Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116637.D
Acq On : 29 Aug 2019 1:29
Operator : HP/JU
Sample : K4576-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 29 03:35:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	69317	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	281274	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	200948	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	168263	20.00	ng		0.00
76) Chrysene-d12	14.00	240	100854	20.00	ng		0.00
87) Perylene-d12	15.46	264	113424	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	611528	152.38	ng		0.00
7) Phenol-d6	6.49	99	643571	118.28	ng		0.00
23) Nitrobenzene-d5	7.42	82	405408	82.47	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	132926	69.51	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	704712	58.36	ng		0.00
79) Terphenyl-d14	12.96	244	423226	68.25	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	1234	Below Cal		#	1
10) Phenol	6.50	94	32168	5.390	ng		98
19) n-Nitroso-di-n-propylamine	7.42	70	54044	15.620	ng	#	78
25) Isophorone	7.42	82	405399	45.303	ng	#	65
50) Dimethylphthalate	9.60	163	96944	7.176	ng		99
57) 2,4-Dinitrotoluene	9.90	165	24921	6.340	ng	#	27
67) 4-Bromophenyl-phenylether	10.68	248	9378	5.254	ng	#	1
71) Phenanthrene	11.40	178	19864	2.198	ng		98
75) Fluoranthene	12.59	202	38127	4.704	ng		96
78) Pyrene	12.81	202	29269	3.156	ng		96
83) Chrysene	14.03	228	13286	2.018	ng		95
86) Indeno(1,2,3-cd)pyrene	16.90	276	4385	4.652	ng		95
88) Benzo(b)fluoranthene	15.03	252	18970	2.723	ng	#	91
89) Benzo(k)fluoranthene	15.03	252	18970	2.865	ng	#	91

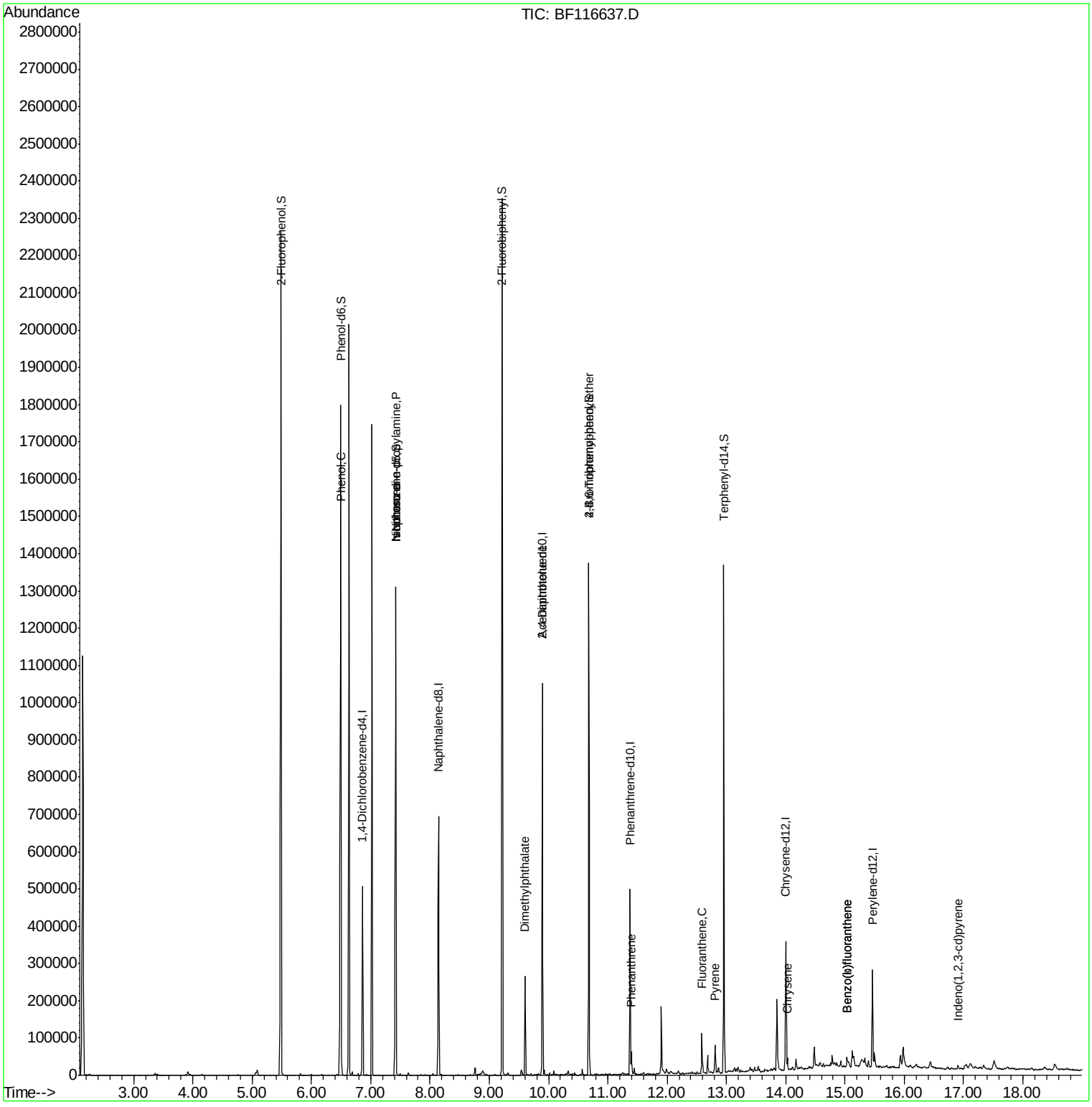
(#) = qualifier out of range (m) = manual integration (+) = signals summed

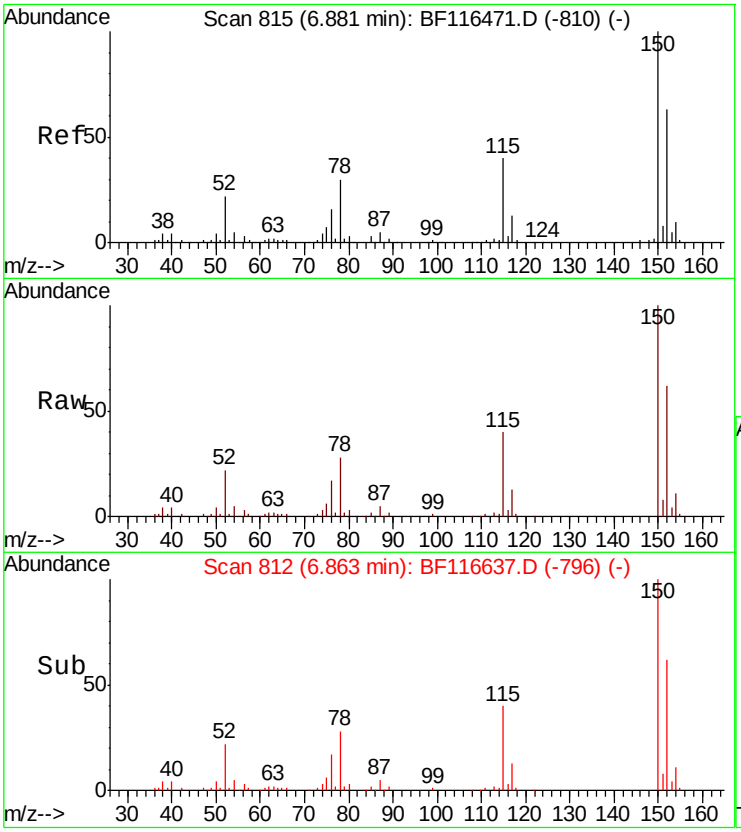
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116637.D
Acq On : 29 Aug 2019 1:29
Operator : HP/JU
Sample : K4576-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 29 03:35:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration



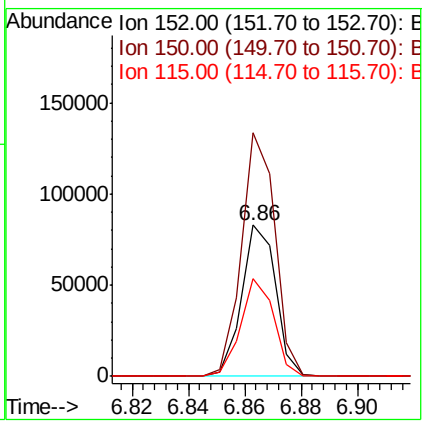


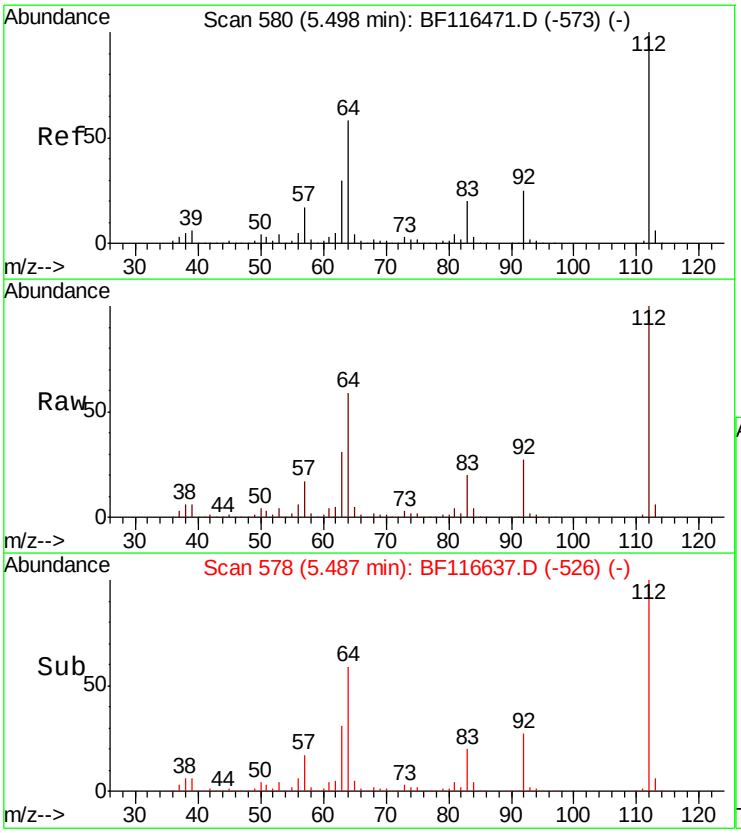
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 69317

