Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119181.D
Acq On : 2 Mar 2020 21:20
Operator : CG/JU
Sample : L1736-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 03 07:22:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	122394	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	486834	20.00	ng		-0.01
39) Acenaphthene-d10	9.77	164	256940	20.00	ng		-0.02
64) Phenanthrene-d10	11.26	188	408596	20.00	ng		0.00
76) Chrysene-d12	13.90	240	303801	20.00	ng		0.00
87) Perylene-d12	15.33	264	271889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	43860	5.99	ng		0.00
7) Phenol-d6	6.39	99	112425	12.62	ng		-0.02
23) Nitrobenzene-d5	7.30	82	76480	8.29	ng		-0.02
42) 2,4,6-Tribromophenol	10.57	330	2601	0.77	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	180685	10.36	ng		-0.02
79) Terphenyl-d14	12.83	244	175063	9.92	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.30	82	76480	4.776	ng	#	63
51) 2,6-Dinitrotoluene	9.77	165	34242	7.844	ng	#	33
56) 4-Nitrophenol	9.98	139	8977	3.087	ng	#	15
57) 2,4-Dinitrotoluene	9.77	165	34242	6.052	ng	#	21
71) Phenanthrene	11.28	178	256835	11.526	ng		97
72) Anthracene	11.33	178	52245	2.347	ng		98
75) Fluoranthene	12.47	202	248691	10.514	ng		98
78) Pyrene	12.70	202	210822	8.642	ng		97
81) Benzo(a)anthracene	13.89	228	108219	5.228	ng		98
83) Chrysene	13.92	228	94770	4.595	ng		96
88) Benzo(b)fluoranthene	14.92	252	139282	7.772	ng	#	84
89) Benzo(k)fluoranthene	14.92	252	139282	8.386	ng	#	83
90) Benzo(a)pyrene	15.27	252	64130	3.965	ng	#	86
92) Benzo(g,h,i)perylene	17.17	276	28579	2.032	ng	#	90

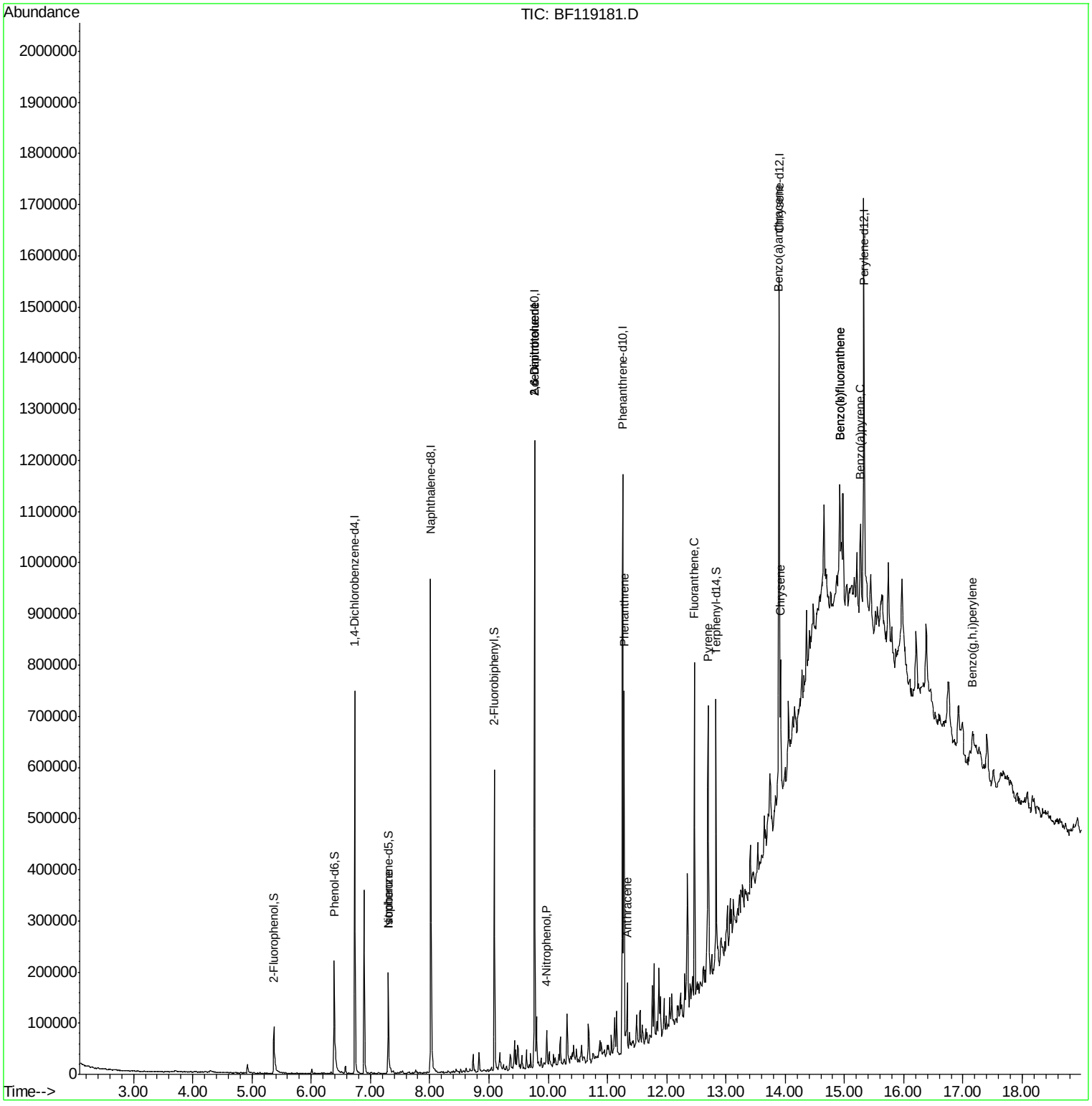
(#) = qualifier out of range (m) = manual integration (+) = signals summed

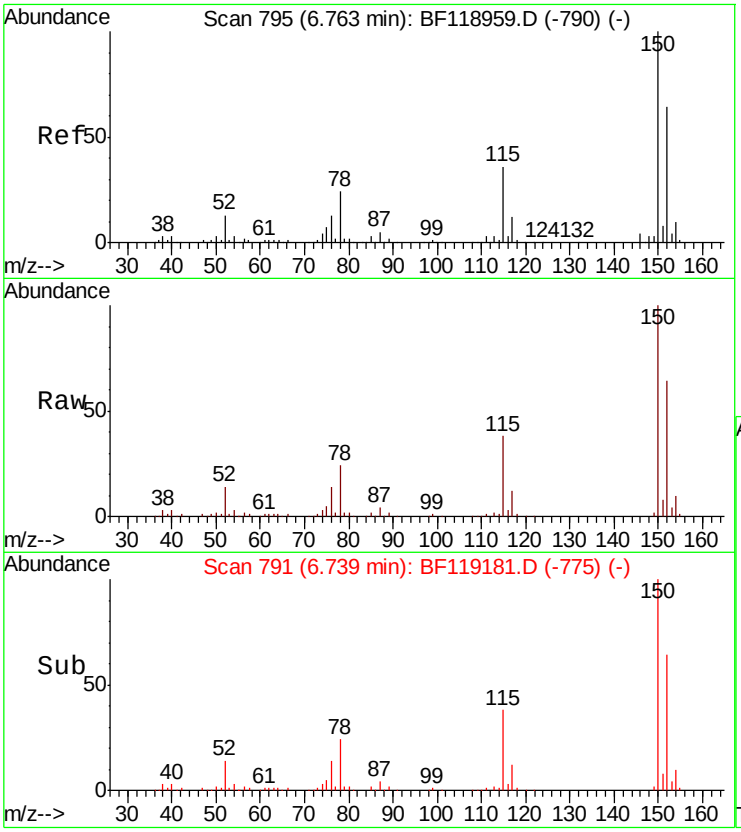
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119181.D
Acq On : 2 Mar 2020 21:20
Operator : CG/JU
Sample : L1736-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 03 07:22:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration



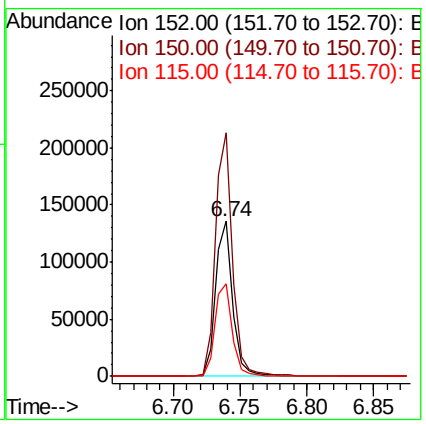


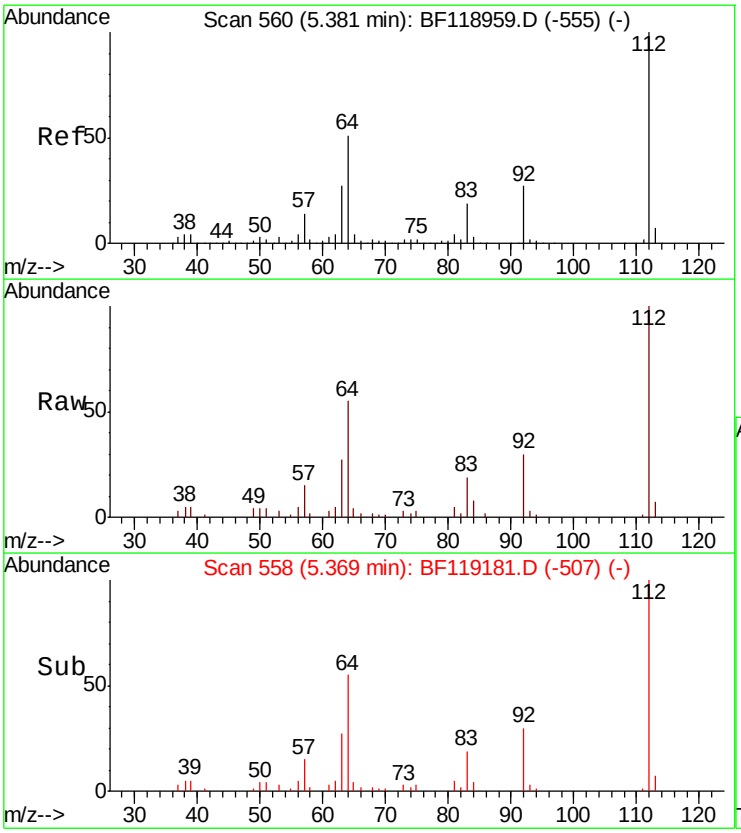
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 122394

