Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115609.D
Acq On : 16 Jul 2019 20:38
Operator : HP/JU
Sample : K3622-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 17 03:55:07 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	144706	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	410412	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	190140	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	378000	20.00	ng		0.00
76) Chrysene-d12	14.04	240	404394	20.00	ng		-0.01
87) Perylene-d12	15.52	264	335628	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	368059	41.60	ng		0.00
7) Phenol-d6	6.50	99	434964	38.75	ng		-0.01
23) Nitrobenzene-d5	7.43	82	218646	30.98	ng		-0.02
42) 2,4,6-Tribromophenol	10.70	330	89850	40.48	ng		-0.01
45) 2-Fluorobiphenyl	9.24	172	400673	36.88	ng		-0.01
79) Terphenyl-d14	12.99	244	591297	26.98	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	29756	4.064	ng	#	81
25) Isophorone	7.43	82	214084	15.158	ng	#	64
50) Dimethylphthalate	9.63	163	49383	3.452	ng		99
71) Phenanthrene	11.43	178	89494	4.619	ng		96
75) Fluoranthene	12.62	202	199823	9.759	ng		99
78) Pyrene	12.85	202	258902	7.557	ng		96
81) Benzo(a)anthracene	14.03	228	126551	4.750	ng		92
83) Chrysene	14.07	228	132020	4.936	ng		96
86) Indeno(1,2,3-cd)pyrene	16.99	276	47671	2.098	ng		96
88) Benzo(b)fluoranthene	15.09	252	167986	7.773	ng	#	88
89) Benzo(k)fluoranthene	15.09	252	167986	8.718	ng	#	89
90) Benzo(a)pyrene	15.45	252	91514	4.927	ng	#	87
92) Benzo(g,h,i)perylene	17.44	276	49422	3.039	ng	#	87

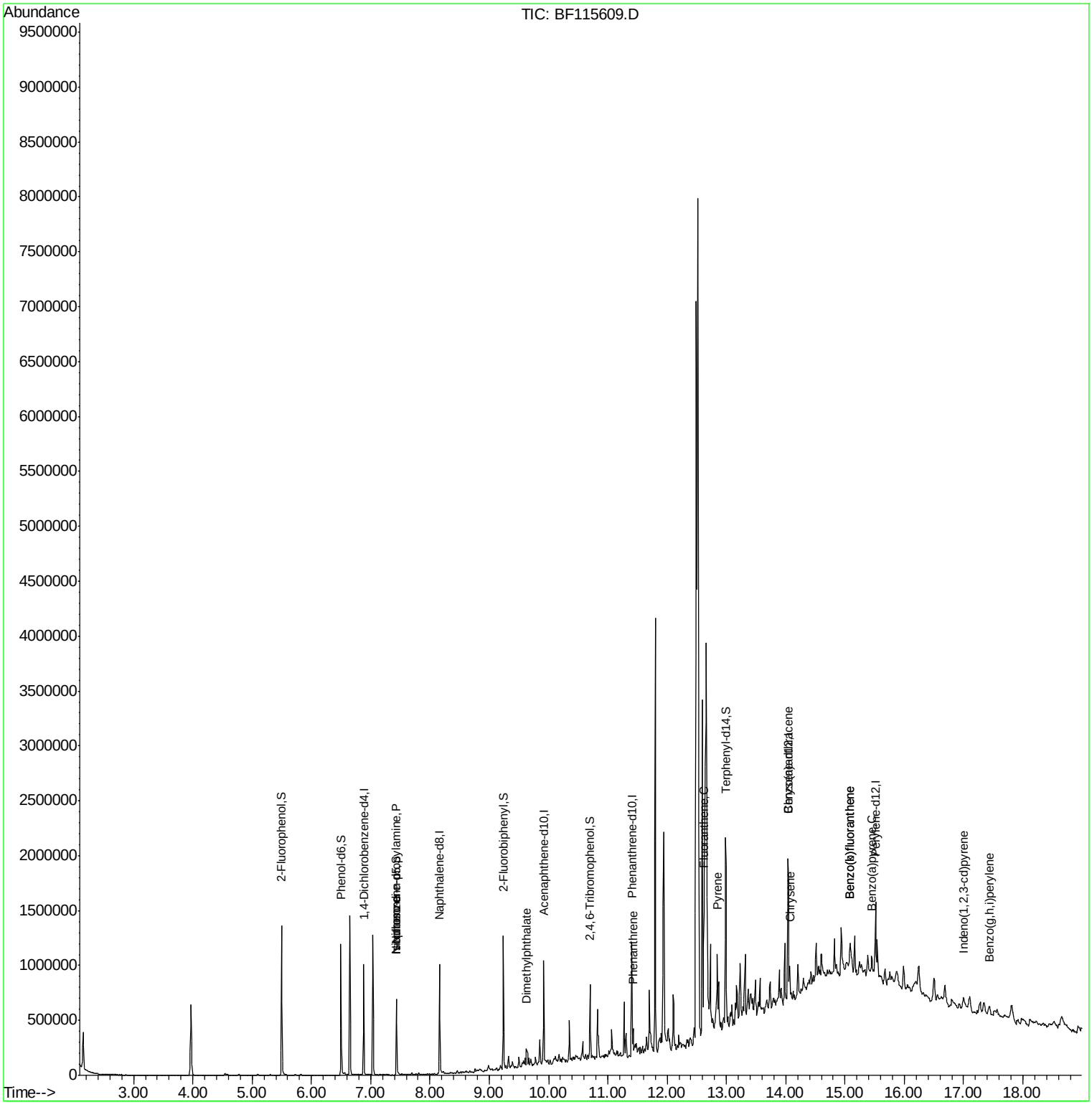
(#) = qualifier out of range (m) = manual integration (+) = signals summed

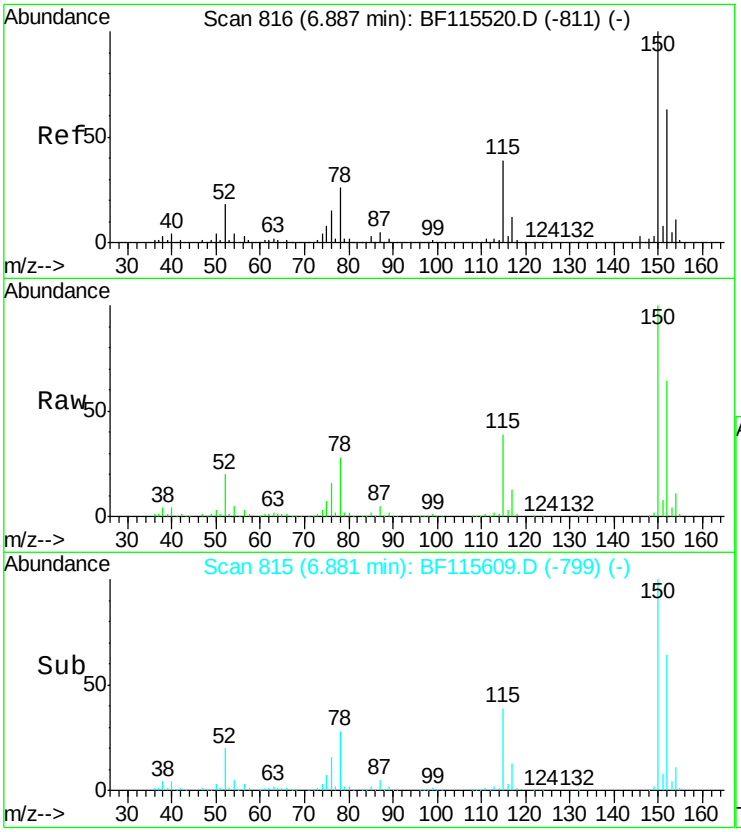
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115609.D
Acq On : 16 Jul 2019 20:38
Operator : HP/JU
Sample : K3622-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 17 03:55:07 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



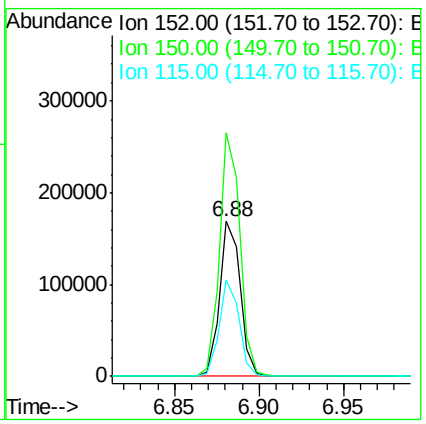


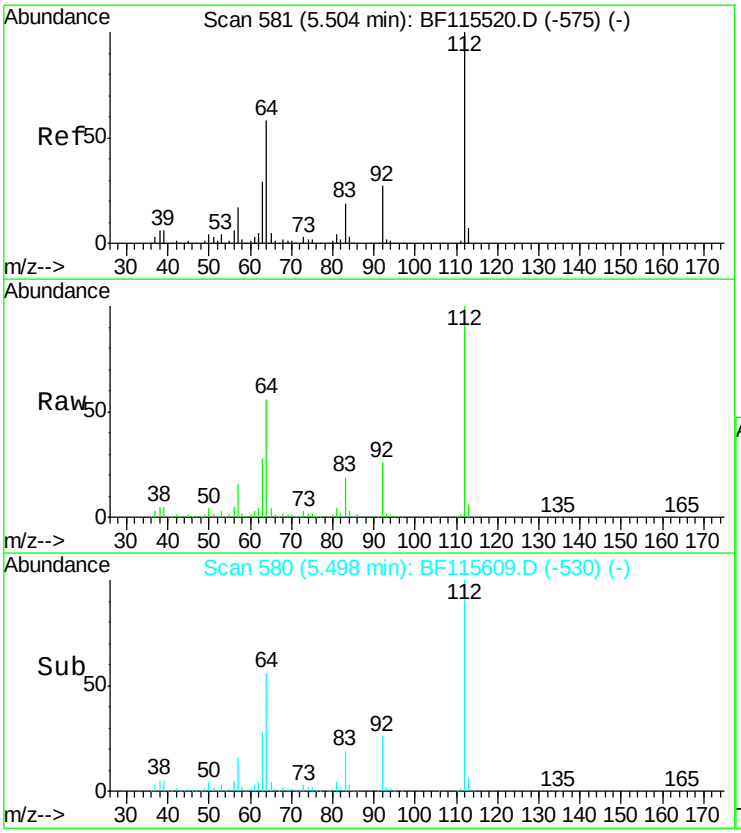
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 144706

