Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119009.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1625-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 24 02:23:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	159748	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	571283	20.00	ng		-0.01
39) Acenaphthene-d10	9.79	164	269894	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	448607	20.00	ng		0.00
76) Chrysene-d12	13.90	240	351959	20.00	ng		0.00
87) Perylene-d12	15.33	264	323668	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	900289	94.18	ng		0.00
7) Phenol-d6	6.40	99	1057750	90.99	ng		0.00
23) Nitrobenzene-d5	7.32	82	679903	62.84	ng		-0.01
42) 2,4,6-Tribromophenol	10.57	330	291287	82.50	ng		0.00
45) 2-Fluorobiphenyl	9.11	172	1164128	63.54	ng		-0.01
79) Terphenyl-d14	12.85	244	1175643	57.51	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	91748	13.544	ng	#	77
25) Isophorone	7.32	82	679950	36.185	ng	#	63
50) Dimethylphthalate	9.50	163	105341	5.104	ng		99
57) 2,4-Dinitrotoluene	9.79	165	34624	5.826	ng	#	29
67) 4-Bromophenyl-phenylether	10.57	248	18767	3.200	ng	#	1
71) Phenanthrene	11.29	178	79845	3.264	ng		97
75) Fluoranthene	12.48	202	182601	7.032	ng		97
78) Pyrene	12.71	202	163831	5.797	ng		98
81) Benzo(a)anthracene	13.90	228	94309	3.933	ng		97
83) Chrysene	13.93	228	86714	3.629	ng		97
88) Benzo(b)fluoranthene	14.93	252	144927	6.793	ng	#	96
89) Benzo(k)fluoranthene	14.93	252	144927	7.330	ng	#	96
90) Benzo(a)pyrene	15.27	252	73502	3.817	ng	#	96
92) Benzo(g,h,i)perylene	17.16	276	38597	2.306	ng		95

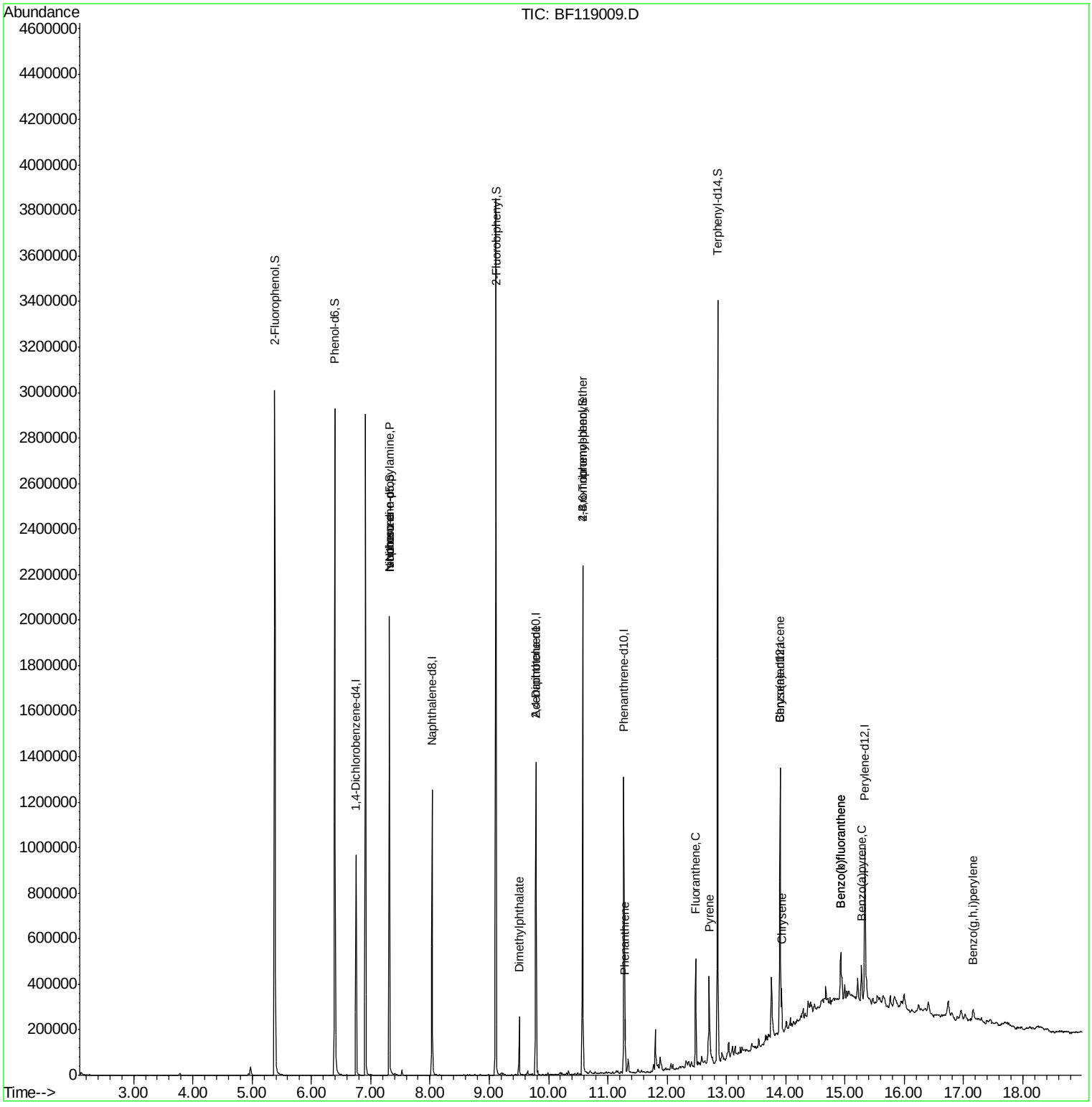
(#) = qualifier out of range (m) = manual integration (+) = signals summed

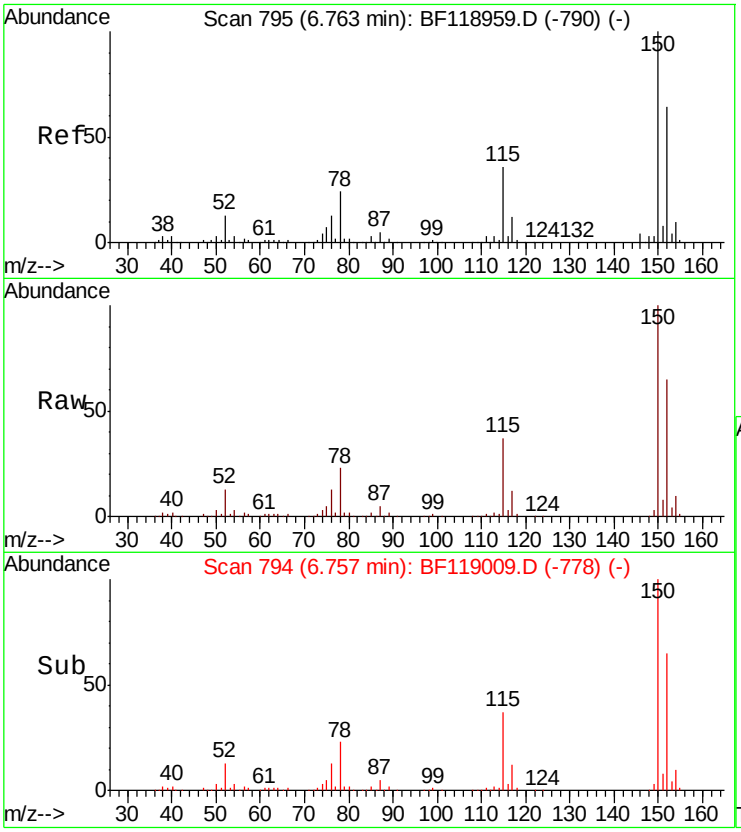
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119009.D
Acq On : 21 Feb 2020 23:10
Operator : CG/JU
Sample : L1625-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 24 02:23:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration



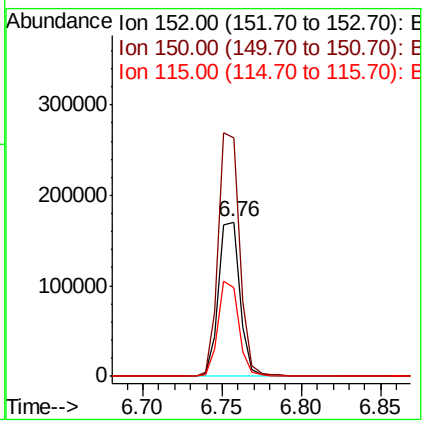


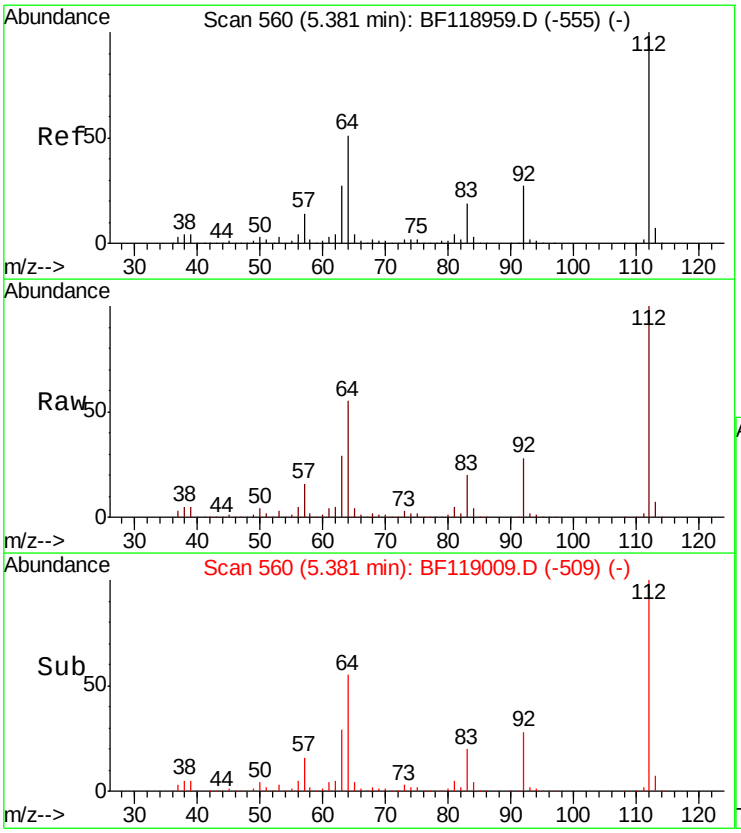
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 159748

