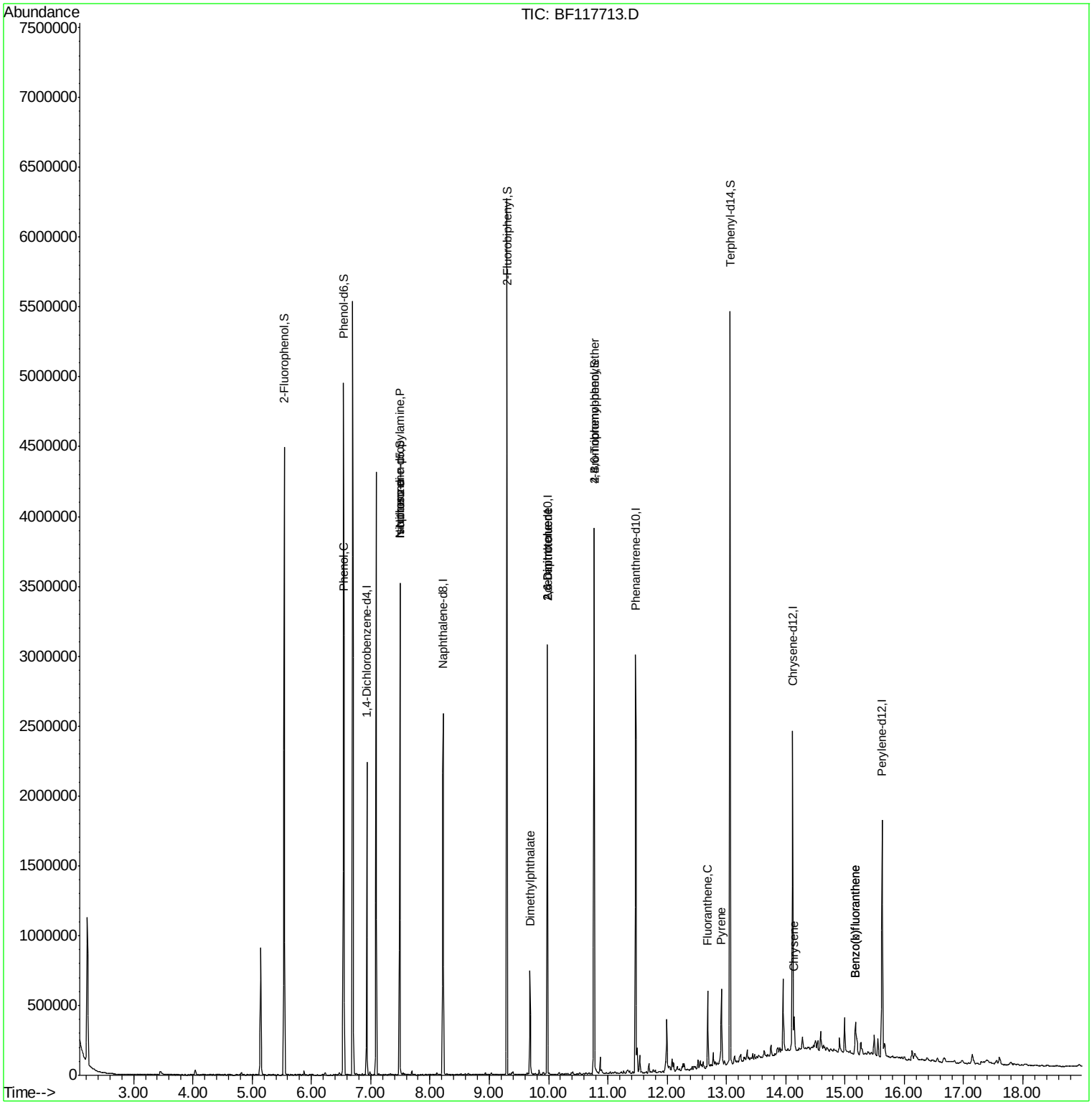
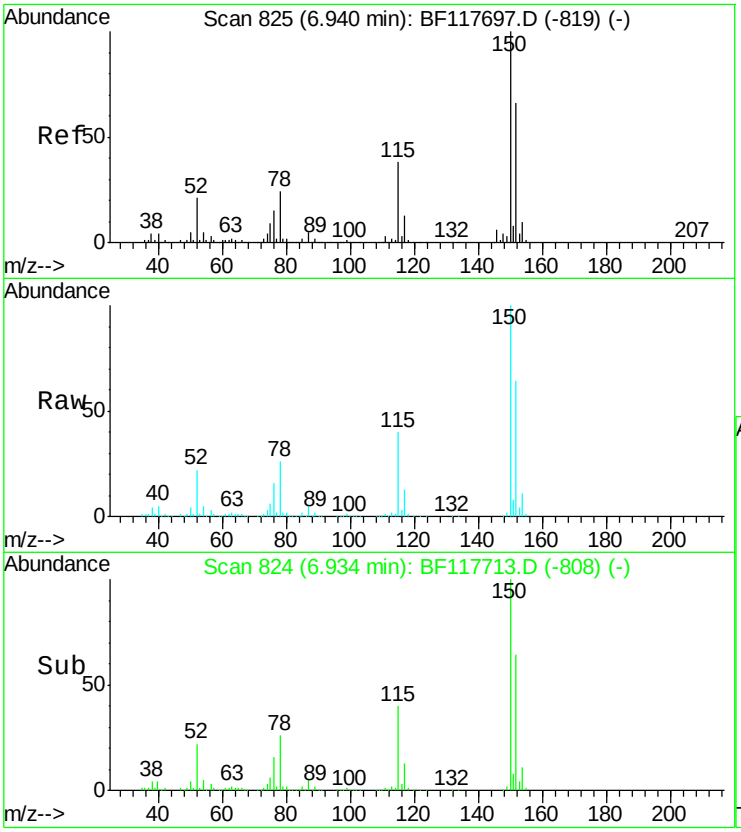
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration



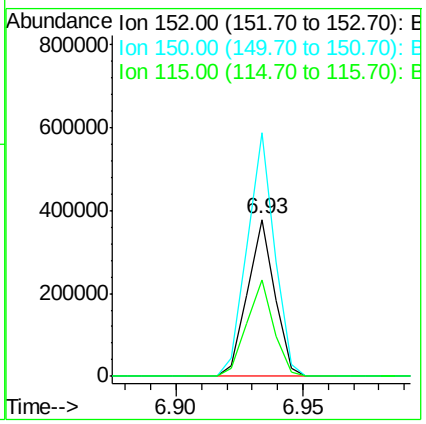


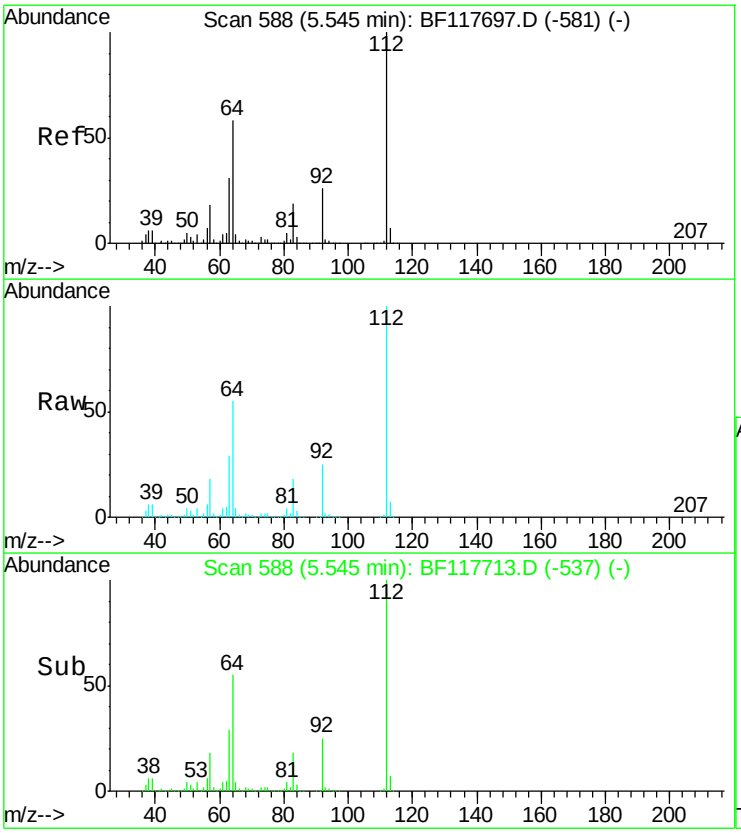
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Instrument :
BNA_F
ClientSampleId :
8-C

