Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118999.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1526-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 24 02:21:19 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	155427	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	535236	20.00	ng		-0.01
39) Acenaphthene-d10	9.79	164	238868	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	394832	20.00	ng		0.00
76) Chrysene-d12	13.90	240	352547	20.00	ng		0.00
87) Perylene-d12	15.33	264	313919	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	884198	95.07	ng		0.00
7) Phenol-d6	6.40	99	1032902	91.32	ng		0.00
23) Nitrobenzene-d5	7.32	82	656600	64.77	ng		-0.01
42) 2,4,6-Tribromophenol	10.57	330	247876	79.33	ng		0.00
45) 2-Fluorobiphenyl	9.11	172	1174516	72.44	ng		-0.01
79) Terphenyl-d14	12.85	244	1203859	58.79	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	88638	13.448	ng	#	75
25) Isophorone	7.32	82	656595	37.296	ng	#	63
50) Dimethylphthalate	9.50	163	103647	5.674	ng		99
51) 2,6-Dinitrotoluene	9.79	165	30883	7.610	ng	#	30
57) 2,4-Dinitrotoluene	9.79	165	30883	5.871	ng	#	29
67) 4-Bromophenyl-phenylether	10.57	248	16116	3.123	ng	#	1
71) Phenanthrene	11.29	178	85156	3.955	ng		98
75) Fluoranthene	12.48	202	272532	11.924	ng		100
78) Pyrene	12.71	202	316164	11.168	ng		98
81) Benzo(a)anthracene	13.90	228	160889	6.698	ng		99
83) Chrysene	13.93	228	149667	6.253	ng		98
86) Indeno(1,2,3-cd)pyrene	16.73	276	60501	2.611	ng	#	94
88) Benzo(b)fluoranthene	14.93	252	224434	10.847	ng		98
89) Benzo(k)fluoranthene	14.93	252	224434	11.704	ng		98
90) Benzo(a)pyrene	15.27	252	119511	6.400	ng		98

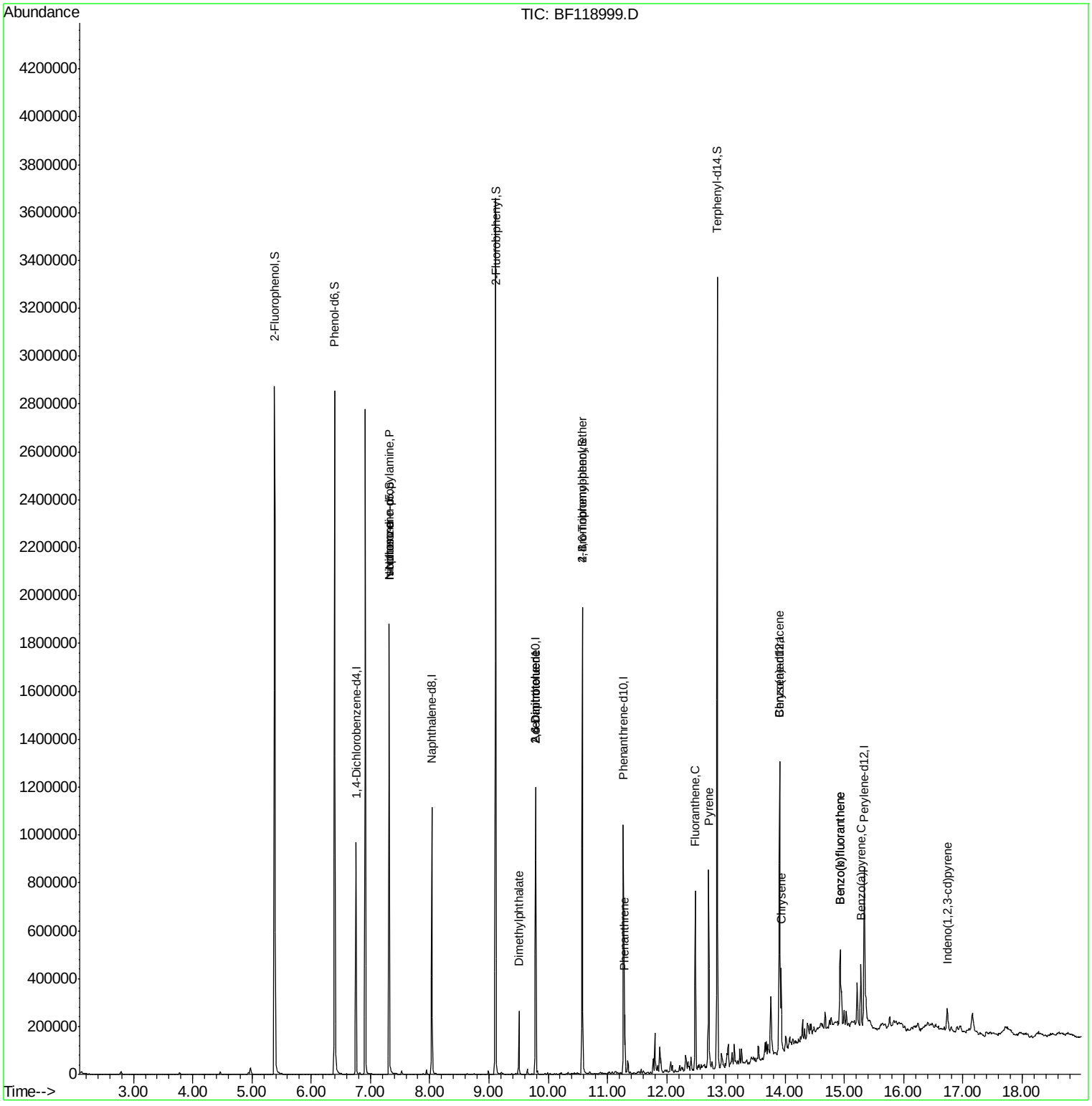
(#) = qualifier out of range (m) = manual integration (+) = signals summed

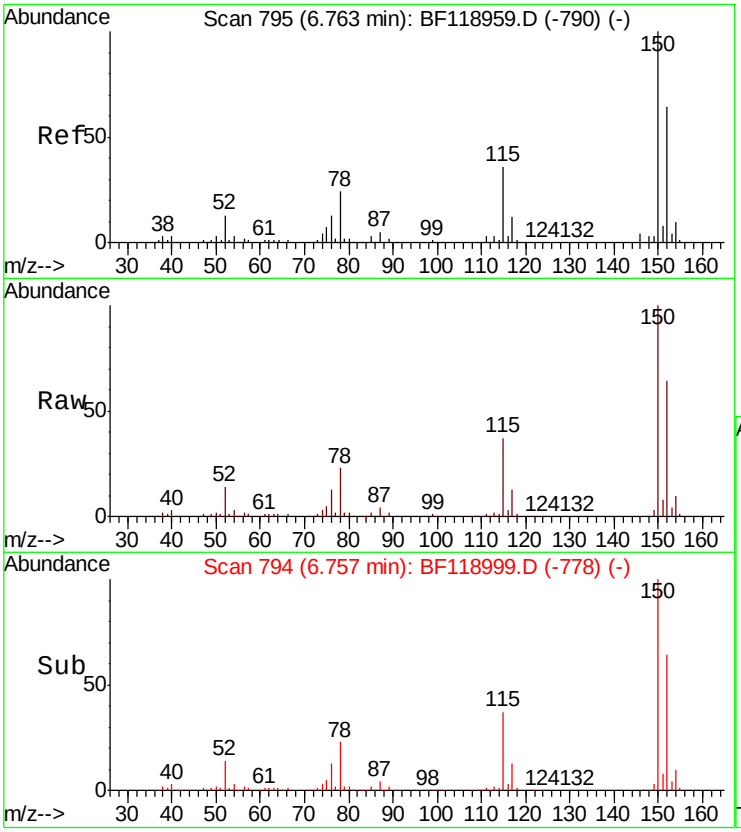
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF118999.D
Acq On : 21 Feb 2020 18:22
Operator : CG/JU
Sample : L1526-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 24 02:21:19 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



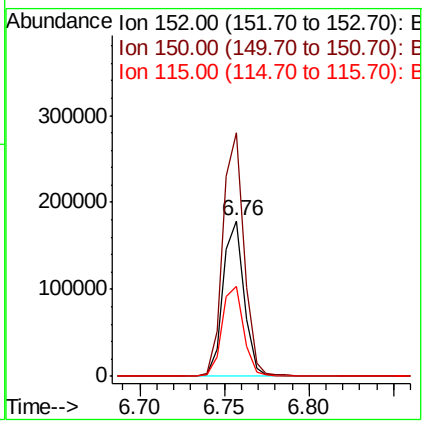


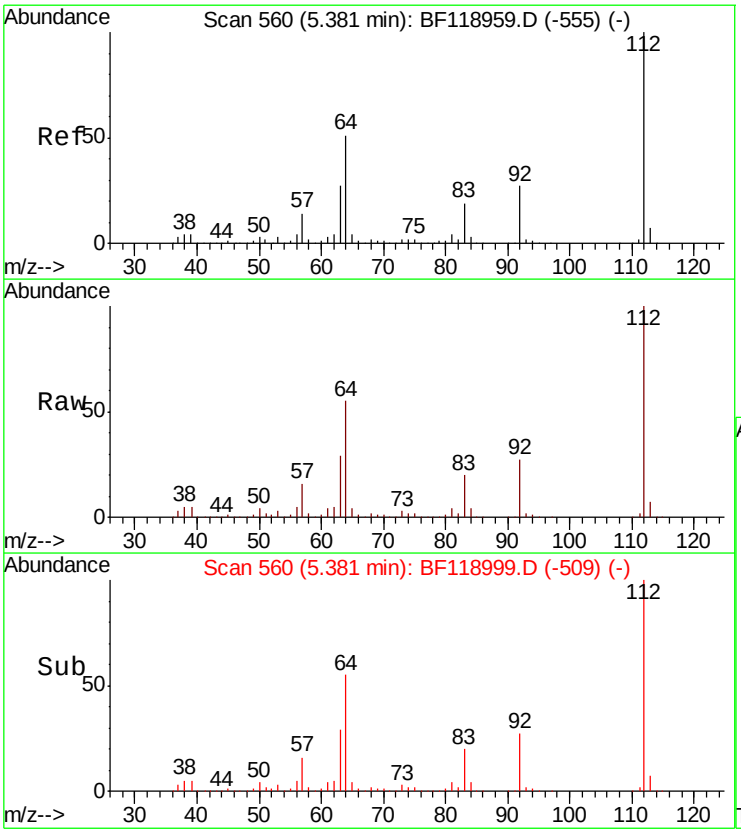
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 155427

