Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119002.D
Acq On : 21 Feb 2020 19:49
Operator : CG/JU
Sample : L1606-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 24 02:21:56 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	144023	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	501096	20.00	ng		-0.01
39) Acenaphthene-d10	9.79	164	229894	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	389823	20.00	ng		0.00
76) Chrysene-d12	13.90	240	360539	20.00	ng		0.00
87) Perylene-d12	15.33	264	329037	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	767605	89.07	ng		0.00
7) Phenol-d6	6.40	99	902163	86.07	ng		0.00
23) Nitrobenzene-d5	7.32	82	562861	59.31	ng		-0.01
42) 2,4,6-Tribromophenol	10.57	330	227636	75.69	ng		0.00
45) 2-Fluorobiphenyl	9.11	172	971667	62.26	ng		-0.01
79) Terphenyl-d14	12.85	244	1051169	50.20	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	75780	12.408	ng	#	76
25) Isophorone	7.32	82	562930	34.154	ng	#	63
50) Dimethylphthalate	9.50	163	67186	3.822	ng		99
51) 2,6-Dinitrotoluene	9.79	165	29525	7.560	ng	#	30
57) 2,4-Dinitrotoluene	9.79	165	29525	5.832	ng	#	29
67) 4-Bromophenyl-phenylether	10.57	248	14224	2.791	ng	#	1
71) Phenanthrene	11.29	178	46047	2.166	ng		99
75) Fluoranthene	12.48	202	85519	3.790	ng		99
78) Pyrene	12.71	202	88623	3.061	ng		99
83) Chrysene	13.93	228	49559	2.025	ng		97
88) Benzo(b)fluoranthene	14.93	252	65691	3.029	ng	#	97
89) Benzo(k)fluoranthene	14.93	252	65691	3.268	ng	#	96

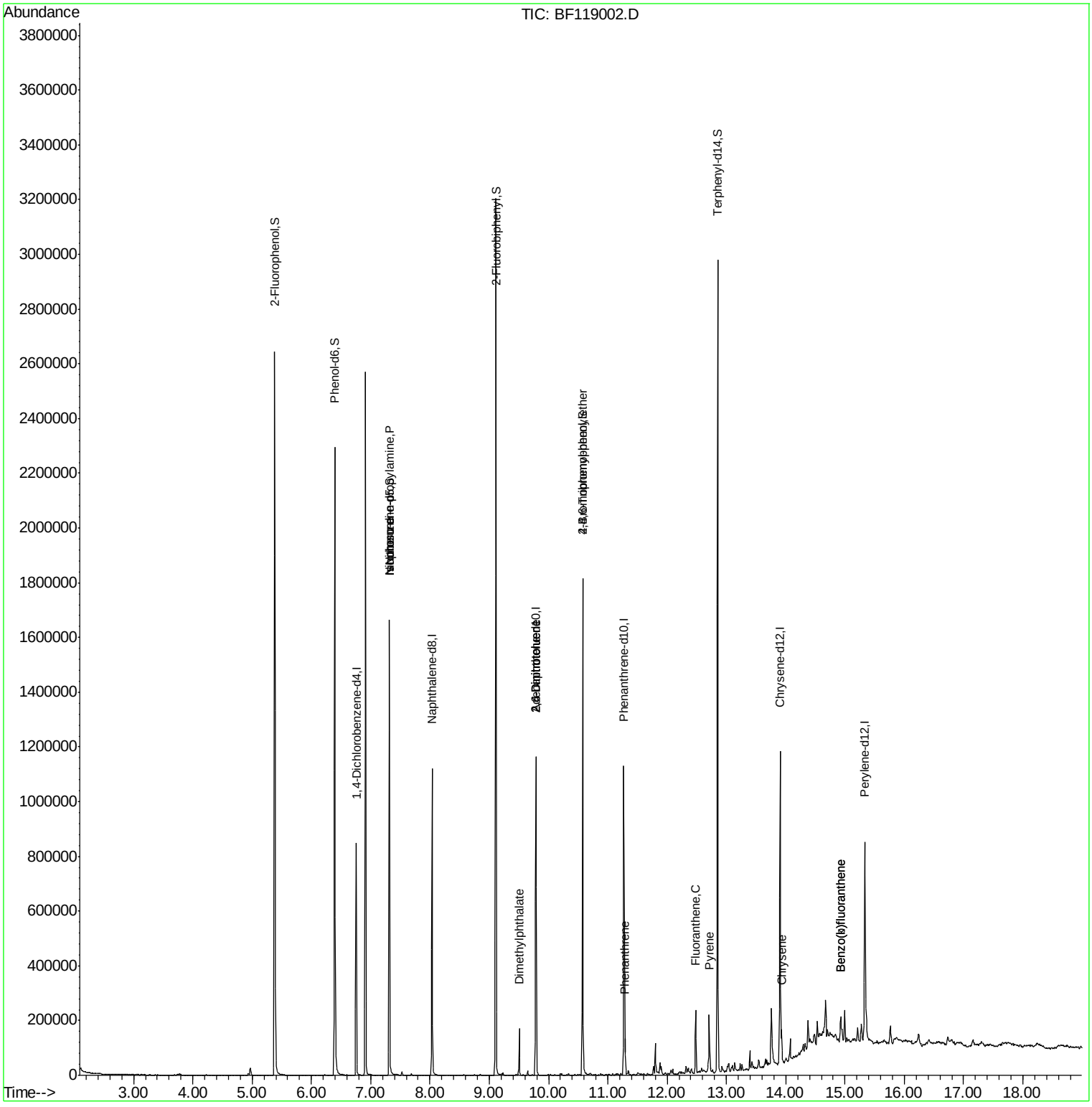
(#) = qualifier out of range (m) = manual integration (+) = signals summed

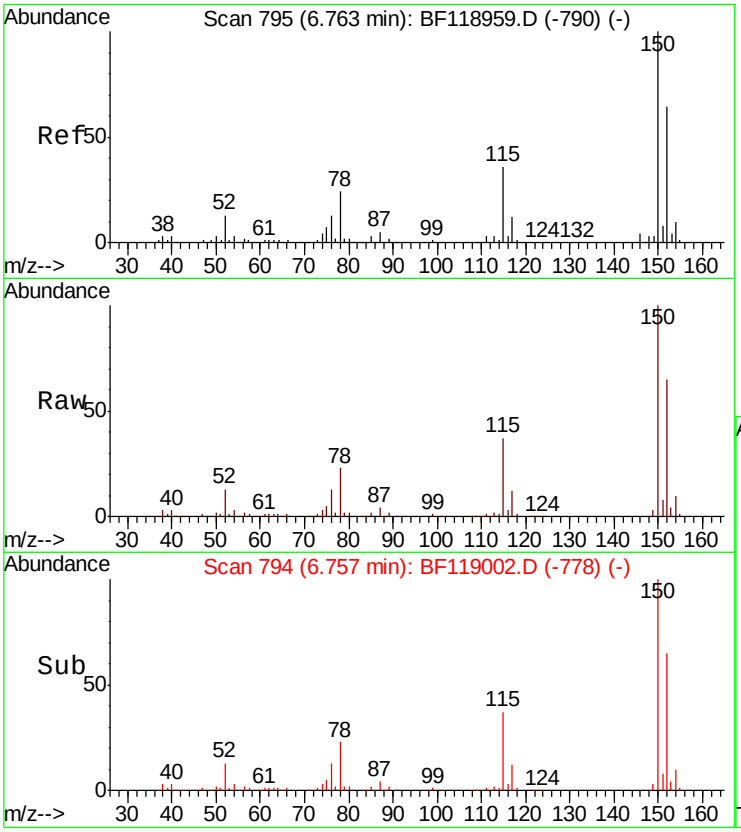
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119002.D
Acq On : 21 Feb 2020 19:49
Operator : CG/JU
Sample : L1606-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 24 02:21:56 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