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.3	186.5
115	57.2	44.6	67.0

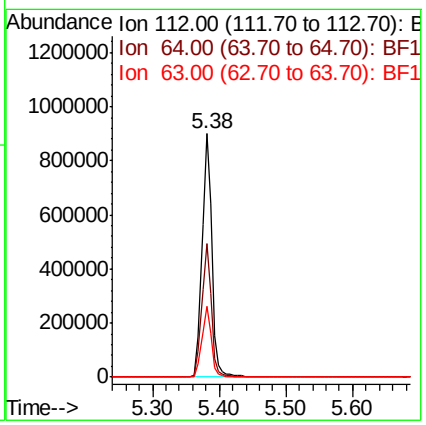


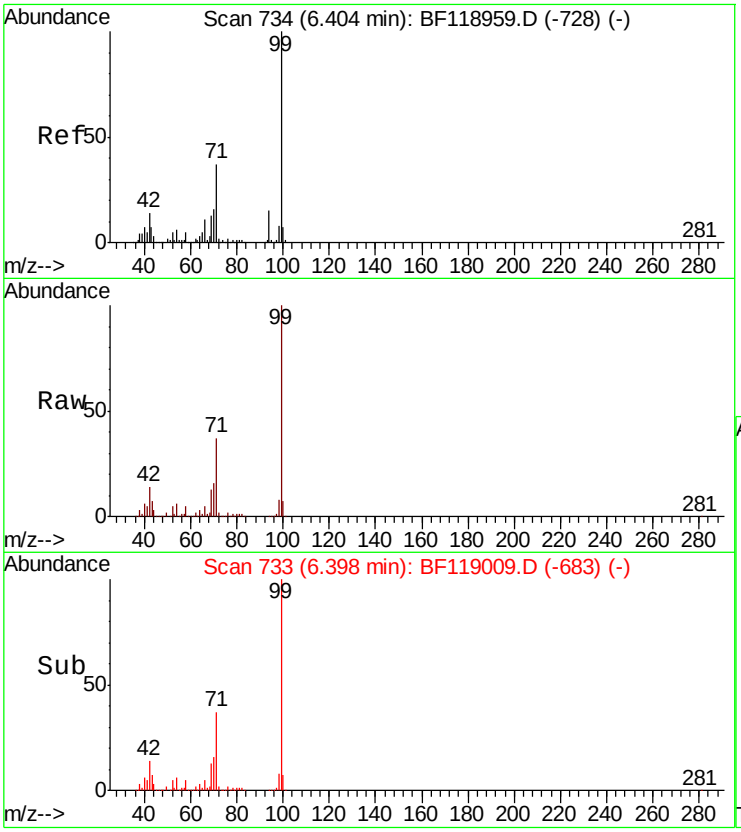


#5
2-Fluorophenol
Concen: 94.182 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion:112 Resp: 900289

Ion	Ratio	Lower	Upper
112	100		
64	54.8	40.4	60.6
63	29.3	21.3	31.9



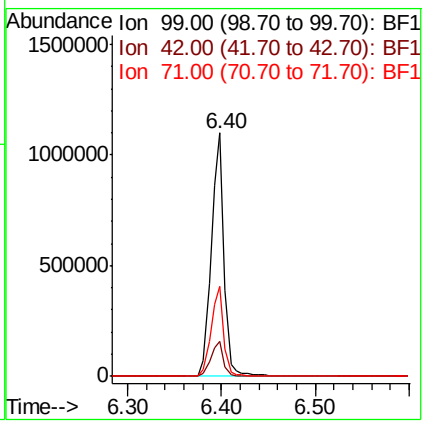


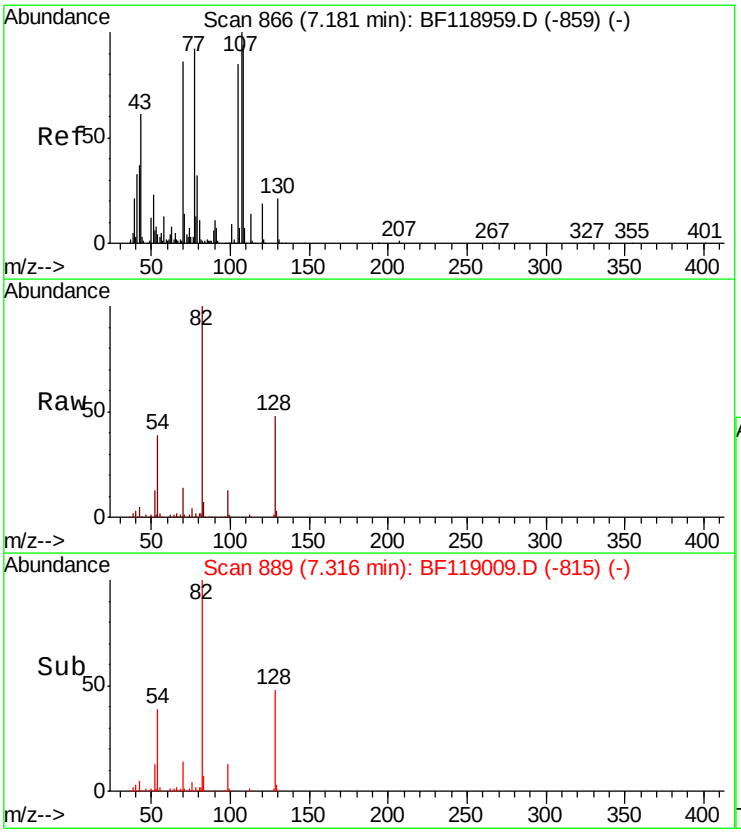
#7
Phenol-d6
Concen: 90.985 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1057750

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.4	17.0
71	37.2	29.8	44.6

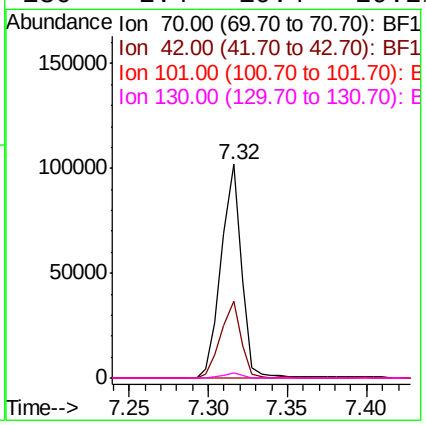


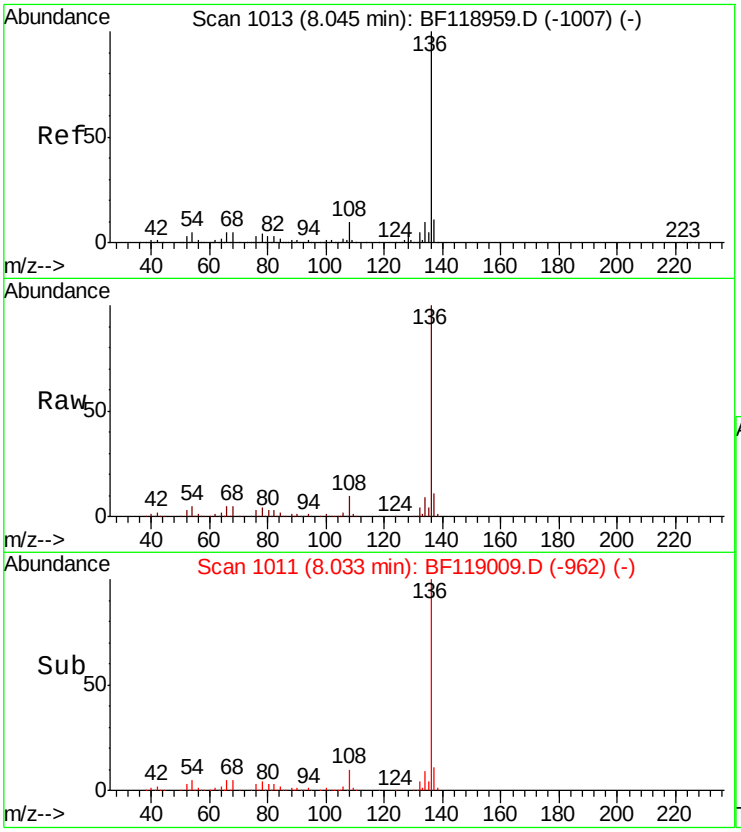


#19
n-Nitroso-di-n-propylamine
Concen: 13.544 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion: 70 Resp: 91748

Ion	Ratio	Lower	Upper
70	100		
42	36.2	34.6	51.8
101	0.0	8.1	12.1#
130	2.4	19.4	29.2#