Ion	Ratio	Lower	Upper
152	100		
150	161.1	123.4	185.2
115	64.9	48.2	72.2

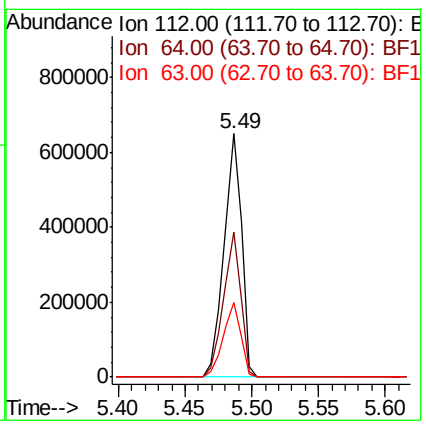


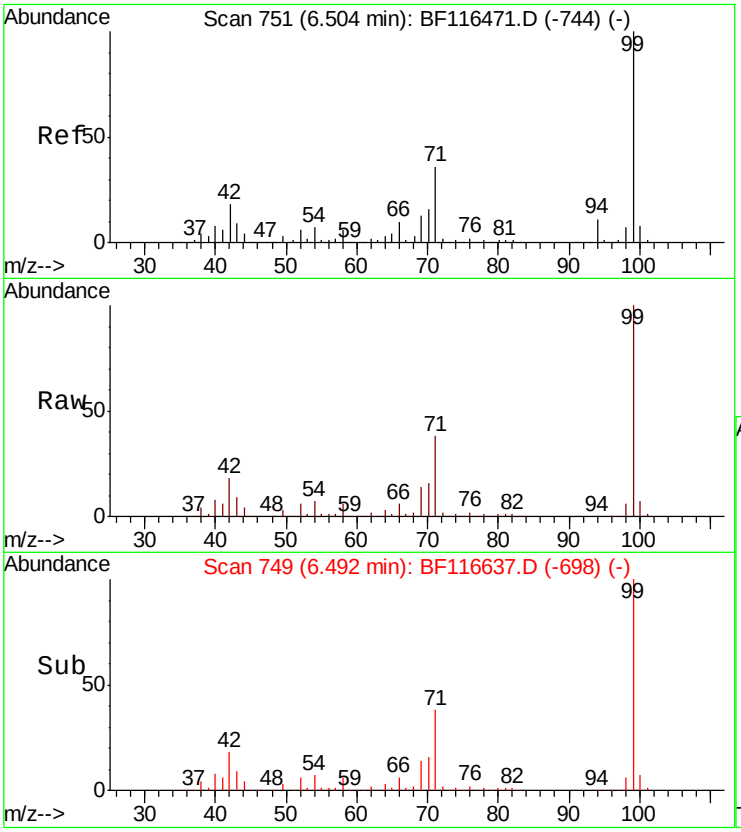


#5
2-Fluorophenol
Concen: 152.379 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion:112 Resp: 611528

Ion	Ratio	Lower	Upper
112	100		
64	59.3	48.0	72.0
63	30.9	24.6	36.8



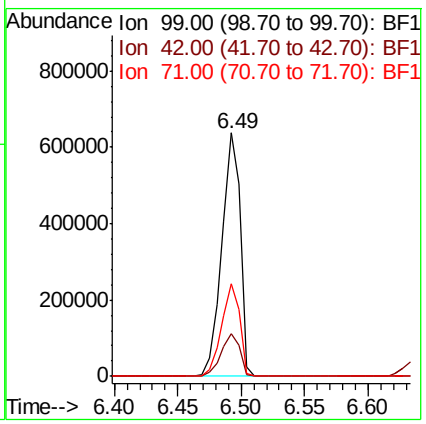


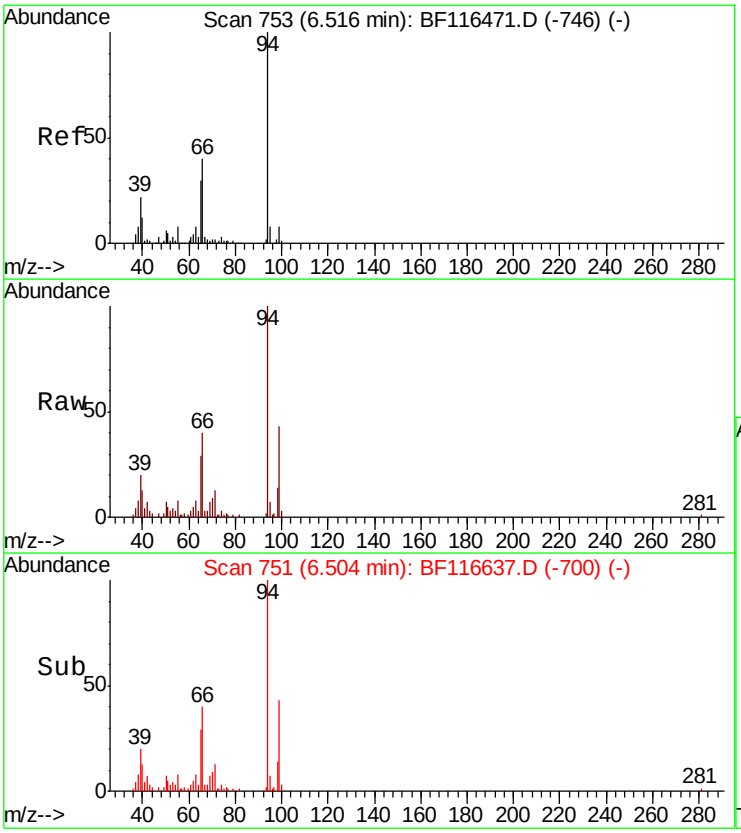
#7
Phenol-d6
Concen: 118.285 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 643571

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.2	19.8
71	38.1	27.4	41.2

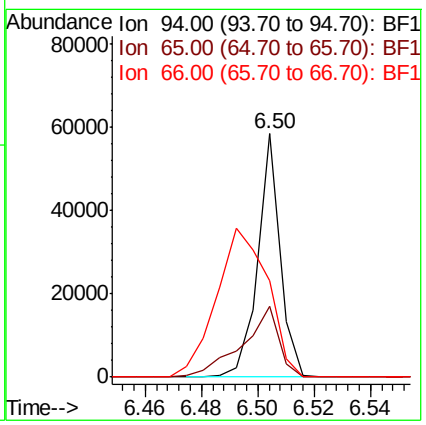


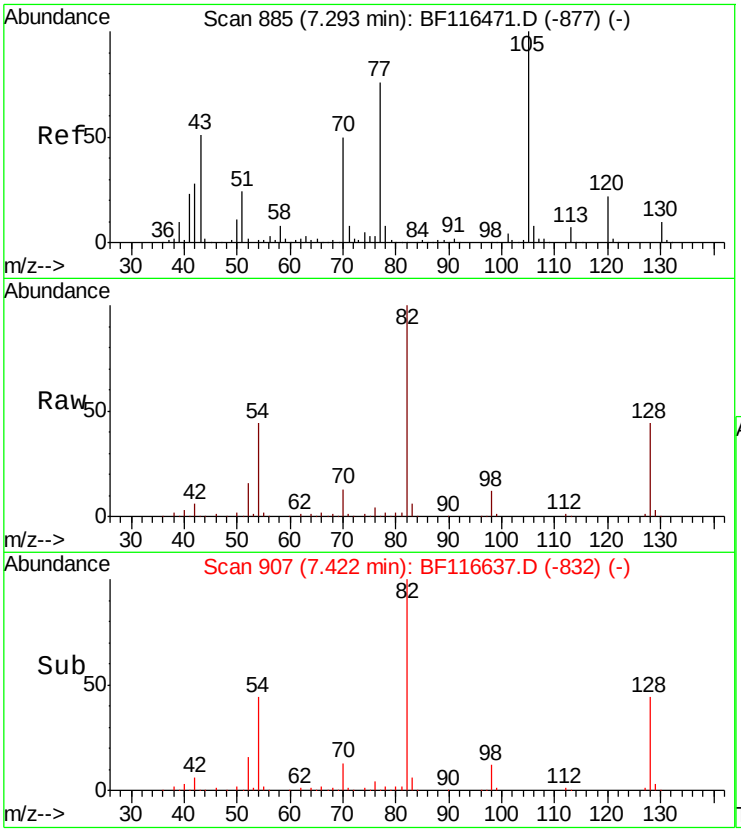


#10
Phenol
Concen: 5.390 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion: 94 Resp: 32168