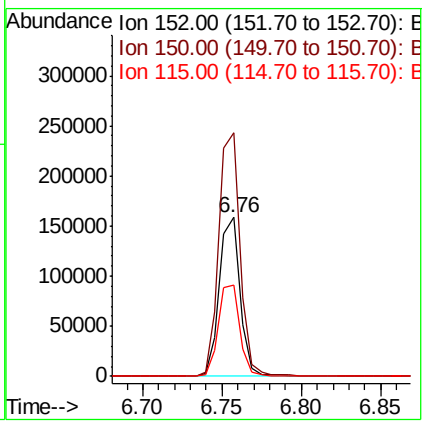


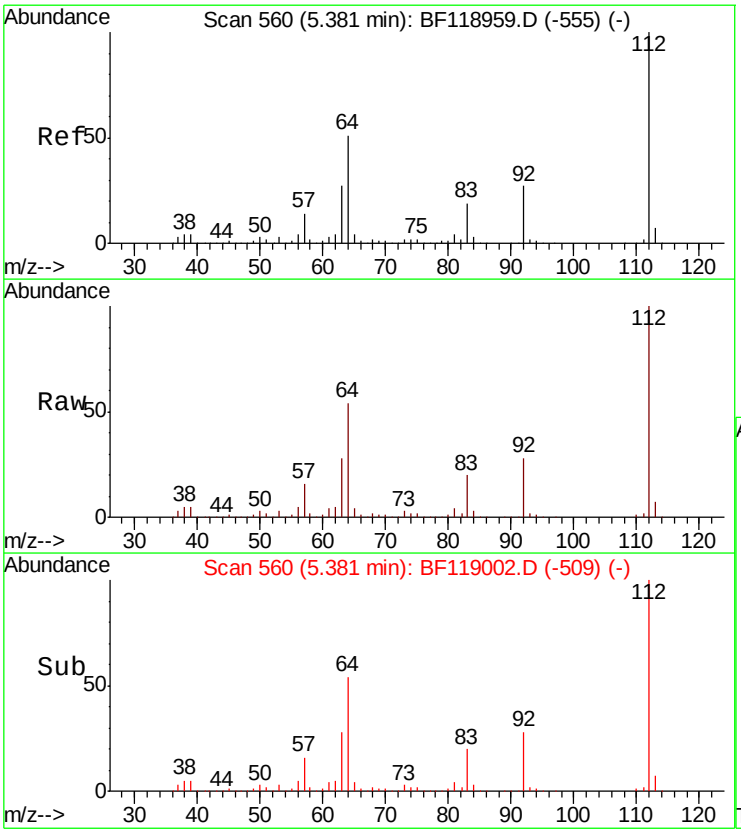
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 144023

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.3	186.5
115	57.3	44.6	67.0

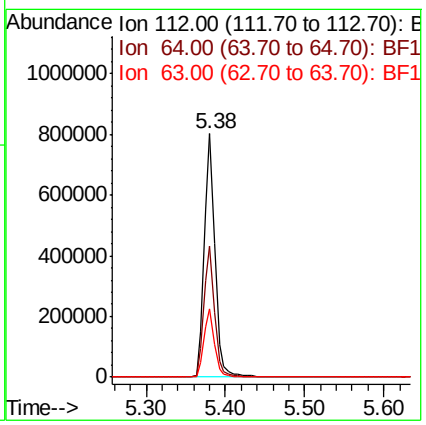


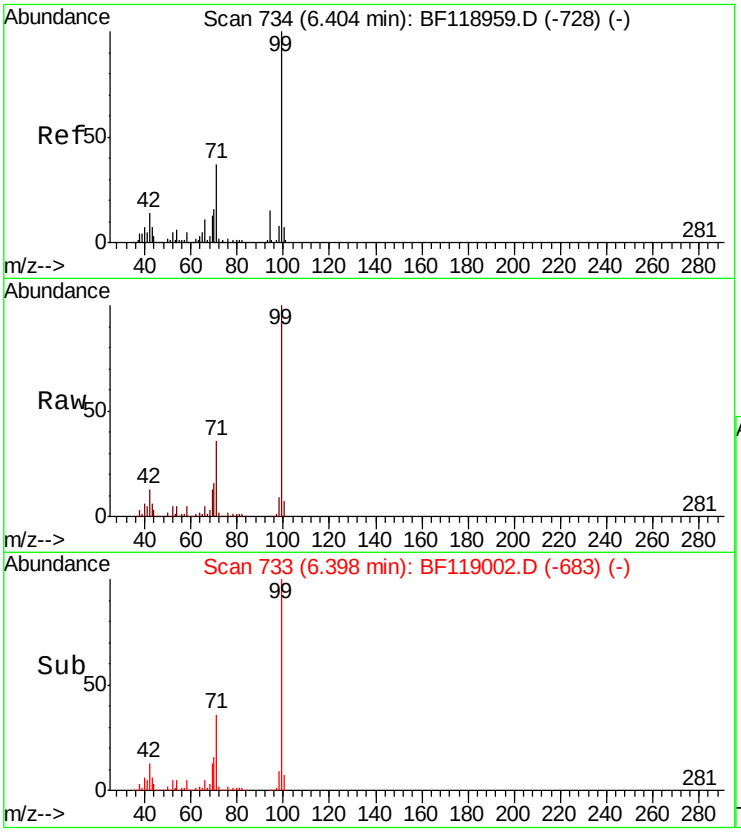


#5
2-Fluorophenol
Concen: 89.069 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion:112 Resp: 767605

Ion	Ratio	Lower	Upper
112	100		
64	53.6	40.4	60.6
63	28.0	21.3	31.9



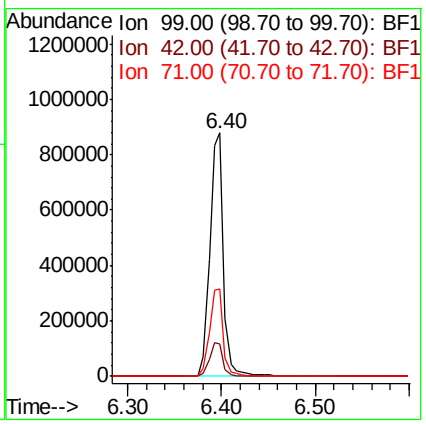


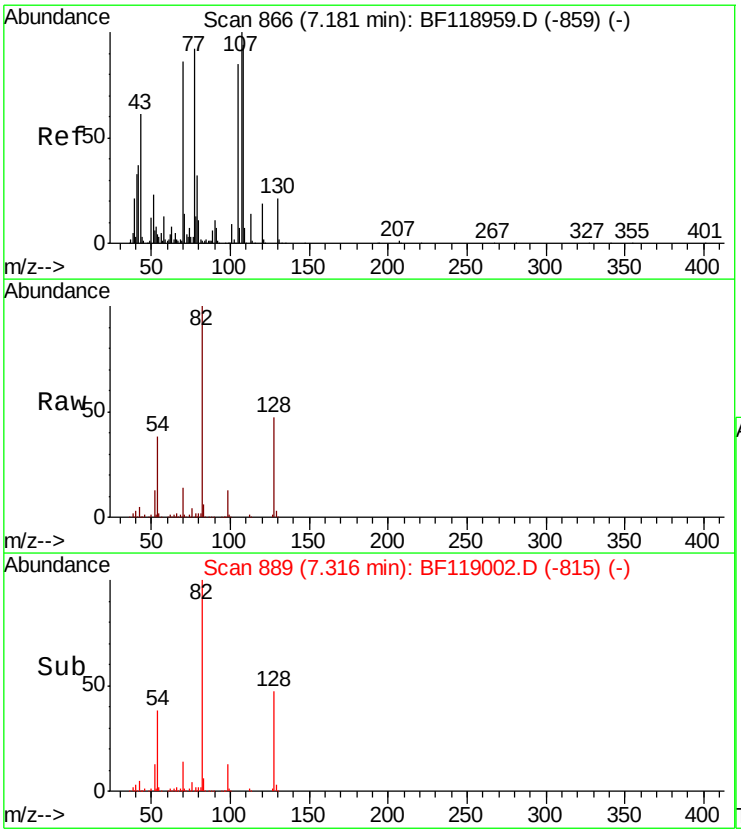
#7
Phenol-d6
Concen: 86.075 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 902163

Ion	Ratio	Lower	Upper
99	100		
42	13.4	11.4	17.0
71	35.9	29.8	44.6

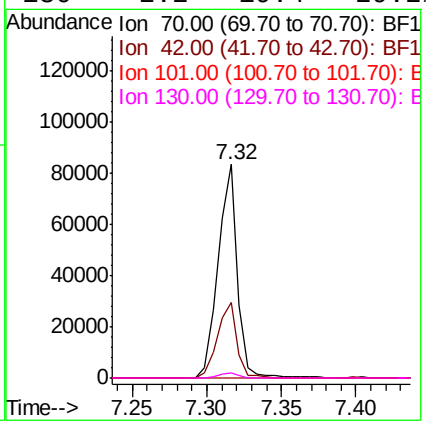


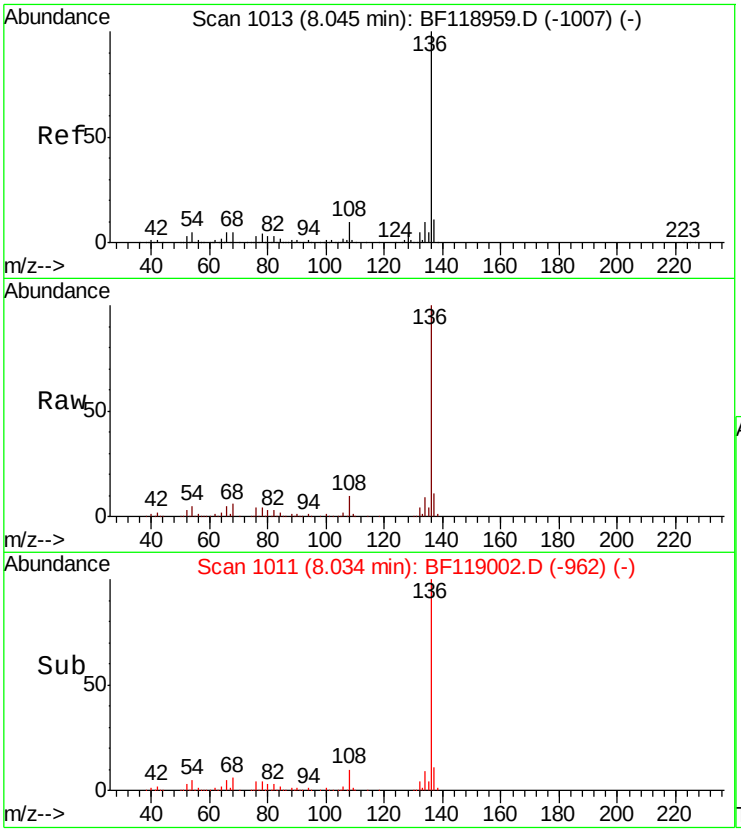


#19
n-Nitroso-di-n-propylamine
Concen: 12.408 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion: 70 Resp: 75780

