Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111426.D
Acq On : 14 Dec 2018 18:40
Operator : JU/SJ
Sample : J6319-07DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 14 19:07:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	171415	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	675982	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	280209	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	387618	20.00	ng		0.00
76) Chrysene-d12	13.95	240	363148	20.00	ng		0.00
87) Perylene-d12	15.39	264	291080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	240524	23.35	ng		0.00
7) Phenol-d6	6.43	99	297931	21.74	ng		-0.01
23) Nitrobenzene-d5	7.35	82	174149	15.34	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	41730	16.62	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	304327	16.78	ng		0.00
79) Terphenyl-d14	12.89	244	192341	12.44	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.35	82	171783	8.944	ng	#	64
51) 2,6-Dinitrotoluene	9.83	165	37321	8.216	ng	#	29
52) Acenaphthene	9.86	154	34188	2.019	ng		97
57) 2,4-Dinitrotoluene	9.83	165	37321	6.260	ng	#	25
58) Fluorene	10.37	166	45932	2.577	ng		99
71) Phenanthrene	11.33	178	594053	29.742	ng		93
72) Anthracene	11.39	178	152399	7.461	ng		94
75) Fluoranthene	12.52	202	606541	31.041	ng		98
78) Pyrene	12.75	202	750831	29.326	ng		96
81) Benzo(a)anthracene	13.94	228	325475	16.483	ng		99
83) Chrysene	13.97	228	285932	13.746	ng		97
86) Indeno(1,2,3-cd)pyrene	16.80	276	80961	5.393	ng	#	91
88) Benzo(b)fluoranthene	14.98	252	344235	20.284	ng		98
89) Benzo(k)fluoranthene	14.98	252	344235	21.229	ng		98
90) Benzo(a)pyrene	15.33	252	202627	13.241	ng		97

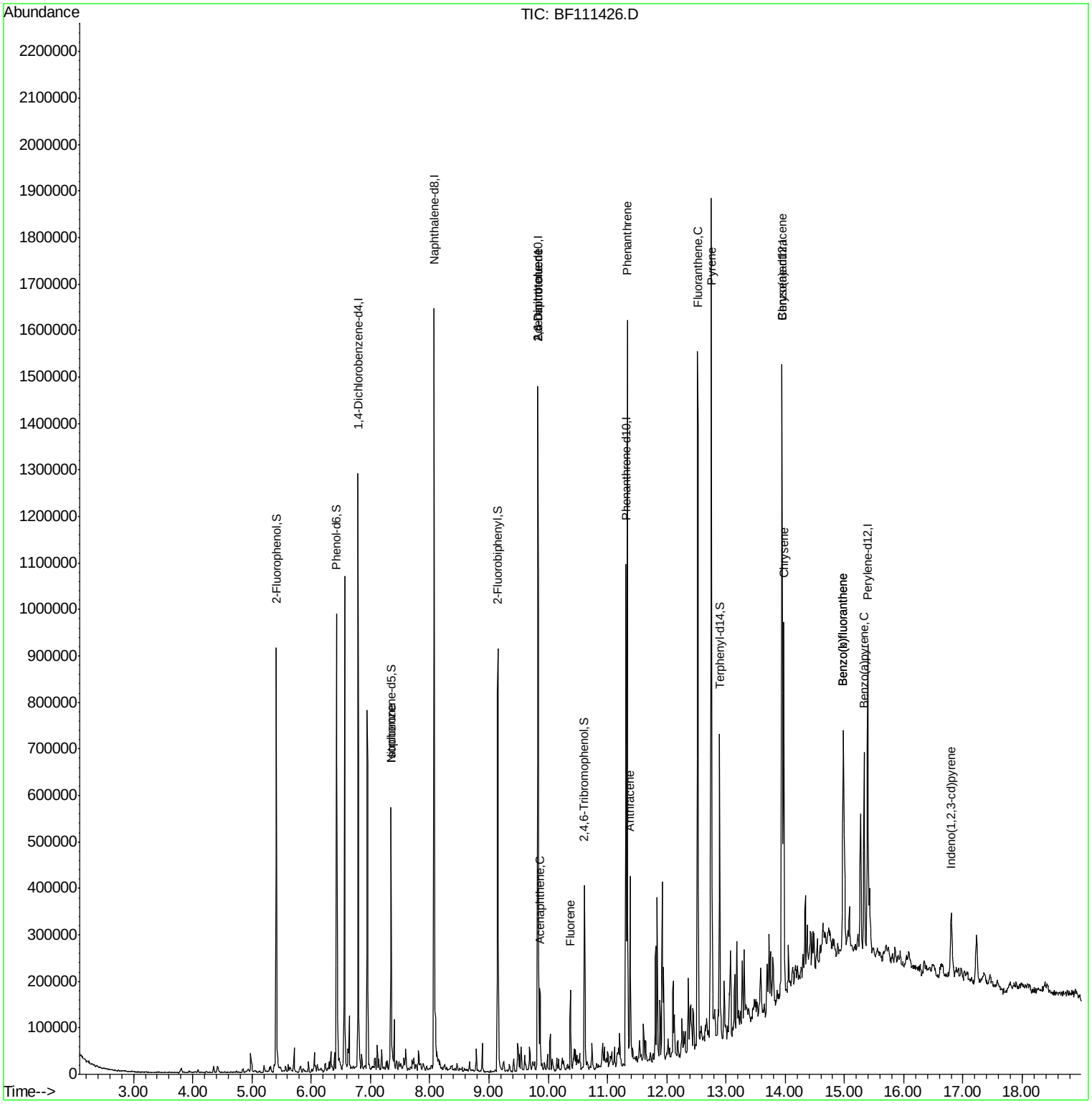
(#) = qualifier out of range (m) = manual integration (+) = signals summed

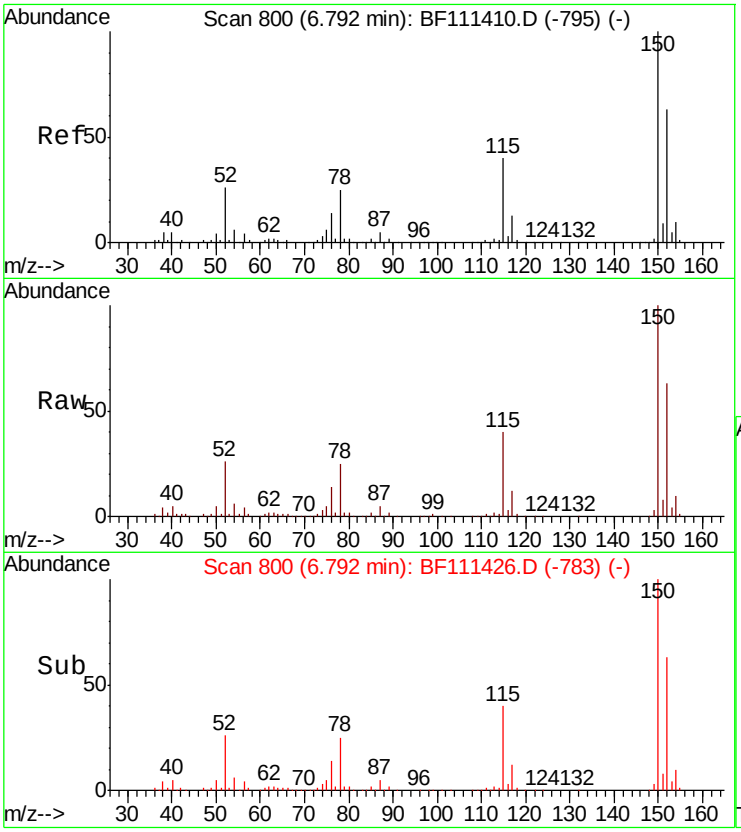
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111426.D
Acq On : 14 Dec 2018 18:40
Operator : JU/SJ
Sample : J6319-07DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 14 19:07:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration



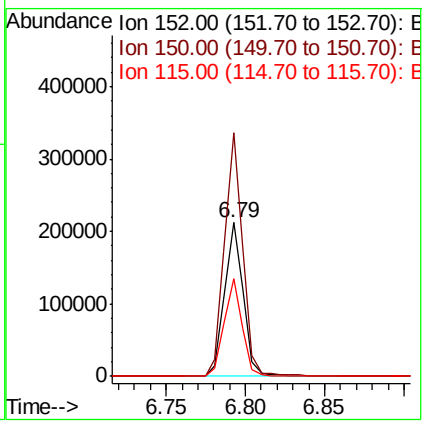


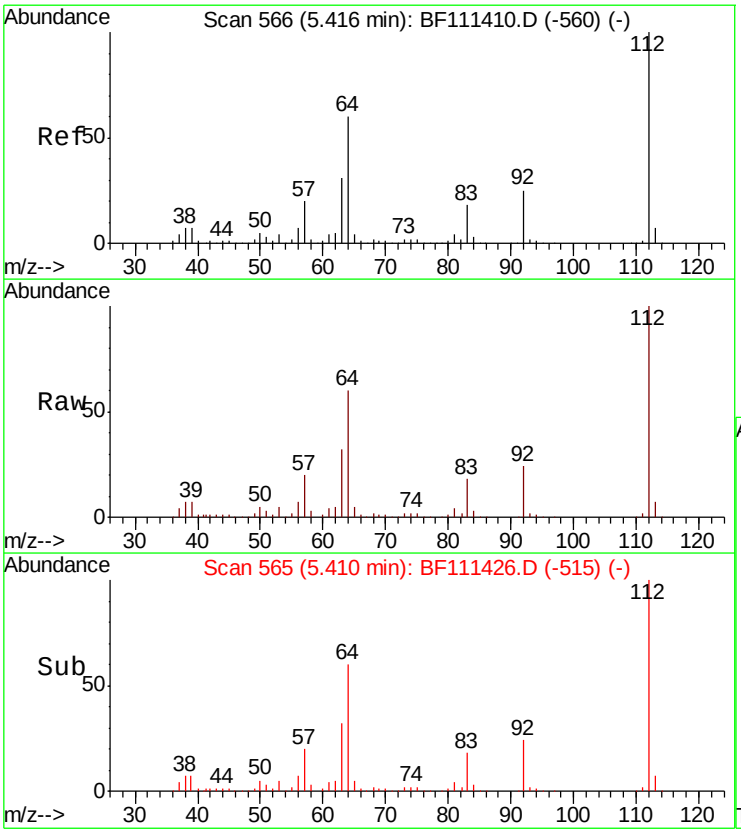
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 171415

