Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
Data File : BF115713.D
Acq On : 22 Jul 2019 17:00
Operator : HP/JU
Sample : K3928-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 23 01:17:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	169304	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	652989	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	312937	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	474843	20.00	ng		0.00
76) Chrysene-d12	14.04	240	404860	20.00	ng		0.00
87) Perylene-d12	15.53	264	366714	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	357729	34.56	ng		-0.01
7) Phenol-d6	6.50	99	468230	35.65	ng		-0.01
23) Nitrobenzene-d5	7.43	82	279783	24.91	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	102220	27.98	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	537287	30.05	ng		-0.02
79) Terphenyl-d14	12.99	244	474734	21.64	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	36826	4.299	ng	#	80
25) Isophorone	7.43	82	274673	12.223	ng	#	64
50) Dimethylphthalate	9.63	163	48059	2.041	ng		98
51) 2,6-Dinitrotoluene	9.92	165	41135	7.688	ng	#	27
57) 2,4-Dinitrotoluene	9.92	165	41244	5.950	ng	#	24
71) Phenanthrene	11.43	178	52928	2.175	ng		96
75) Fluoranthene	12.62	202	147882	5.749	ng		98
78) Pyrene	12.84	202	143680	4.189	ng		97
81) Benzo(a)anthracene	14.03	228	84632	3.173	ng		97
83) Chrysene	14.07	228	76706	2.865	ng		96
88) Benzo(b)fluoranthene	15.09	252	123587	5.234	ng	#	88
89) Benzo(k)fluoranthene	15.09	252	123587	5.870	ng	#	89
90) Benzo(a)pyrene	15.46	252	58466	2.881	ng	#	85

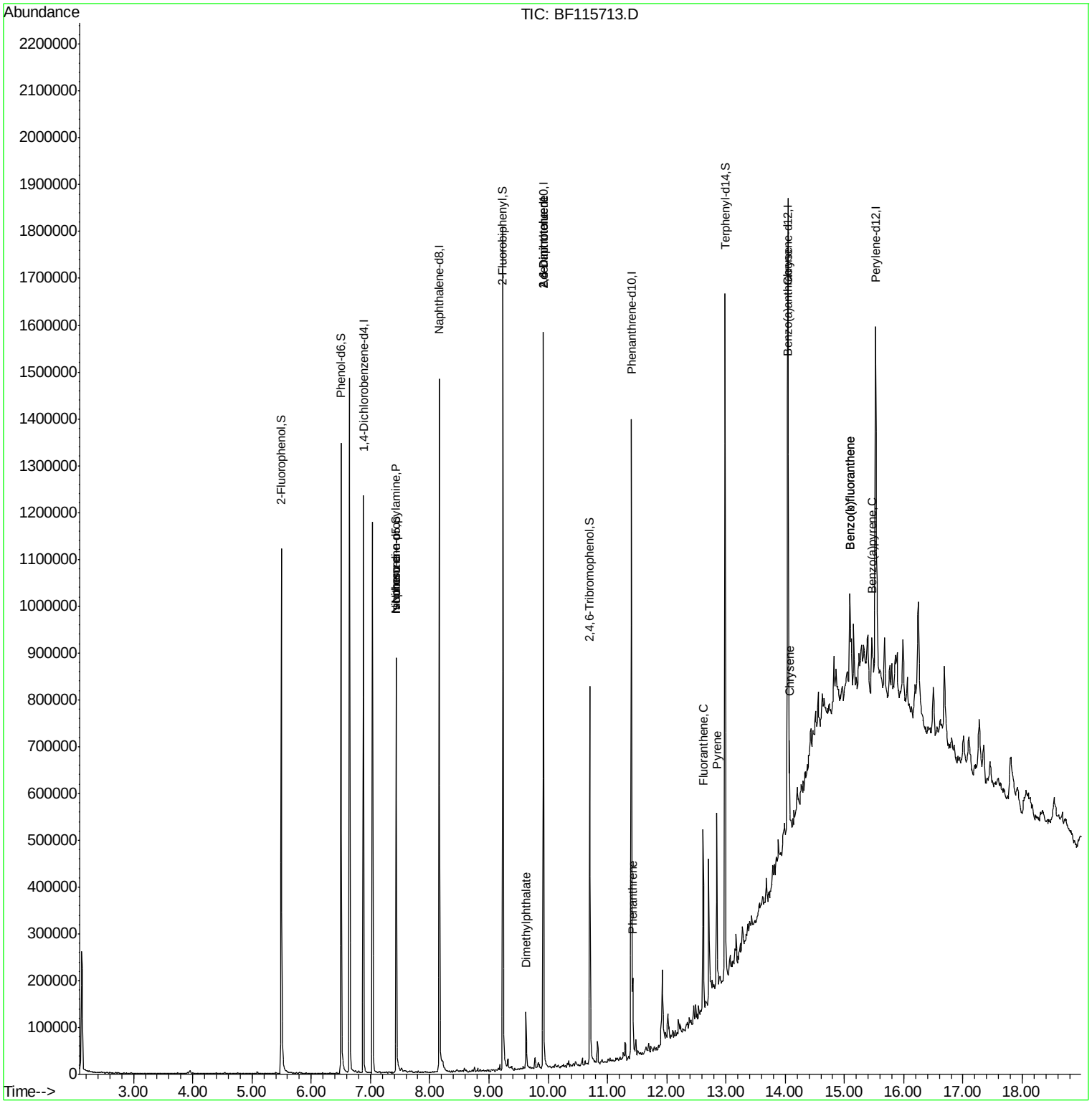
(#) = qualifier out of range (m) = manual integration (+) = signals summed

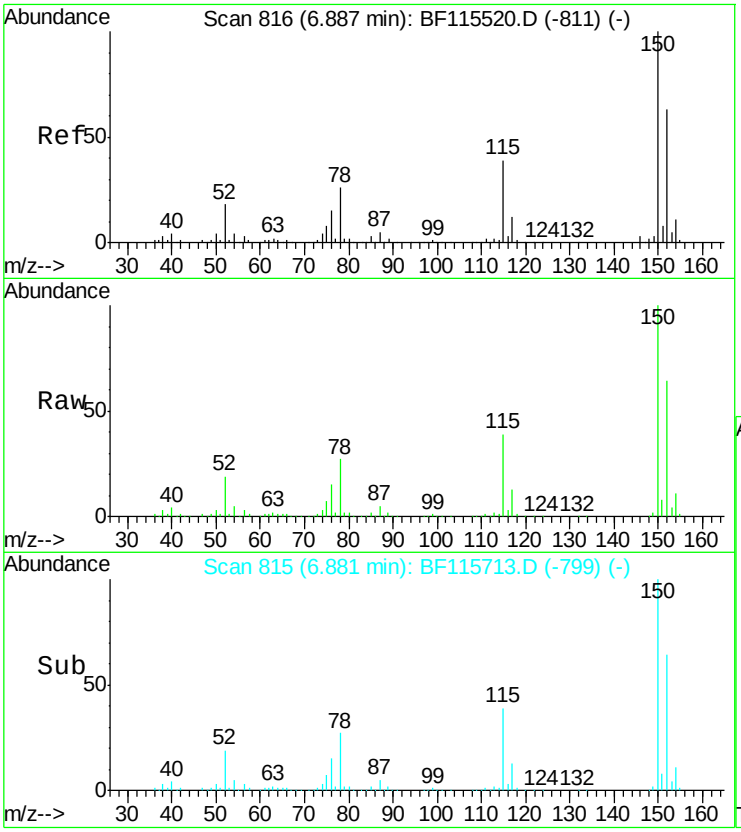
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
Data File : BF115713.D
Acq On : 22 Jul 2019 17:00
Operator : HP/JU
Sample : K3928-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 23 01:17:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

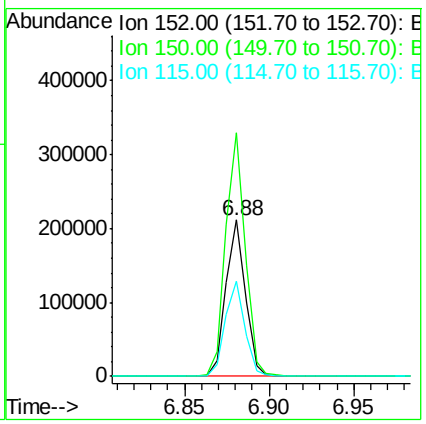




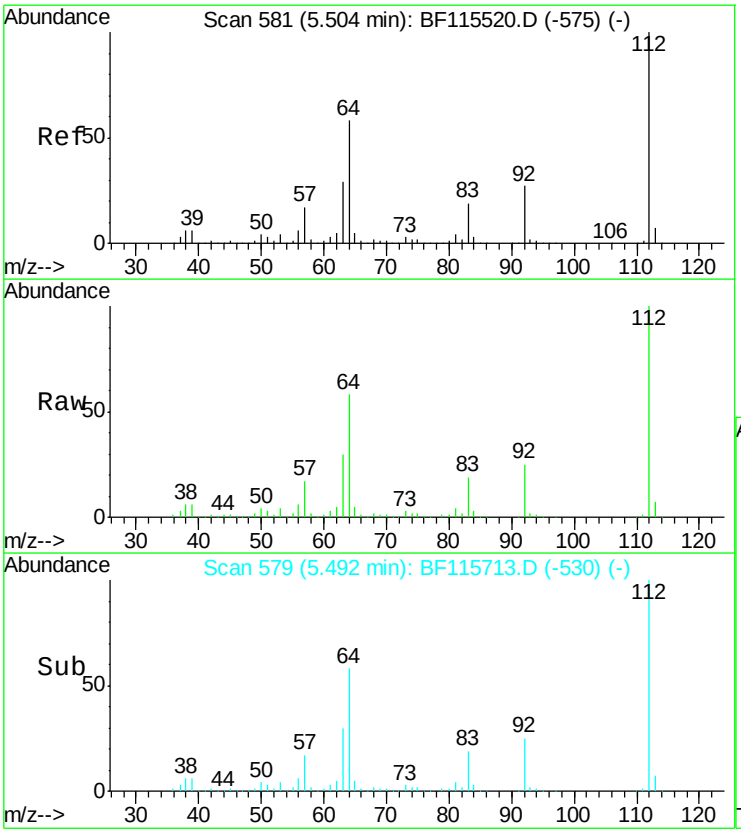
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion:152 Resp: 169304