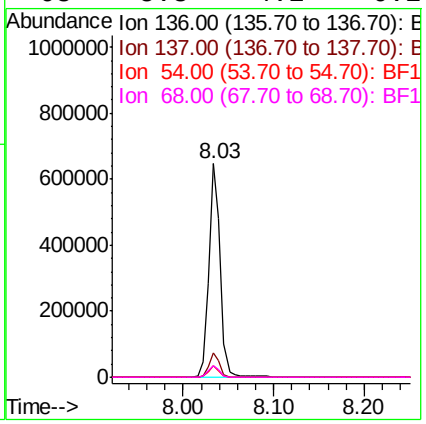


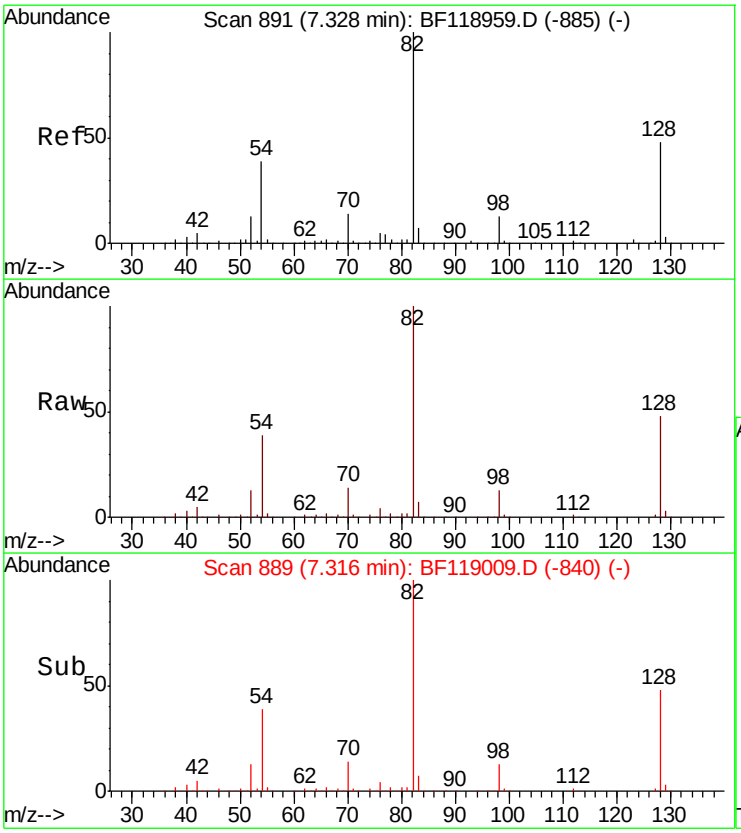
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 571283

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	5.1	3.8	5.6
68	5.3	4.2	6.2

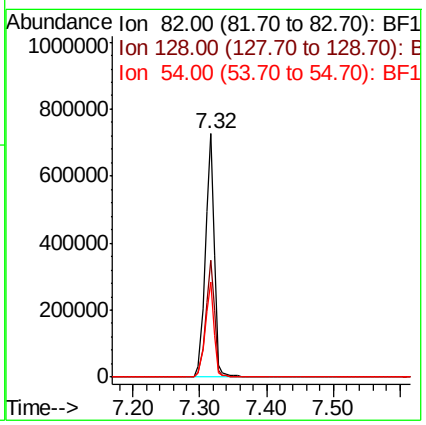


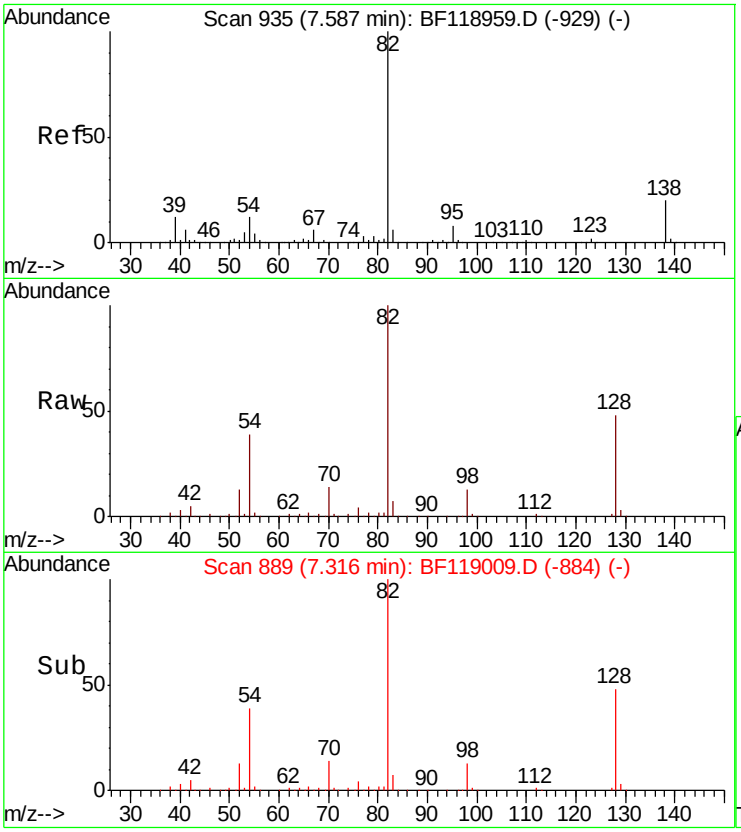


#23
Nitrobenzene-d5
Concen: 62.839 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion: 82 Resp: 679903

Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.2	57.2
54	39.0	31.3	46.9



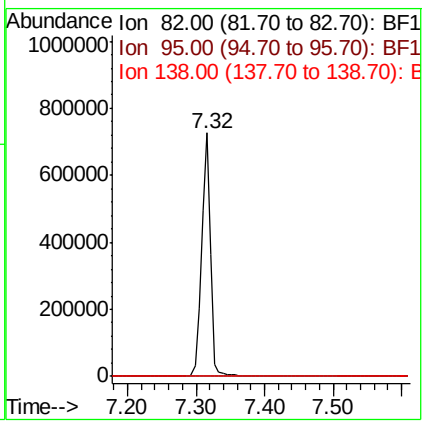


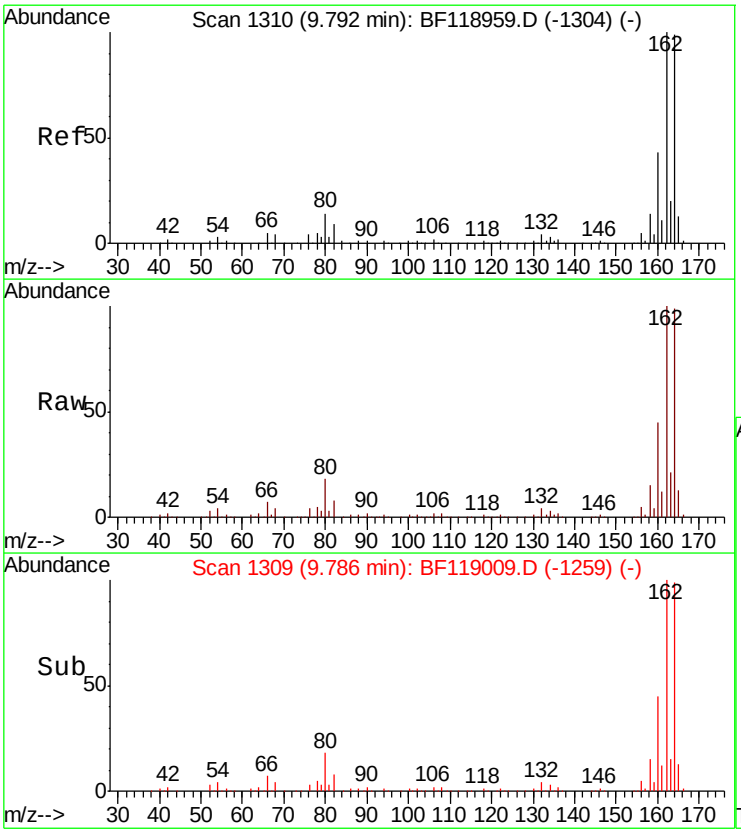
#25
Isophorone
Concen: 36.185 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 679950