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.6	189.8
115	63.5	50.7	76.1

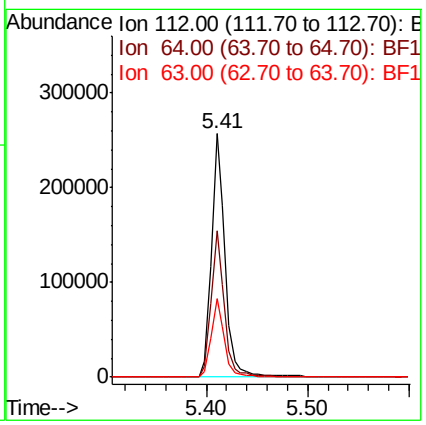


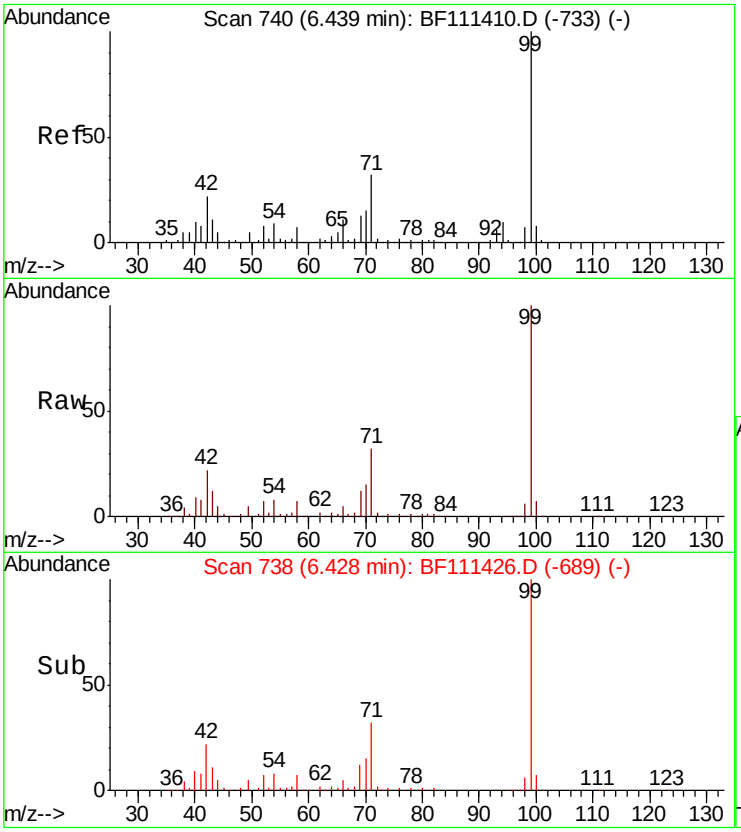


#5
2-Fluorophenol
Concen: 23.350 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:112 Resp: 240524

Ion	Ratio	Lower	Upper
112	100		
64	60.4	51.8	77.6
63	32.1	26.8	40.2



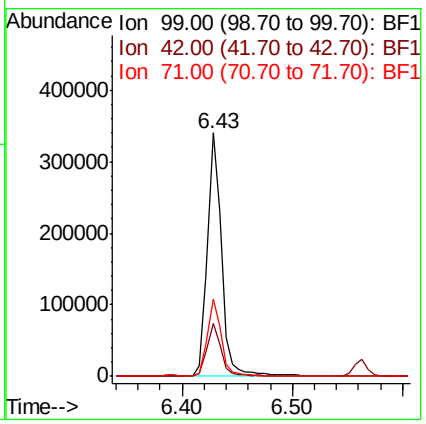


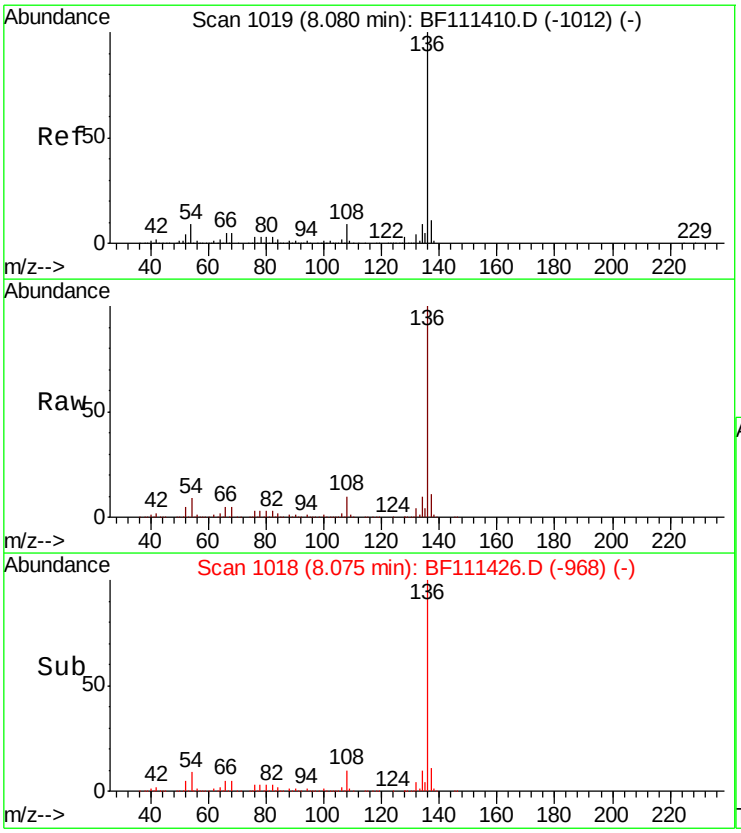
#7
Phenol-d6
Concen: 21.743 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 297931

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.4	26.0
71	31.9	26.1	39.1

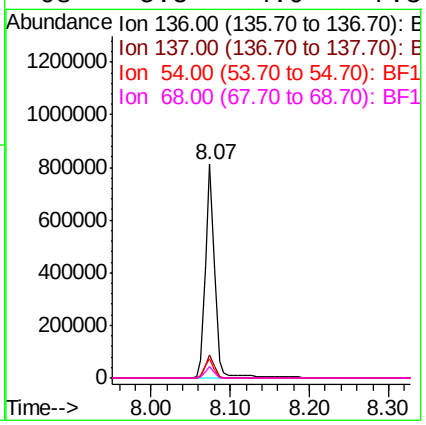


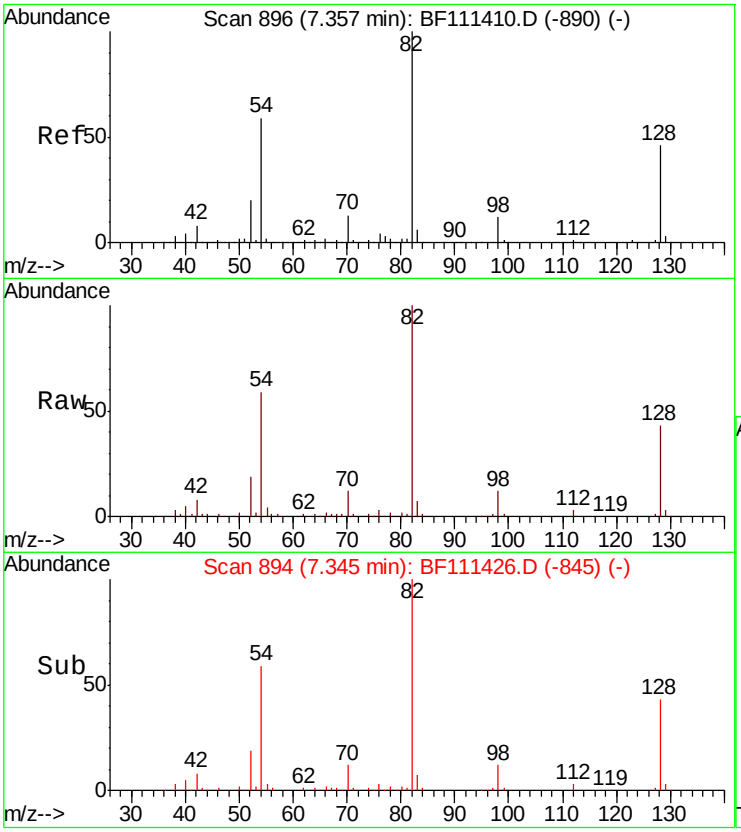


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:136 Resp: 675982

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.1	7.7	11.5
68	5.5	4.9	7.3



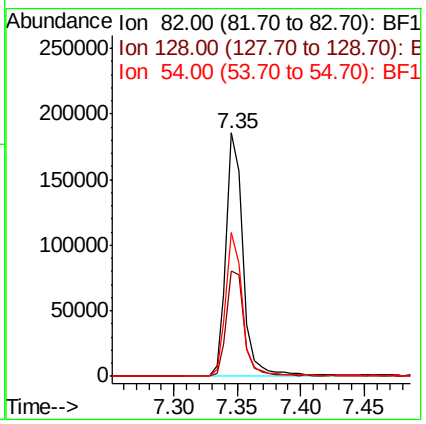


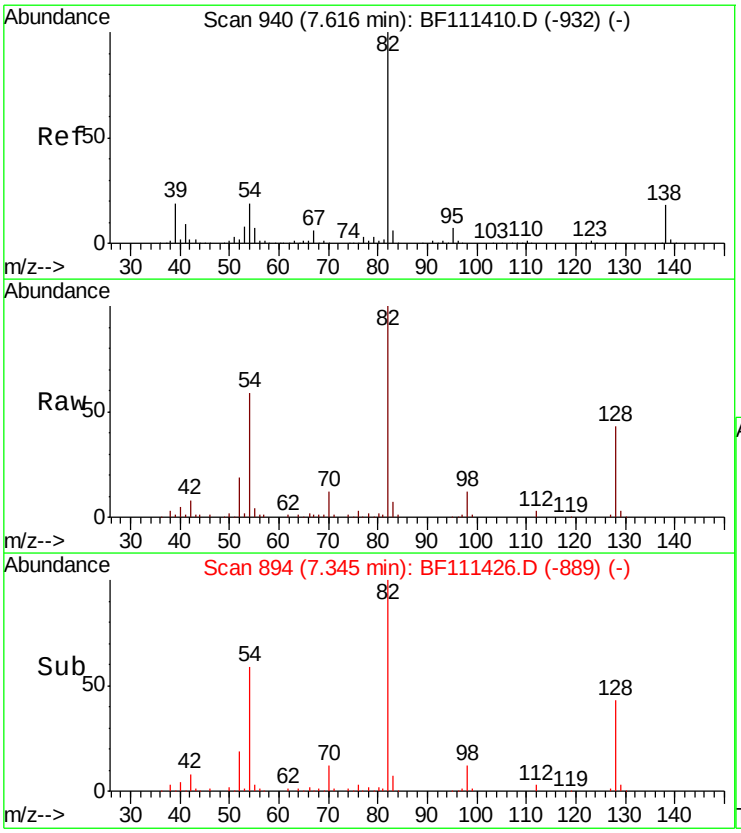
#23
Nitrobenzene-d5
Concen: 15.341 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 174149