Ion	Ratio	Lower	Upper
152	100		
150	155.8	129.7	194.5
115	60.7	48.2	72.4



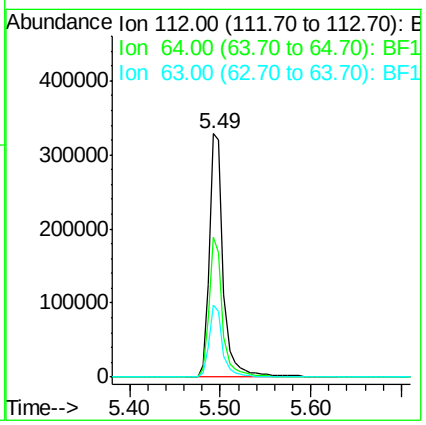
Instrument :
BNA_F
ClientSampleId :

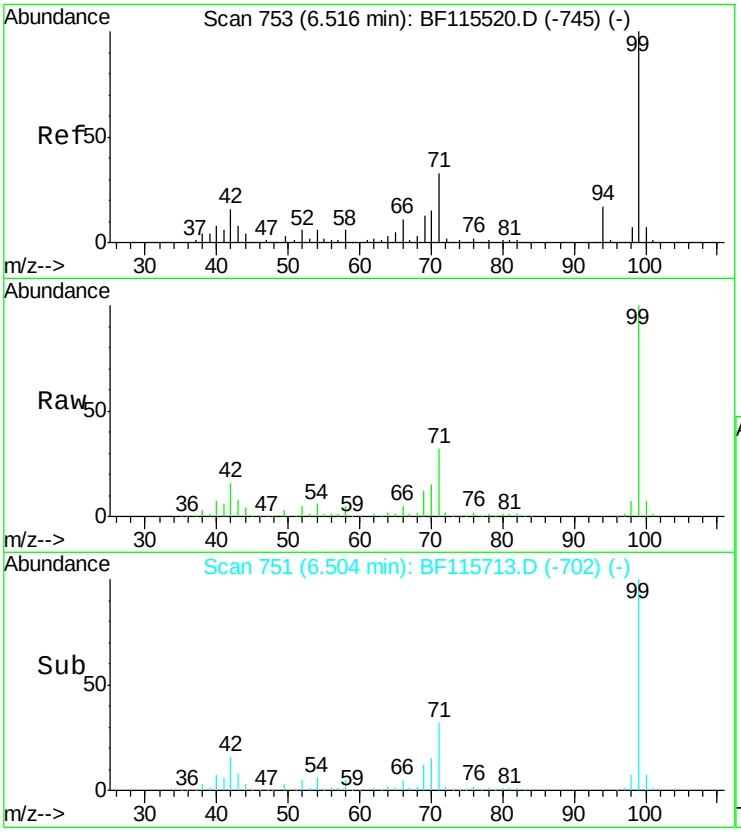


#5
2-Fluorophenol
Concen: 34.562 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion:112 Resp: 357729

Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.8	70.2
63	29.7	24.1	36.1



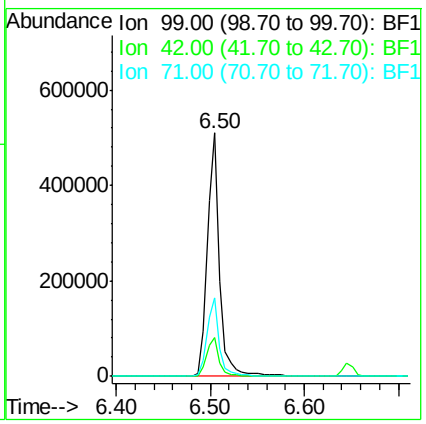


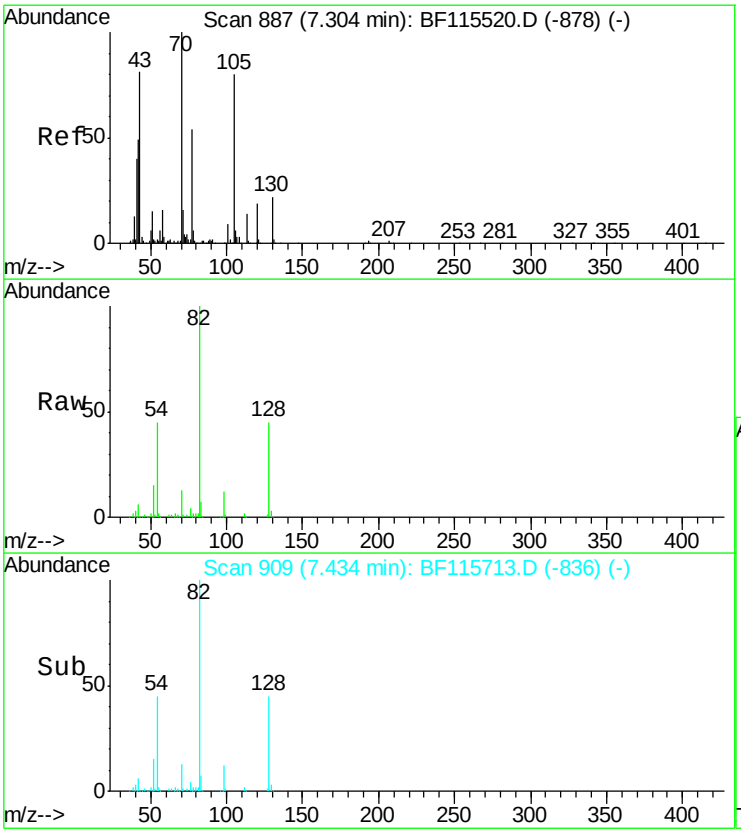
#7
Phenol-d6
Concen: 35.651 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 468230

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.6	20.4
71	32.1	28.5	42.7

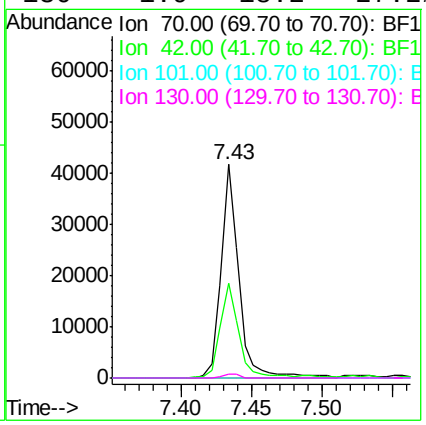


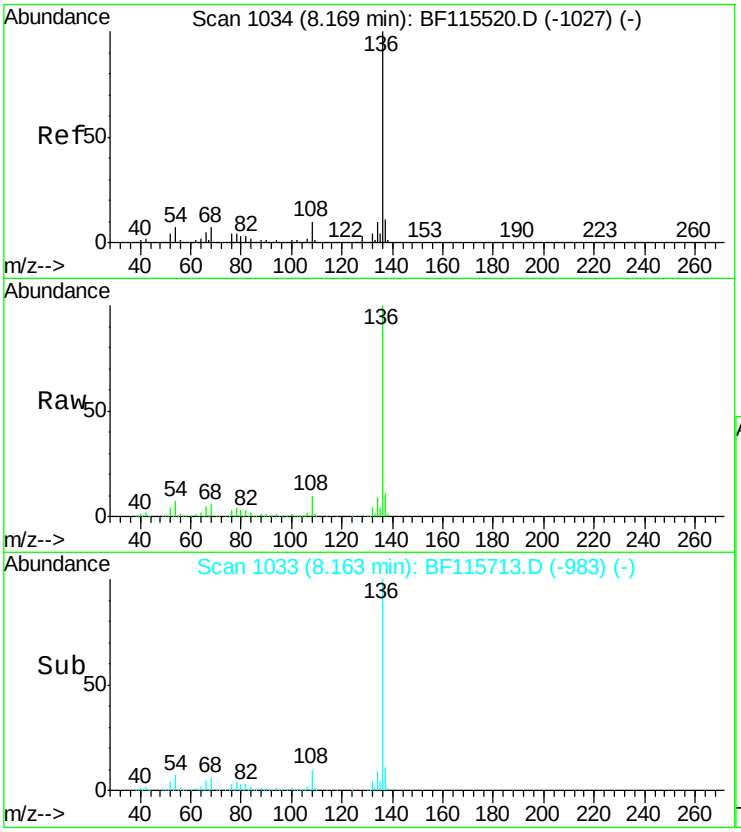


#19
n-Nitroso-di-n-propylamine
Concen: 4.299 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.13 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion: 70 Resp: 36826