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	15.8	23.6#

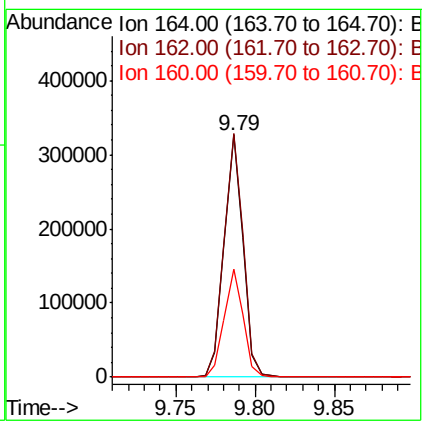


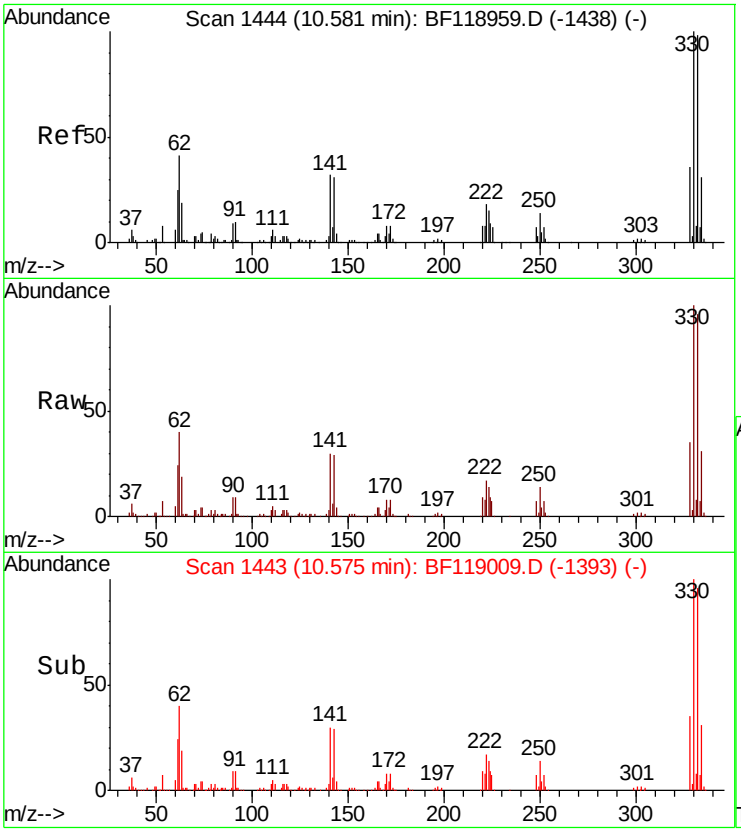


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion:164 Resp: 269894

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.2	121.8
160	44.9	35.2	52.8



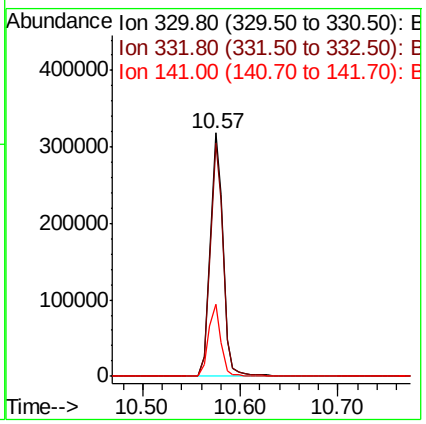


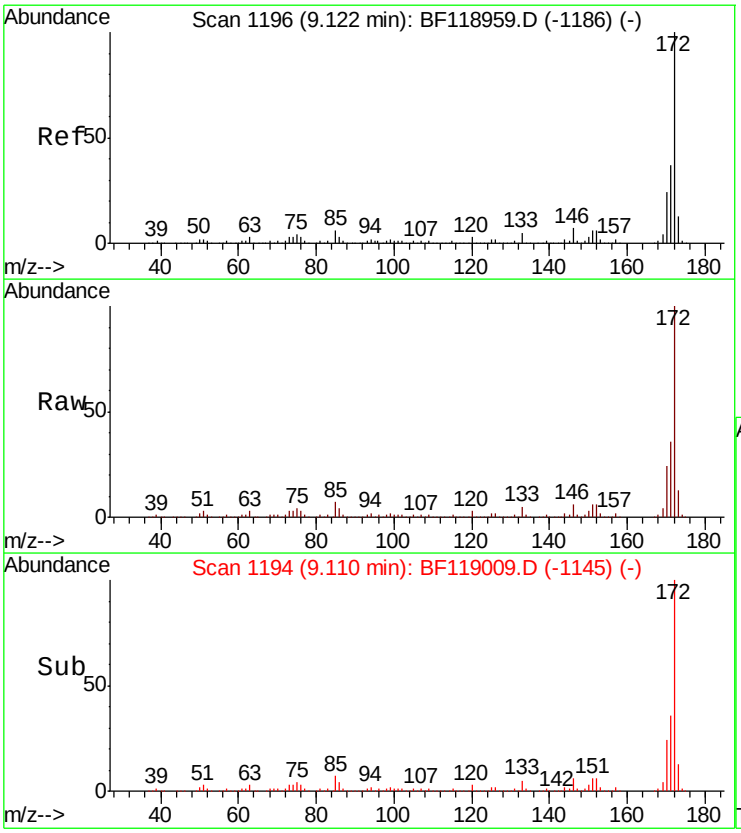
#42
2,4,6-Tribromophenol
Concen: 82.502 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 291287

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	28.9	23.0	34.6

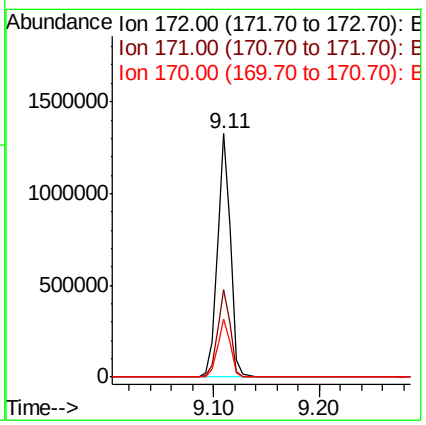


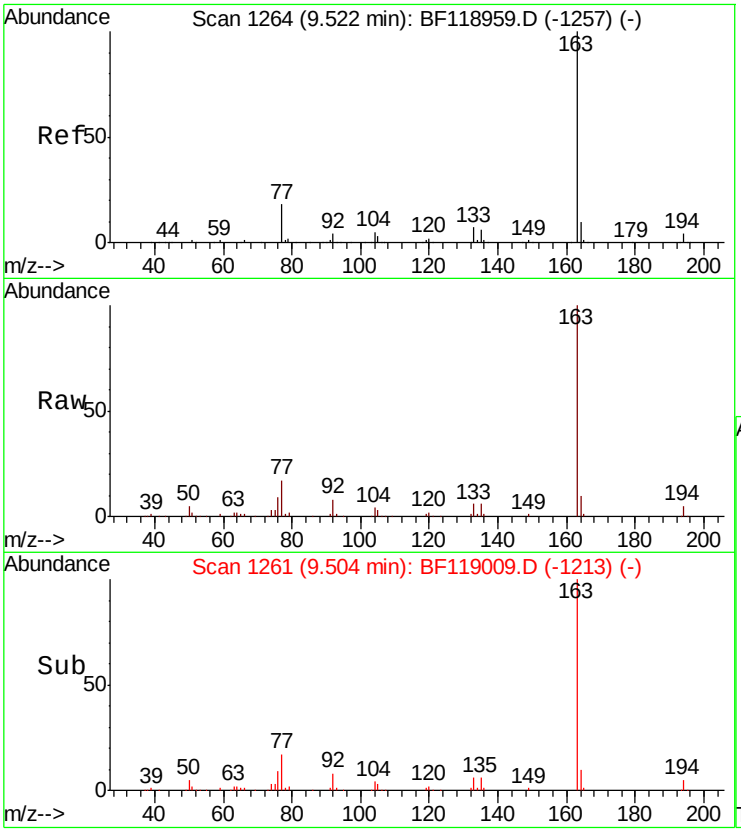


#45
2-Fluorobiphenyl
Concen: 63.542 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion:172 Resp: 1164128

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	23.6	19.6	29.4

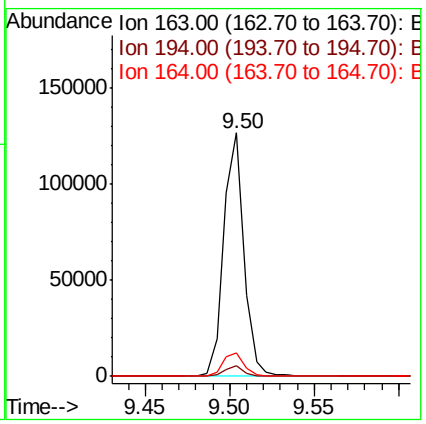




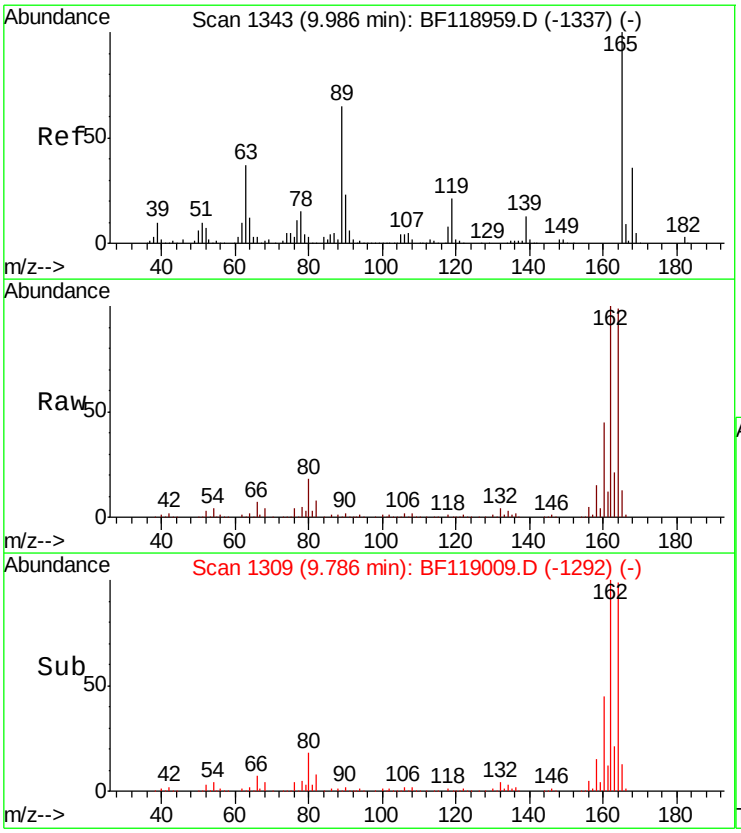
#50
Dimethylphthalate
Concen: 5.104 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion:163 Resp: 105341

