Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115612.D
Acq On : 16 Jul 2019 21:58
Operator : HP/JU
Sample : K3776-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 17 03:56:02 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	6.89	152	153207	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	565279	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	248687	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	497215	20.00	ng		0.00
76) Chrysene-d12	14.04	240	355992	20.00	ng		0.00
87) Perylene-d12	15.53	264	271672	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	243746	26.02	ng		0.00
7) Phenol-d6	6.50	99	479688	40.36	ng		-0.01
23) Nitrobenzene-d5	7.44	82	283988	29.21	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	35308	12.16	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	509969	35.89	ng		-0.01
79) Terphenyl-d14	12.99	244	637069	33.02	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.44	82	278777	14.331	ng	#	65
50) Dimethylphthalate	9.63	163	72973	3.900	ng		99
57) 2,4-Dinitrotoluene	9.92	165	35592	6.461	ng	#	24
71) Phenanthrene	11.43	178	161198	6.325	ng		96
75) Fluoranthene	12.62	202	281421	10.449	ng		99
78) Pyrene	12.85	202	269955	8.950	ng		97
81) Benzo(a)anthracene	14.03	228	104490	4.455	ng		94
83) Chrysene	14.07	228	110344	4.687	ng	#	93
88) Benzo(b)fluoranthene	15.09	252	116505	6.660	ng	#	64
89) Benzo(k)fluoranthene	15.09	252	116505	7.470	ng	#	65
90) Benzo(a)pyrene	15.46	252	55818	3.712	ng	#	66
92) Benzo(g,h,i)perylene	17.46	276	44186	3.357	ng	#	74

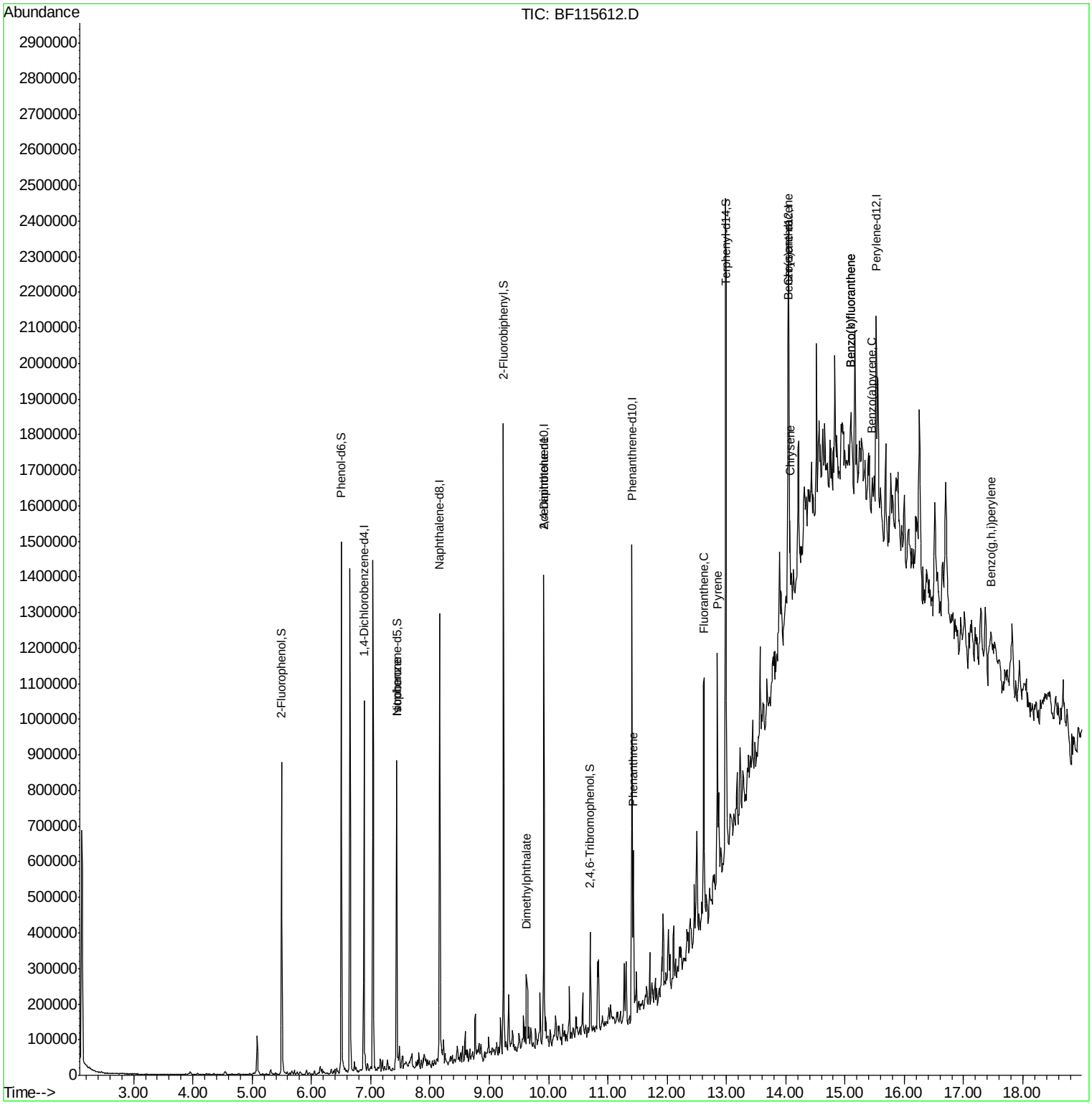
(#) = qualifier out of range (m) = manual integration (+) = signals summed

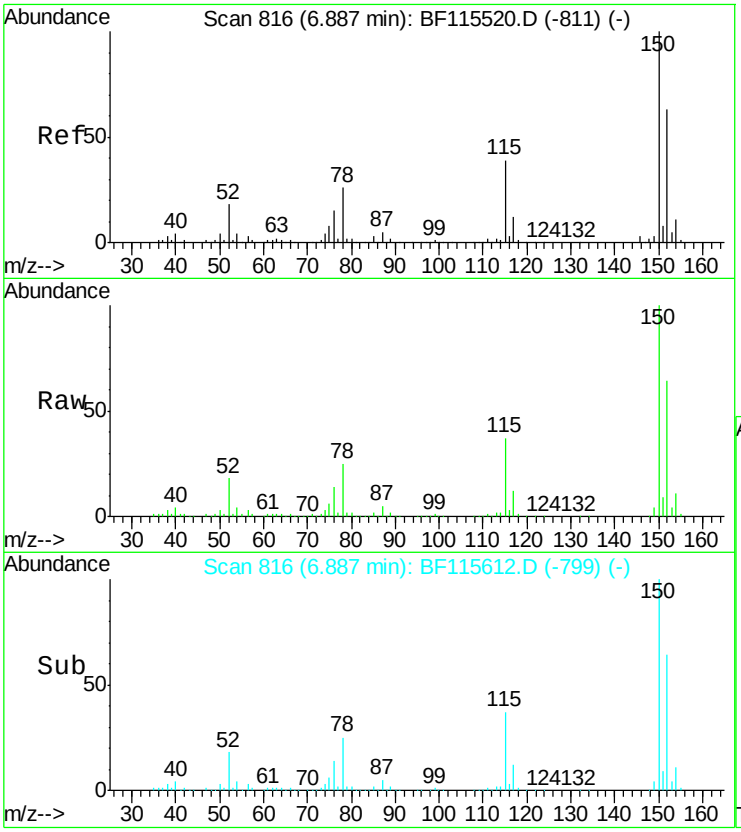
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115612.D
Acq On : 16 Jul 2019 21:58
Operator : HP/JU
Sample : K3776-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 17 03:56:02 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



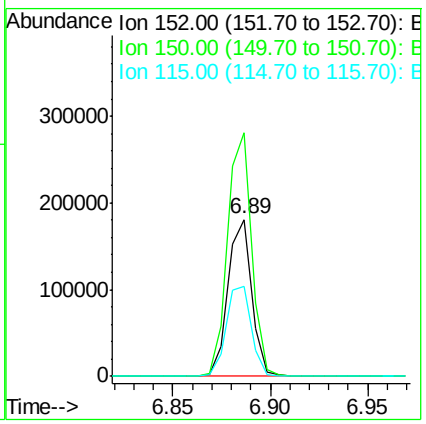


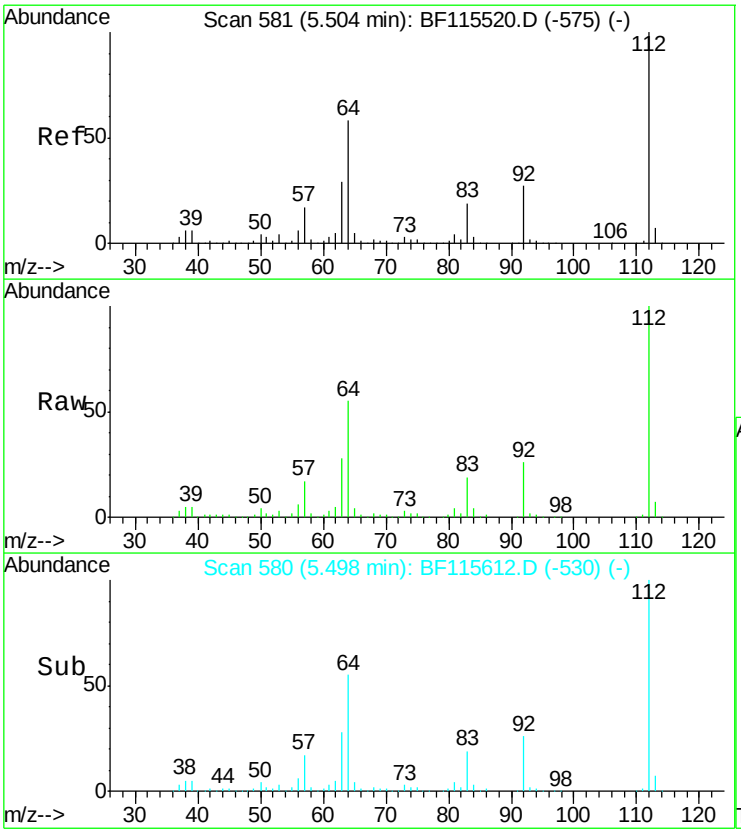
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 153207