Ion	Ratio	Lower	Upper
70	100		
42	44.2	39.6	59.4
101	0.0	8.1	12.1#
130	1.9	18.2	27.2#



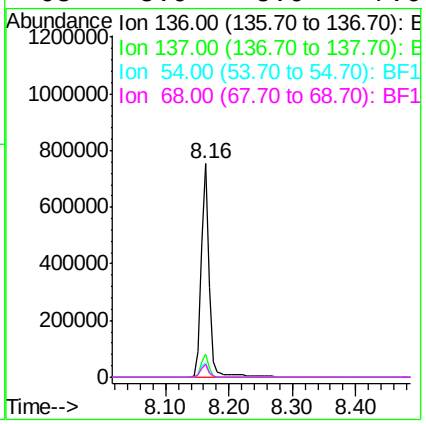


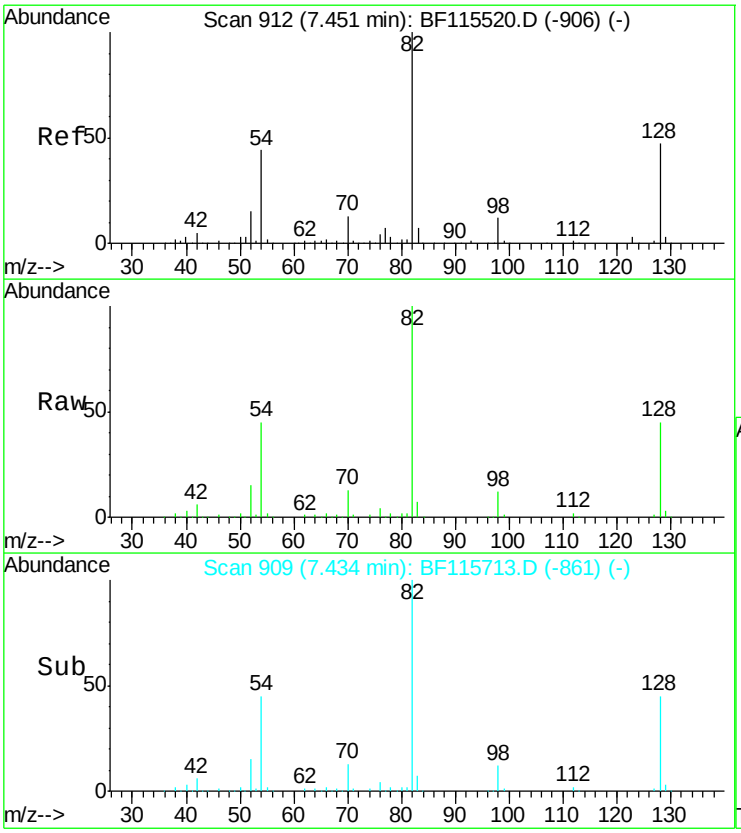
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 652989

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.6	5.6	8.4
68	5.9	5.0	7.6

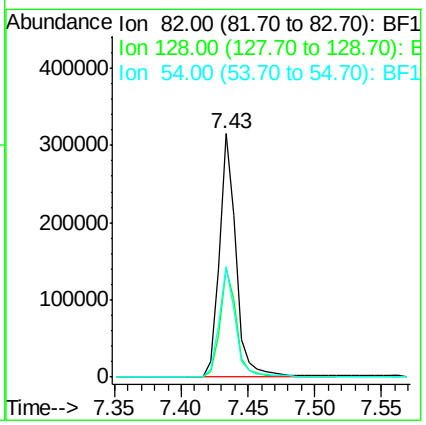


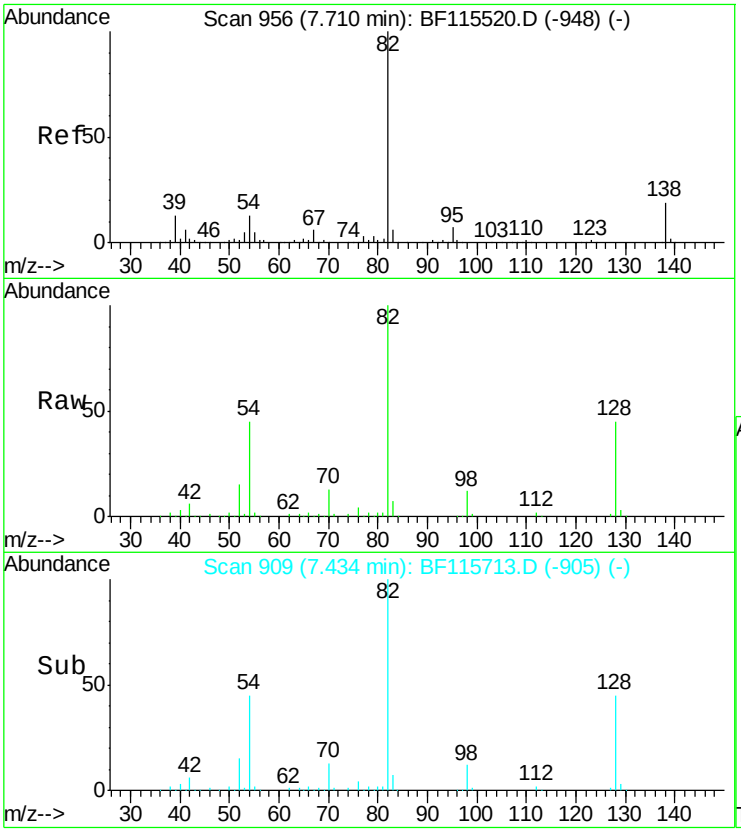


#23
Nitrobenzene-d5
Concen: 24.914 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion: 82 Resp: 279783

Ion	Ratio	Lower	Upper
82	100		
128	45.0	38.6	57.8
54	45.1	35.6	53.4



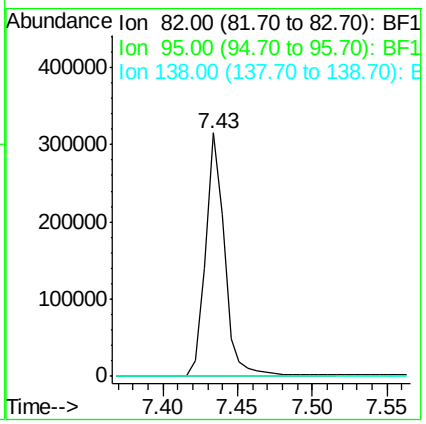


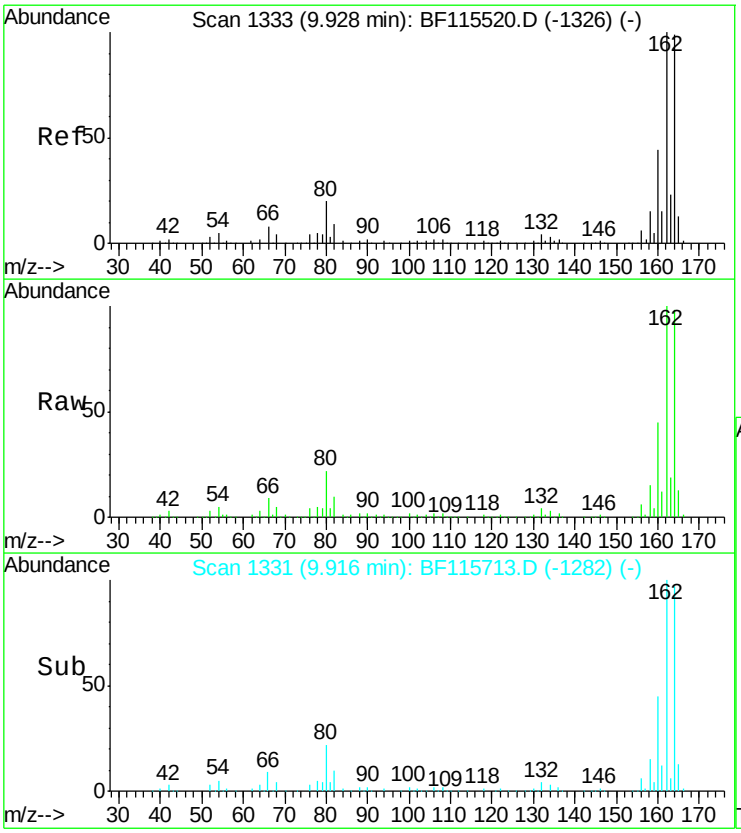
#25
Isophorone
Concen: 12.223 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 274673