Ion	Ratio	Lower	Upper
70	100		
42	35.3	34.6	51.8
101	0.0	8.1	12.1#
130	2.2	19.4	29.2#



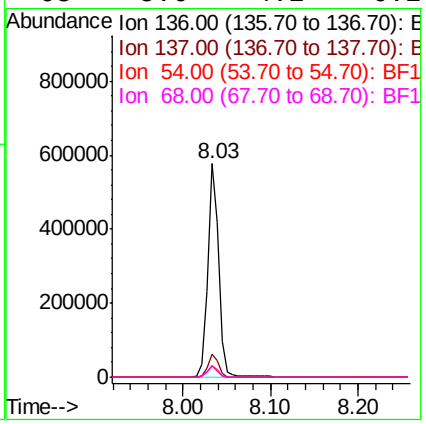


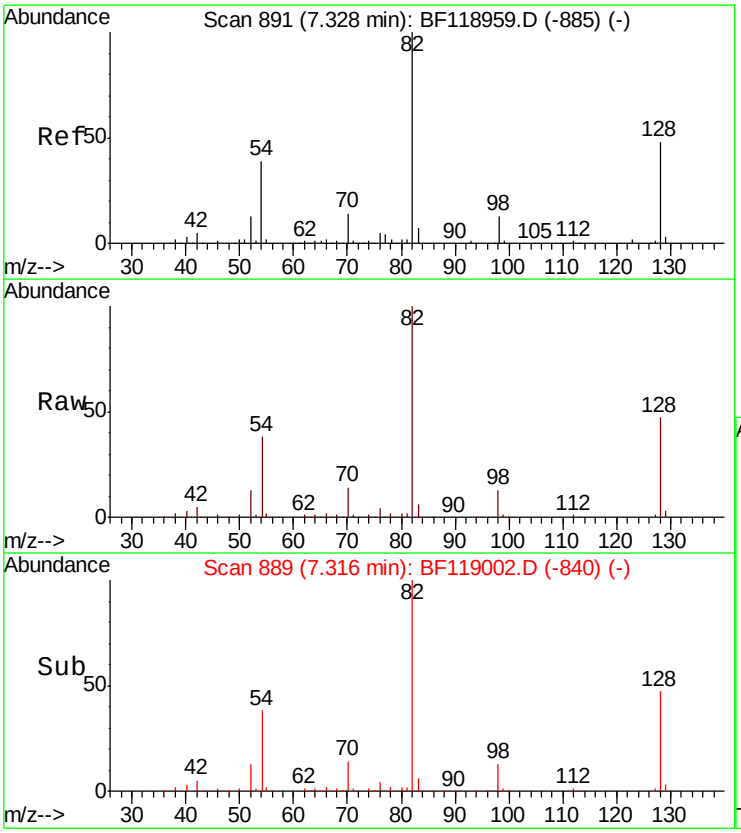
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 501096

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.3	3.8	5.6
68	5.6	4.2	6.2

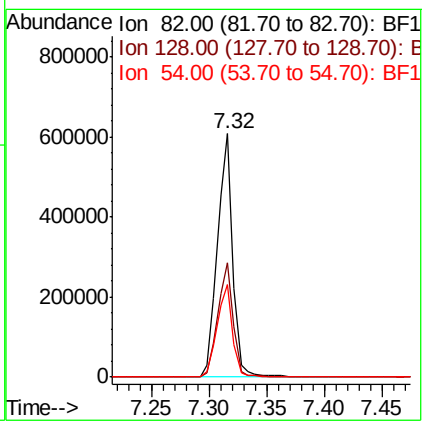


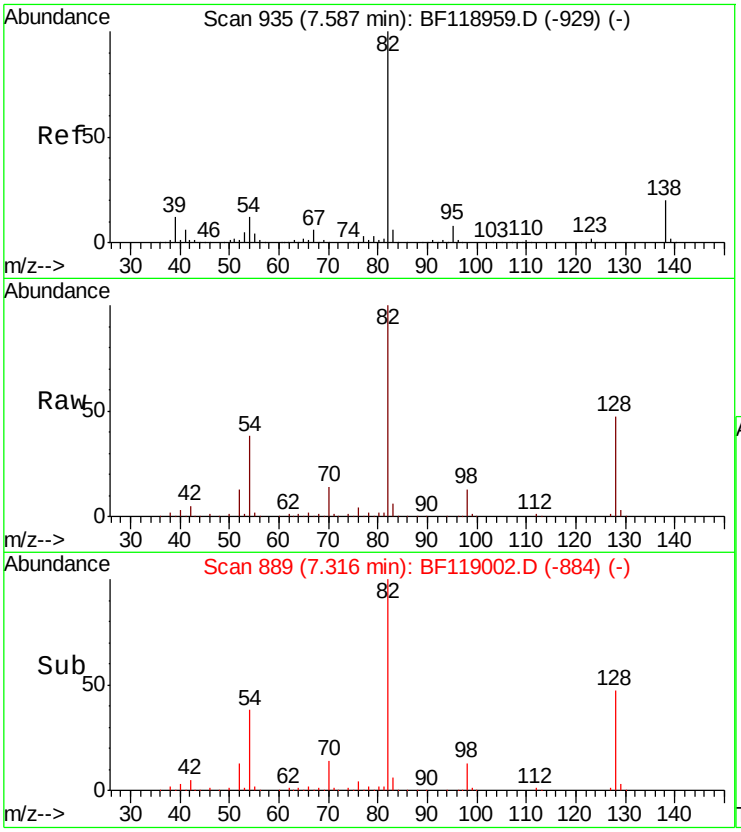


#23
Nitrobenzene-d5
Concen: 59.308 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion: 82 Resp: 562861

Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.2	57.2
54	37.9	31.3	46.9



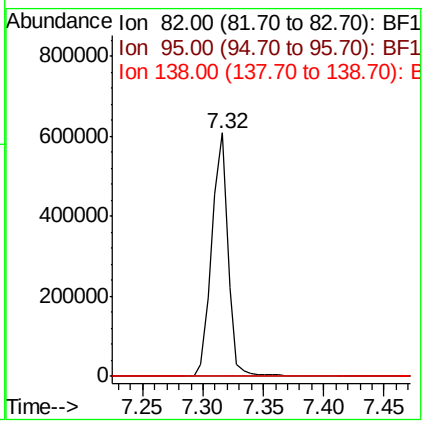


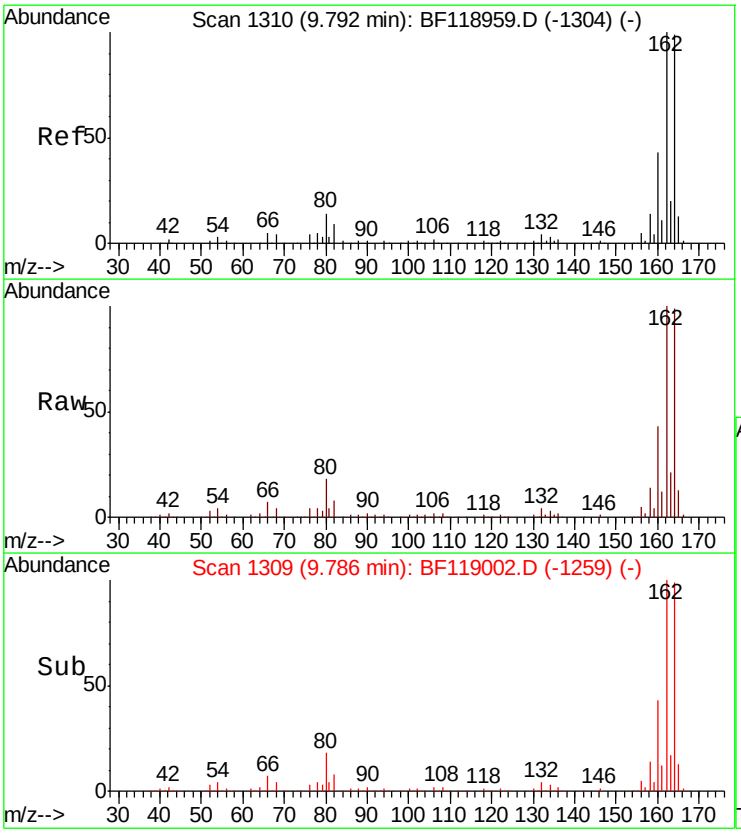
#25
Isophorone
Concen: 34.154 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 562930