Ion	Ratio	Lower	Upper
152	100		
150	155.1	129.7	194.5
115	57.4	48.2	72.4

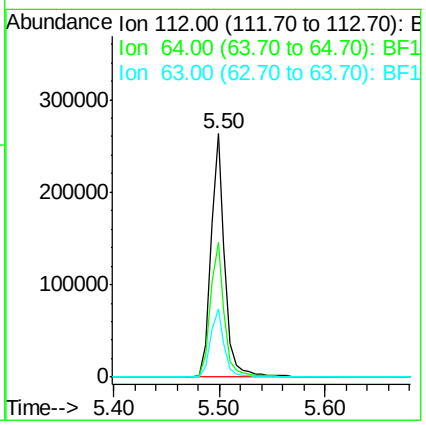


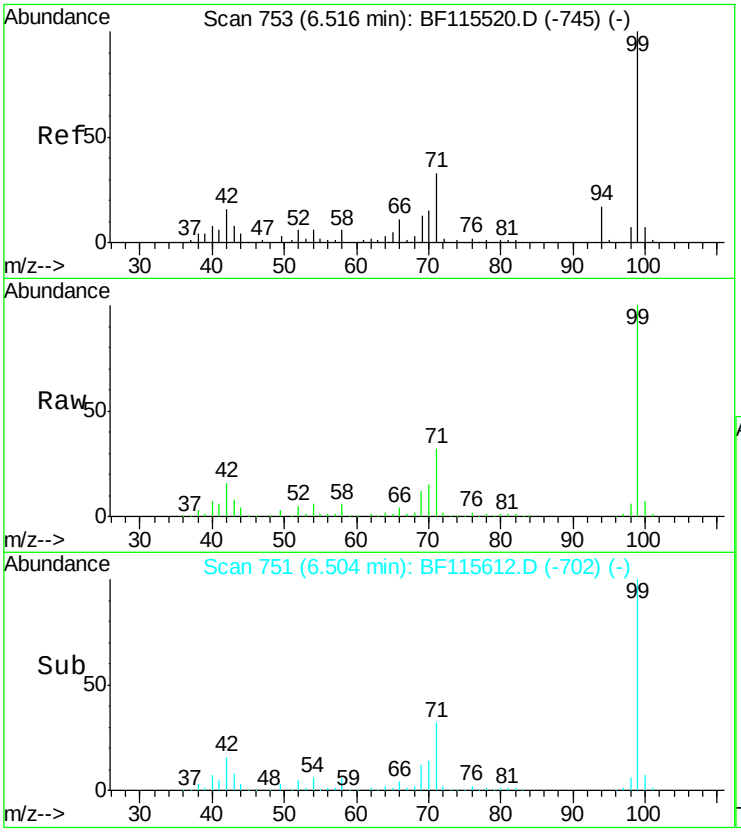


#5
2-Fluorophenol
Concen: 26.023 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Tgt Ion:112 Resp: 243746

Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.8	70.2
63	28.1	24.1	36.1



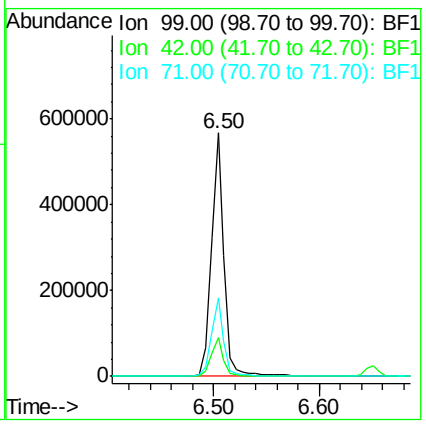


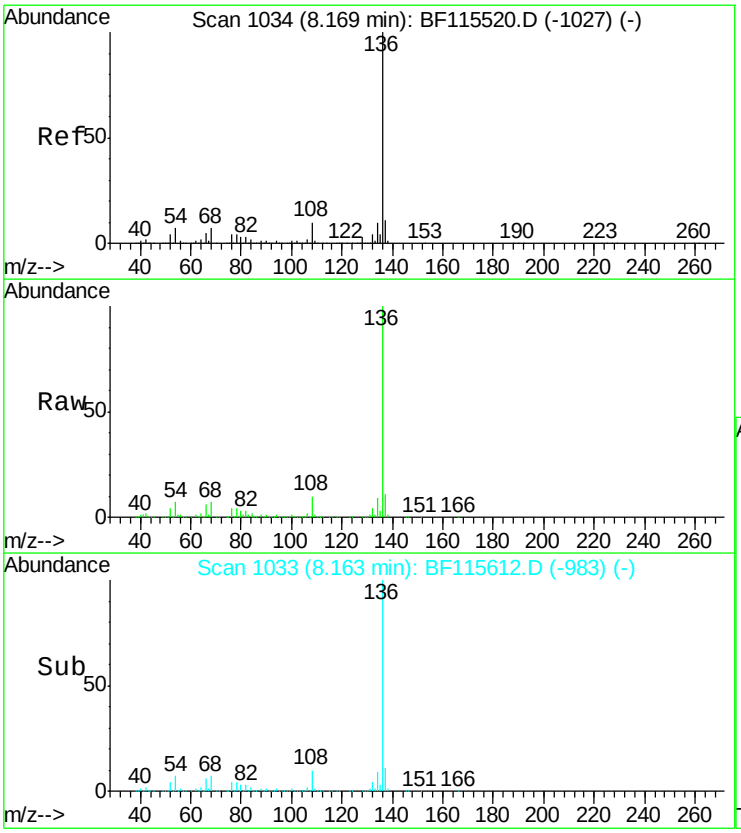
#7
Phenol-d6
Concen: 40.361 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 479688