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.9	22.3#

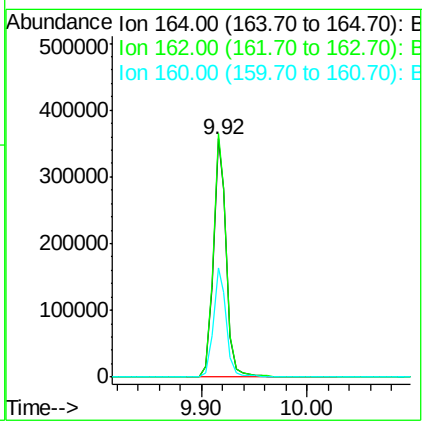


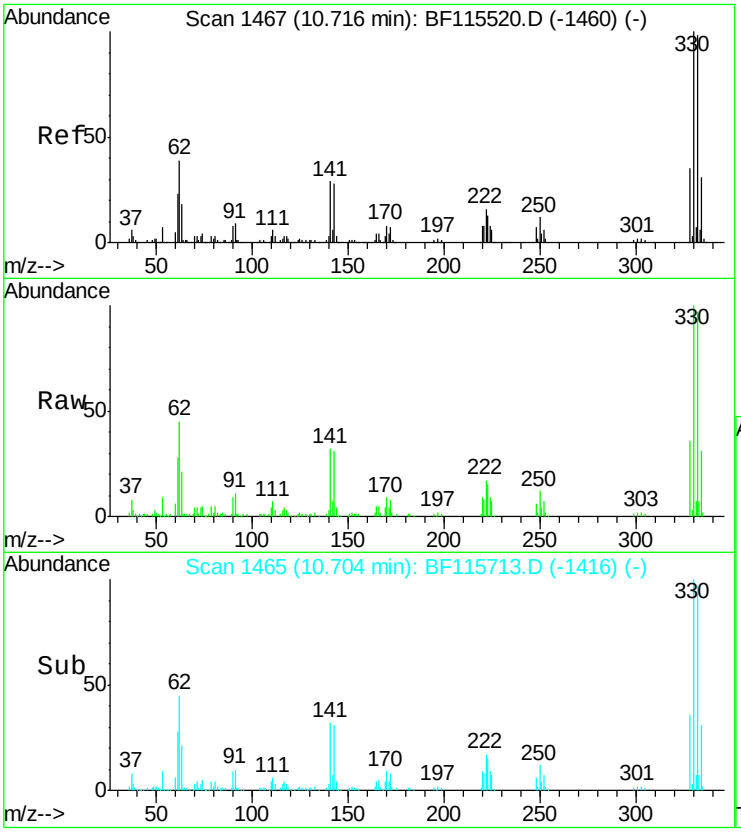


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion:164 Resp: 312937

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.9	124.3
160	46.0	36.8	55.2



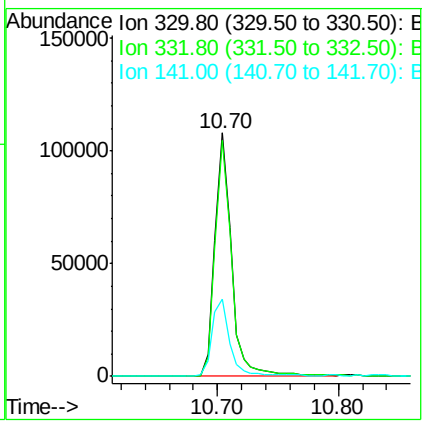


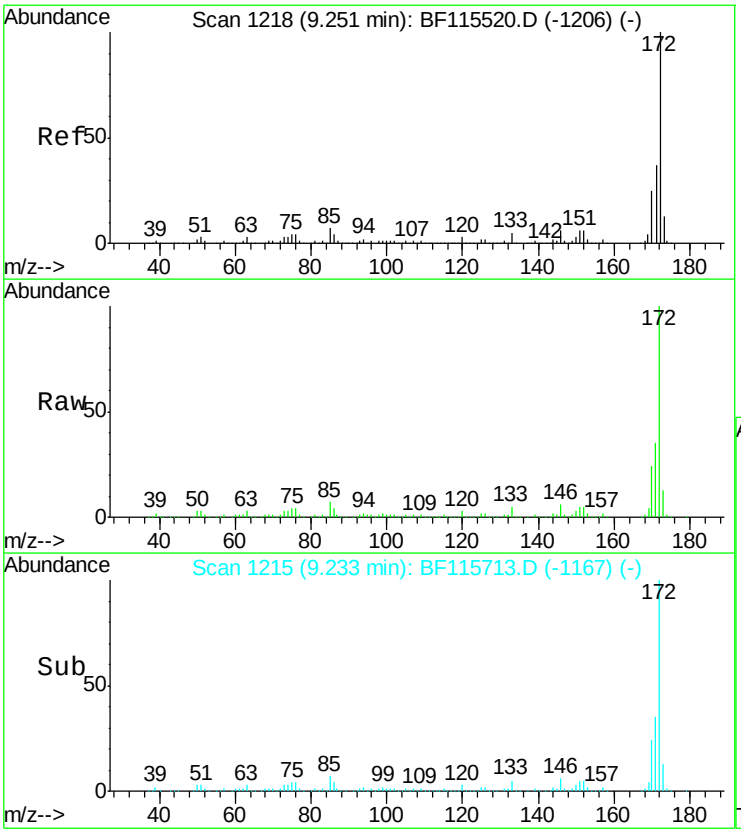
#42
2,4,6-Tribromophenol
Concen: 27.985 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 102220

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	34.8	22.4	33.6#

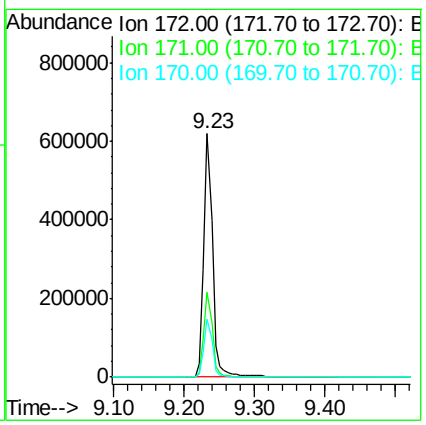


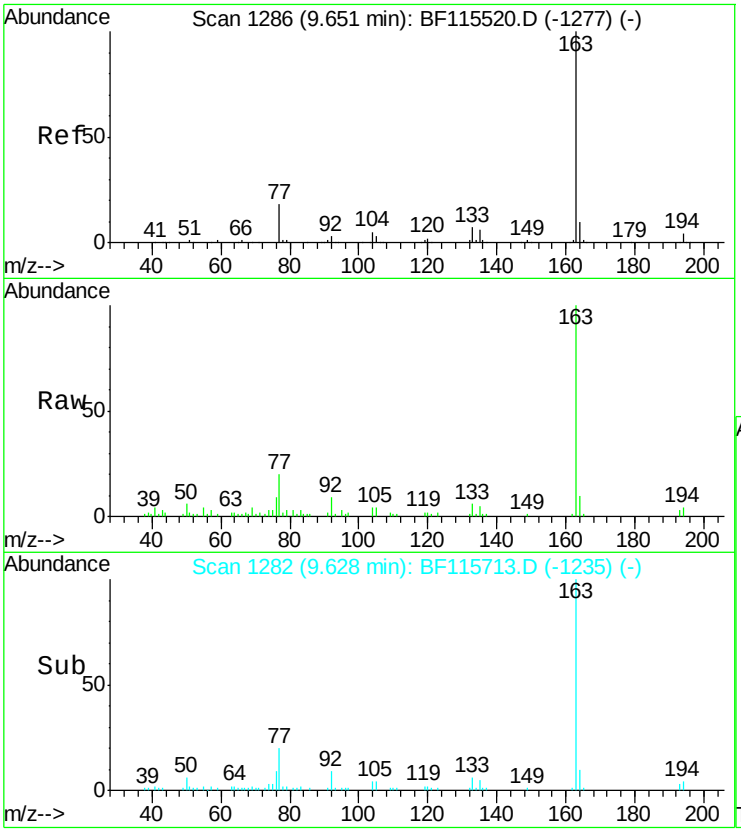


#45
2-Fluorobiphenyl
Concen: 30.051 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion:172 Resp: 537287

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.6	46.0
170	23.6	20.5	30.7



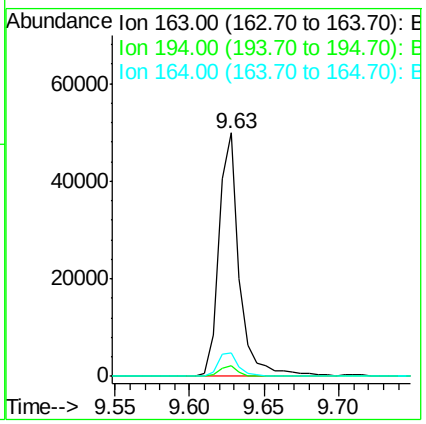


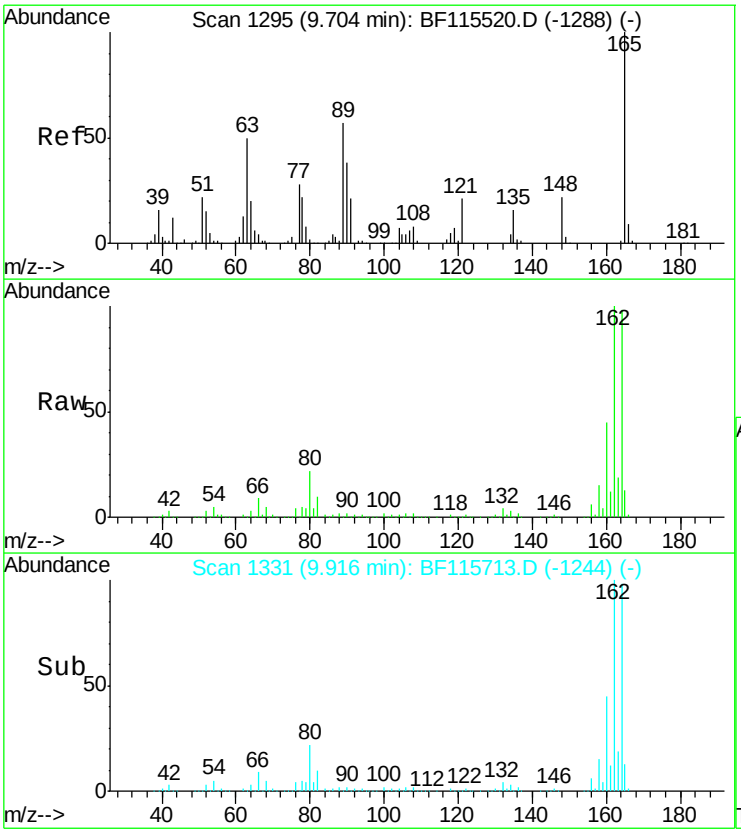
#50
Dimethylphthalate
Concen: 2.041 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 48059

