Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118233.D
Acq On : 17 Dec 2019 18:27
Operator : JU
Sample : K6299-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 18 05:04:42 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	6.86	152	106323	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	405430	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	191592	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	304346	20.00	ng	-0.01
76) Chrysene-d12	14.06	240	250911	20.00	ng	-0.01
87) Perylene-d12	15.55	264	230824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	466434	76.84	ng	0.00
7) Phenol-d6	6.49	99	595099	81.05	ng	0.00
23) Nitrobenzene-d5	7.42	82	341527	47.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	146531	62.96	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	666046	52.90	ng	-0.02
79) Terphenyl-d14	12.99	244	615719	42.20	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	945	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	45577	10.215	ng	# 80
25) Isophorone	7.42	82	341523	27.955	ng	# 62
50) Dimethylphthalate	9.62	163	59878	4.231	ng	99
51) 2,6-Dinitrotoluene	9.90	165	24594	7.992	ng	# 28
57) 2,4-Dinitrotoluene	9.90	165	24594	5.988	ng	# 26
67) 4-Bromophenyl-phenylether	10.70	248	8554	2.462	ng	# 1
88) Benzo(b)fluoranthene	15.11	252	31273	2.049	ng	# 38
89) Benzo(k)fluoranthene	15.11	252	31273	2.132	ng	# 34

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

Quantitation Report (Not Reviewed)

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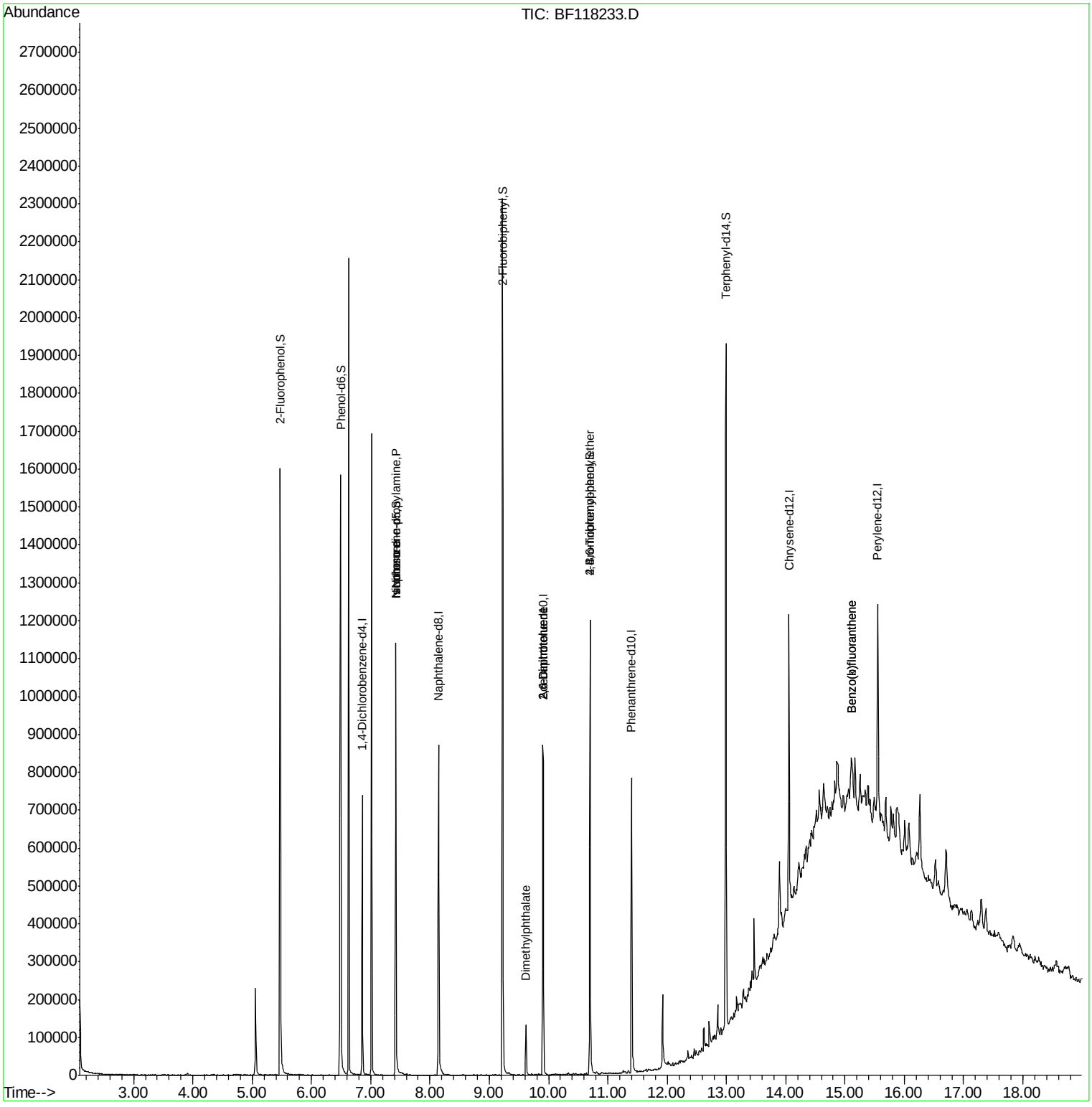
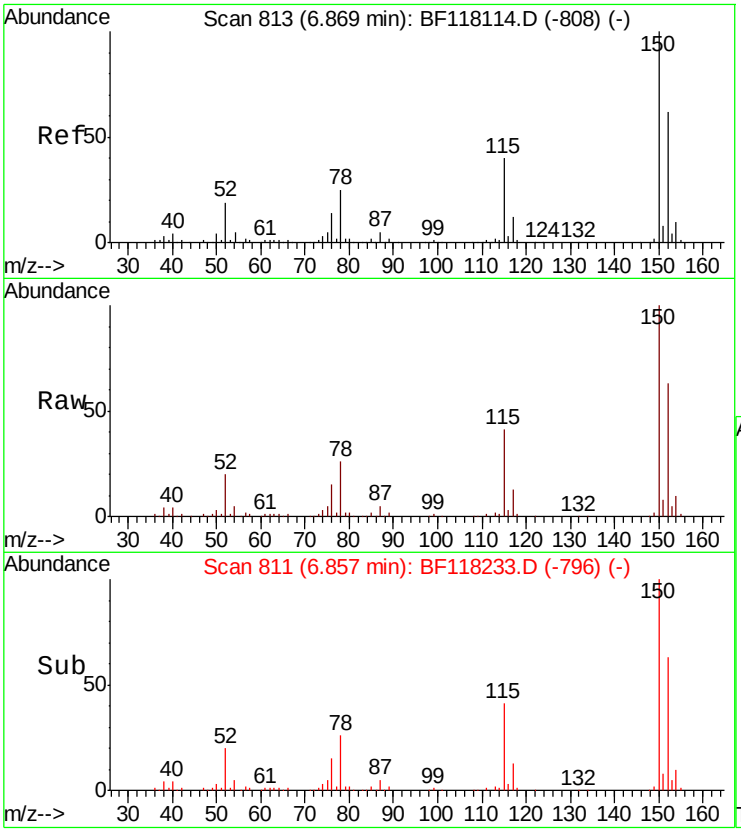
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