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.3	186.5
115	57.7	44.6	67.0

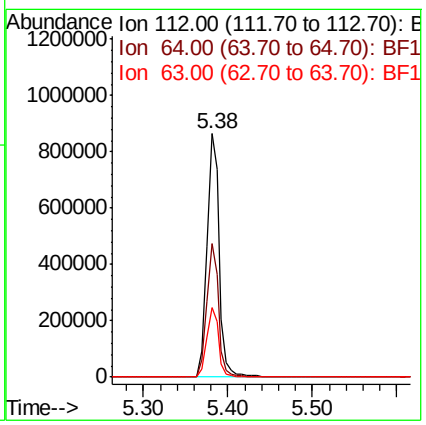


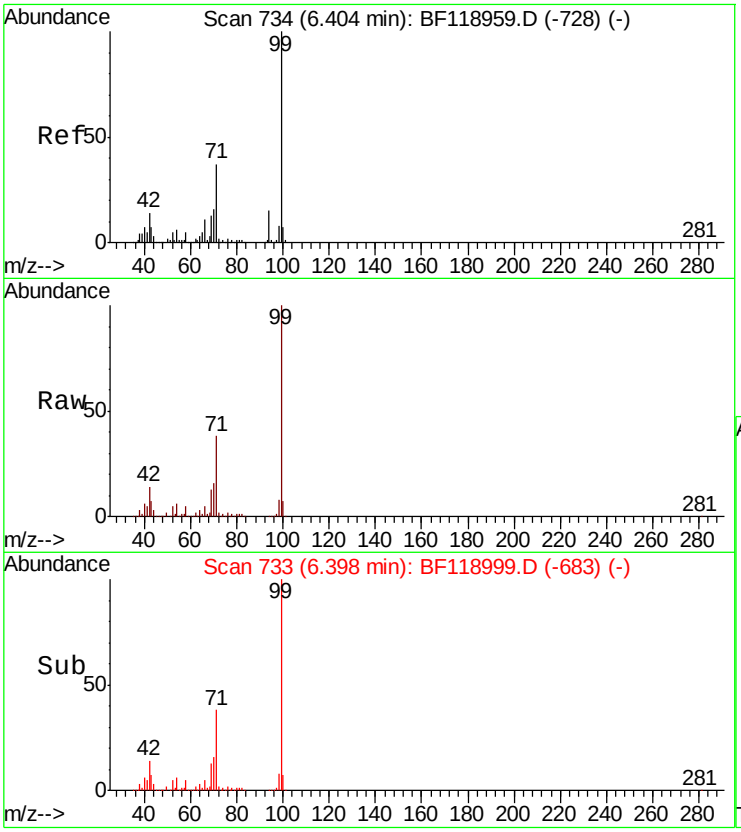


#5
2-Fluorophenol
Concen: 95.070 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Tgt Ion:112 Resp: 884198

Ion	Ratio	Lower	Upper
112	100		
64	54.8	40.4	60.6
63	28.6	21.3	31.9



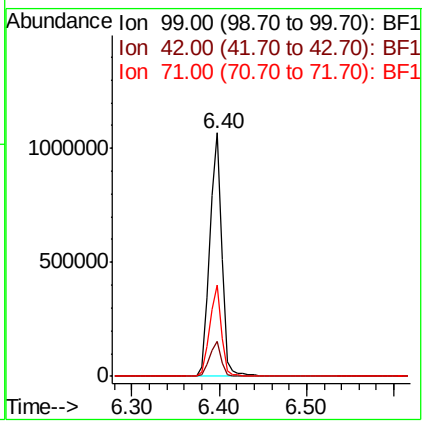


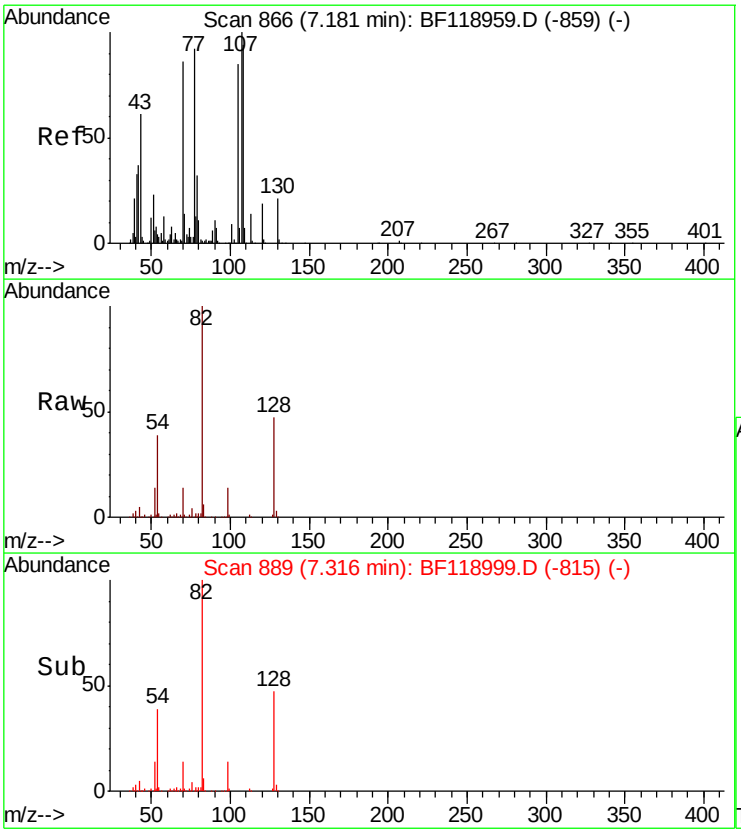
#7
Phenol-d6
Concen: 91.318 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1032902

Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.4	17.0
71	37.7	29.8	44.6

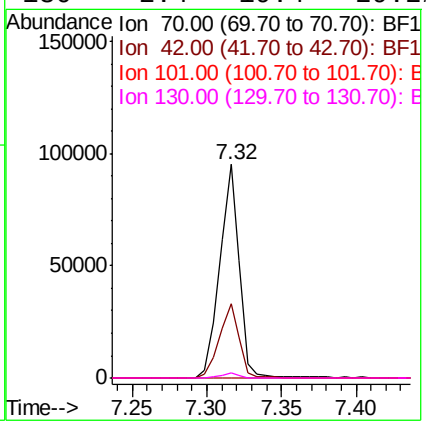


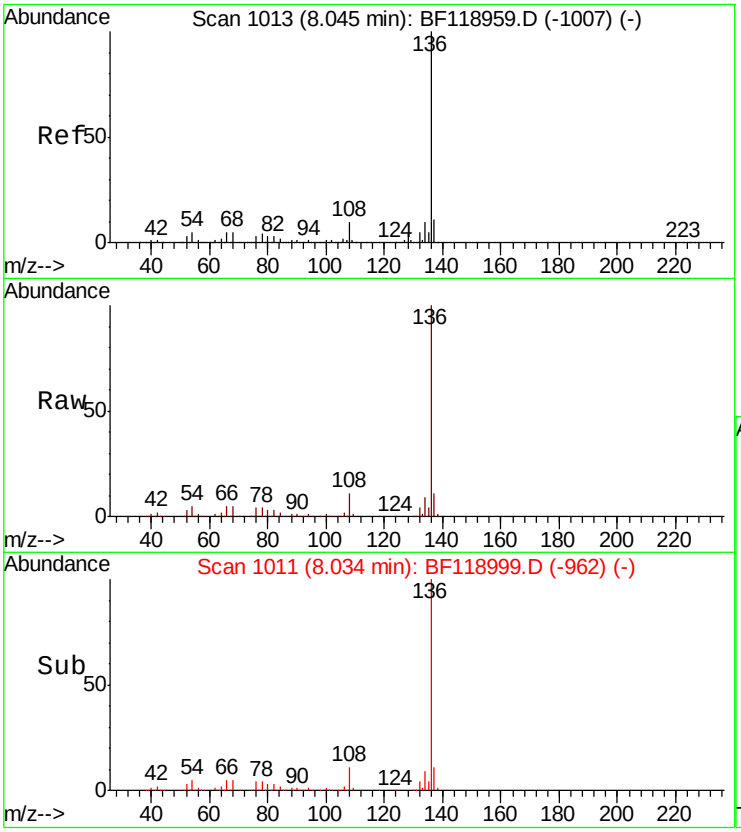


#19
n-Nitroso-di-n-propylamine
Concen: 13.448 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Tgt Ion: 70 Resp: 88638

Ion	Ratio	Lower	Upper
70	100		
42	34.5	34.6	51.8#
101	0.0	8.1	12.1#
130	2.4	19.4	29.2#