Tgt Ion:152 Resp: 284085

Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.4	182.2
115	61.3	46.7	70.1

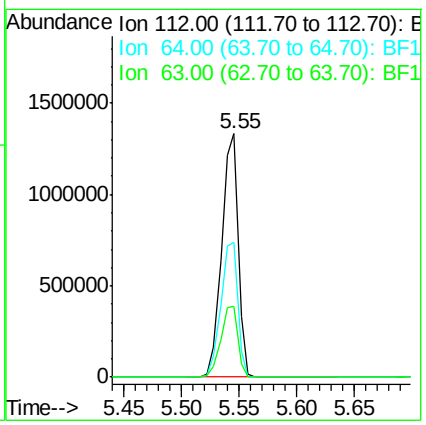


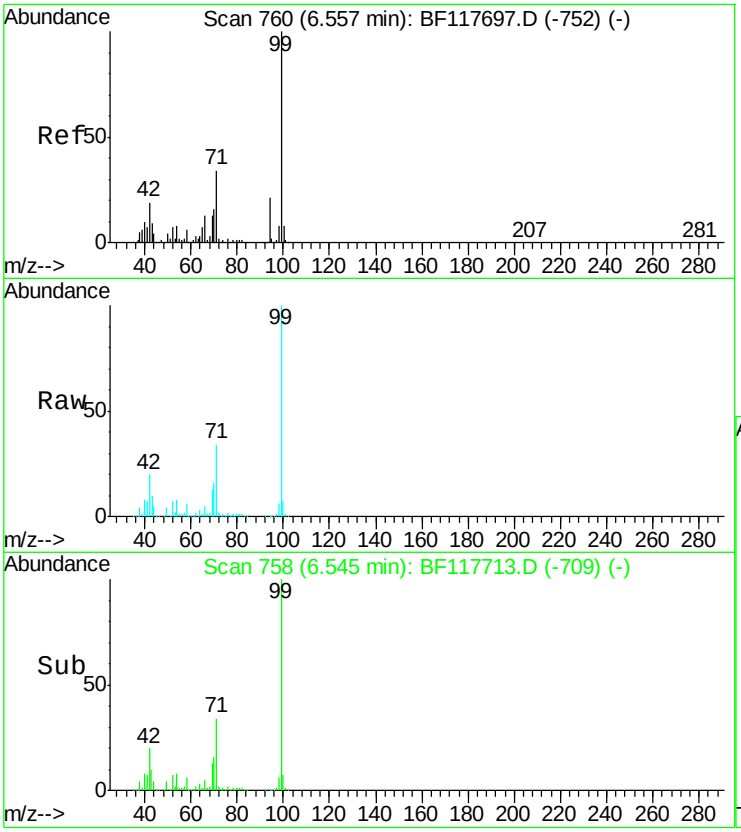


#5
2-Fluorophenol
Concen: 83.881 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion:112 Resp: 1316420

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.4	69.6
63	29.2	24.6	37.0



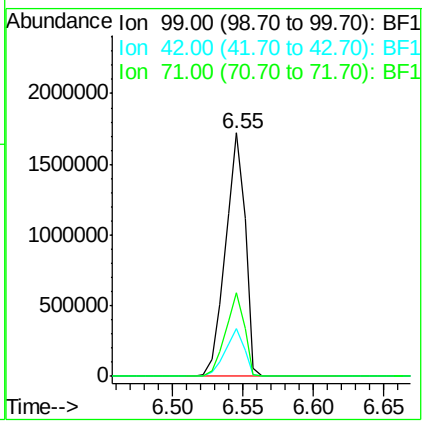


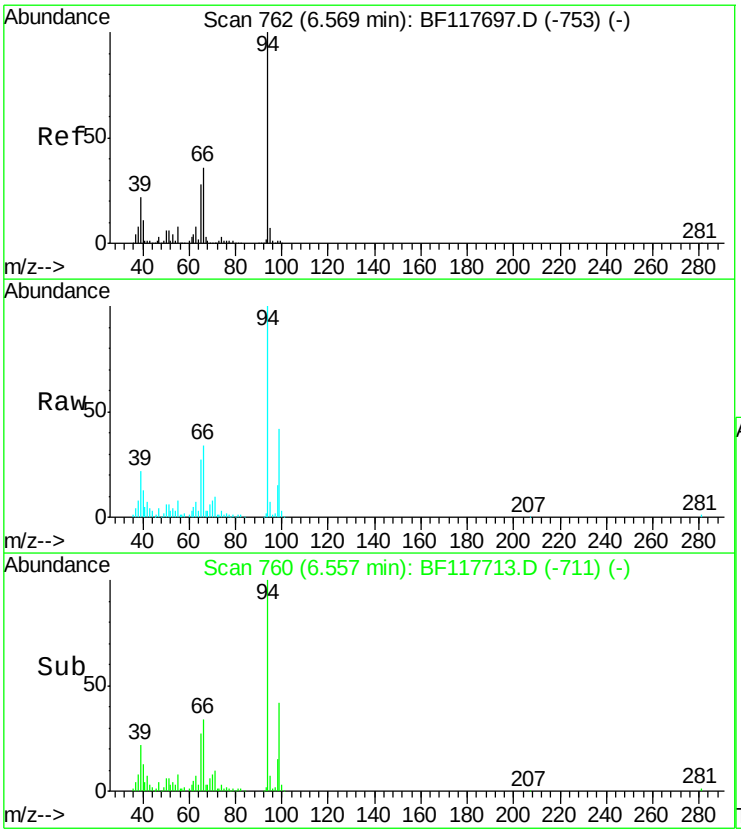
#7
Phenol-d6
Concen: 85.728 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Instrument :
BNA_F
ClientSampleId :
8-C

Tgt Ion: 99 Resp: 1658928

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.3	22.9
71	34.4	26.8	40.2

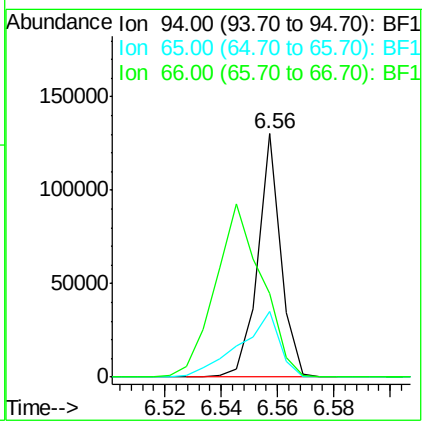


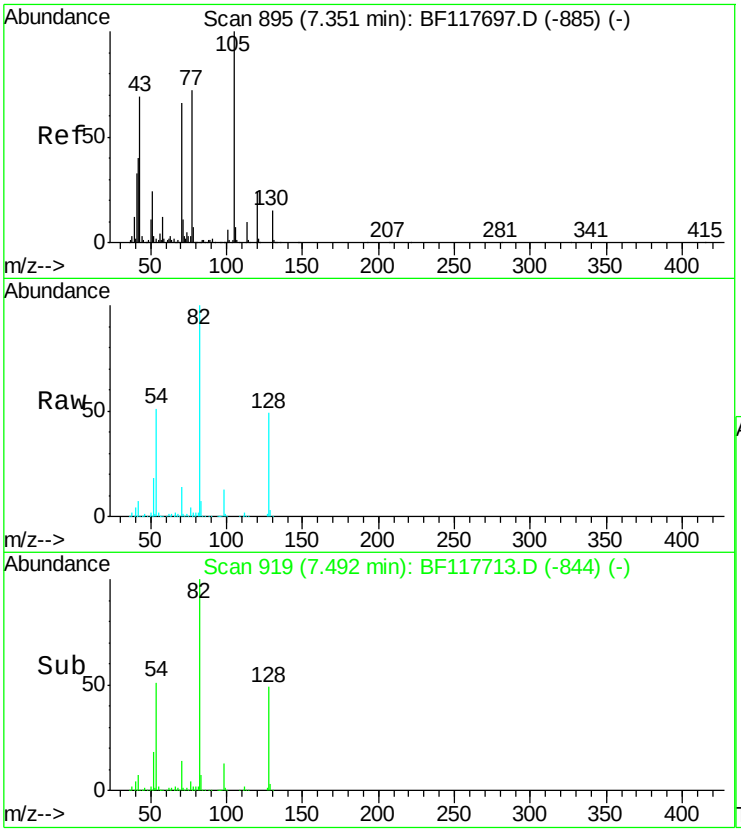


#10
Phenol
Concen: 3.530 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion: 94 Resp: 73608