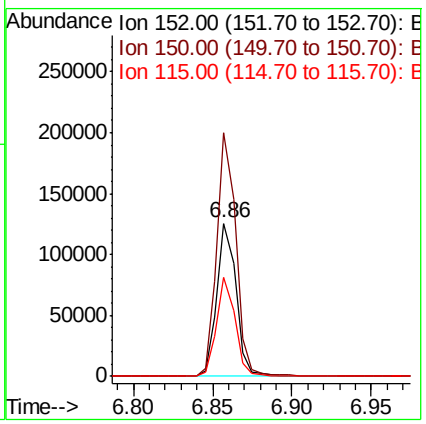


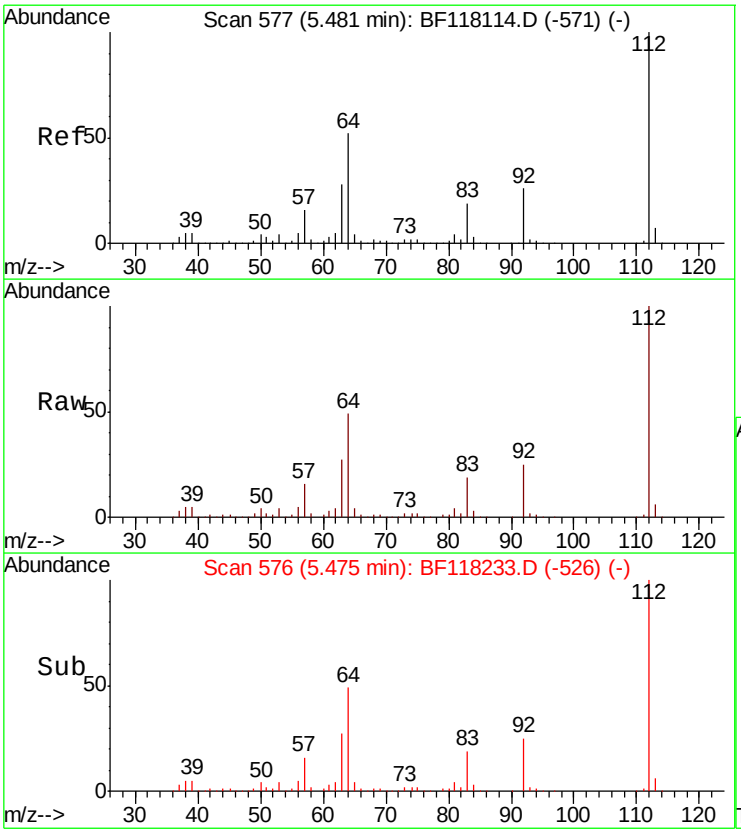
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 106323

Ion	Ratio	Lower	Upper
152	100		
150	159.1	128.3	192.5
115	64.7	51.1	76.7

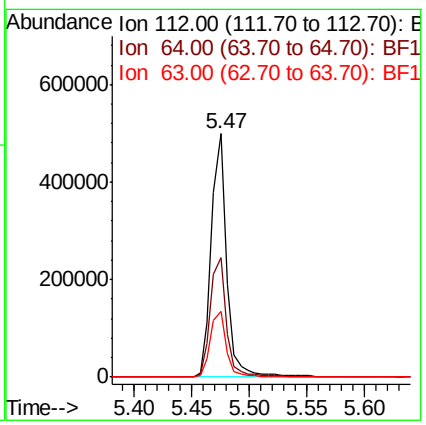


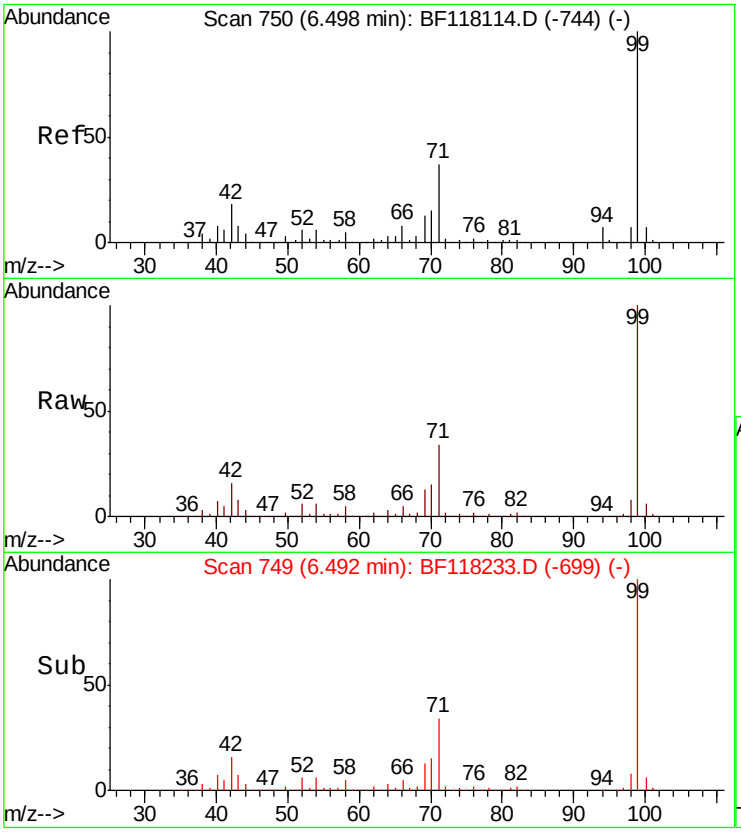


#5
2-Fluorophenol
Concen: 76.836 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Tgt Ion:112 Resp: 466434

Ion	Ratio	Lower	Upper
112	100		
64	49.2	41.3	61.9
63	27.1	22.4	33.6



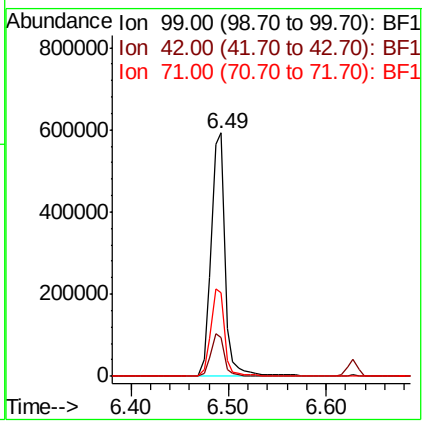


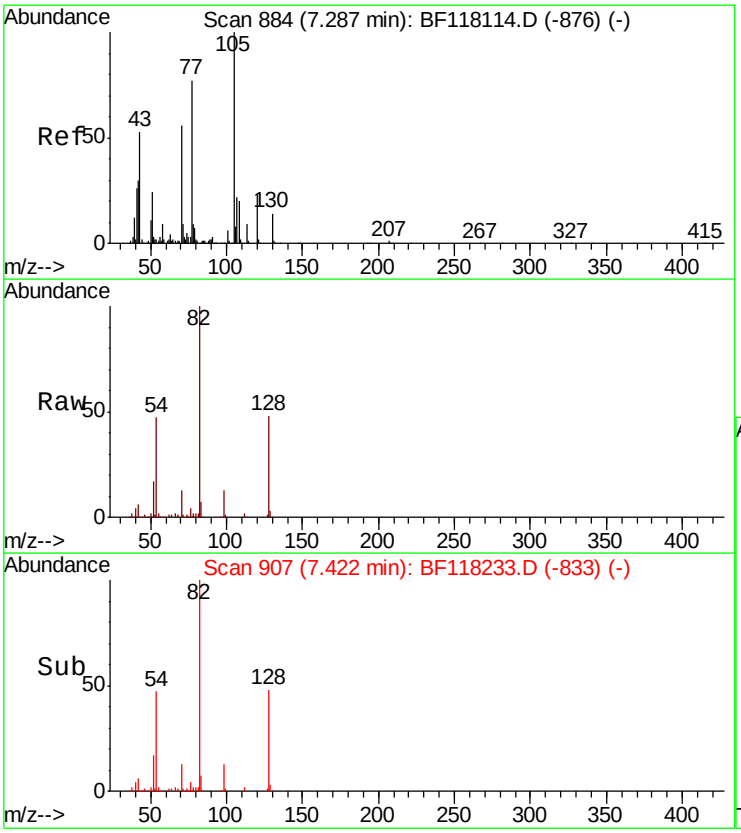
#7
Phenol-d6
Concen: 81.049 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 595099