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.7	8.2	12.2



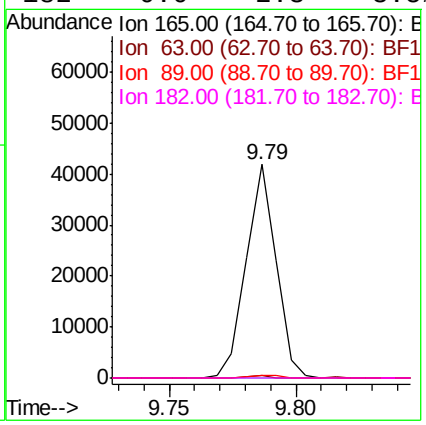
Instrument :
BNA_F
ClientSampleId :

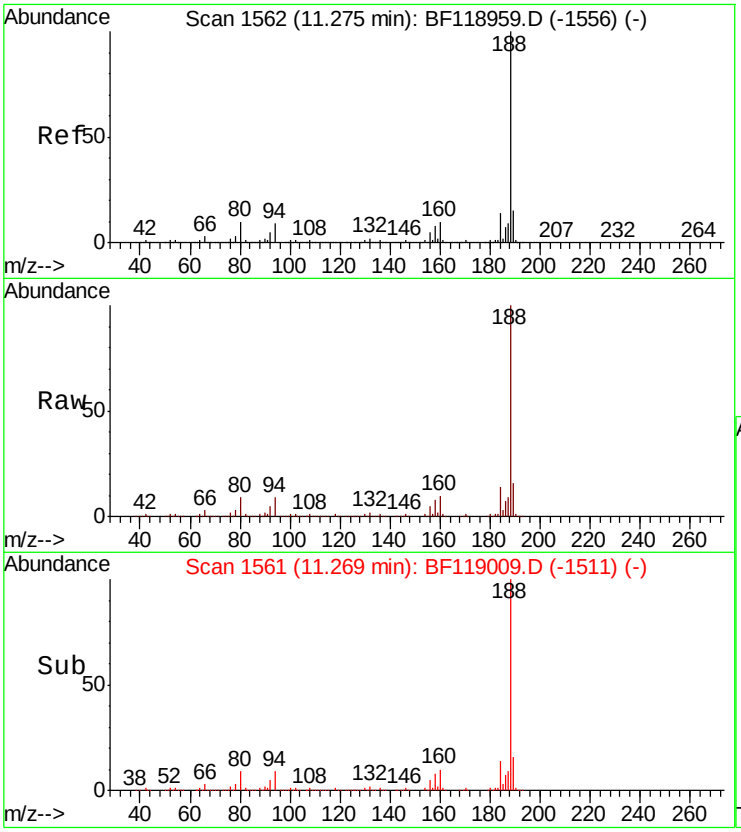


#57
2,4-Dinitrotoluene
Concen: 5.826 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion:165 Resp: 34624

Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.8#
89	1.5	51.9	77.9#
182	0.0	2.3	3.5#



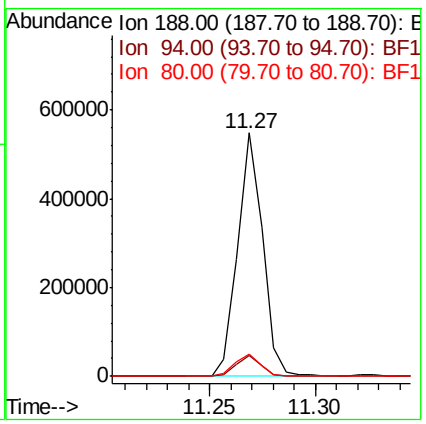


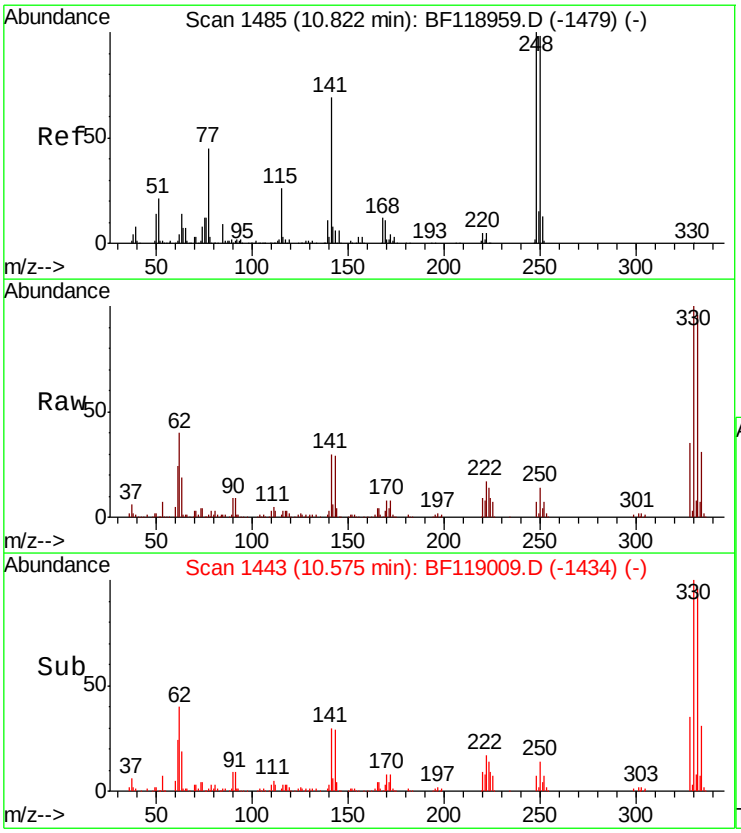
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 448607

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	9.3	7.9	11.9

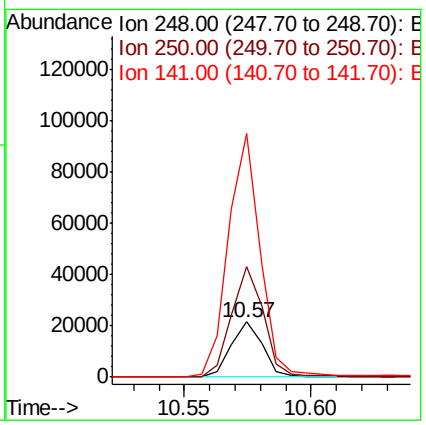


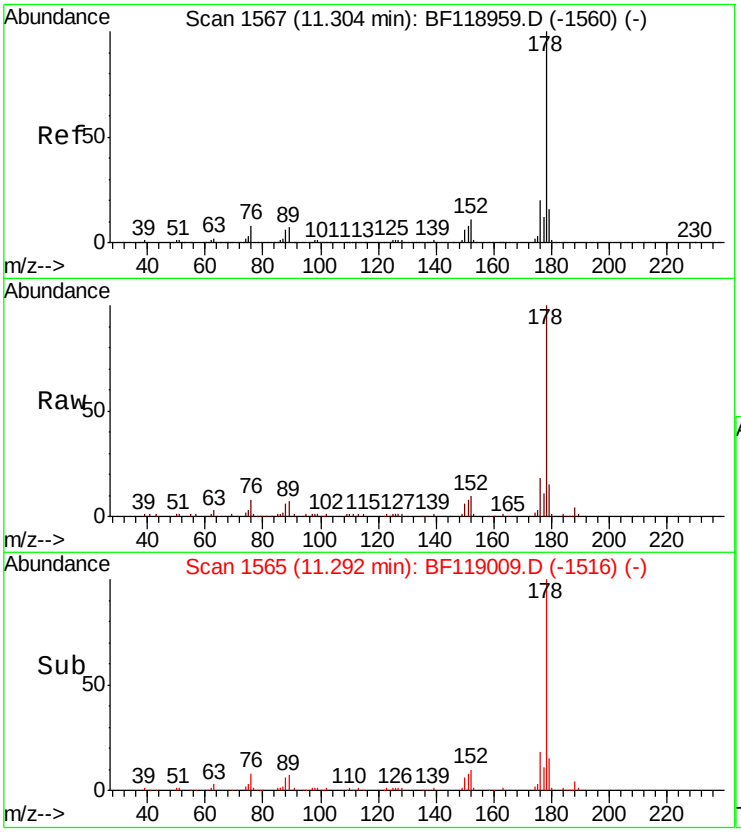


#67
4-Bromophenyl-phenylether
Concen: 3.200 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion:248 Resp: 18767

Ion	Ratio	Lower	Upper
248	100		
250	199.5	78.8	118.2#
141	439.8	55.3	82.9#



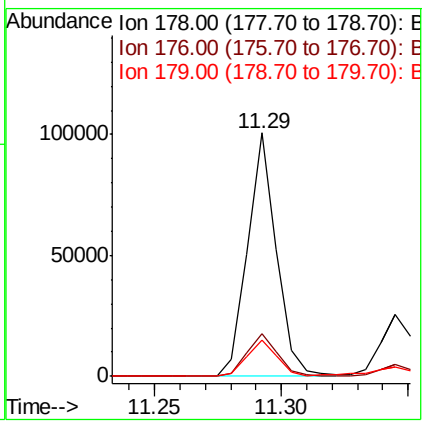


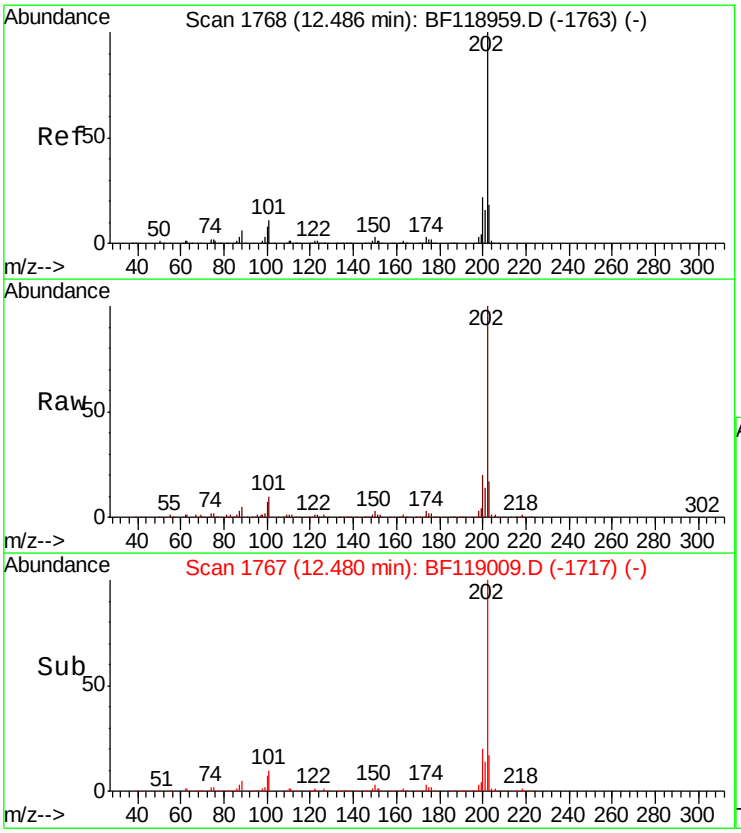
#71
Phenanthrene
Concen: 3.264 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 79845

