Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118152.D
Acq On : 9 Dec 2019 18:53
Operator : JU
Sample : IK6162-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 10 00:55:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	102705	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	396830	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	198207	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	332217	20.00	ng	0.00
76) Chrysene-d12	14.06	240	208728	20.00	ng	-0.01
87) Perylene-d12	15.55	264	268800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	567070	96.70	ng	0.00
7) Phenol-d6	6.50	99	706024	99.54	ng	0.00
23) Nitrobenzene-d5	7.43	82	433801	61.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	212073	88.08	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	850040	65.26	ng	0.00
79) Terphenyl-d14	13.00	244	726853	59.88	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	1293	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	58043	13.467	ng	# 79
25) Isophorone	7.43	82	433798	36.278	ng	# 62
50) Dimethylphthalate	9.63	163	70983	4.848	ng	100
51) 2,6-Dinitrotoluene	9.92	165	25761	8.092	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	25761	6.063	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	13076	3.448	ng	# 1
71) Phenanthrene	11.43	178	49984	2.830	ng	99
75) Fluoranthene	12.62	202	105759	5.857	ng	100
78) Pyrene	12.86	202	96707	5.879	ng	99
81) Benzo(a)anthracene	14.04	228	48693	3.374	ng	95
83) Chrysene	14.08	228	46669	3.385	ng	98
86) Indeno(1,2,3-cd)pyrene	17.05	276	33875	2.920	ng	98
88) Benzo(b)fluoranthene	15.11	252	86058	4.841	ng	97
89) Benzo(k)fluoranthene	15.11	252	86058	5.039	ng	97
90) Benzo(a)pyrene	15.48	252	50102	3.191	ng	98
92) Benzo(g,h,i)perylene	17.50	276	33953	2.624	ng	99

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

Quantitation Report (Not Reviewed)

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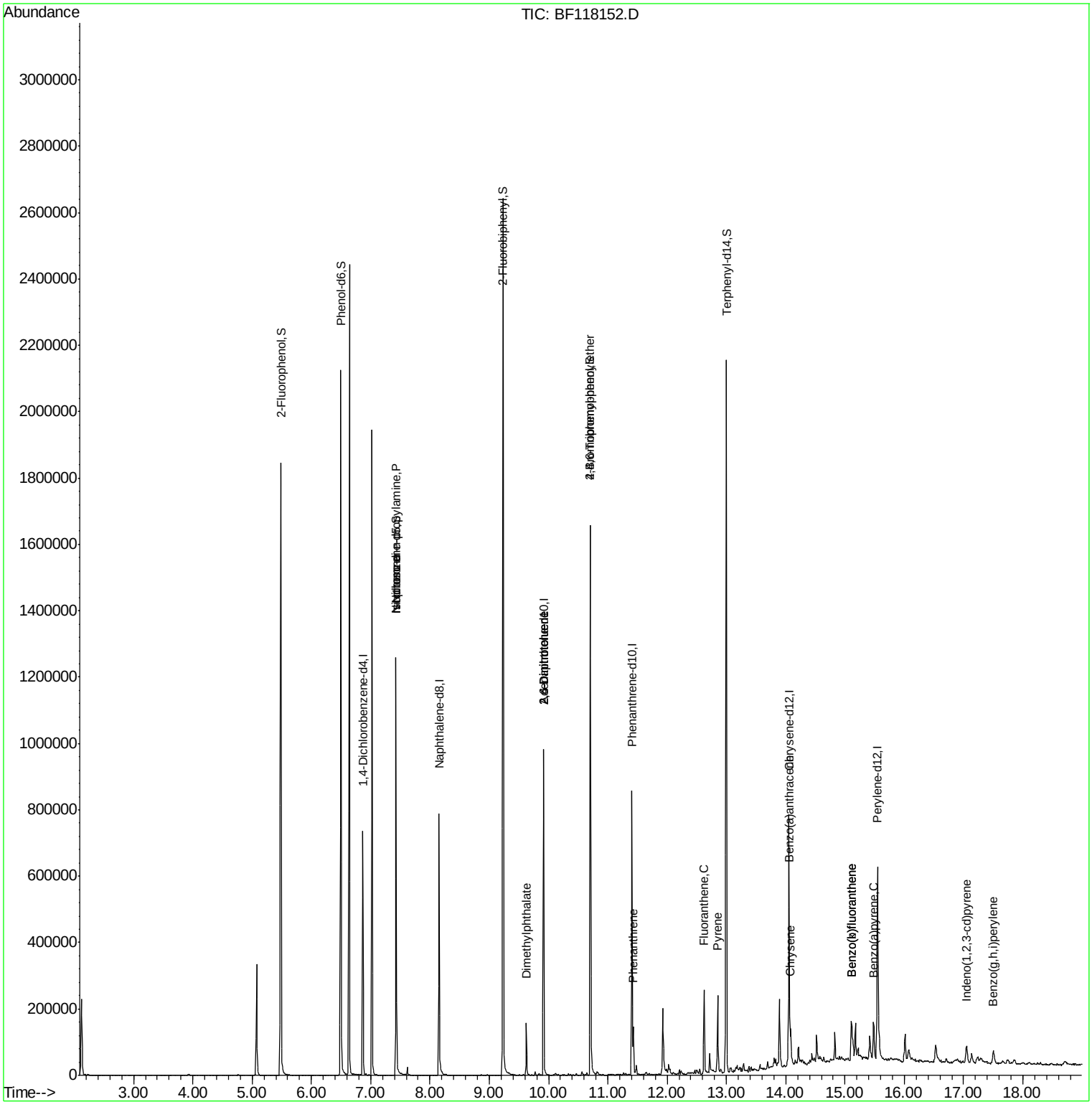
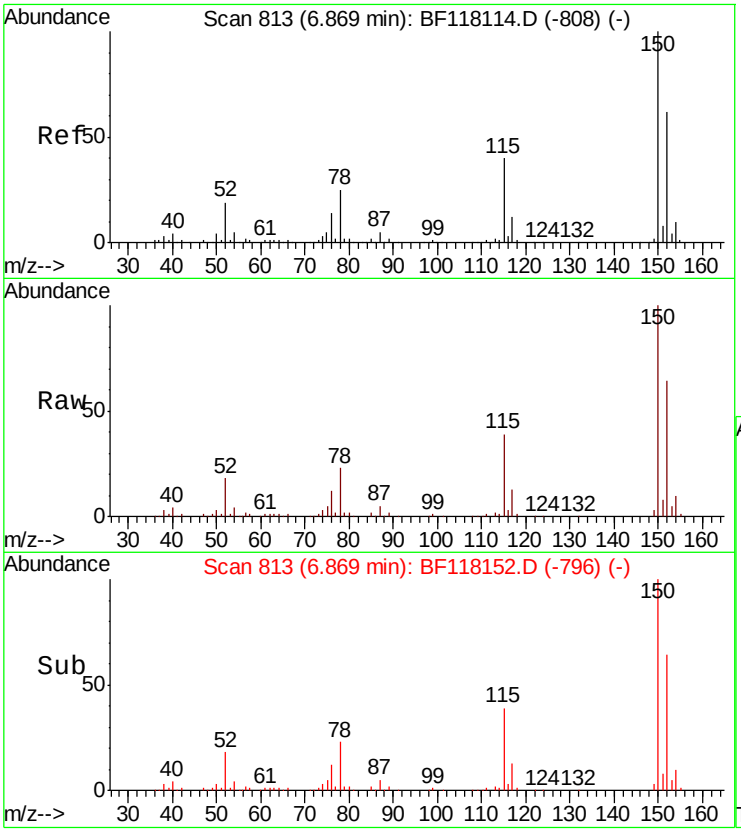


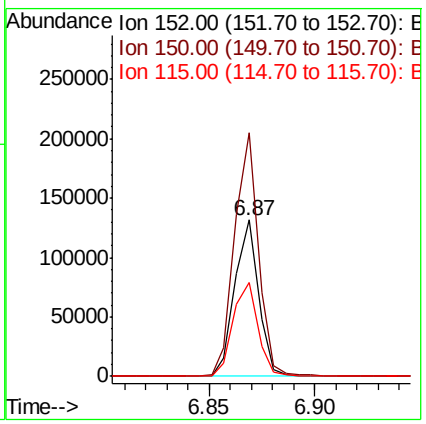


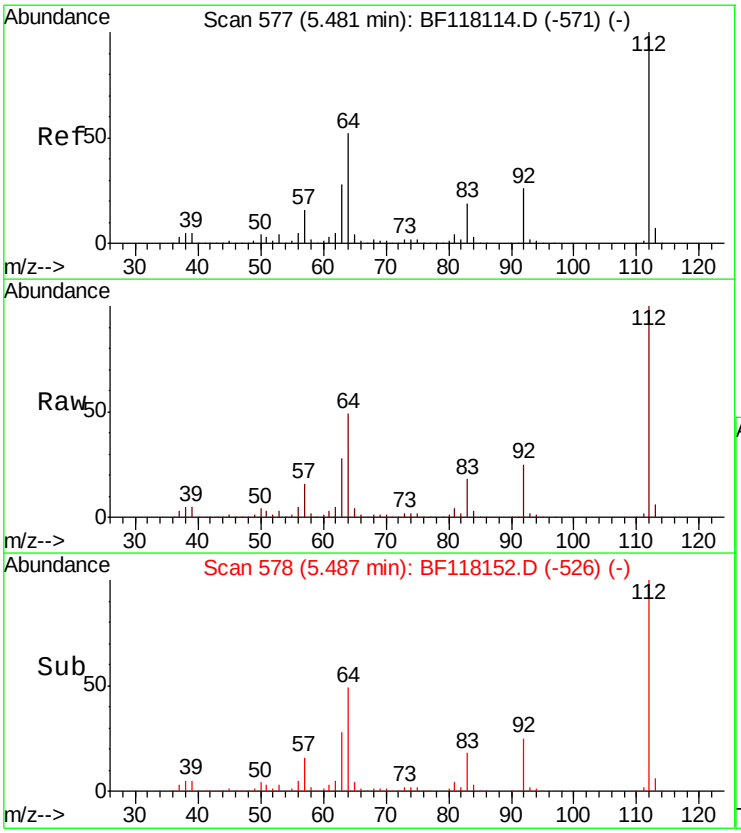
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 102705