Ion	Ratio	Lower	Upper
94	100		
65	29.1	8.6	48.6
66	39.6	18.0	58.0



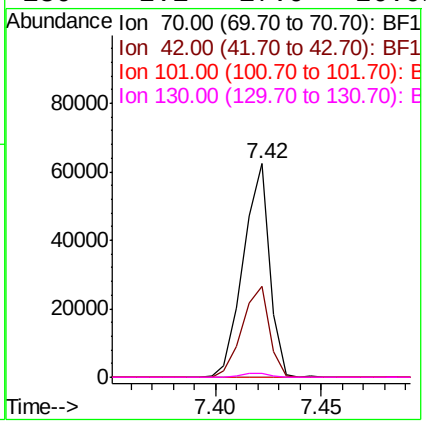


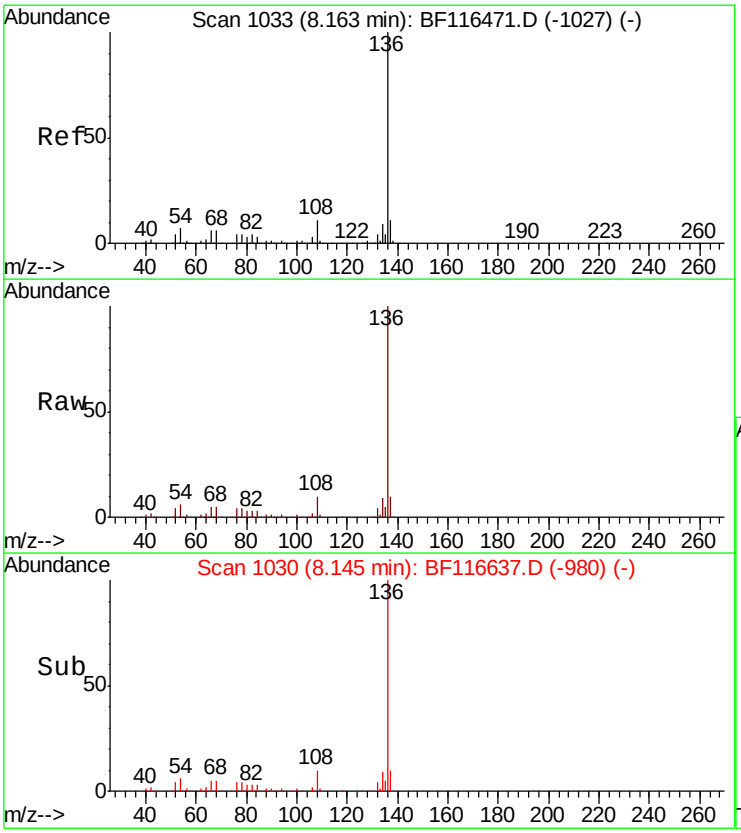
#19
n-Nitroso-di-n-propylamine
Concen: 15.620 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 54044

Ion	Ratio	Lower	Upper
70	100		
42	42.3	41.2	61.8
101	0.0	7.7	11.5#
130	2.1	17.9	26.9#

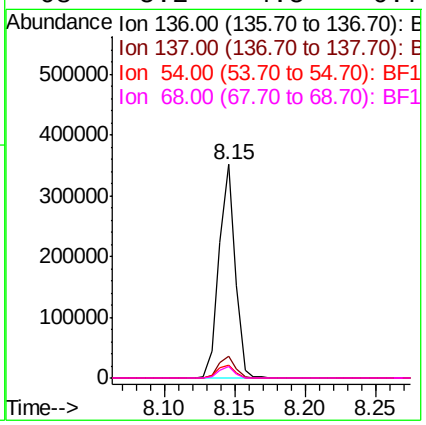


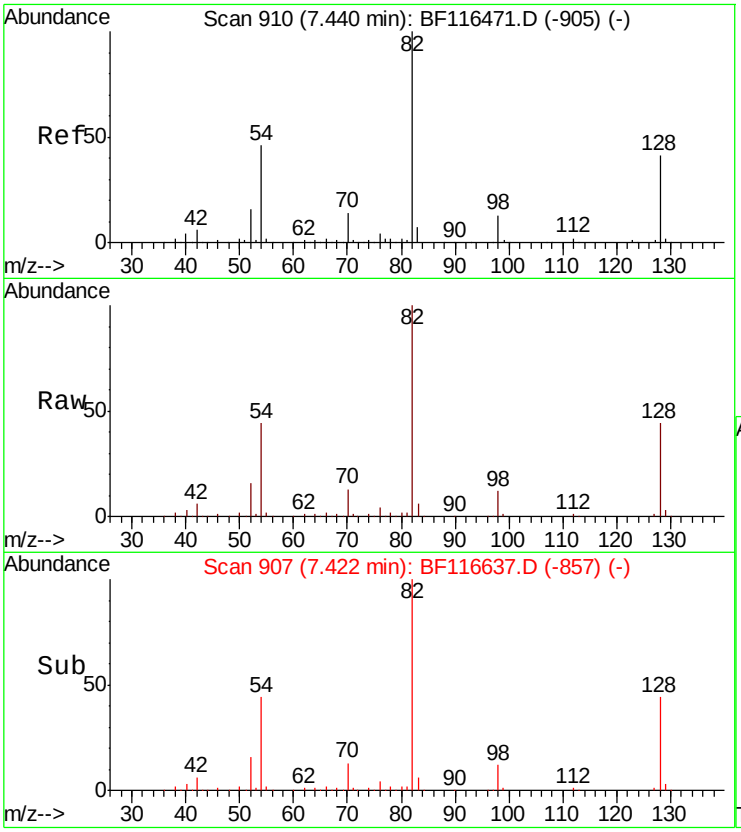


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion:136 Resp: 281274

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	6.2	5.0	7.4
68	5.2	4.5	6.7



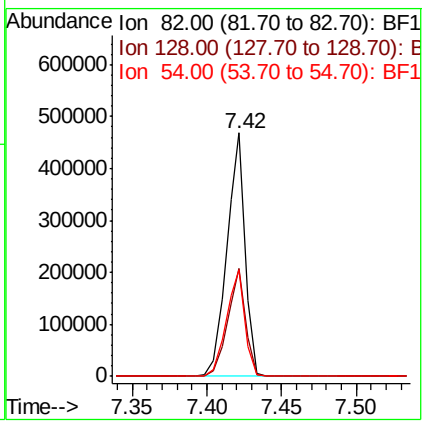


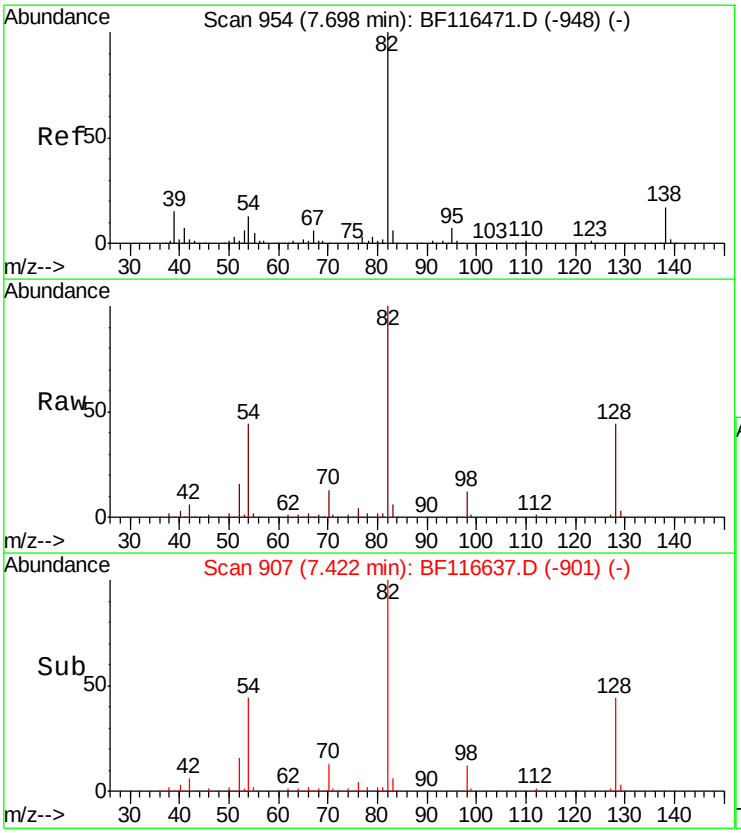
#23
Nitrobenzene-d5
Concen: 82.473 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 405408