Ion	Ratio	Lower	Upper
152	100		
150	156.9	129.7	194.5
115	61.8	48.2	72.4

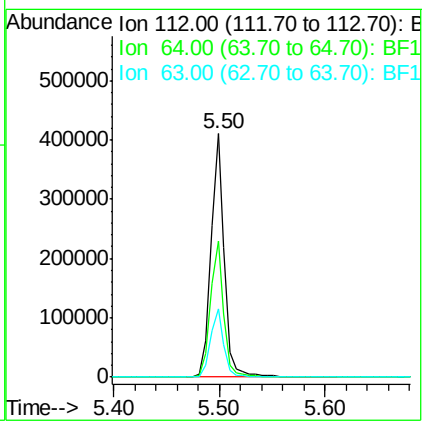


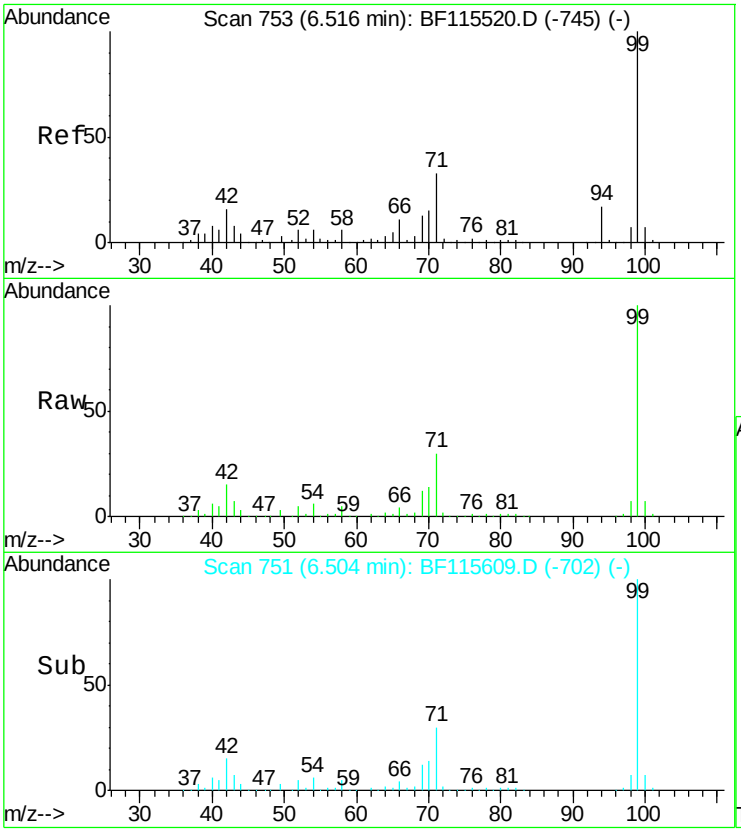


#5
2-Fluorophenol
Concen: 41.604 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion:112 Resp: 368059

Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.8	70.2
63	27.9	24.1	36.1



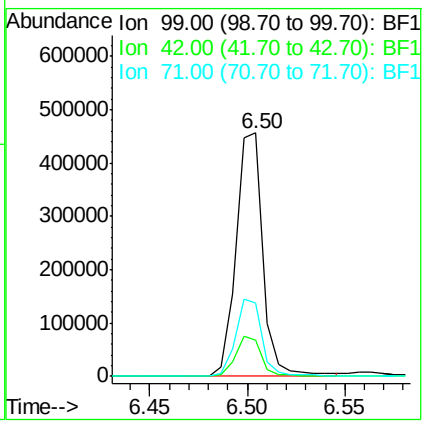


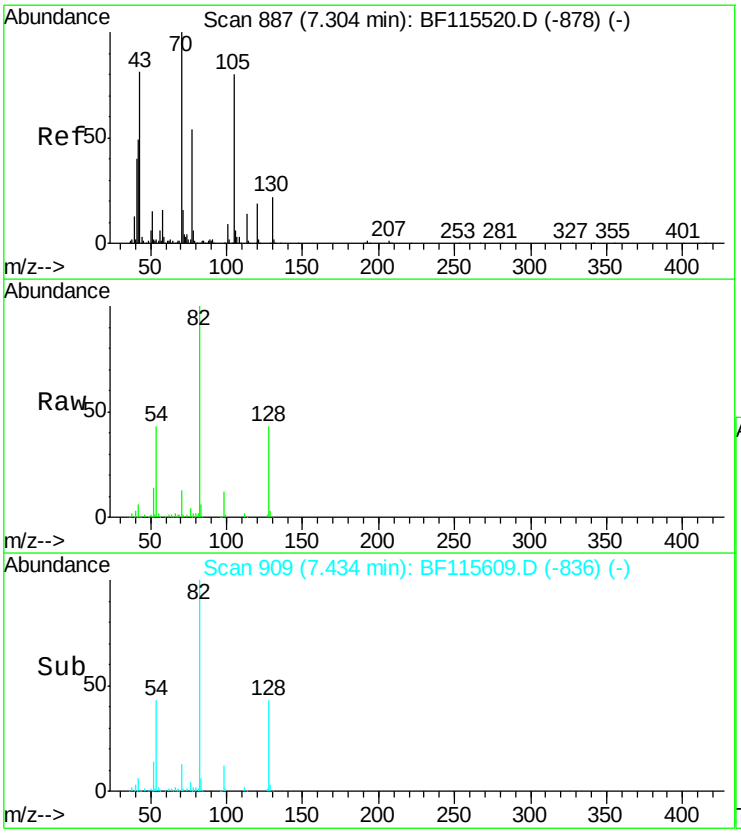
#7
Phenol-d6
Concen: 38.748 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 434964

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.6	20.4
71	30.2	28.5	42.7

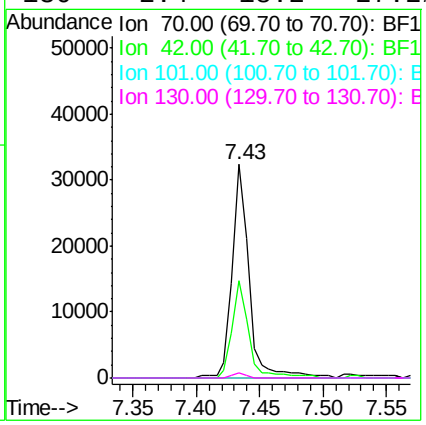


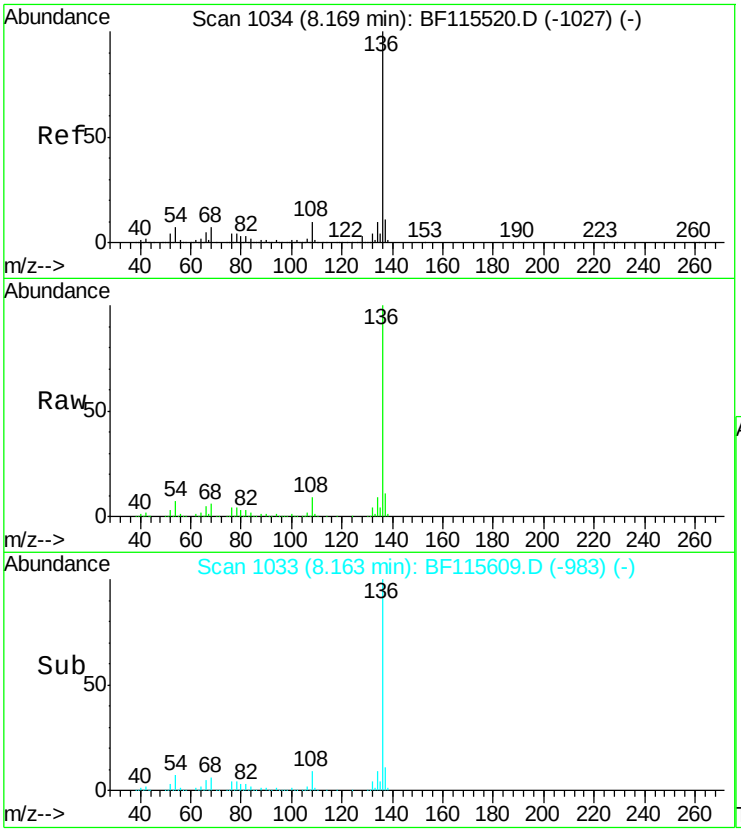


#19
n-Nitroso-di-n-propylamine
Concen: 4.064 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.13 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion: 70 Resp: 29756