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	34.4	29.7	44.5

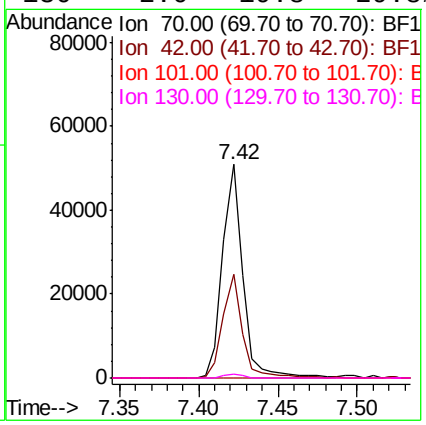


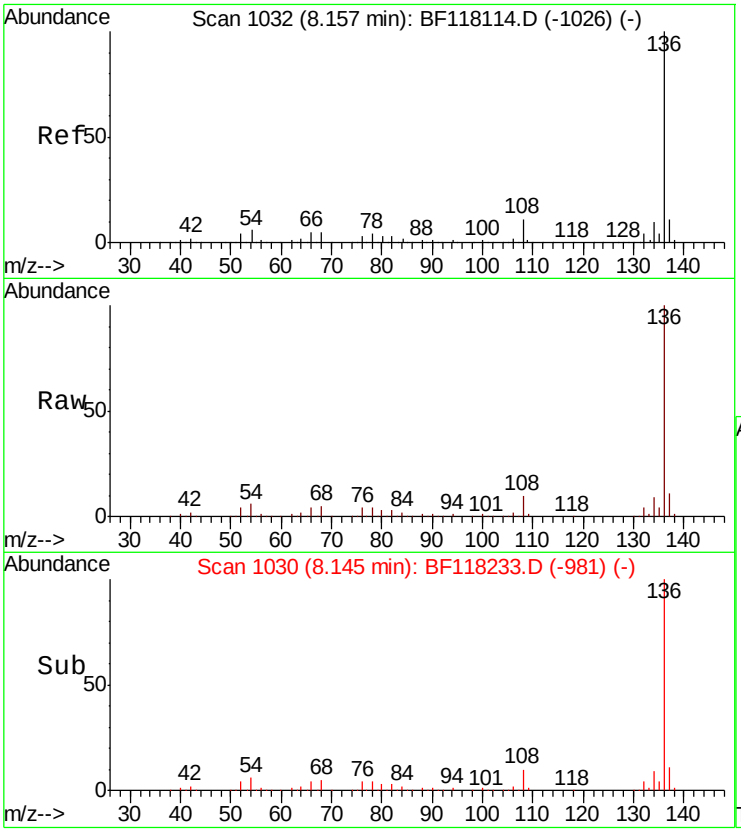


#19
n-Nitroso-di-n-propylamine
Concen: 10.215 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Tgt Ion: 70 Resp: 45577

Ion	Ratio	Lower	Upper
70	100		
42	48.7	43.2	64.8
101	0.0	8.1	12.1#
130	2.0	19.8	29.8#



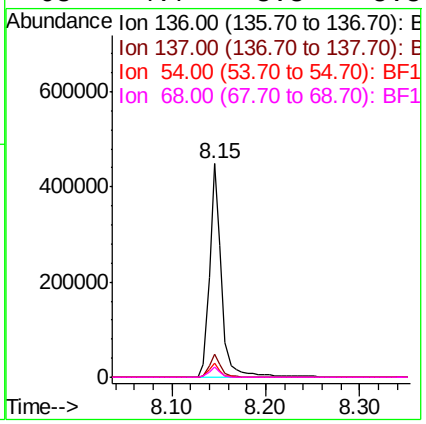


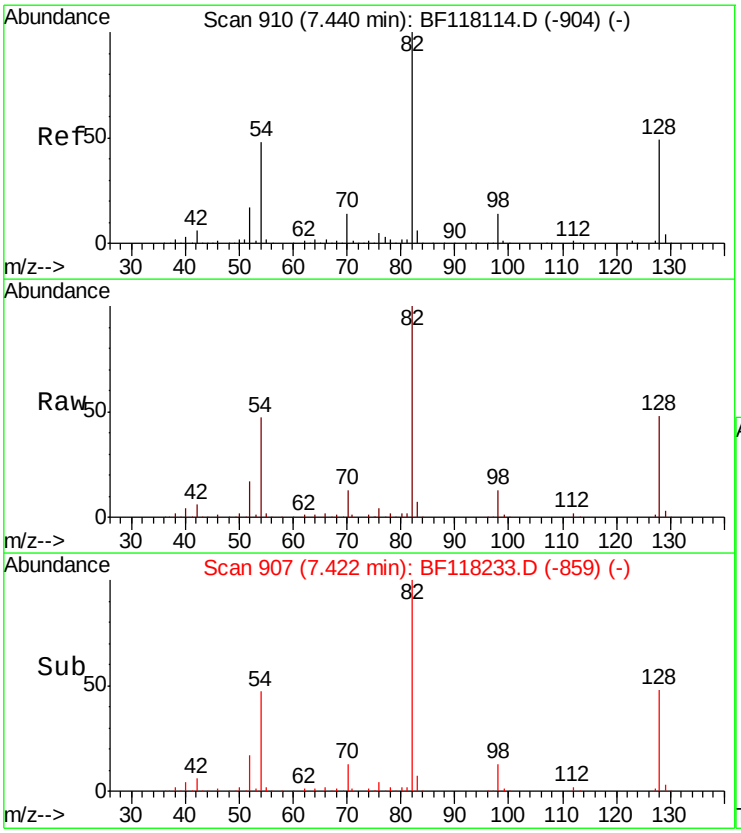
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 405430