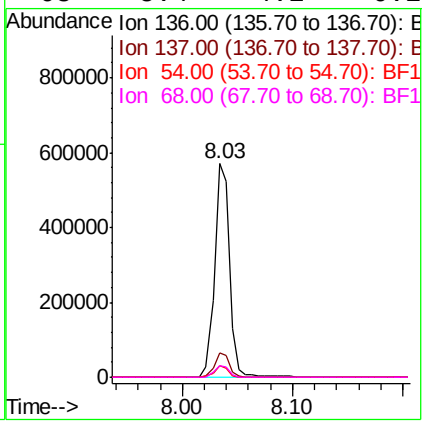


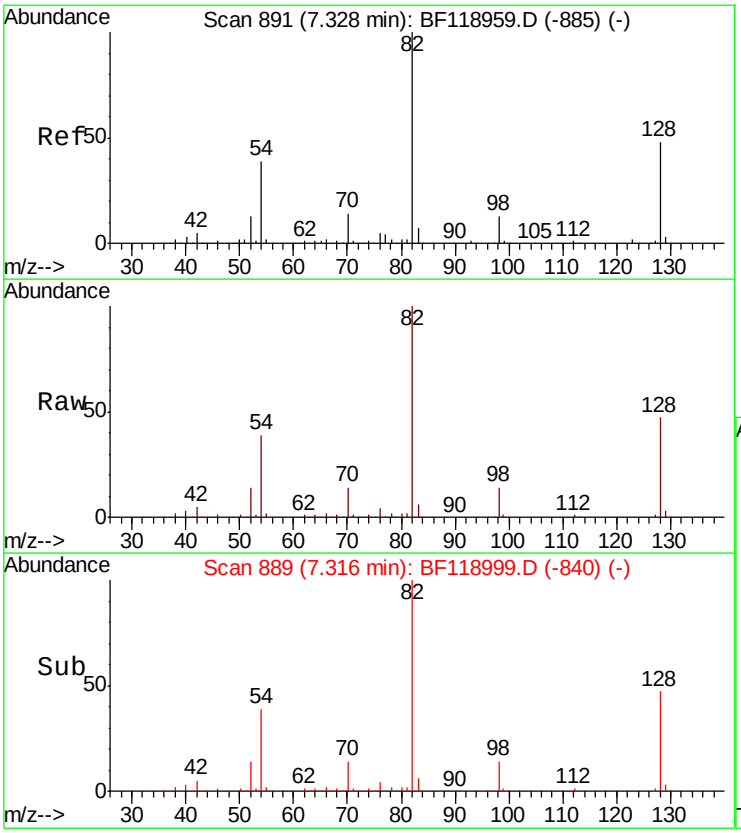
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 535236

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	5.5	3.8	5.6
68	5.4	4.2	6.2

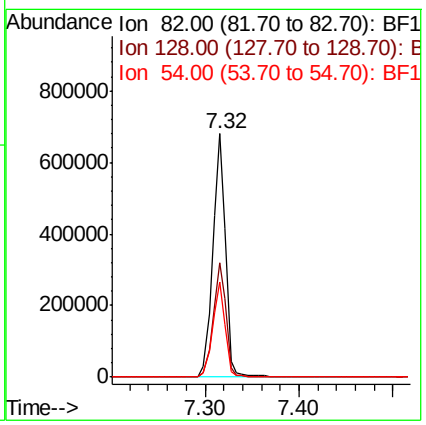


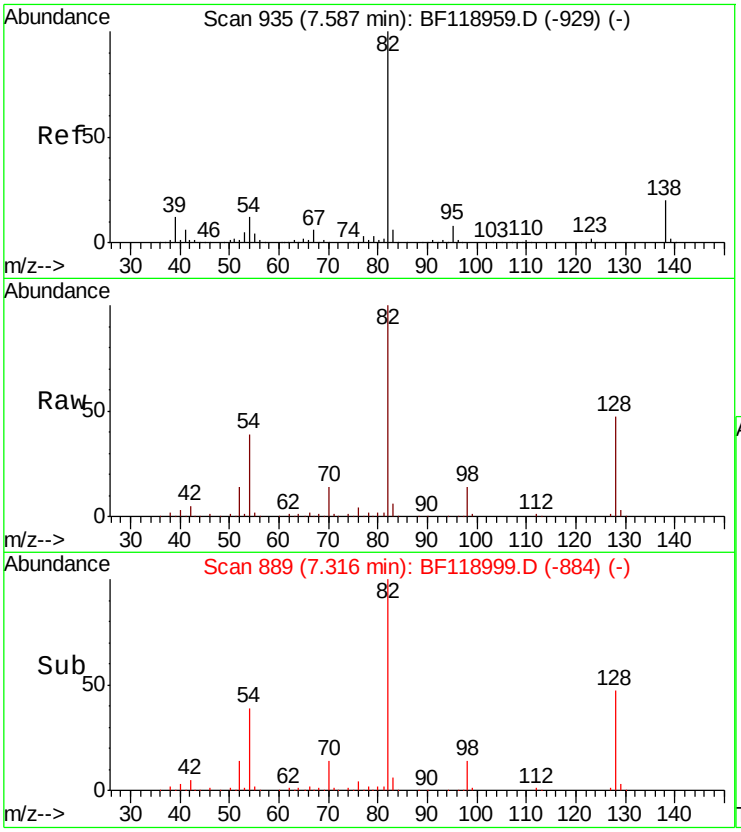


#23
Nitrobenzene-d5
Concen: 64.772 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Tgt Ion: 82 Resp: 656600

Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.2	57.2
54	38.8	31.3	46.9



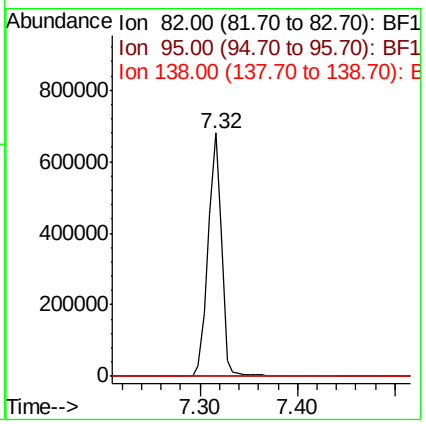


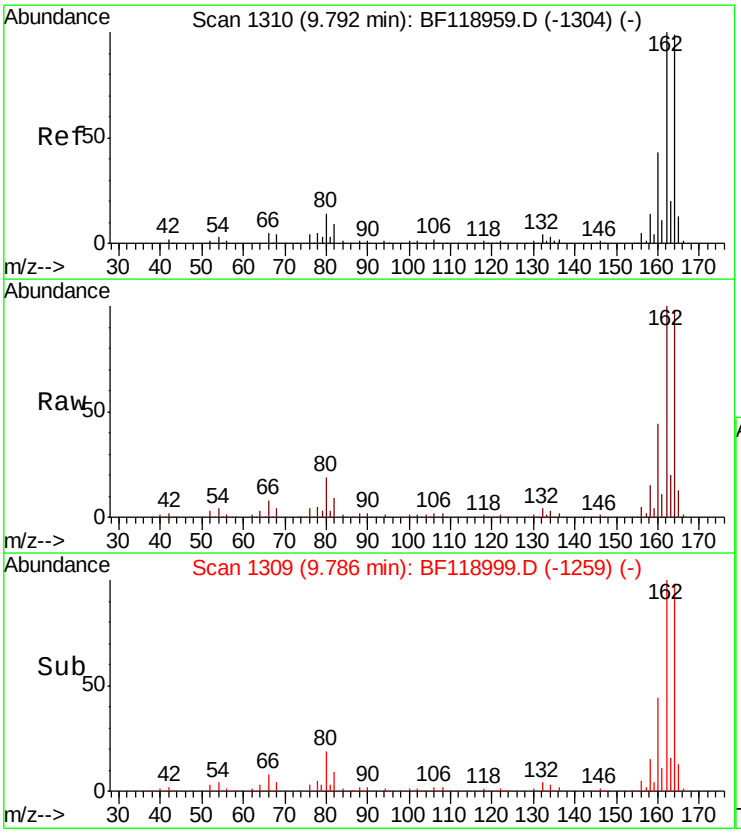
#25
Isophorone
Concen: 37.296 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 656595