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.6
115	59.6	49.5	74.3

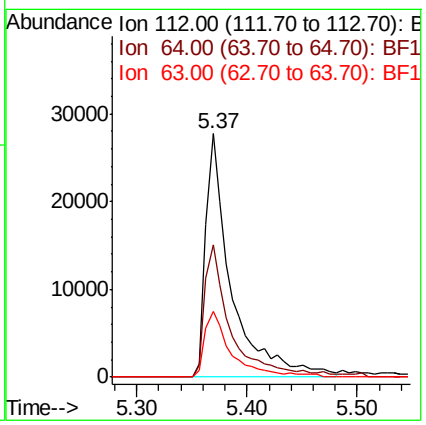


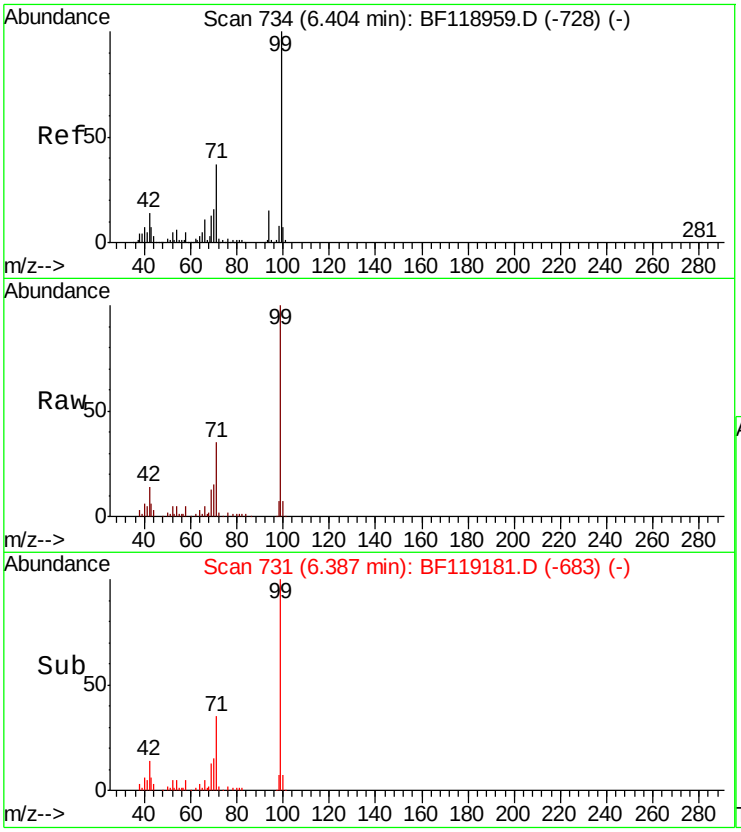


#5
2-Fluorophenol
Concen: 5.989 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:112 Resp: 43860

Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.0	67.4
63	26.9	24.2	36.4



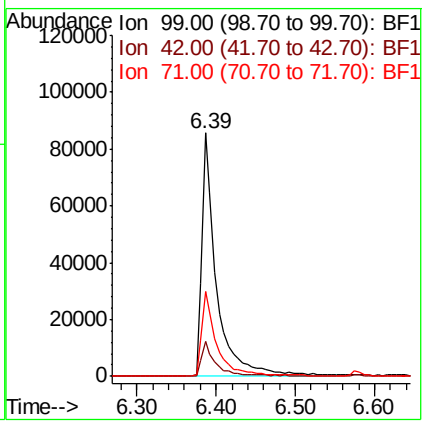


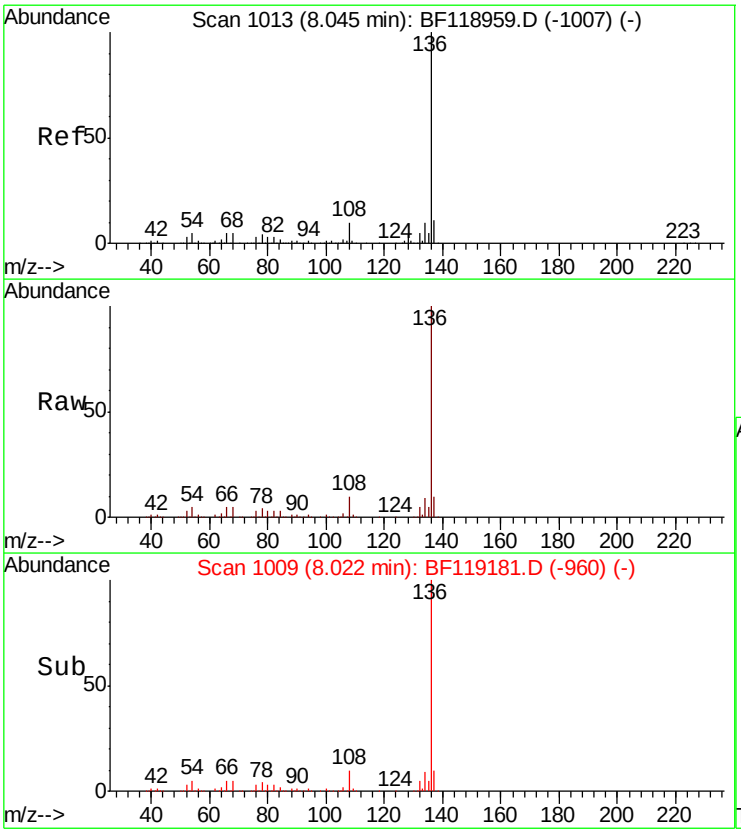
#7
Phenol-d6
Concen: 12.622 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 112425