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.4	5.0	7.6
68	4.7	3.8	5.8

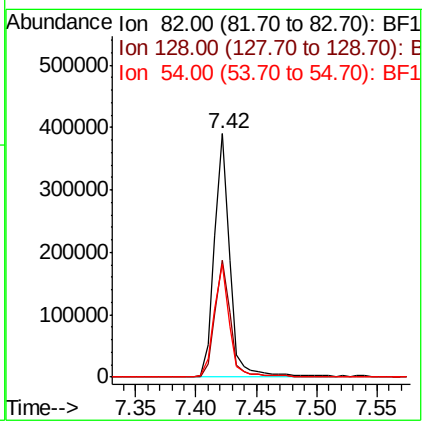


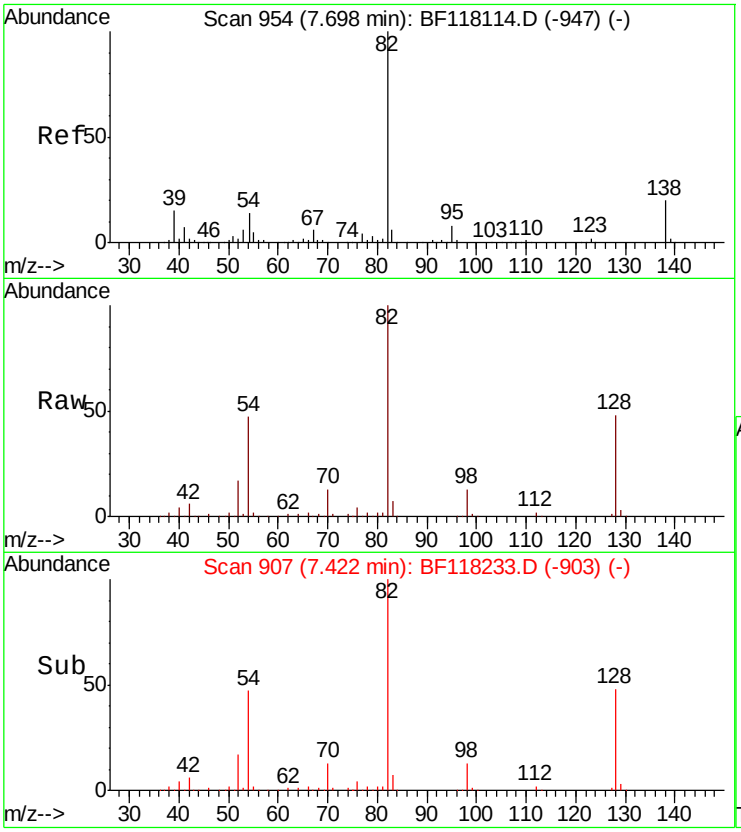


#23
Nitrobenzene-d5
Concen: 47.391 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Tgt Ion: 82 Resp: 341527

Ion	Ratio	Lower	Upper
82	100		
128	47.9	39.1	58.7
54	46.6	38.2	57.2



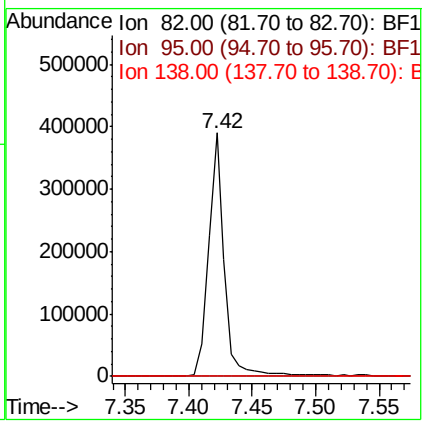


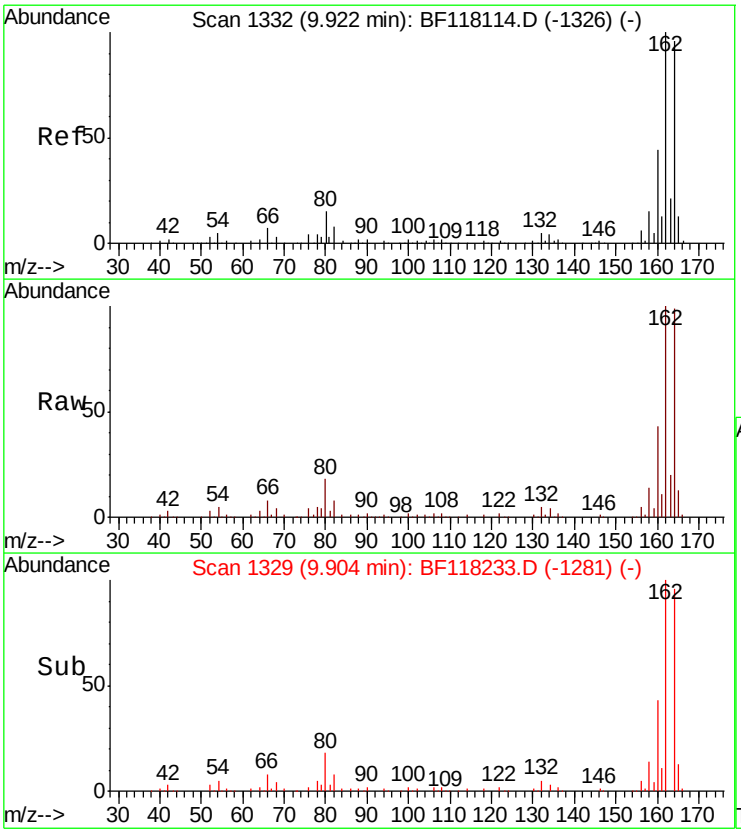
#25
Isophorone
Concen: 27.955 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 341523