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.6	20.4
71	32.2	28.5	42.7

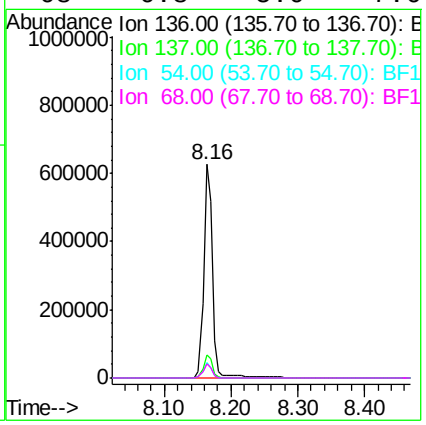


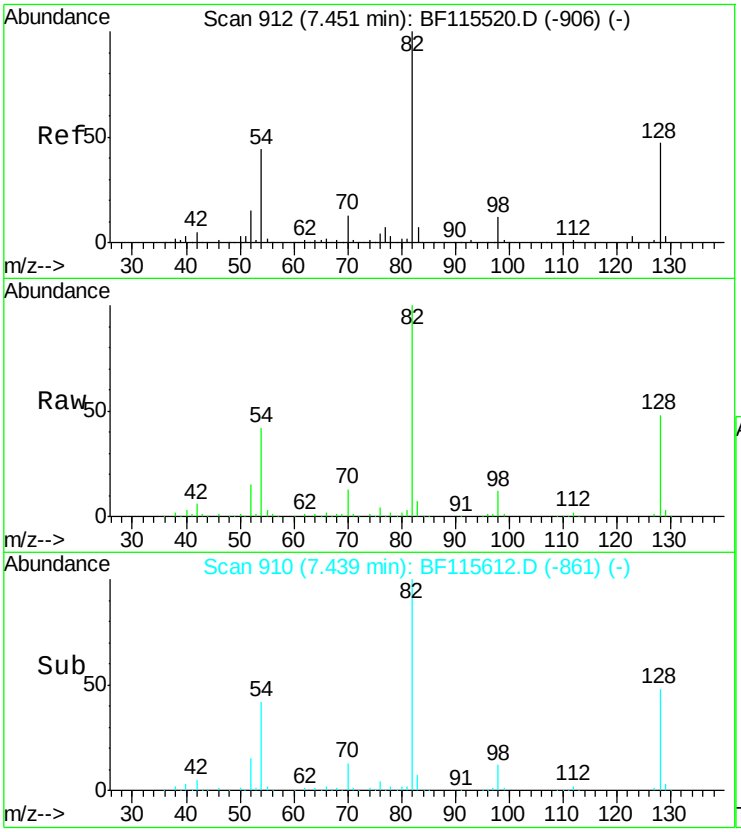


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Tgt Ion:136 Resp: 565279

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.4	5.6	8.4
68	6.8	5.0	7.6



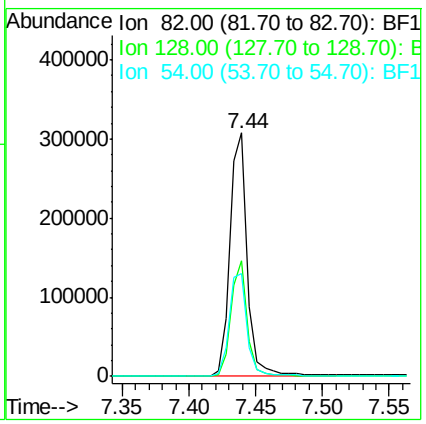


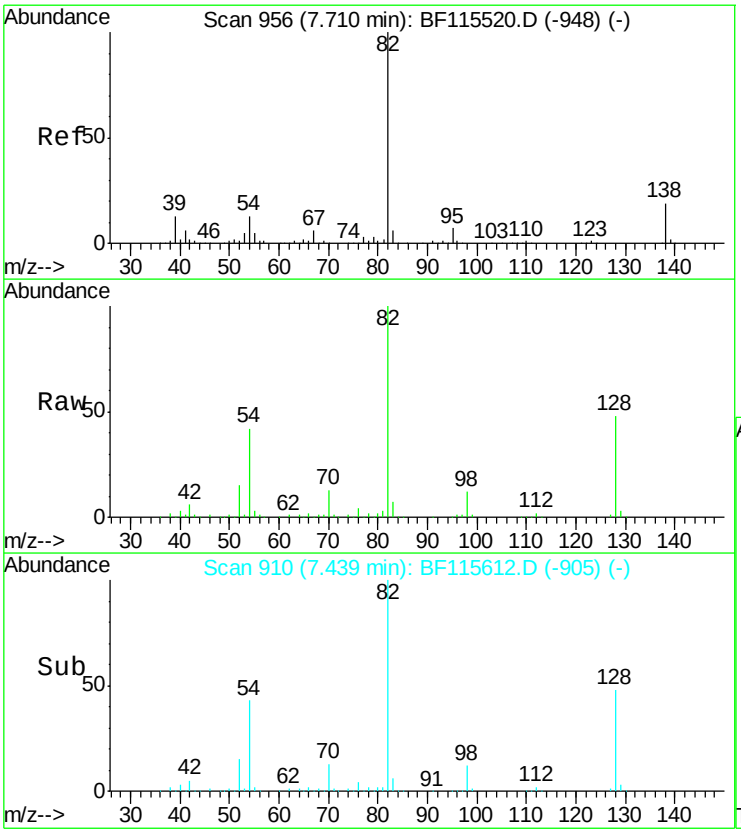
#23
Nitrobenzene-d5
Concen: 29.212 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 283988

Ion	Ratio	Lower	Upper
82	100		
128	47.7	38.6	57.8
54	42.4	35.6	53.4

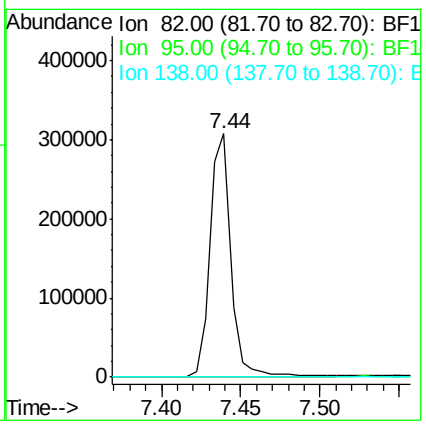


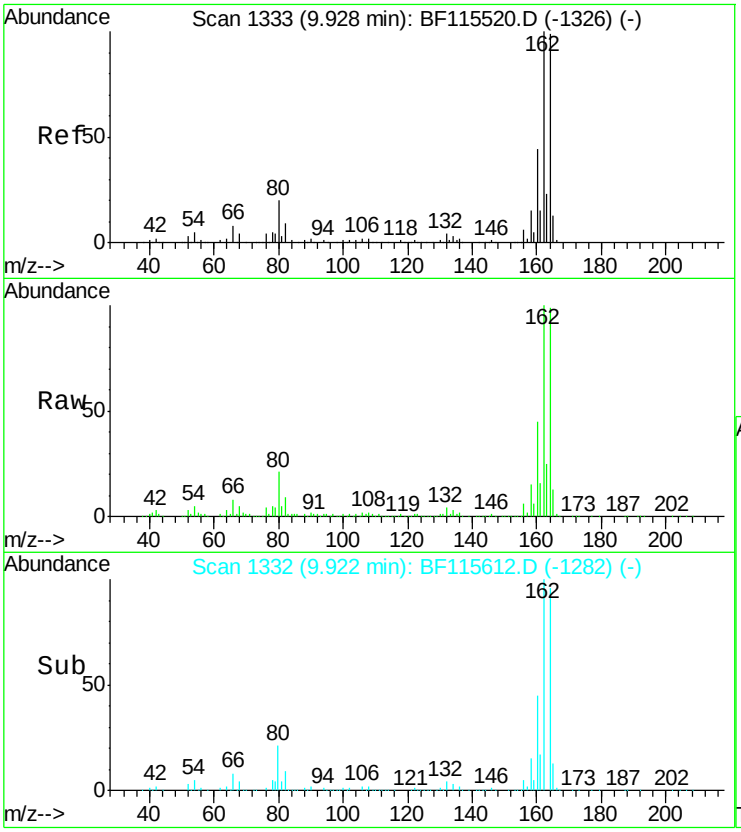


#25
Isophorone
Concen: 14.331 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Tgt Ion: 82 Resp: 278777

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.5	8.3#
138	0.0	14.9	22.3#

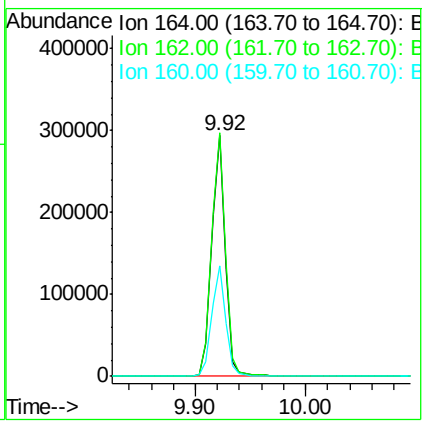




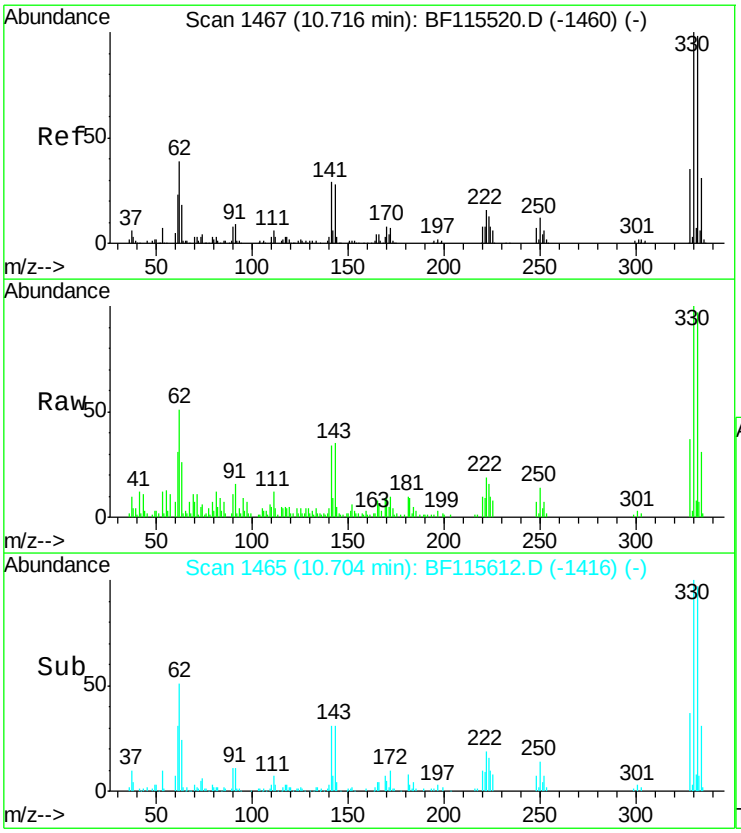
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Tgt Ion:164 Resp: 248687