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

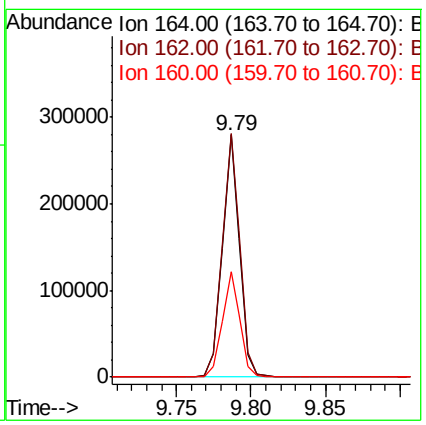


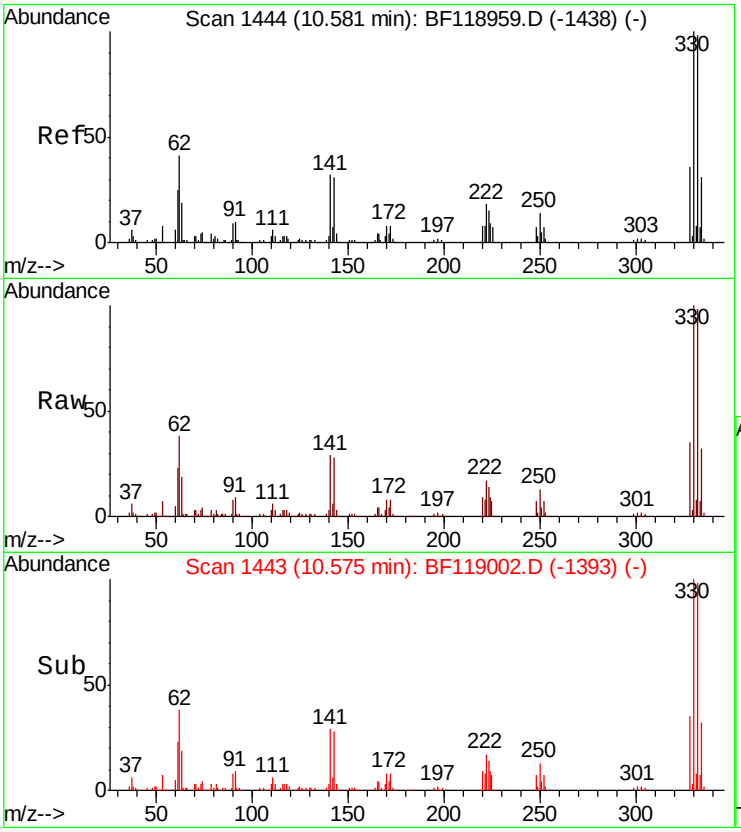


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion:164 Resp: 229894

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.2	121.8
160	43.6	35.2	52.8



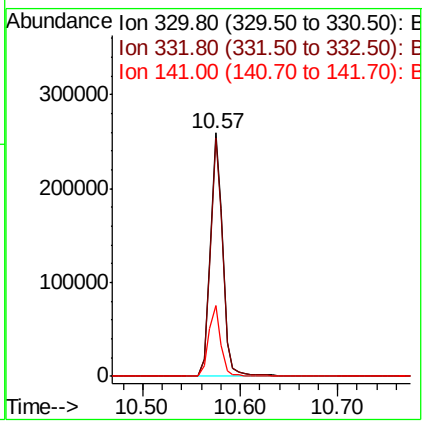


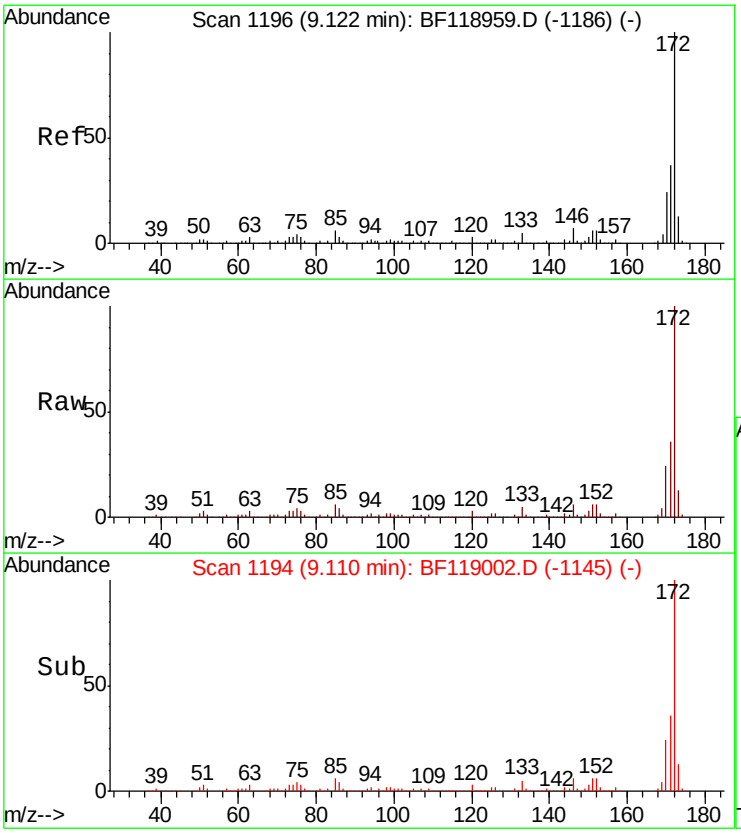
#42
2,4,6-Tribromophenol
Concen: 75.692 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 227636

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	28.4	23.0	34.6

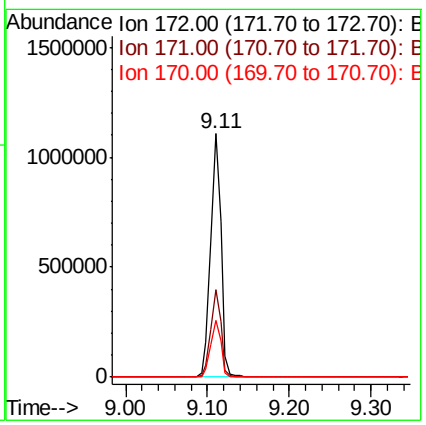


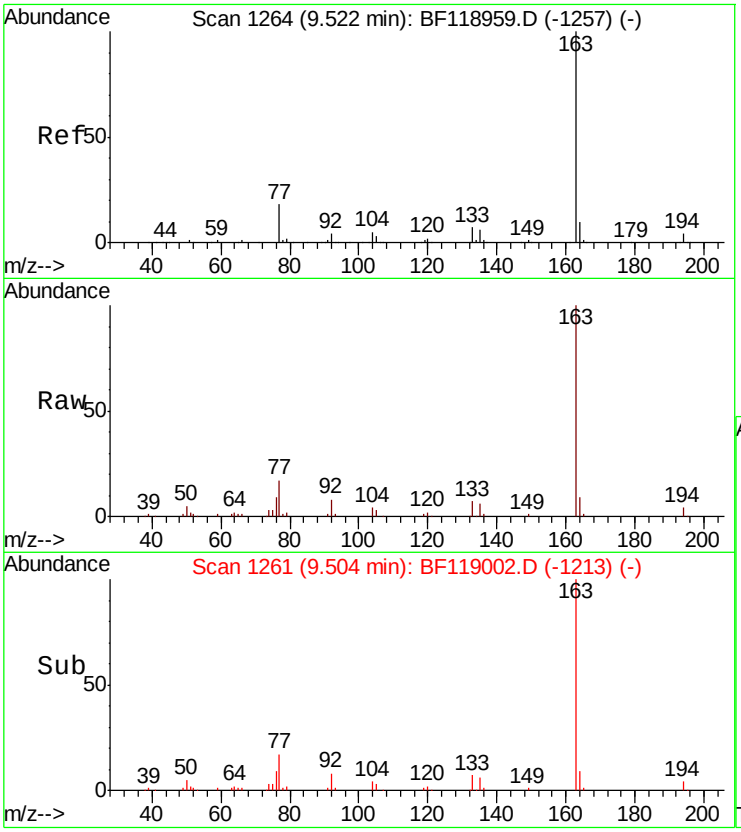


#45
2-Fluorobiphenyl
Concen: 62.265 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion:172 Resp: 971667