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.0	52.6
54	43.9	34.4	51.6

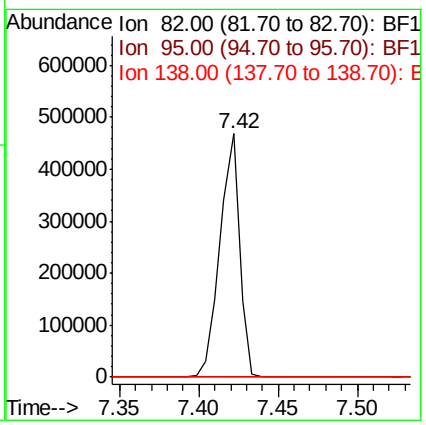


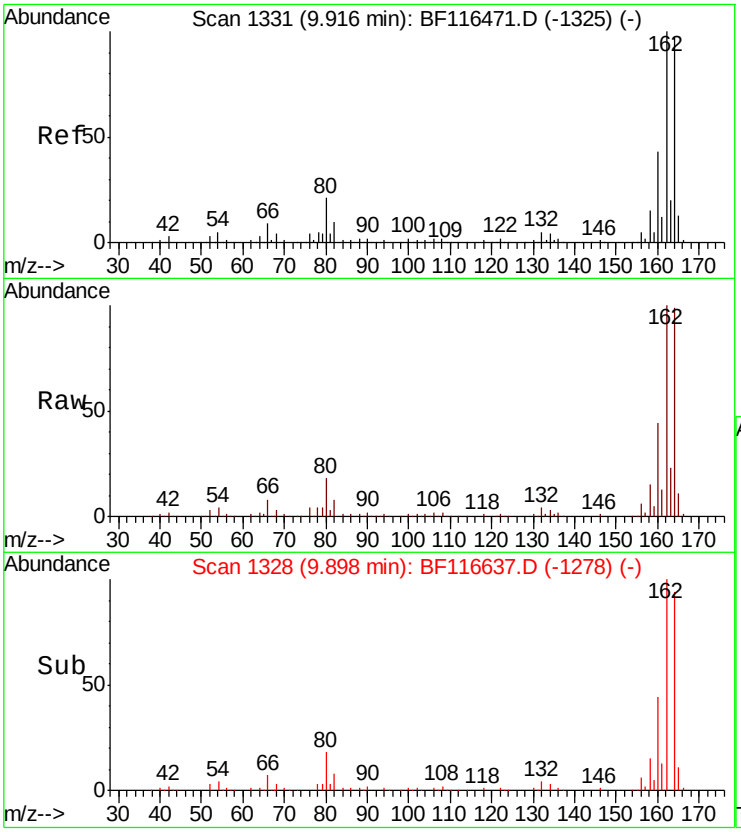


#25
Isophorone
Concen: 45.303 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion: 82 Resp: 405399

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.4	21.6#



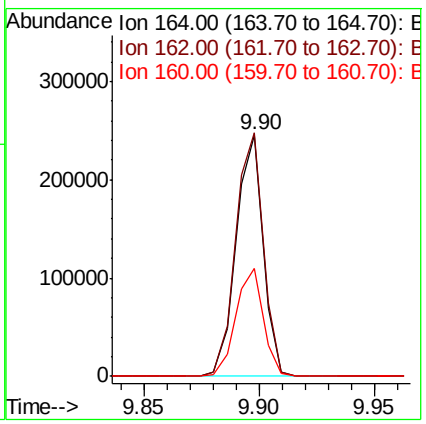


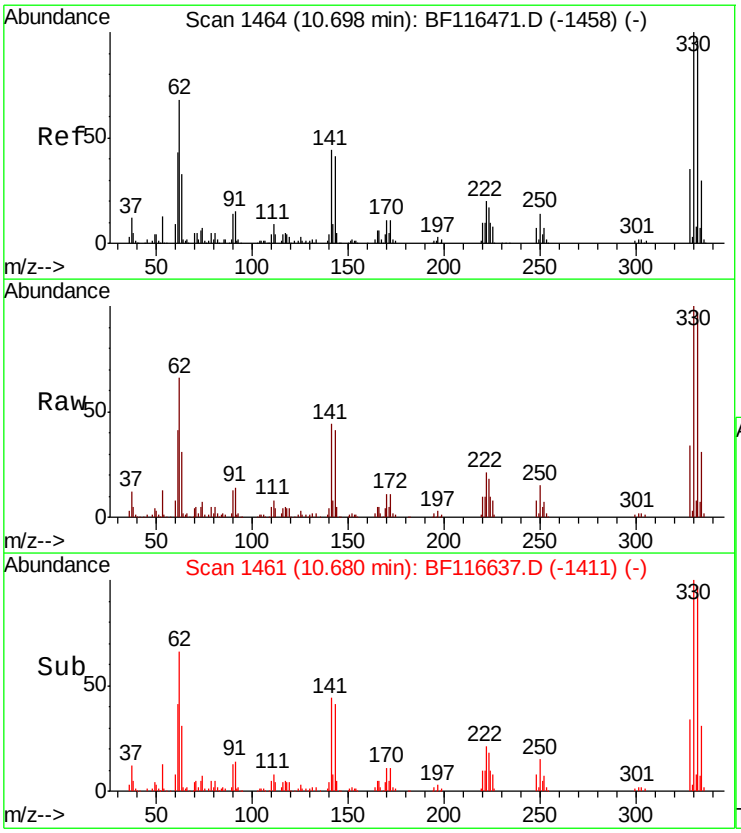
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 200948

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.4	125.0
160	44.8	37.0	55.4

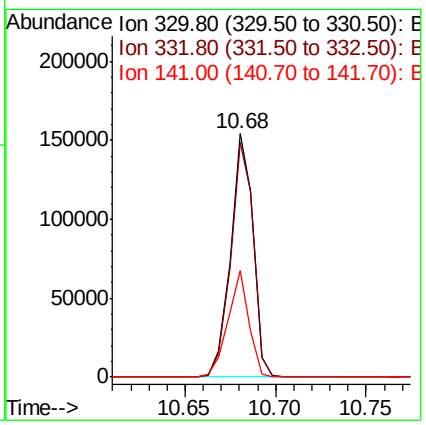


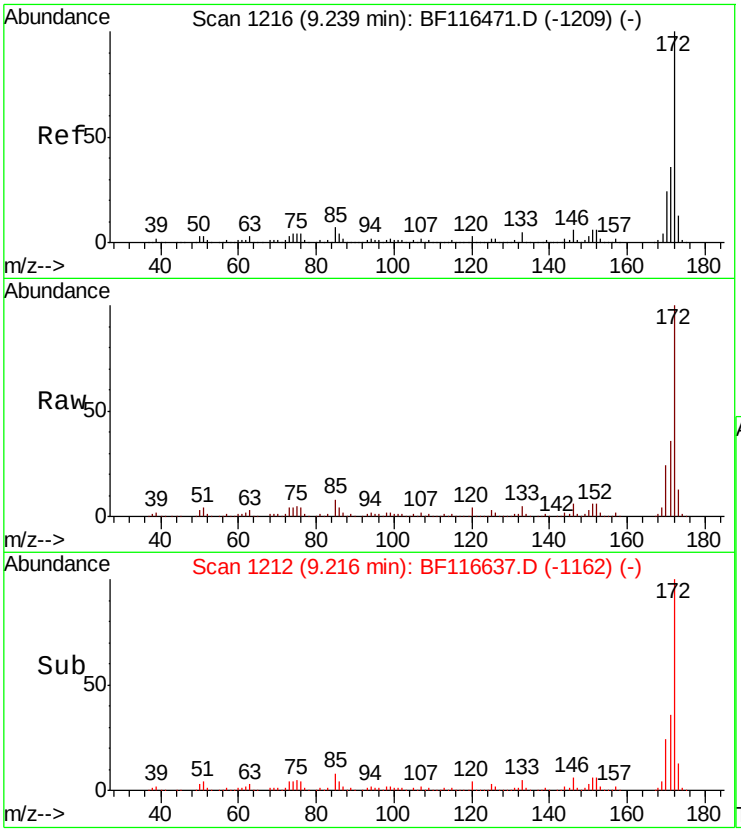


#42
2,4,6-Tribromophenol
Concen: 69.513 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion:330 Resp: 132926

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.5	116.3
141	40.9	28.2	42.2



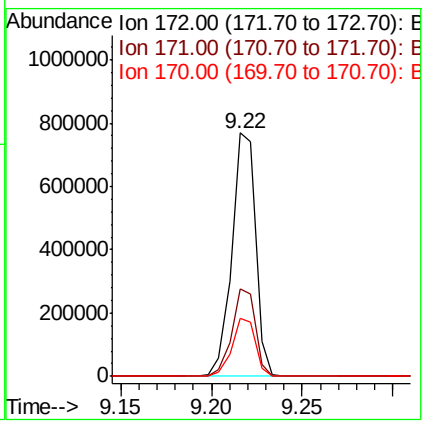


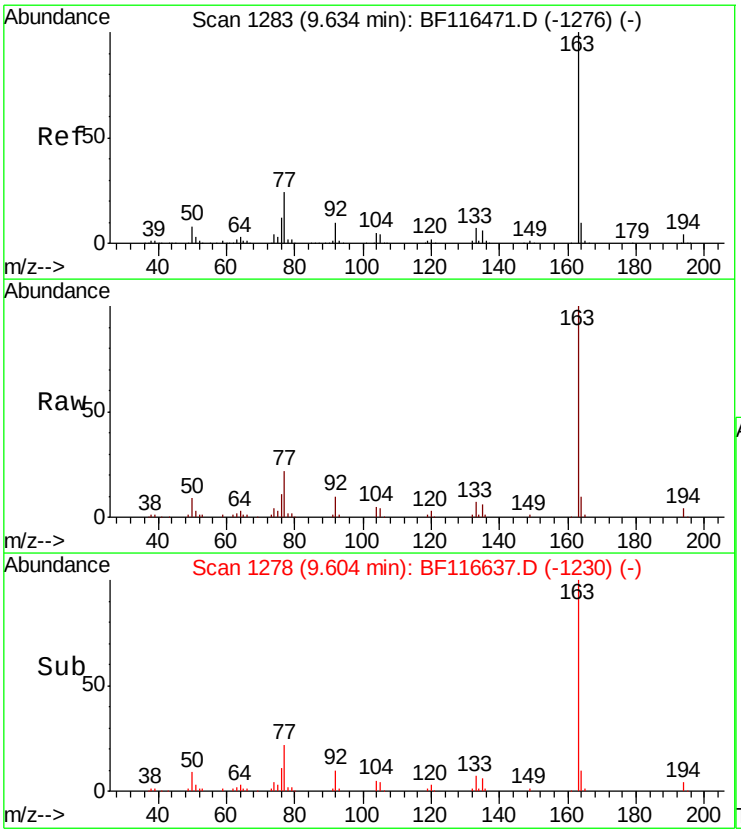
#45
2-Fluorobiphenyl
Concen: 58.362 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 704712