Ion	Ratio	Lower	Upper
99	100		
42	14.2	12.6	18.8
71	34.9	31.0	46.4

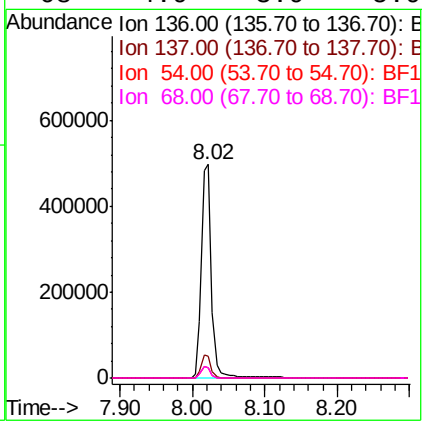


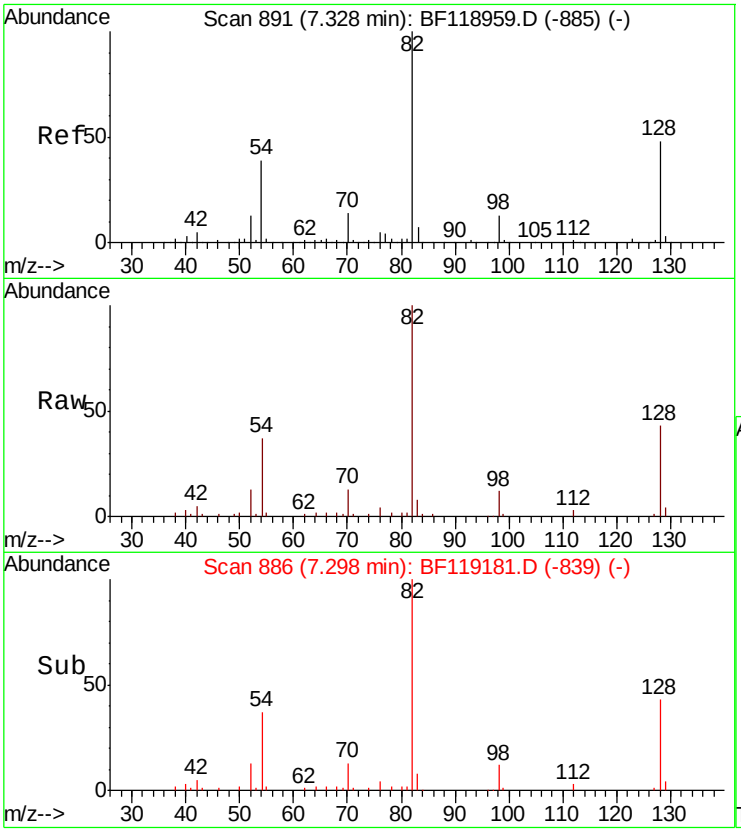


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:136 Resp: 486834

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	4.6	3.8	5.6
68	4.9	3.9	5.9



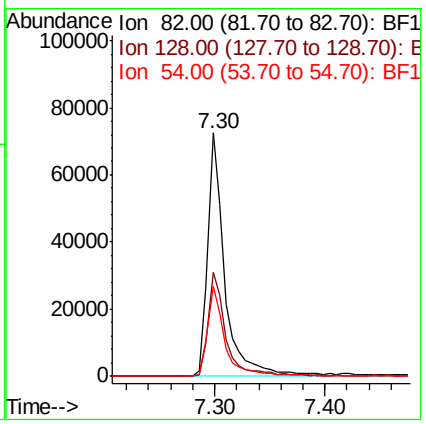


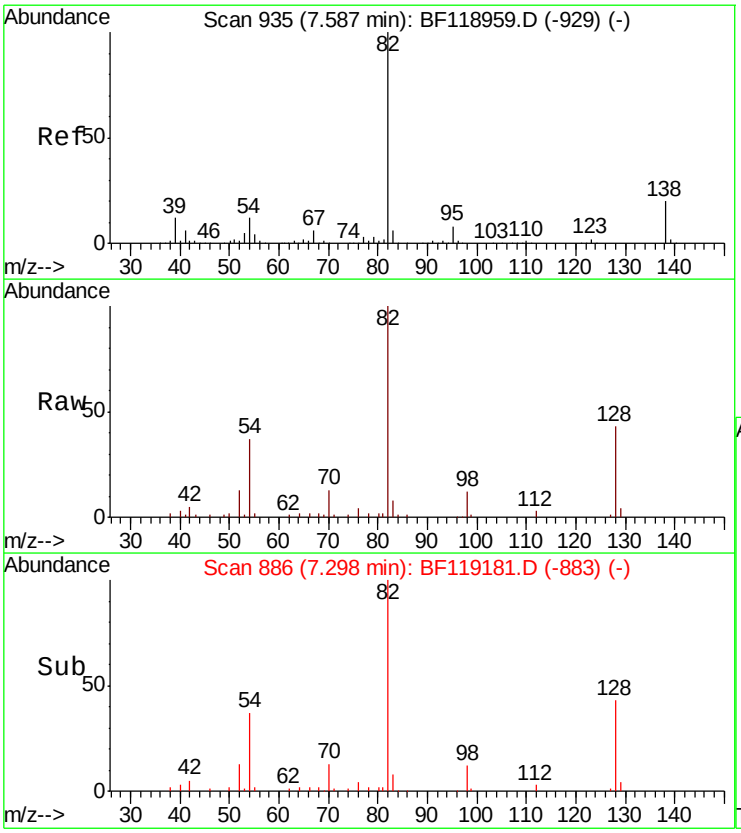
#23
Nitrobenzene-d5
Concen: 8.295 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 76480

Ion	Ratio	Lower	Upper
82	100		
128	42.9	37.9	56.9
54	37.2	33.4	50.2

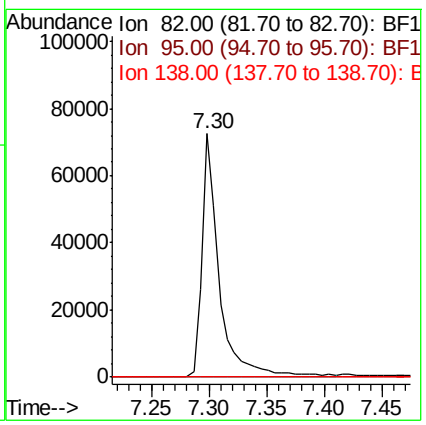


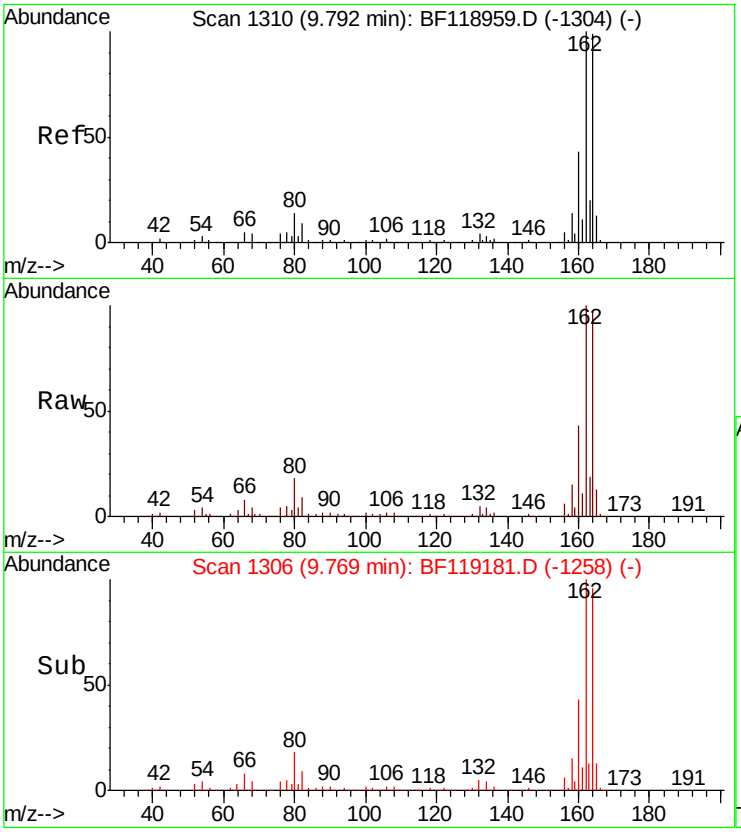


#25
Isophorone
Concen: 4.776 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion: 82 Resp: 76480

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	15.7	23.5#



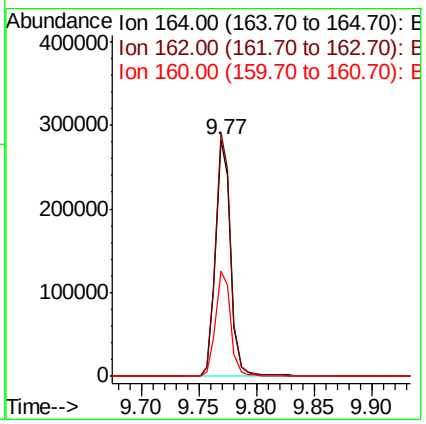


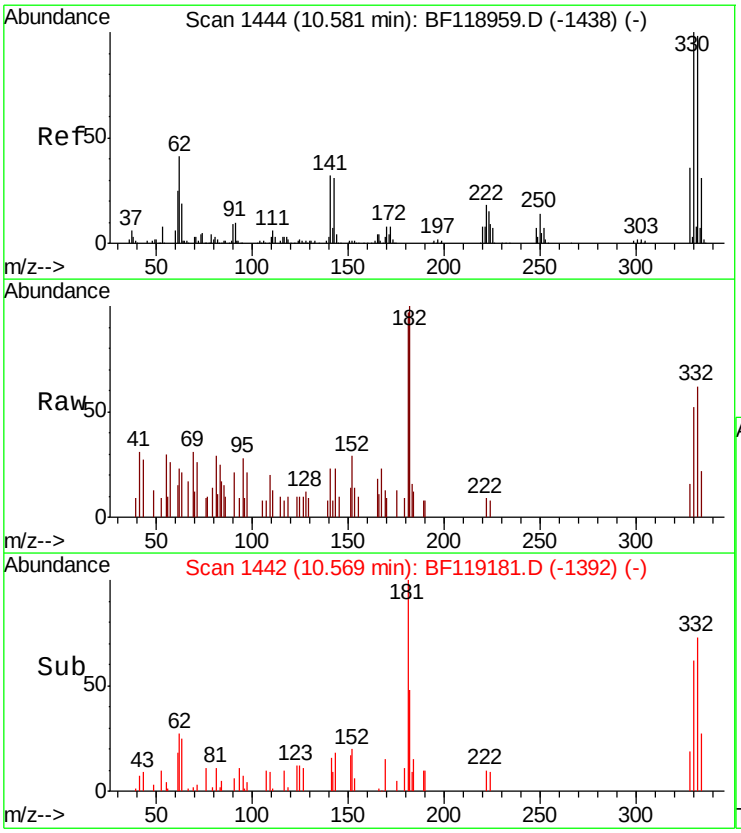
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 256940

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.8
160	44.6	36.0	54.0

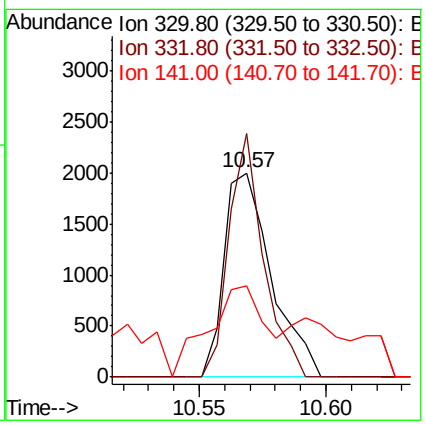


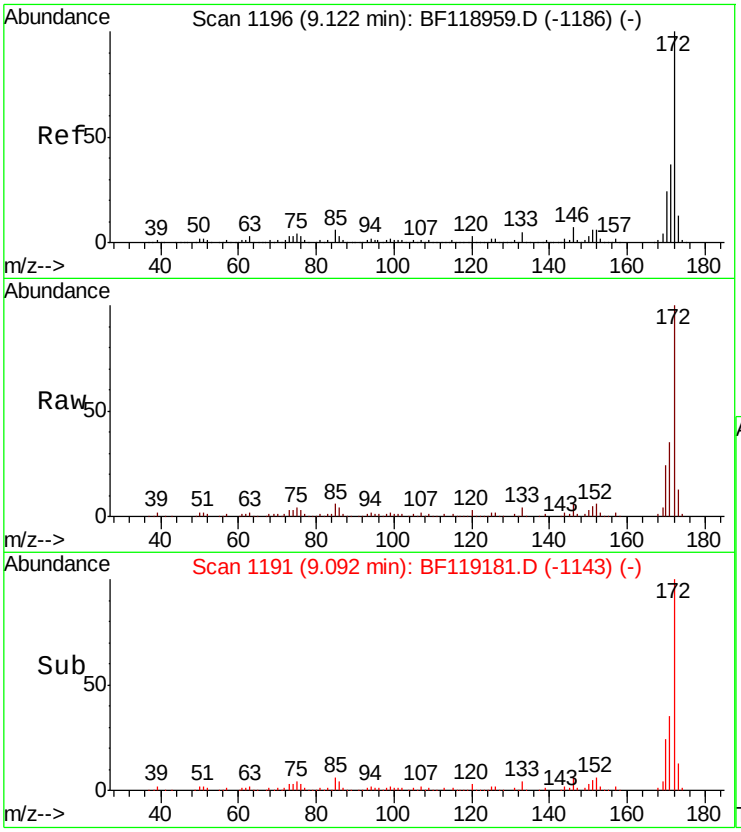


#42
2,4,6-Tribromophenol
Concen: 0.774 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:330 Resp: 2601