Ion	Ratio	Lower	Upper
152	100		
150	155.8	128.3	192.5
115	60.1	51.1	76.7

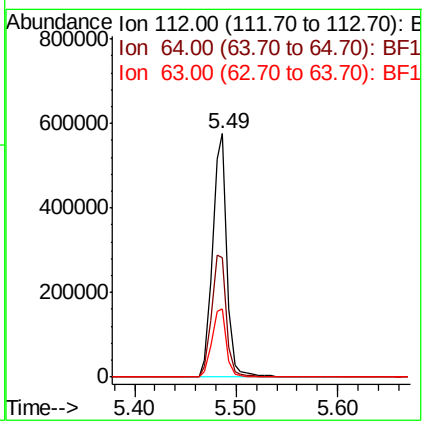


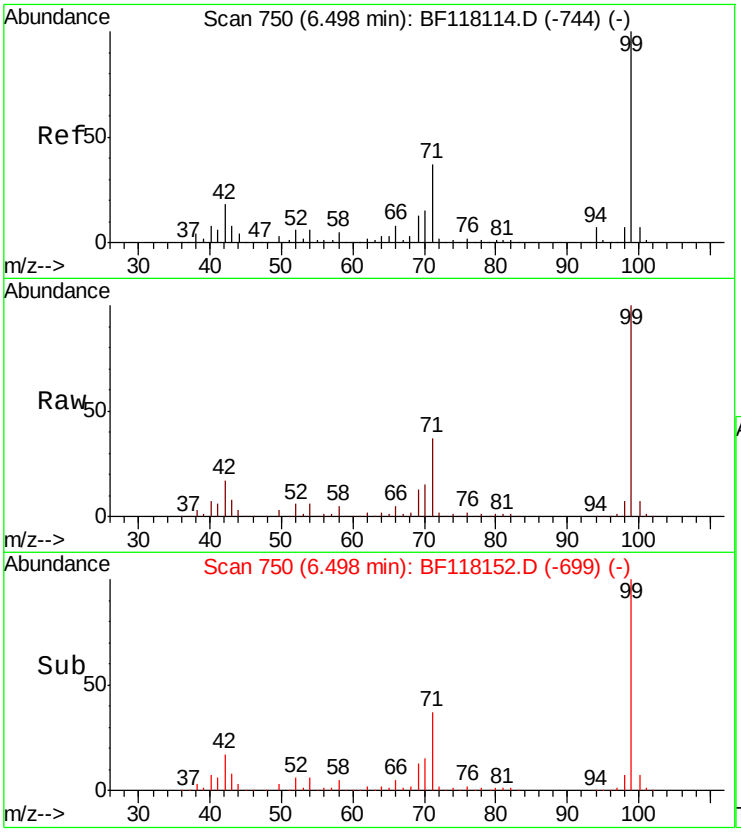


#5
2-Fluorophenol
Concen: 96.704 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion:112 Resp: 567070

Ion	Ratio	Lower	Upper
112	100		
64	49.3	41.3	61.9
63	27.9	22.4	33.6



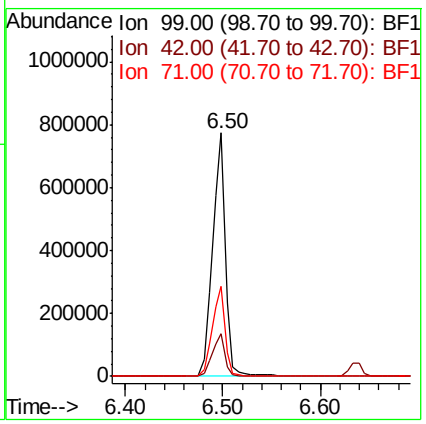


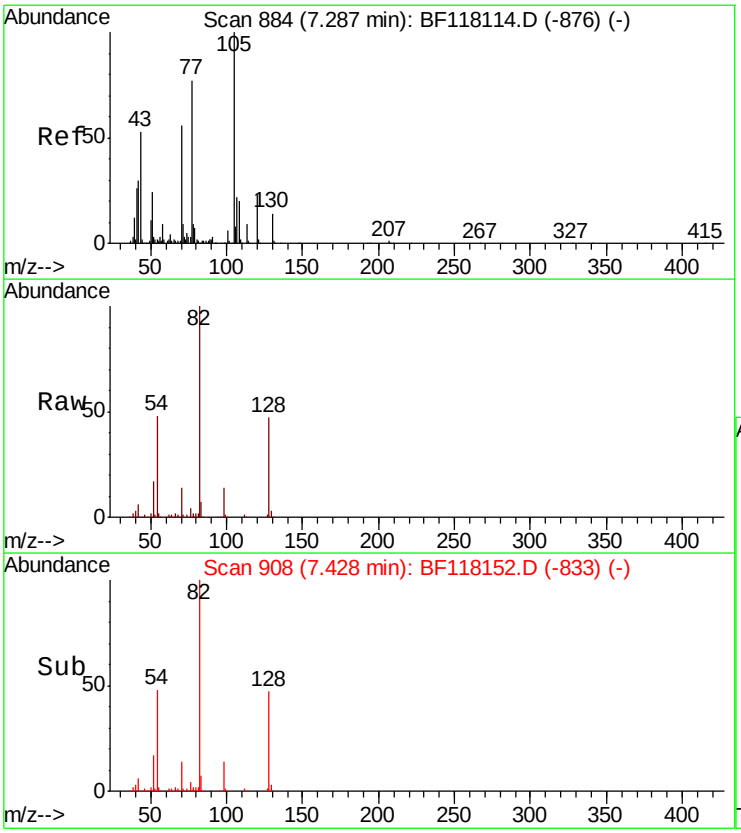
#7
Phenol-d6
Concen: 99.543 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 706024

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.1	21.1
71	37.0	29.7	44.5

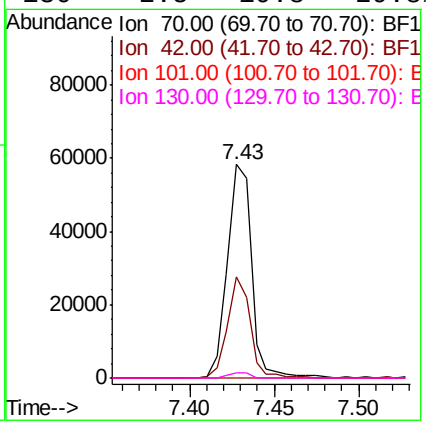


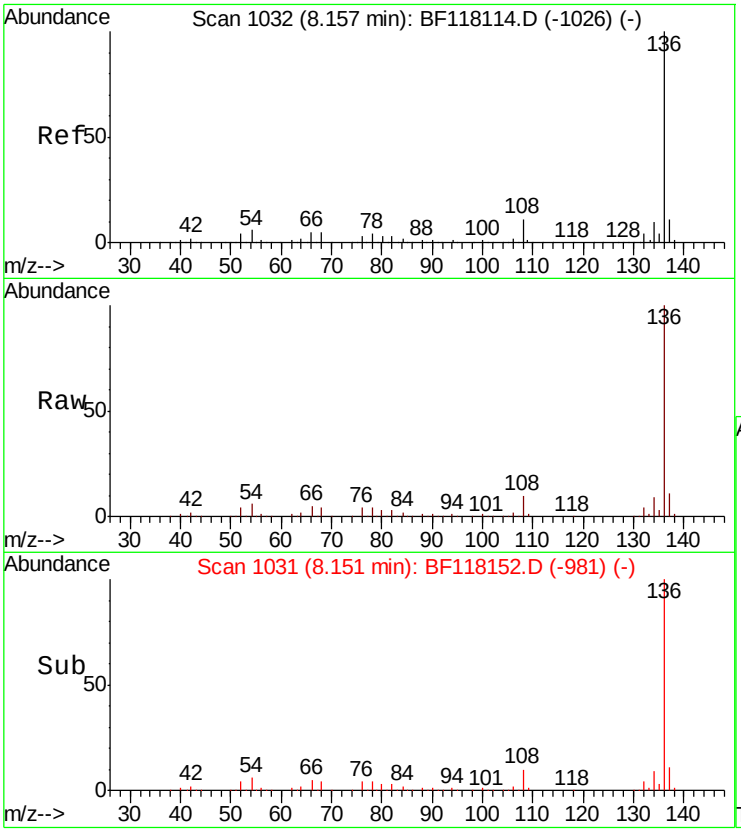


#19
n-Nitroso-di-n-propylamine
Concen: 13.467 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion: 70 Resp: 58043

Ion	Ratio	Lower	Upper
70	100		
42	47.2	43.2	64.8
101	0.0	8.1	12.1#
130	2.5	19.8	29.8#



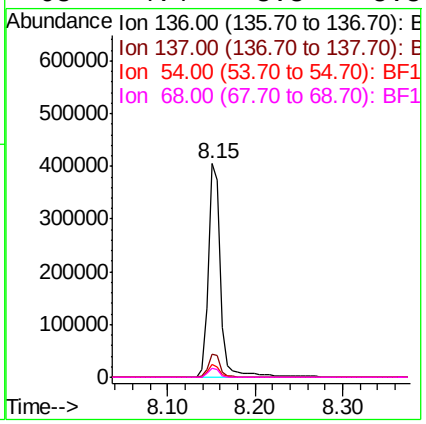


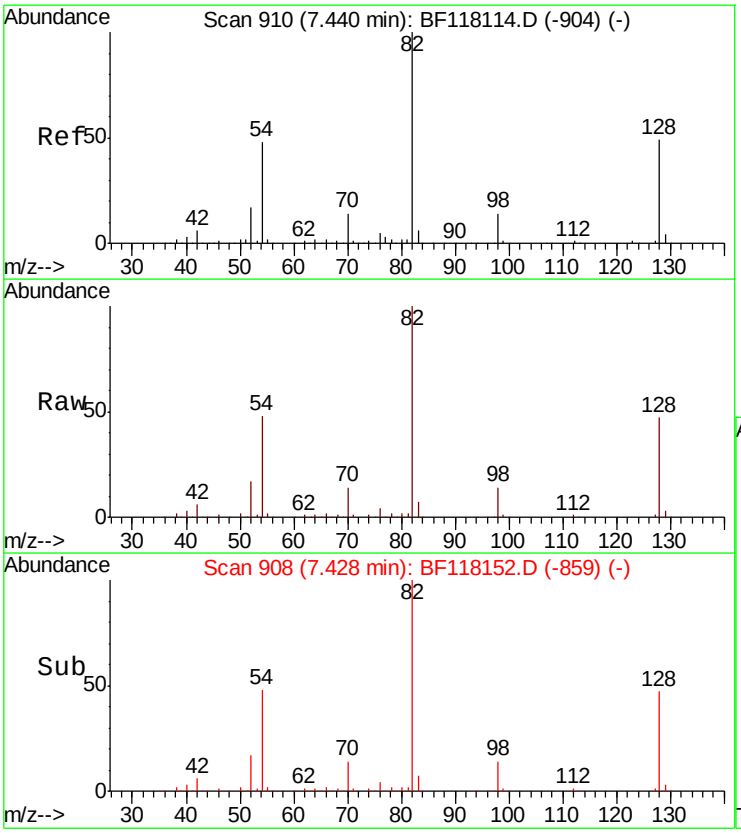
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 396830