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.7	19.3	28.9

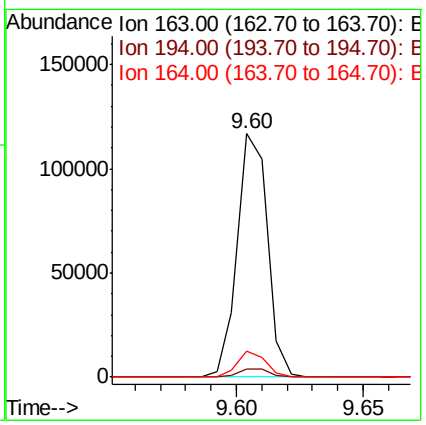


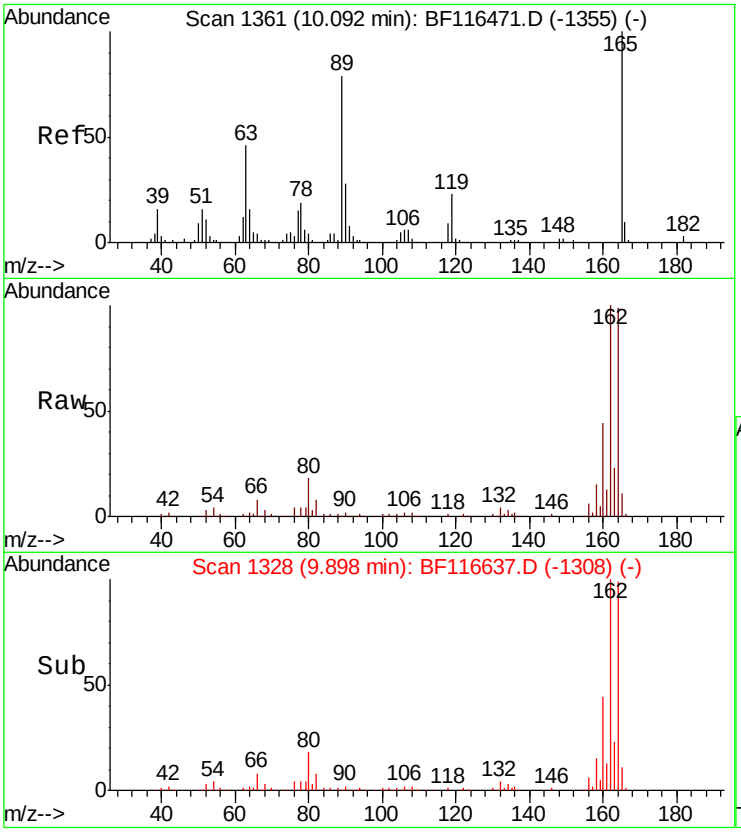


#50
Dimethylphthalate
Concen: 7.176 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion:163 Resp: 96944

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.5	8.2	12.2



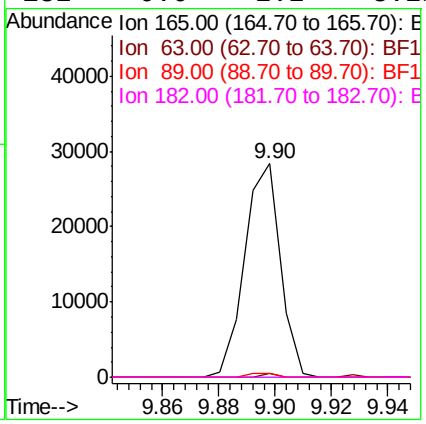


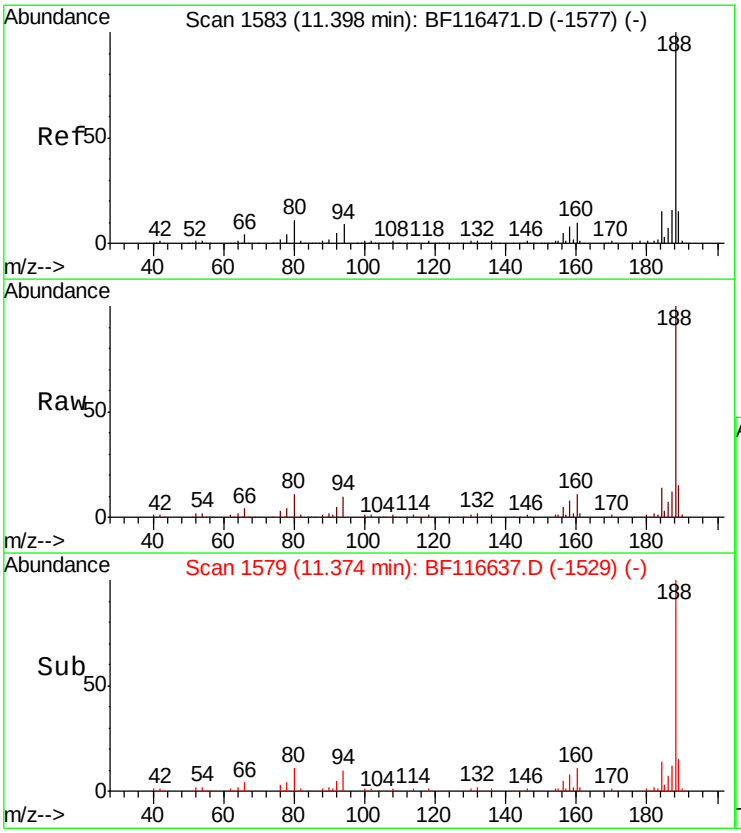
#57
2,4-Dinitrotoluene
Concen: 6.340 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.18 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24921

Ion	Ratio	Lower	Upper
165	100		
63	1.6	30.9	46.3#
89	1.7	55.0	82.6#
182	0.0	2.2	3.2#