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.6	47.6
66	34.2	16.1	56.1



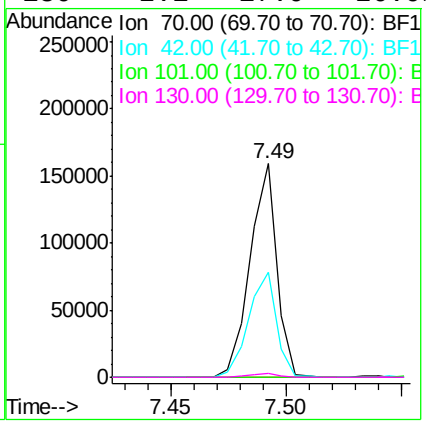


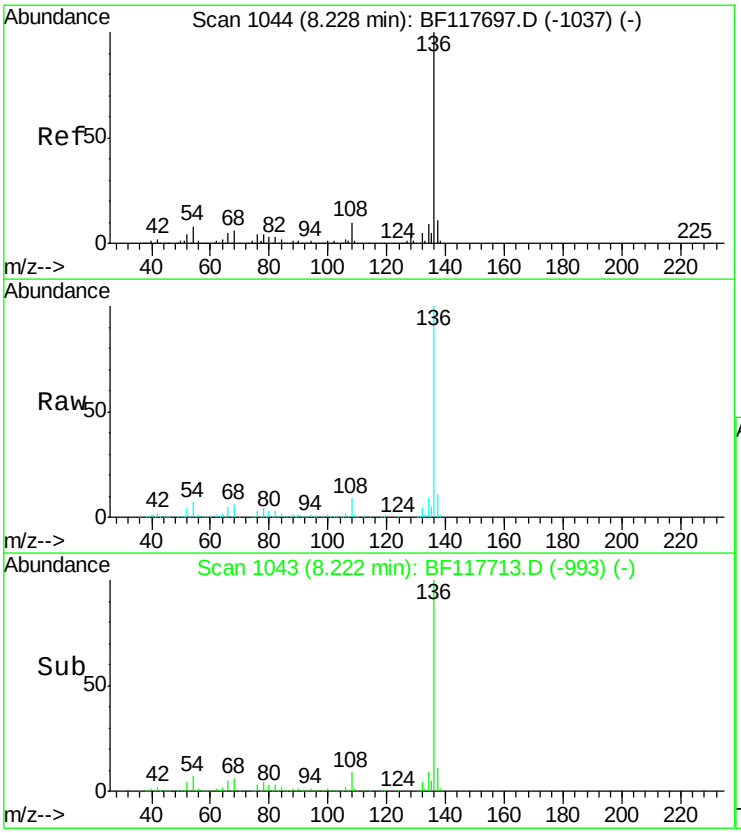
#19
n-Nitroso-di-n-propylamine
Concen: 10.203 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.14 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Instrument :
BNA_F
ClientSampleId :
8-C

Tgt Ion: 70 Resp: 129818

Ion	Ratio	Lower	Upper
70	100		
42	49.0	49.1	73.7#
101	0.0	7.8	11.8#
130	2.1	17.9	26.9#

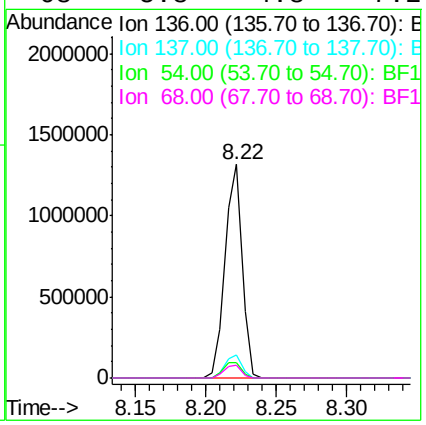


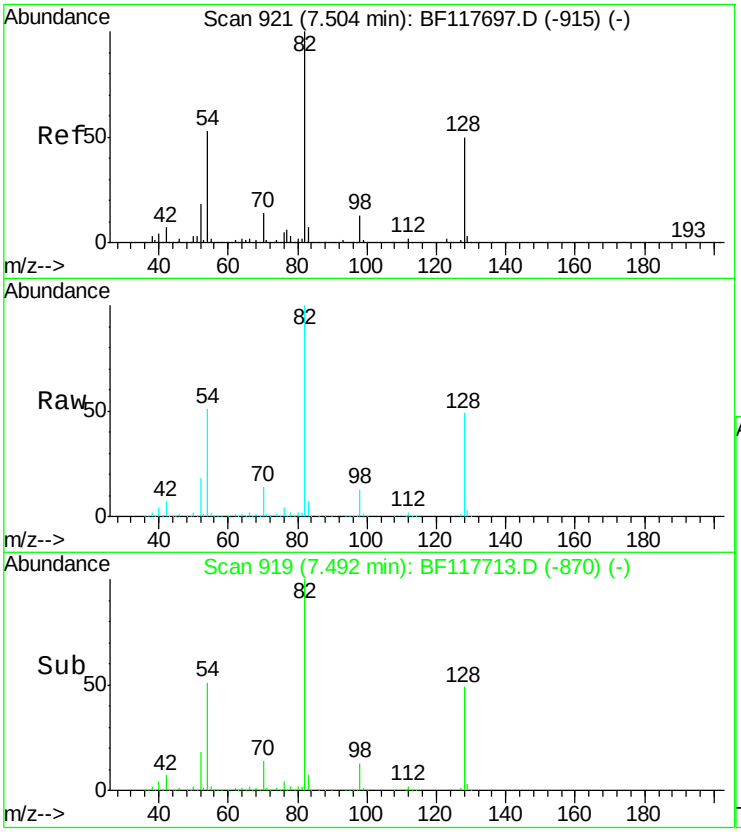


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion:136 Resp: 1106685

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	6.0	9.0
68	5.8	4.8	7.2



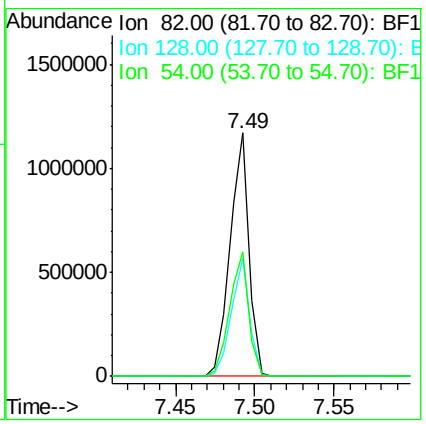


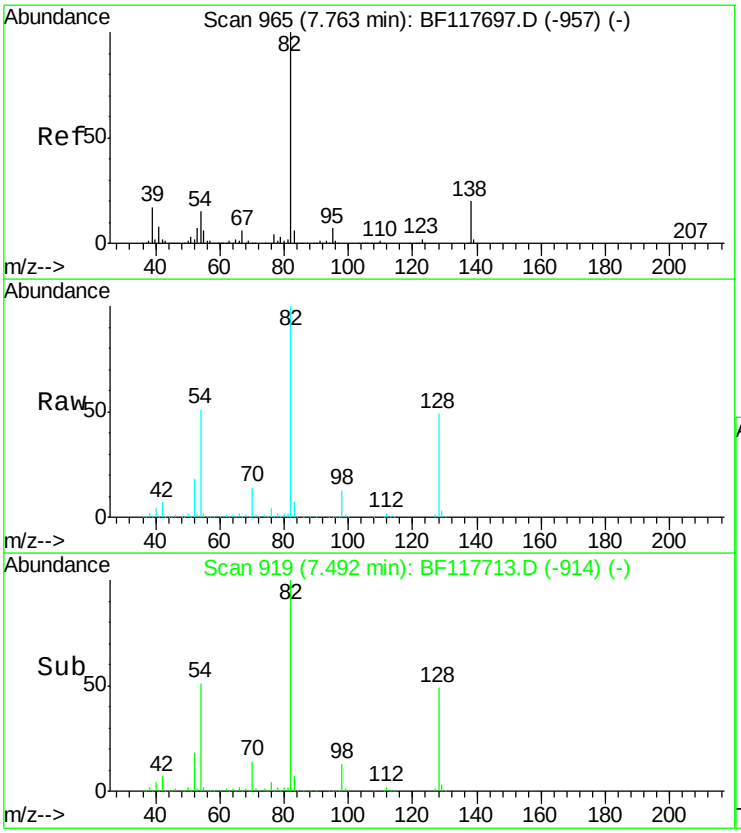
#23
Nitrobenzene-d5
Concen: 51.426 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Instrument :
BNA_F
ClientSampleId :
8-C