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.7	8.7	13.1

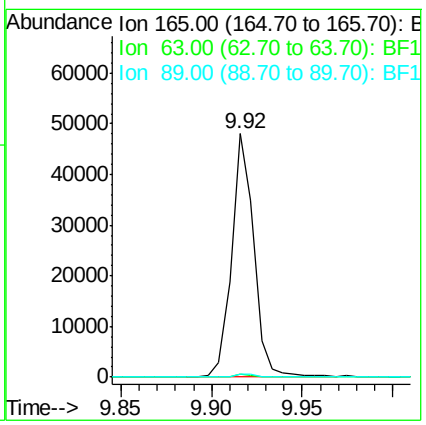


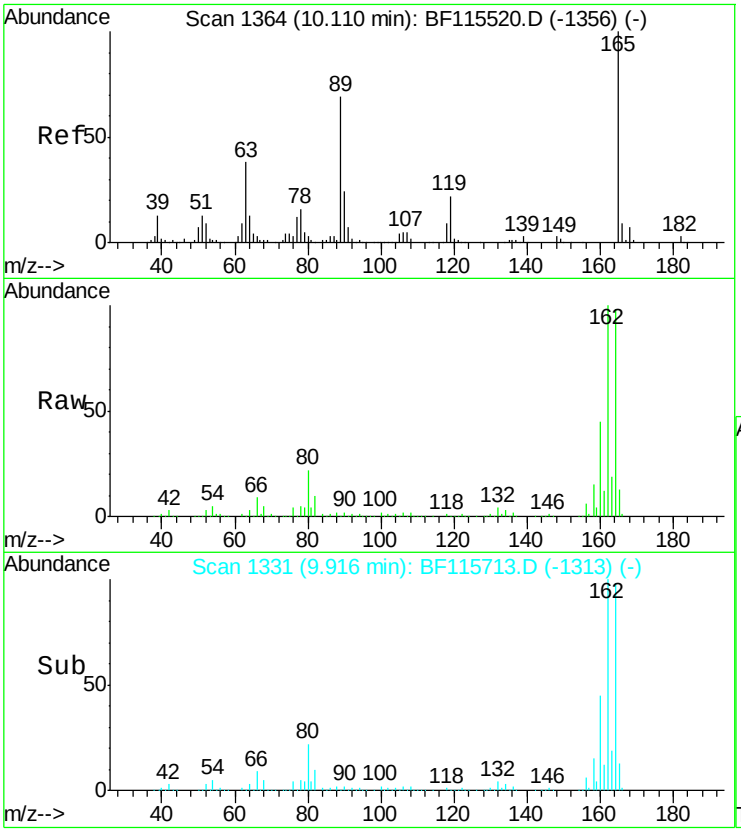


#51
2,6-Dinitrotoluene
Concen: 7.688 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion:165 Resp: 41135

Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.6	61.0#
89	1.1	43.9	65.9#



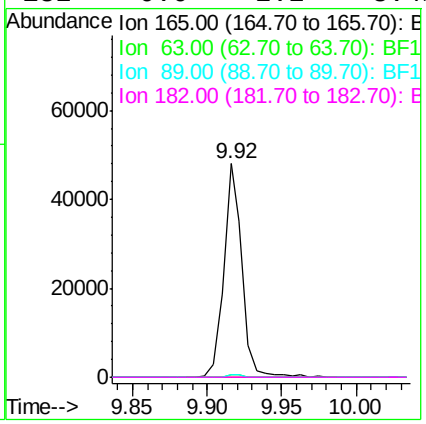


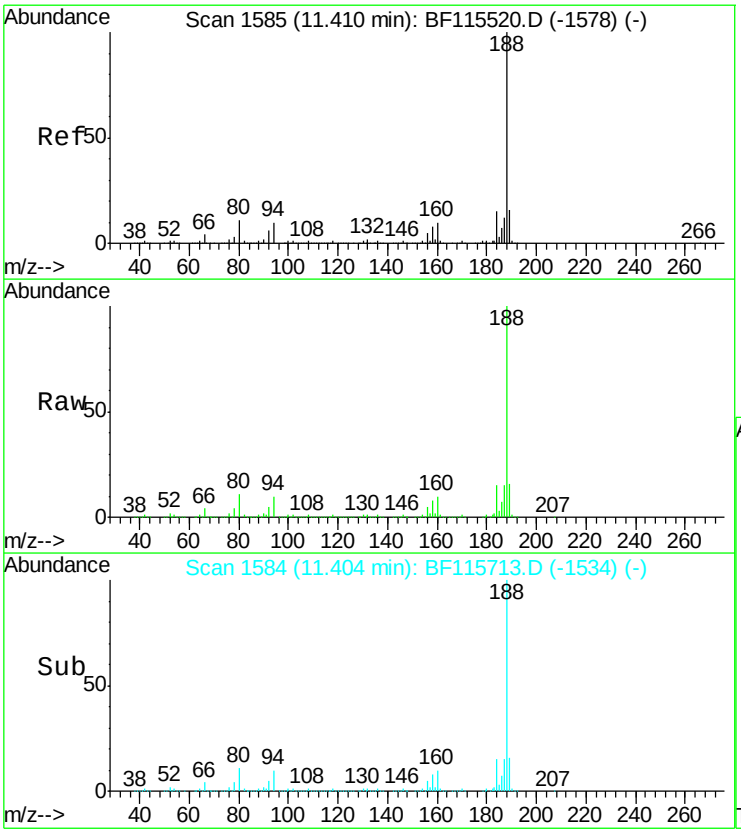
#57
2,4-Dinitrotoluene
Concen: 5.950 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 41244

Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.9	52.3#
89	1.1	57.5	86.3#
182	0.0	2.2	3.4#