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	23.5	19.6	29.4

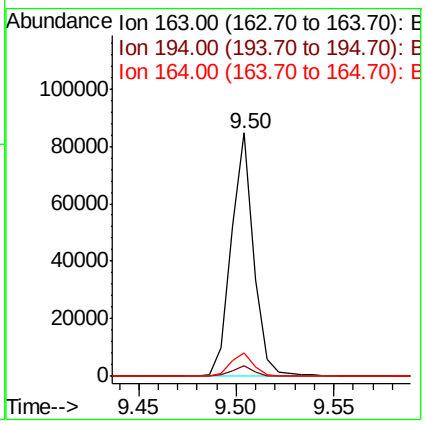




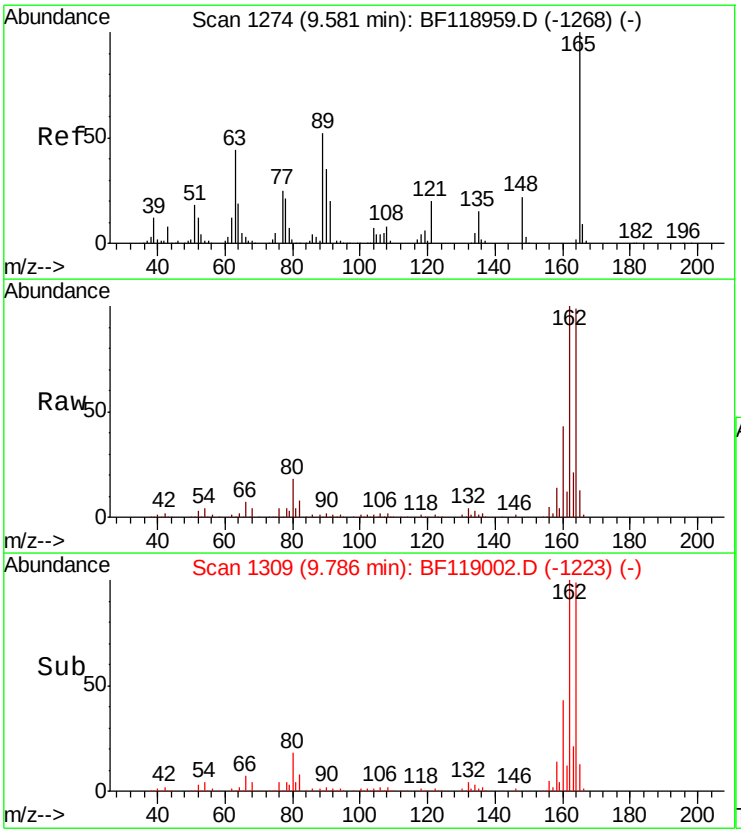
#50
Dimethylphthalate
Concen: 3.822 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion:163 Resp: 67186

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.5	8.2	12.2



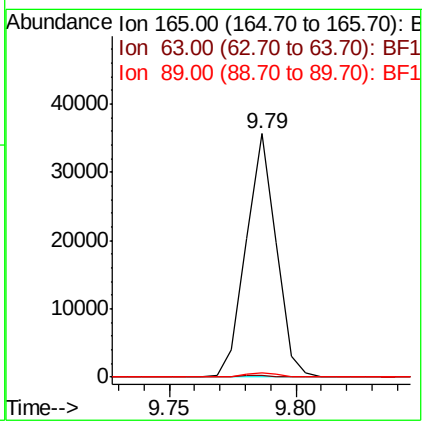
Instrument :
BNA_F
ClientSampleId :

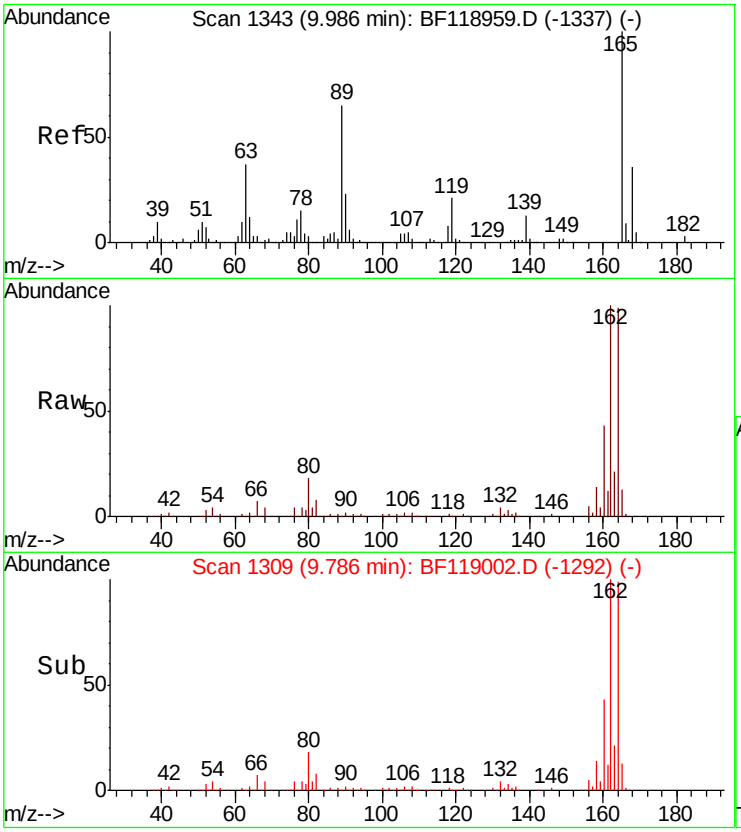


#51
2,6-Dinitrotoluene
Concen: 7.560 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion:165 Resp: 29525

Ion	Ratio	Lower	Upper
165	100		
63	0.9	37.9	56.9#
89	1.5	41.4	62.0#



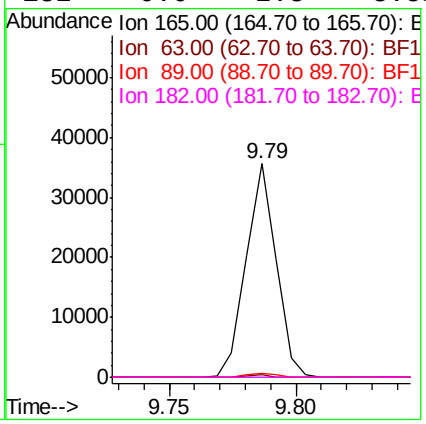


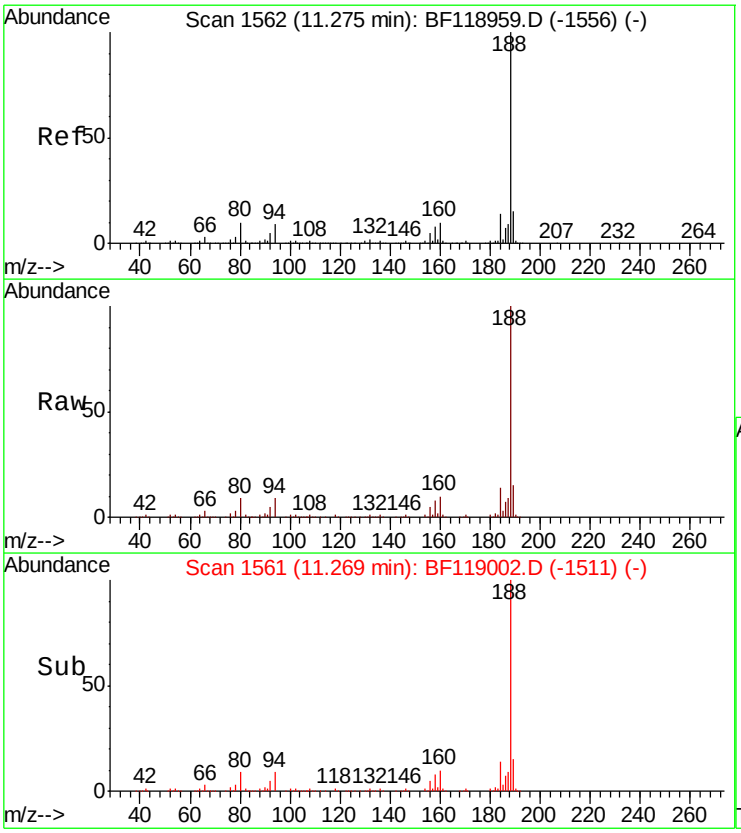
#57
2,4-Dinitrotoluene
Concen: 5.832 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29525

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.8#
89	1.5	51.9	77.9#
182	0.0	2.3	3.5#