Ion	Ratio	Lower	Upper
82	100		
128	43.1	37.4	56.2
54	59.3	47.6	71.4

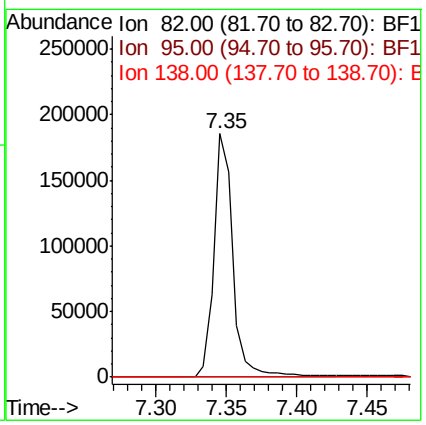


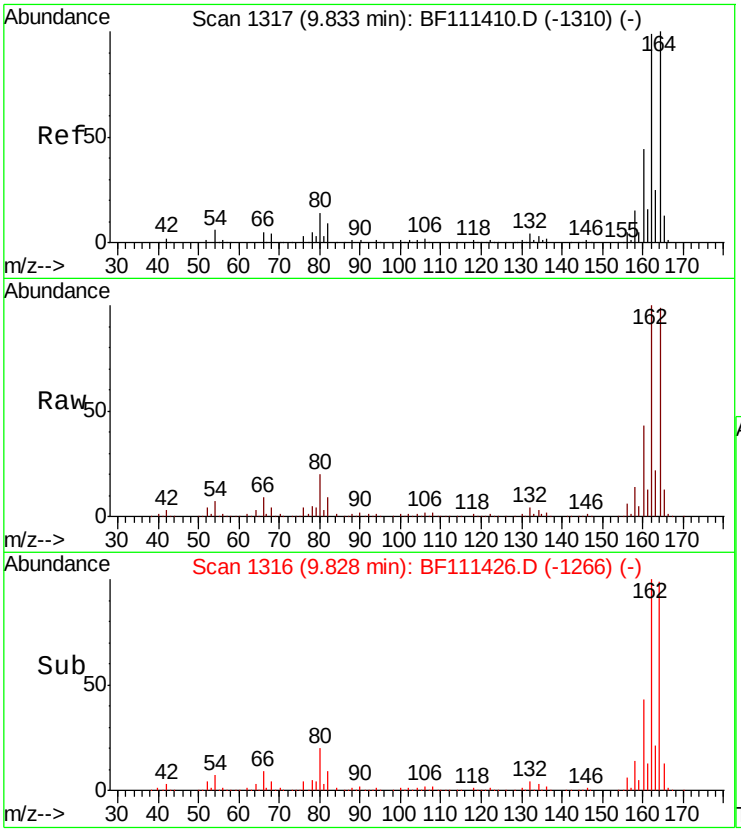


#25
Isophorone
Concen: 8.944 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.27 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion: 82 Resp: 171783

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.4	8.2#
138	0.0	15.1	22.7#

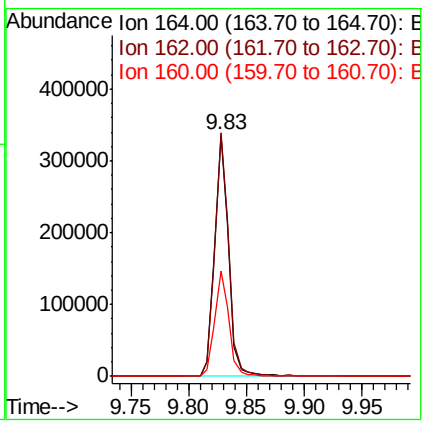




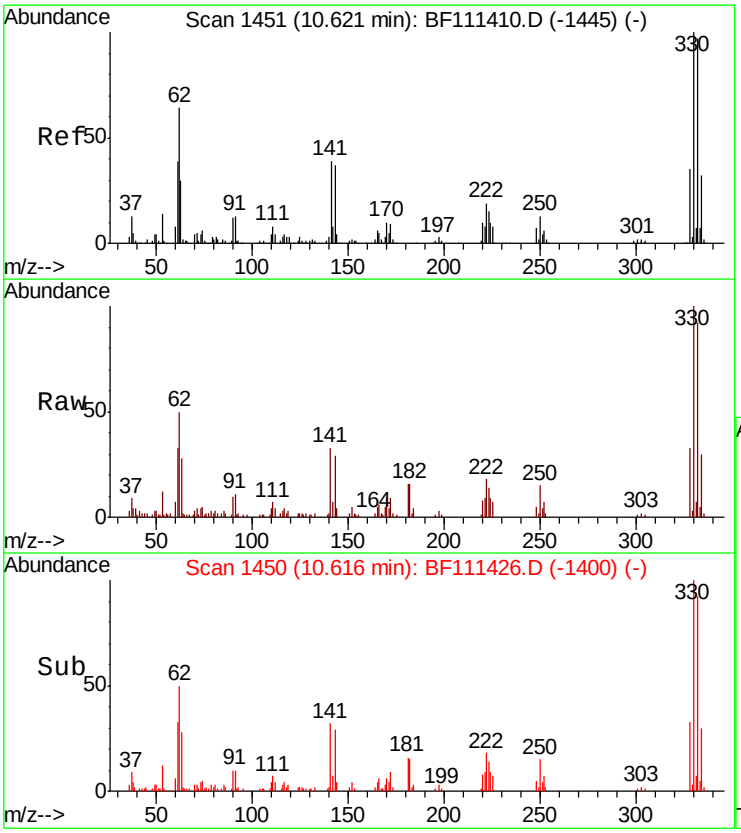
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:164 Resp: 280209

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	43.6	35.7	53.5



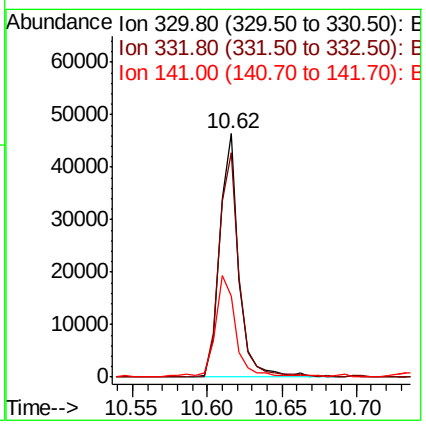
Instrument :
BNA_F
ClientSampleId :

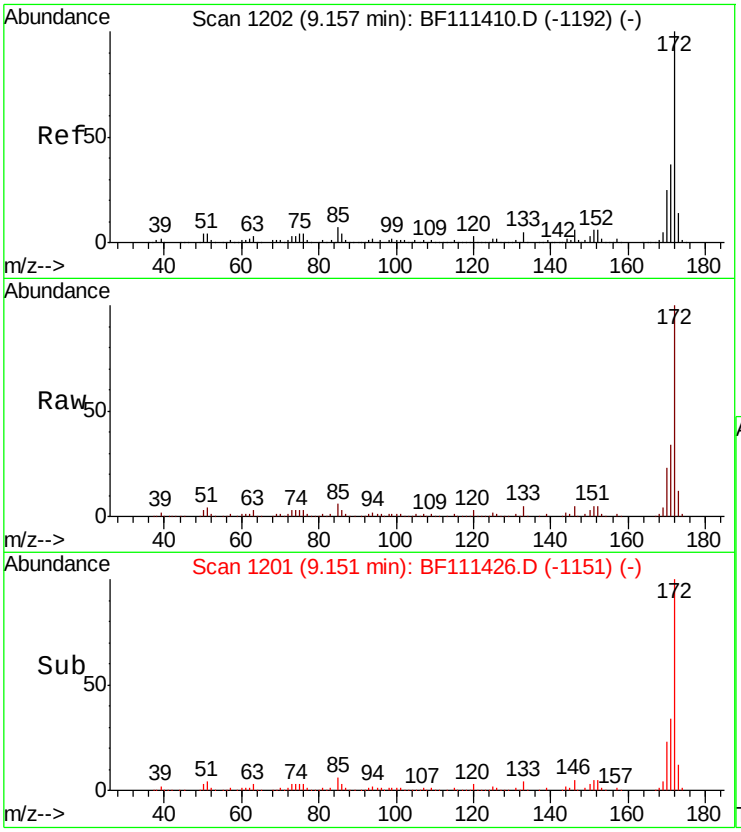


#42
2,4,6-Tribromophenol
Concen: 16.625 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:330 Resp: 41730