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

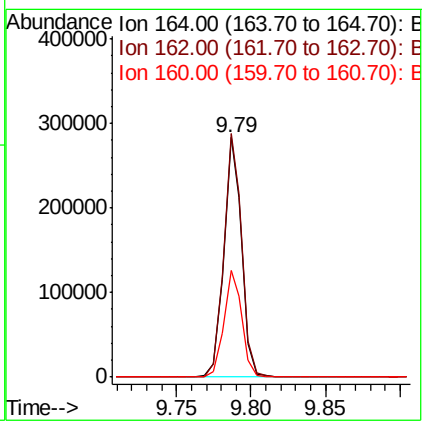


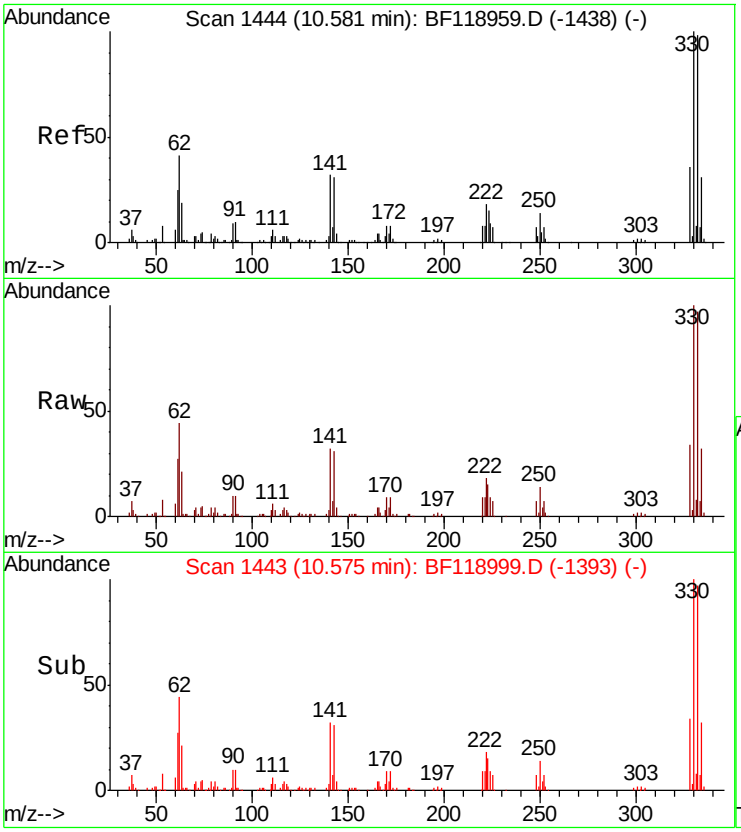


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Tgt Ion:164 Resp: 238868

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.2	121.8
160	44.5	35.2	52.8



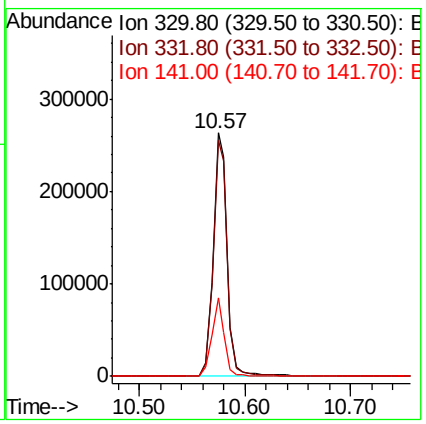


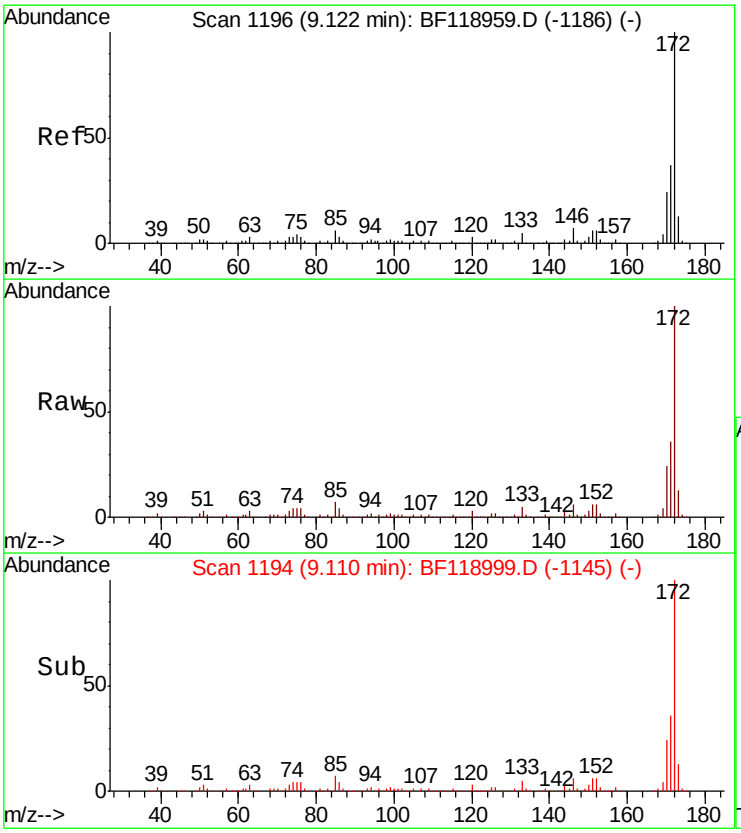
#42
2,4,6-Tribromophenol
Concen: 79.325 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 247876

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	29.2	23.0	34.6

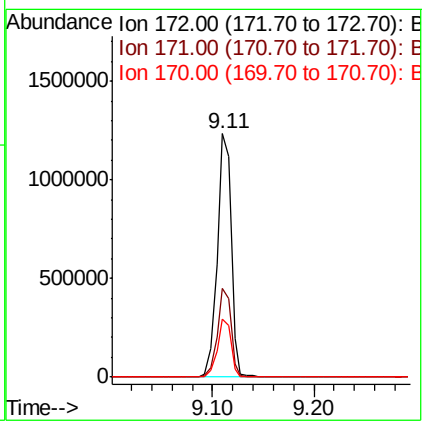


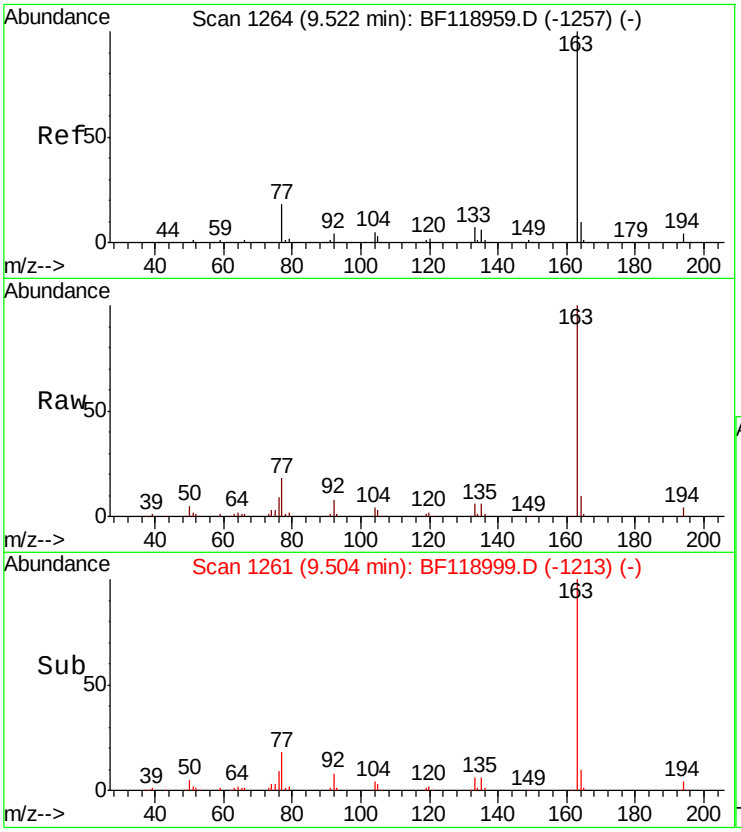


#45
2-Fluorobiphenyl
Concen: 72.436 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Tgt Ion:172 Resp: 1174516

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	23.8	19.6	29.4



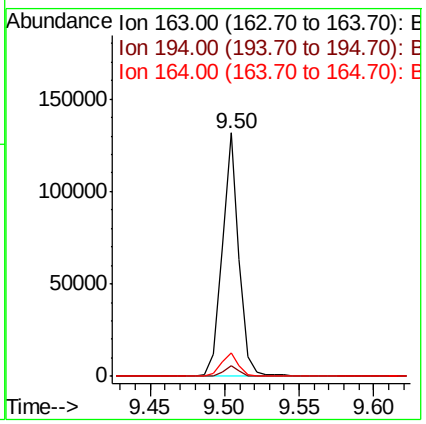


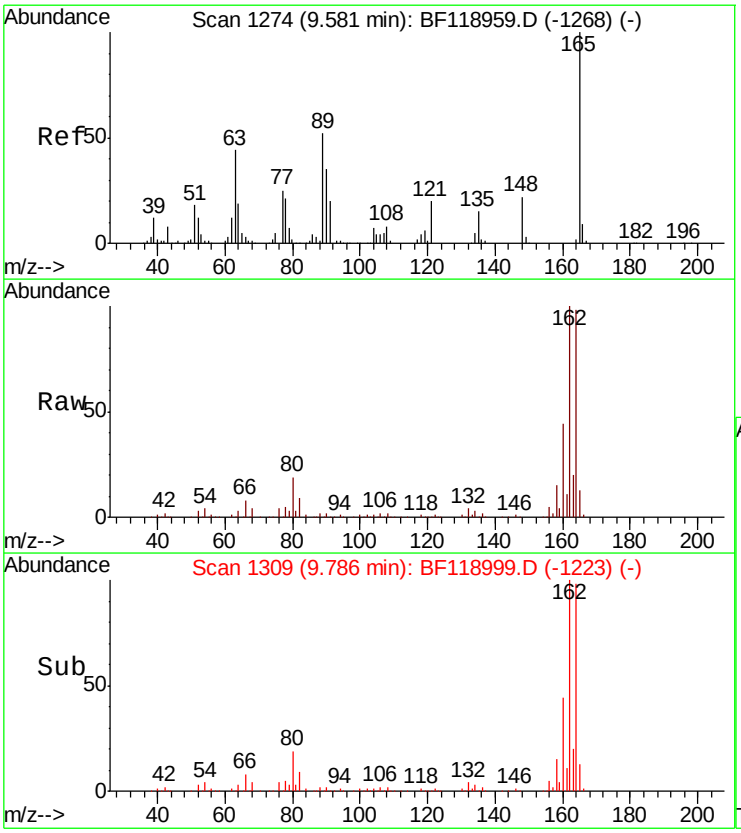
#50
Dimethylphthalate
Concen: 5.674 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 103647

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.6	8.2	12.2

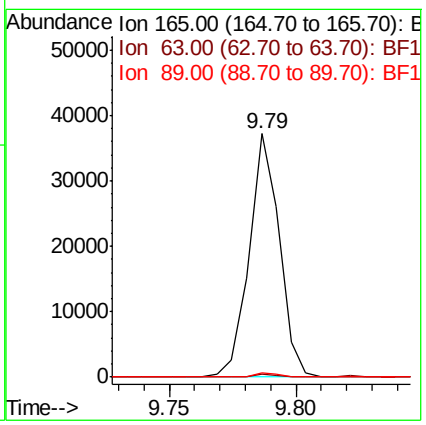


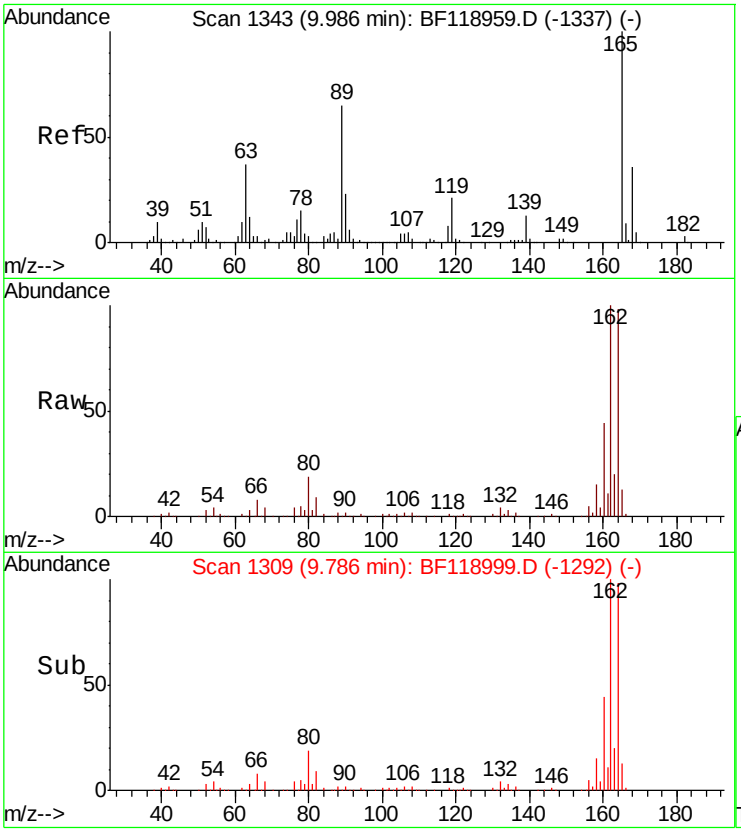


#51
2,6-Dinitrotoluene
Concen: 7.610 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Tgt Ion:165 Resp: 30883

Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.9	56.9#
89	1.5	41.4	62.0#



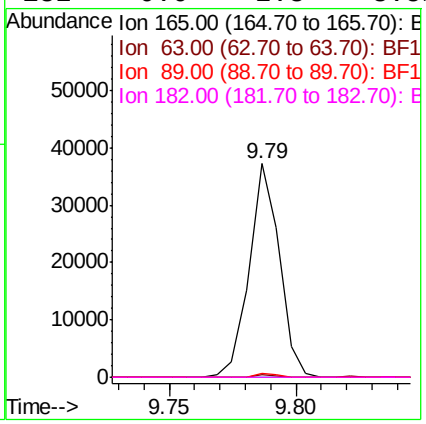


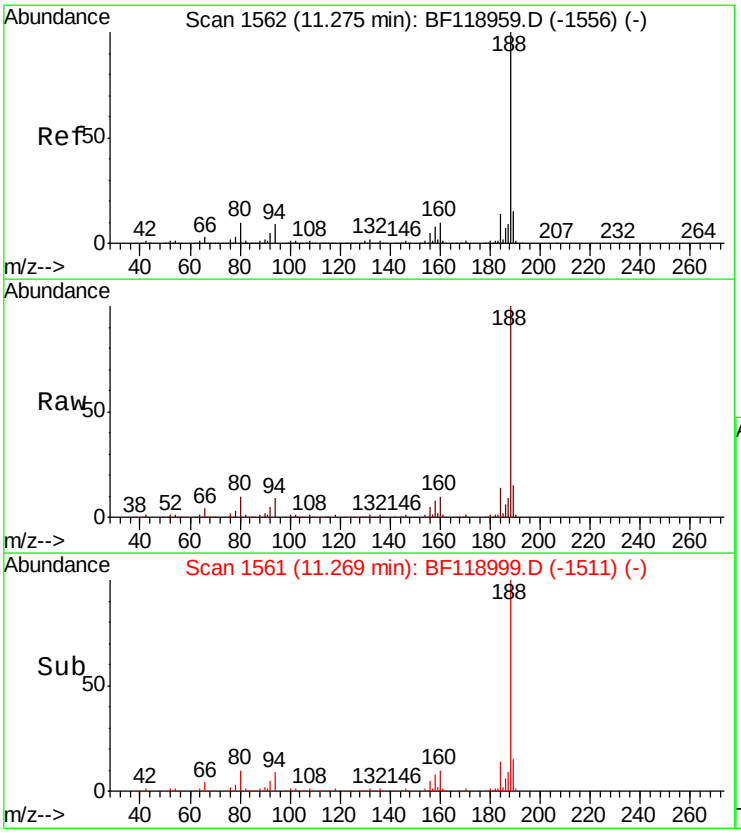
#57
2,4-Dinitrotoluene
Concen: 5.871 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30883

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.8#
89	1.5	51.9	77.9#
182	0.0	2.3	3.5#

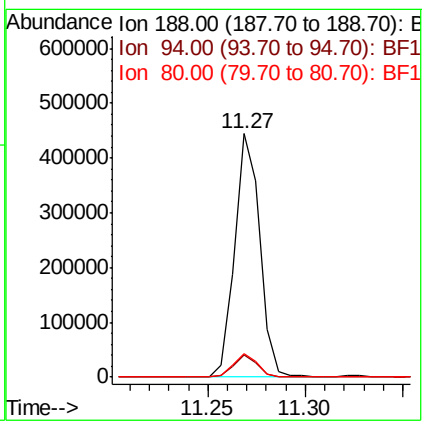


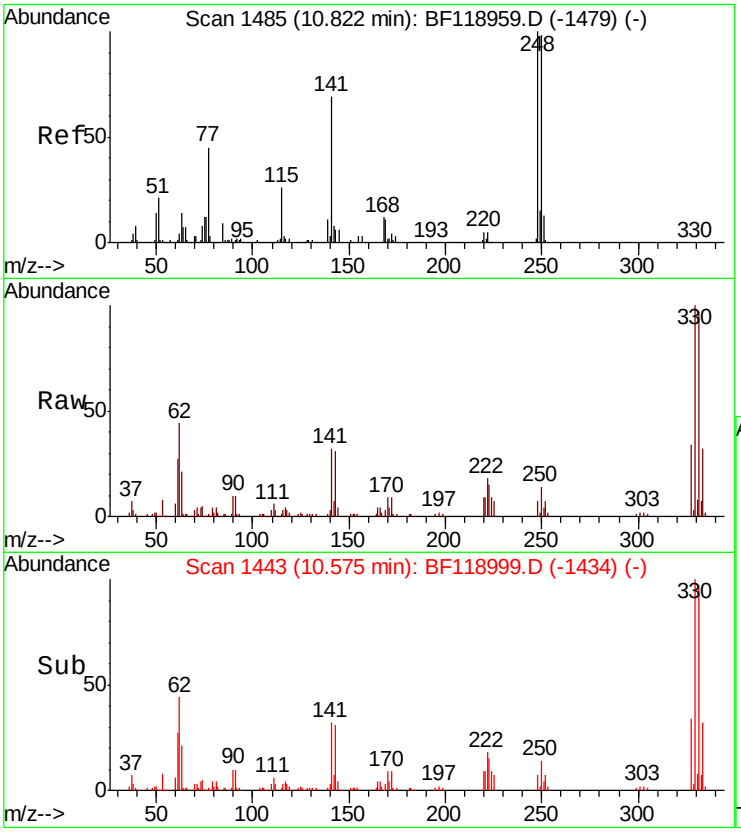


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Tgt Ion:188 Resp: 394832

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.9	7.9	11.9



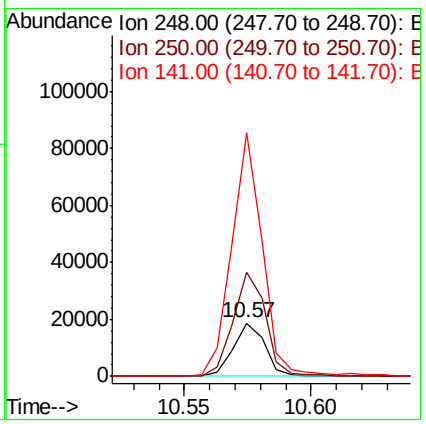


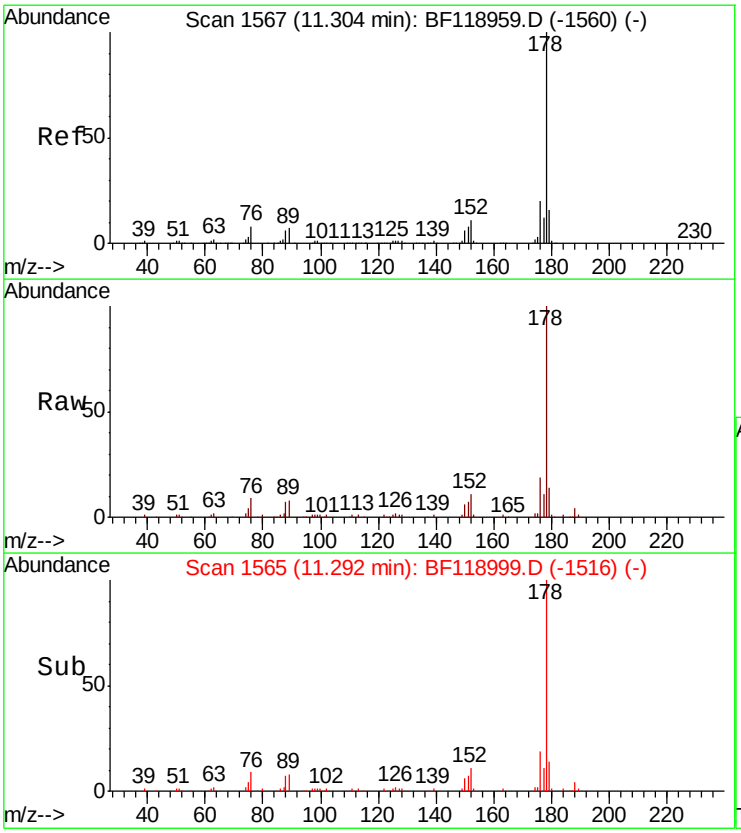
#67
4-Bromophenyl-phenylether
Concen: 3.123 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 16116