Ion	Ratio	Lower	Upper
330	100		
332	87.0	76.0	114.0
141	53.8	22.9	34.3#

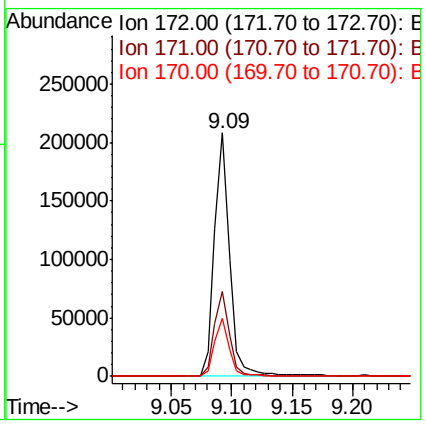




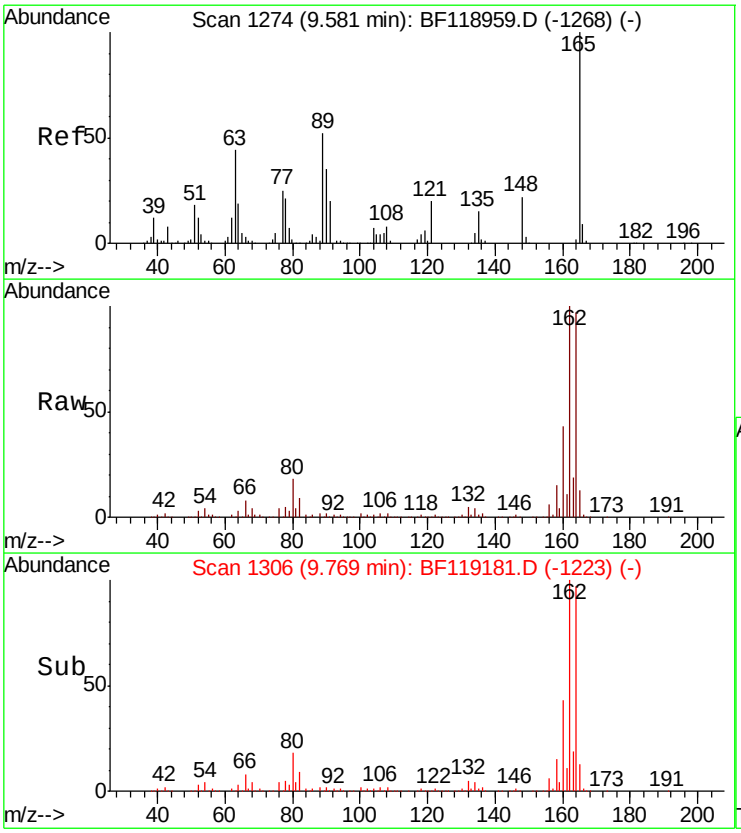
#45
2-Fluorobiphenyl
Concen: 10.360 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:172 Resp: 180685

Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.6	45.8
170	24.1	20.2	30.2



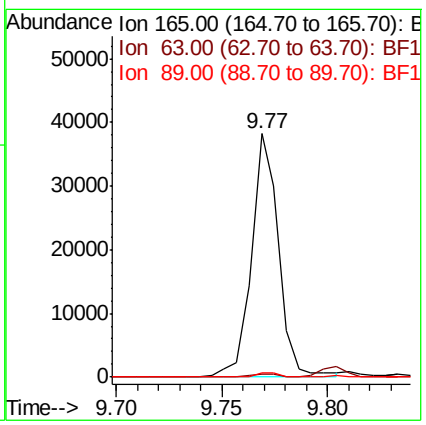
Instrument :
BNA_F
ClientSampleId :

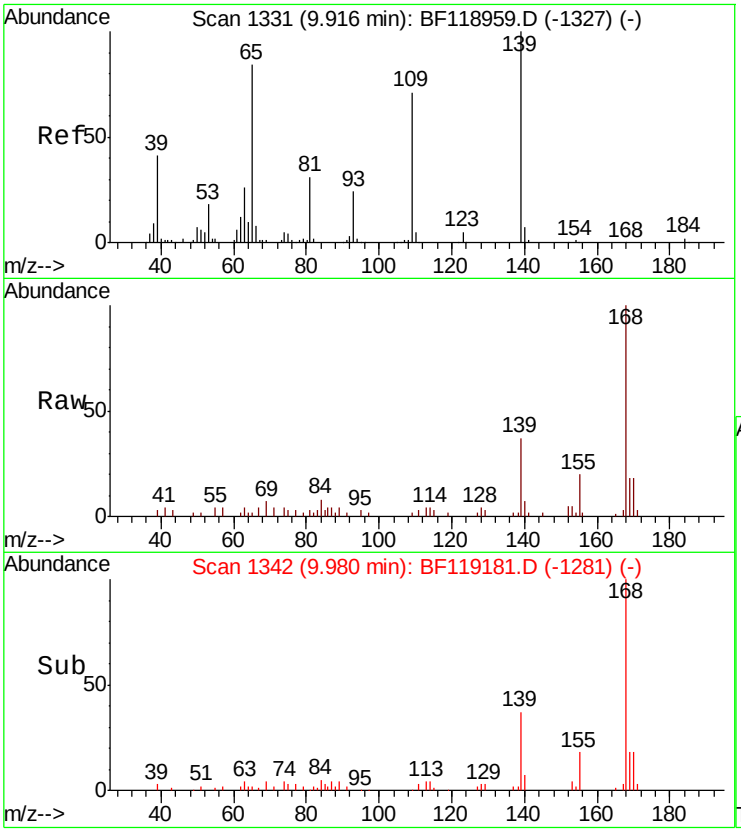


#51
2,6-Dinitrotoluene
Concen: 7.844 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.19 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:165 Resp: 34242

Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.7	38.3	57.5#



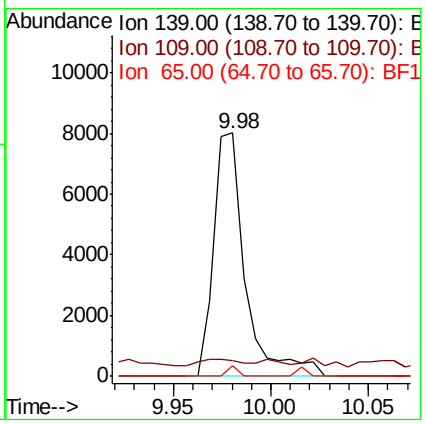


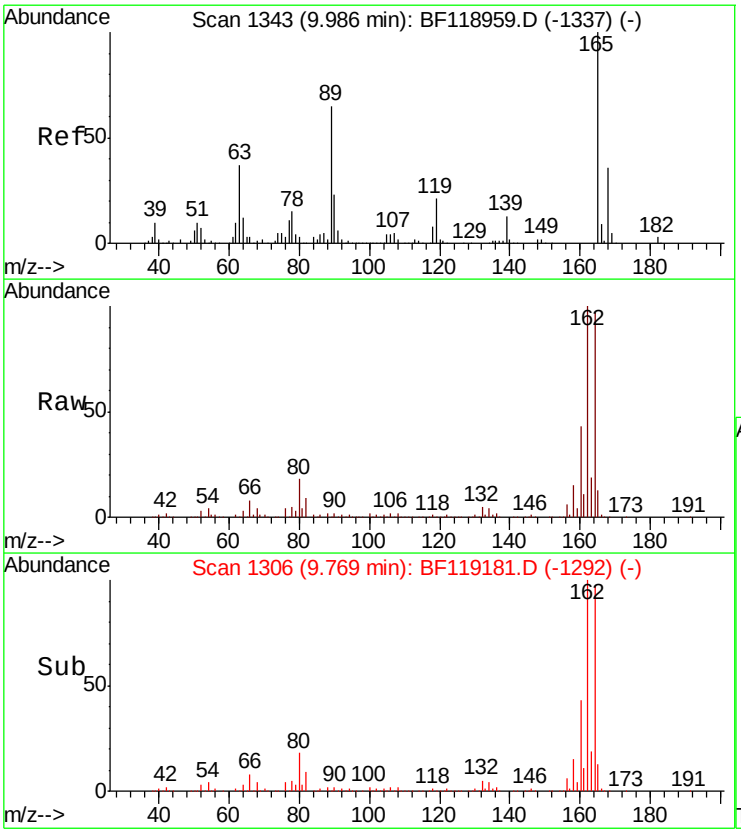
#56
4-Nitrophenol
Concen: 3.087 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.06 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 8977