Tgt Ion: 82 Resp: 963978

Ion	Ratio	Lower	Upper
82	100		
128	48.8	40.2	60.2
54	51.4	42.0	63.0

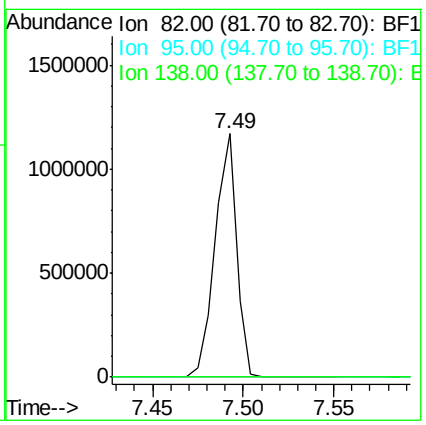


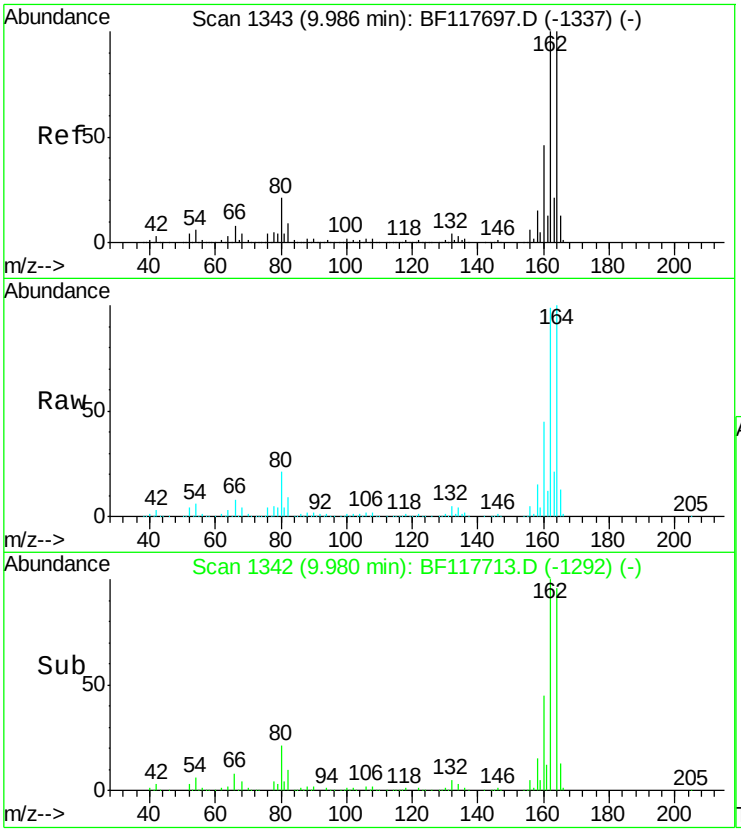


#25
Isophorone
Concen: 26.862 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.27 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion: 82 Resp: 963049

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	16.2	24.2#



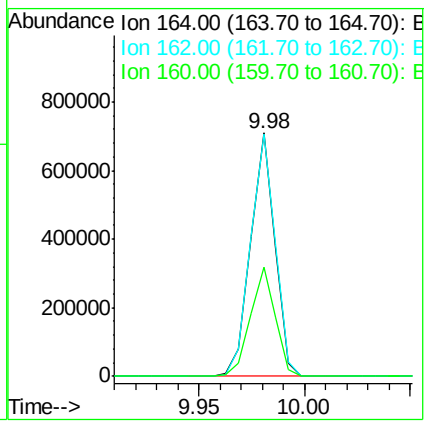


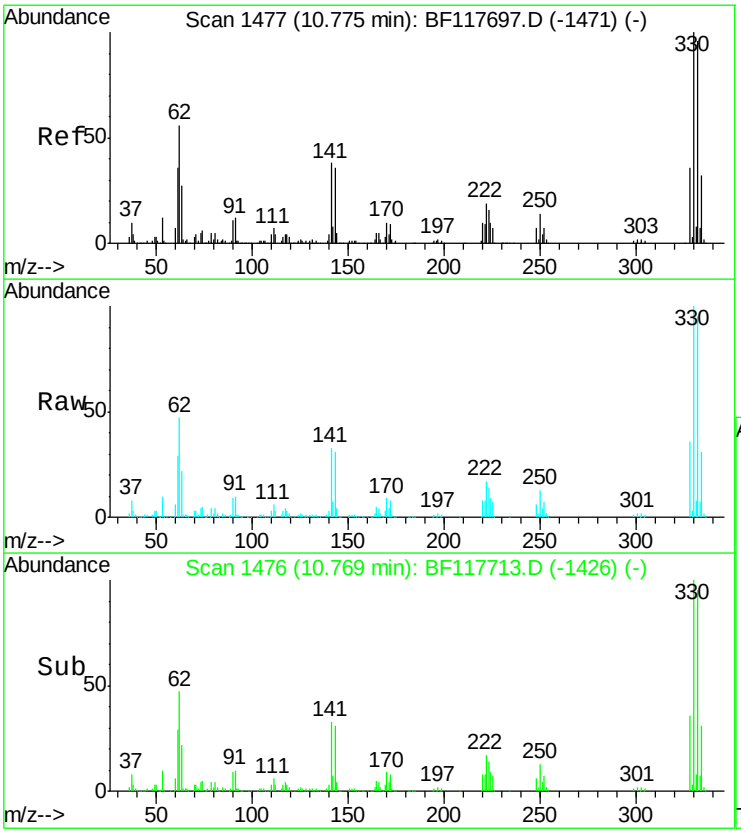
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Instrument :
BNA_F
ClientSampleId :
8-C

Tgt Ion:164 Resp: 572400

Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.7	119.5
160	44.6	36.5	54.7

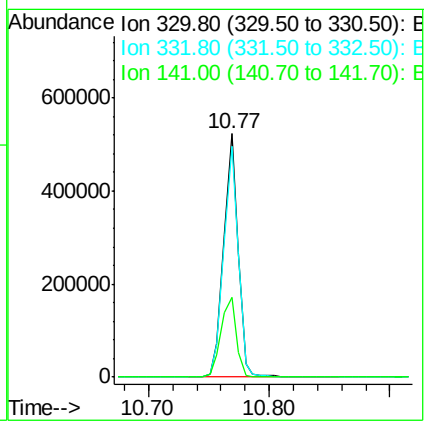


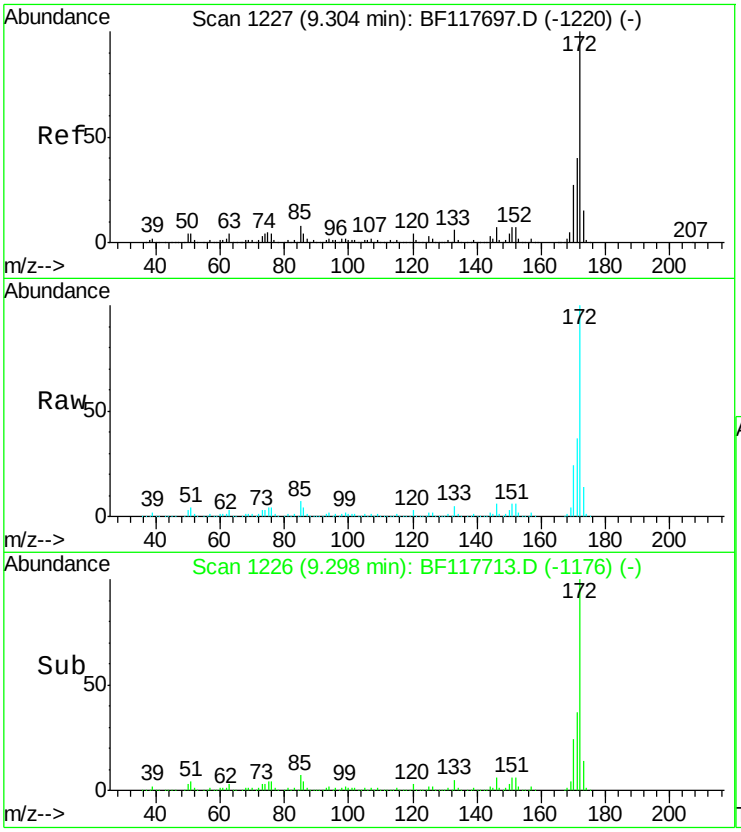


#42
2,4,6-Tribromophenol
Concen: 77.254 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion:330 Resp: 432572

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.0
141	34.9	28.0	42.0



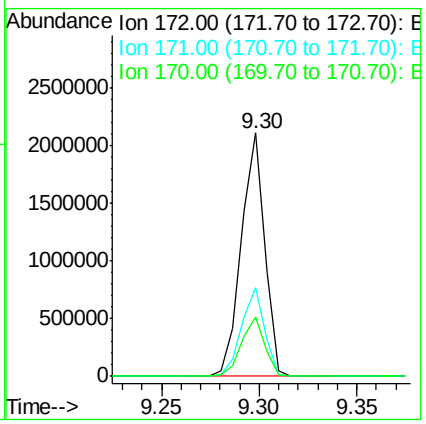


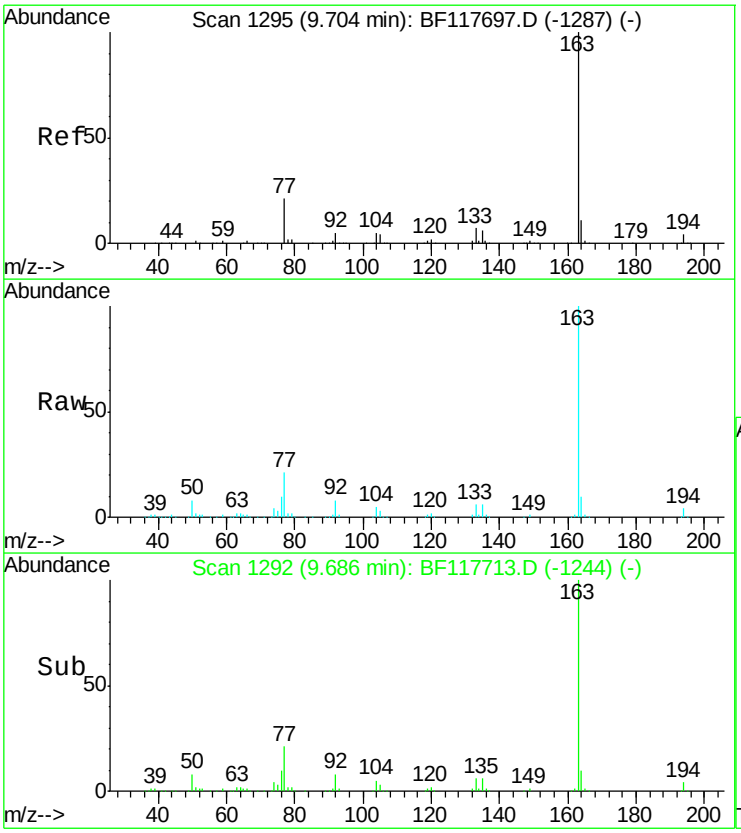
#45
2-Fluorobiphenyl
Concen: 60.470 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Instrument :
BNA_F
ClientSampleId :
8-C