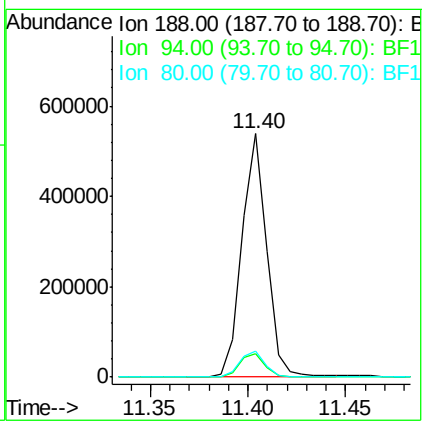


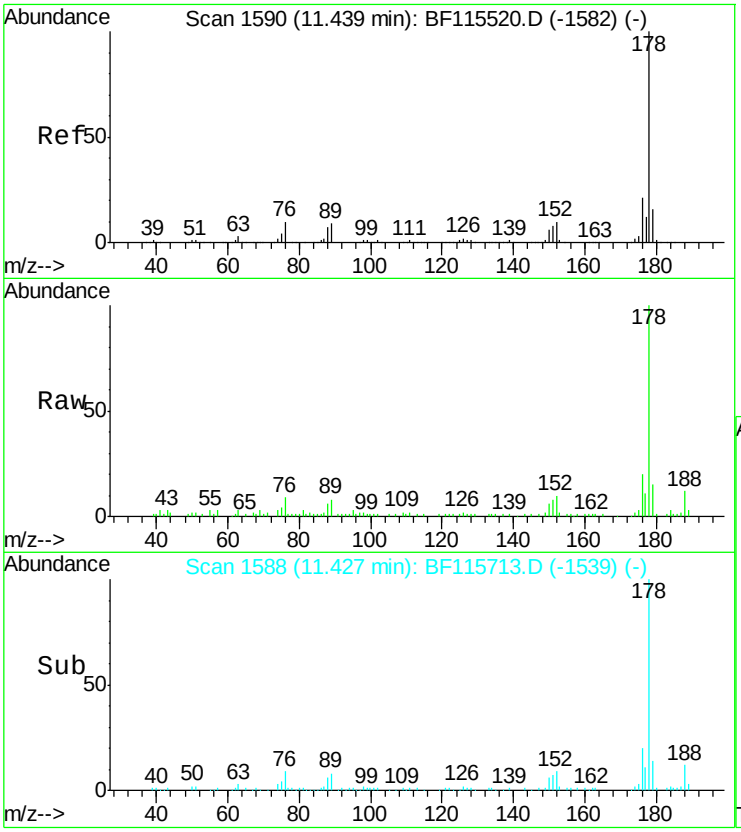


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion:188 Resp: 474843

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.8	8.6	13.0



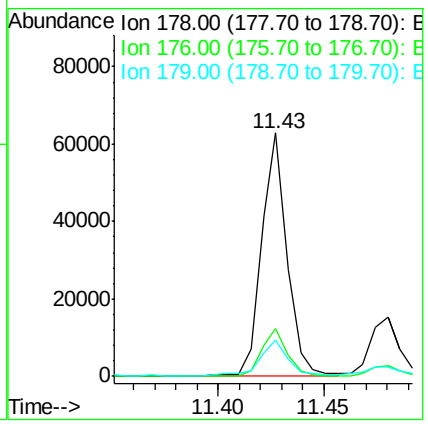


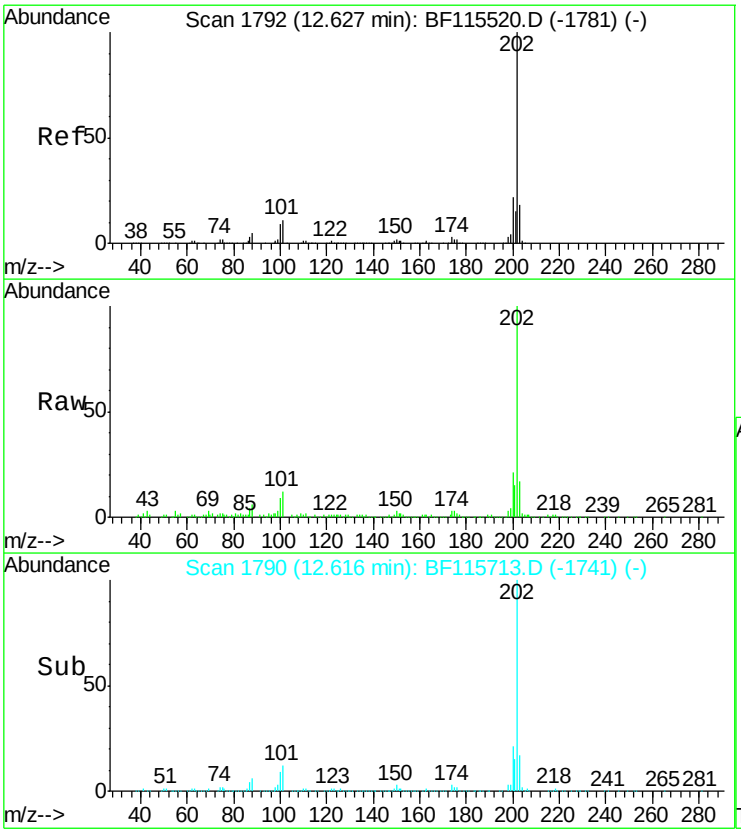
#71
Phenanthrene
Concen: 2.175 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 52928

Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.2	25.8
179	14.9	13.5	20.3

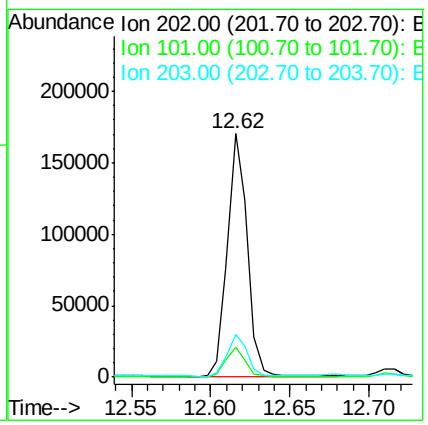


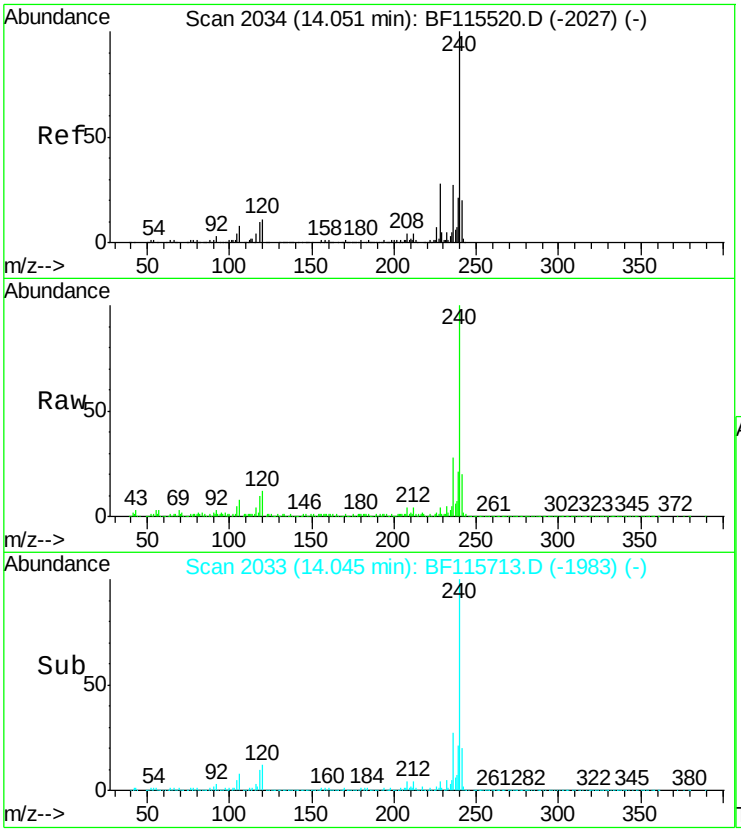


#75
Fluoranthene
Concen: 5.749 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion:202 Resp: 147882

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.4
203	17.4	0.0	38.1



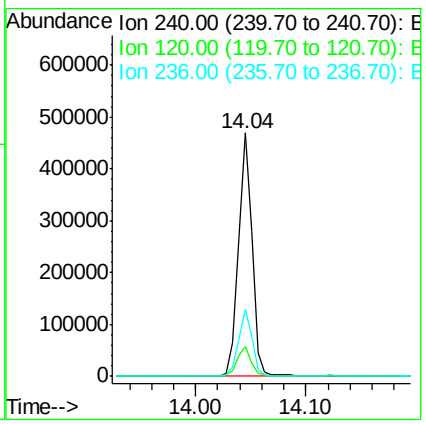


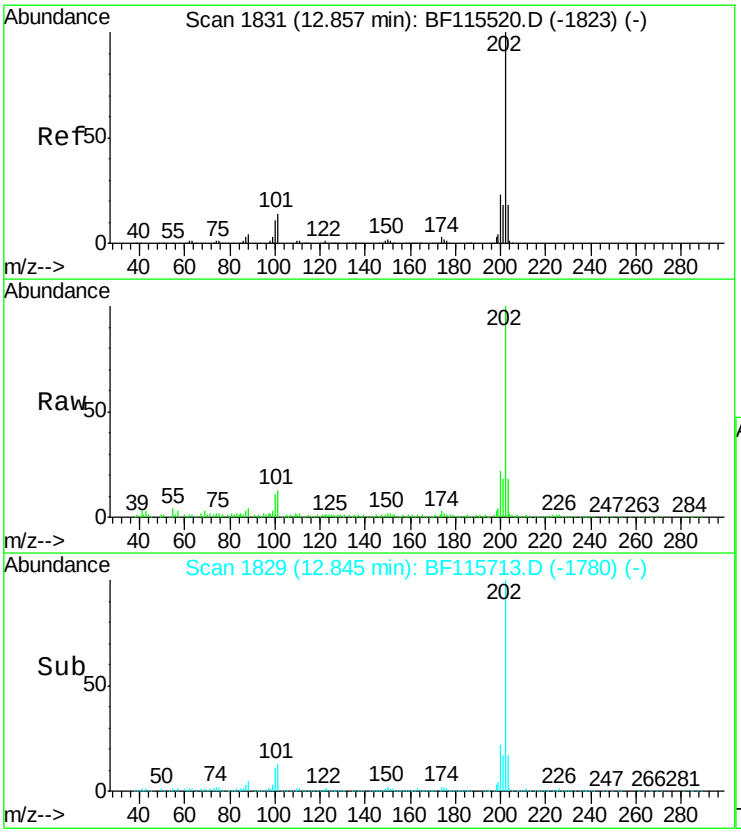
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 404860