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.2	5.0	7.6
68	4.4	3.8	5.8

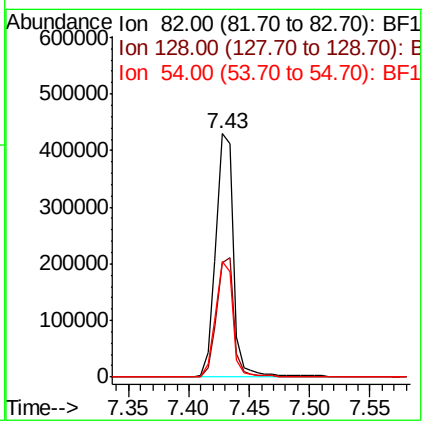


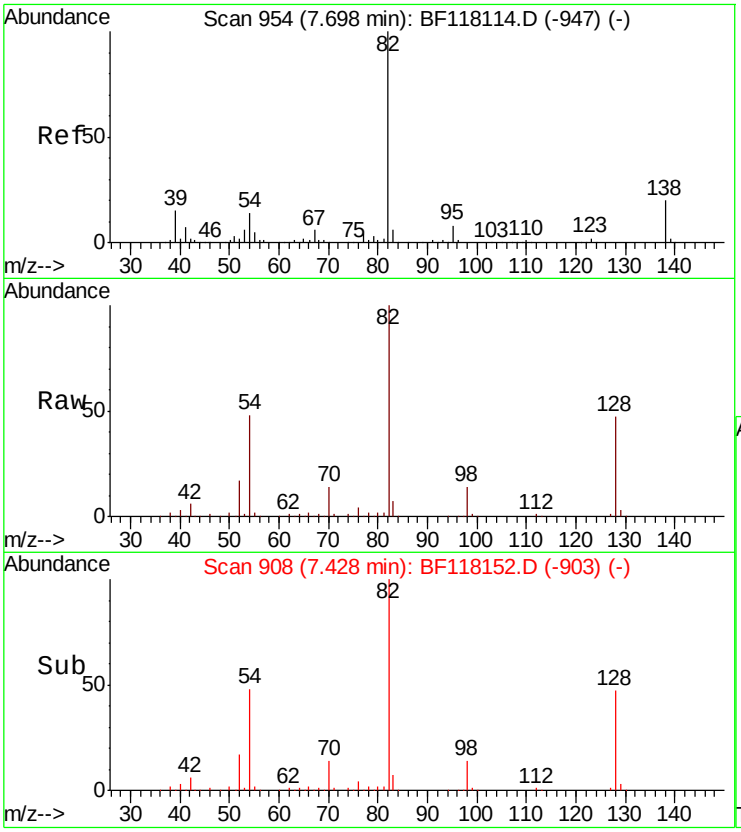


#23
Nitrobenzene-d5
Concen: 61.499 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion: 82 Resp: 433801

Ion	Ratio	Lower	Upper
82	100		
128	47.1	39.1	58.7
54	47.7	38.2	57.2



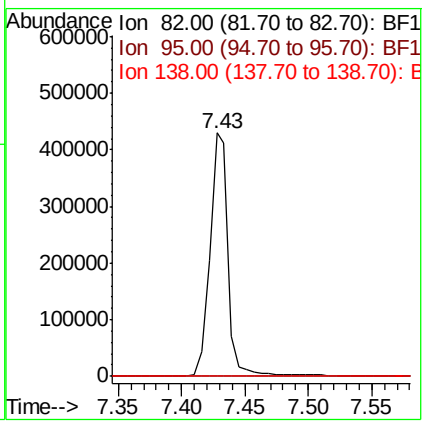


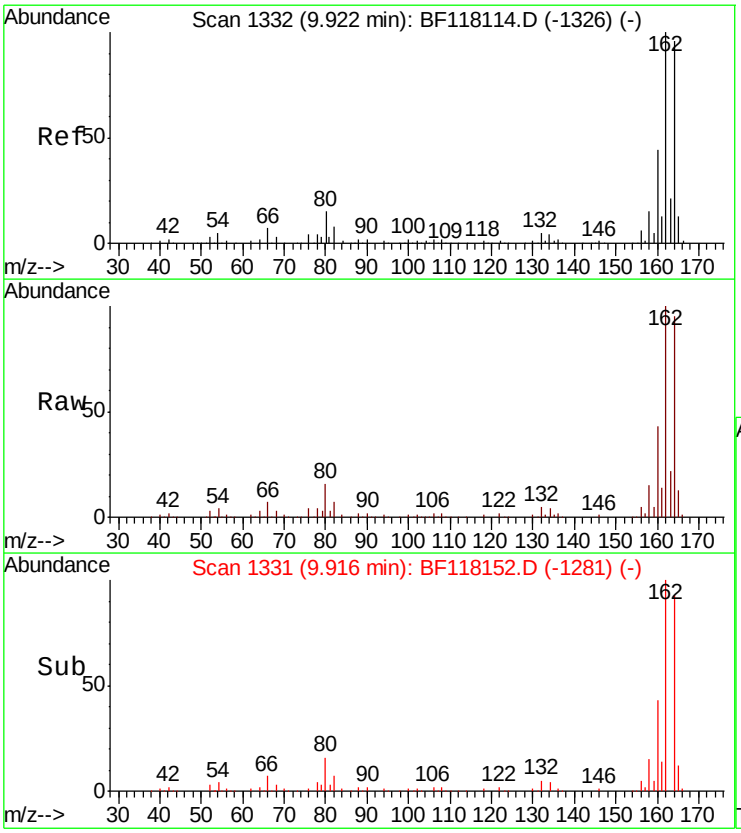
#25
Isophorone
Concen: 36.278 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 433798