Tgt Ion:172 Resp: 1754335

Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.8	47.8
170	24.5	21.6	32.4

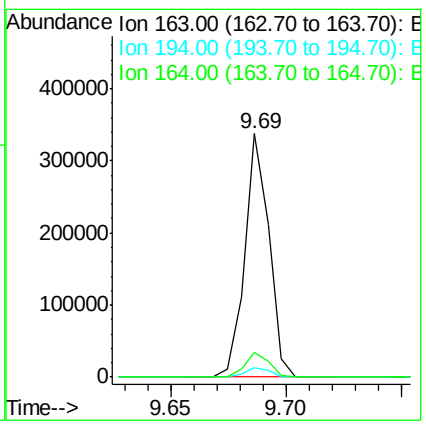


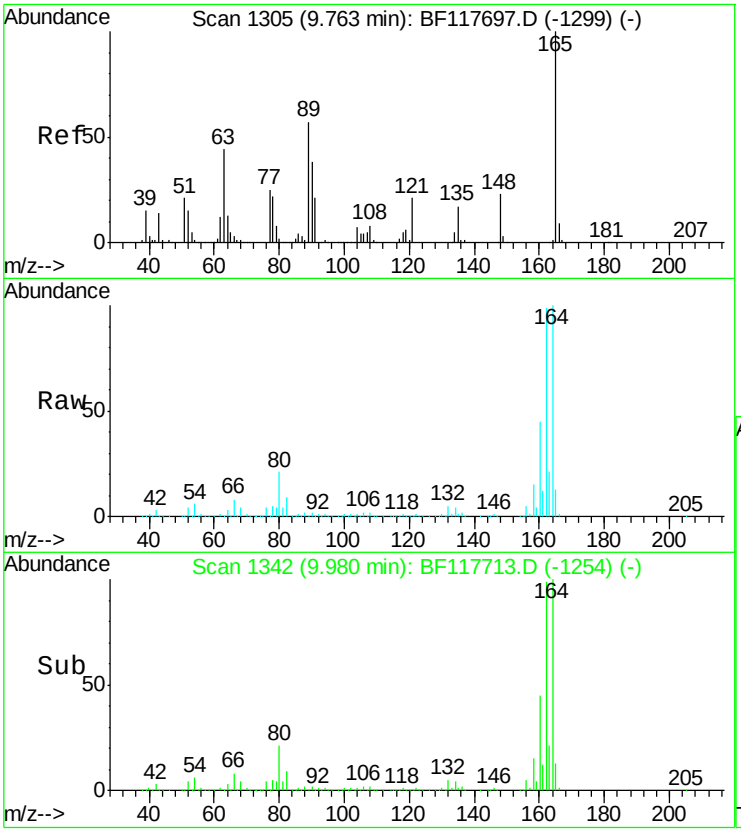


#50
Dimethylphthalate
Concen: 6.383 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion:163 Resp: 246996

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.0	8.9	13.3



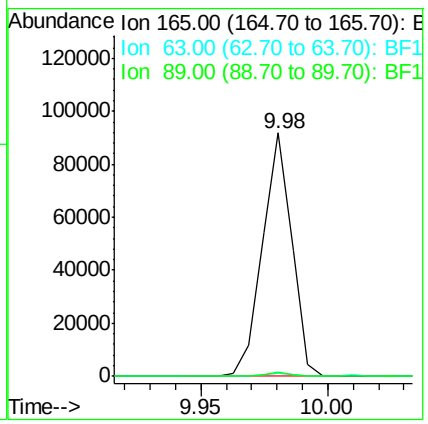


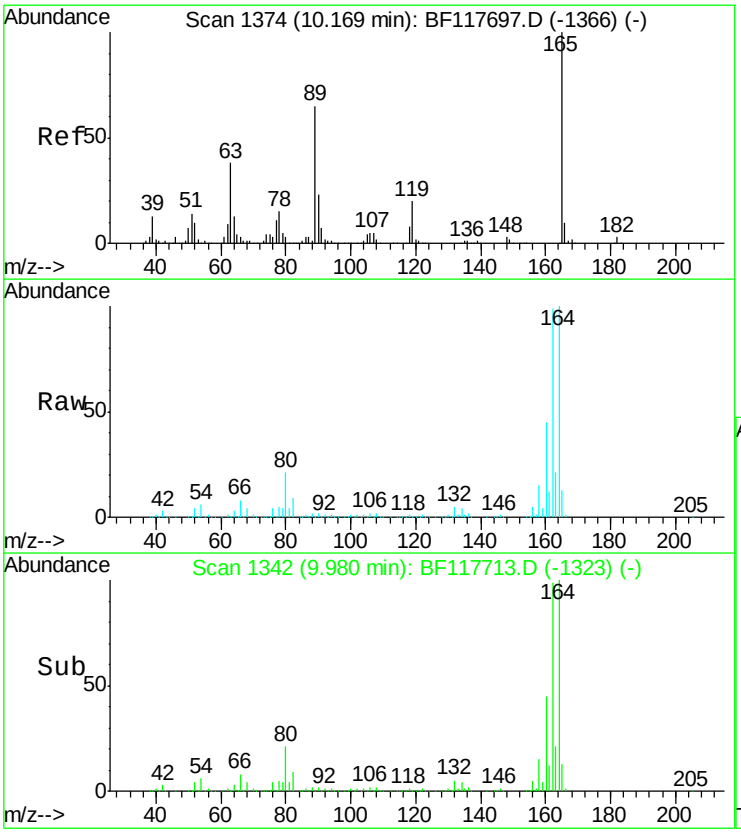
#51
2,6-Dinitrotoluene
Concen: 8.608 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.22 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Instrument :
BNA_F
ClientSampleId :
8-C

Tgt Ion:165 Resp: 74591

Ion	Ratio	Lower	Upper
165	100		
63	1.3	45.6	68.4#
89	1.6	45.8	68.6#

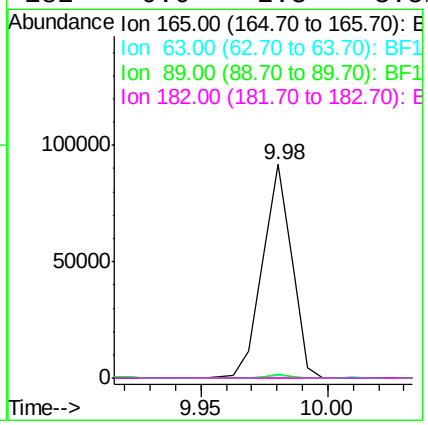


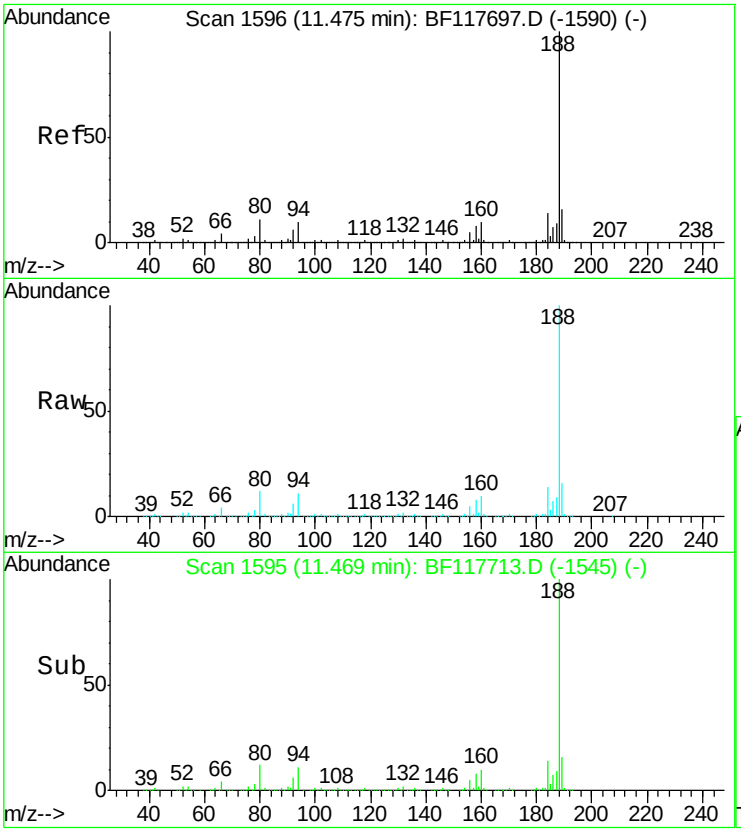


#57
2,4-Dinitrotoluene
Concen: 6.711 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.19 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion:165 Resp: 74591