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

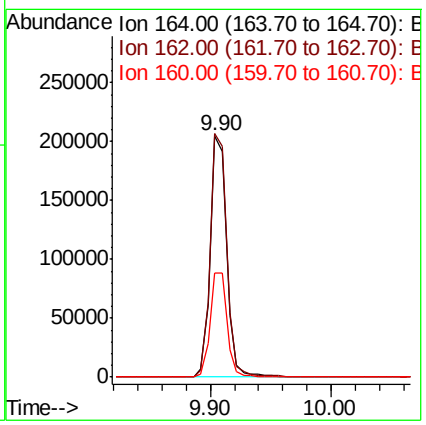


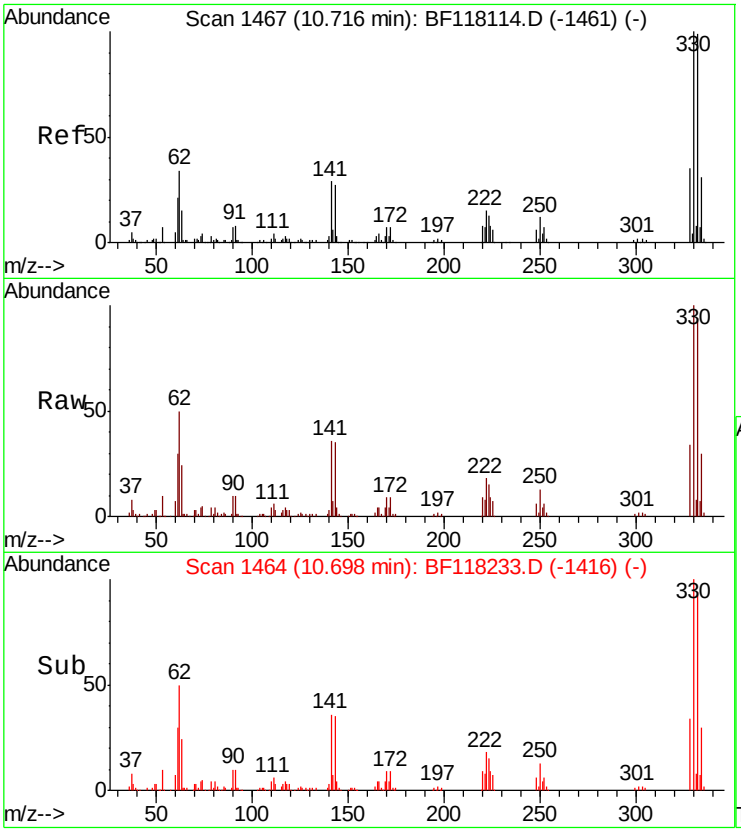


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Tgt Ion:164 Resp: 191592

Ion	Ratio	Lower	Upper
164	100		
162	100.7	83.4	125.0
160	42.9	36.6	54.8



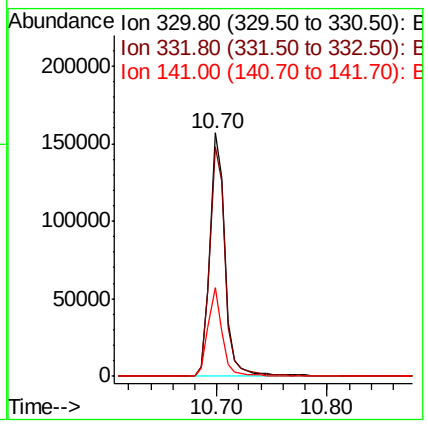


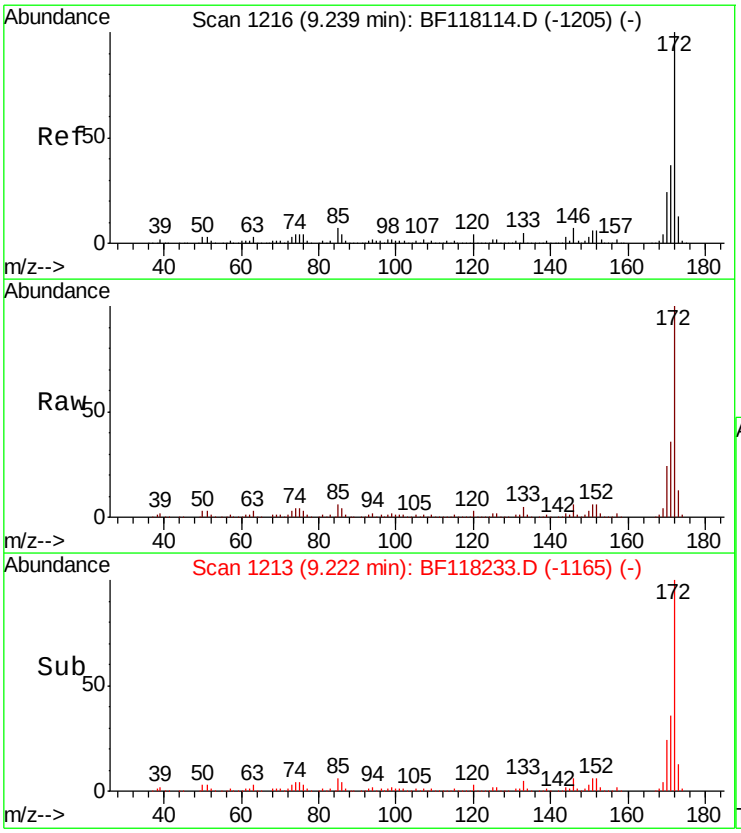
#42
2,4,6-Tribromophenol
Concen: 62.957 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 146531

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	34.1	26.9	40.3

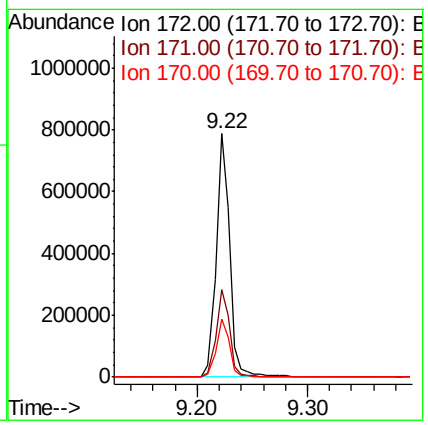


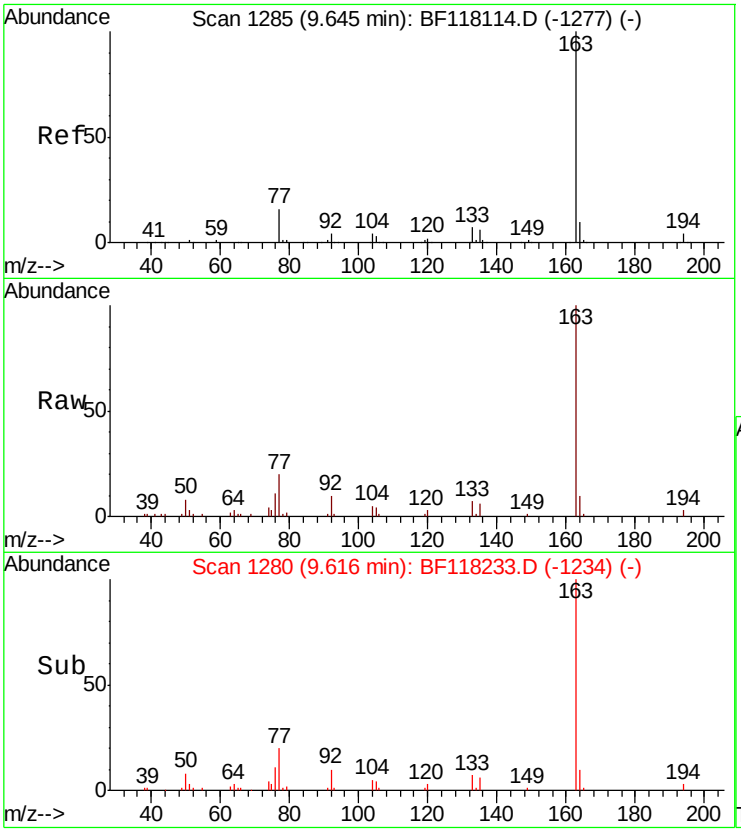


#45
2-Fluorobiphenyl
Concen: 52.898 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Tgt Ion:172 Resp: 666046

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.6	19.4	29.2



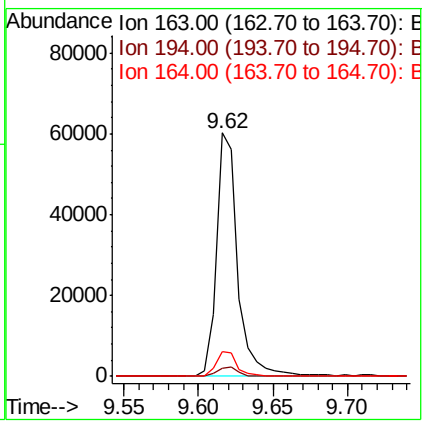


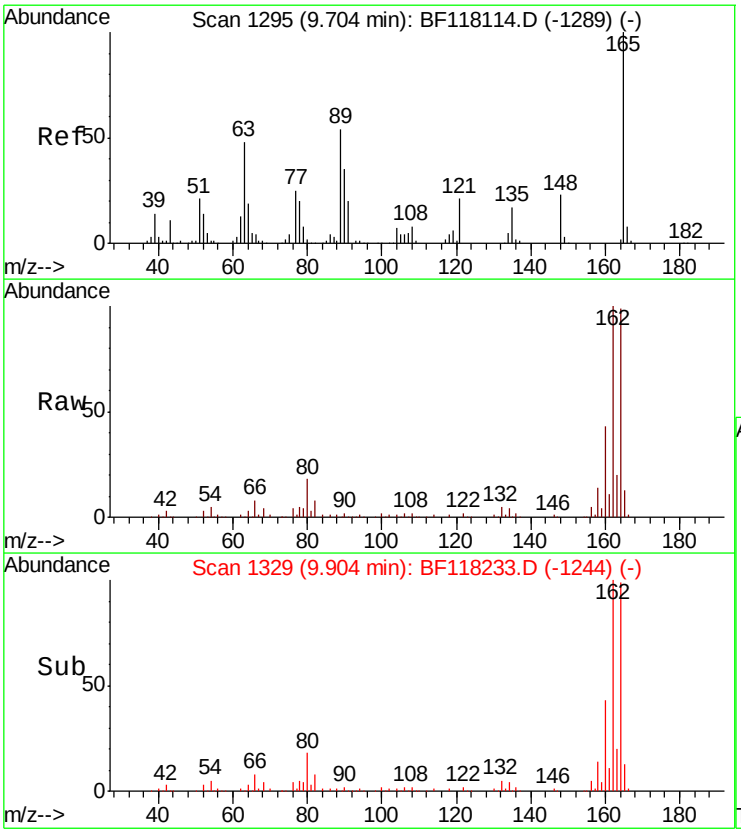
#50
Dimethylphthalate
Concen: 4.231 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 59878