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.6	23.4
179	15.1	12.6	18.8

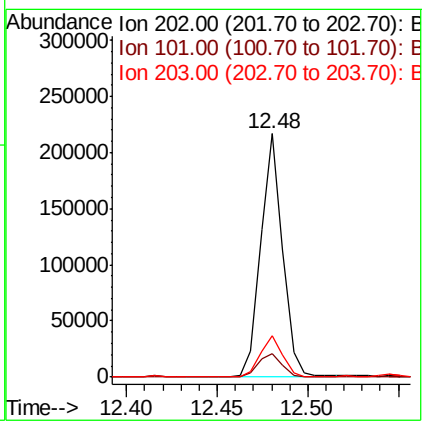


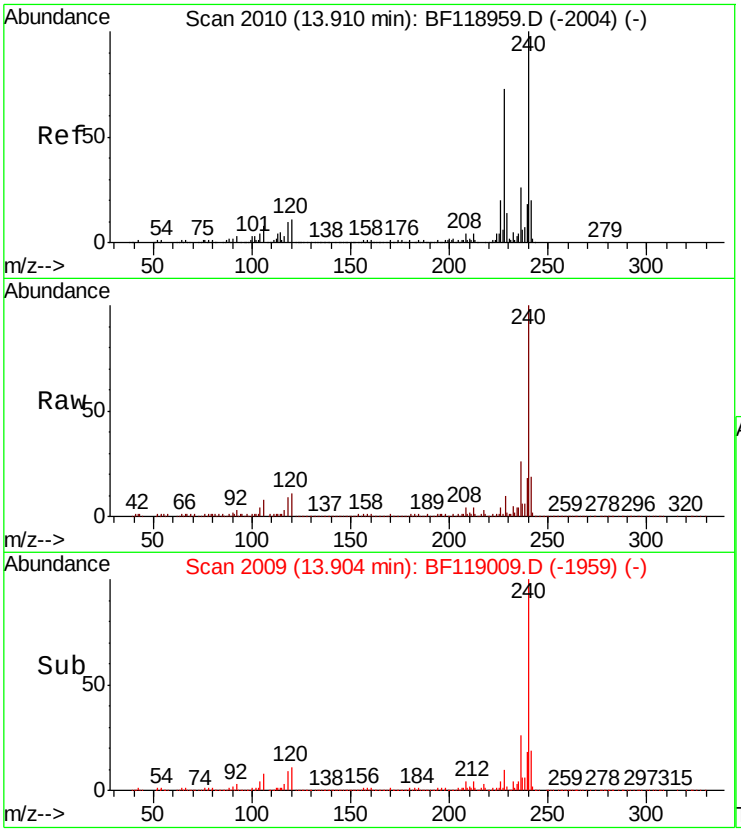


#75
Fluoranthene
Concen: 7.032 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion:202 Resp: 182601

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.1
203	17.0	0.0	38.1



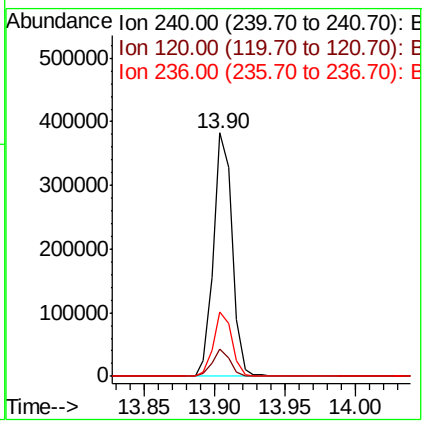


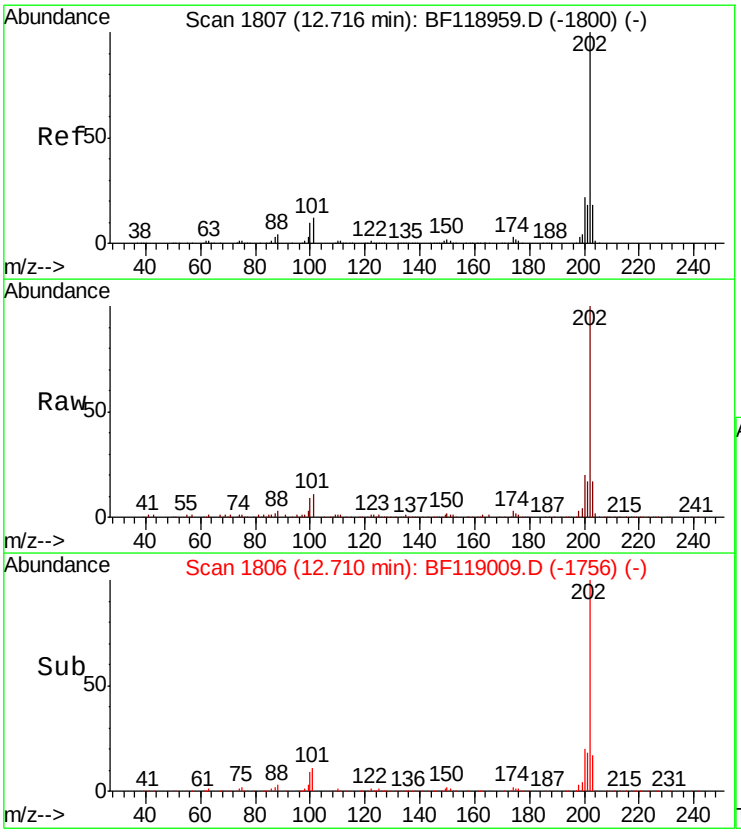
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 351959

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	26.3	20.6	30.8

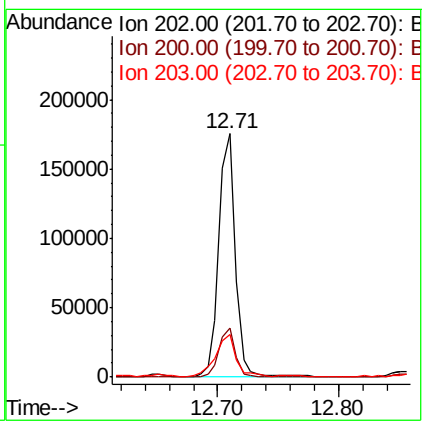


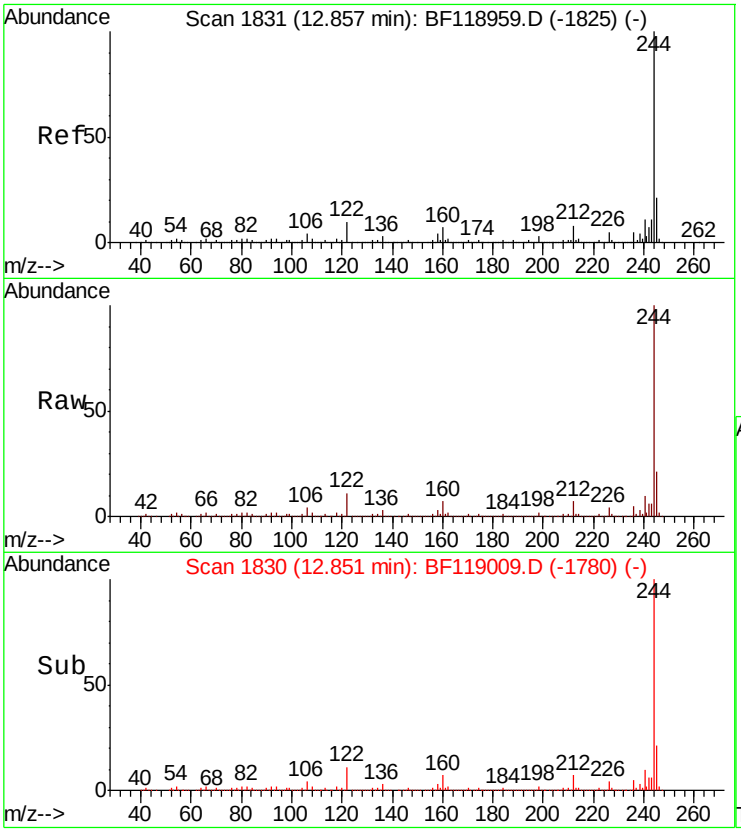


#78
Pyrene
Concen: 5.797 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion:202 Resp: 163831