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.9	124.3
160	45.8	36.8	55.2



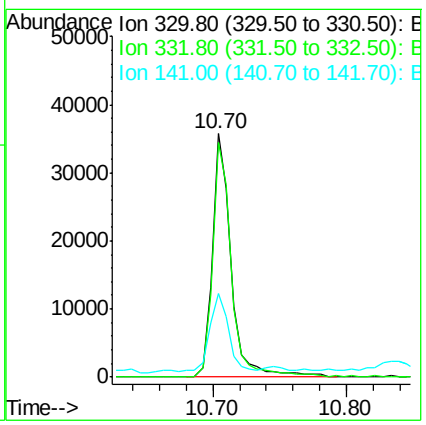
Instrument :
BNA_F
ClientSampleId :

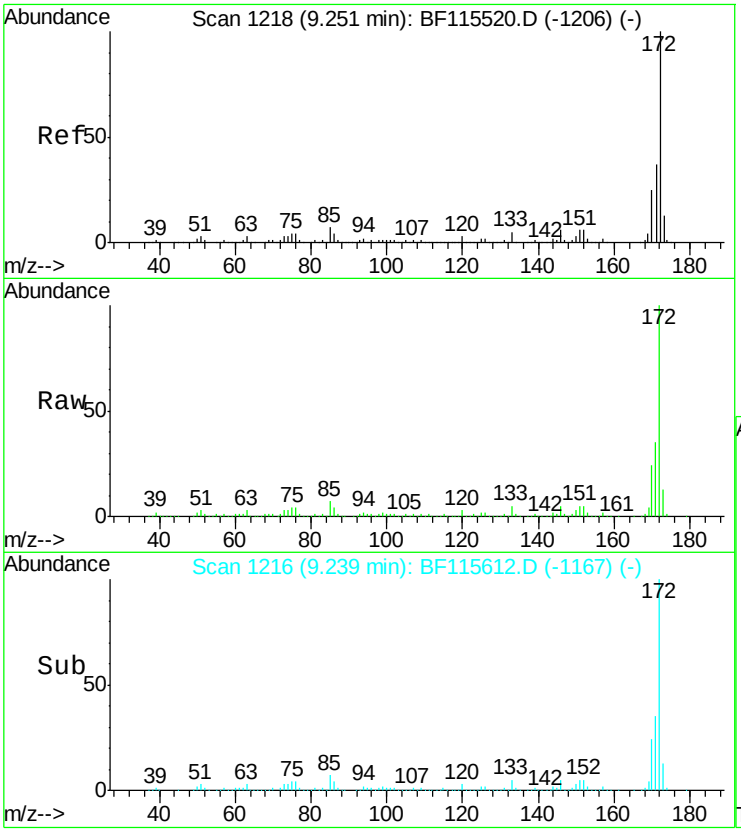


#42
2,4,6-Tribromophenol
Concen: 12.164 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Tgt Ion:330 Resp: 35308

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	32.3	22.4	33.6



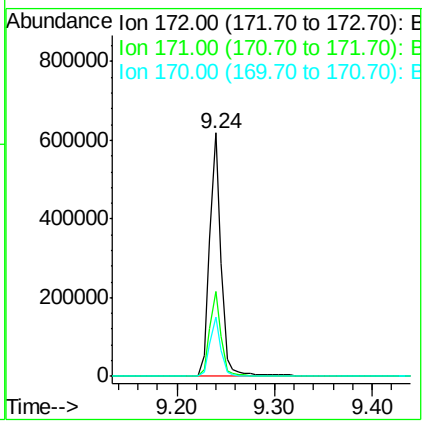


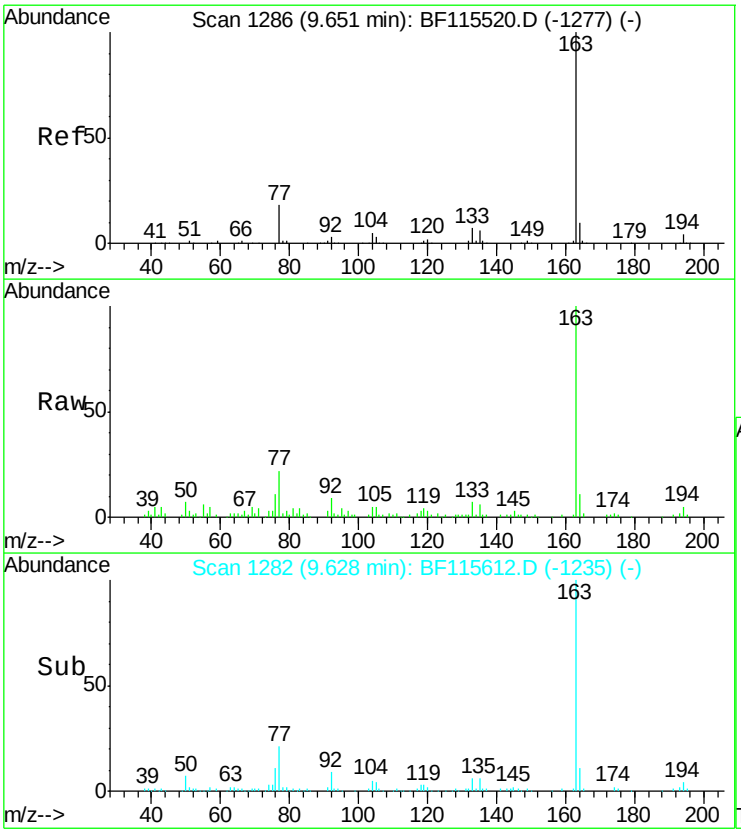
#45
2-Fluorobiphenyl
Concen: 35.892 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 509969

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.6	46.0
170	24.1	20.5	30.7

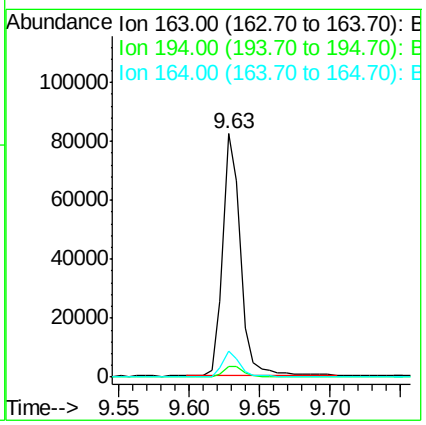


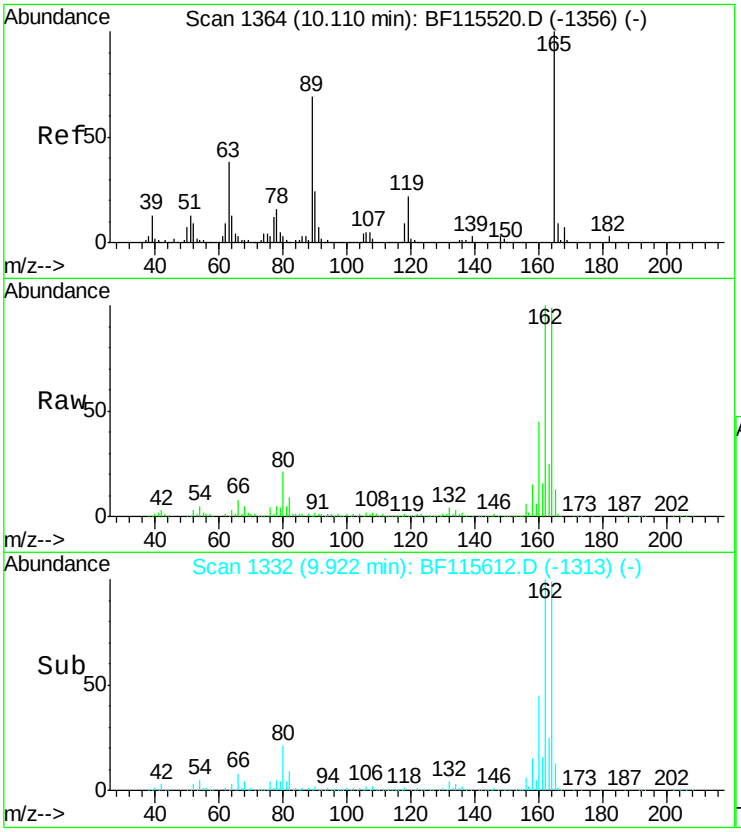


#50
Dimethylphthalate
Concen: 3.900 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Tgt Ion:163 Resp: 72973