Ion	Ratio	Lower	Upper
70	100		
42	45.4	39.6	59.4
101	0.0	8.1	12.1#
130	2.4	18.2	27.2#



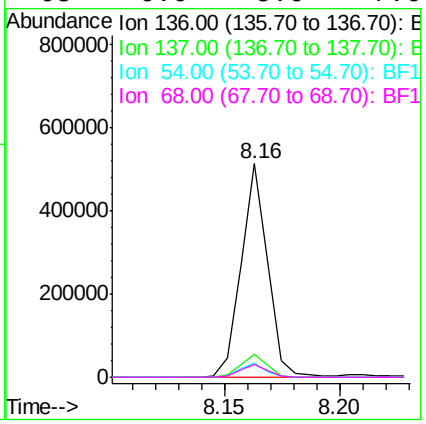


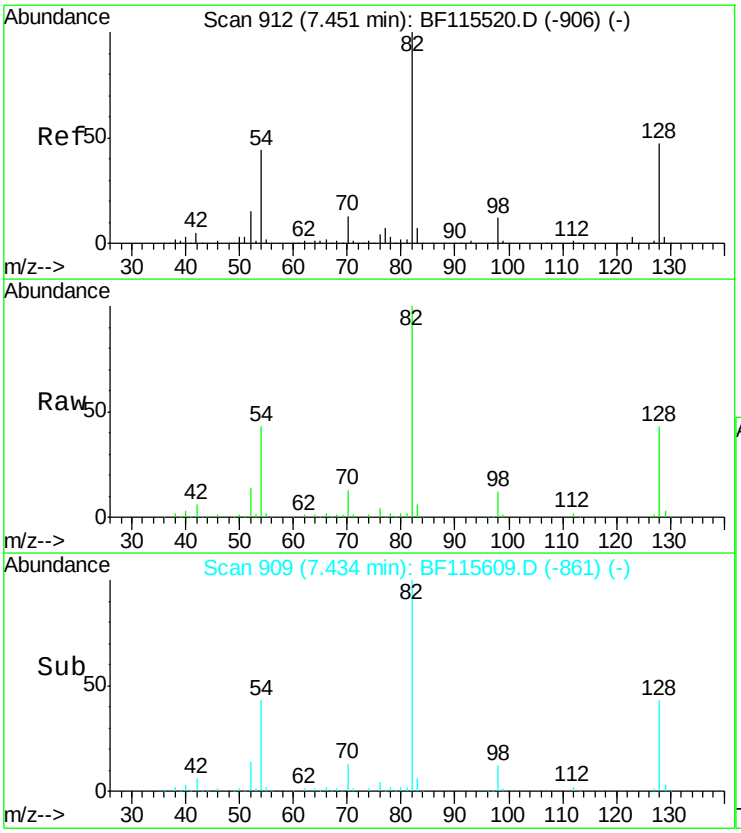
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 410412

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.5	5.6	8.4
68	6.0	5.0	7.6

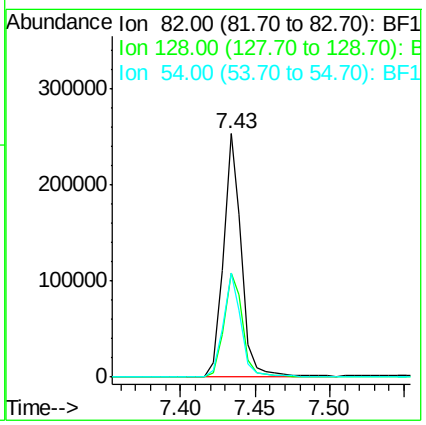


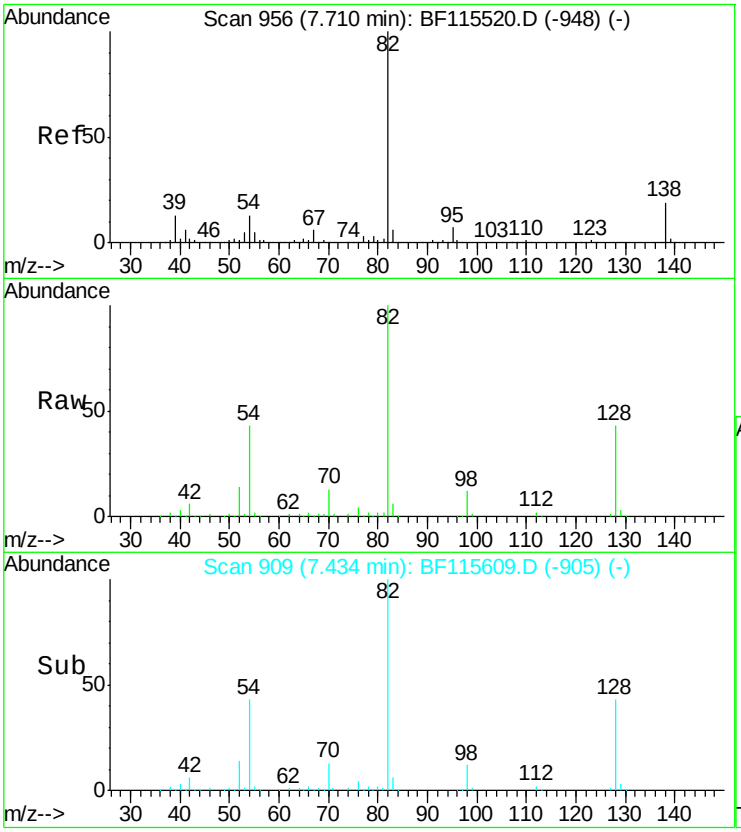


#23
Nitrobenzene-d5
Concen: 30.977 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion: 82 Resp: 218646

Ion	Ratio	Lower	Upper
82	100		
128	42.7	38.6	57.8
54	42.8	35.6	53.4



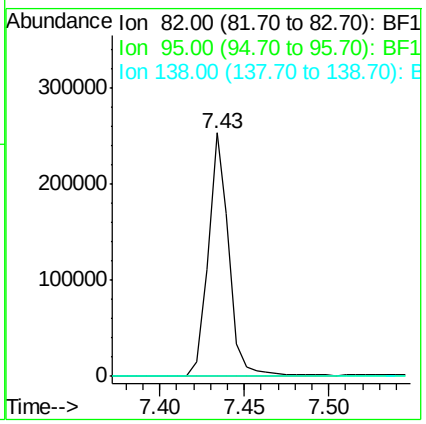


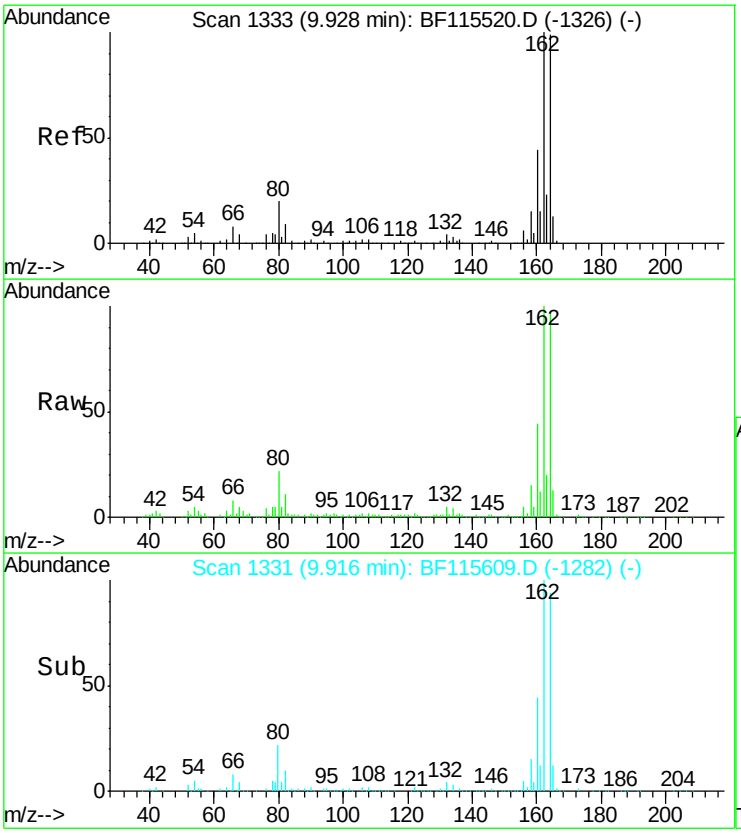
#25
Isophorone
Concen: 15.158 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 214084