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.1	4.7
164	10.0	7.7	11.5

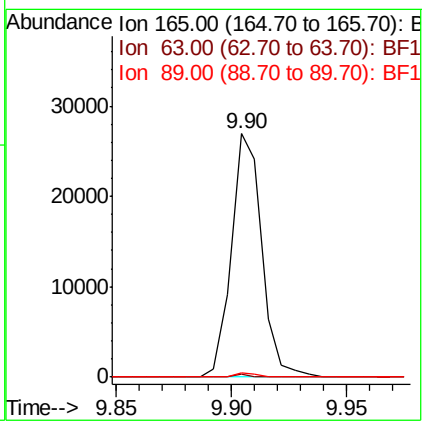


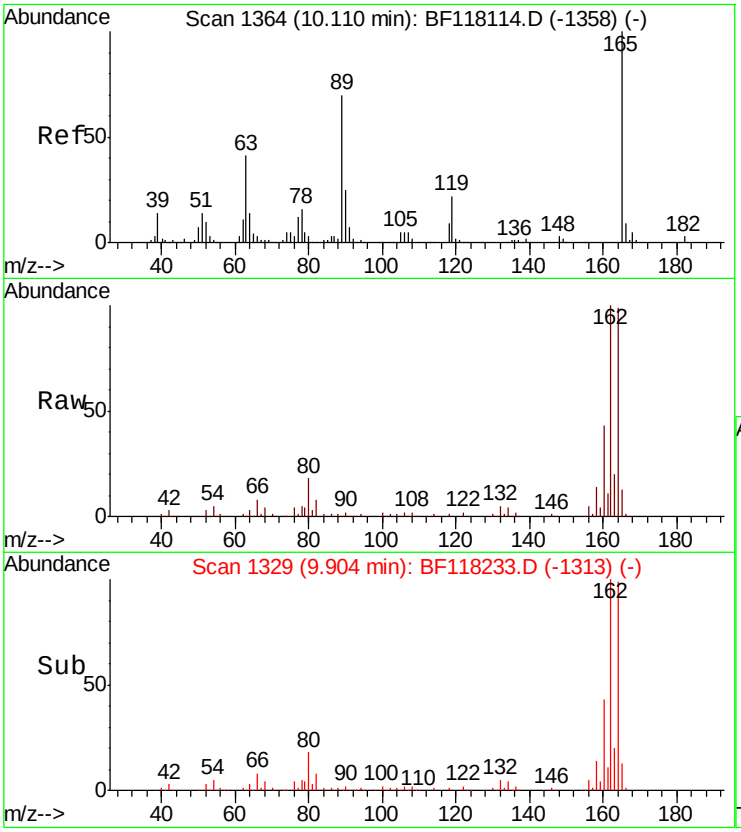


#51
2,6-Dinitrotoluene
Concen: 7.992 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Tgt Ion:165 Resp: 24594

Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.4	62.0#
89	1.9	42.9	64.3#



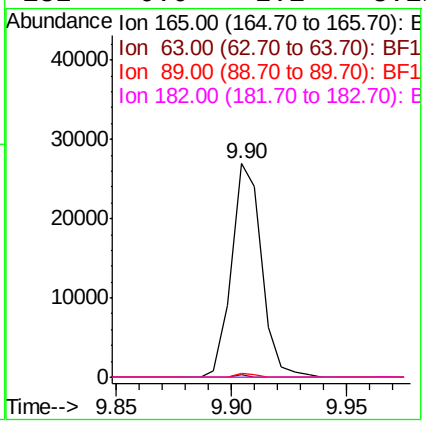


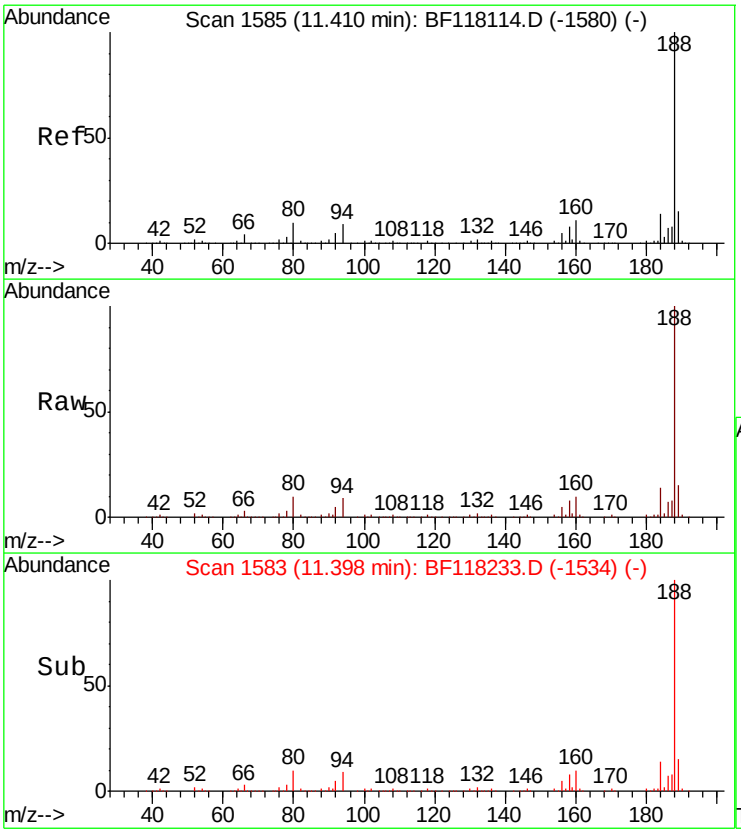
#57
2,4-Dinitrotoluene
Concen: 5.988 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24594

Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.6	49.0#
89	1.9	56.1	84.1#
182	0.0	2.1	3.1#