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.0	114.0
141	45.9	31.0	46.6

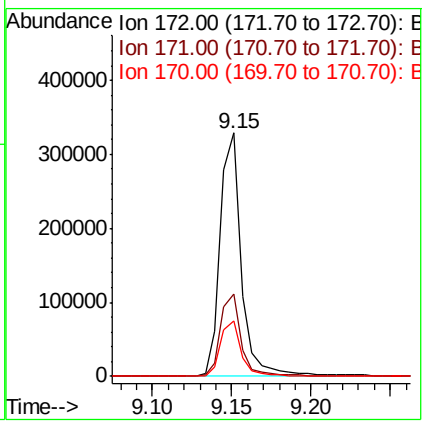




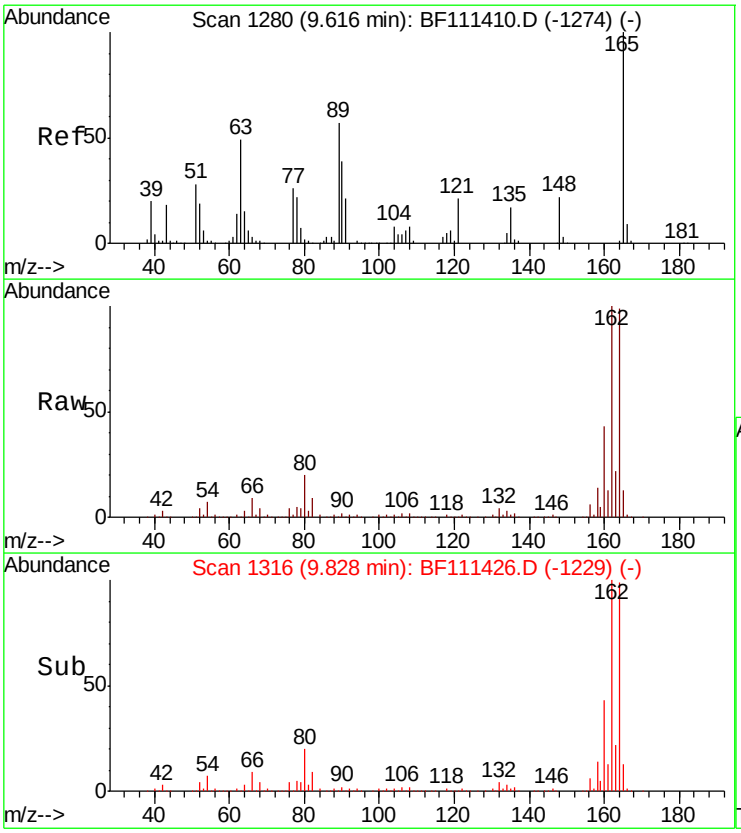
#45
2-Fluorobiphenyl
Concen: 16.776 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:172 Resp: 304327

Ion	Ratio	Lower	Upper
172	100		
171	34.1	33.0	49.4
170	22.7	22.3	33.5



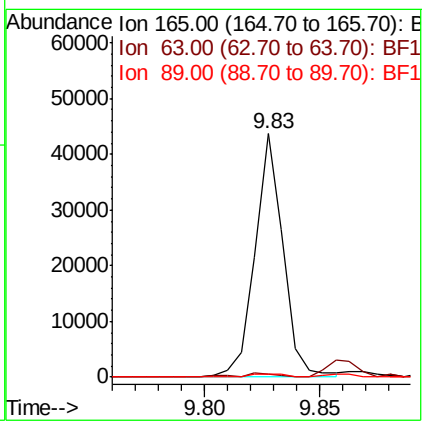
Instrument :
BNA_F
ClientSampleId :

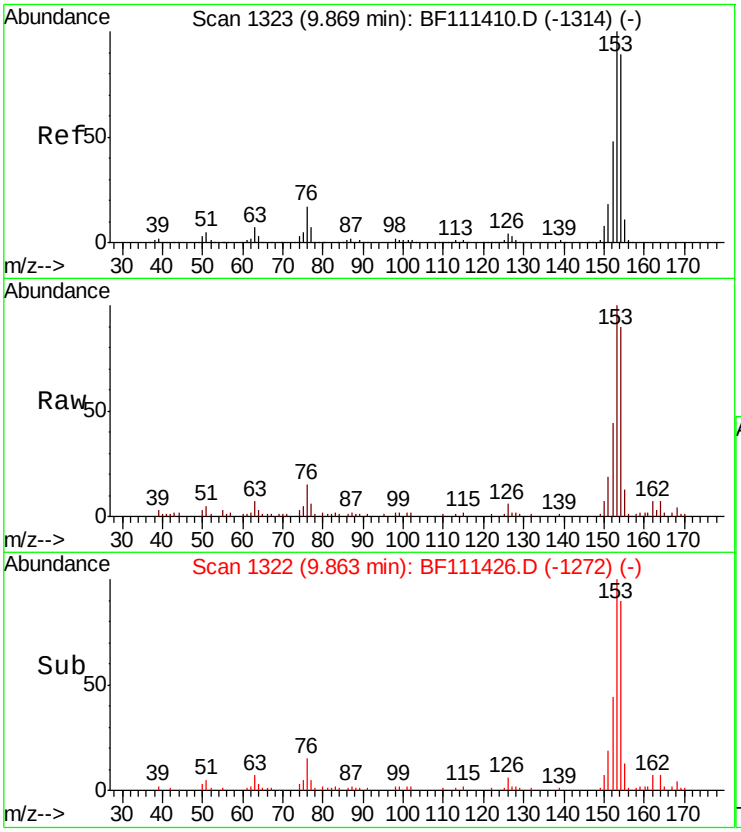


#51
2,6-Dinitrotoluene
Concen: 8.216 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:165 Resp: 37321

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.5	60.7#
89	1.4	40.0	60.0#



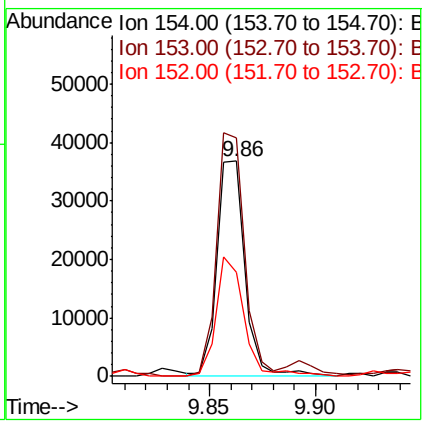


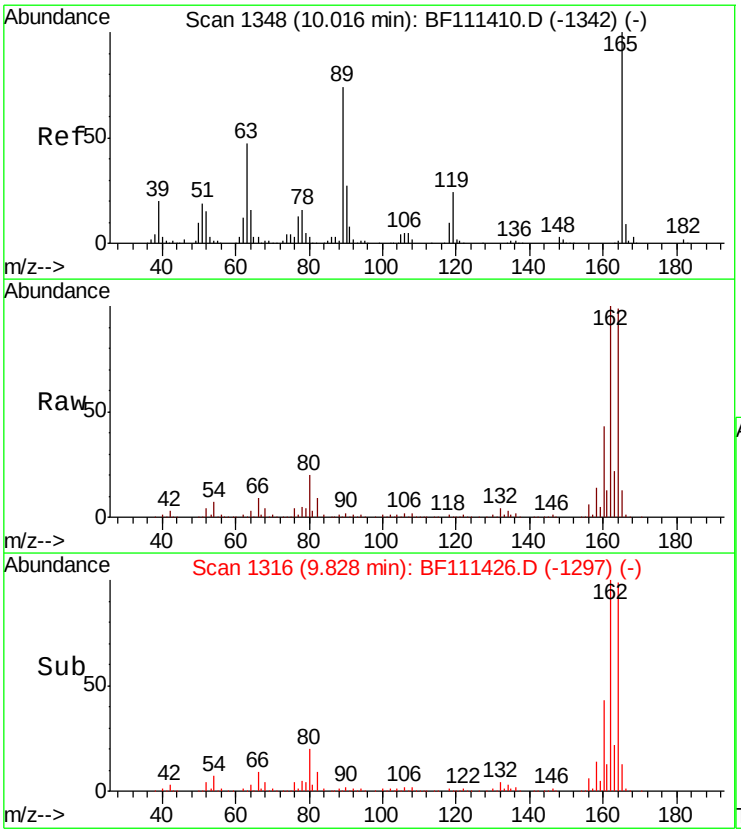
#52
Acenaphthene
Concen: 2.019 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 34188

Ion	Ratio	Lower	Upper
154	100		
153	110.8	87.8	131.8
152	48.7	43.4	65.2

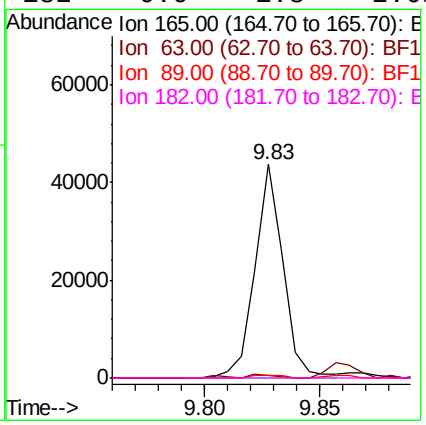


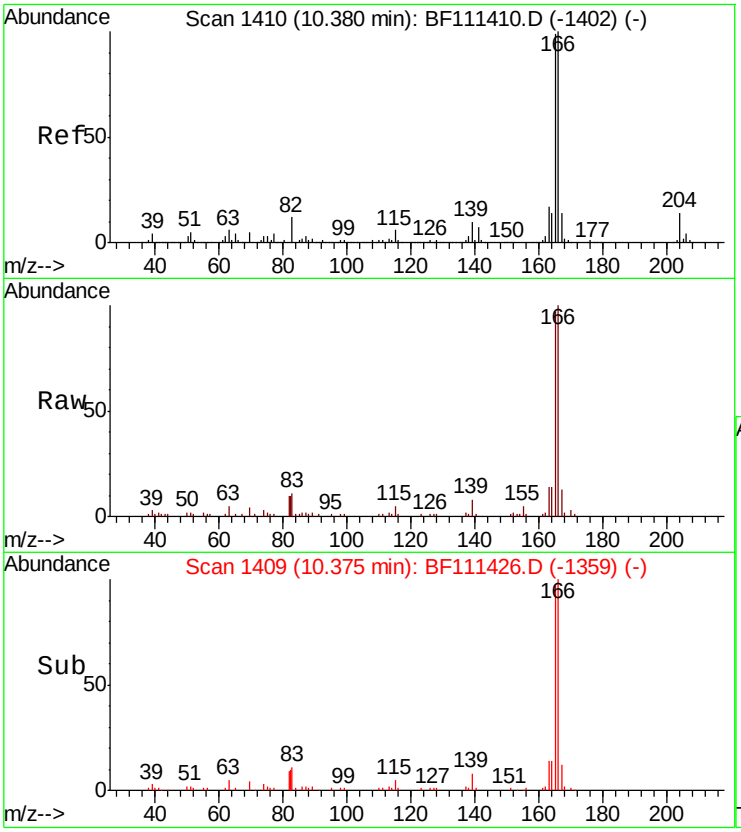


#57
2,4-Dinitrotoluene
Concen: 6.260 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:165 Resp: 37321