Ion	Ratio	Lower	Upper
248	100		
250	194.1	78.8	118.2#
141	456.5	55.3	82.9#

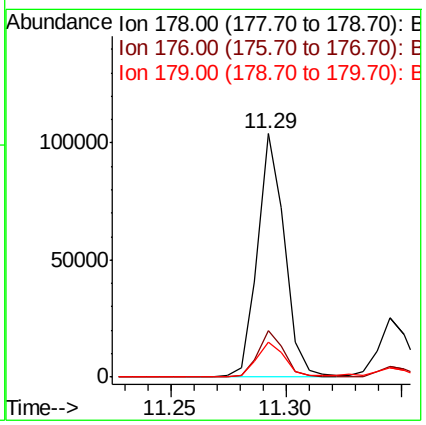


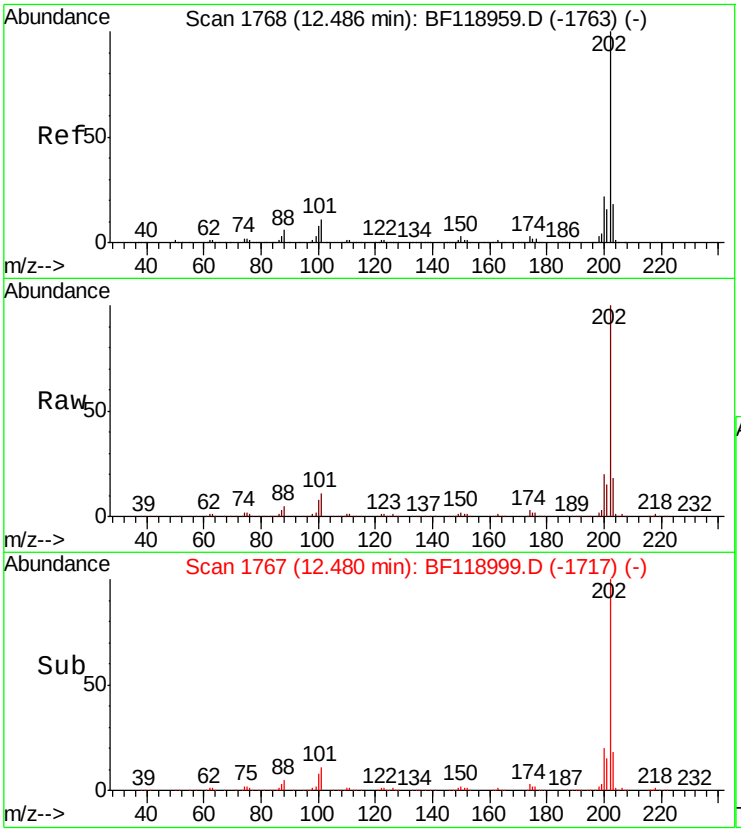


#71
Phenanthrene
Concen: 3.955 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Tgt Ion:178 Resp: 85156

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	14.3	12.6	18.8



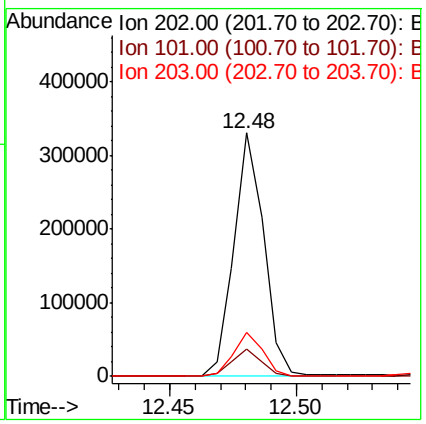


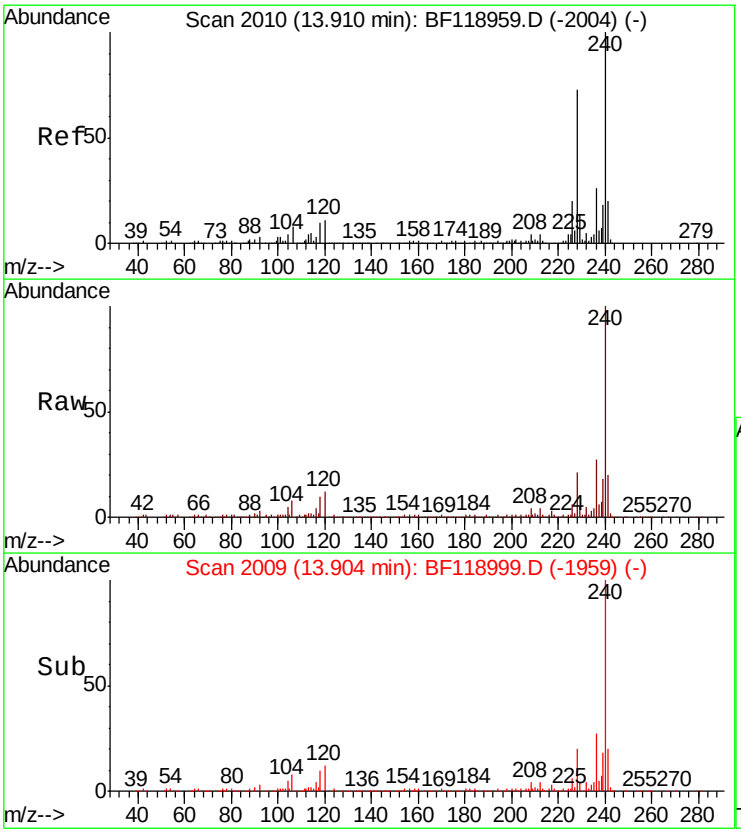
#75
Fluoranthene
Concen: 11.924 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 272532

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	17.9	0.0	38.1

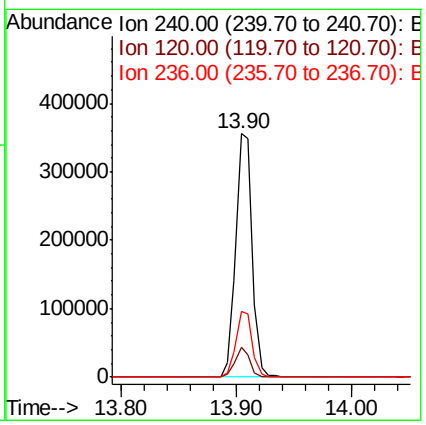


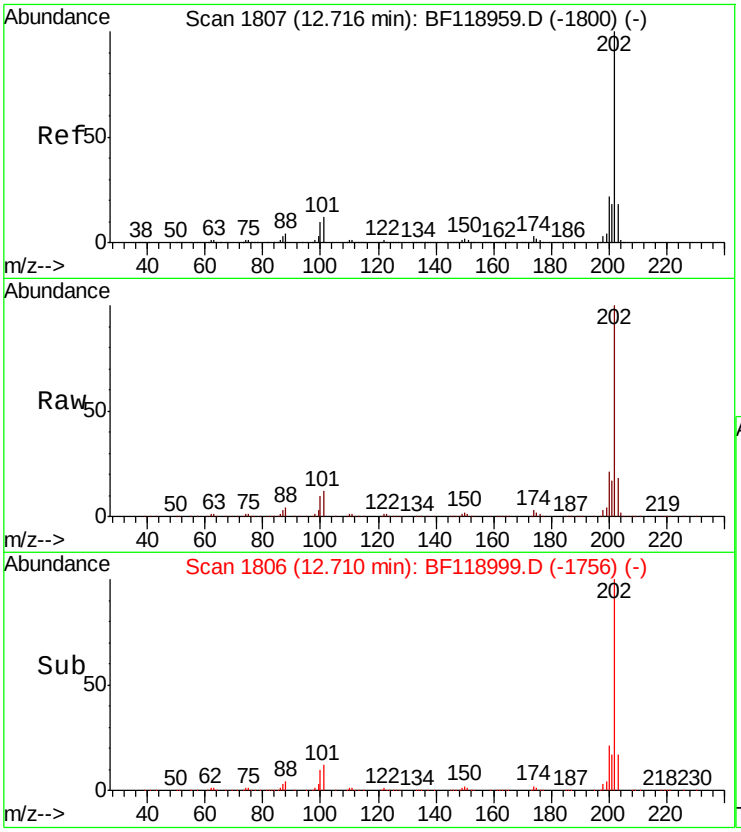


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Tgt Ion:240 Resp: 352547

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.9	13.3
236	26.9	20.6	30.8



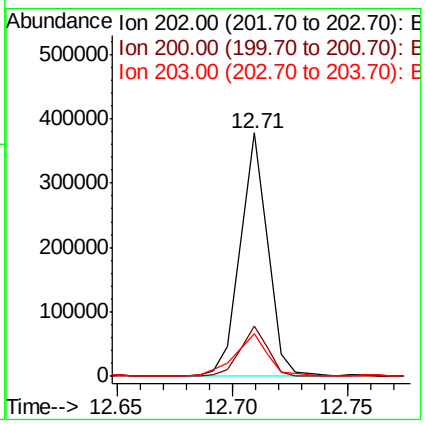


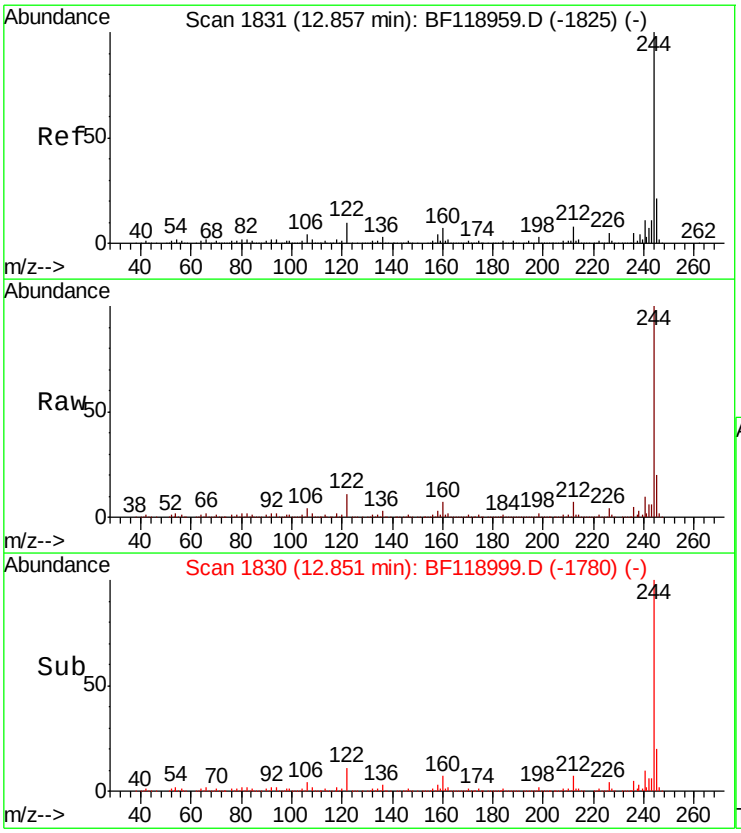
#78
Pyrene
Concen: 11.168 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 316164