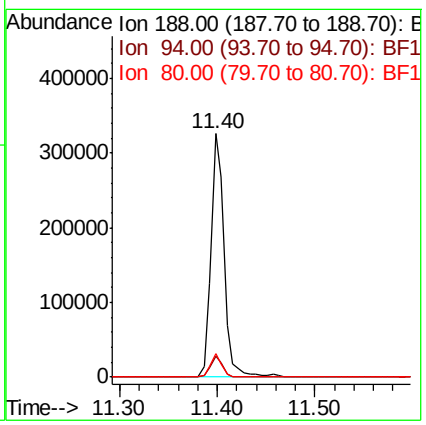


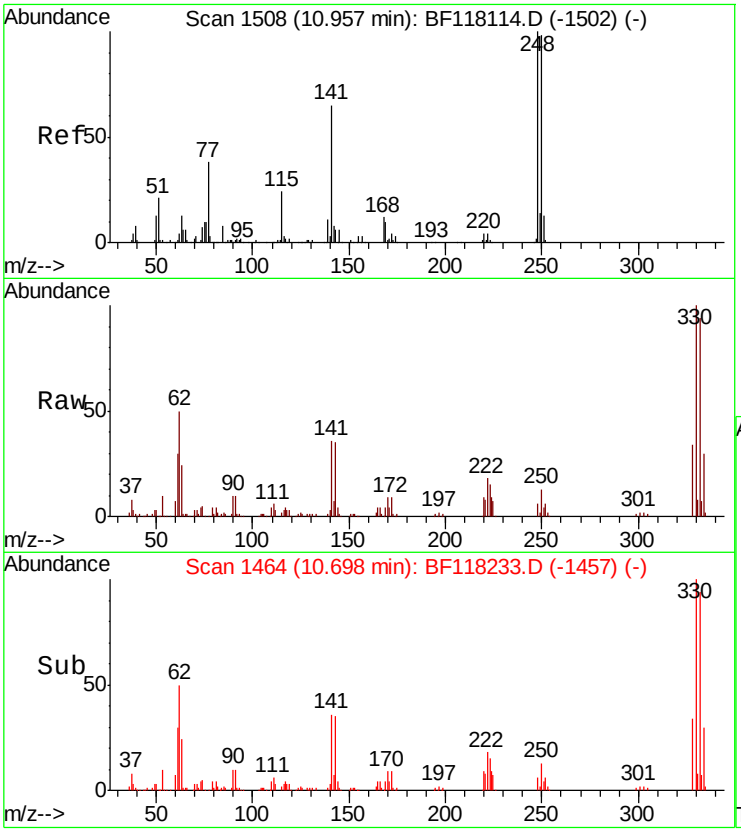


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Tgt Ion:188 Resp: 304346

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.1	10.7
80	9.7	7.9	11.9



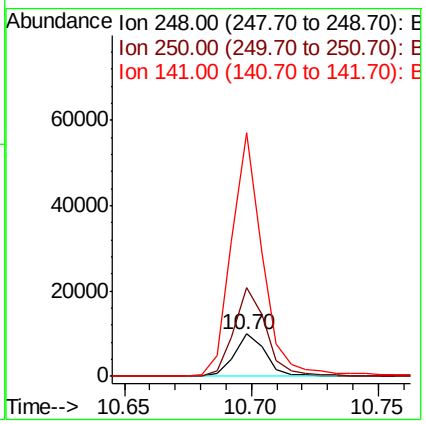


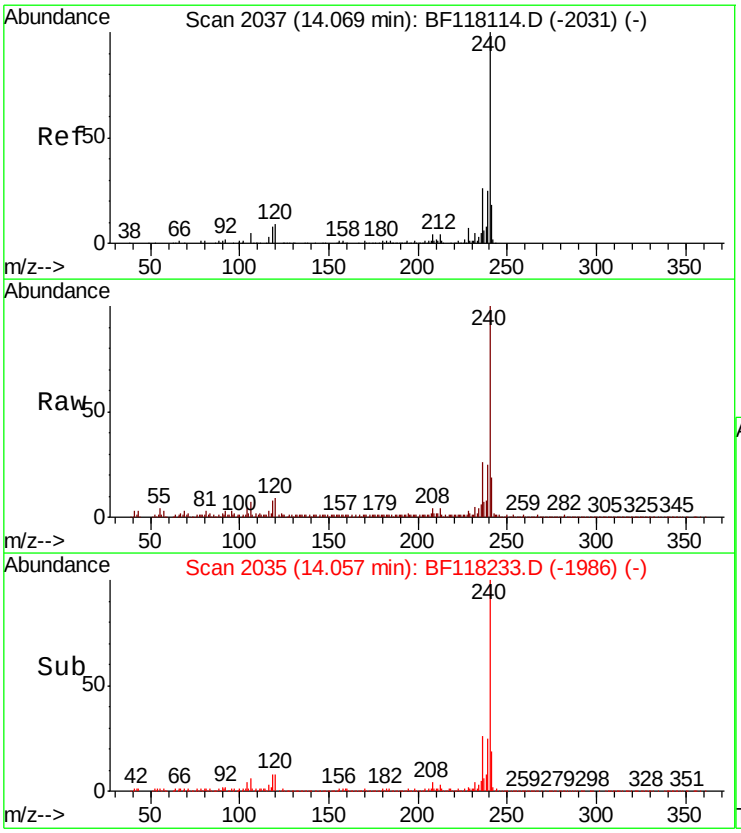
#67
4-Bromophenyl-phenylether
Concen: 2.462 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8554