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.3	4.9
164	10.6	8.7	13.1



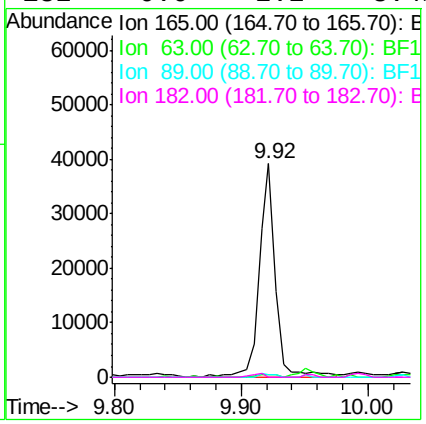


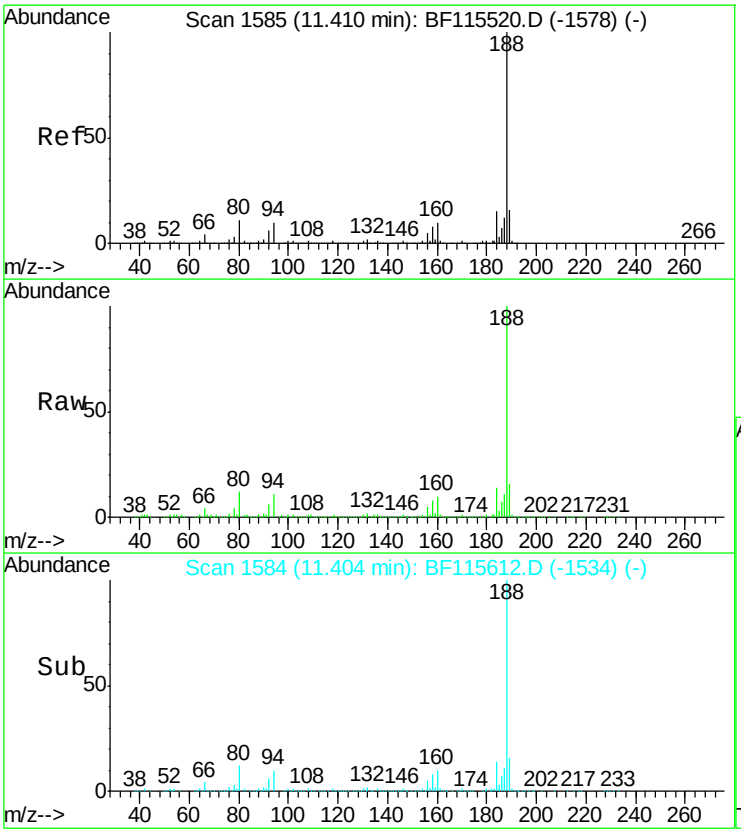
#57
2,4-Dinitrotoluene
Concen: 6.461 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35592

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.9	52.3#
89	1.5	57.5	86.3#
182	0.0	2.2	3.4#

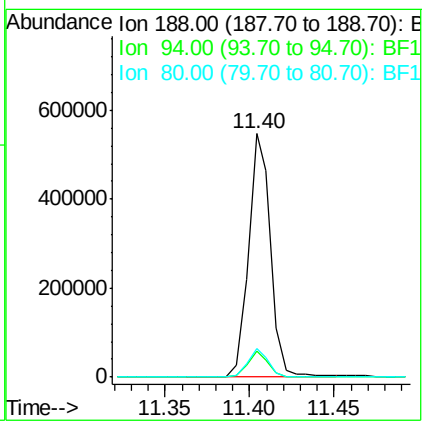


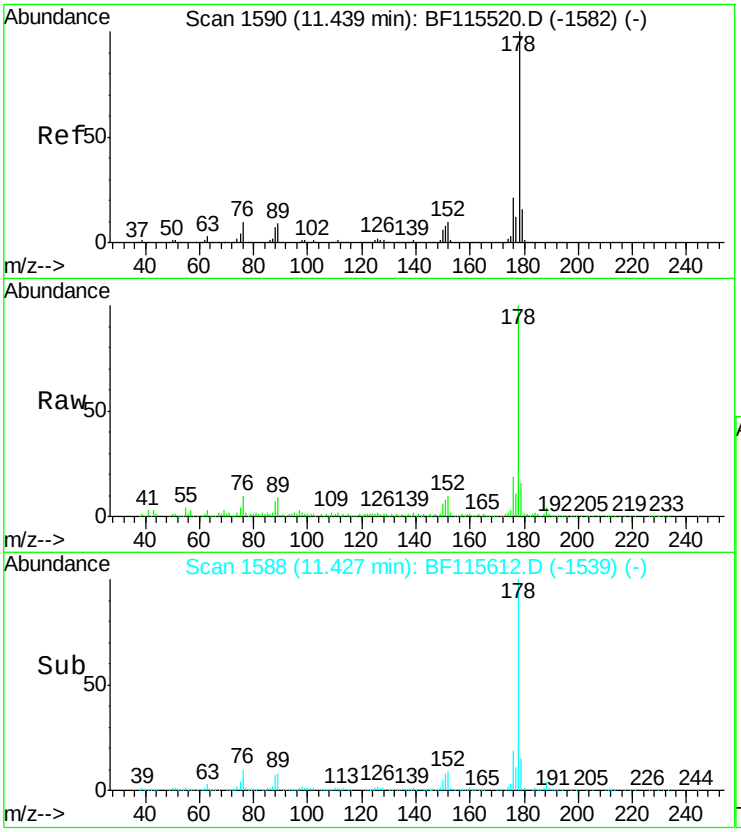


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Tgt Ion:188 Resp: 497215

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.8	11.6
80	11.8	8.6	13.0



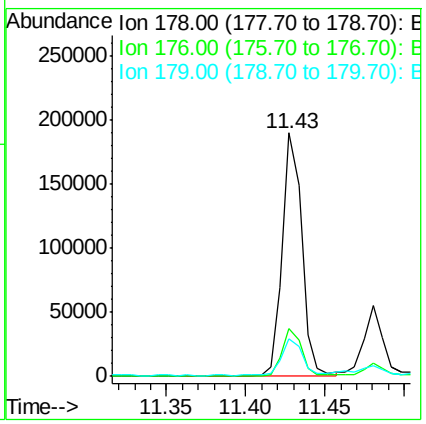


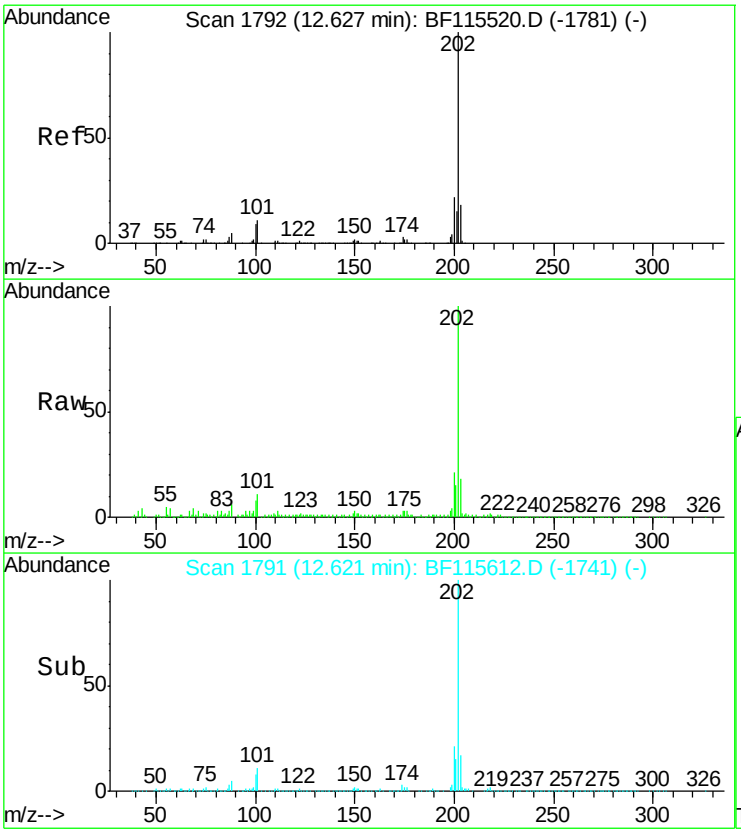
#71
Phenanthrene
Concen: 6.325 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 161198

Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.2	25.8
179	15.5	13.5	20.3

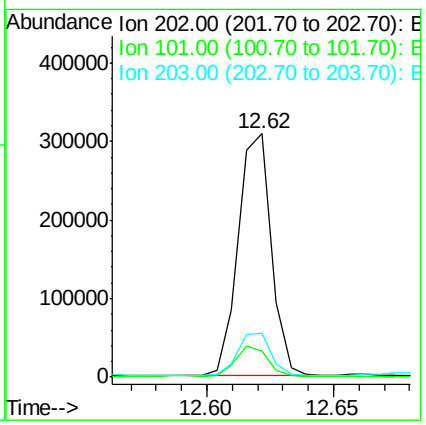


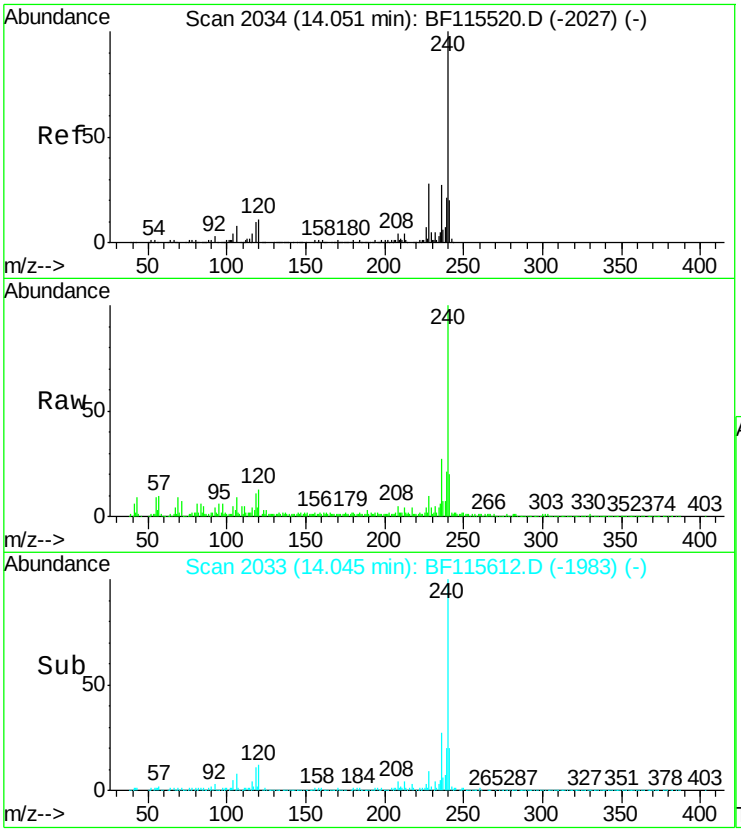


#75
Fluoranthene
Concen: 10.449 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Tgt Ion:202 Resp: 281421

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.4
203	17.8	0.0	38.1



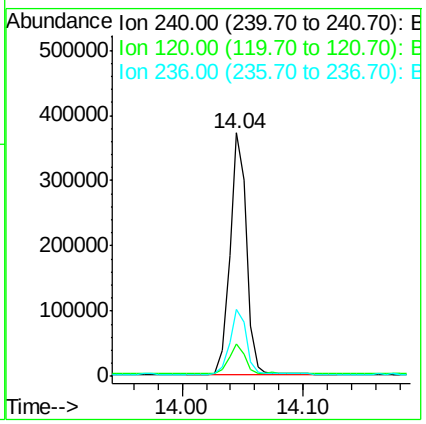


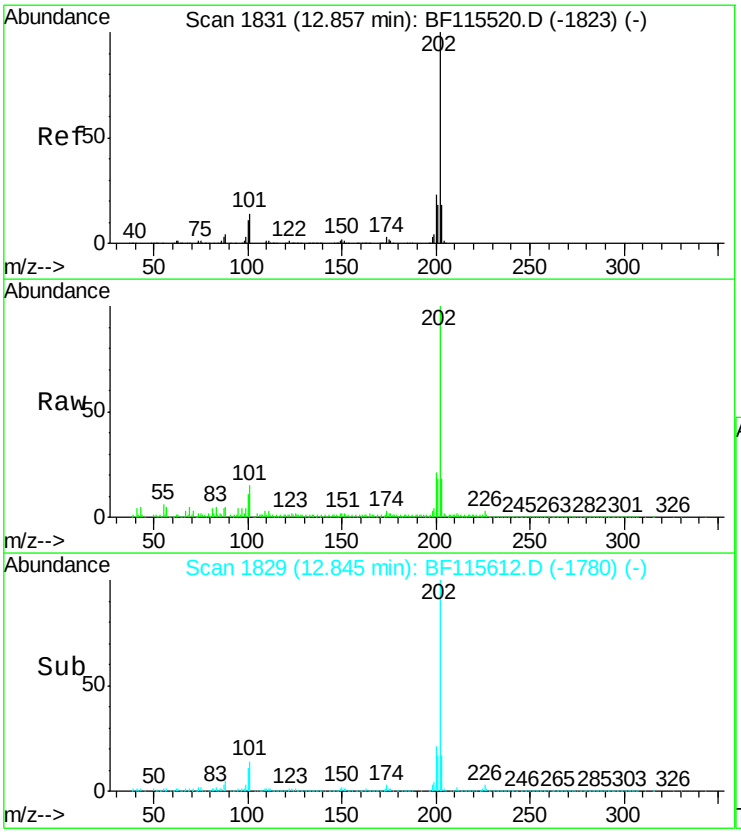
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 355992

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.6	13.0#
236	27.4	21.3	31.9

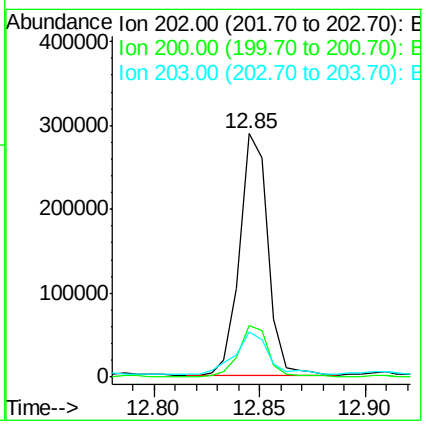


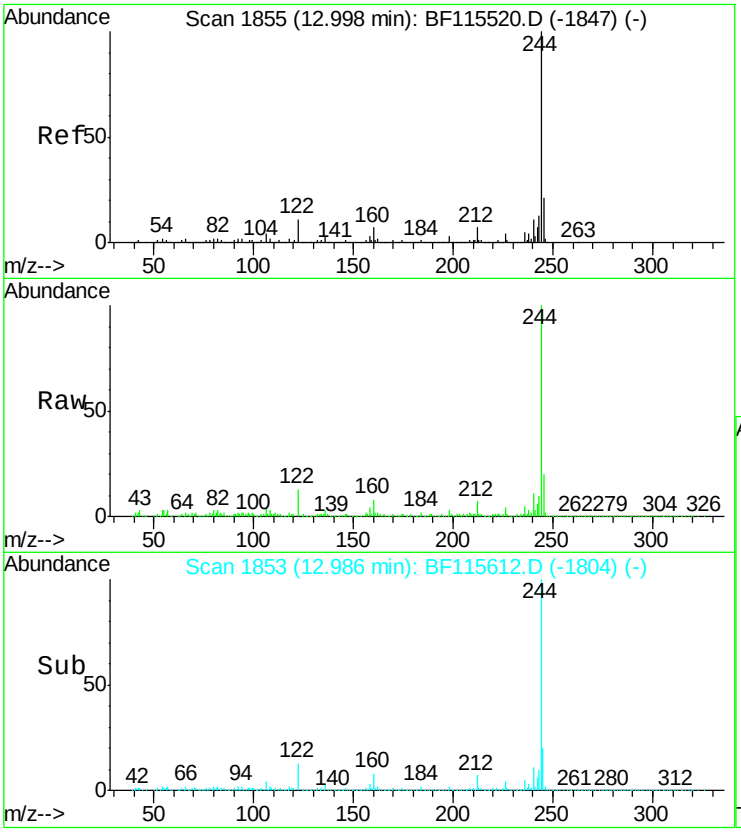


#78
Pyrene
Concen: 8.950 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Tgt Ion:202 Resp: 269955

Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.7	28.1
203	18.4	15.2	22.8



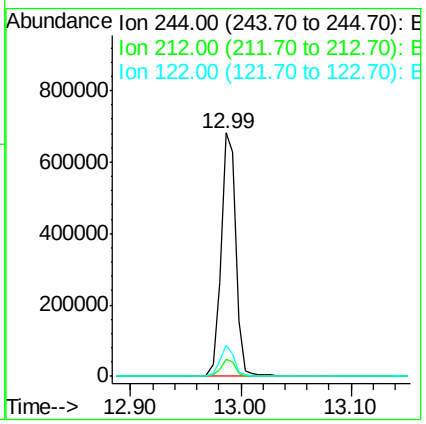


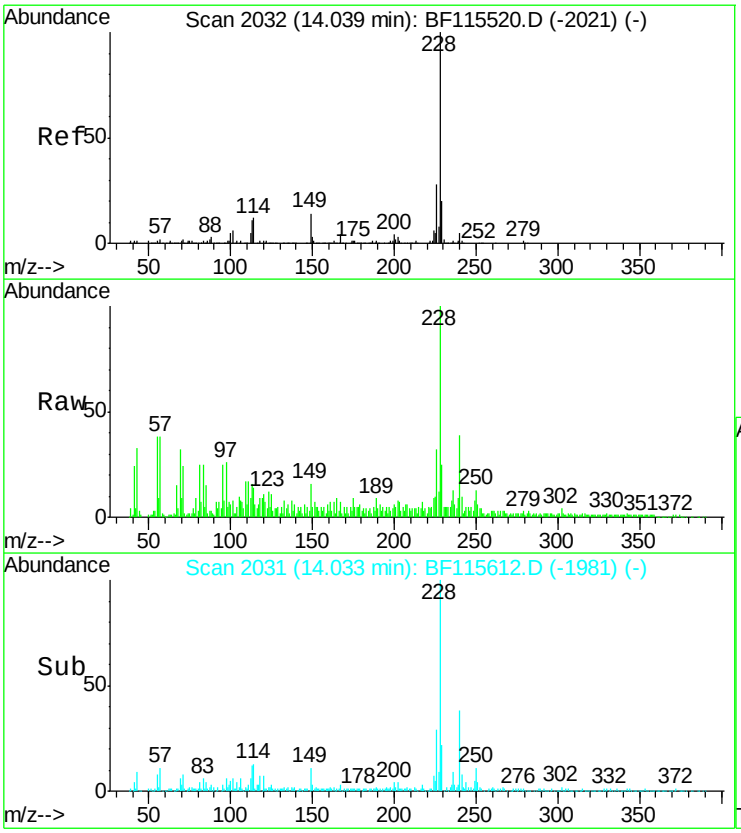
#79
Terphenyl-d14
Concen: 33.020 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 637069