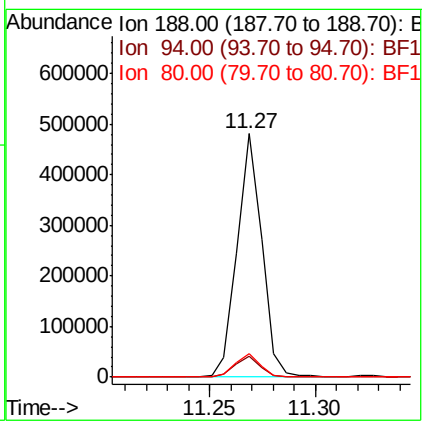


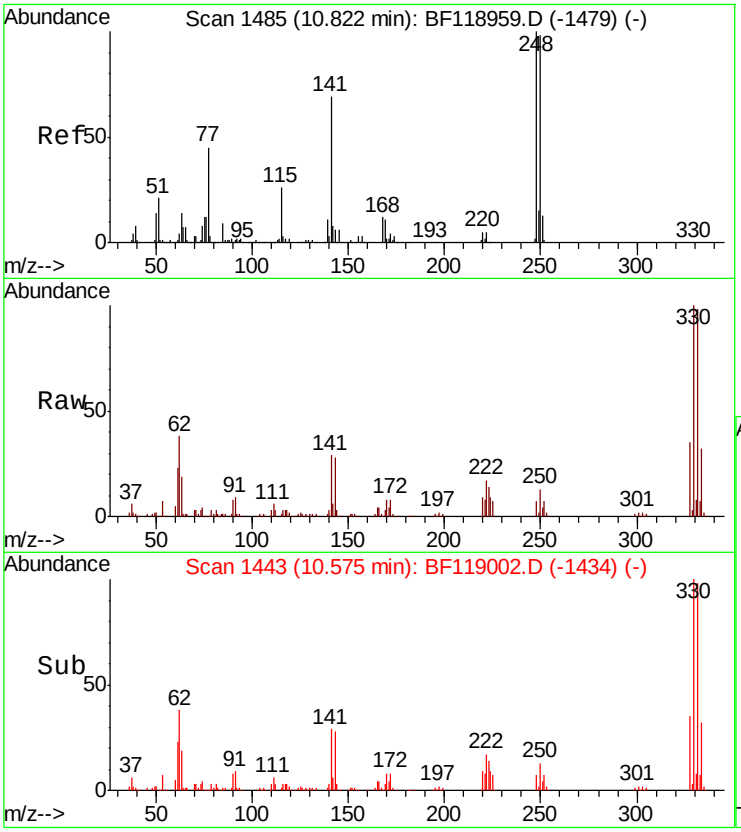


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion:188 Resp: 389823

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	9.4	7.9	11.9



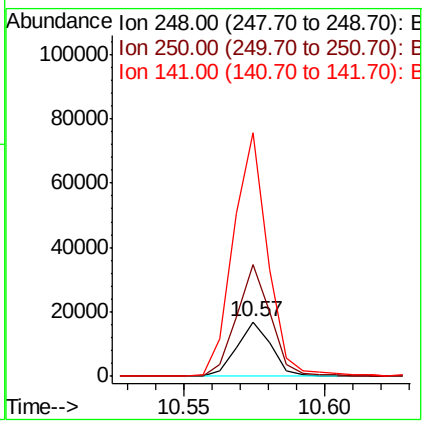


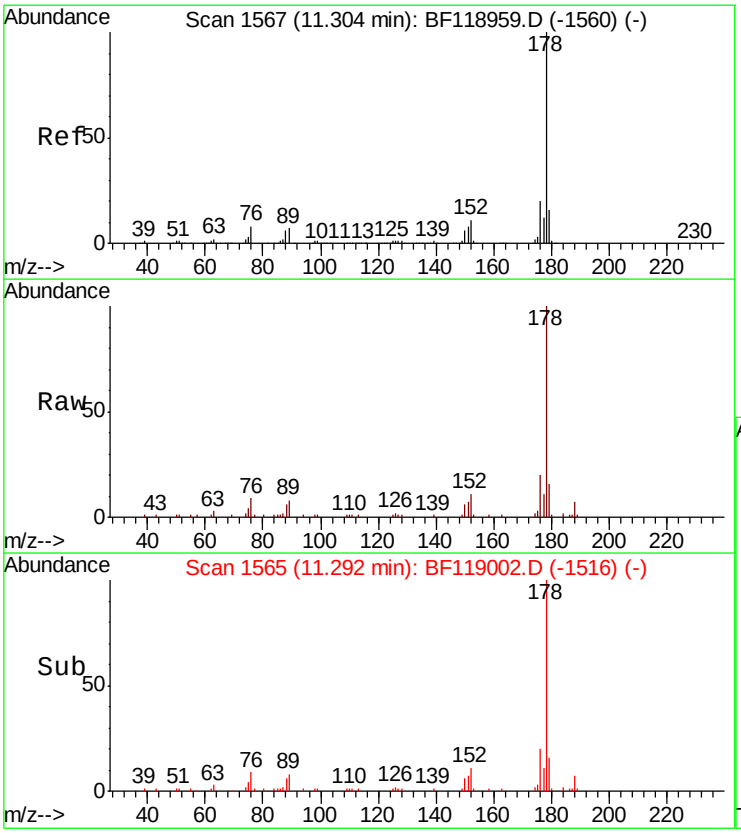
#67
4-Bromophenyl-phenylether
Concen: 2.791 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14224

Ion	Ratio	Lower	Upper
248	100		
250	206.8	78.8	118.2#
141	448.1	55.3	82.9#

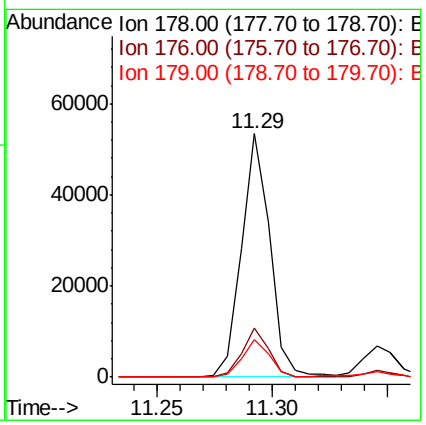


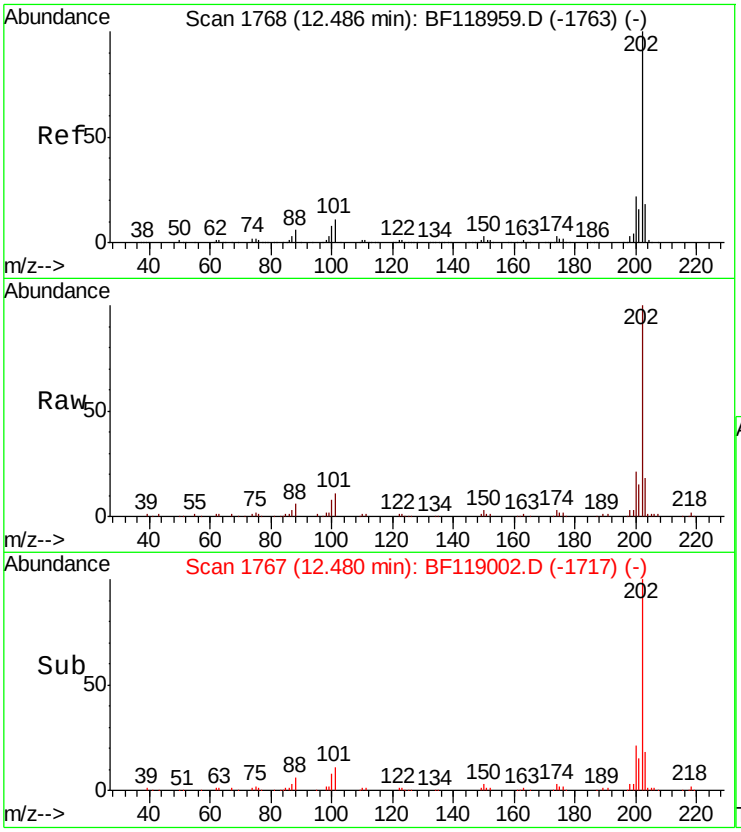


#71
Phenanthrene
Concen: 2.166 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion:178 Resp: 46047

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	15.5	12.6	18.8



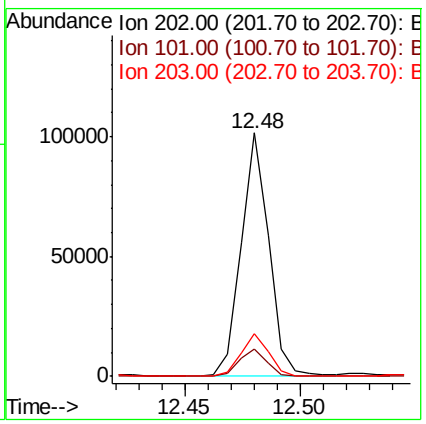


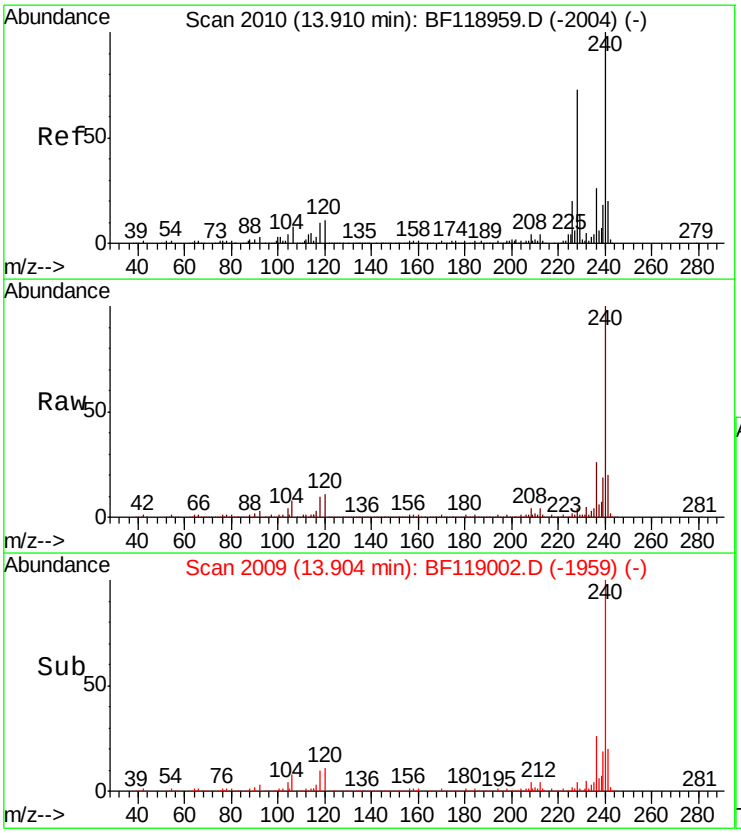
#75
Fluoranthene
Concen: 3.790 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 85519