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.0
203	17.7	14.5	21.7

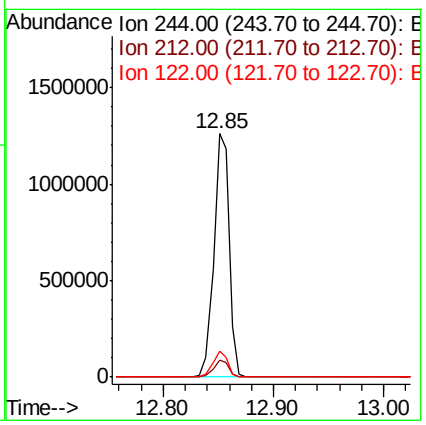


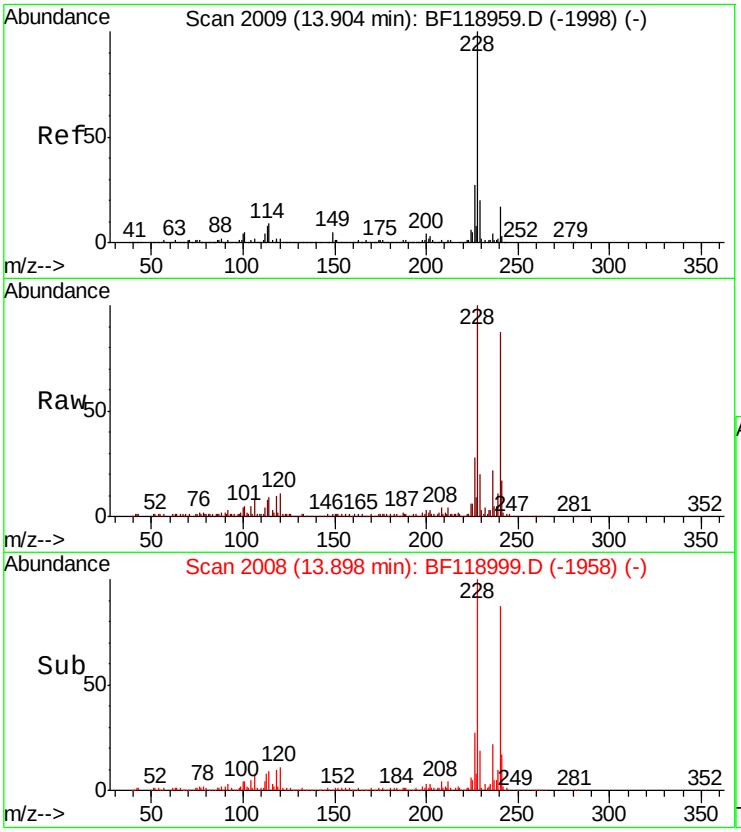


#79
Terphenyl-d14
Concen: 58.791 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Tgt Ion:244 Resp: 1203859

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.3	9.5
122	10.7	8.4	12.6



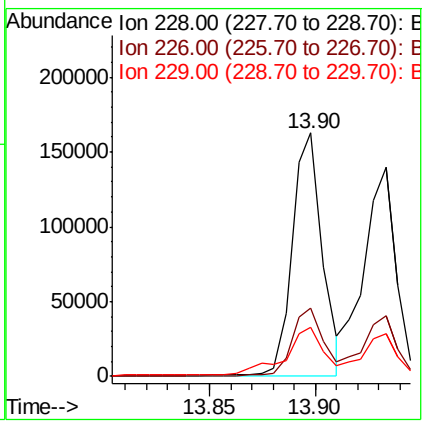


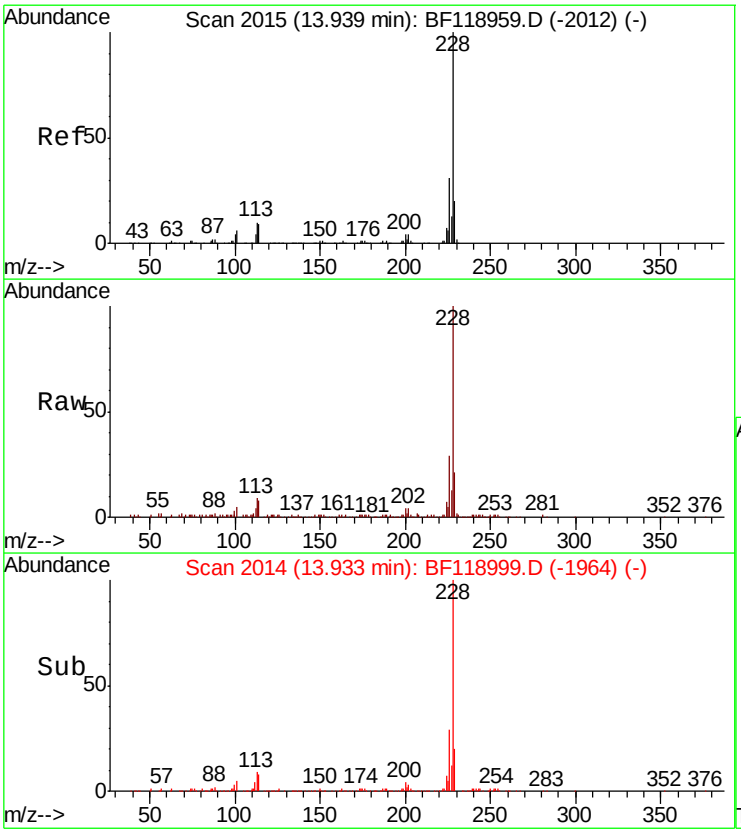
#81
Benzo(a)anthracene
Concen: 6.698 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 160889

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.2	16.0	24.0

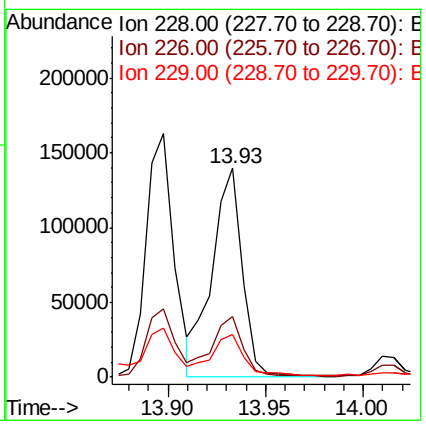


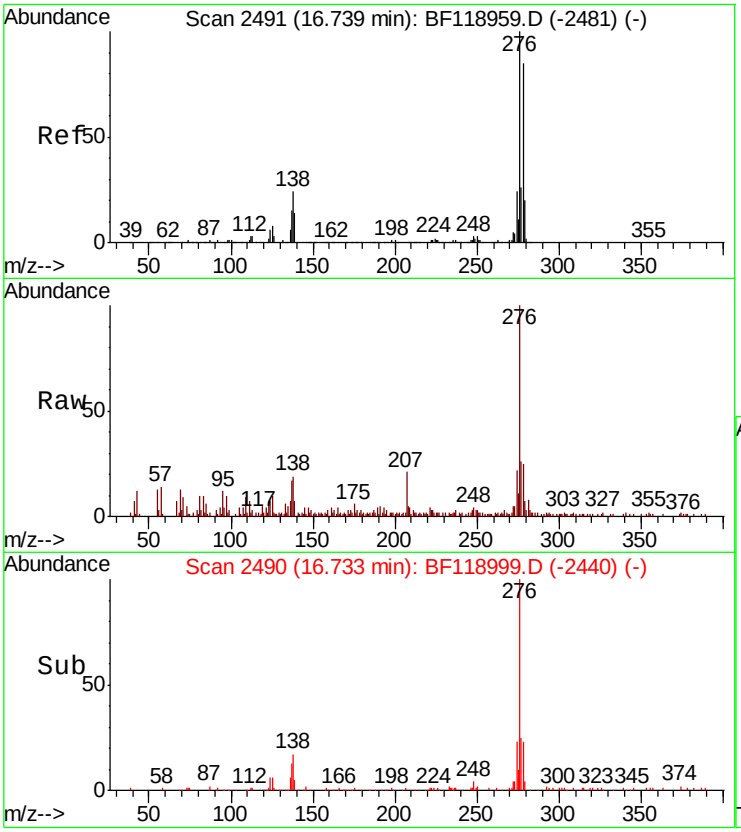


#83
Chrysene
Concen: 6.253 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Tgt Ion:228 Resp: 149667