Ion	Ratio	Lower	Upper
165	100		
63	1.3	30.4	45.6#
89	1.6	52.2	78.4#
182	0.0	2.3	3.5#



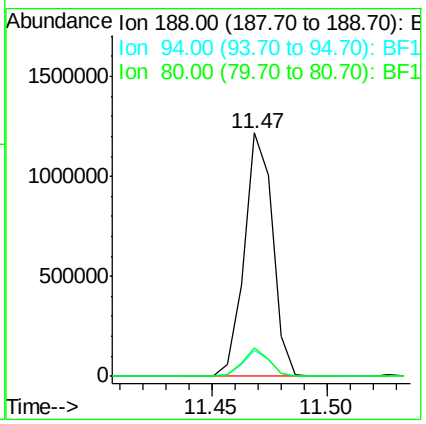


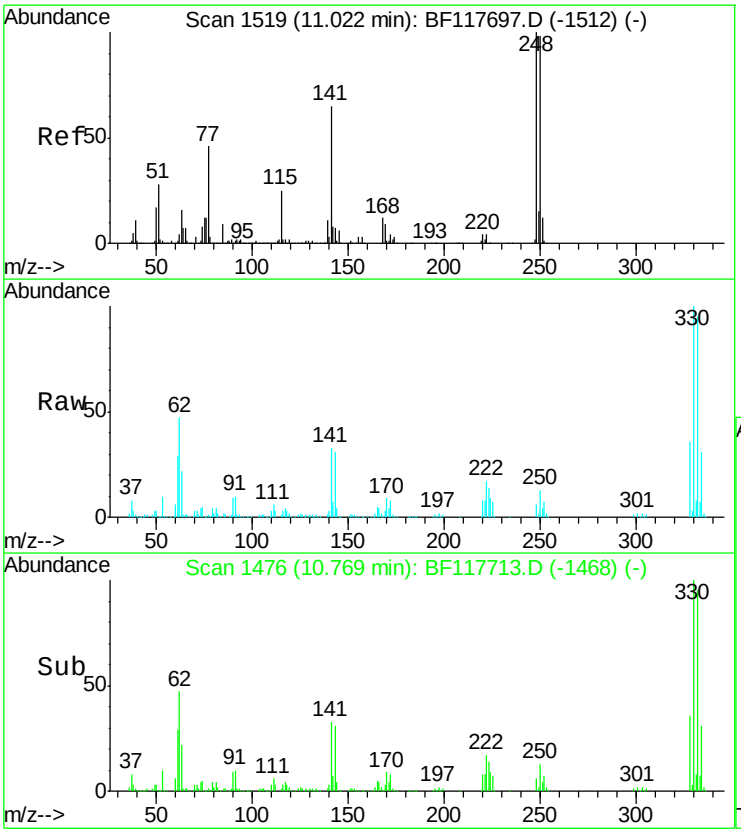
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Instrument :
BNA_F
ClientSampleId :
8-C

Tgt Ion:188 Resp: 1044307

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.2	12.4
80	11.5	8.6	13.0

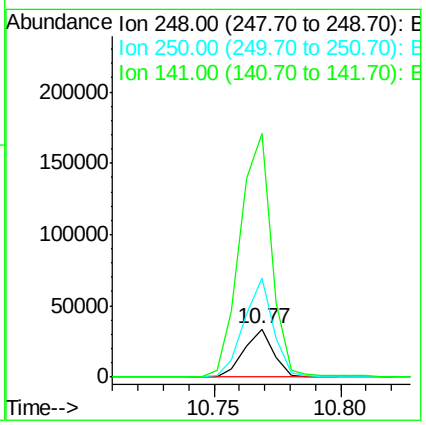


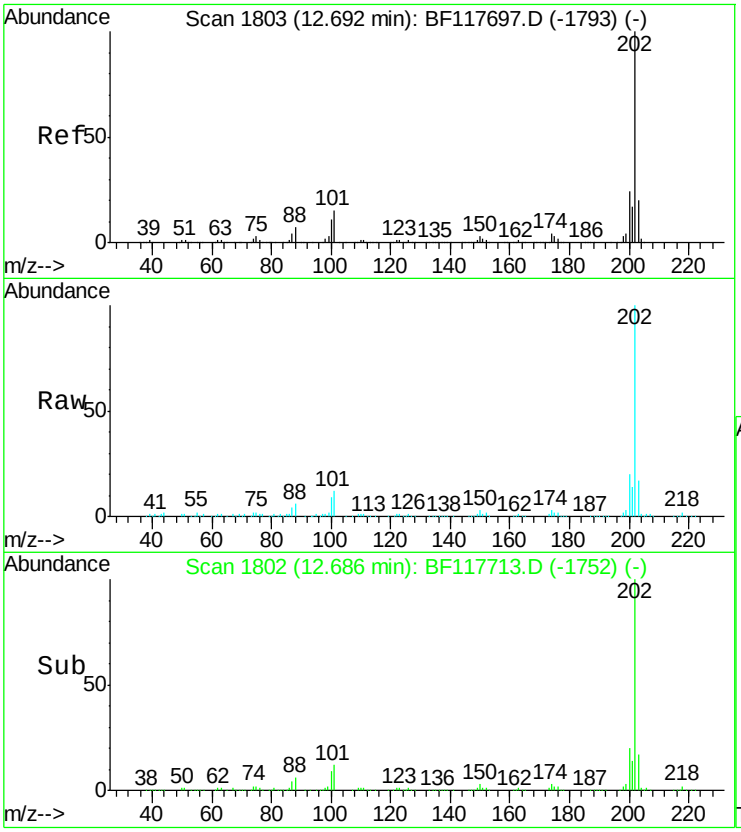


#67
4-Bromophenyl-phenylether
Concen: 2.365 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.25 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion:248 Resp: 26976

Ion	Ratio	Lower	Upper
248	100		
250	207.6	78.7	118.1#
141	508.9	51.8	77.8#



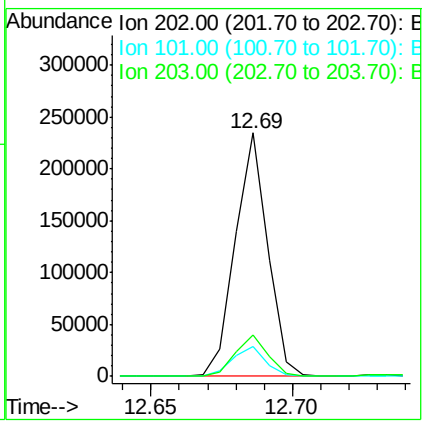


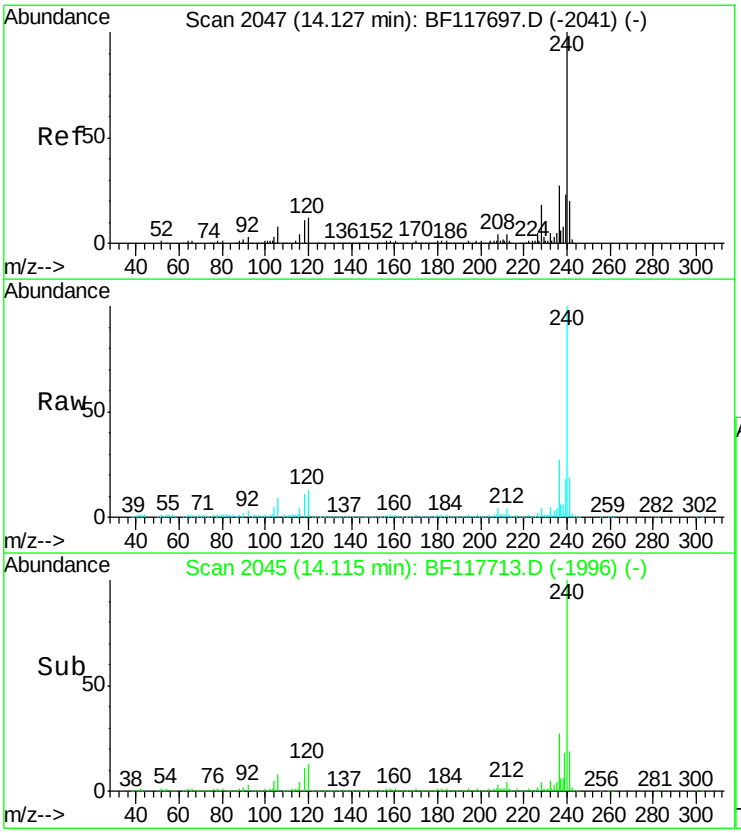
#75
Fluoranthene
Concen: 3.668 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Instrument :
BNA_F
ClientSampleId :
8-C