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	12.8	8.6	12.8

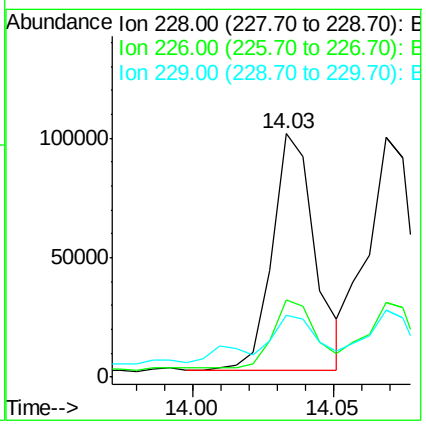


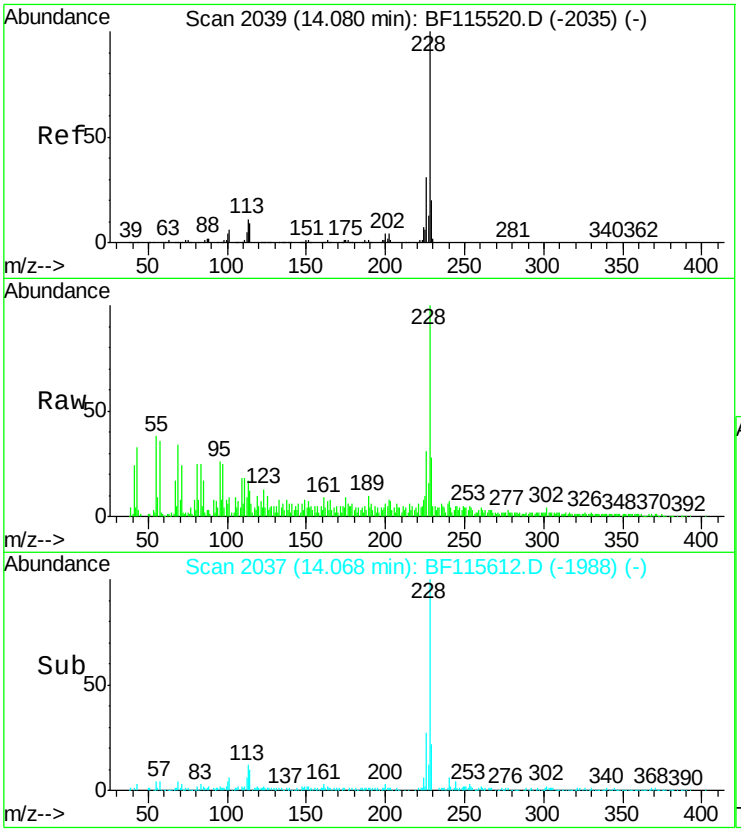


#81
Benzo(a)anthracene
Concen: 4.455 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Tgt Ion:228 Resp: 104490

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.0
229	25.3	17.2	25.8



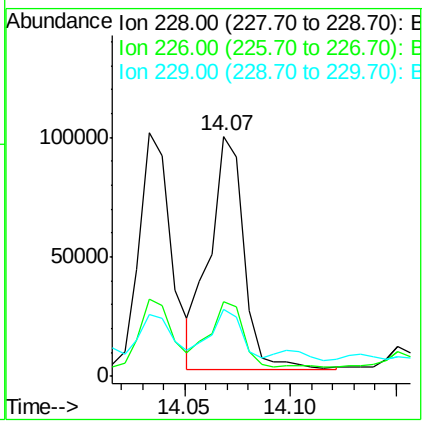


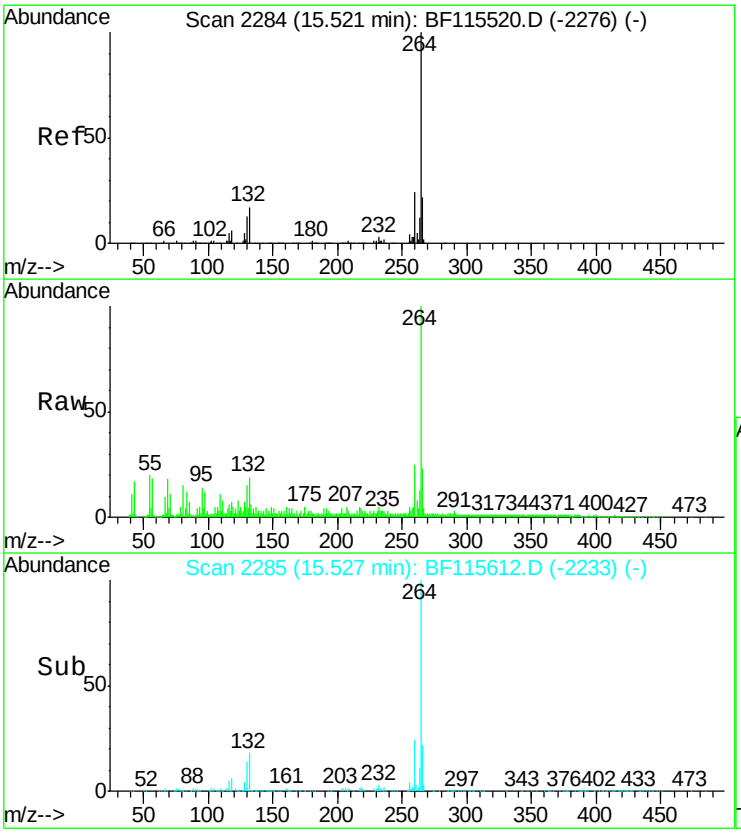
#83
Chrysene
Concen: 4.687 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 110344