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.3	24.5#

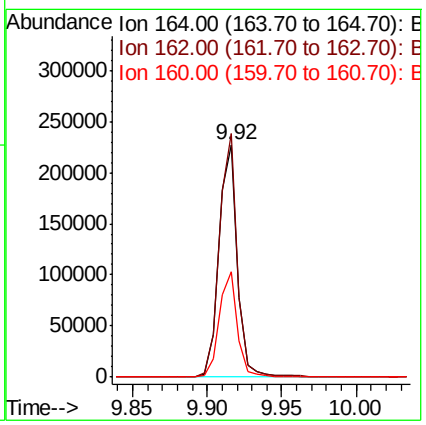


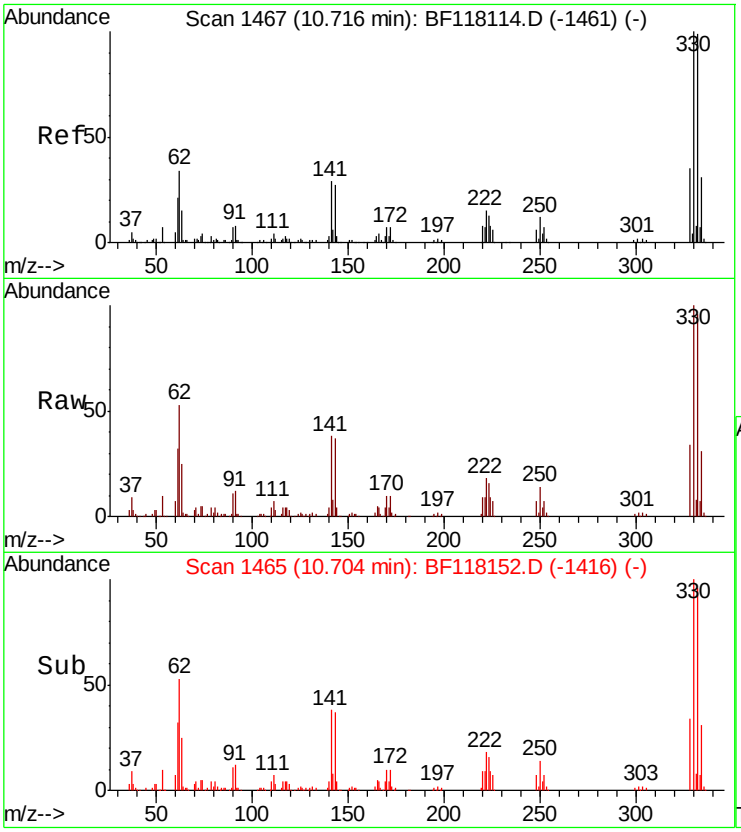


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion:164 Resp: 198207

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.4	125.0
160	45.1	36.6	54.8



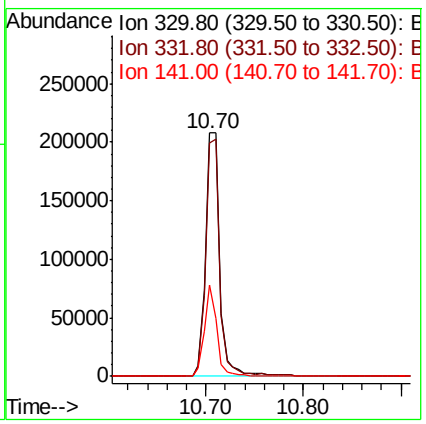


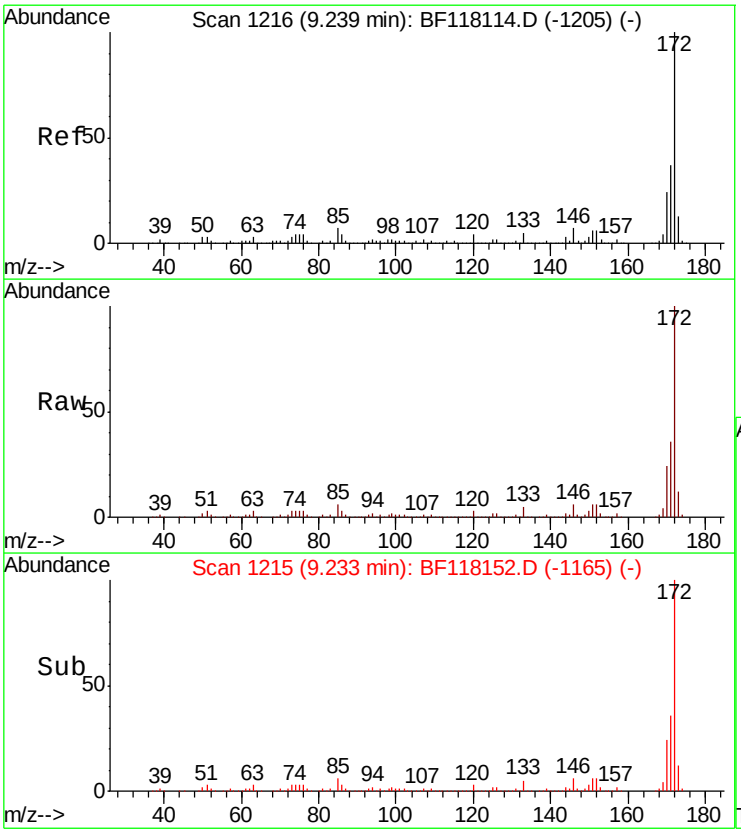
#42
2,4,6-Tribromophenol
Concen: 88.076 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 212073

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.1	117.1
141	33.1	26.9	40.3

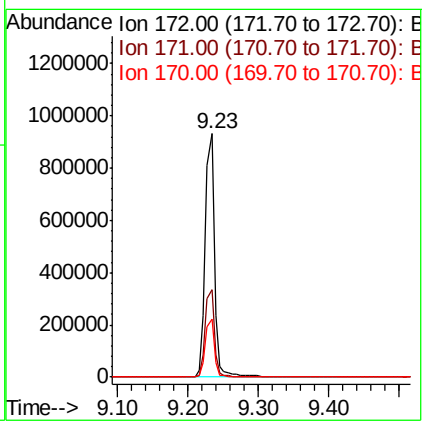


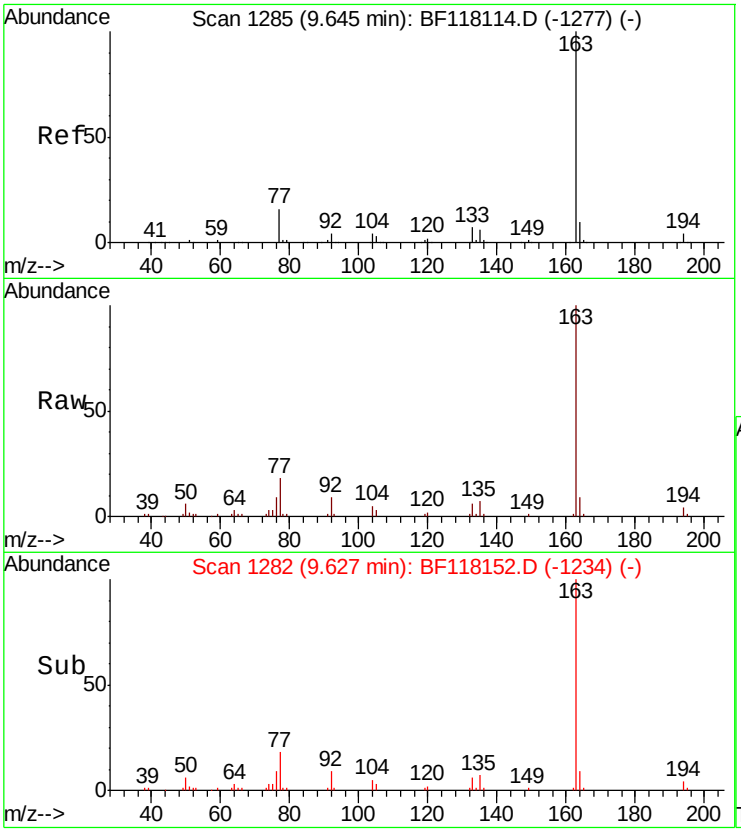


#45
2-Fluorobiphenyl
Concen: 65.258 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion:172 Resp: 850040

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.7	19.4	29.2



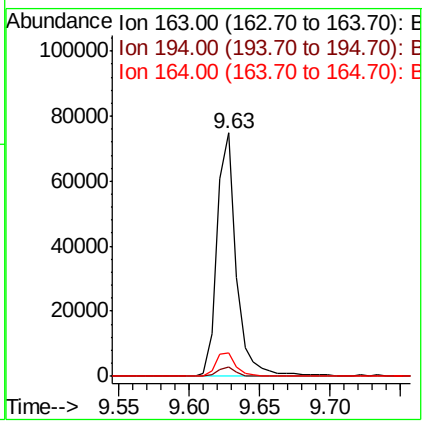


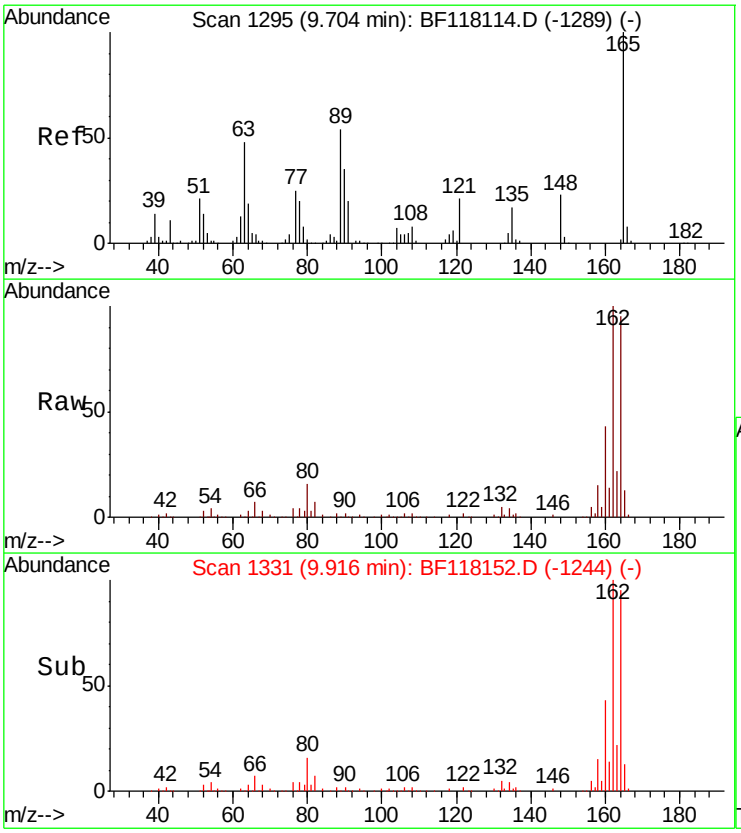
#50
Dimethylphthalate
Concen: 4.848 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 70983

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.5	7.7	11.5

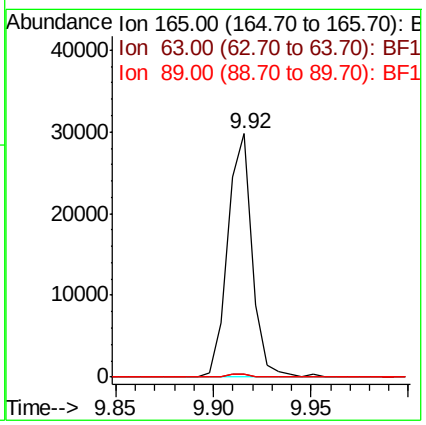


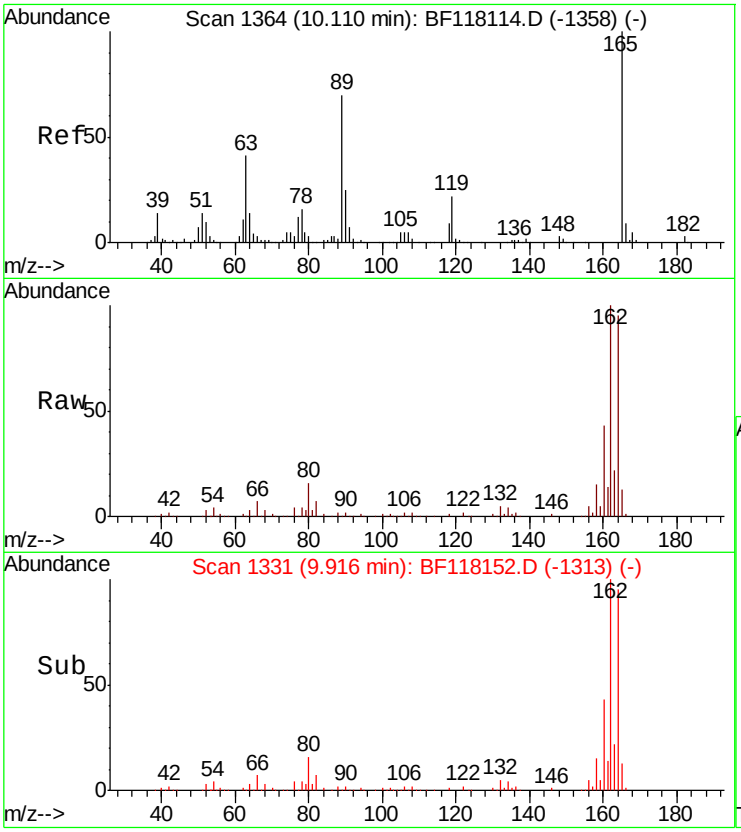


#51
2,6-Dinitrotoluene
Concen: 8.092 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion:165 Resp: 25761

Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.4	62.0#
89	1.5	42.9	64.3#



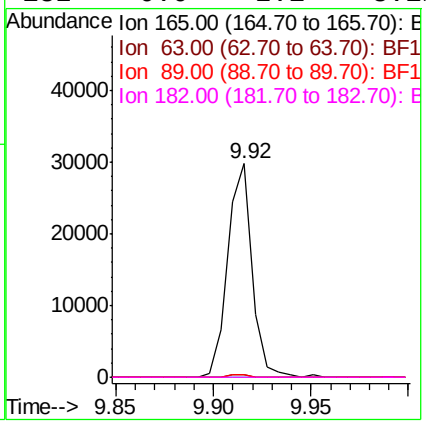


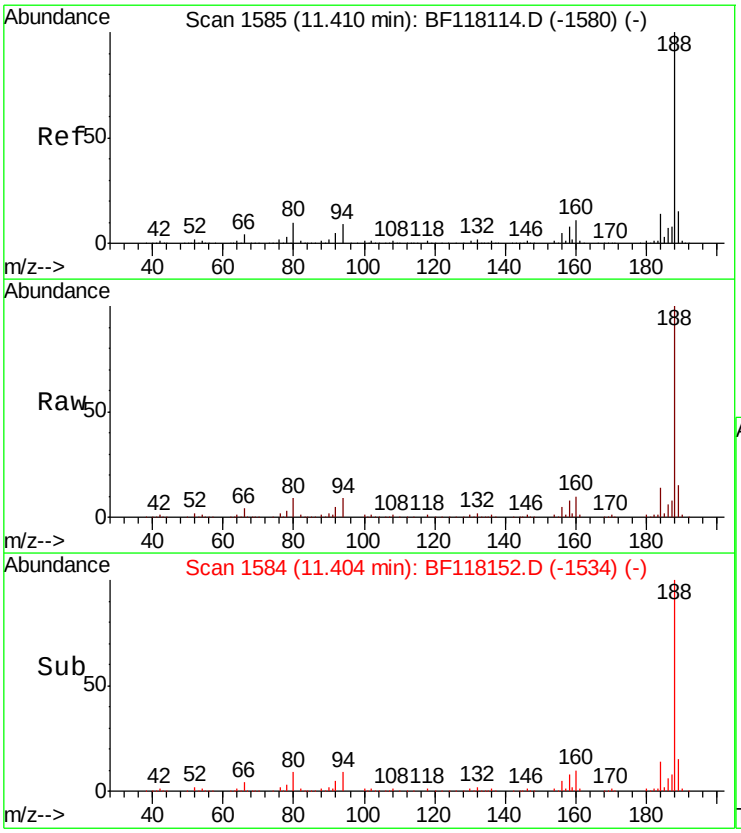
#57
2,4-Dinitrotoluene
Concen: 6.063 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25761

Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.6	49.0#
89	1.5	56.1	84.1#
182	0.0	2.1	3.1#

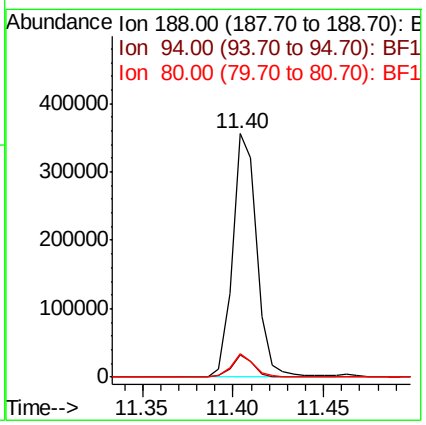


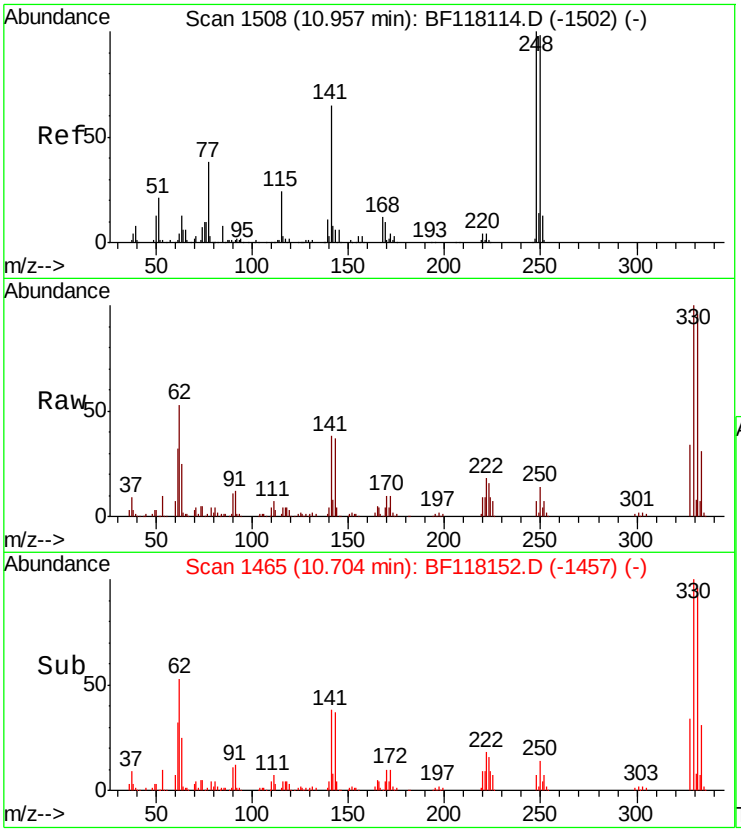


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion:188 Resp: 332217

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.4	7.9	11.9



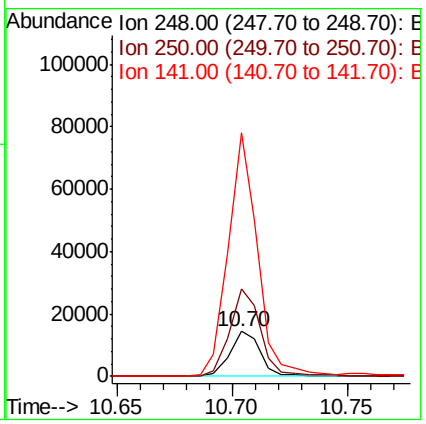


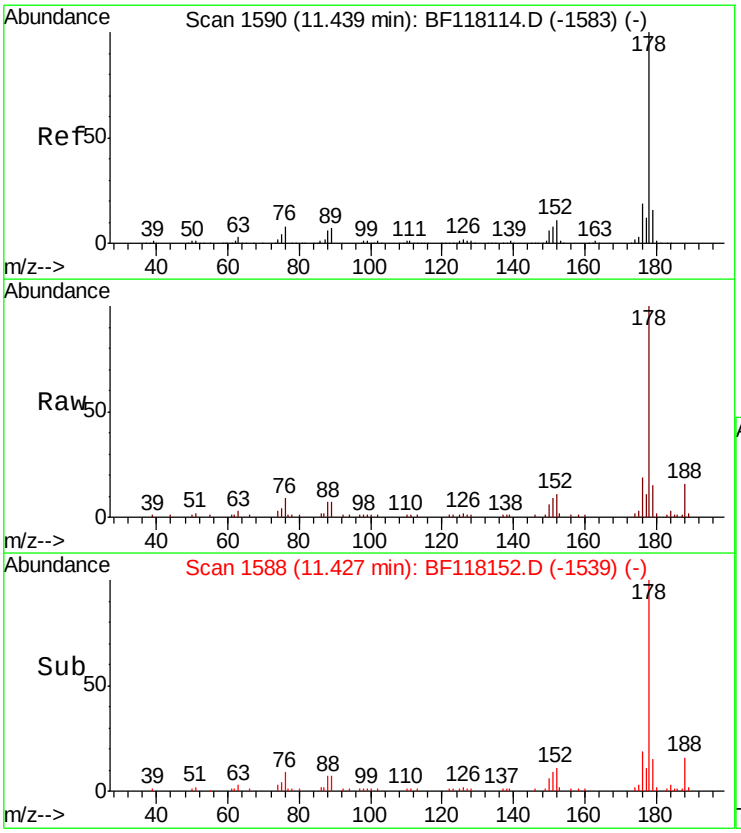
#67
4-Bromophenyl-phenylether
Concen: 3.448 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13076

Ion	Ratio	Lower	Upper
248	100		
250	197.3	78.3	117.5#
141	545.3	52.2	78.4#

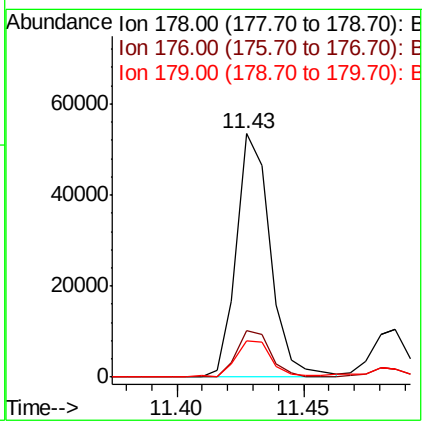


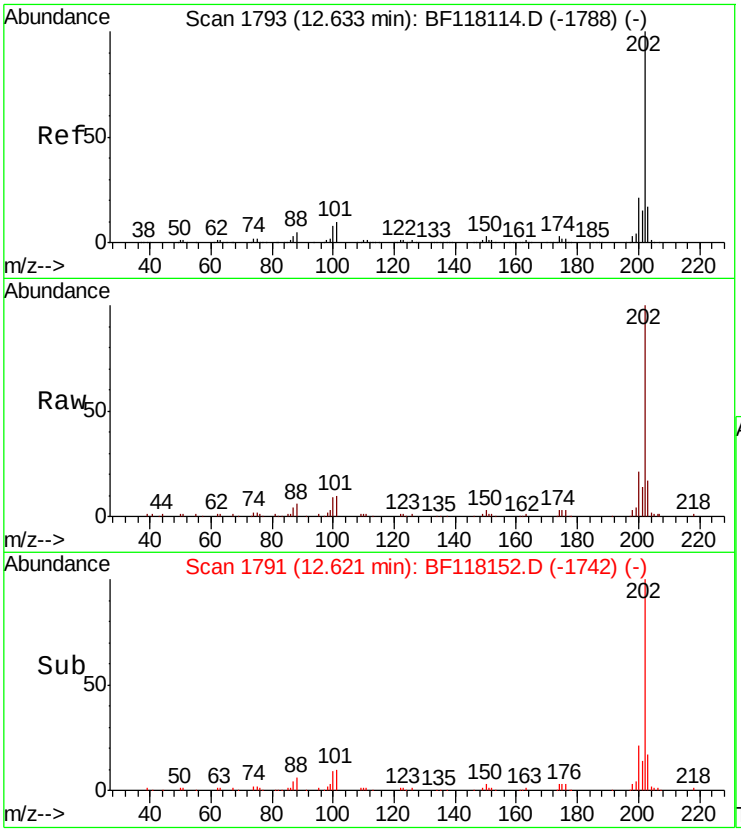


#71
Phenanthrene
Concen: 2.830 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion:178 Resp: 49984