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.1
203	17.6	0.0	38.1

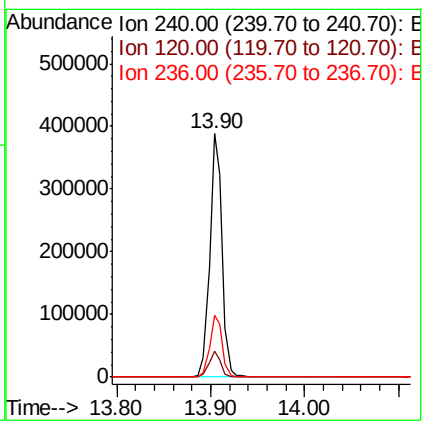


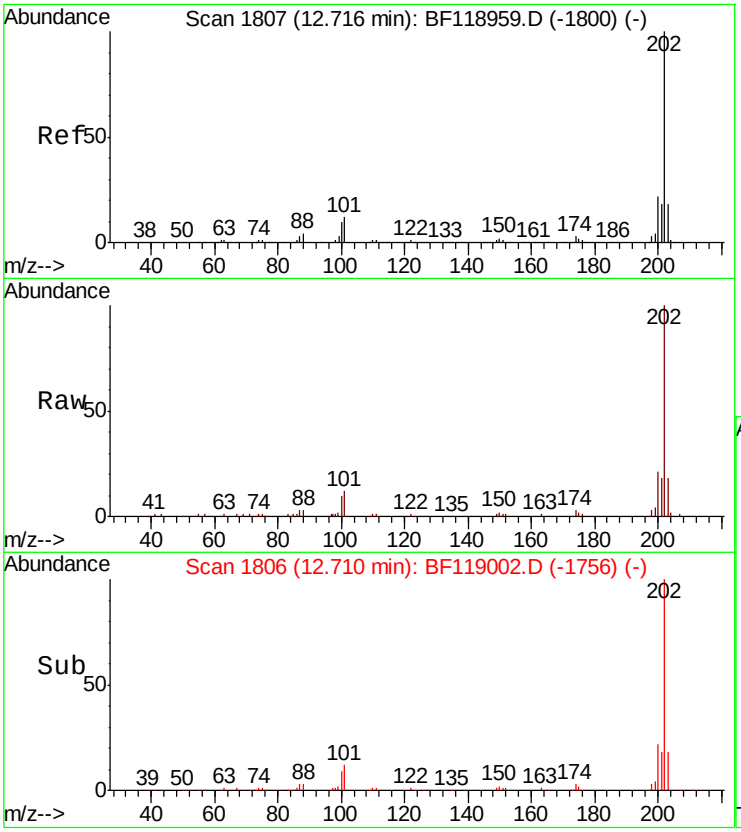


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion:240 Resp: 360539

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	25.6	20.6	30.8



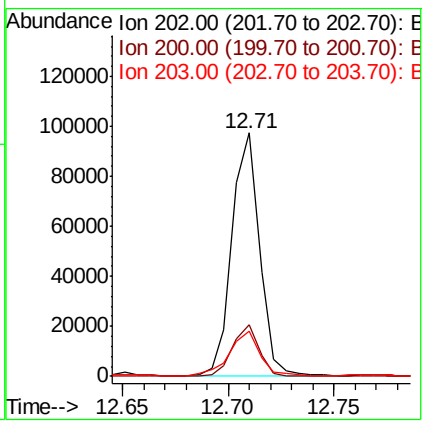


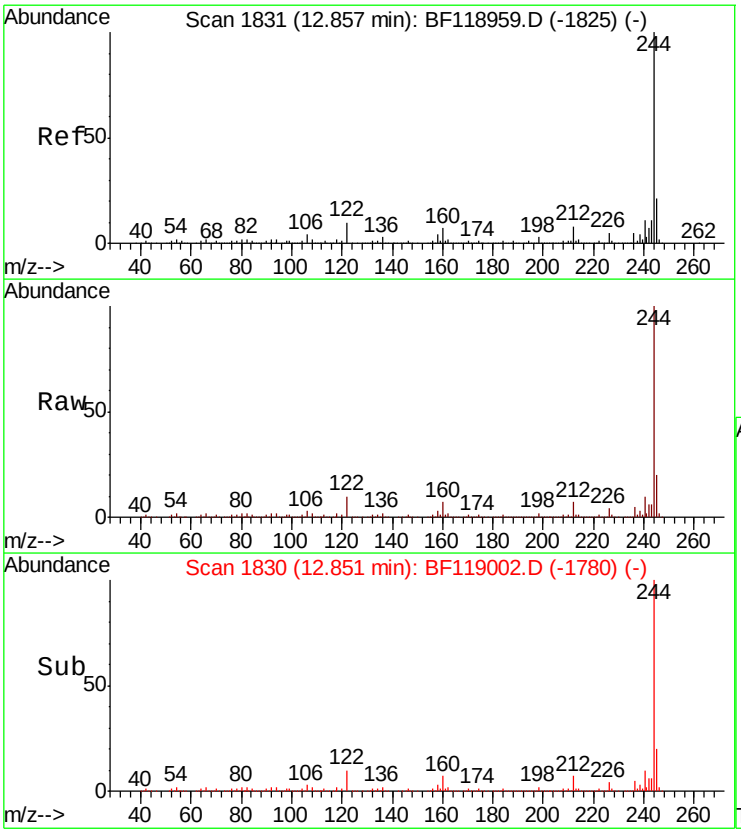
#78
Pyrene
Concen: 3.061 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 88623

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.0
203	18.4	14.5	21.7

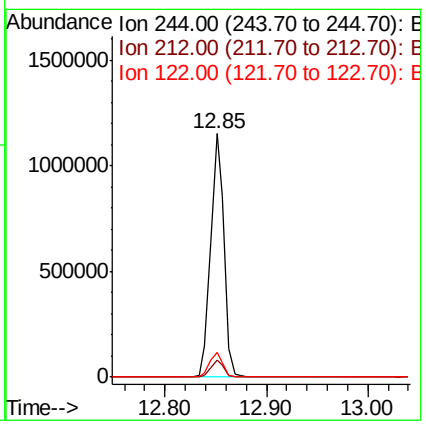


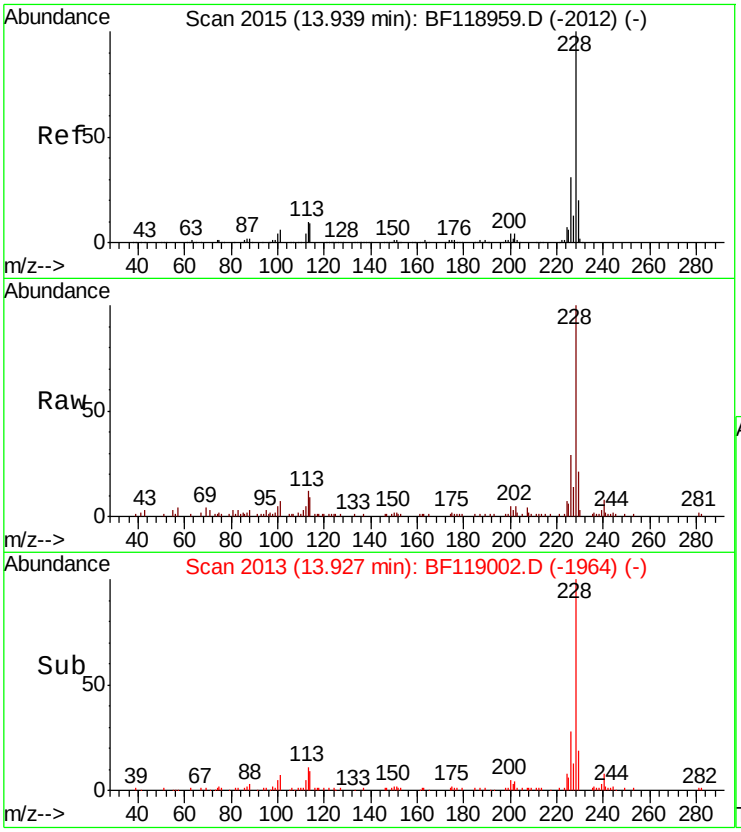


#79
Terphenyl-d14
Concen: 50.196 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion:244 Resp: 1051169