Tgt Ion:202 Resp: 187486

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.5
203	17.1	0.0	39.8

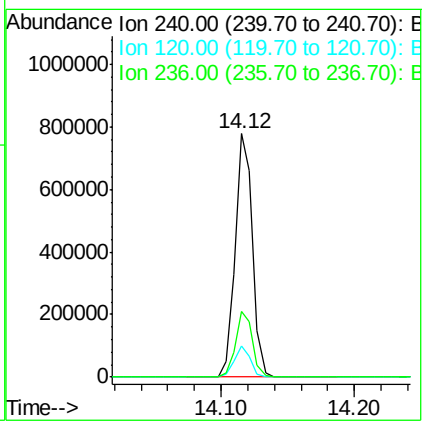


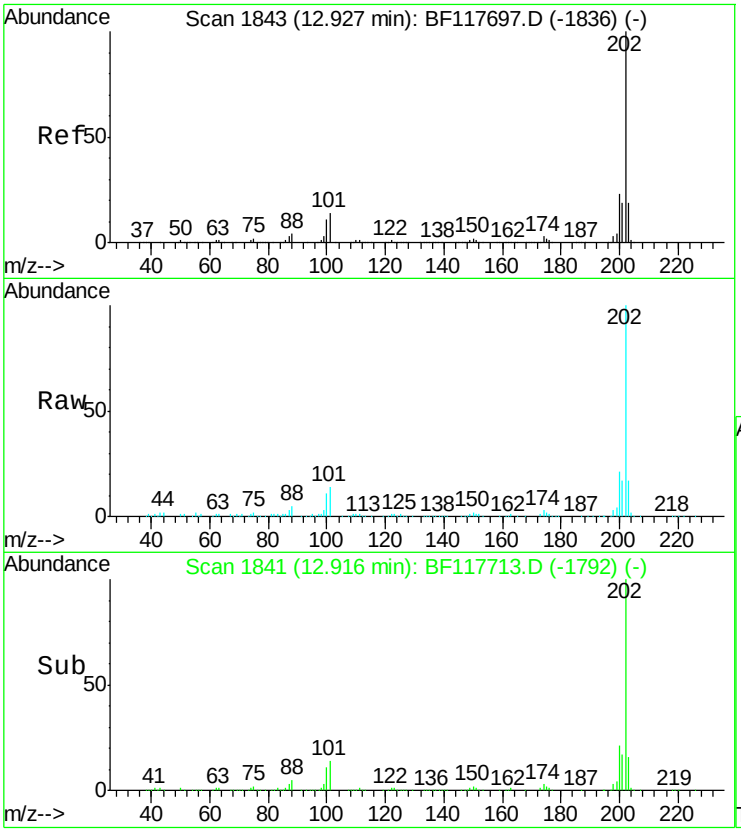


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion:240 Resp: 703679

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.7	14.5
236	26.8	21.9	32.9



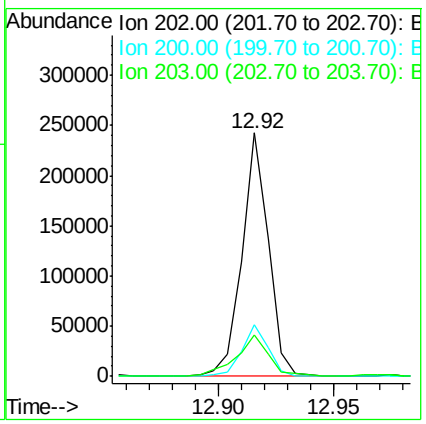


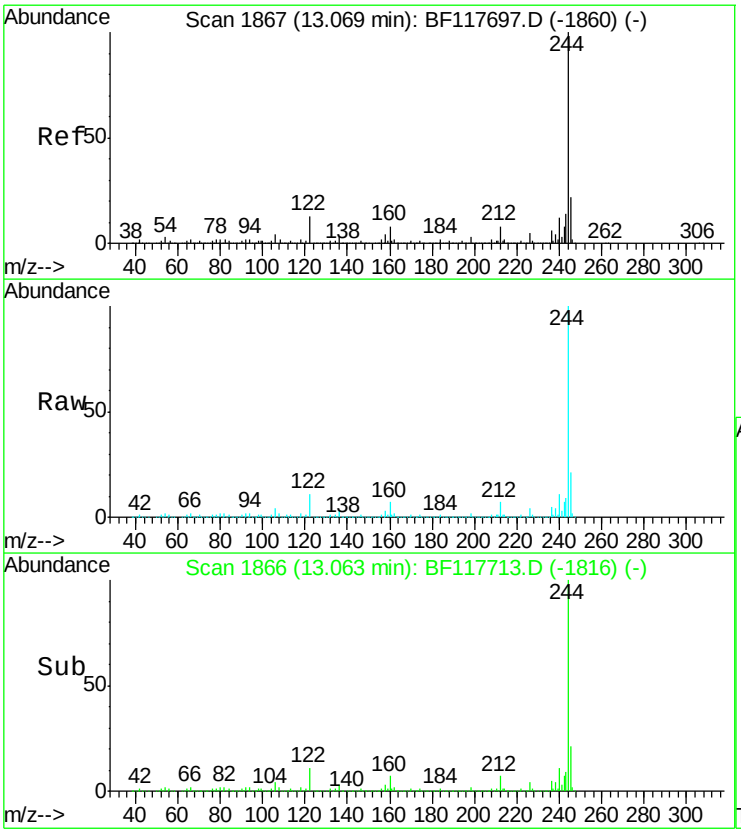
#78
Pyrene
Concen: 3.754 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Instrument :
BNA_F
ClientSampleId :
8-C

Tgt Ion:202 Resp: 192829

Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.8	28.2
203	16.8	15.2	22.8

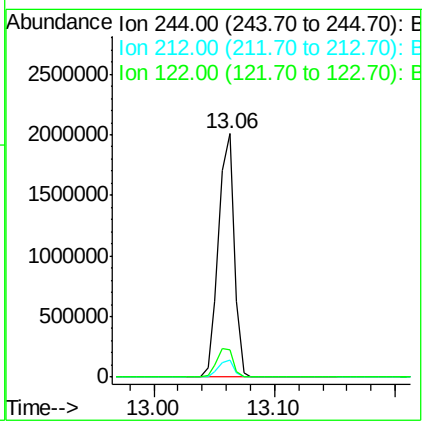


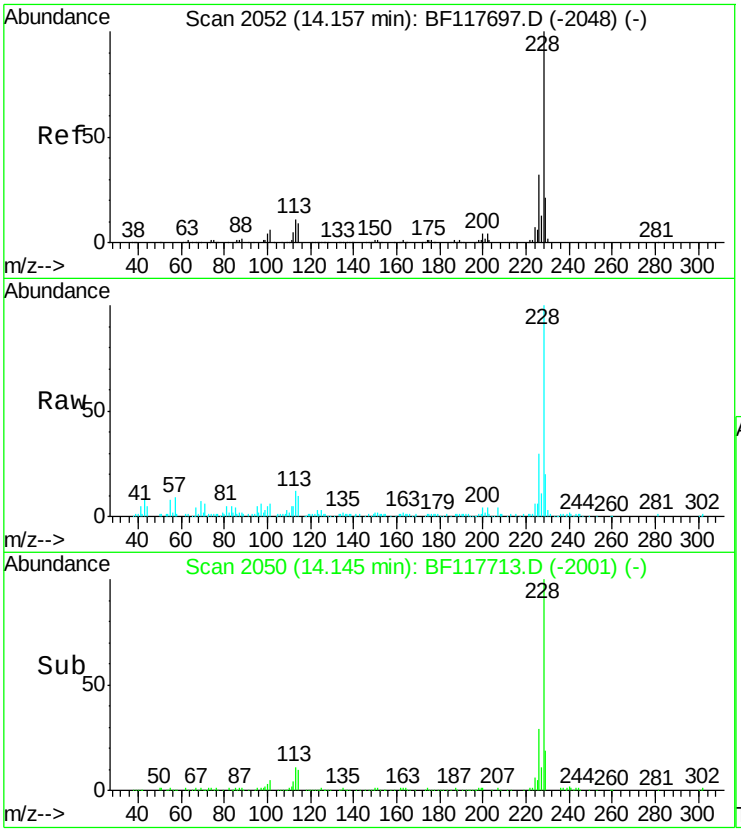


#79
Terphenyl-d14
Concen: 52.651 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion:244 Resp: 1799741