Ion	Ratio	Lower	Upper
139	100		
109	6.5	56.7	96.7#
65	4.5	65.0	105.0#

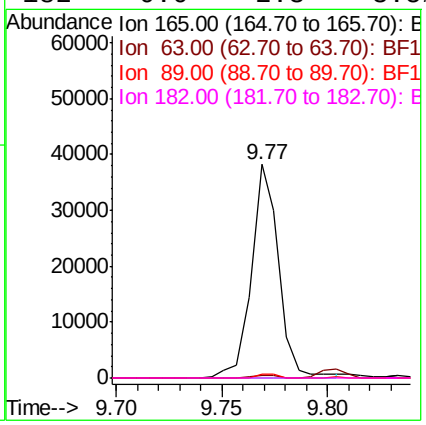


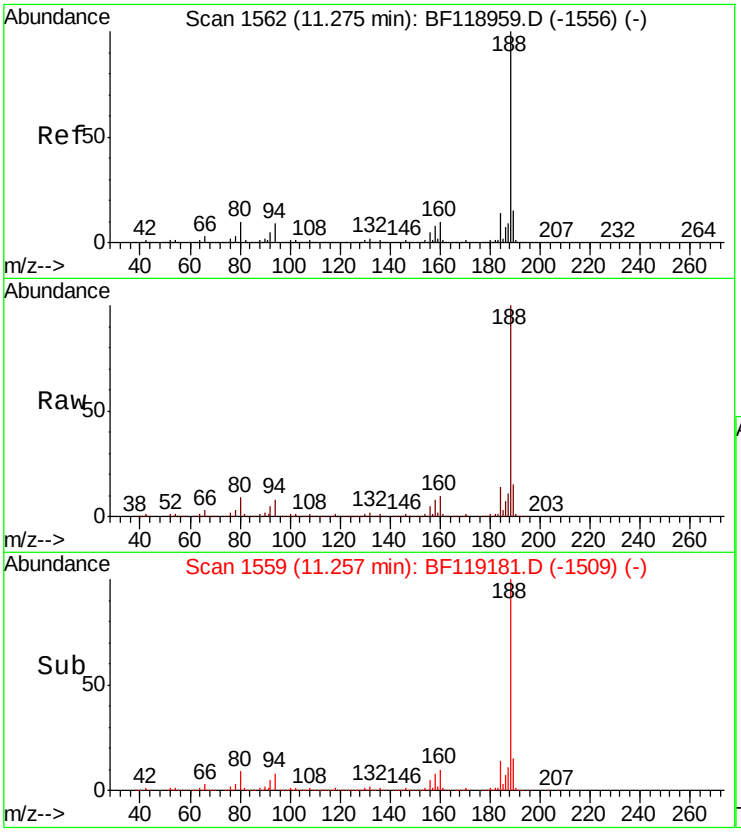


#57
2,4-Dinitrotoluene
Concen: 6.052 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.22 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:165 Resp: 34242

Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.3	63.5#
89	1.7	60.2	90.4#
182	0.0	2.3	3.5#



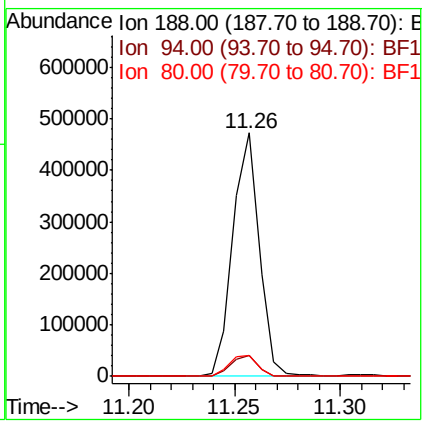


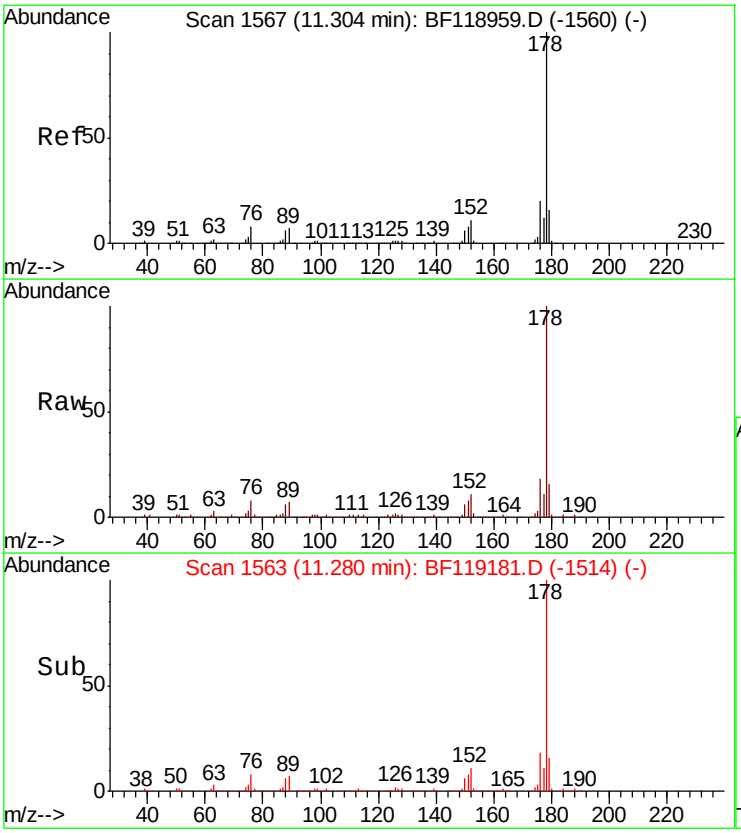
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 408596

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	8.8	7.8	11.8

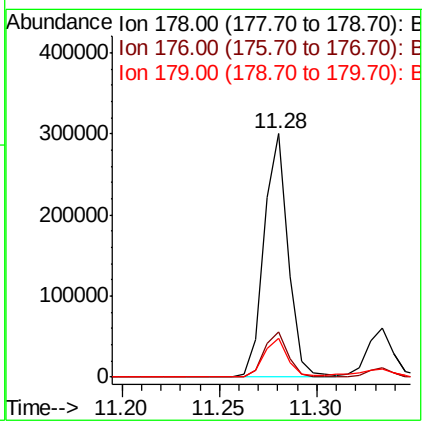


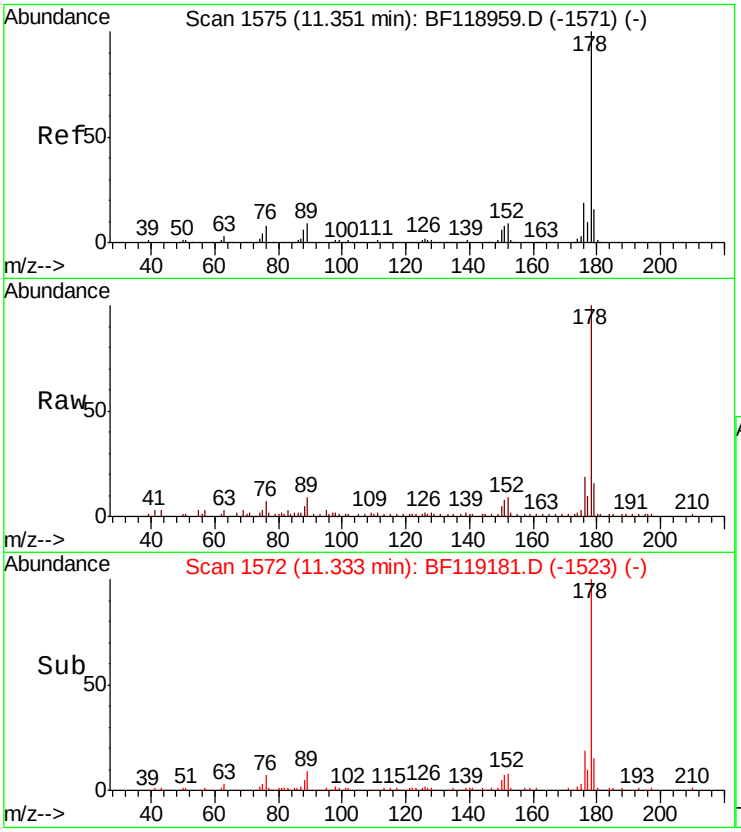


#71
Phenanthrene
Concen: 11.526 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:178 Resp: 256835

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.5	24.7
179	16.0	13.0	19.6



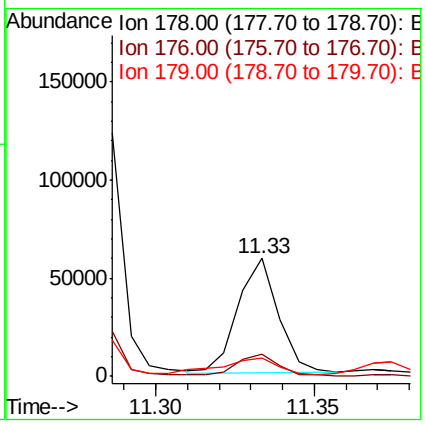


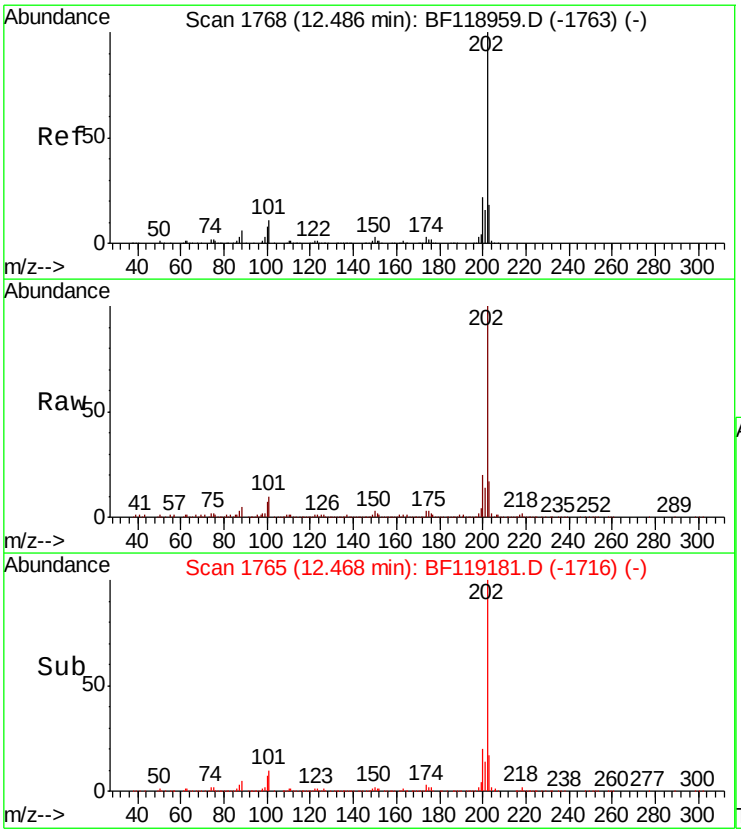
#72
Anthracene
Concen: 2.347 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 52245