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	10.1	8.4	12.6



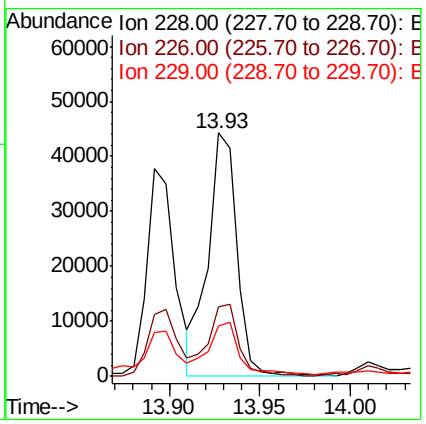


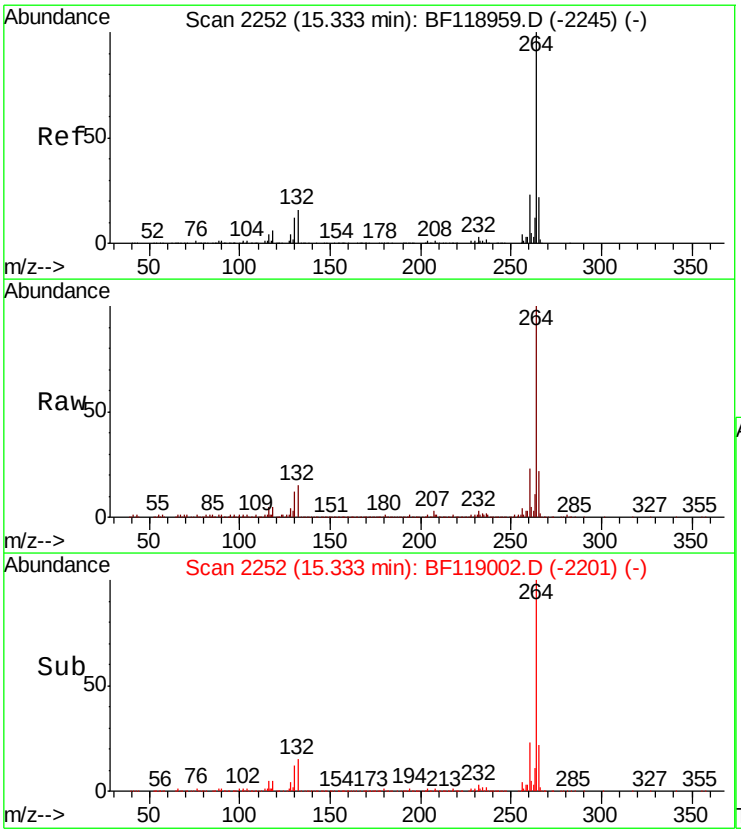
#83
Chrysene
Concen: 2.025 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 49559

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.6	37.0
229	20.9	16.2	24.2

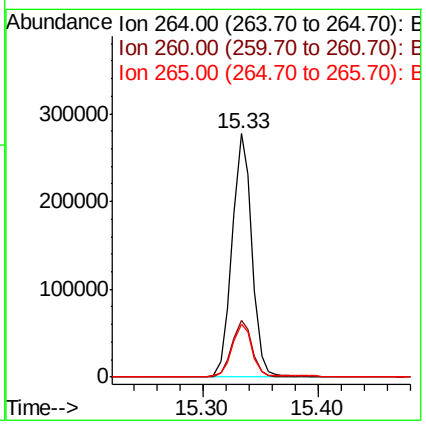


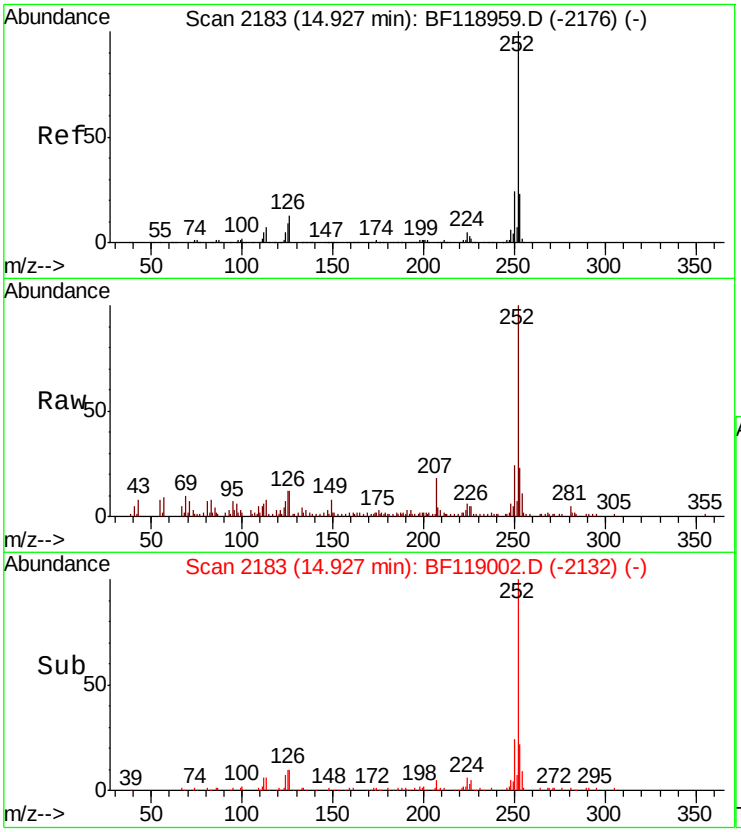


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion:264 Resp: 329037

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.9	17.3	25.9



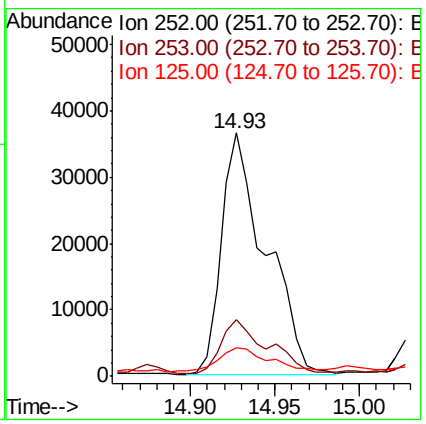


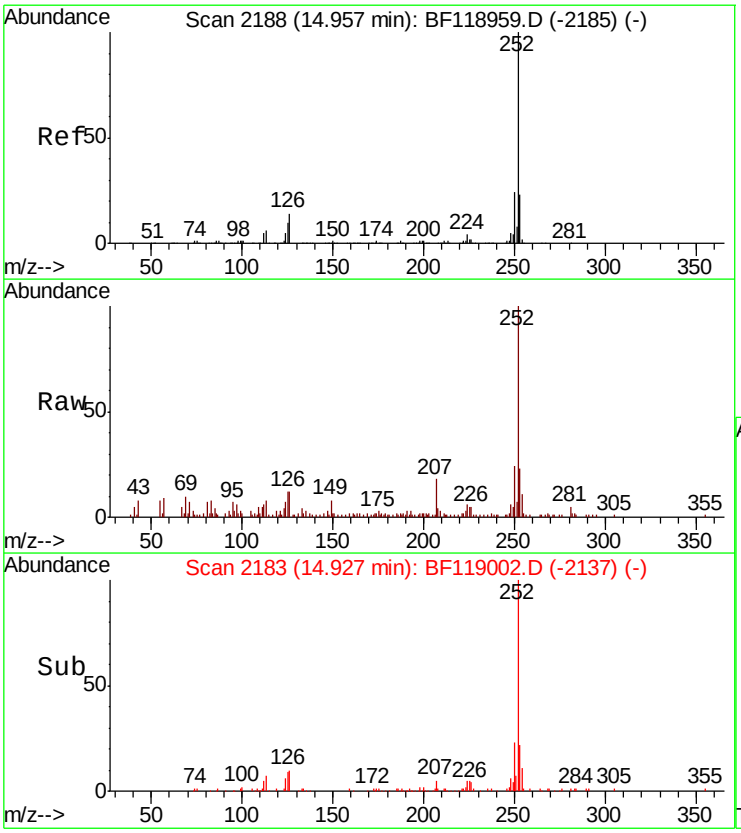
#88
Benzo(b)fluoranthene
Concen: 3.029 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 65691

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	11.7	7.4	11.0#





#89
Benzo(k)fluoranthene
Concen: 3.268 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF119002.D
Acq: 21 Feb 2020 19:49

Tgt Ion:252 Resp: 65691

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	11.7	7.3	10.9#