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.4	9.6
122	11.3	10.0	15.0



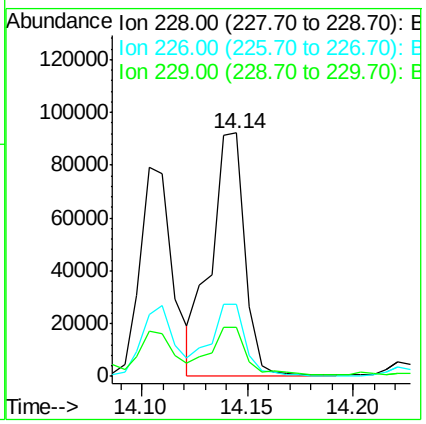


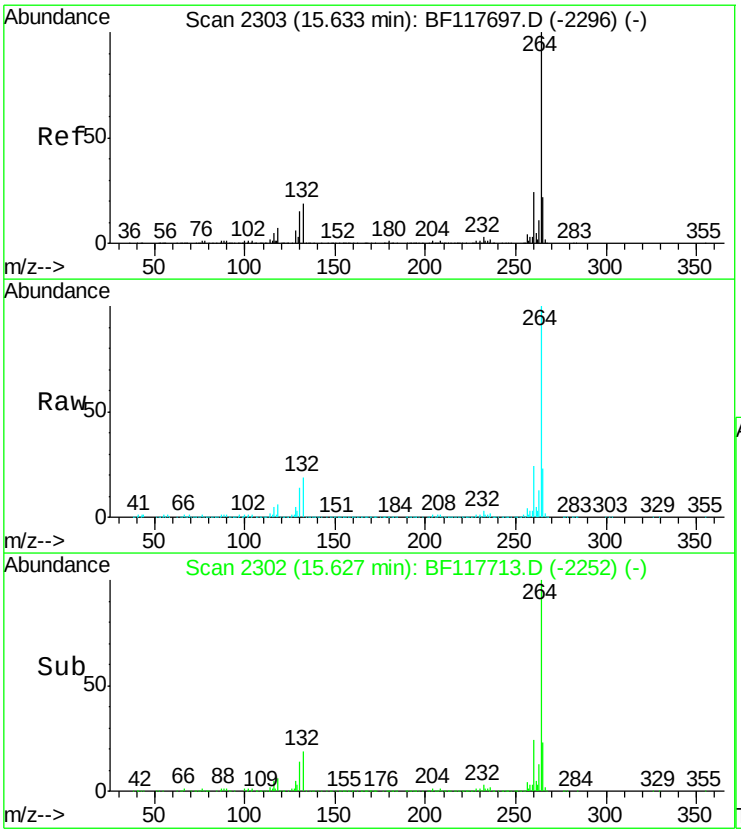
#83
Chrysene
Concen: 2.357 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Instrument :
BNA_F
ClientSampleId :
8-C

Tgt Ion:228 Resp: 101944

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.4	38.2
229	20.1	16.6	24.8

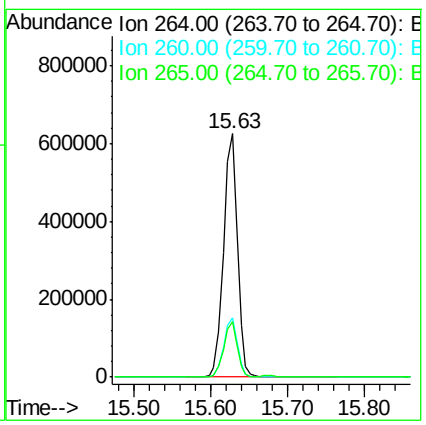


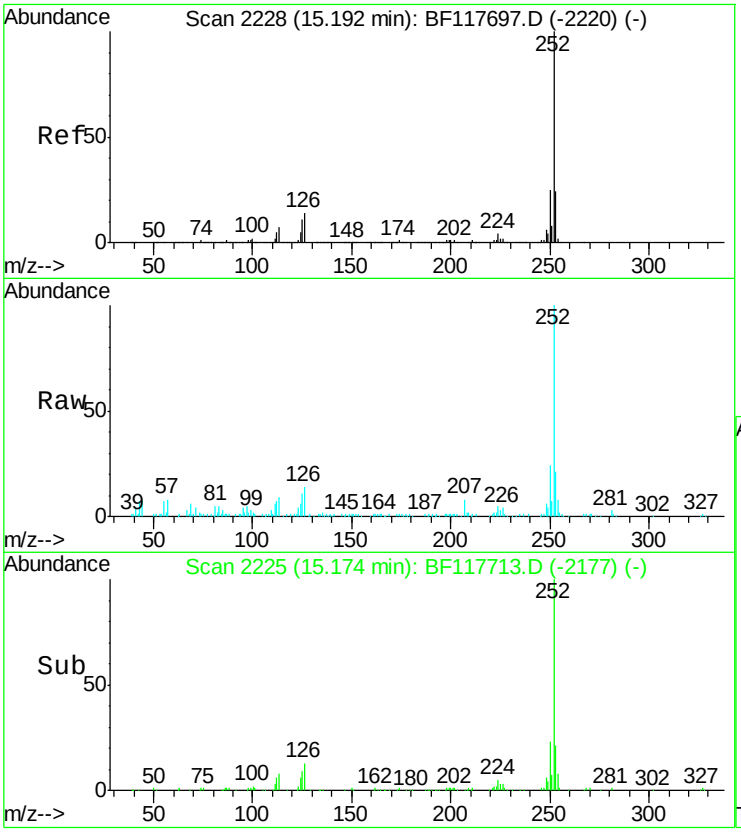


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion:264 Resp: 791995

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.5	17.7	26.5



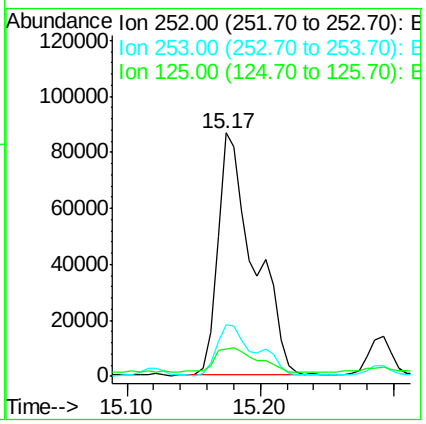


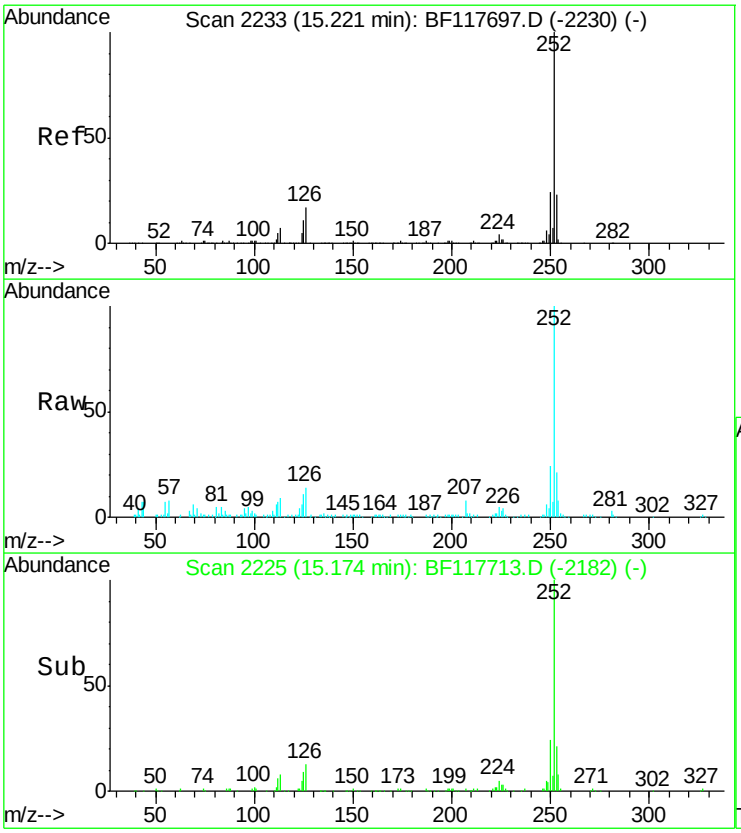
#88
Benzo(b)fluoranthene
Concen: 3.269 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Instrument :
BNA_F
ClientSampleId :
8-C

Tgt Ion:252 Resp: 163060

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.9	28.3
125	11.2	8.5	12.7





#89
Benzo(k)fluoranthene
Concen: 3.665 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.05 min
Lab File: BF117713.D
Acq: 7 Nov 2019 19:07

Tgt Ion:252 Resp: 163060

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	11.2	9.1	13.7