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	16.0	13.1	19.7

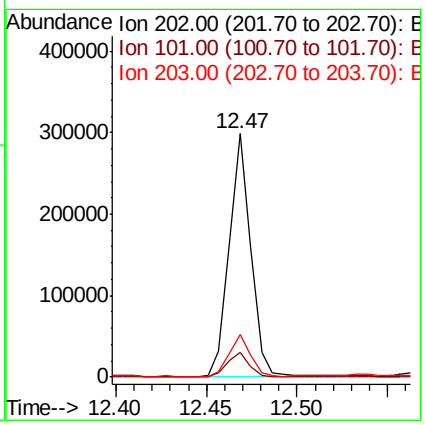


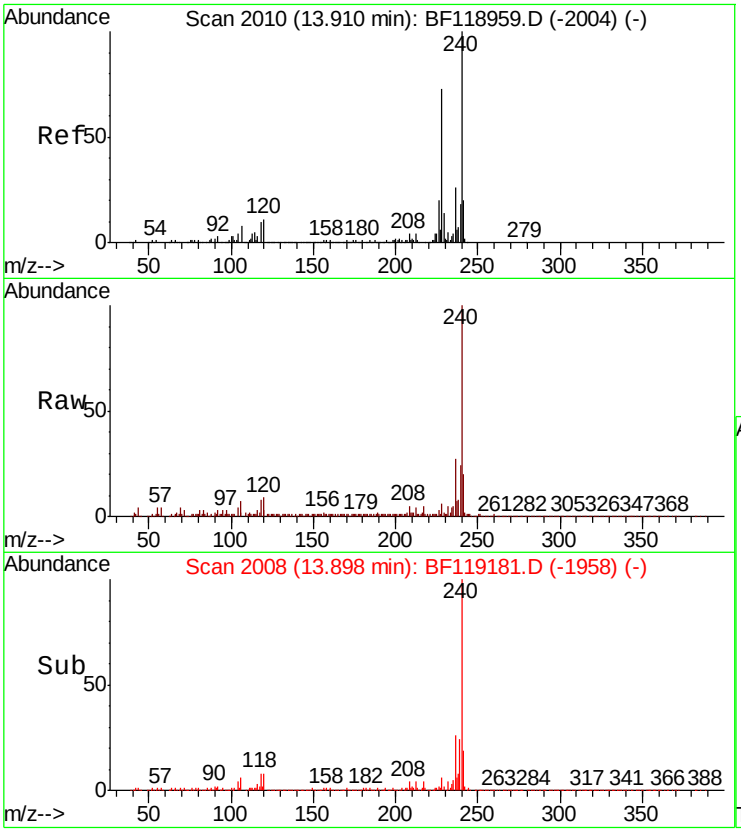


#75
Fluoranthene
Concen: 10.514 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:202 Resp: 248691

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.3
203	17.4	0.0	38.4



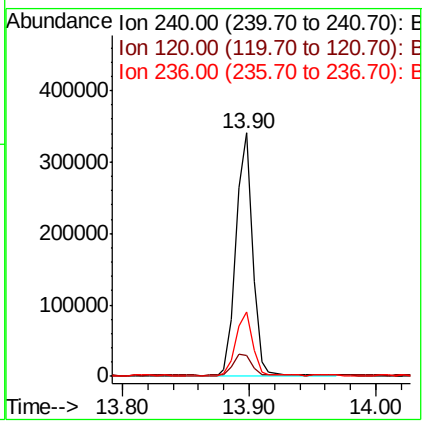


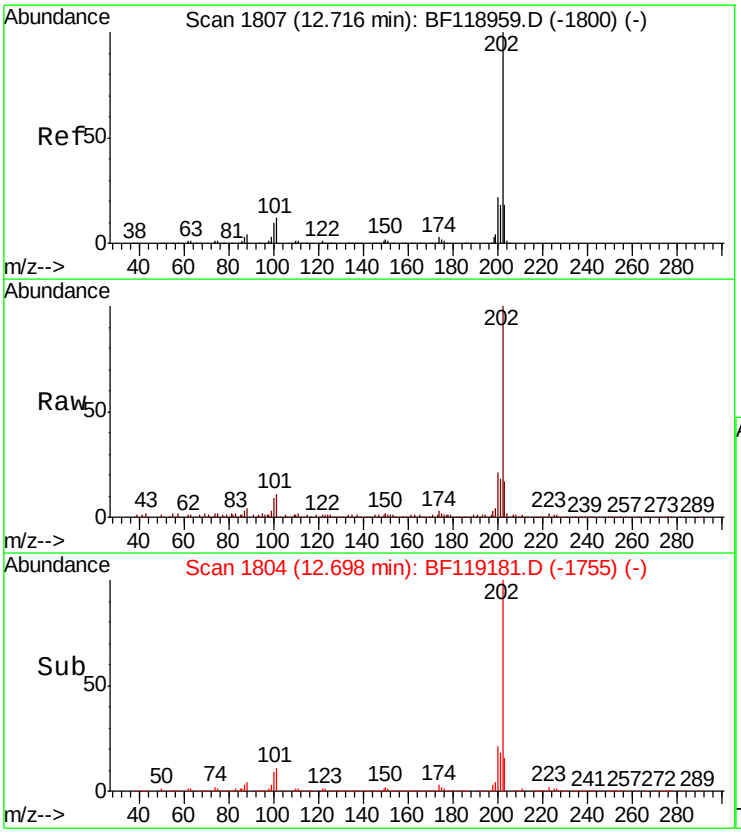
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 303801

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.4	12.6
236	26.6	21.0	31.4

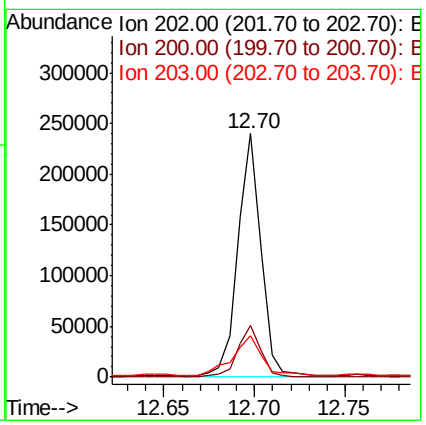


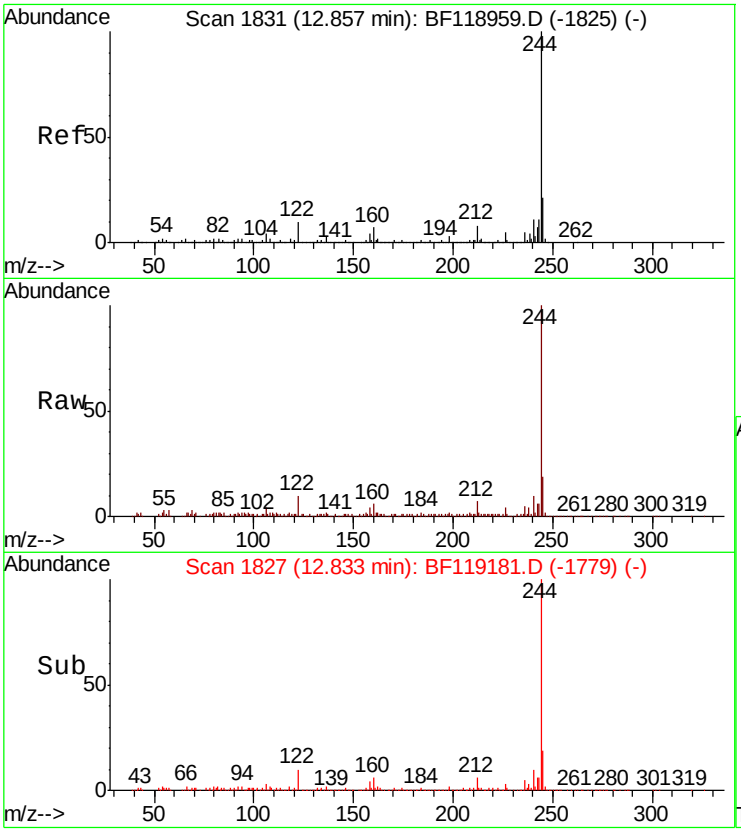


#78
Pyrene
Concen: 8.642 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:202 Resp: 210822