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.0
203	17.4	14.5	21.7



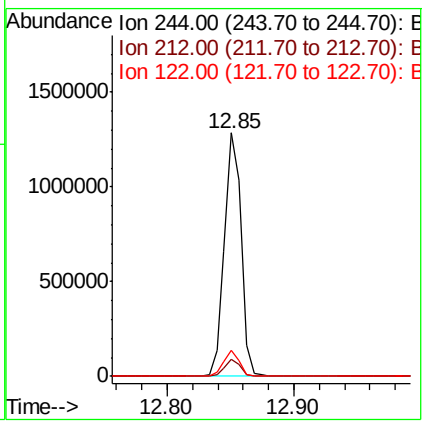


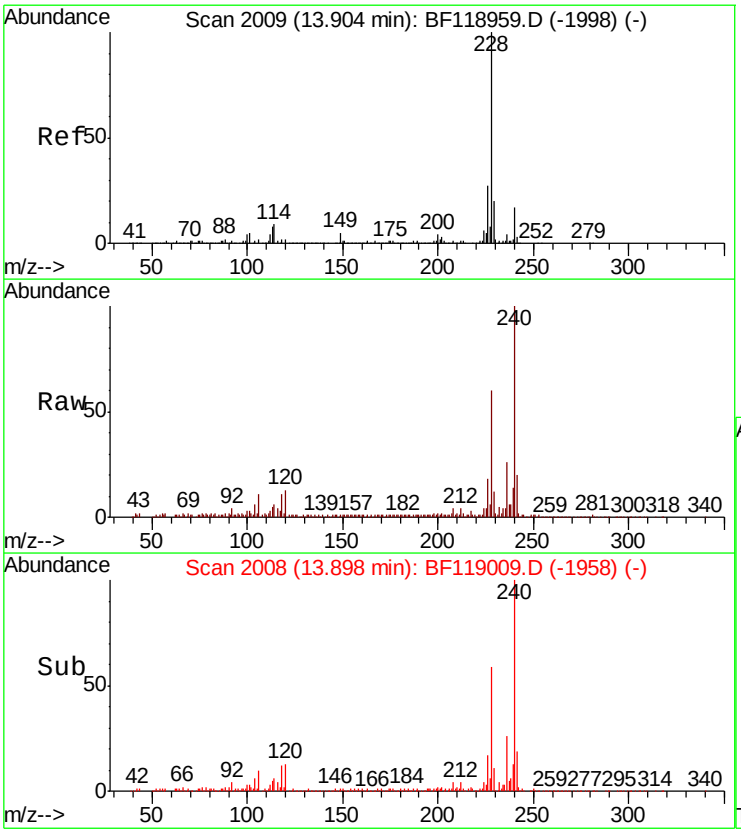
#79
Terphenyl-d14
Concen: 57.509 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1175643

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	10.6	8.4	12.6

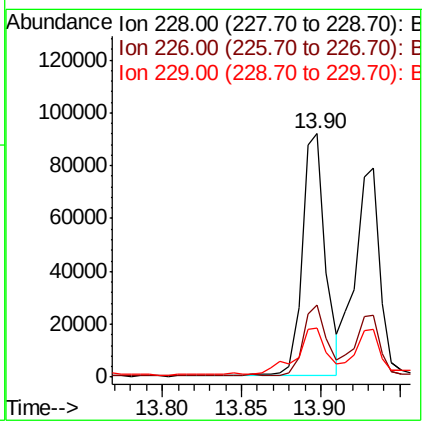


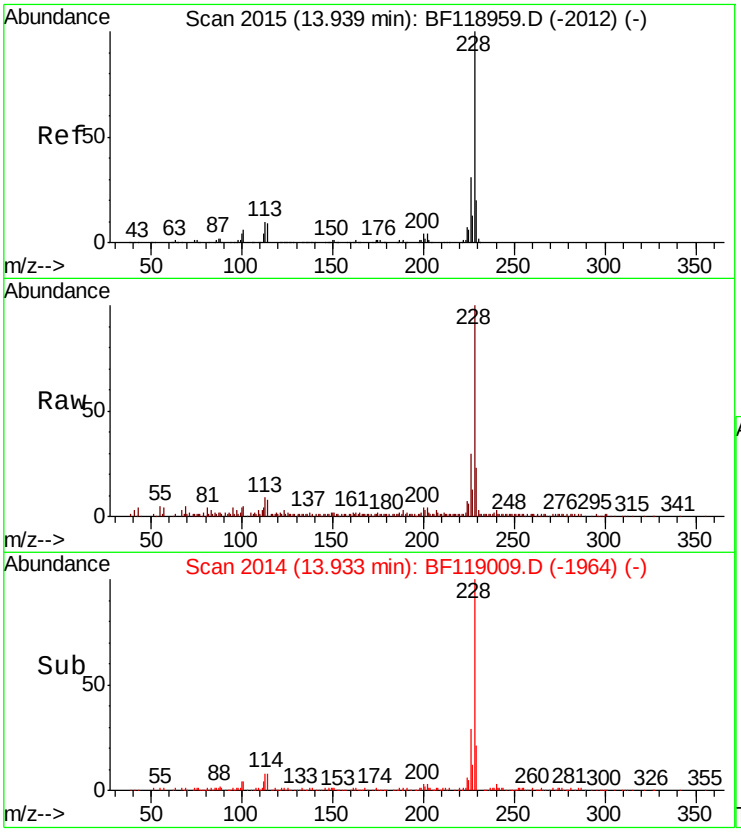


#81
Benzo(a)anthracene
Concen: 3.933 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion:228 Resp: 94309

Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.8	32.8
229	20.4	16.0	24.0



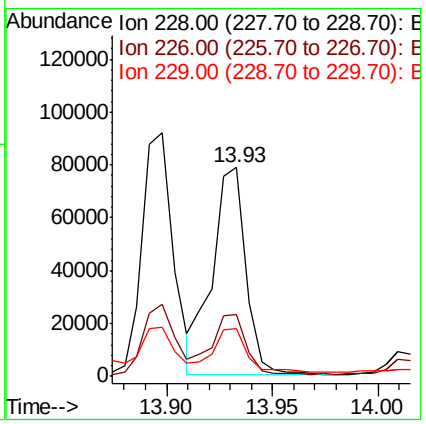


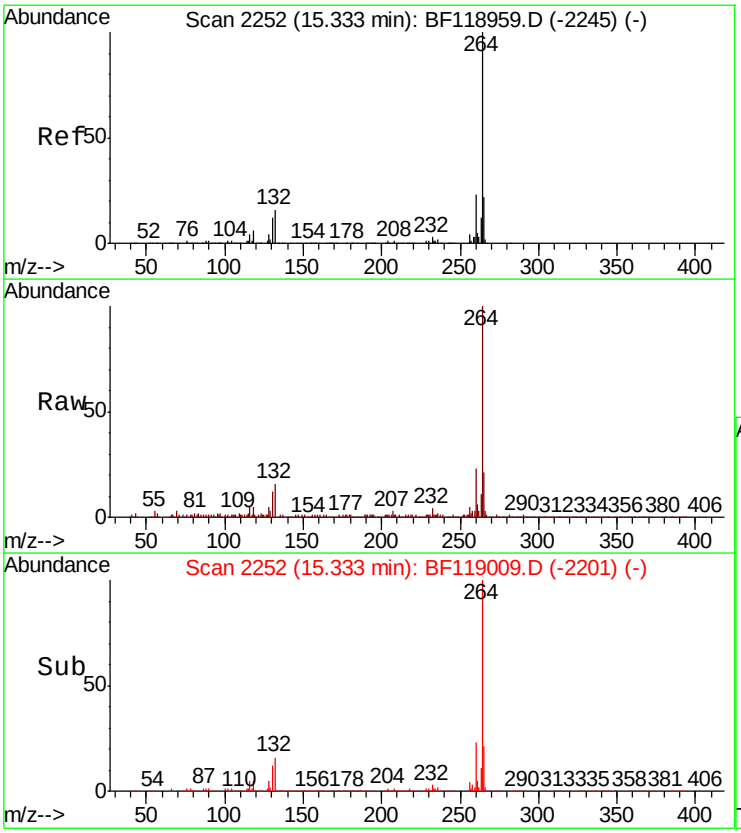
#83
Chrysene
Concen: 3.629 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 86714