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

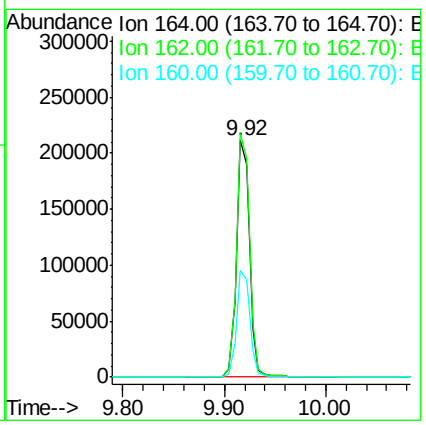


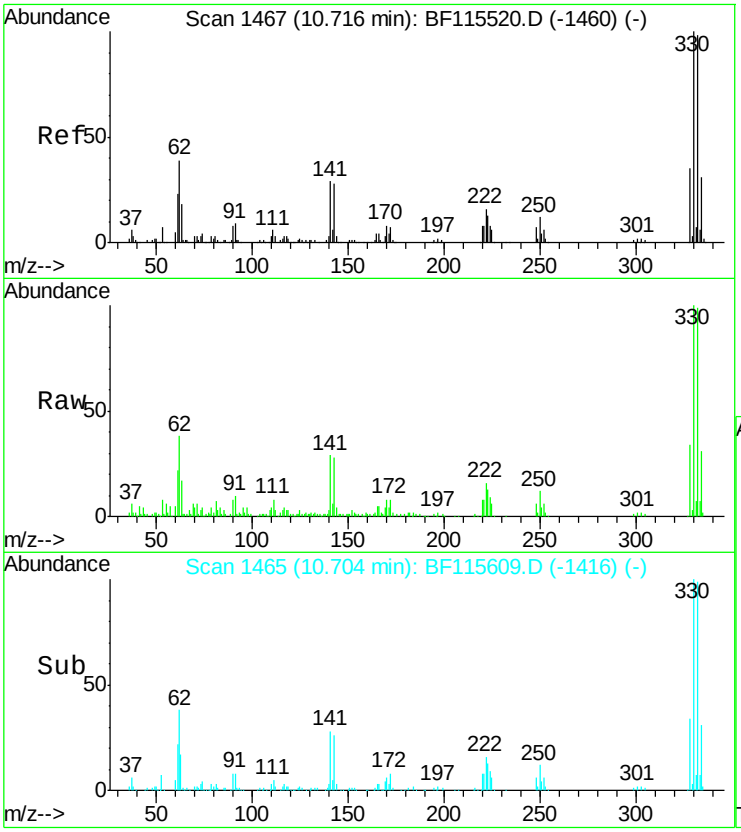


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion:164 Resp: 190140

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.9	124.3
160	44.8	36.8	55.2



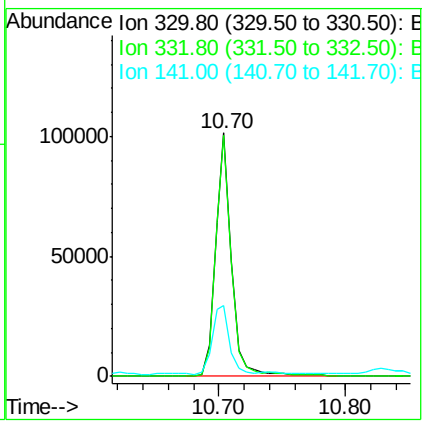


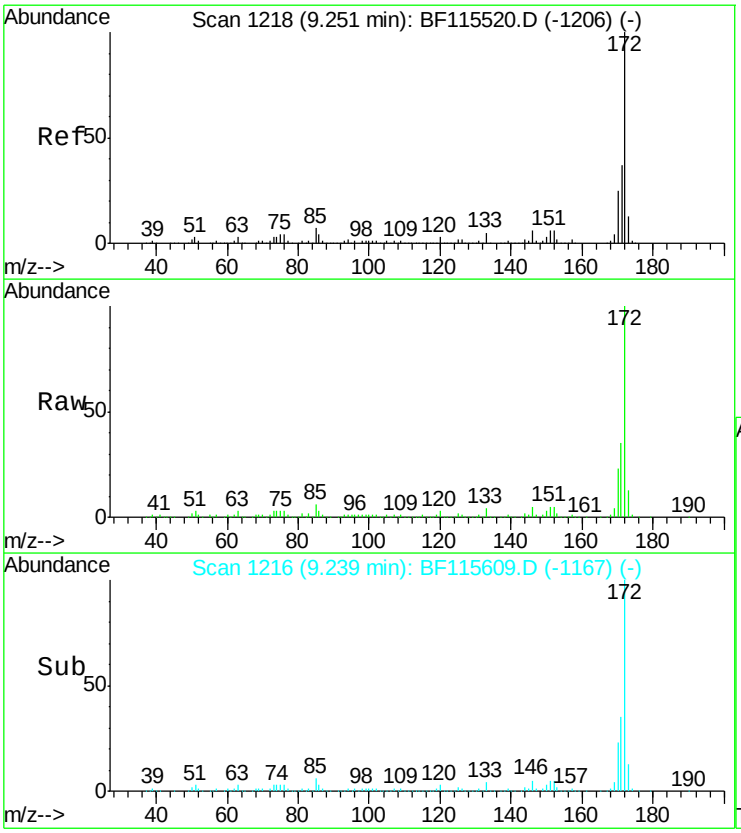
#42
2,4,6-Tribromophenol
Concen: 40.484 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 89850

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.4	116.2
141	30.6	22.4	33.6

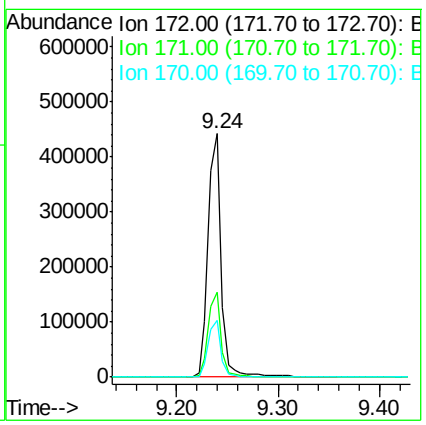


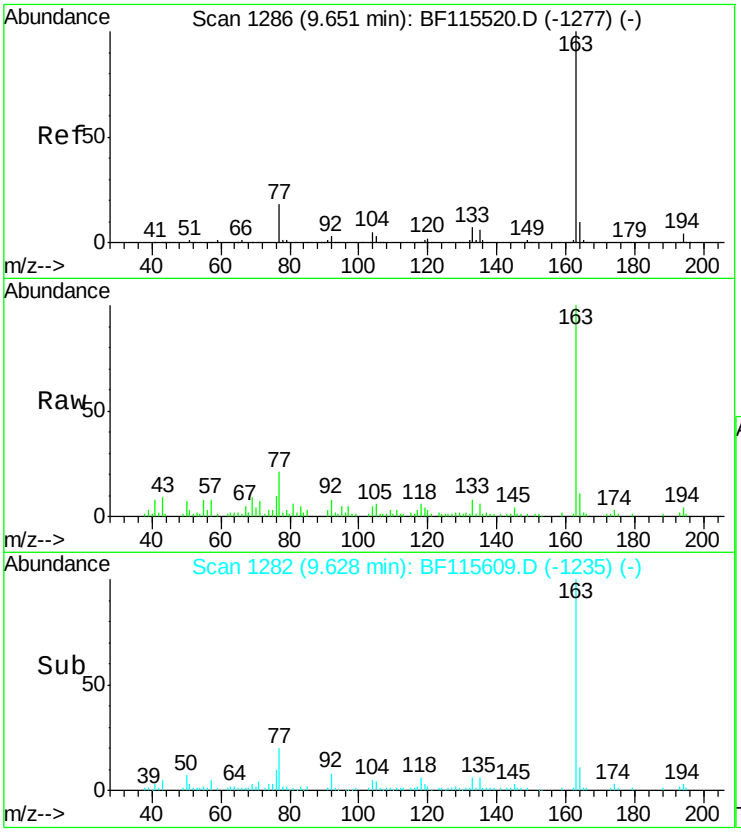


#45
2-Fluorobiphenyl
Concen: 36.883 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion:172 Resp: 400673

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.6	46.0
170	23.2	20.5	30.7

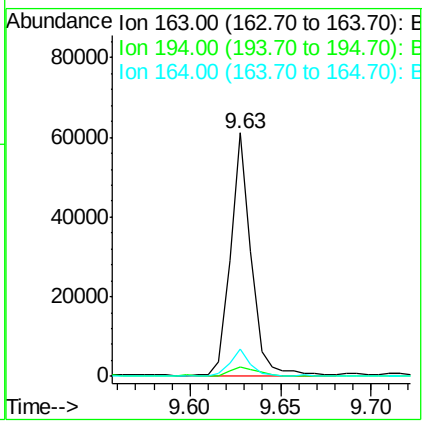




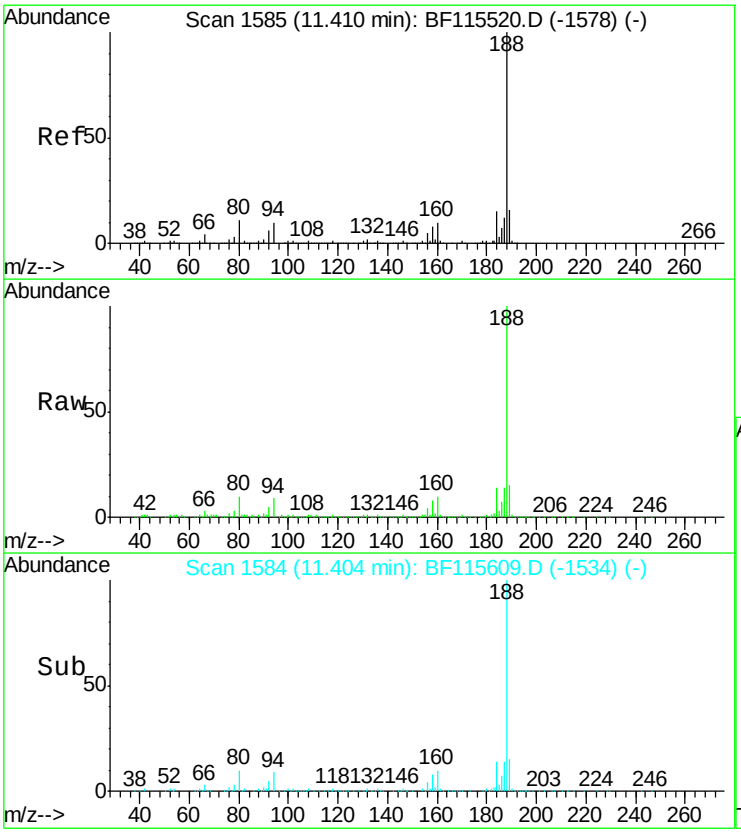
#50
Dimethylphthalate
Concen: 3.452 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion:163 Resp: 49383