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.6	37.0
229	20.7	16.2	24.2



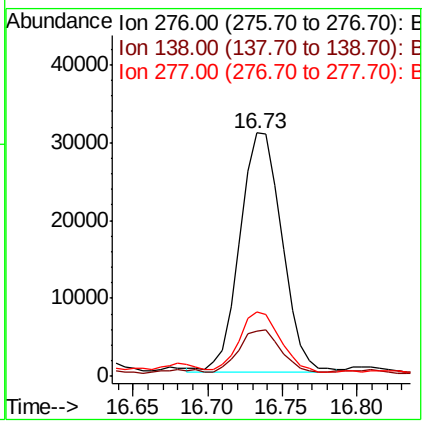


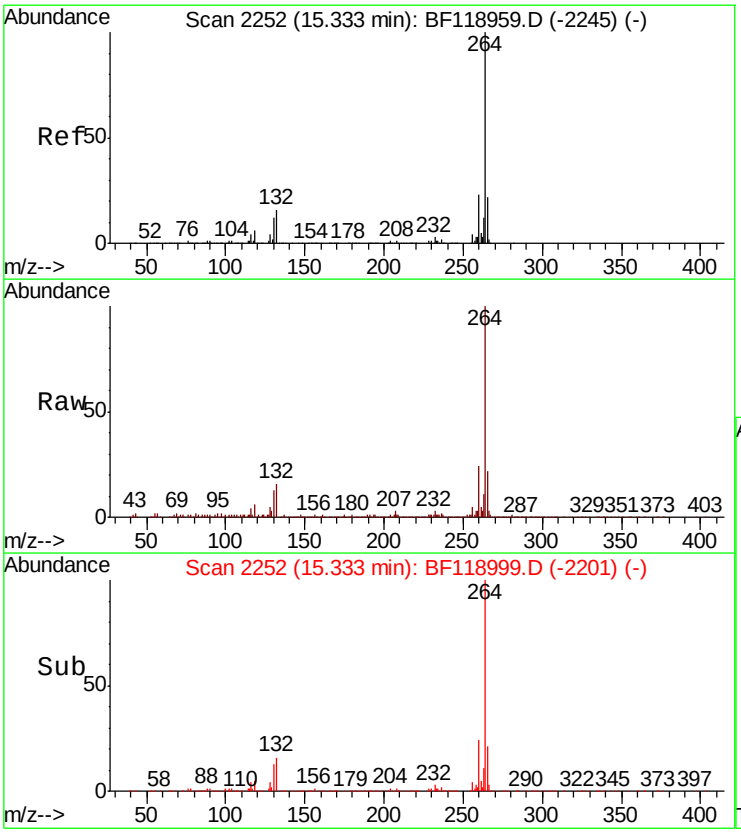
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.611 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 60501

Ion	Ratio	Lower	Upper
276	100		
138	18.6	18.7	28.1#
277	24.3	20.3	30.5

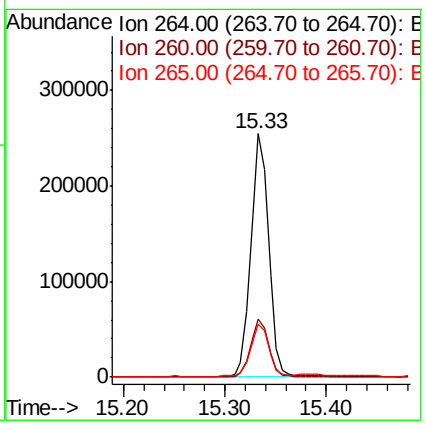


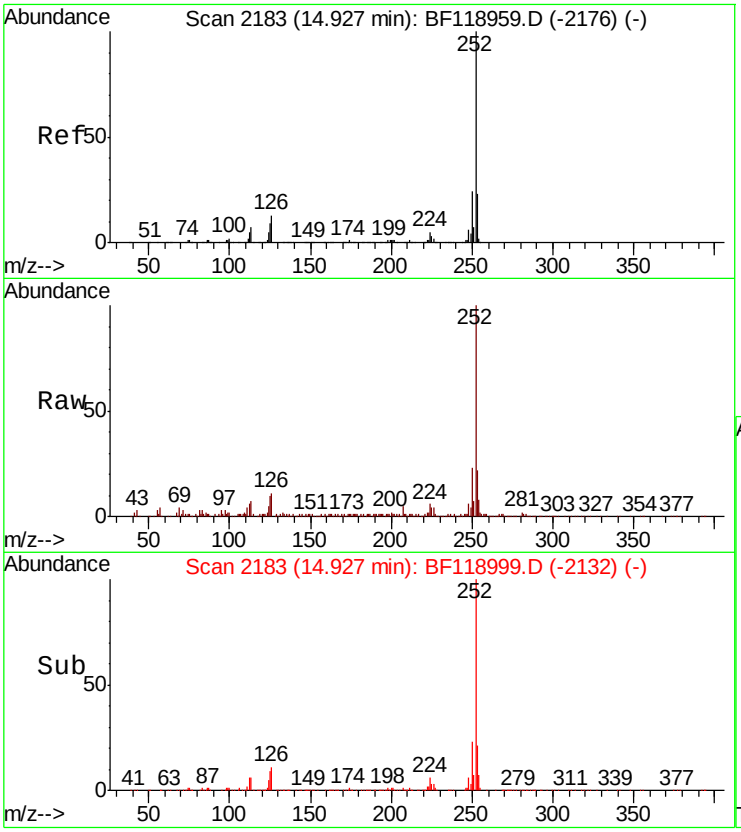


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Tgt Ion:264 Resp: 313919

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.6	17.3	25.9



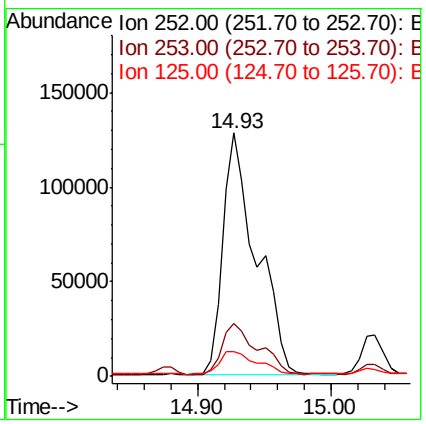


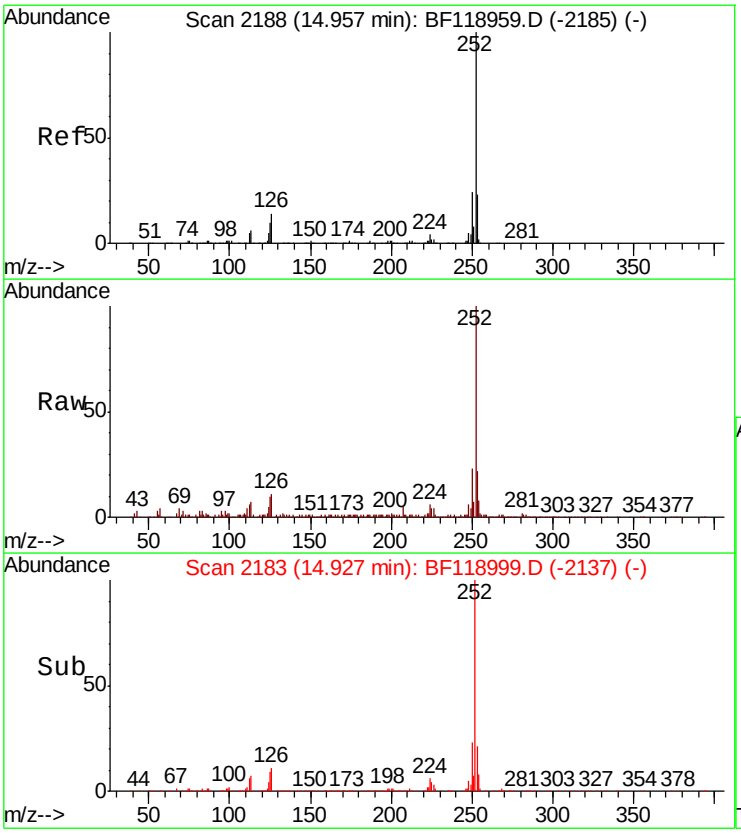
#88
Benzo(b)fluoranthene
Concen: 10.847 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 224434

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.2	7.4	11.0

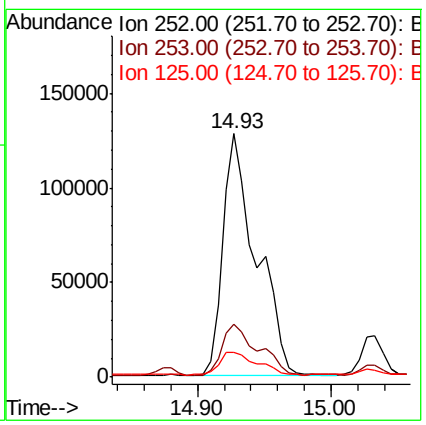


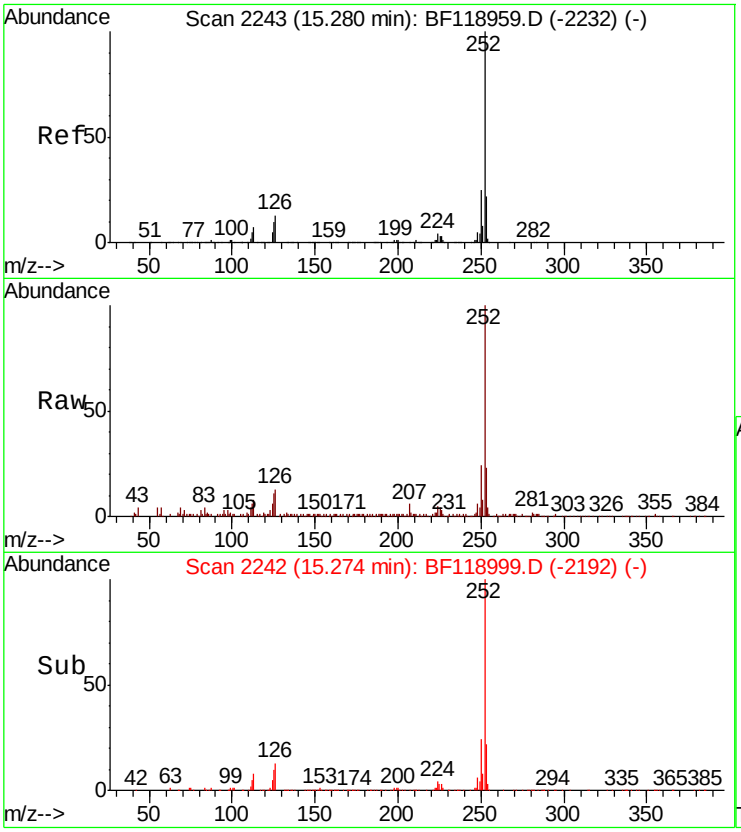


#89
Benzo(k)fluoranthene
Concen: 11.704 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Tgt Ion:252 Resp: 224434

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.2	7.3	10.9





#90
Benzo(a)pyrene
Concen: 6.400 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF118999.D
Acq: 21 Feb 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 119511

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	11.0	7.8	11.6