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.1	12.6	18.8



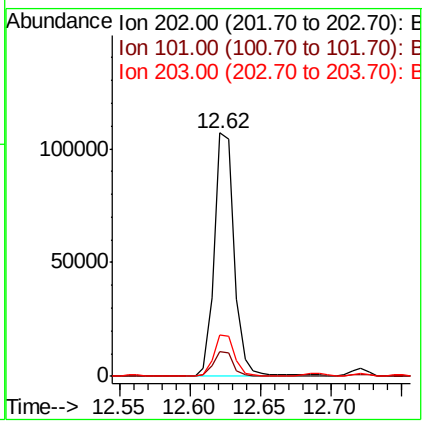


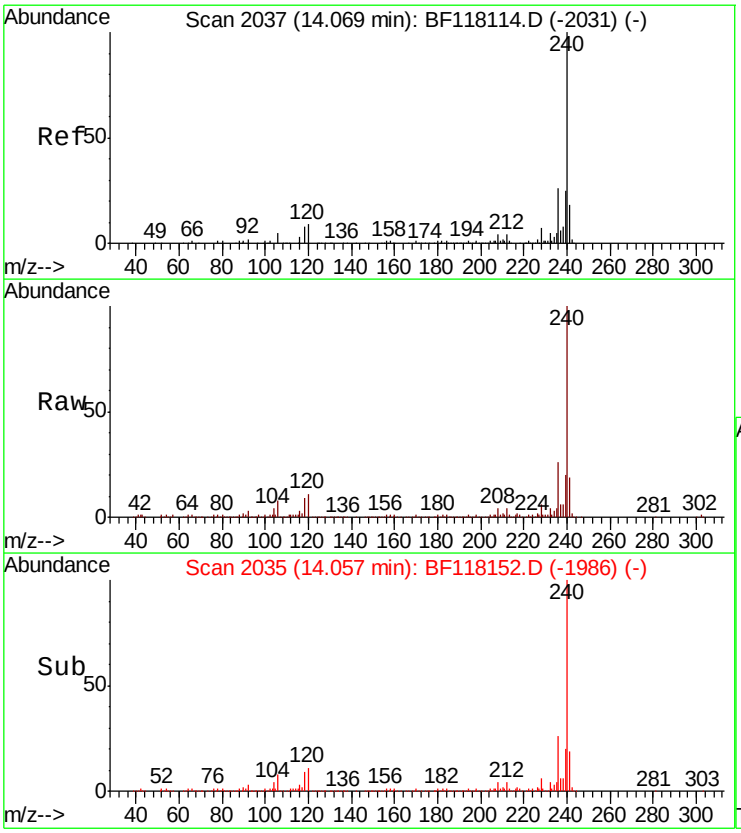
#75
Fluoranthene
Concen: 5.857 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 105759

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.4
203	17.2	0.0	37.2

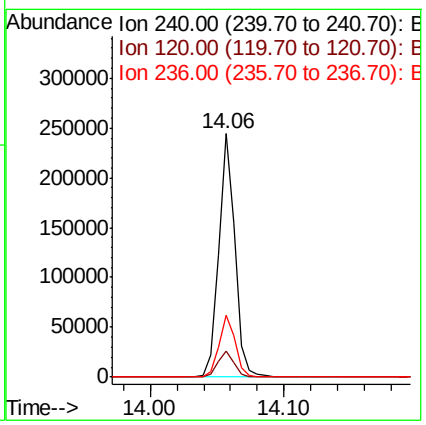


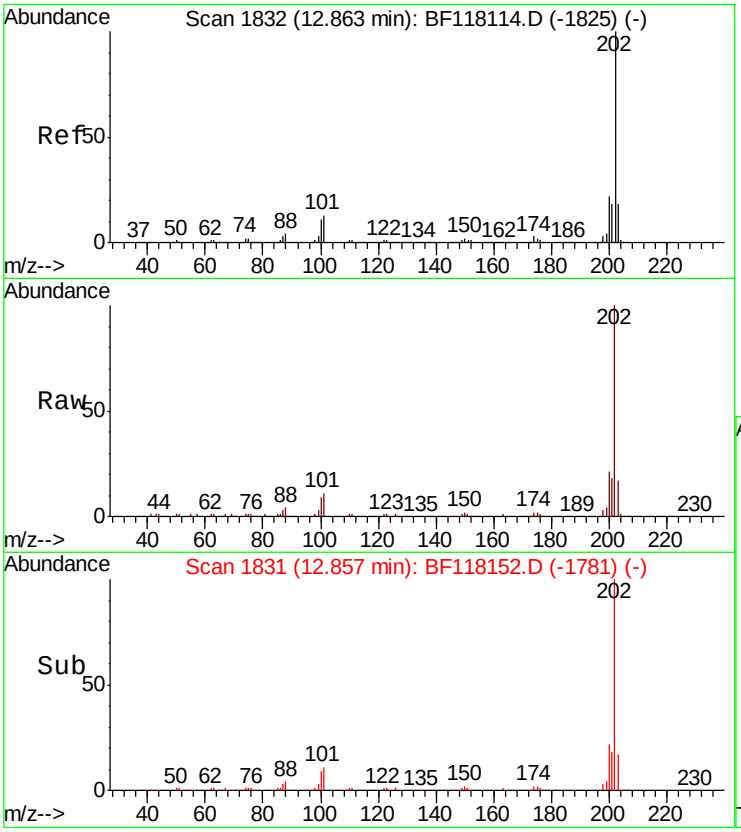


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion:240 Resp: 208728

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.1	10.7
236	25.7	21.0	31.6



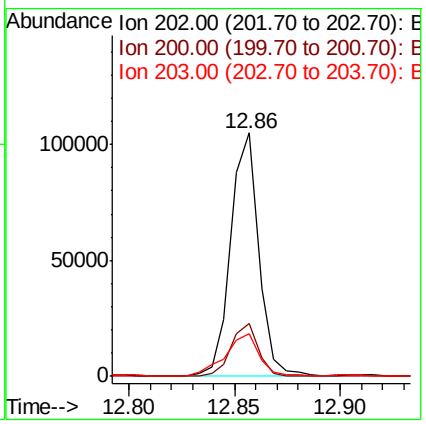


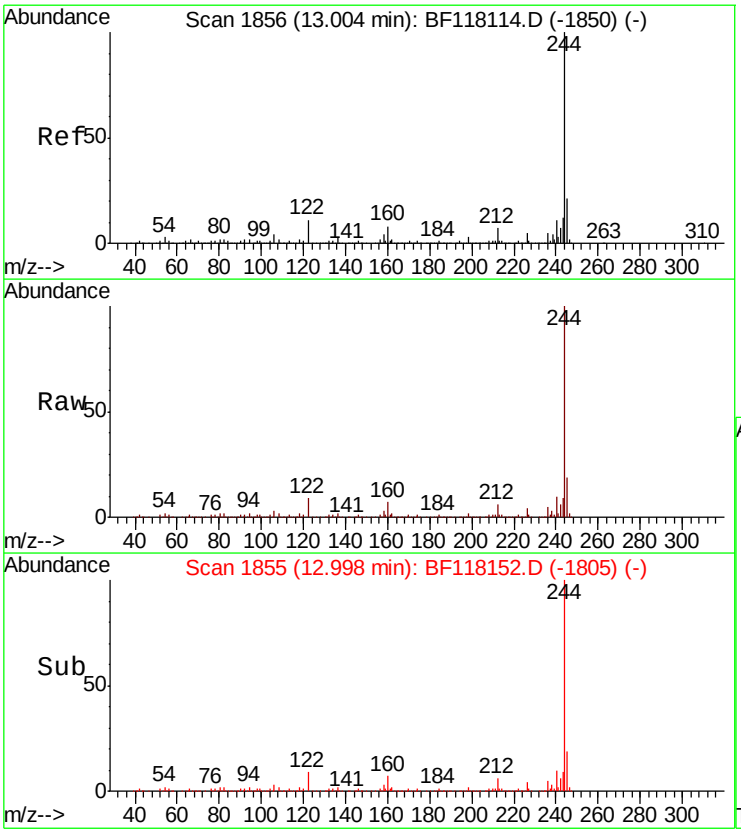
#78
Pyrene
Concen: 5.879 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 96707

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	17.4	14.6	21.8

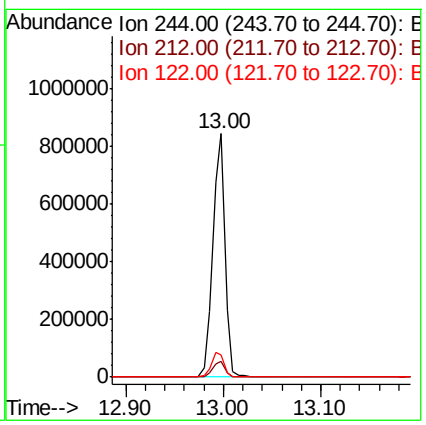


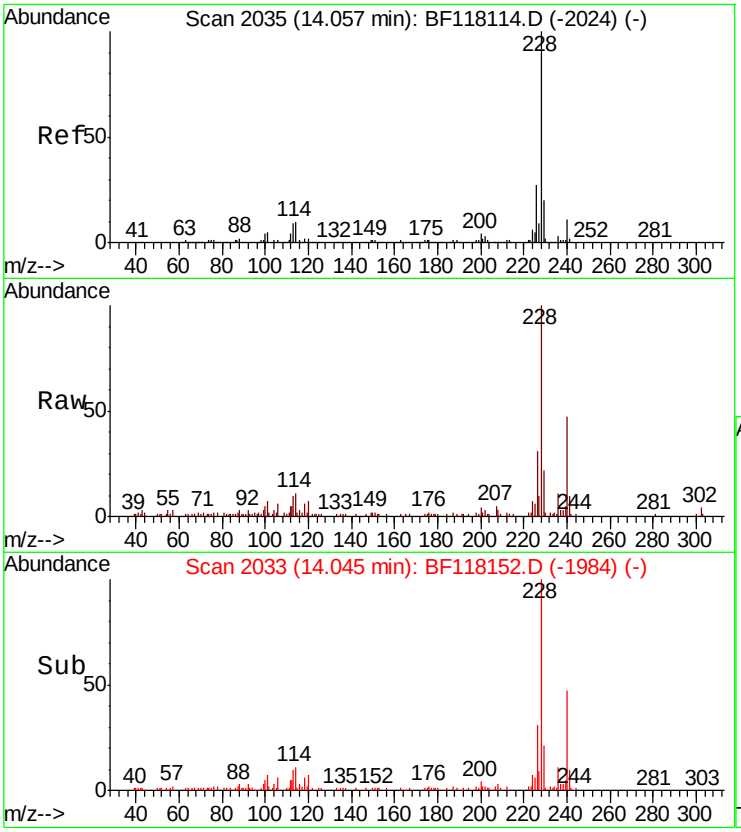


#79
Terphenyl-d14
Concen: 59.883 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion:244 Resp: 726853