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.7	38.5
229	28.0	16.6	25.0#

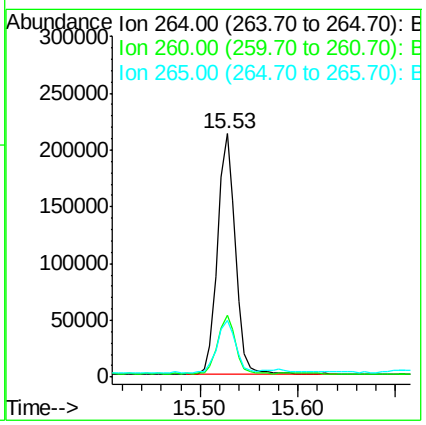


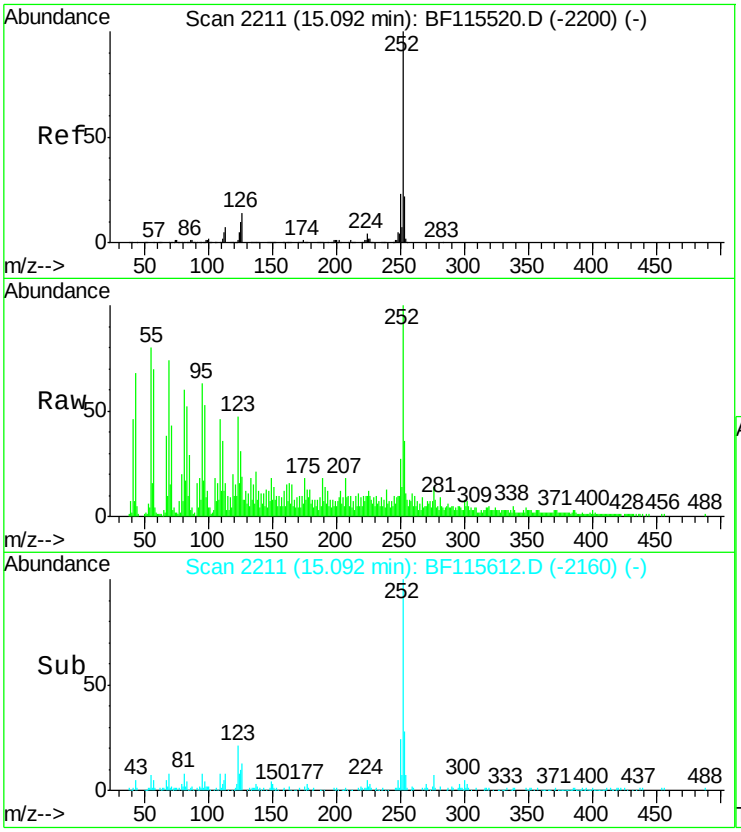


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Tgt Ion:264 Resp: 271672

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.8
265	23.3	17.7	26.5



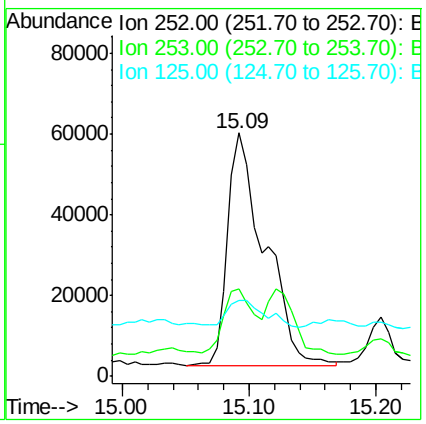


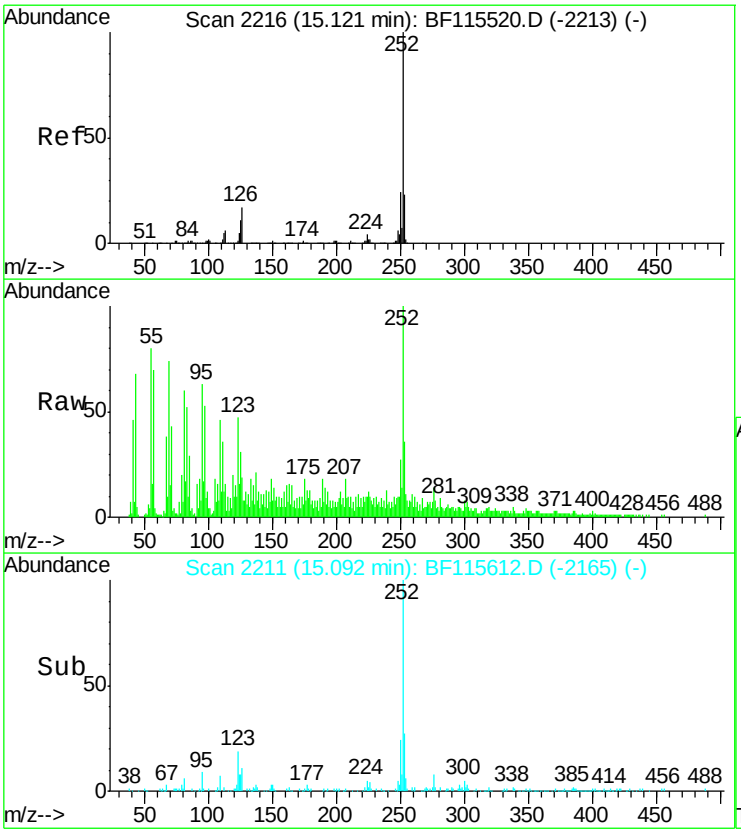
#88
Benzo(b)fluoranthene
Concen: 6.660 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 116505

Ion	Ratio	Lower	Upper
252	100		
253	36.1	18.1	27.1#
125	31.3	9.0	13.4#

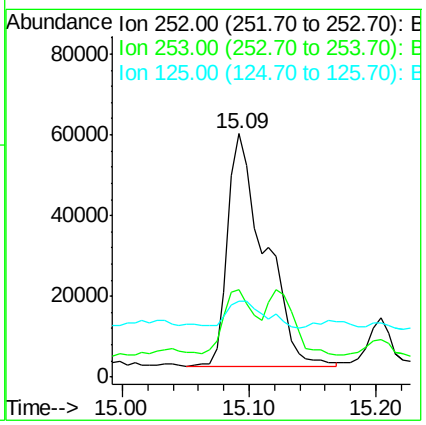


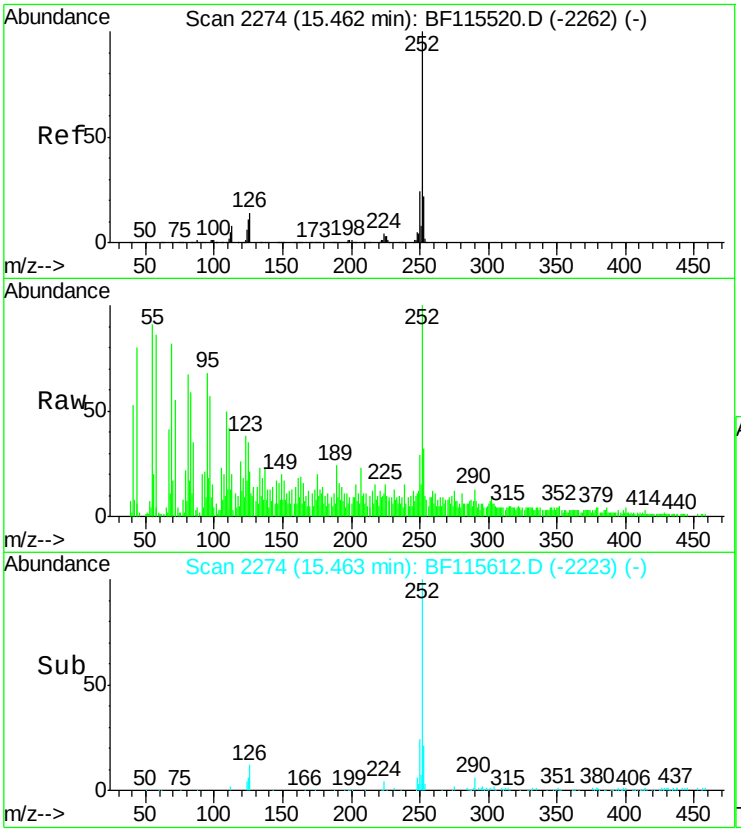


#89
Benzo(k)fluoranthene
Concen: 7.470 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Tgt Ion:252 Resp: 116505

Ion	Ratio	Lower	Upper
252	100		
253	36.1	18.6	28.0#
125	31.3	9.0	13.6#



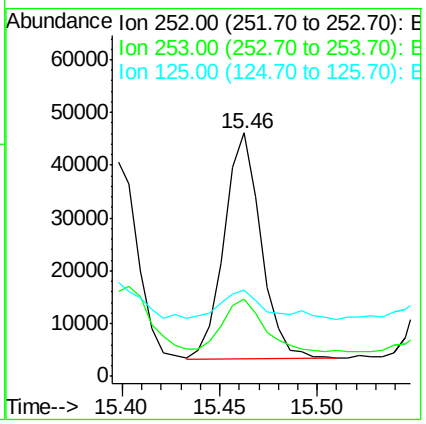


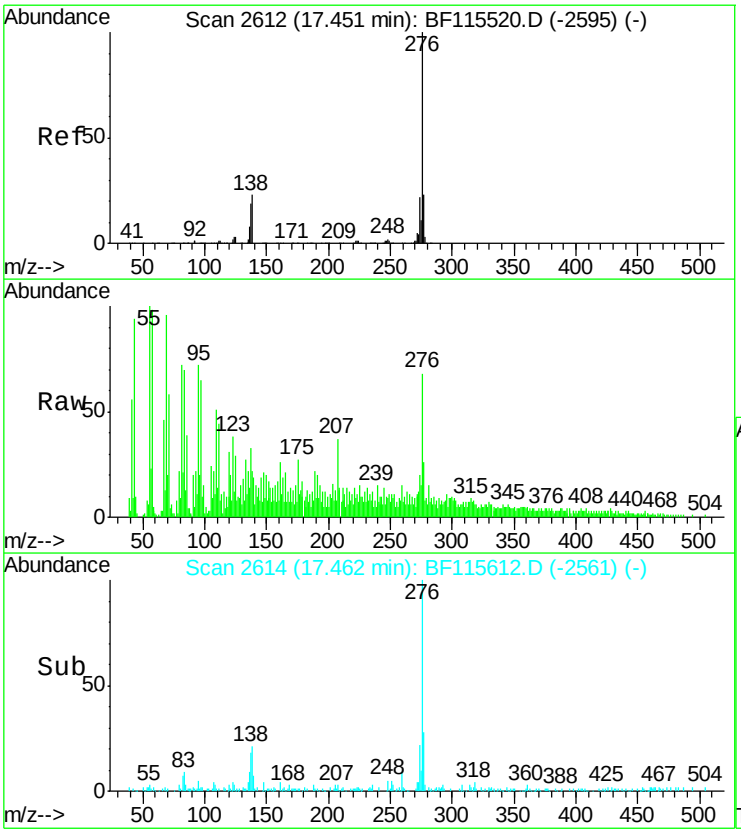
#90
Benzo(a)pyrene
Concen: 3.712 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55818

Ion	Ratio	Lower	Upper
252	100		
253	31.7	17.8	26.6#
125	35.5	9.1	13.7#





#92
Benzo(g,h,i)perylene
Concen: 3.357 ng
RT: 17.46 min Scan# 2614
Delta R.T. 0.01 min
Lab File: BF115612.D
Acq: 16 Jul 2019 21:58

Tgt Ion:276 Resp: 44186

Ion	Ratio	Lower	Upper
276	100		
277	37.9	19.0	28.4#
138	32.4	17.2	25.8#