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.6	13.0
236	27.5	21.3	31.9

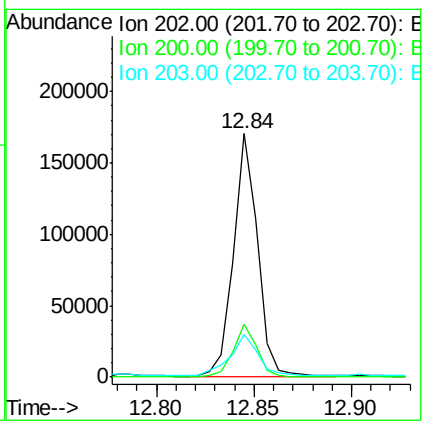


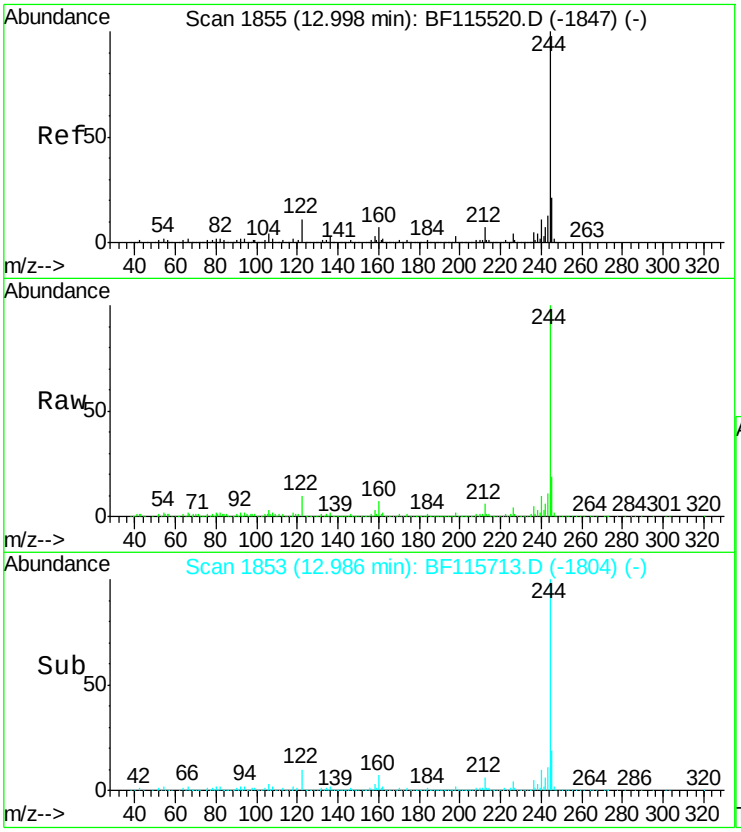


#78
Pyrene
Concen: 4.189 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion:202 Resp: 143680

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.7	28.1
203	17.6	15.2	22.8



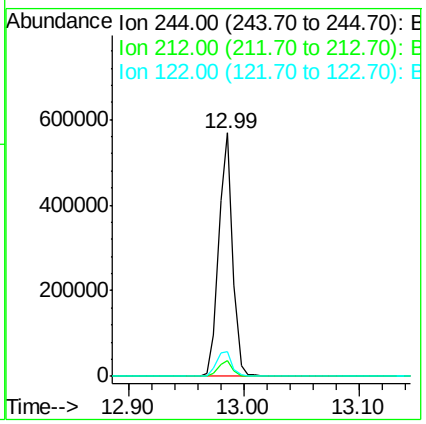


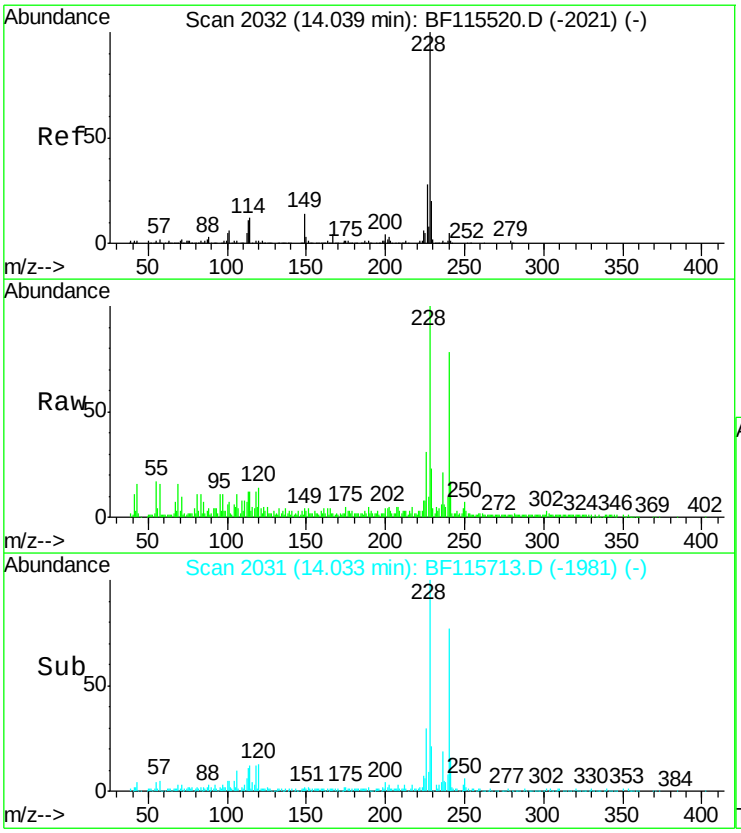
#79
Terphenyl-d14
Concen: 21.636 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 474734

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	10.4	8.6	12.8

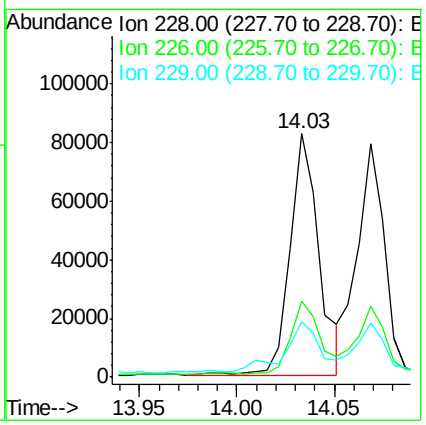


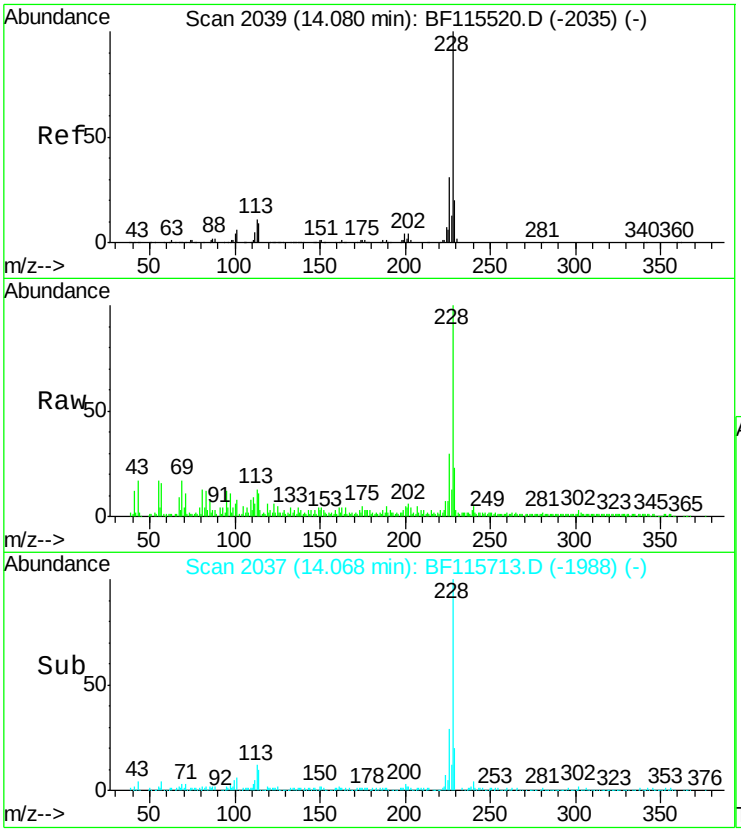


#81
Benzo(a)anthracene
Concen: 3.173 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion:228 Resp: 84632

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	22.7	17.2	25.8



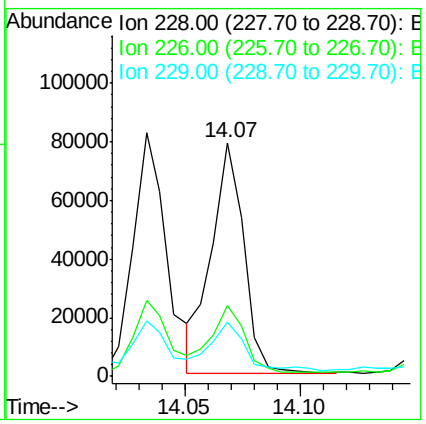


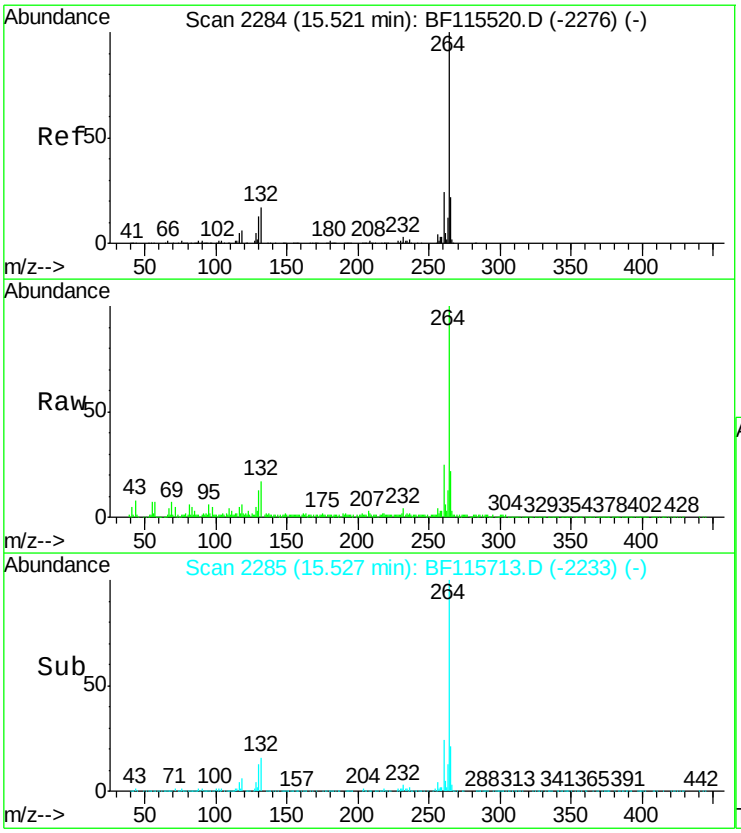
#83
Chrysene
Concen: 2.865 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 76706