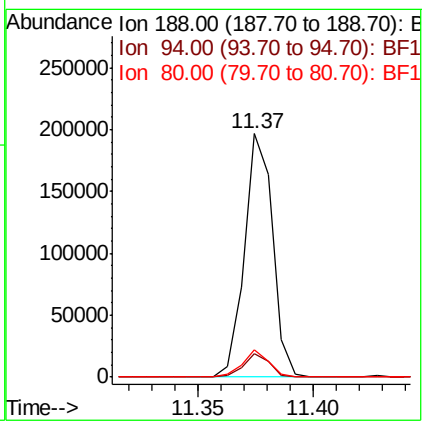


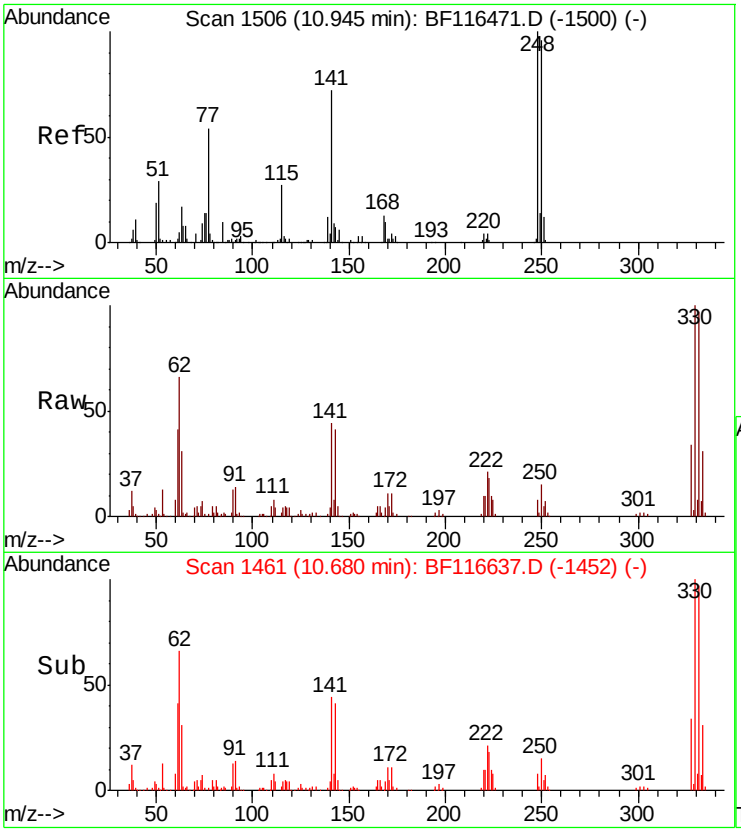


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion:188 Resp: 168263

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.4
80	11.0	8.9	13.3



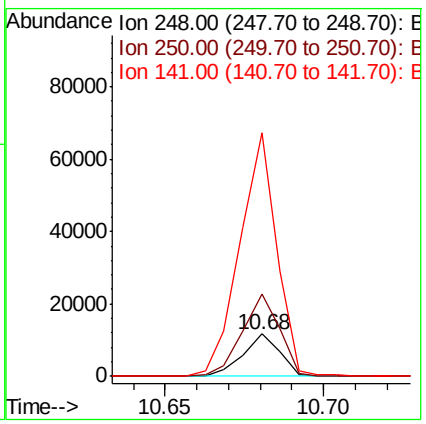


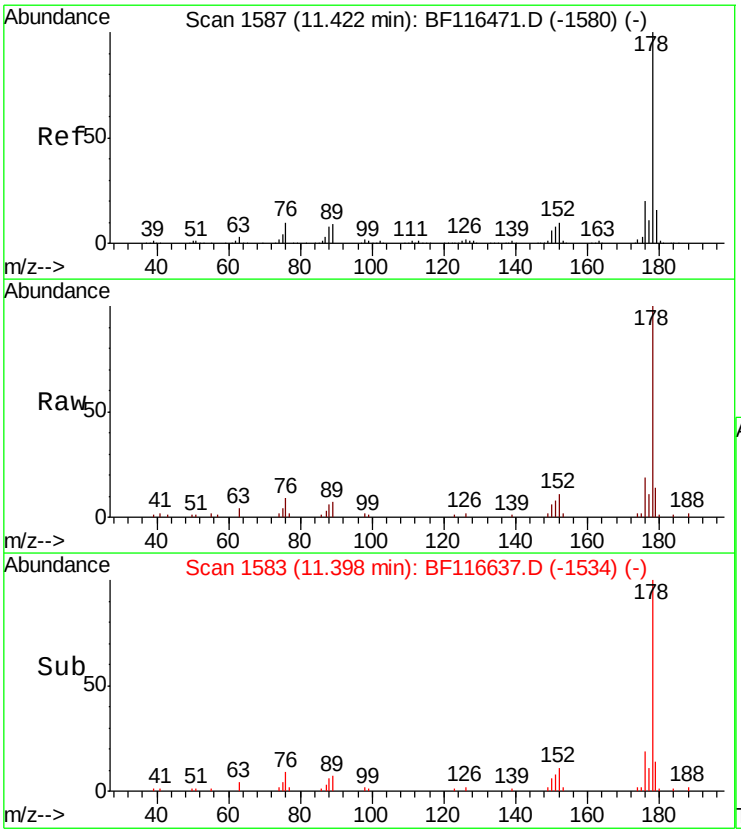
#67
4-Bromophenyl-phenylether
Concen: 5.254 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9378

Ion	Ratio	Lower	Upper
248	100		
250	195.9	76.6	115.0#
141	575.5	60.8	91.2#

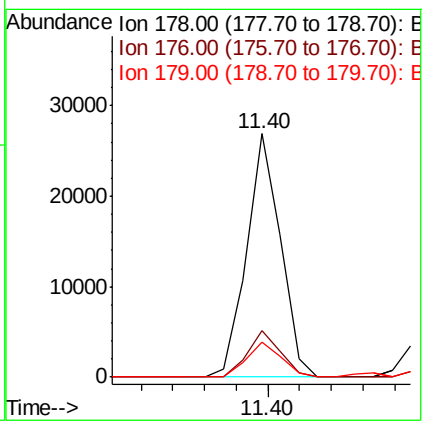


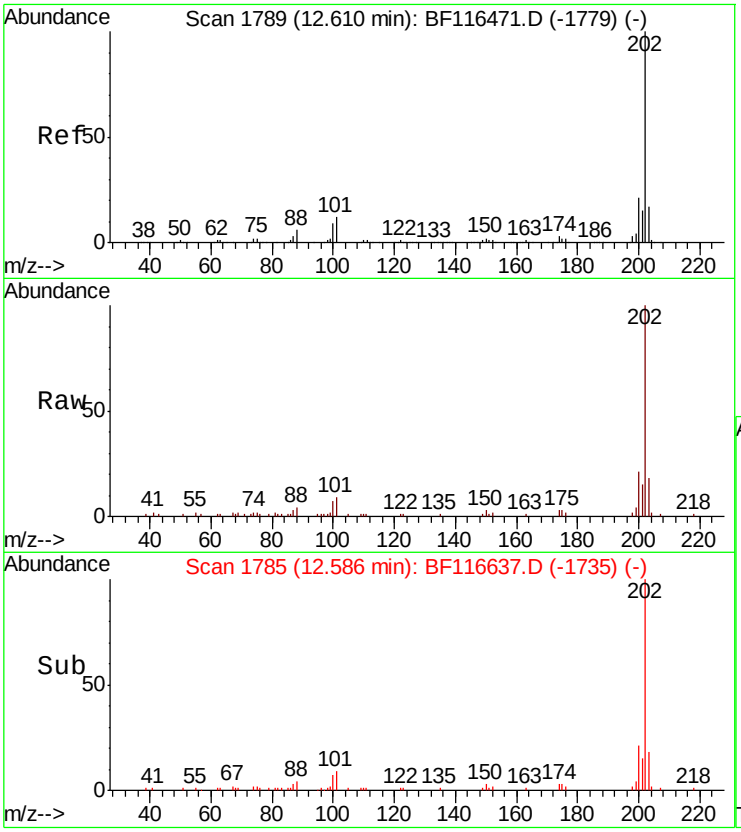


#71
Phenanthrene
Concen: 2.198 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion:178 Resp: 19864

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	14.4	12.4	18.6



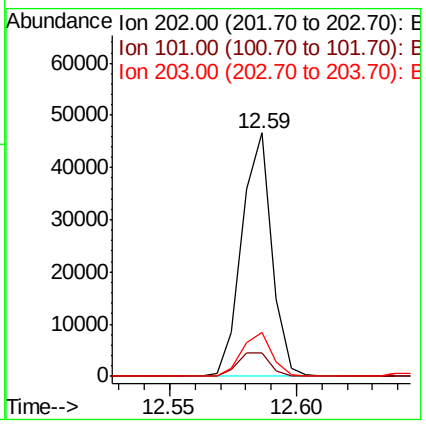


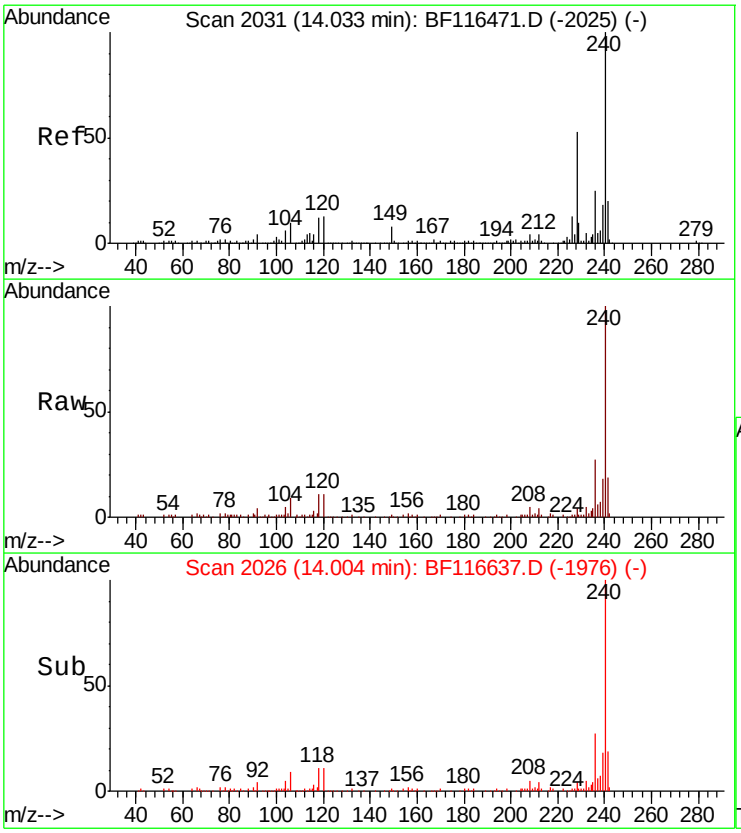
#75
Fluoranthene
Concen: 4.704 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 38127