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	11.2	8.7	13.1



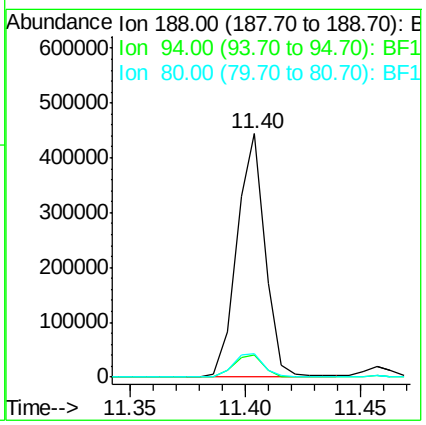
Instrument :
BNA_F
ClientSampleId :

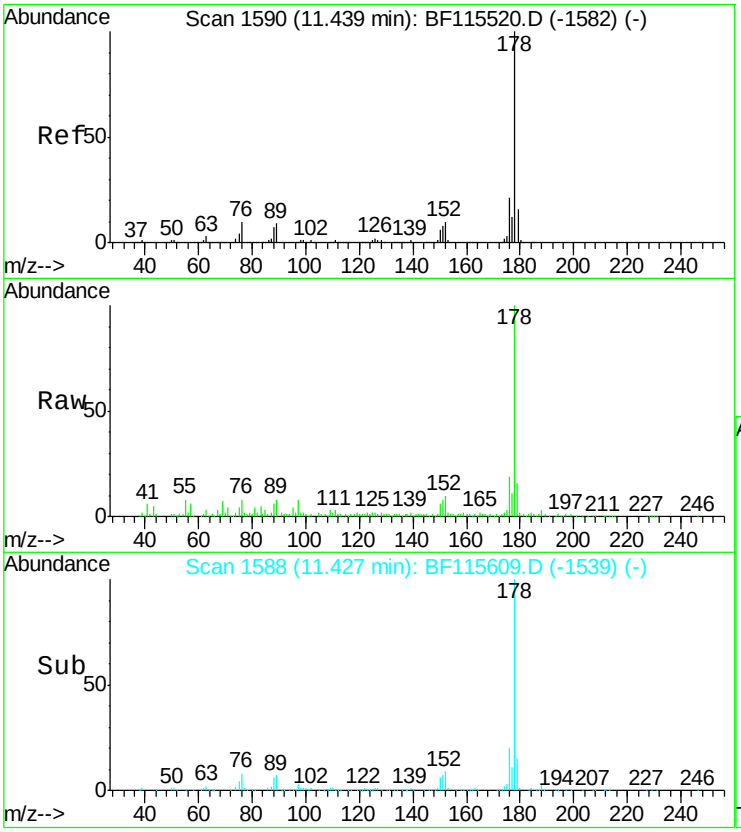


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion:188 Resp: 378000

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.8	11.6
80	9.8	8.6	13.0



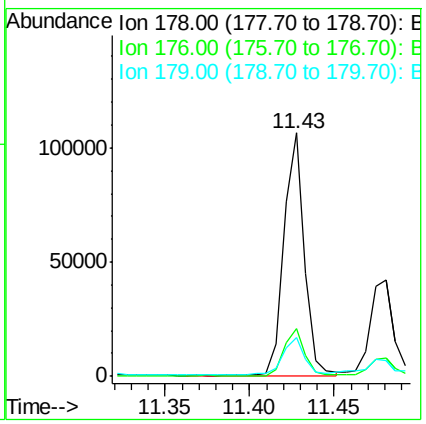


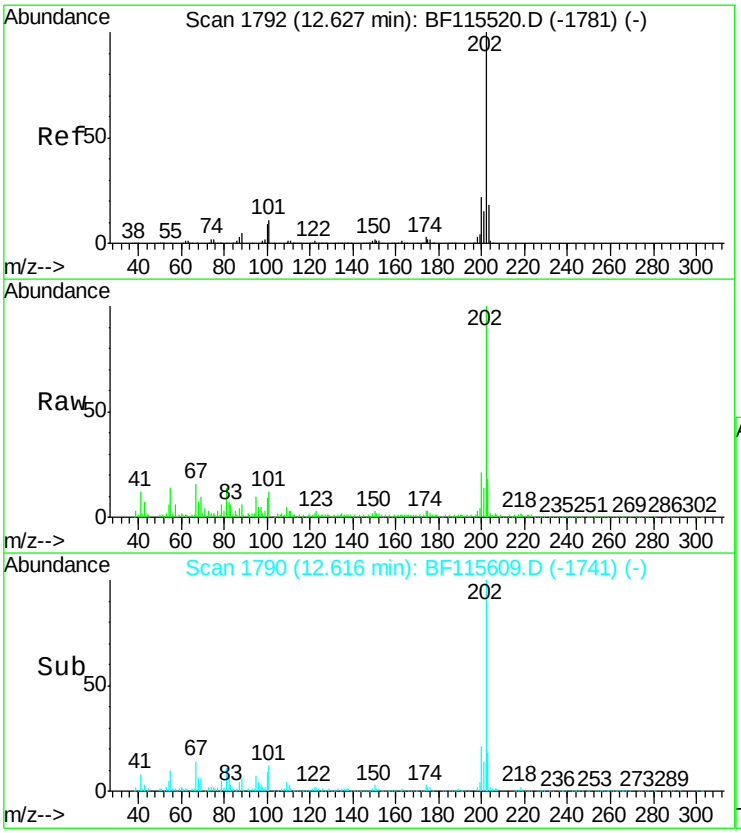
#71
Phenanthrene
Concen: 4.619 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 89494

Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.2	25.8
179	15.8	13.5	20.3

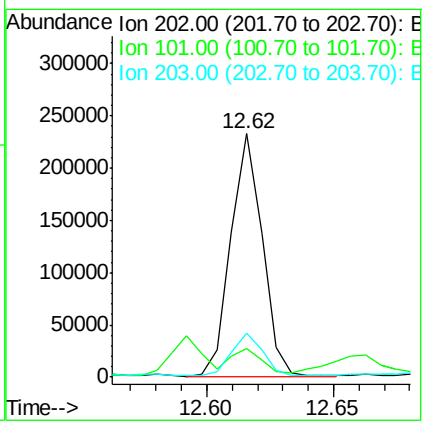


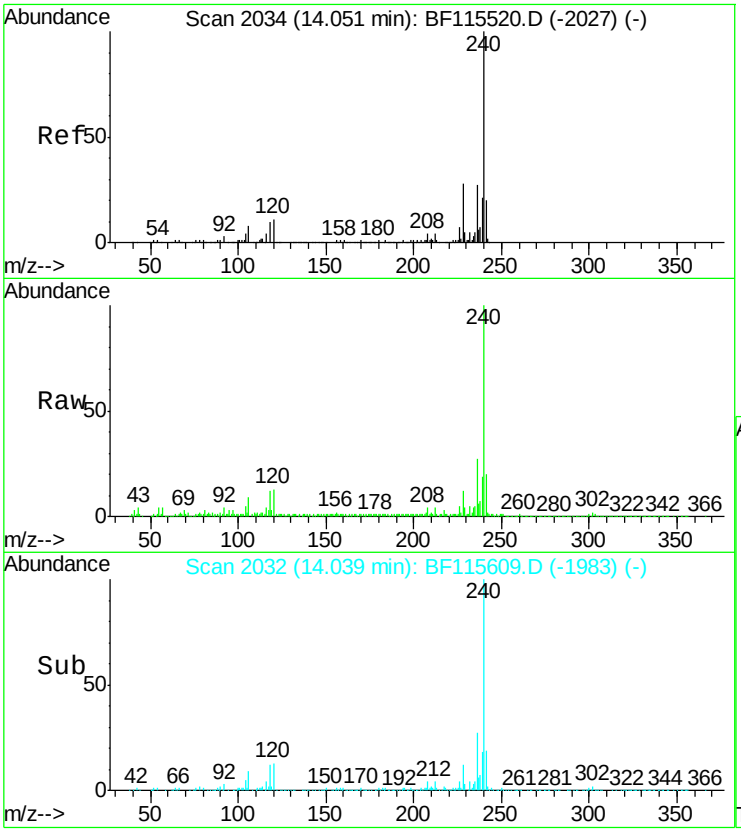


#75
Fluoranthene
Concen: 9.759 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion:202 Resp: 199823