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.6	52.0#
89	1.4	56.2	84.4#
182	0.0	1.8	2.6#



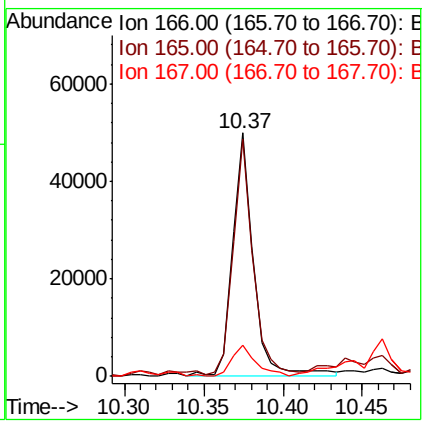


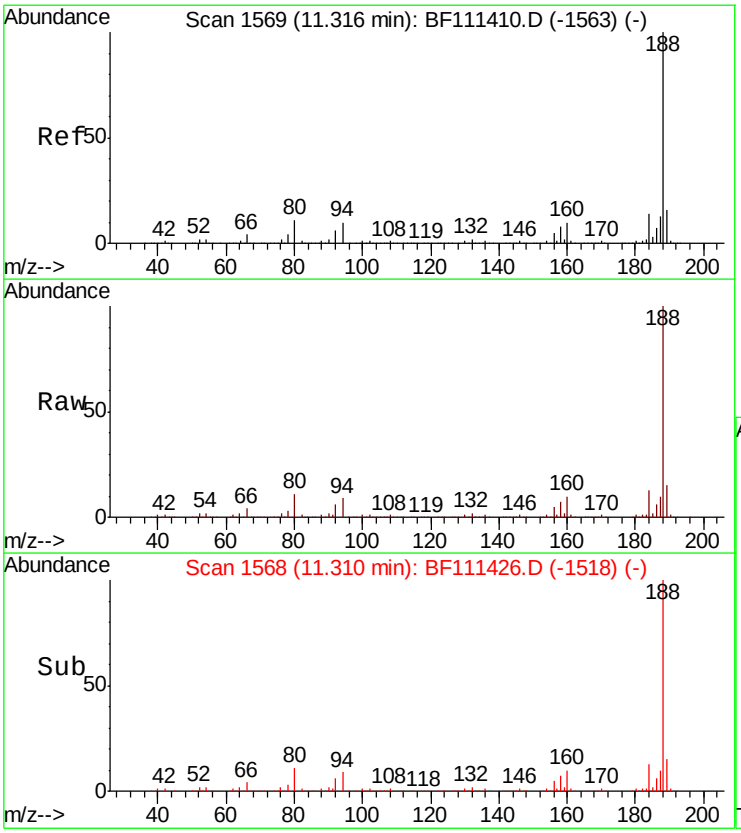
#58
Fluorene
Concen: 2.577 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 45932

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.4	117.6
167	12.7	11.2	16.8

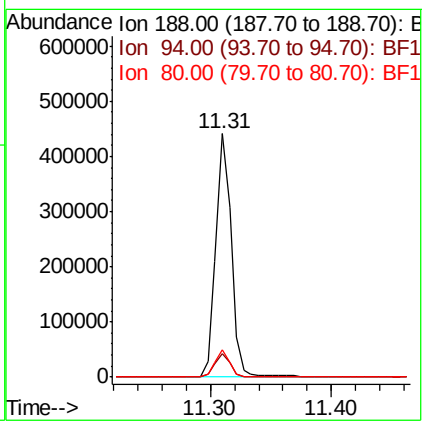


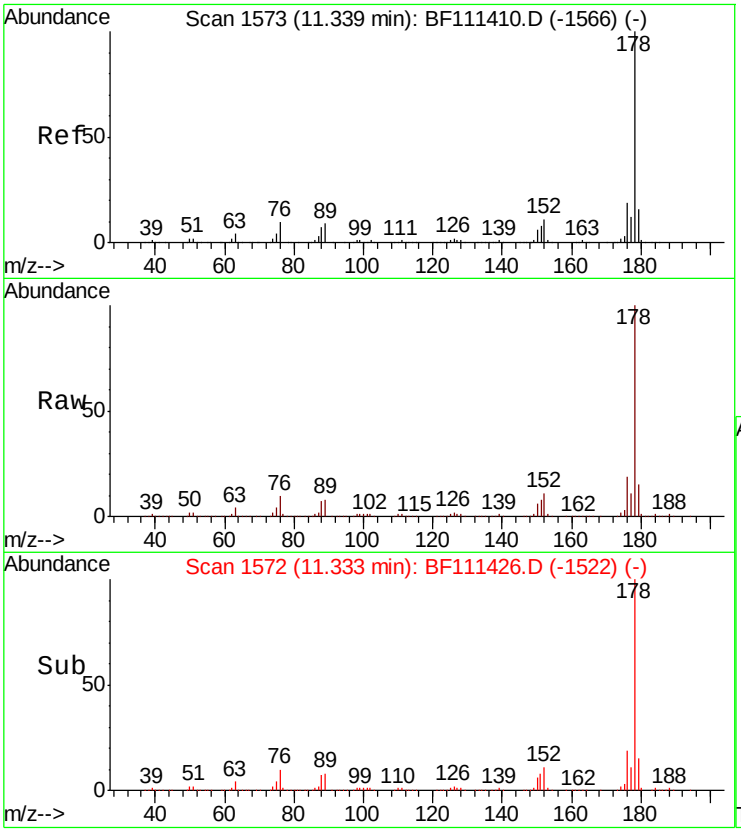


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:188 Resp: 387618

Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.6	14.4#
80	11.5	9.8	14.6



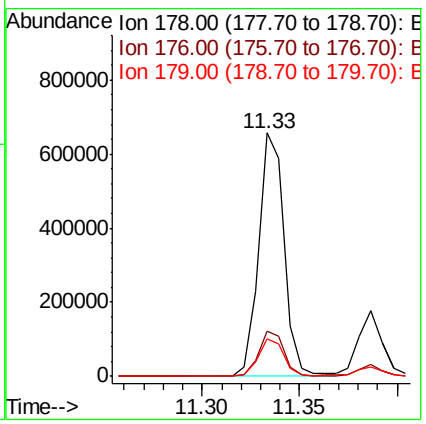


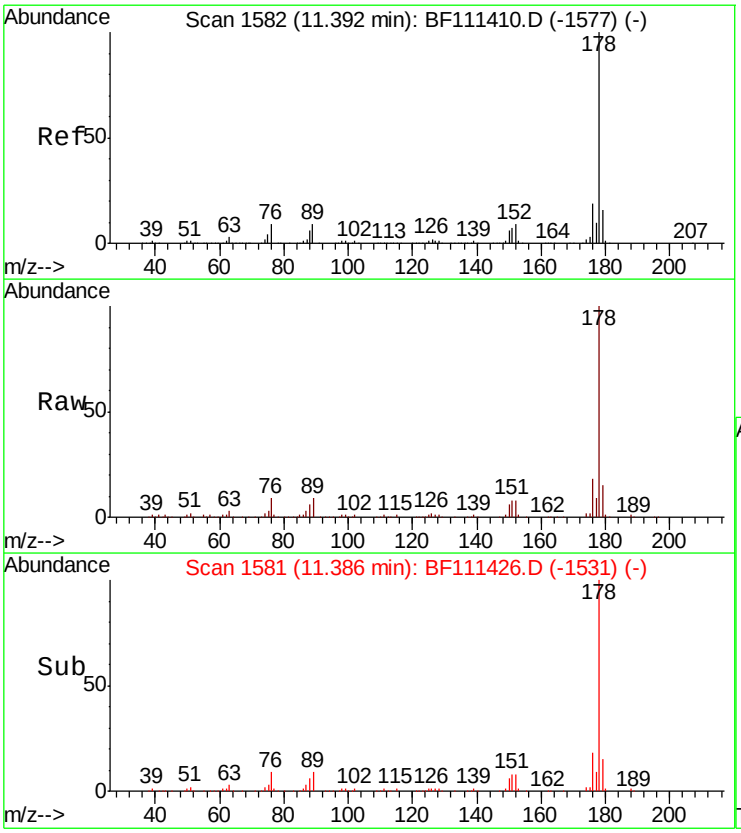
#71
Phenanthrene
Concen: 29.742 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 594053