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	31.8
203	18.0	0.0	37.1

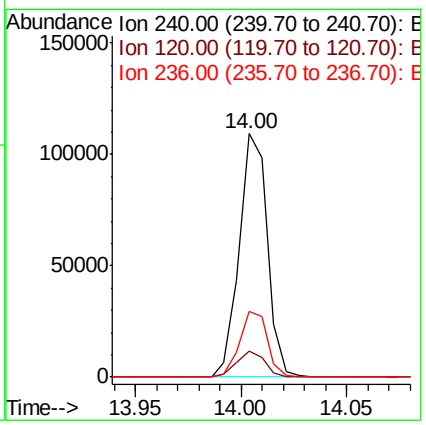


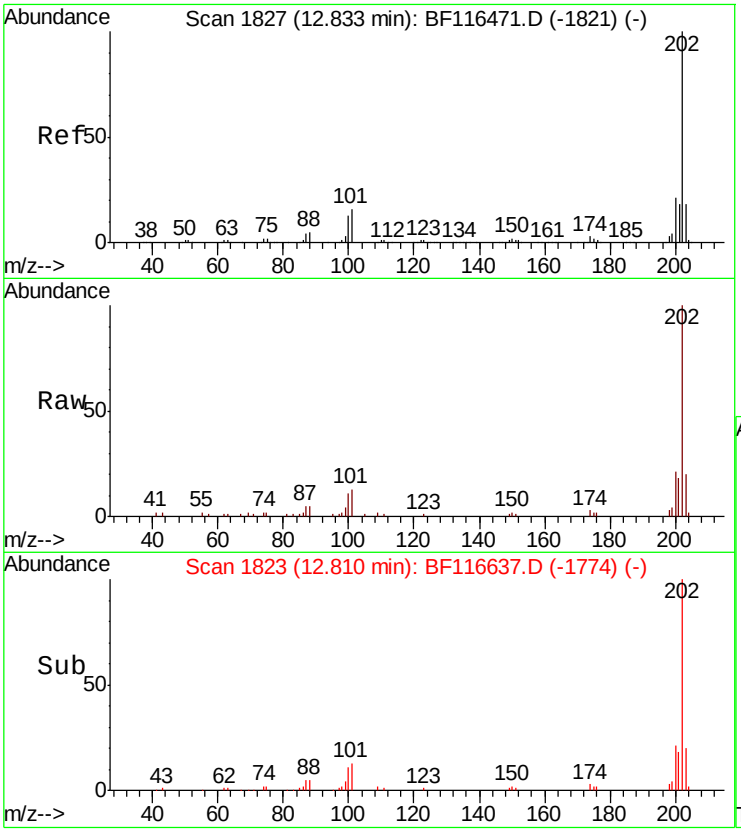


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion:240 Resp: 100854

Ion	Ratio	Lower	Upper
240	100		
120	10.7	11.3	16.9#
236	27.0	21.4	32.2



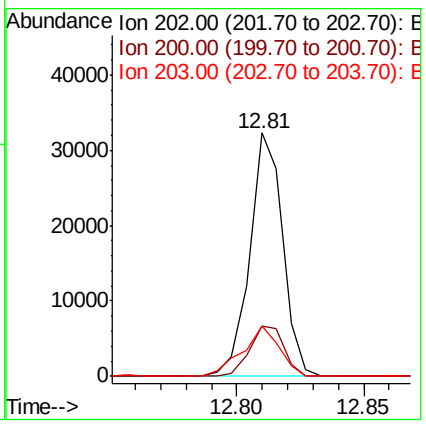


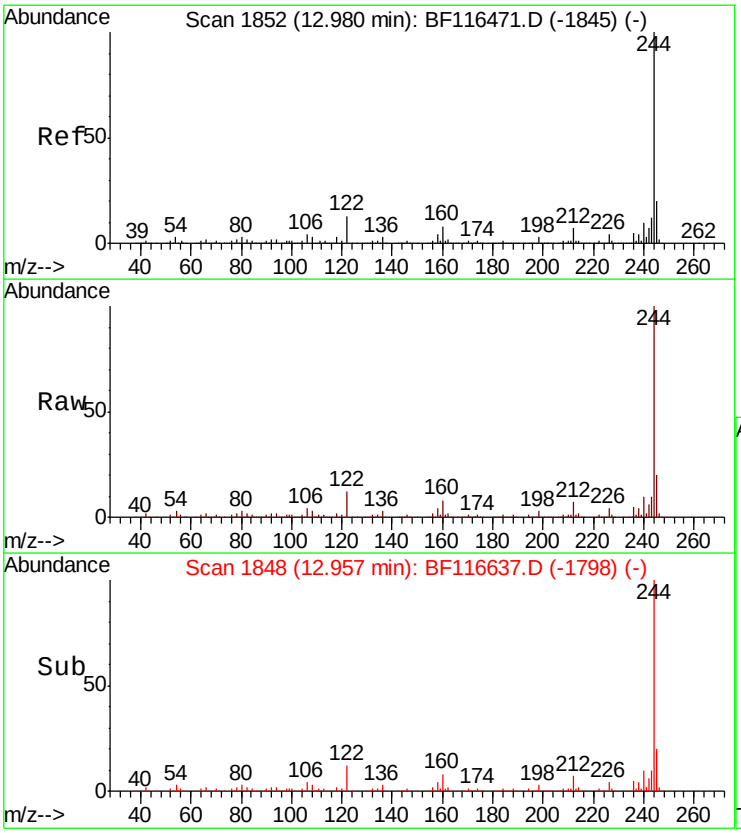
#78
Pyrene
Concen: 3.156 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 29269

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.0
203	20.5	14.2	21.4

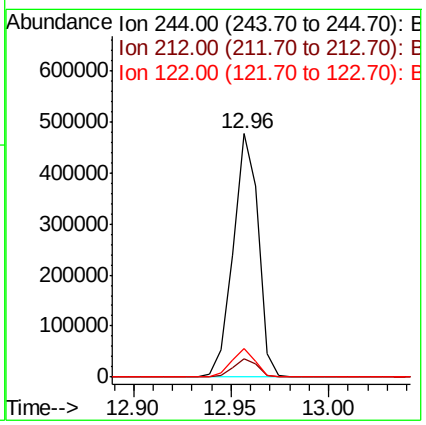


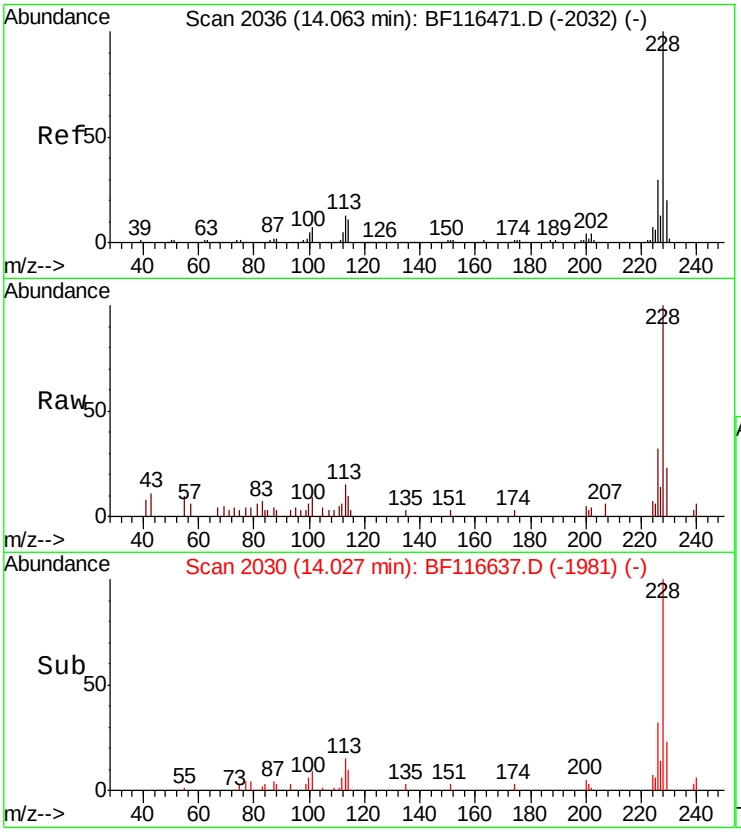


#79
Terphenyl-d14
Concen: 68.248 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion:244 Resp: 423226

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.6	10.0	15.0



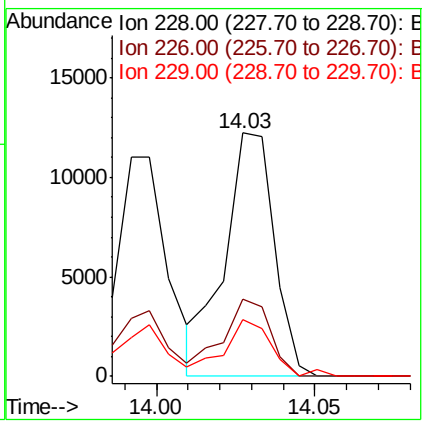


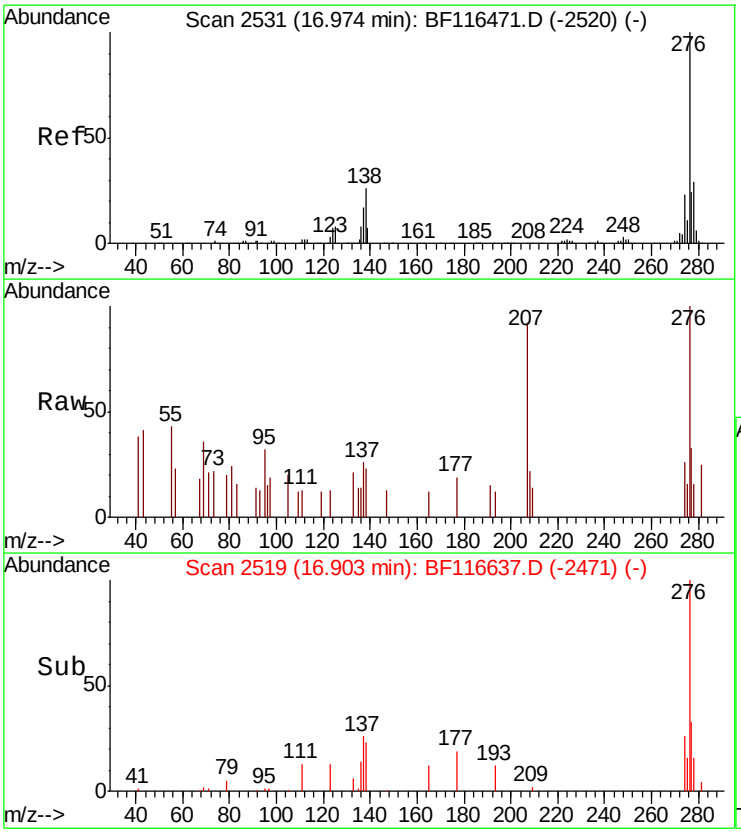
#83
Chrysene
Concen: 2.018 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 13286