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	9.3	9.0	13.6



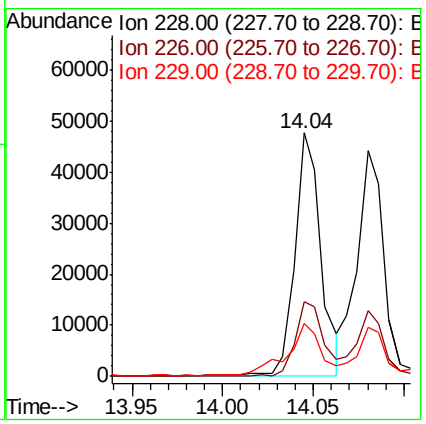


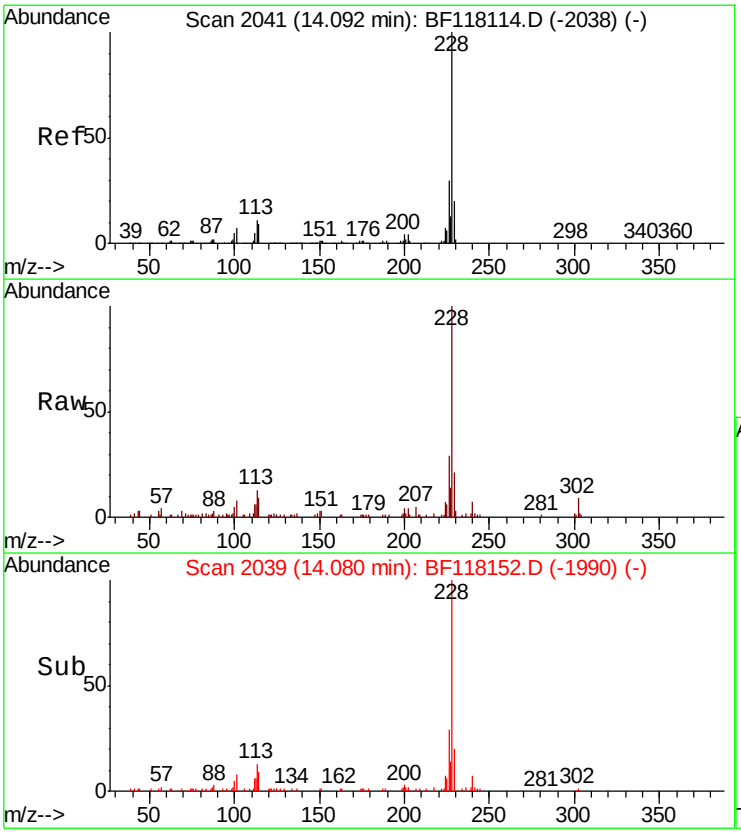
#81
Benzo(a)anthracene
Concen: 3.374 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 48693

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.8	32.8
229	21.6	15.8	23.8

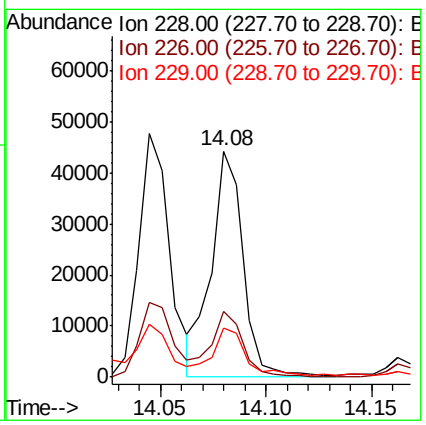


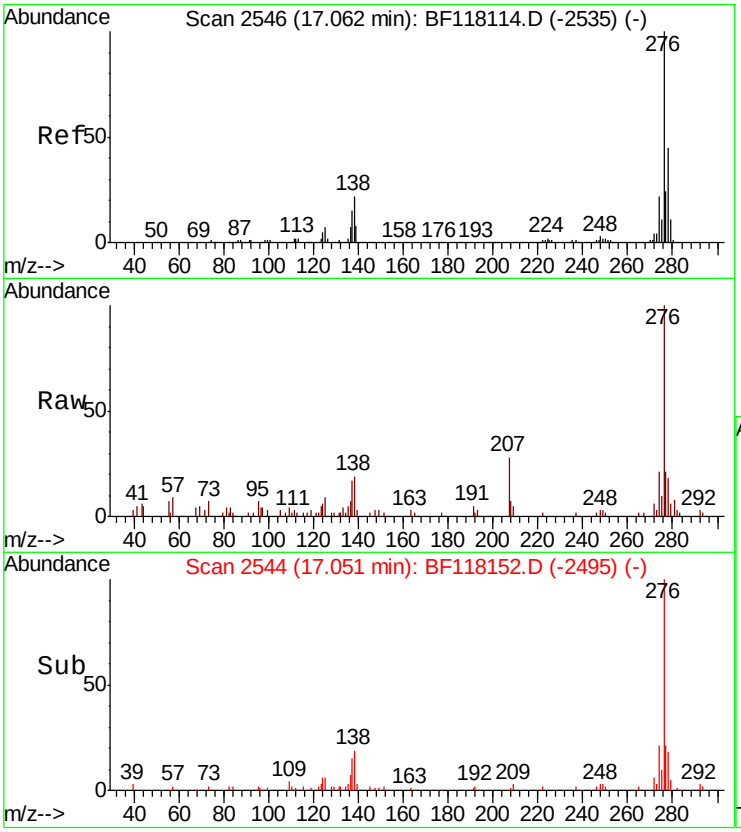


#83
Chrysene
Concen: 3.385 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion:228 Resp: 46669

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	21.5	15.7	23.5



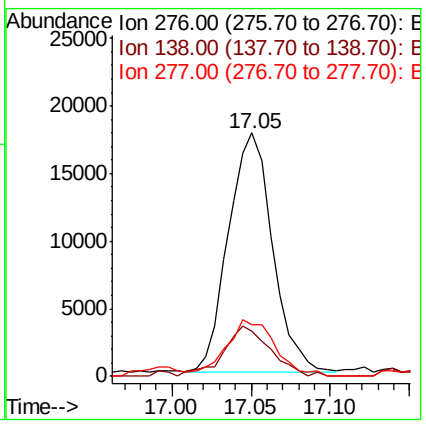


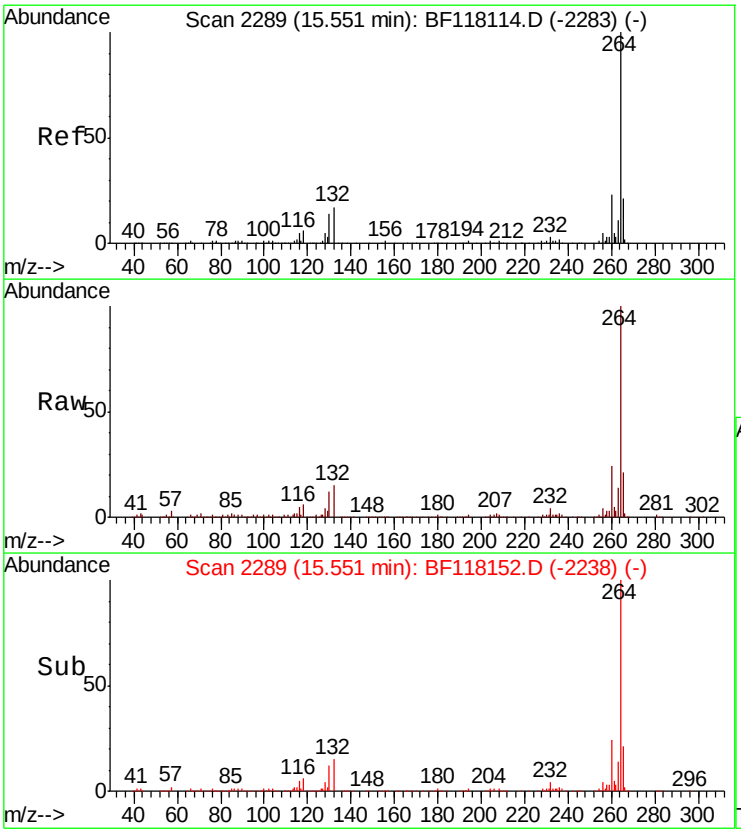
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.920 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 33875