Ion	Ratio	Lower	Upper
178	100		
176	18.8	18.1	27.1
179	15.4	14.0	21.0

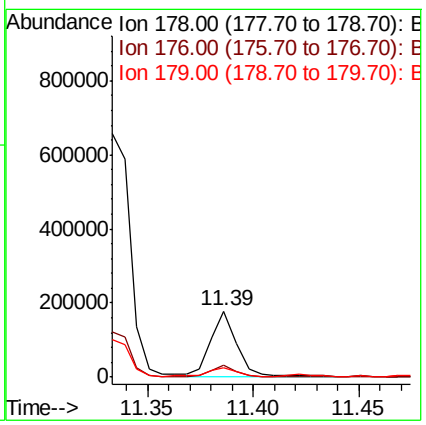


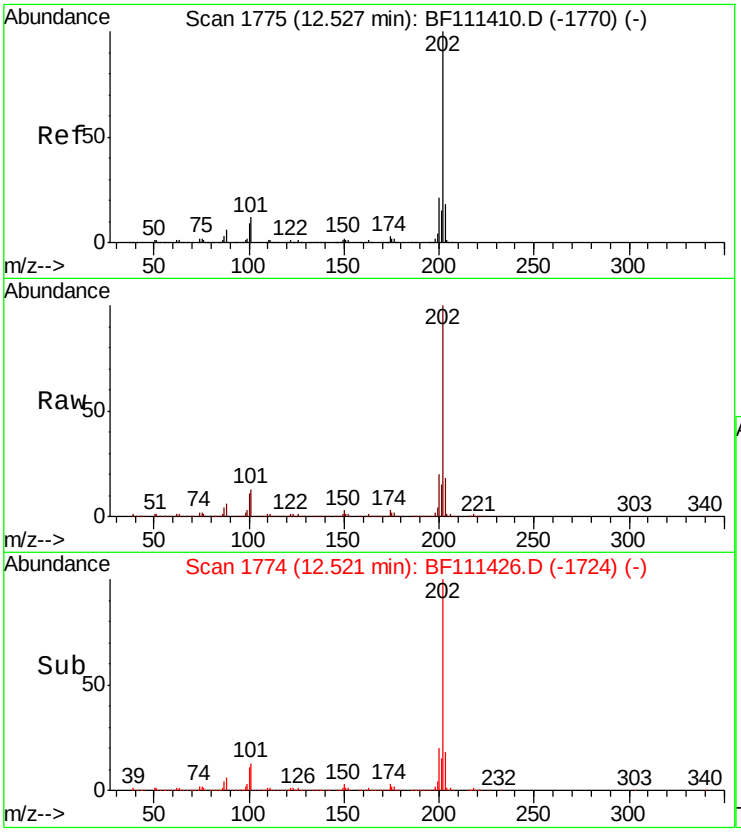


#72
Anthracene
Concen: 7.461 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:178 Resp: 152399

Ion	Ratio	Lower	Upper
178	100		
176	18.0	17.2	25.8
179	14.9	13.8	20.8



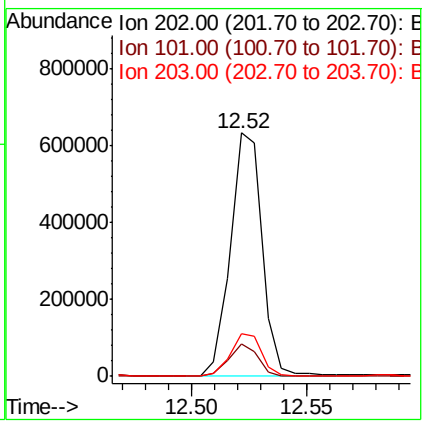


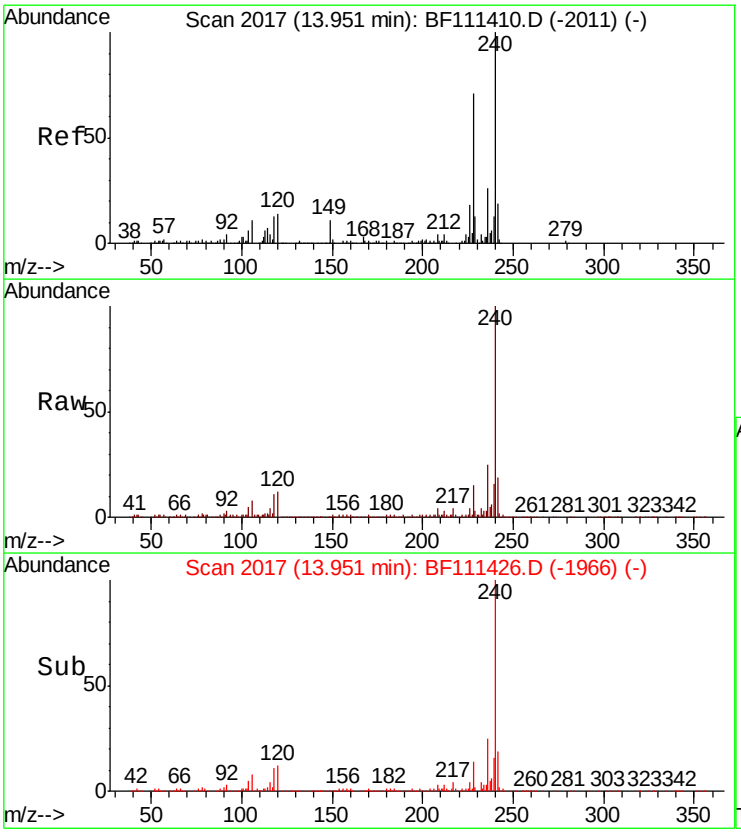
#75
Fluoranthene
Concen: 31.041 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 606541

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.8
203	17.8	0.0	38.6

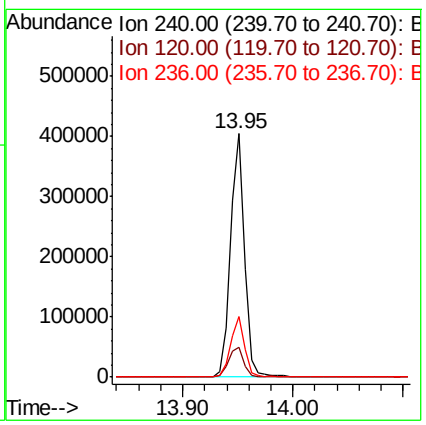


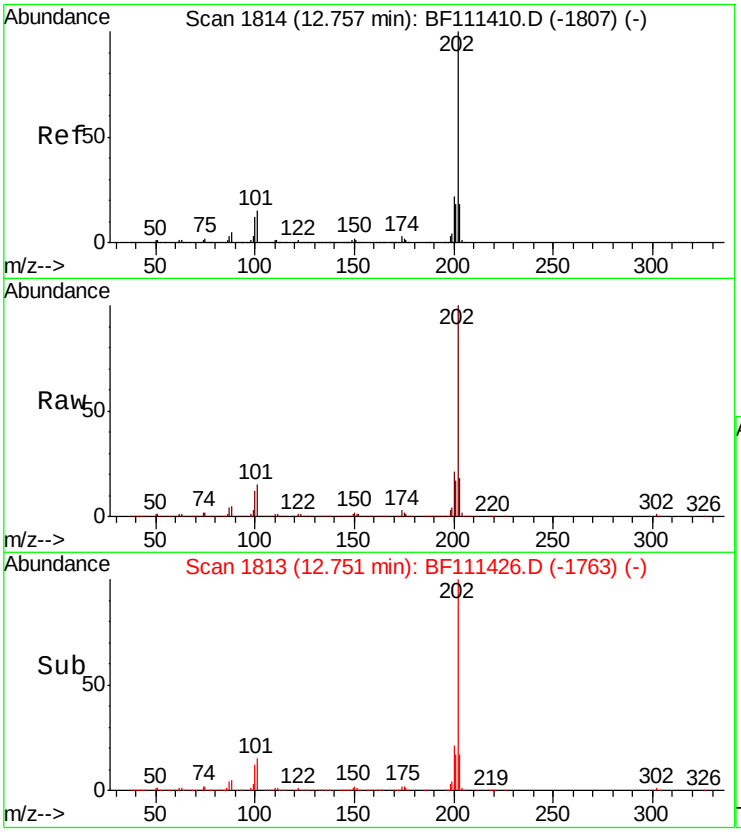


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:240 Resp: 363148

Ion	Ratio	Lower	Upper
240	100		
120	12.1	12.2	18.2#
236	25.0	20.2	30.2



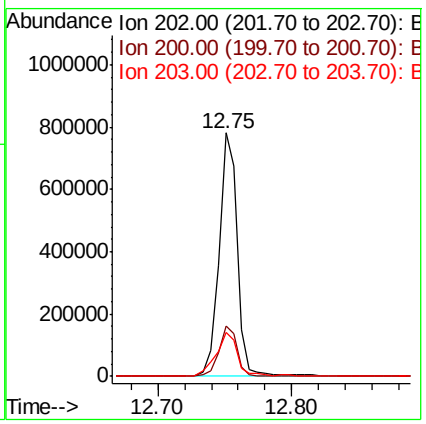


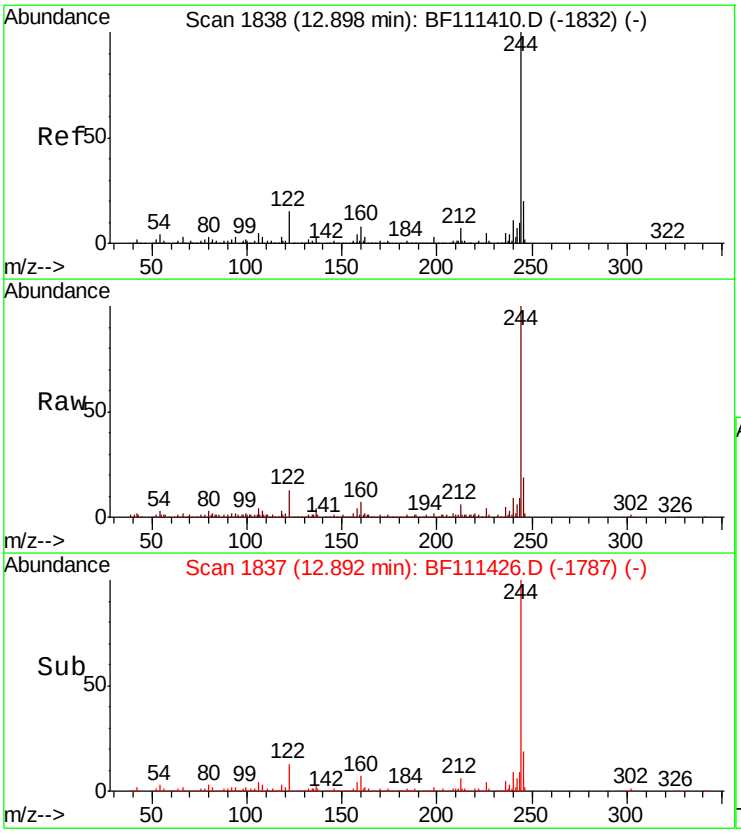
#78
Pyrene
Concen: 29.326 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 750831