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.4
203	18.0	0.0	38.1



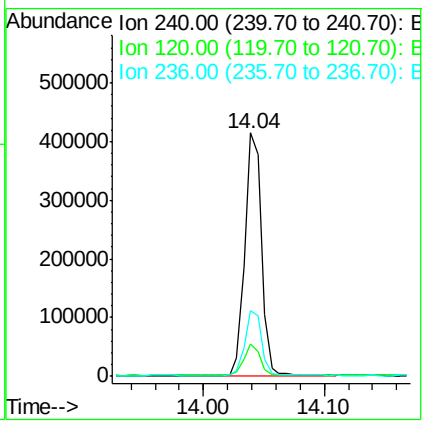


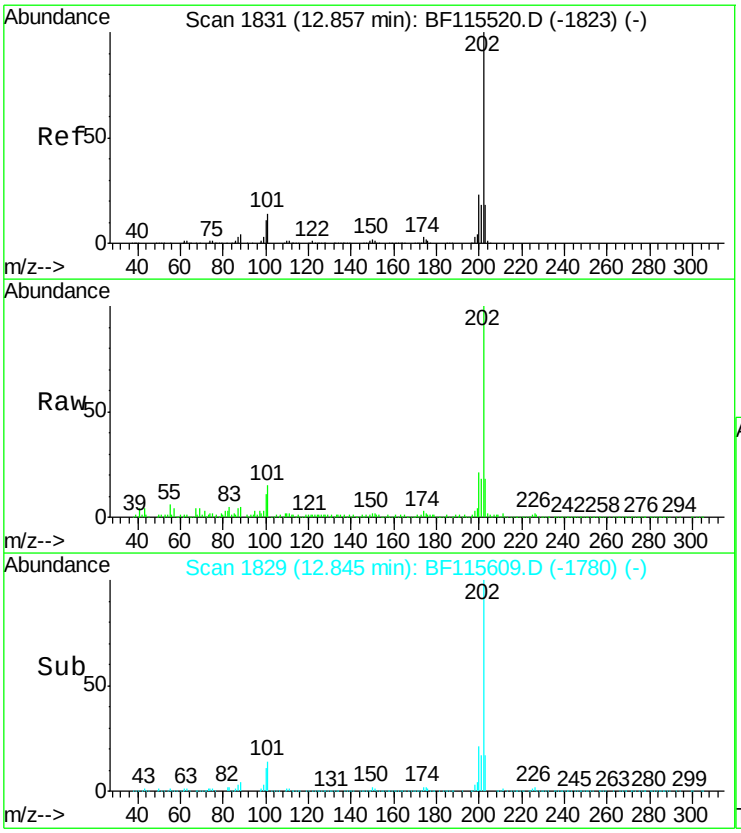
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 404394

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.6	13.0#
236	27.0	21.3	31.9

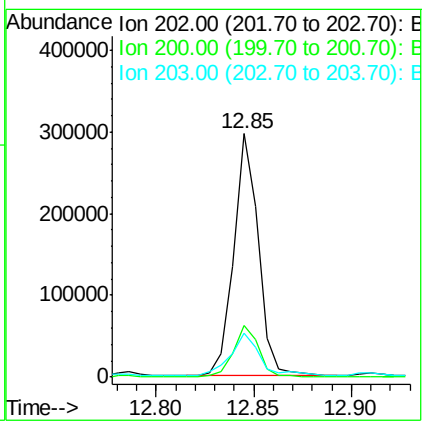


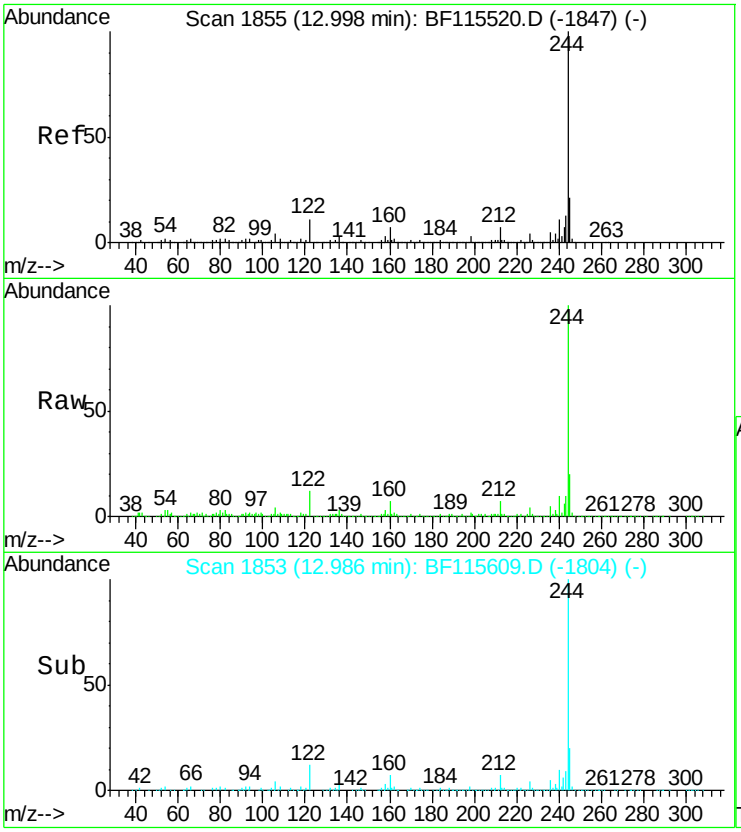


#78
Pyrene
Concen: 7.557 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion:202 Resp: 258902

Ion	Ratio	Lower	Upper
202	100		
200	21.2	18.7	28.1
203	18.0	15.2	22.8



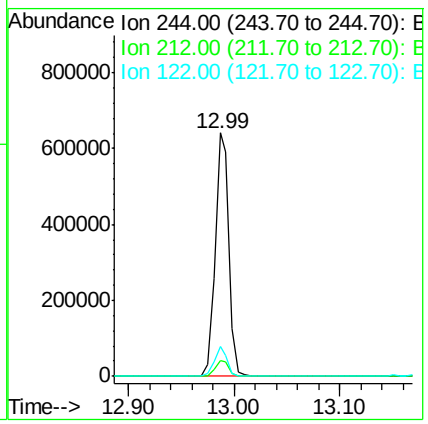


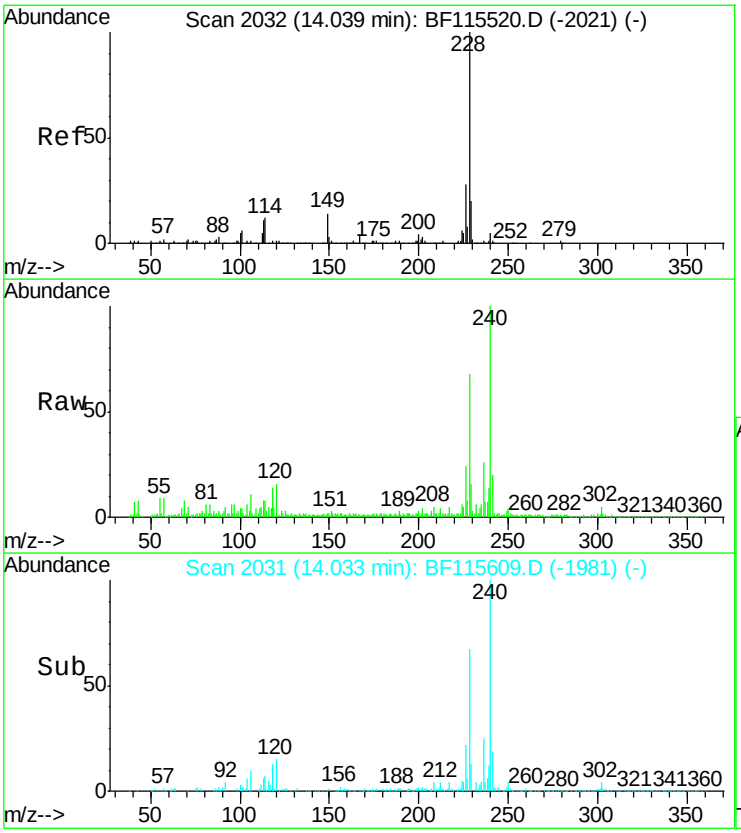
#79
Terphenyl-d14
Concen: 26.980 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 591297