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	37.0
229	22.8	16.2	24.2

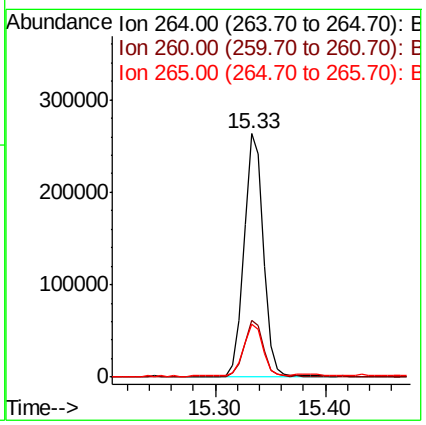


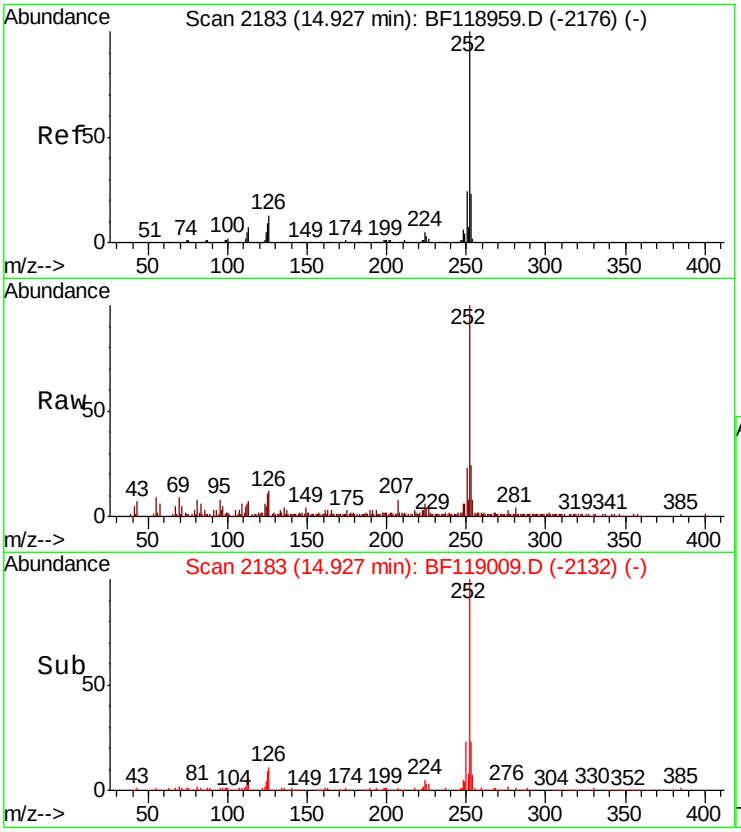


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion:264 Resp: 323668

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.5	17.3	25.9



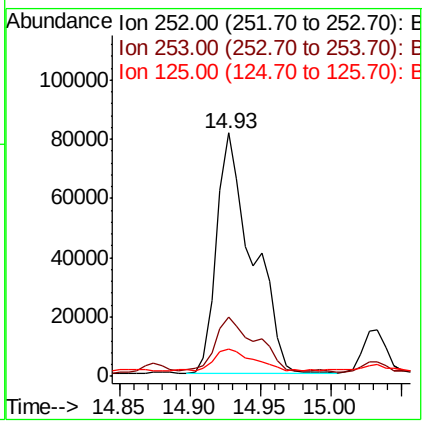


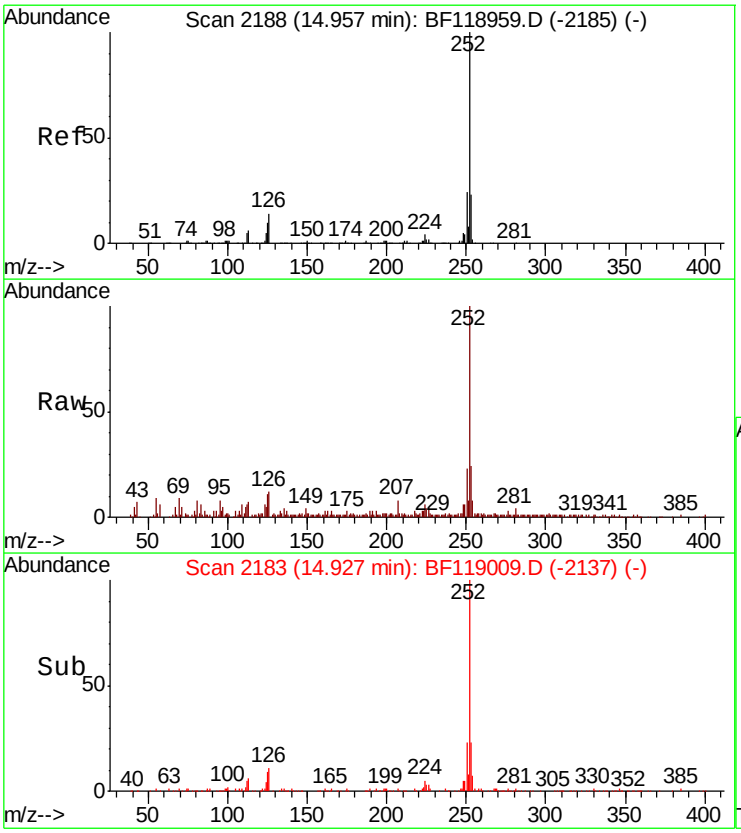
#88
Benzo(b)fluoranthene
Concen: 6.793 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 144927

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	11.3	7.4	11.0#

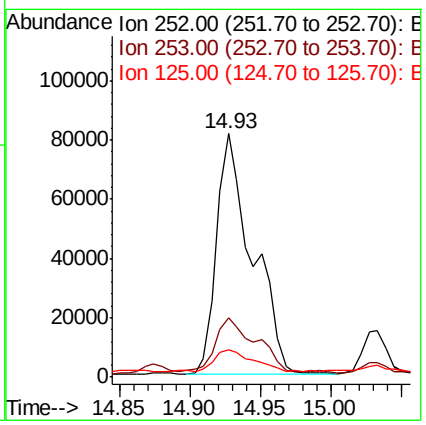


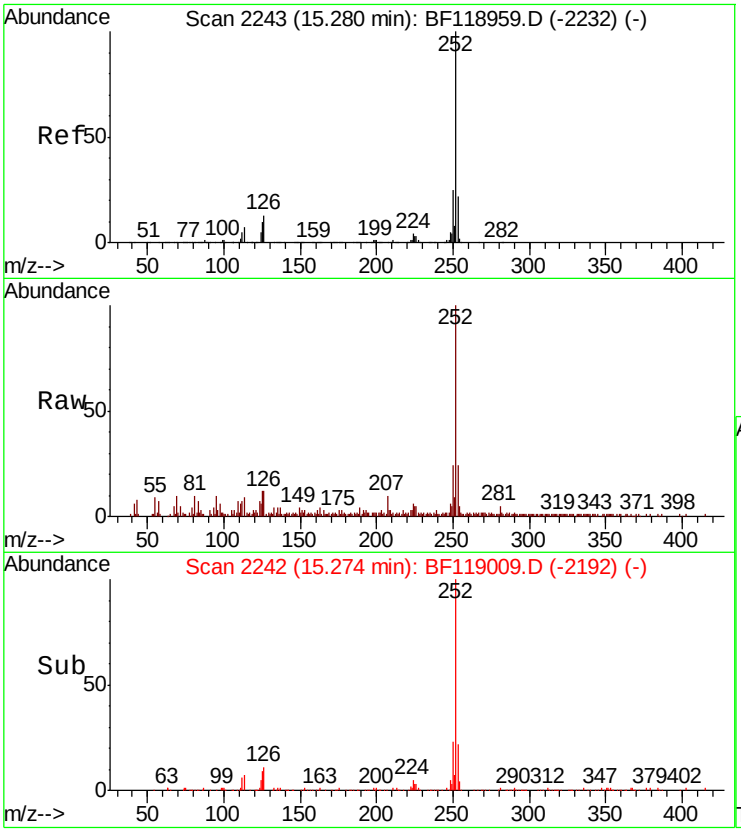


#89
Benzo(k)fluoranthene
Concen: 7.330 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion:252 Resp: 144927

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	11.3	7.3	10.9#



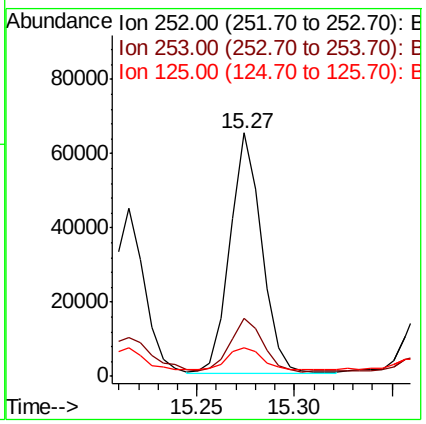


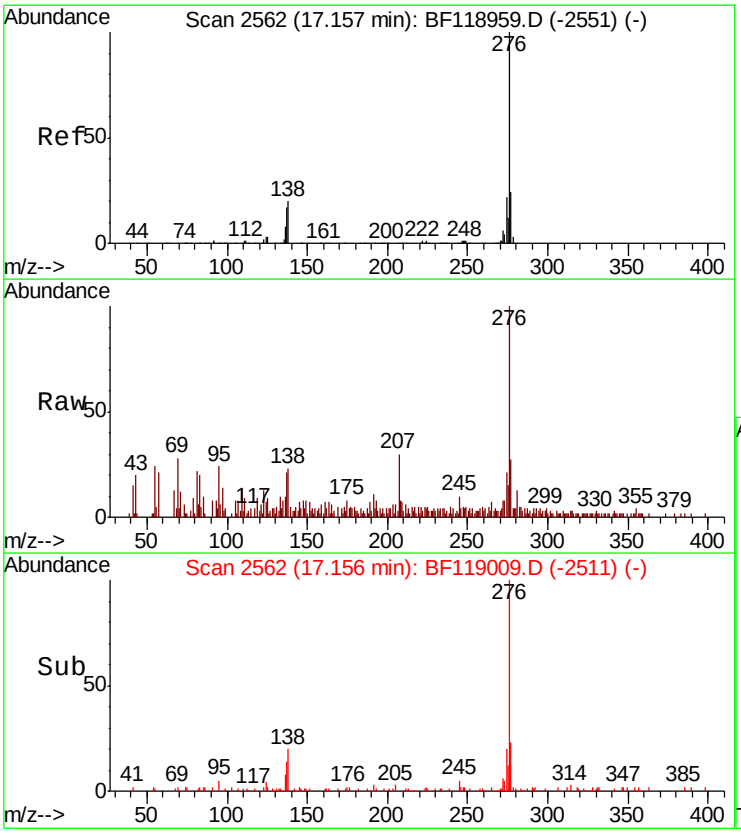
#90
Benzo(a)pyrene
Concen: 3.817 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 73502

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	12.0	7.8	11.6#





#92
Benzo(g,h,i)perylene
Concen: 2.306 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BF119009.D
Acq: 21 Feb 2020 23:10

Tgt Ion:276 Resp: 38597

Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.2	28.8
138	22.8	16.2	24.4