Ion	Ratio	Lower	Upper
202	100		
200	20.8	19.0	28.4
203	17.8	15.2	22.8

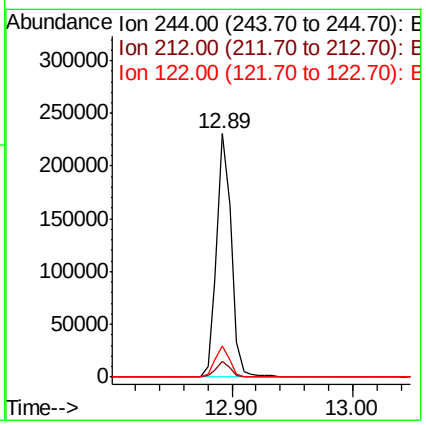


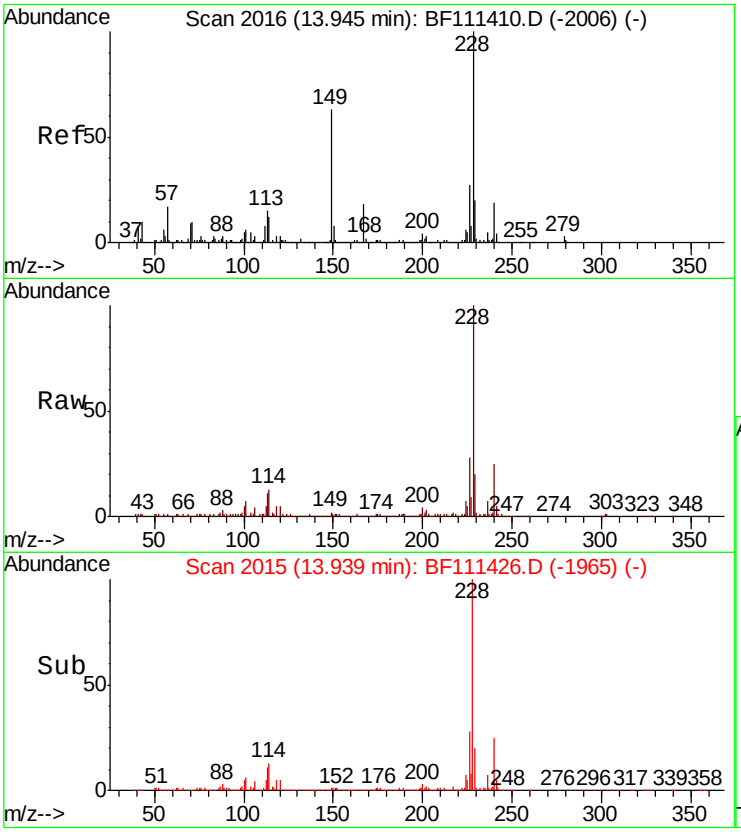


#79
Terphenyl-d14
Concen: 12.437 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:244 Resp: 192341

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	12.6	13.1	19.7#



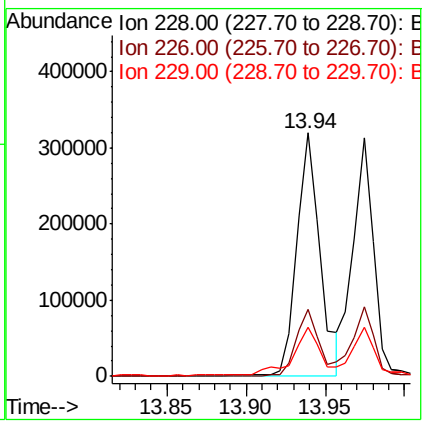


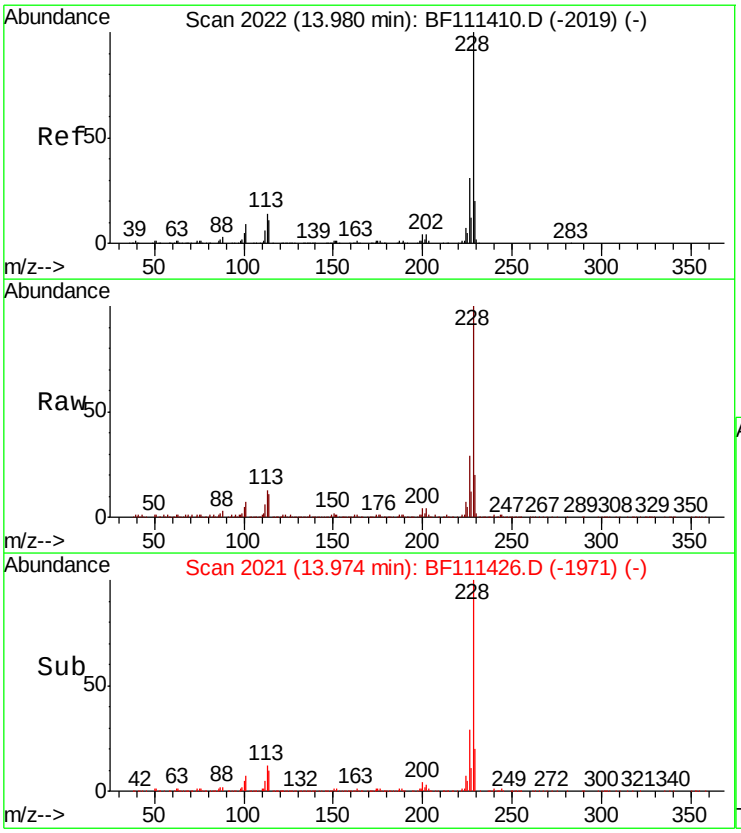
#81
Benzo(a)anthracene
Concen: 16.483 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 325475

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	20.4	16.3	24.5

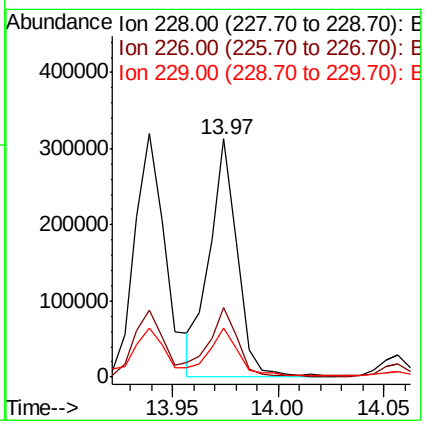


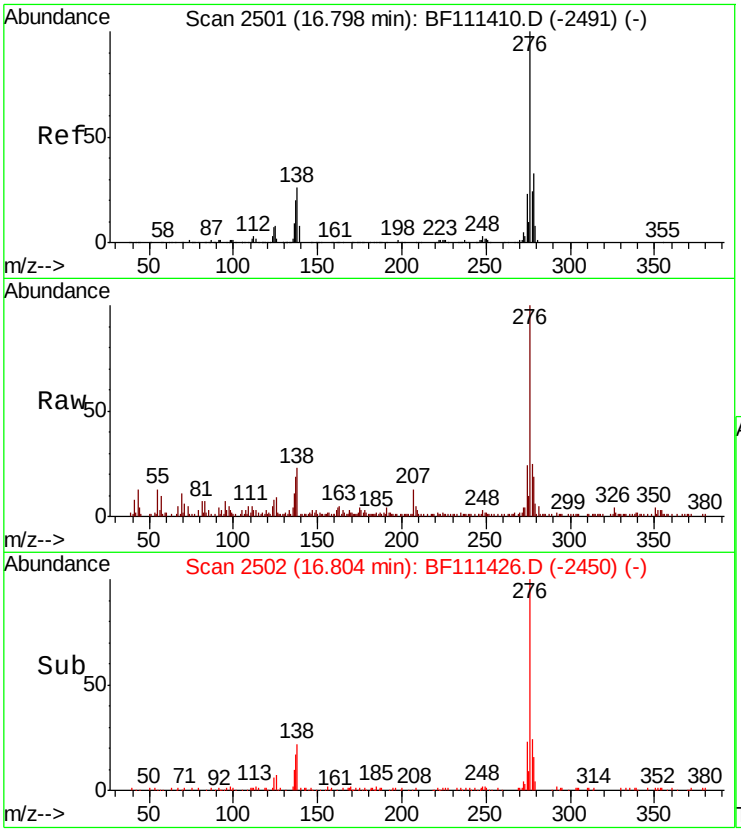


#83
Chrysene
Concen: 13.746 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:228 Resp: 285932