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	12.0	8.6	12.8

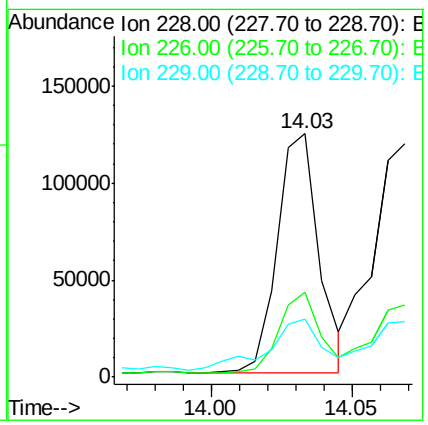


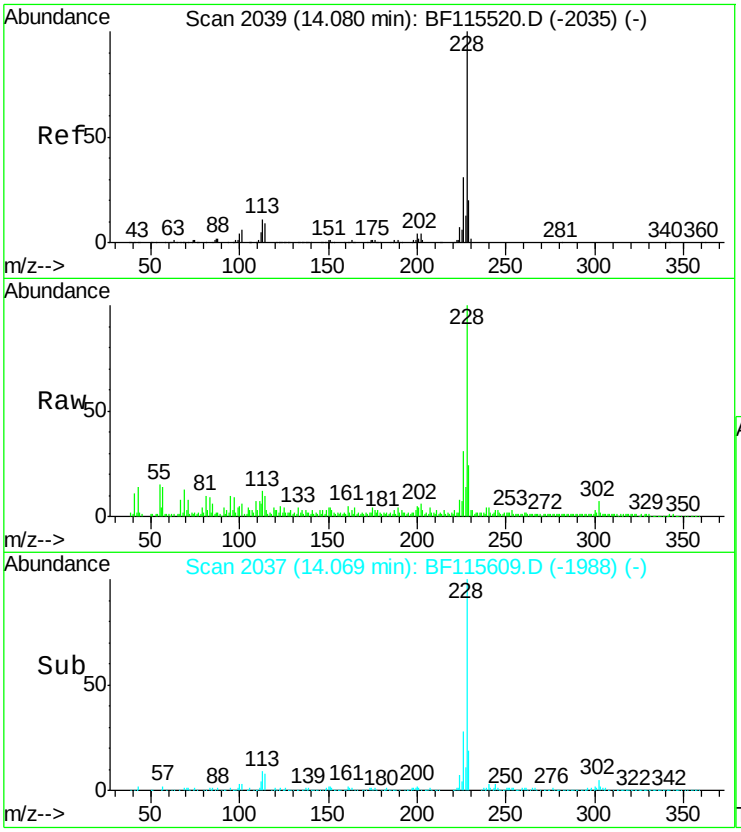


#81
Benzo(a)anthracene
Concen: 4.750 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion:228 Resp: 126551

Ion	Ratio	Lower	Upper
228	100		
226	34.9	23.4	35.0
229	23.7	17.2	25.8



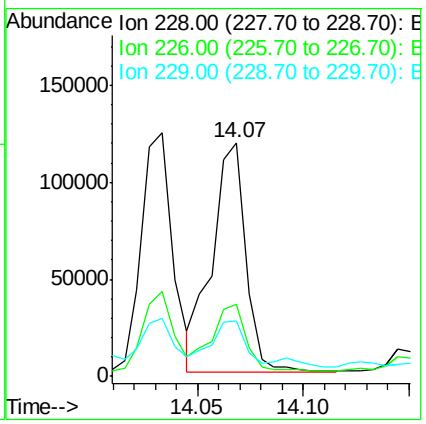


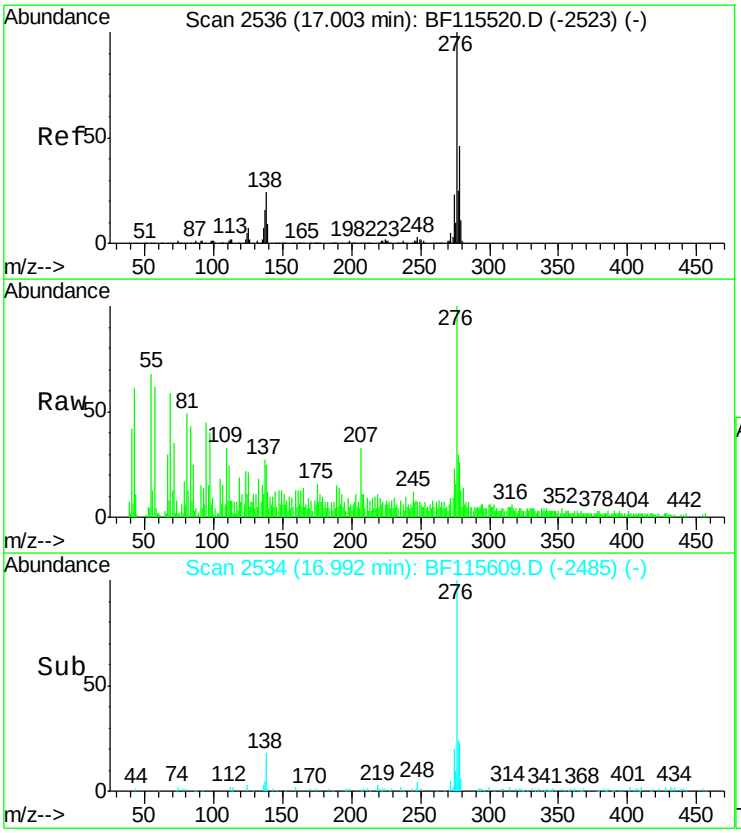
#83
Chrysene
Concen: 4.936 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 132020

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.7	38.5
229	23.5	16.6	25.0

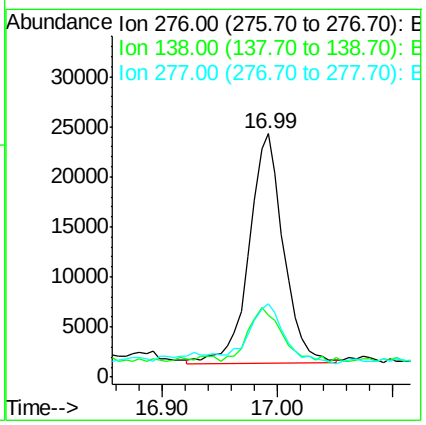


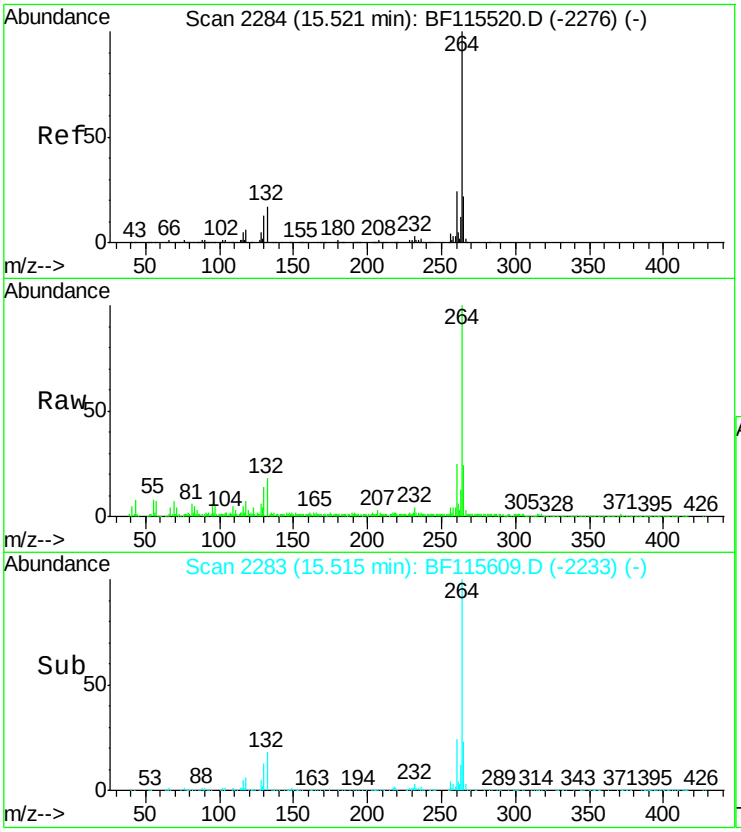


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.098 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion:276 Resp: 47671

Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.2	30.2
277	26.5	20.4	30.6



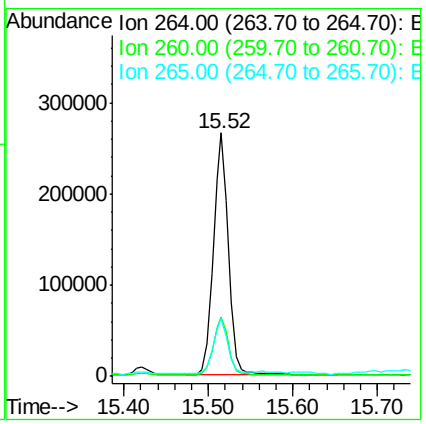


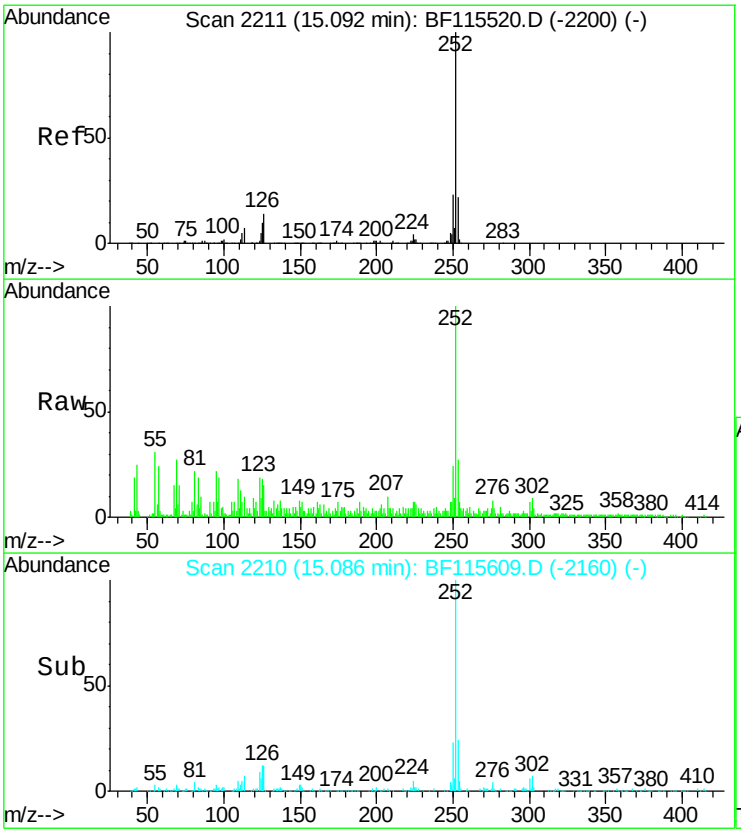
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 335628