Ion	Ratio	Lower	Upper
276	100		
138	22.5	18.9	28.3
277	26.6	20.4	30.6

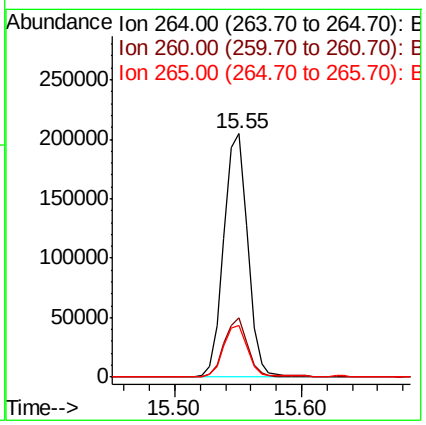


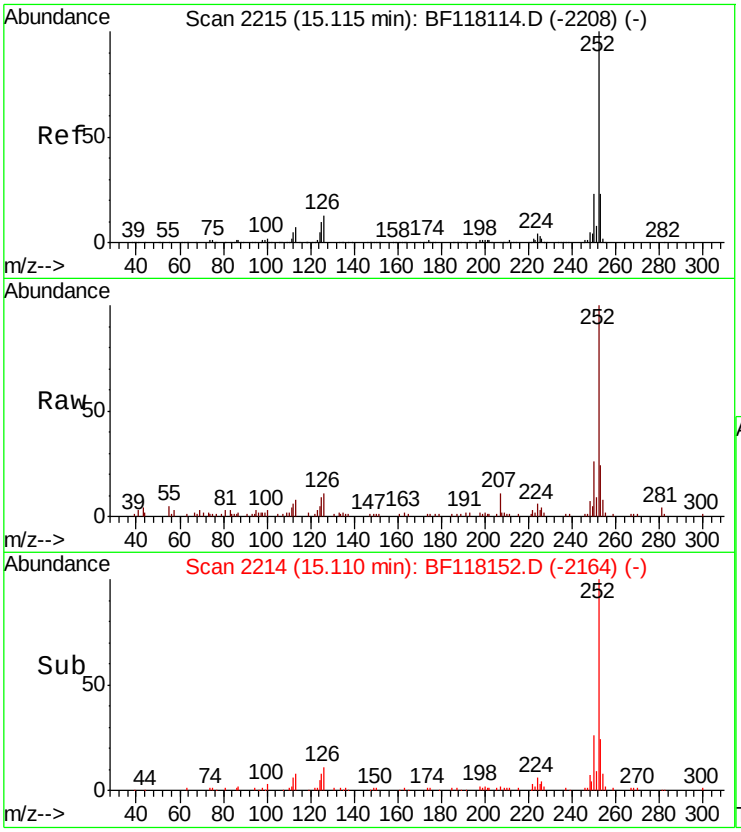


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion:264 Resp: 268800

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	21.4	16.8	25.2



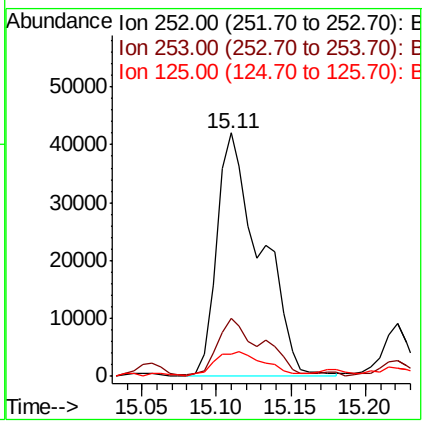


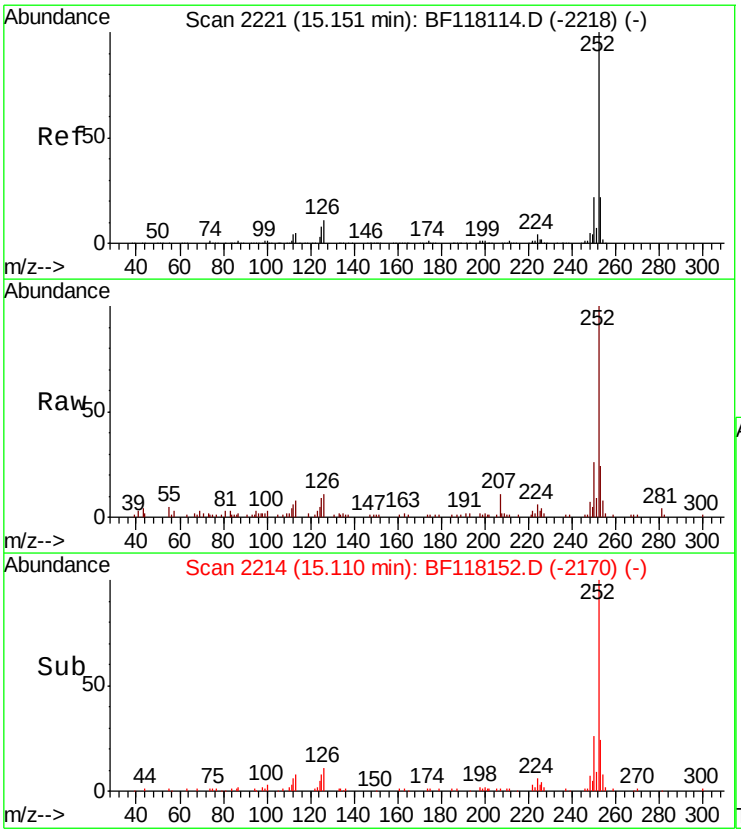
#88
Benzo(b)fluoranthene
Concen: 4.841 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 86058

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	8.9	8.3	12.5

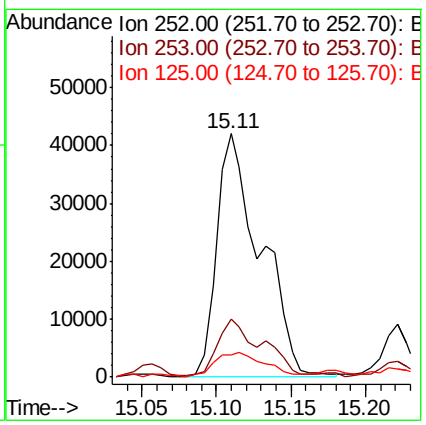


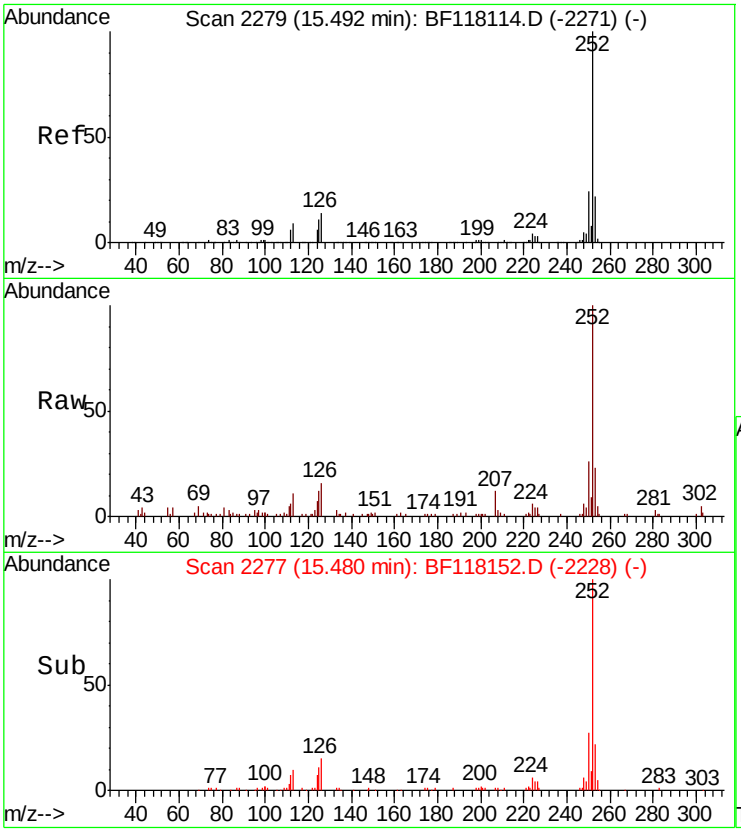


#89
Benzo(k)fluoranthene
Concen: 5.039 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion:252 Resp: 86058

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	8.9	6.7	10.1



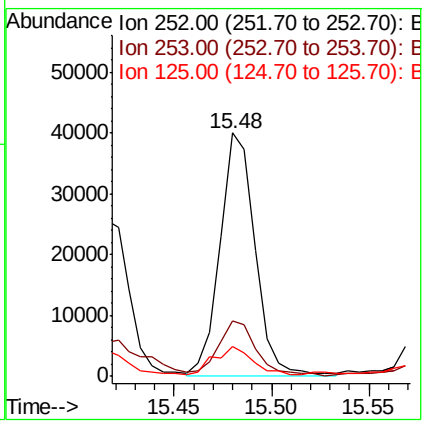


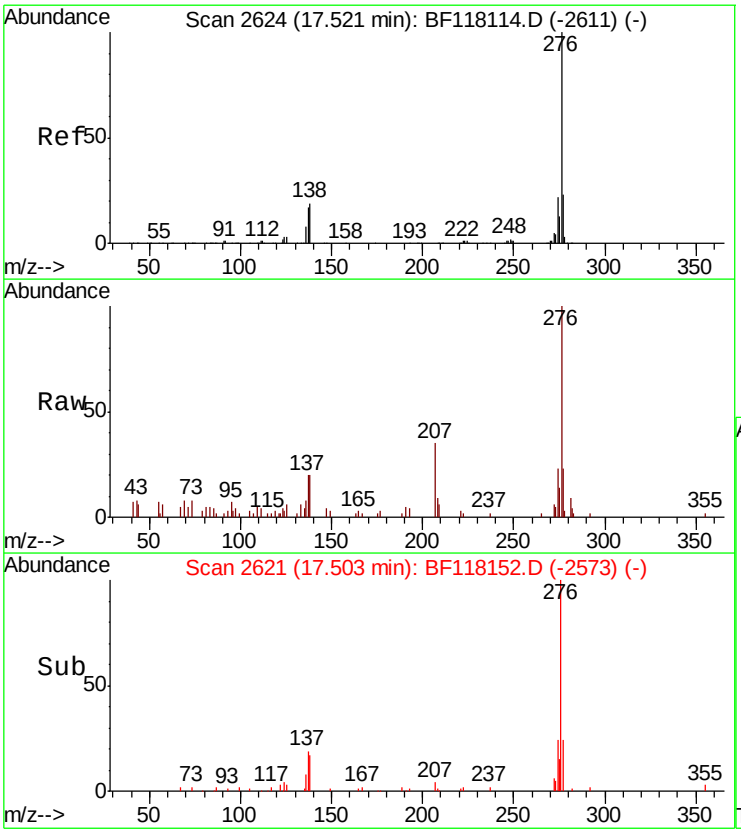
#90
Benzo(a)pyrene
Concen: 3.191 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 50102

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.2	9.1	13.7





#92
Benzo(g,h,i)perylene
Concen: 2.624 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.02 min
Lab File: BF118152.D
Acq: 9 Dec 2019 18:53

Tgt Ion:276 Resp: 33953

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.2	27.4
138	19.9	15.5	23.3