Ion	Ratio	Lower	Upper
248	100		
250	208.9	78.3	117.5#
141	572.1	52.2	78.4#

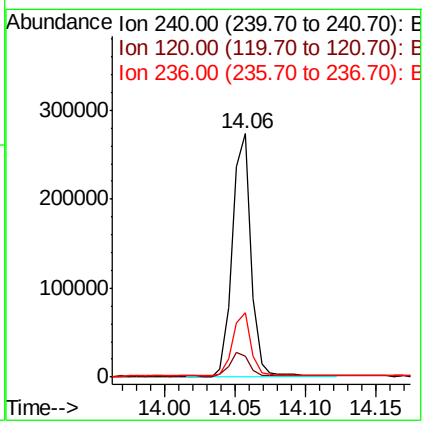


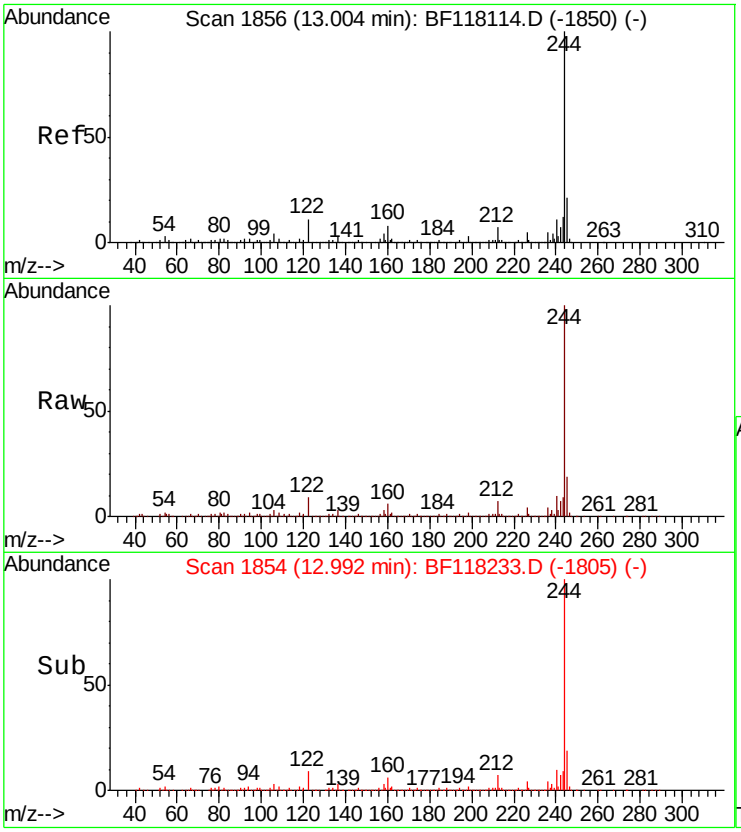


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Tgt Ion:240 Resp: 250911

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.1	10.7
236	26.2	21.0	31.6



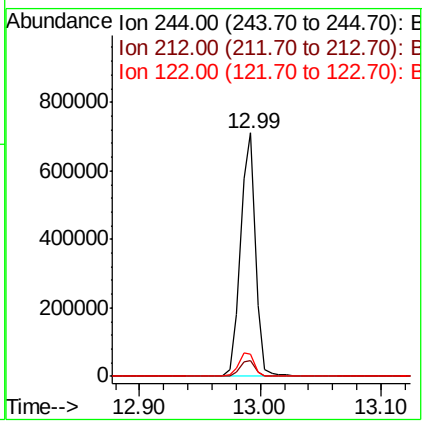


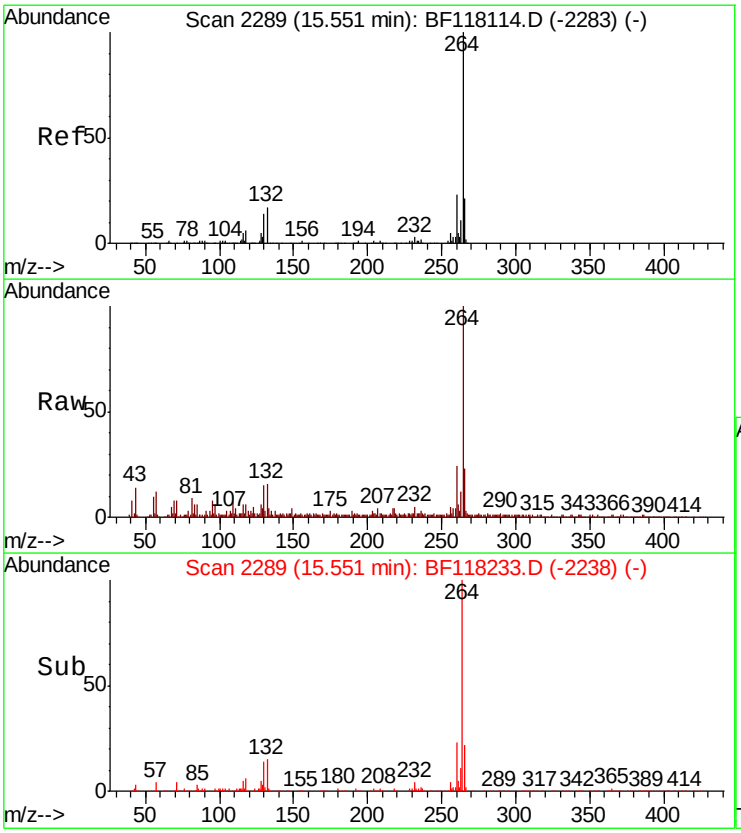
#79
Terphenyl-d14
Concen: 42.199 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 615719

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	9.3	9.0	13.6

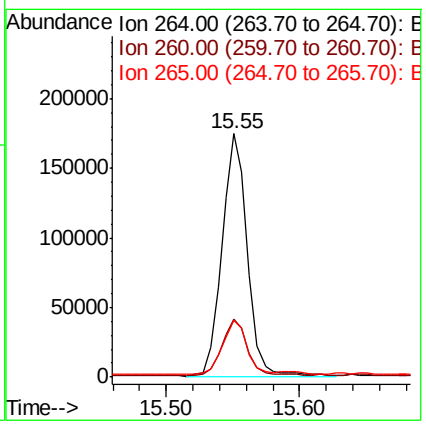


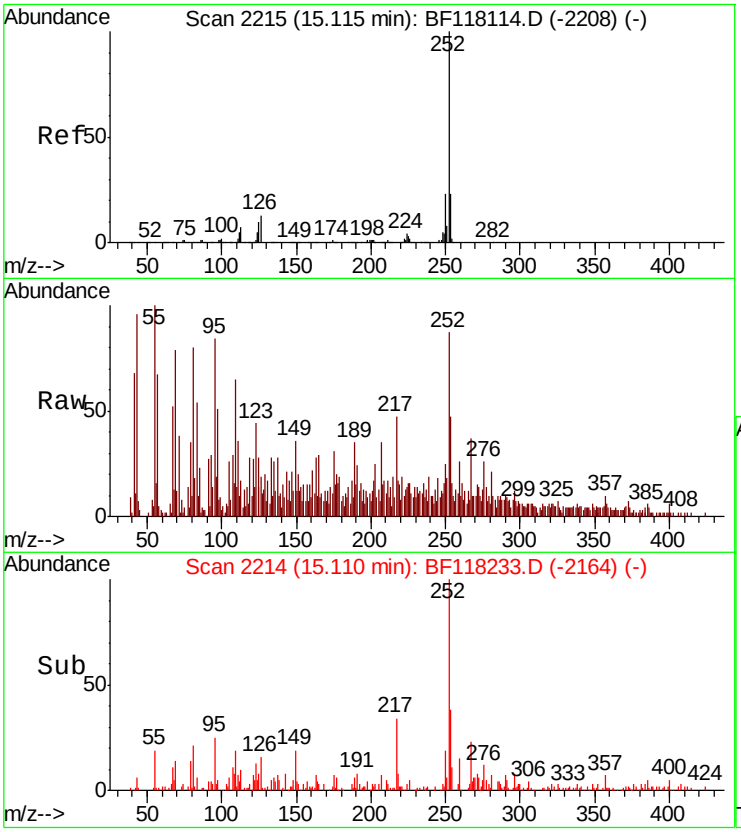


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Tgt Ion:264 Resp: 230824

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	23.1	16.8	25.2



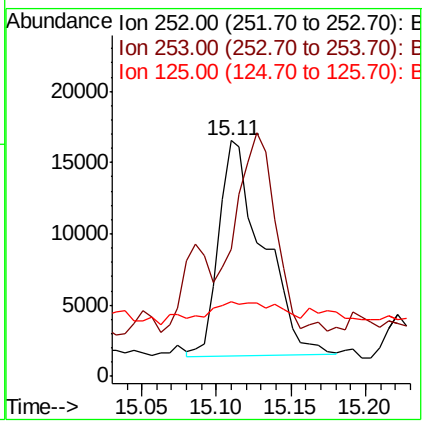


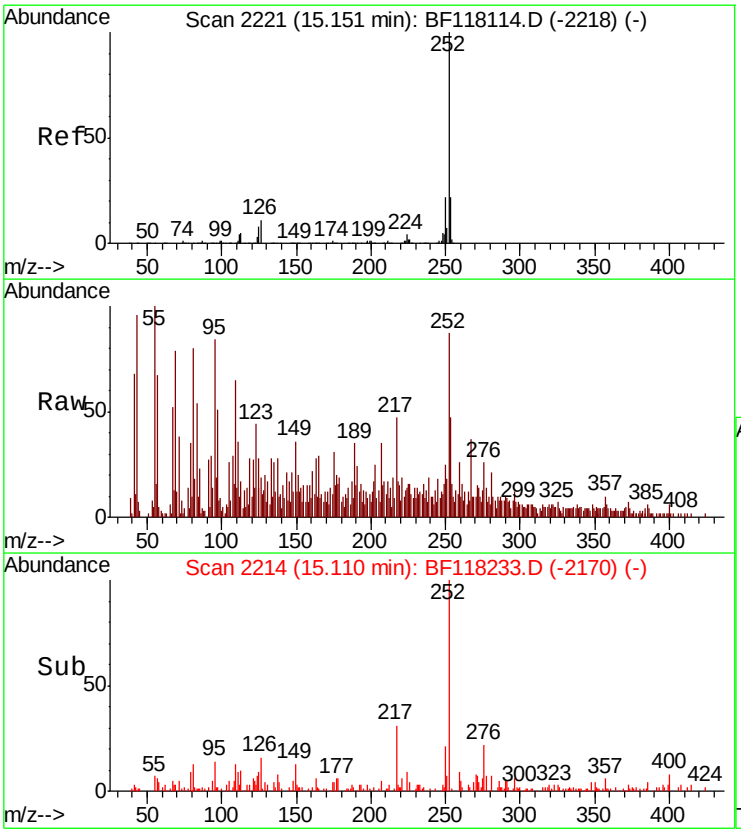
#88
Benzo(b)fluoranthene
Concen: 2.049 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 31273

Ion	Ratio	Lower	Upper
252	100		
253	53.7	18.2	27.4#
125	31.7	8.3	12.5#





#89
Benzo(k)fluoranthene
Concen: 2.132 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF118233.D
Acq: 17 Dec 2019 18:27

Tgt Ion:252 Resp: 31273

Ion	Ratio	Lower	Upper
252	100		
253	53.7	17.6	26.4#
125	31.7	6.7	10.1#