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.0	27.0
203	17.0	14.6	22.0



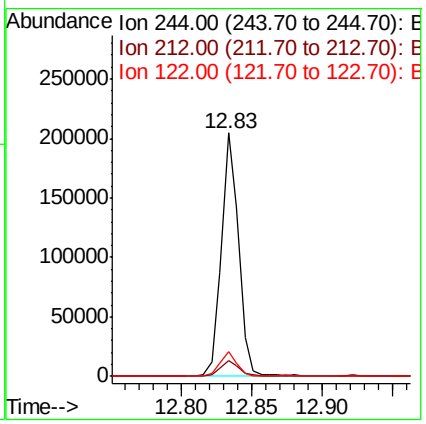


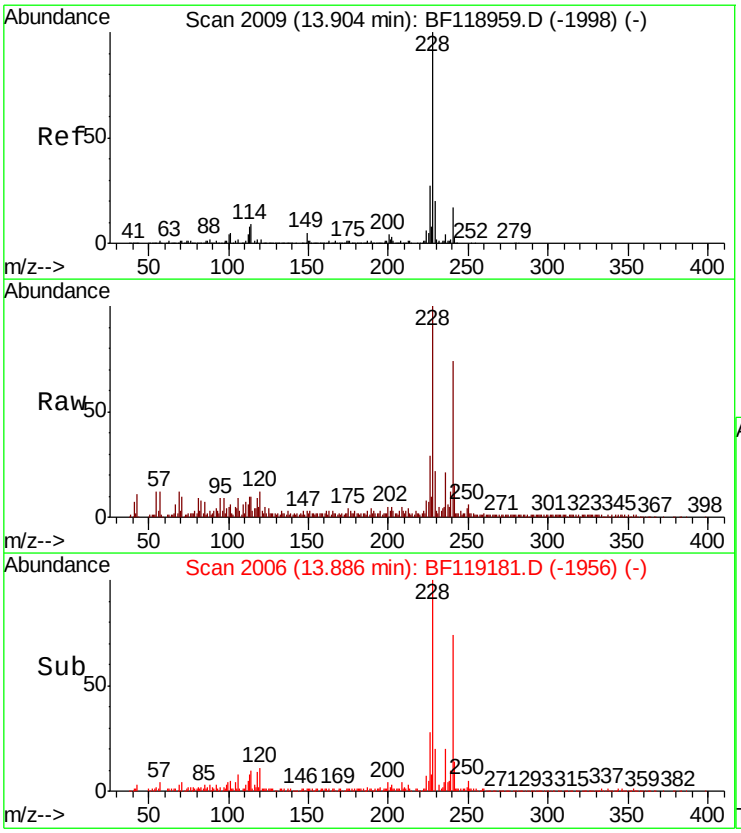
#79
Terphenyl-d14
Concen: 9.921 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 175063

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.6	10.0
122	10.2	8.2	12.2

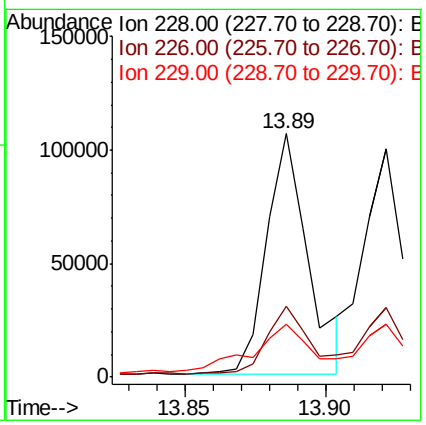


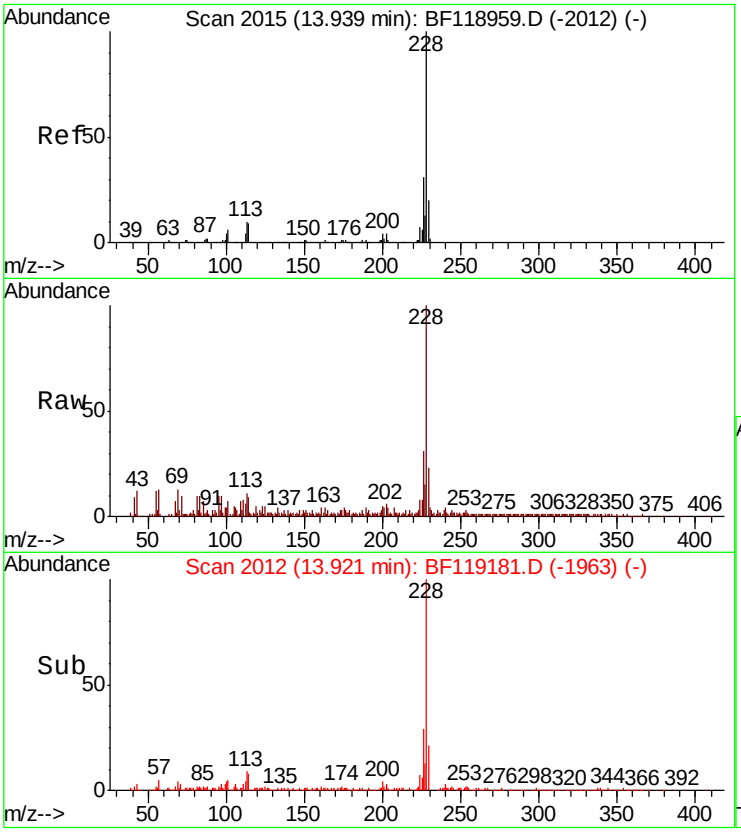


#81
Benzo(a)anthracene
Concen: 5.228 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:228 Resp: 108219

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.9	16.6	24.8



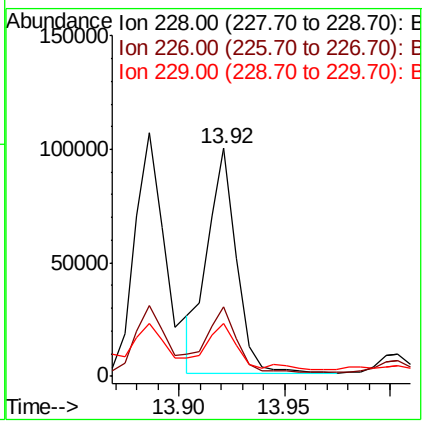


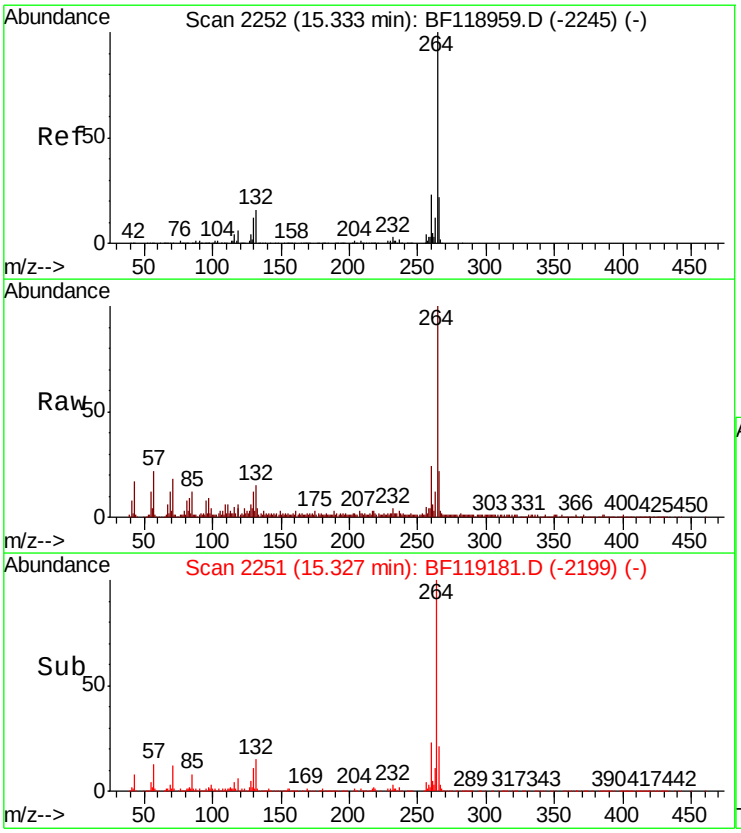
#83
Chrysene
Concen: 4.595 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 94770