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.3	37.9
229	20.5	17.2	25.8



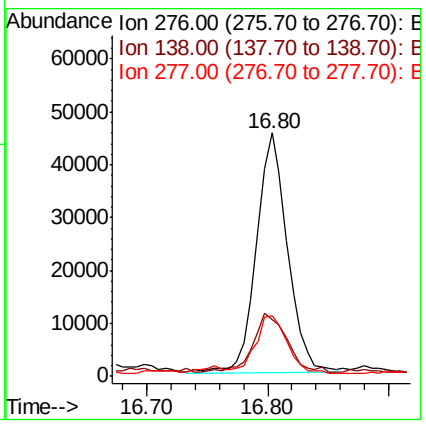


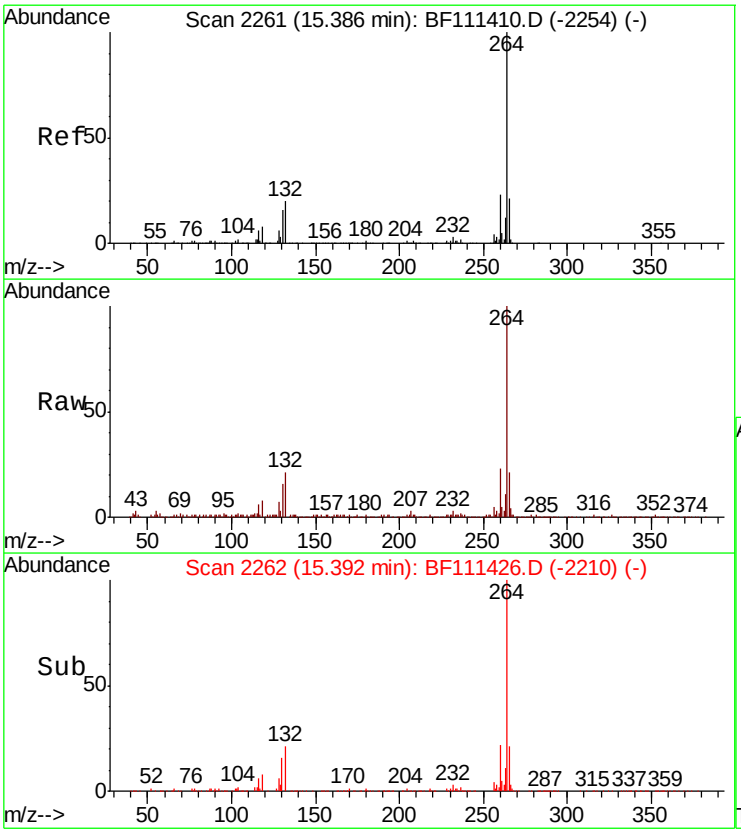
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.393 ng
RT: 16.80 min Scan# 2502
Delta R.T. 0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 80961

Ion	Ratio	Lower	Upper
276	100		
138	26.3	27.8	41.6#
277	24.7	20.1	30.1

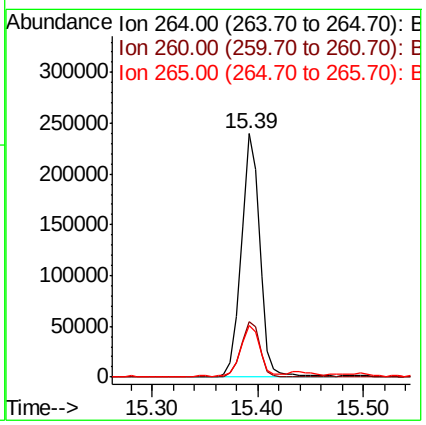


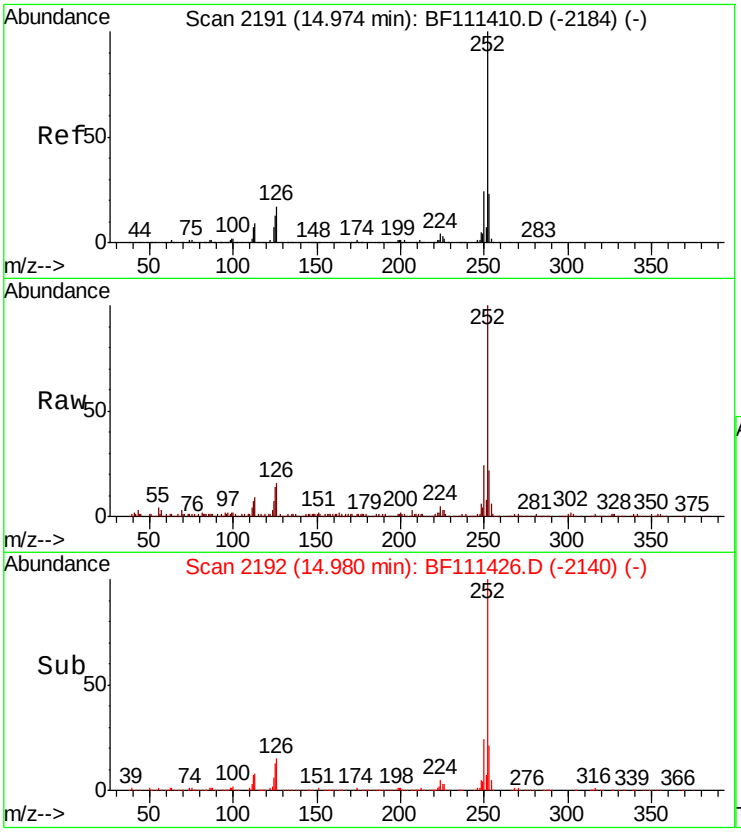


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:264 Resp: 291080

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	21.0	17.7	26.5



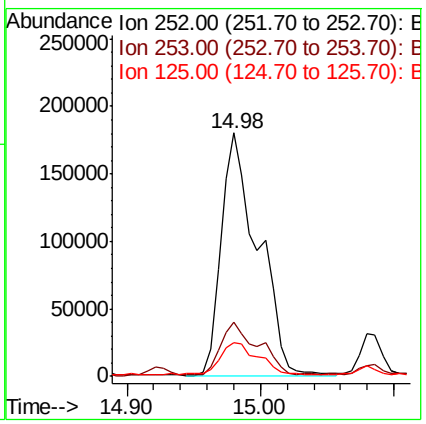


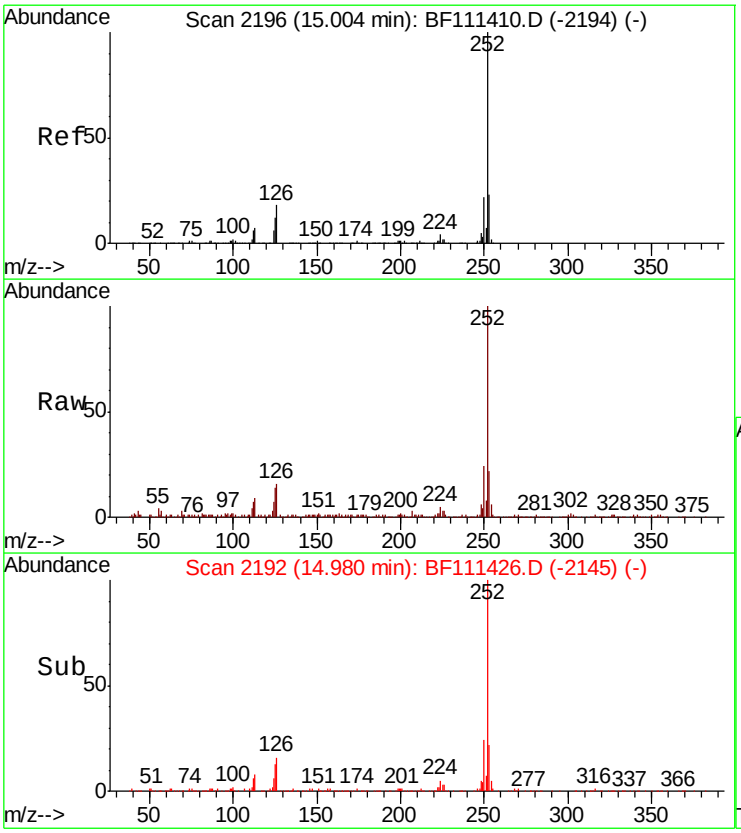
#88
Benzo(b)fluoranthene
Concen: 20.284 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 344235

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	13.7	10.4	15.6

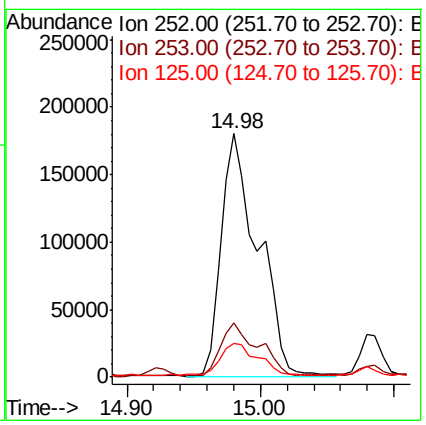


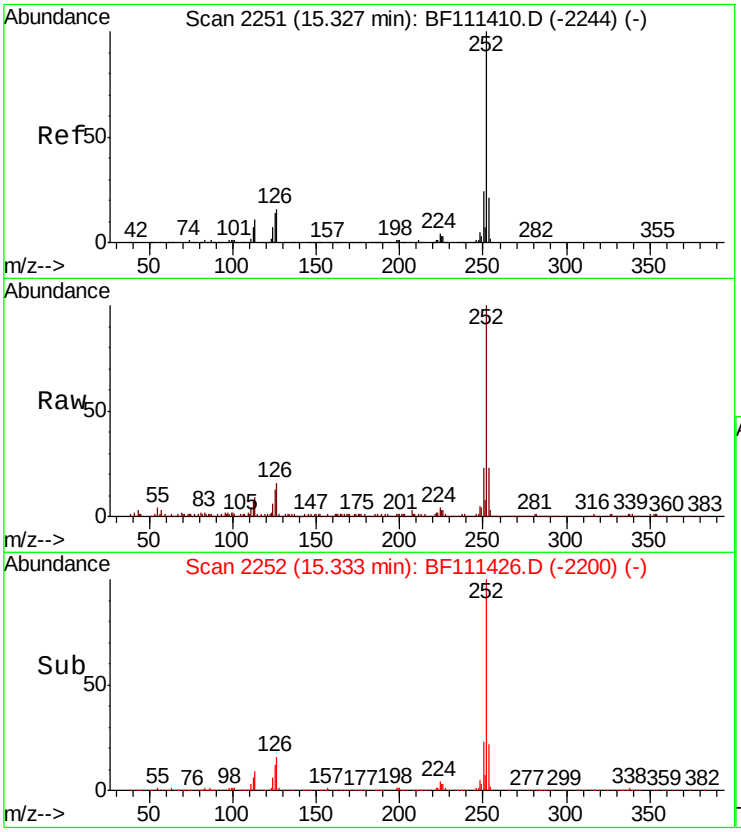


#89
Benzo(k)fluoranthene
Concen: 21.229 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Tgt Ion:252 Resp: 344235

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	13.7	9.8	14.8





#90
Benzo(a)pyrene
Concen: 13.241 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111426.D
Acq: 14 Dec 2018 18:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 202627

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	12.9	12.3	18.5