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	23.8	17.7	26.5

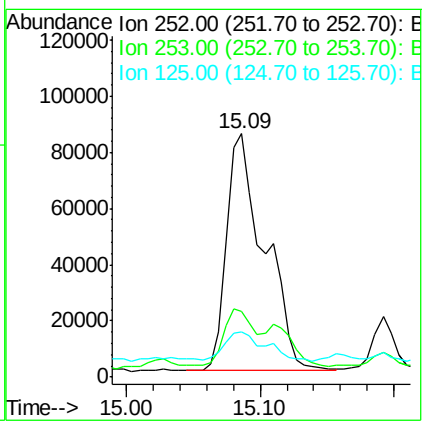


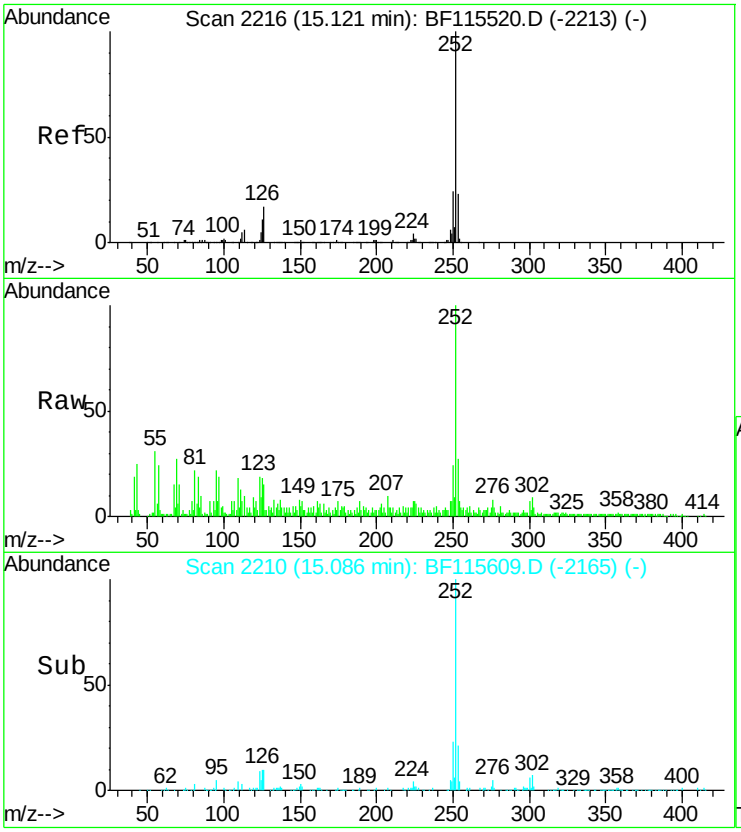


#88
Benzo(b)fluoranthene
Concen: 7.773 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion:252 Resp: 167986

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.1	27.1
125	18.5	9.0	13.4#



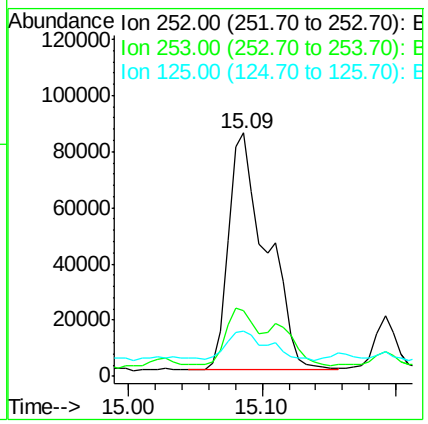


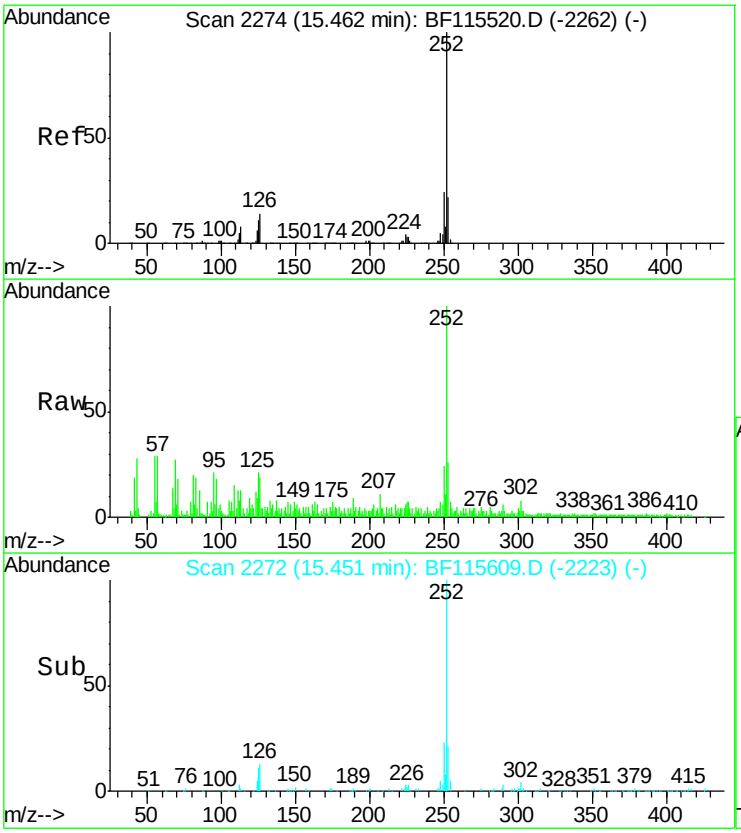
#89
Benzo(k)fluoranthene
Concen: 8.718 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 167986

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.6	28.0
125	18.5	9.0	13.6#

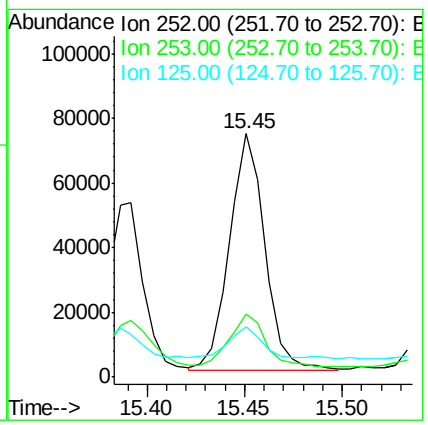


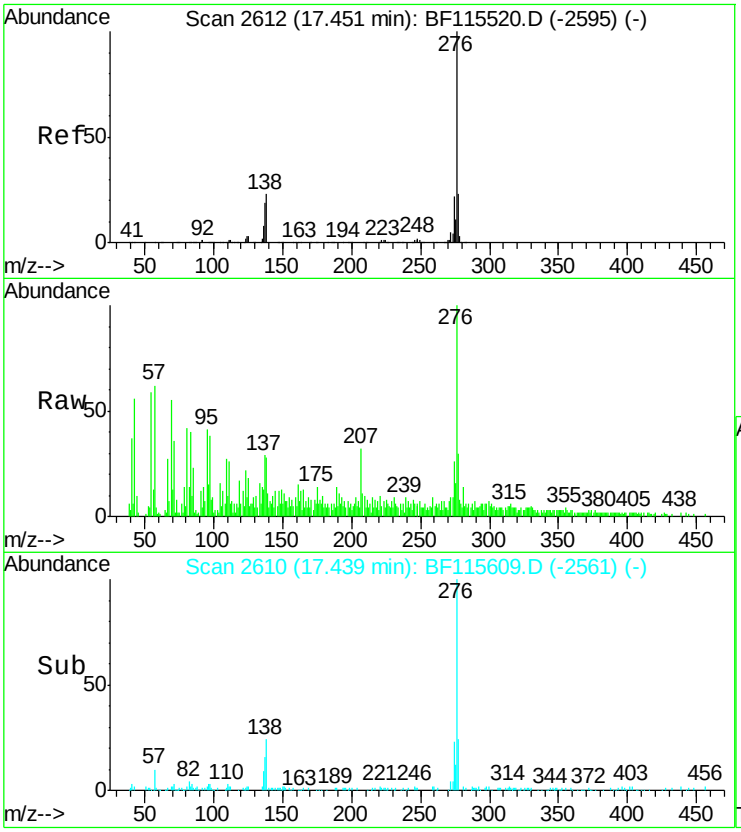


#90
Benzo(a)pyrene
Concen: 4.927 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Tgt Ion:252 Resp: 91514

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.8	26.6
125	20.6	9.1	13.7#





#92
Benzo(g,h,i)perylene
Concen: 3.039 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF115609.D
Acq: 16 Jul 2019 20:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 49422

Ion	Ratio	Lower	Upper
276	100		
277	29.6	19.0	28.4#
138	28.1	17.2	25.8#