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.0	36.0
229	23.1	15.8	23.8

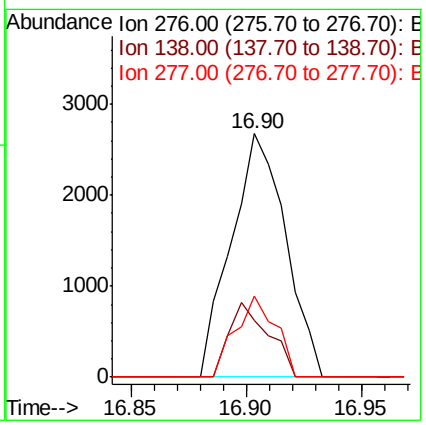


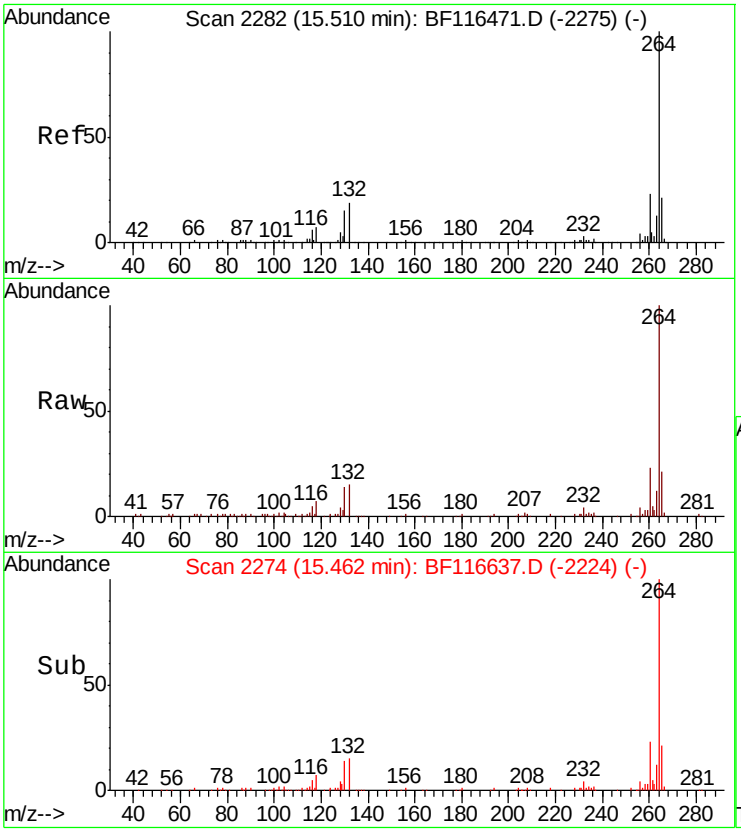


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.652 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion:276 Resp: 4385

Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.5	32.3
277	24.5	20.0	30.0



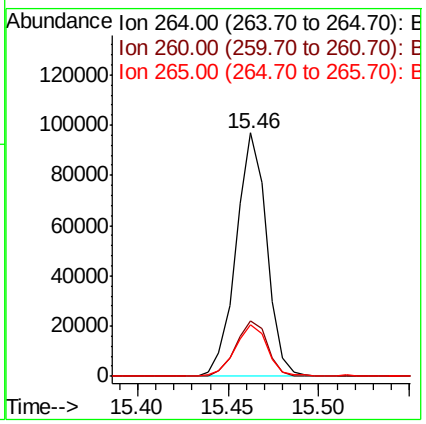


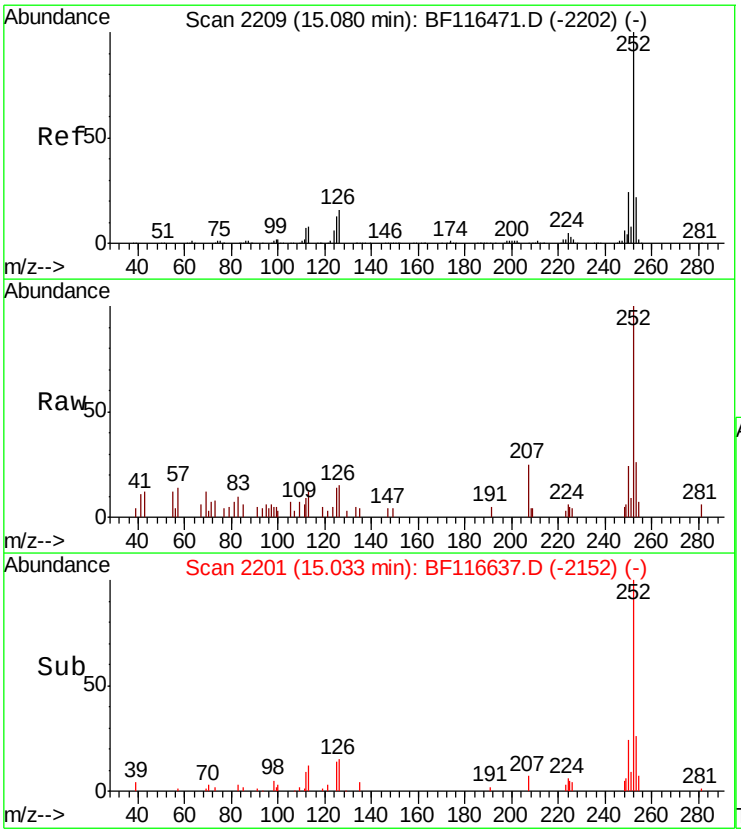
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 113424

Ion	Ratio	Lower	Upper
264	100		
260	22.7	20.0	30.0
265	21.4	17.6	26.4

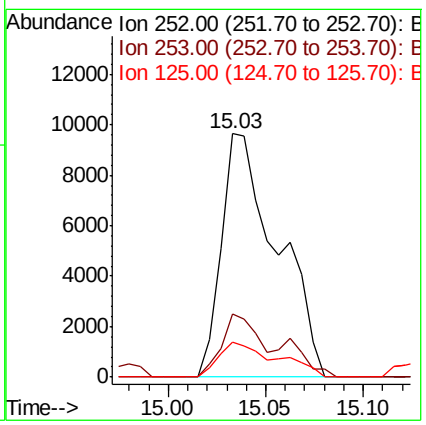


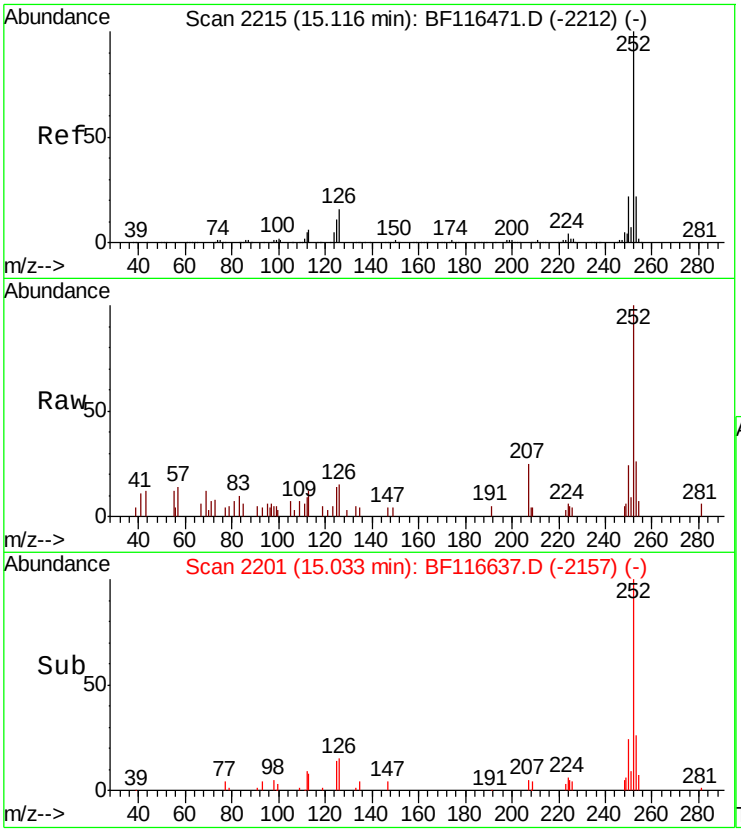


#88
Benzo(b)fluoranthene
Concen: 2.723 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion:252 Resp: 18970

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.3	25.9#
125	14.2	9.0	13.6#





#89
Benzo(k)fluoranthene
Concen: 2.865 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 18970

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.2	25.8#
125	14.2	8.6	13.0#