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.1	37.7
229	23.5	16.3	24.5

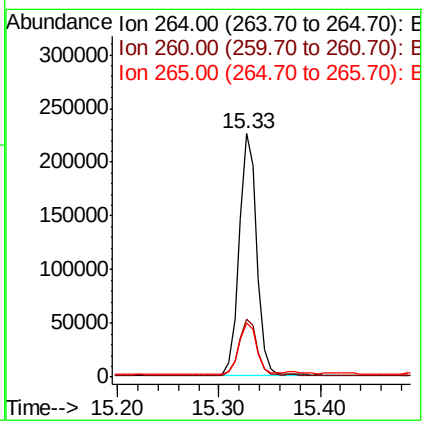


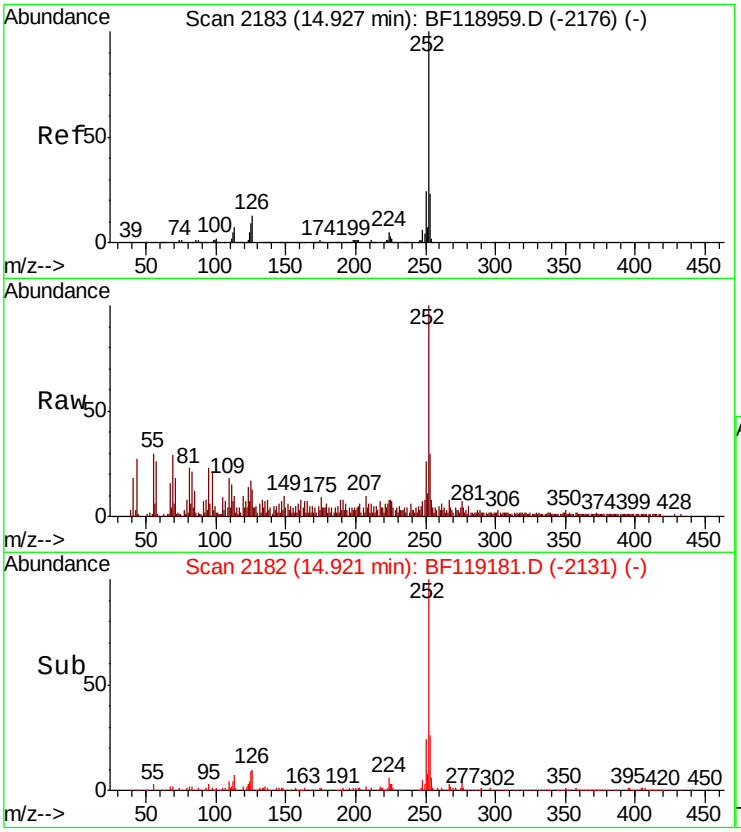


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:264 Resp: 271889

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.4	17.7	26.5



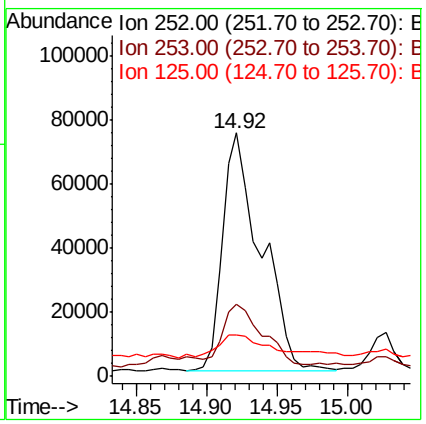


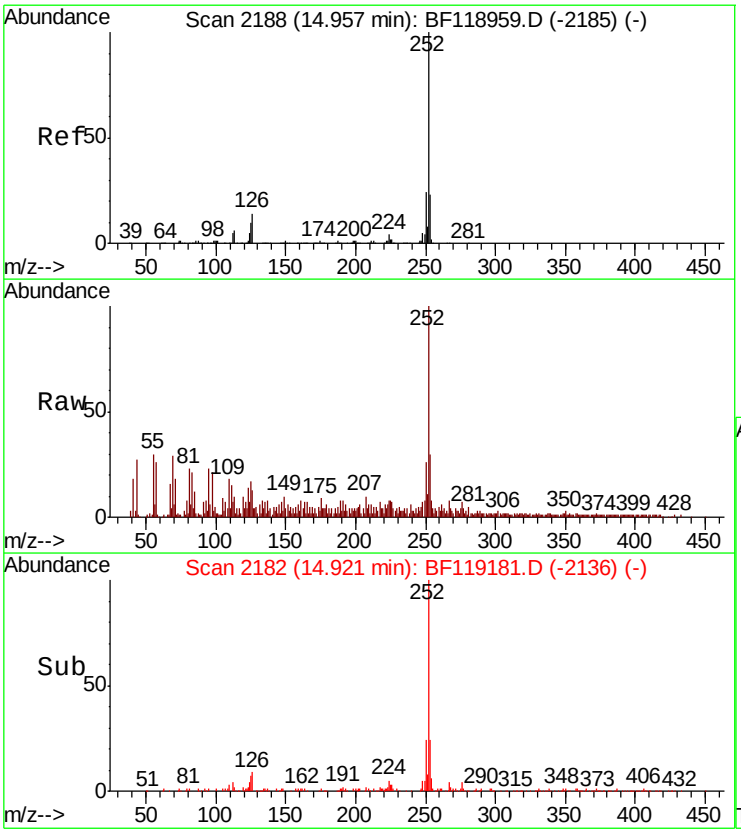
#88
Benzo(b)fluoranthene
Concen: 7.772 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 139282

Ion	Ratio	Lower	Upper
252	100		
253	29.7	18.1	27.1#
125	16.8	7.4	11.0#

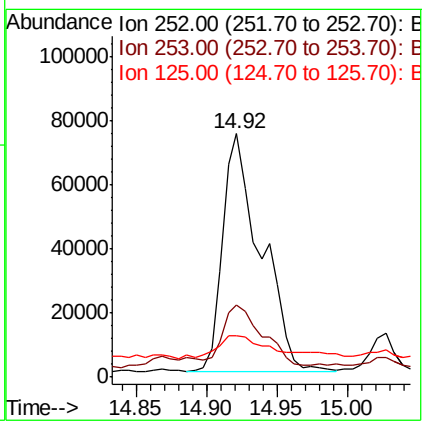


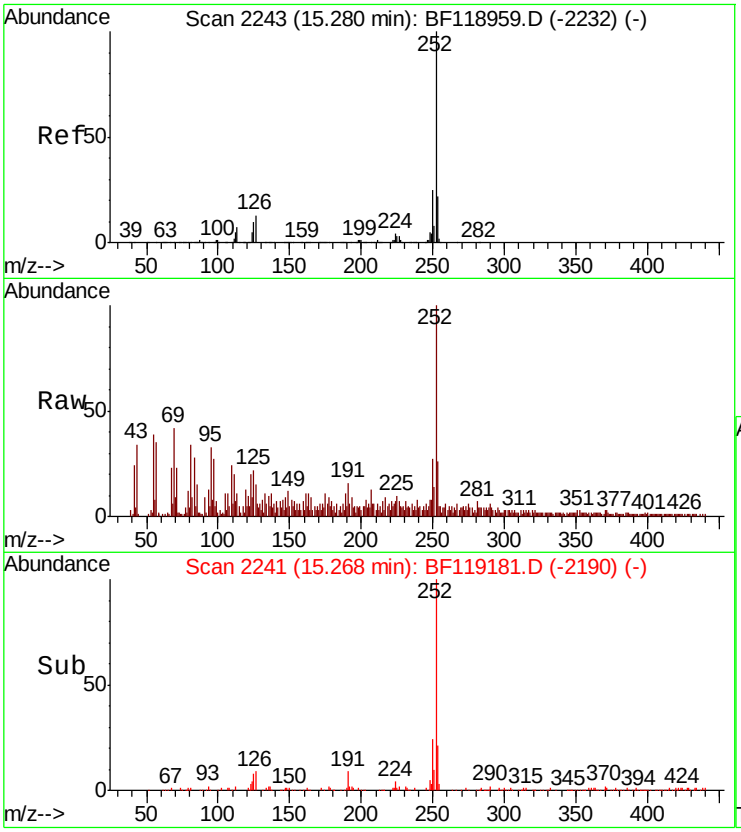


#89
Benzo(k)fluoranthene
Concen: 8.386 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.03 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:252 Resp: 139282

Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.8	26.8#
125	16.8	7.5	11.3#



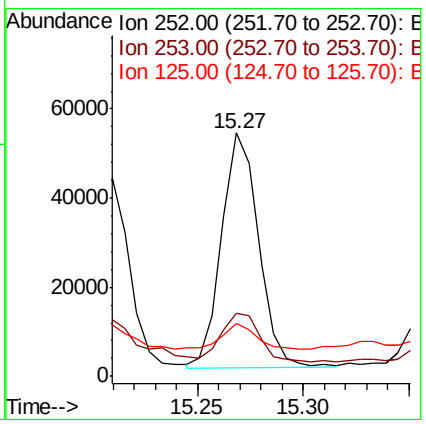


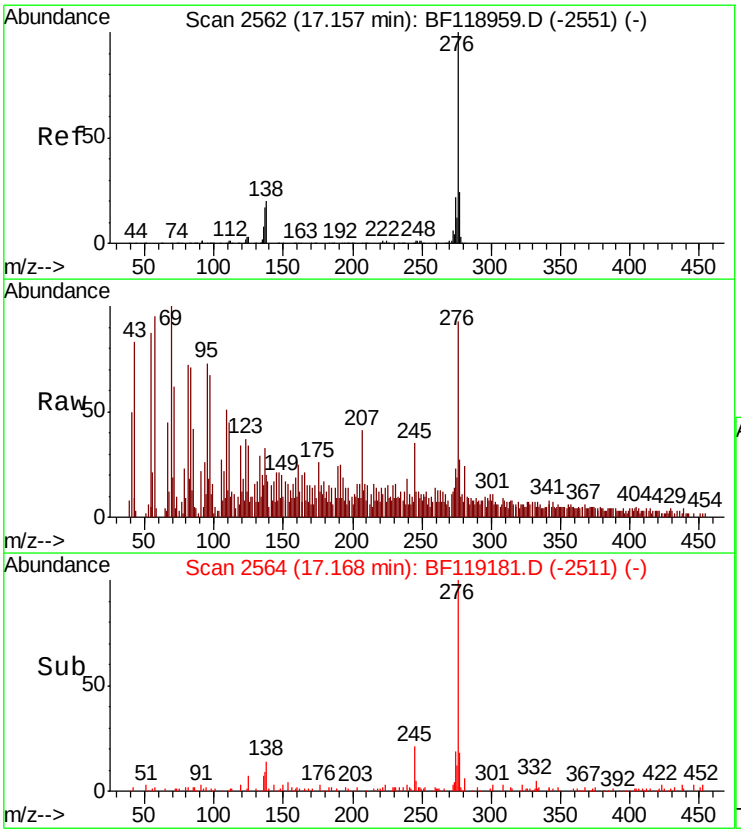
#90
Benzo(a)pyrene
Concen: 3.965 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 64130

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	21.7	8.6	12.8#





#92
Benzo(g,h,i)perylene
Concen: 2.032 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.01 min
Lab File: BF119181.D
Acq: 2 Mar 2020 21:20

Tgt Ion:276 Resp: 28579

Ion	Ratio	Lower	Upper
276	100		
277	28.7	18.7	28.1#
138	21.9	14.3	21.5#