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.7	38.5
229	22.9	16.6	25.0

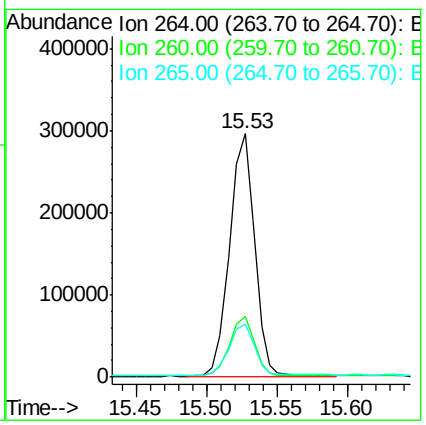


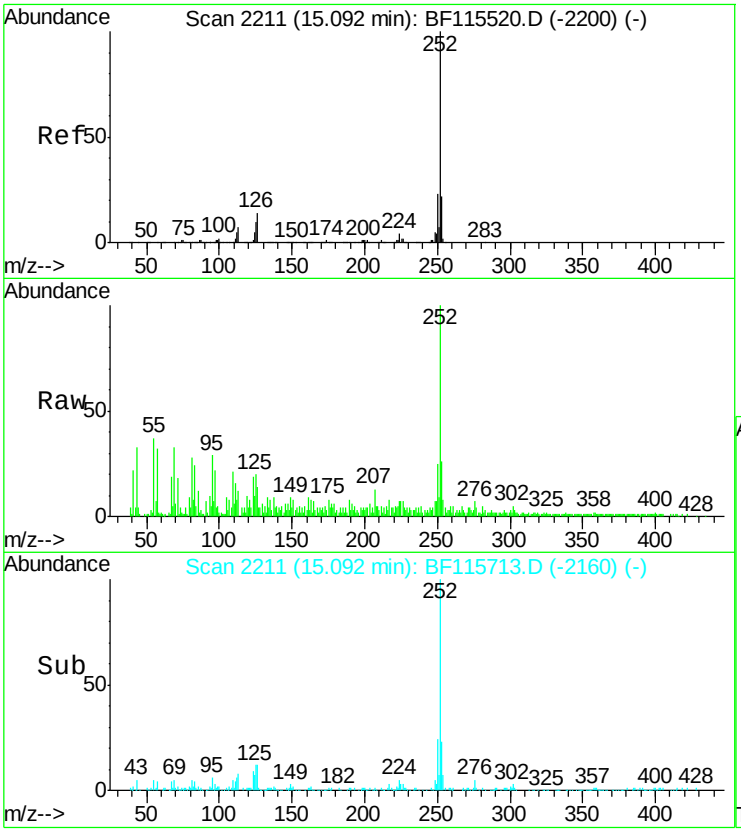


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion:264 Resp: 366714

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.8	17.7	26.5



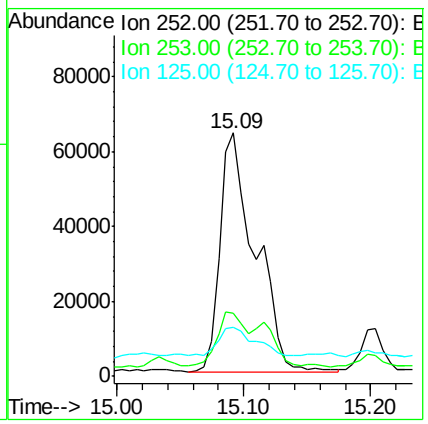


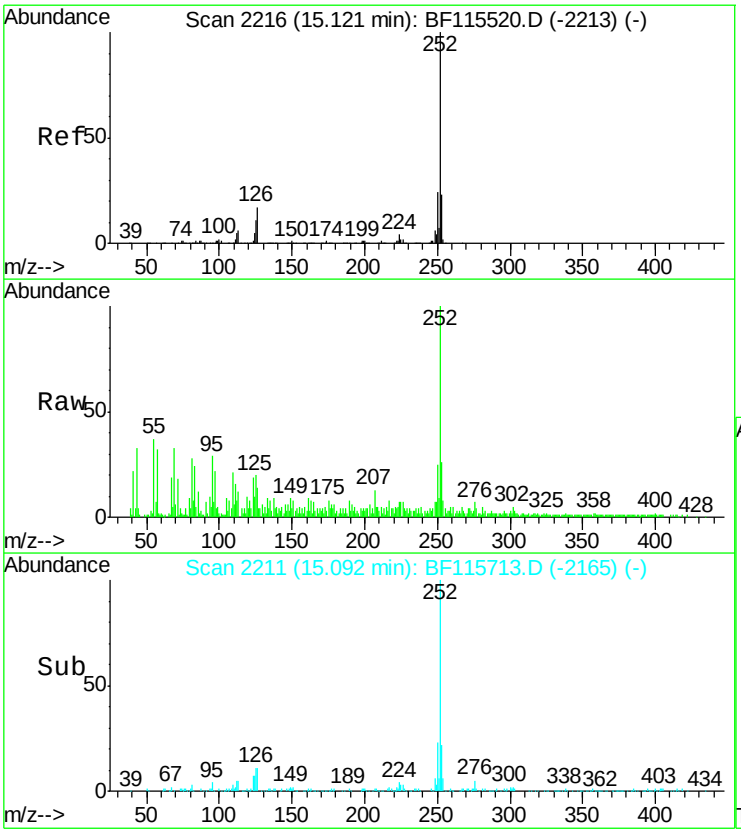
#88
Benzo(b)fluoranthene
Concen: 5.234 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 123587

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.1	27.1
125	19.9	9.0	13.4#

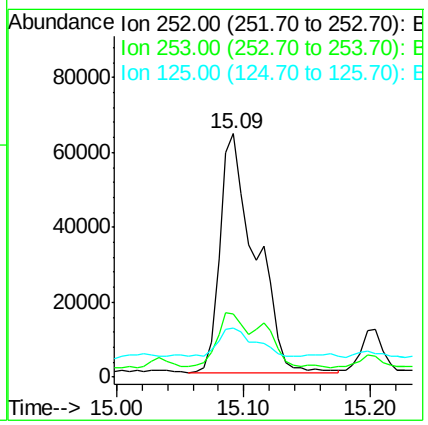


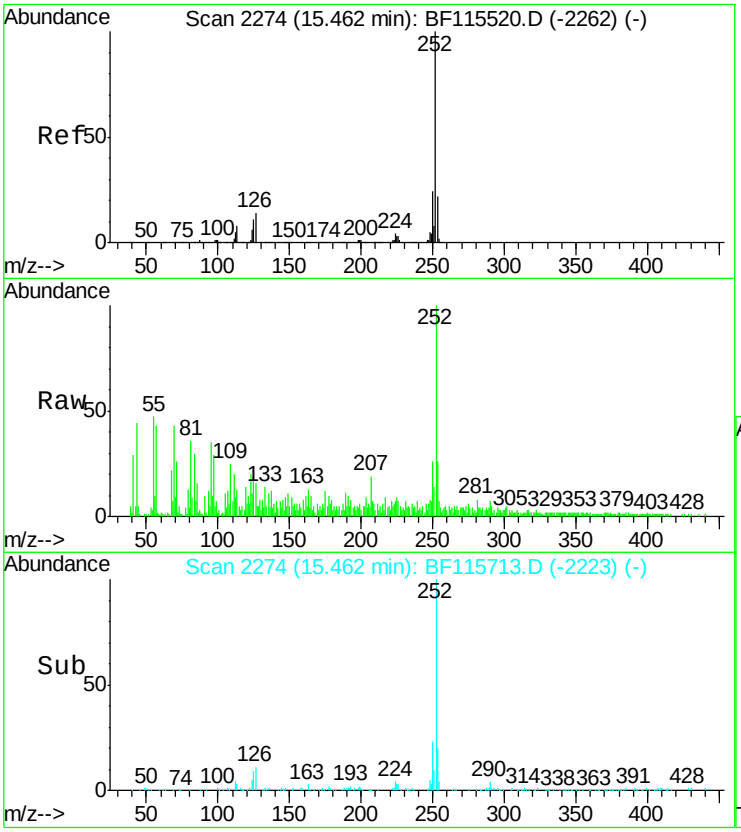


#89
Benzo(k)fluoranthene
Concen: 5.870 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Tgt Ion:252 Resp: 123587

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.6	28.0
125	19.9	9.0	13.6#





#90
Benzo(a)pyrene
Concen: 2.881 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF115713.D
Acq: 22 Jul 2019 17:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 58466

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.8	26.6
125	22.4	9.1	13.7#