Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118194.D
Acq On : 13 Dec 2019 18:59
Operator : JU
Sample : K6274-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 13 22:47:19 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	109709	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	417891	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	201960	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	258651	20.00	ng	0.03
76) Chrysene-d12	14.08	240	235660	20.00	ng	0.01
87) Perylene-d12	15.56	264	242239	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	604103	96.44	ng	0.00
7) Phenol-d6	6.50	99	770426	101.69	ng	0.00
23) Nitrobenzene-d5	7.43	82	475413	64.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	197517	80.51	ng	0.01
45) 2-Fluorobiphenyl	9.23	172	967877	72.92	ng	0.00
79) Terphenyl-d14	13.03	244	852501	62.21	ng	0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.42	77	1187	Below Cal	#	78
19) n-Nitroso-di-n-propylamine	7.43	70	65454	14.217	ng	# 79
25) Isophorone	7.43	82	475406	37.754	ng	# 62
50) Dimethylphthalate	9.63	163	38576	2.586	ng	# 88
53) 3-Nitroaniline	9.90	138	14077	3.688	ng	# 33
66) n-Nitrosodiphenylamine	10.59	169	37201	4.606	ng	# 65
69) Atrazine	11.13	200	10169	3.671	ng	# 1
70) Pentachlorophenol	11.21	266	5111	3.127	ng	# 1
71) Phenanthrene	11.46	178	32336	2.352	ng	# 1
74) Di-n-butylphthalate	12.02	149	36762	2.387	ng	# 33

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

Quantitation Report (Not Reviewed)

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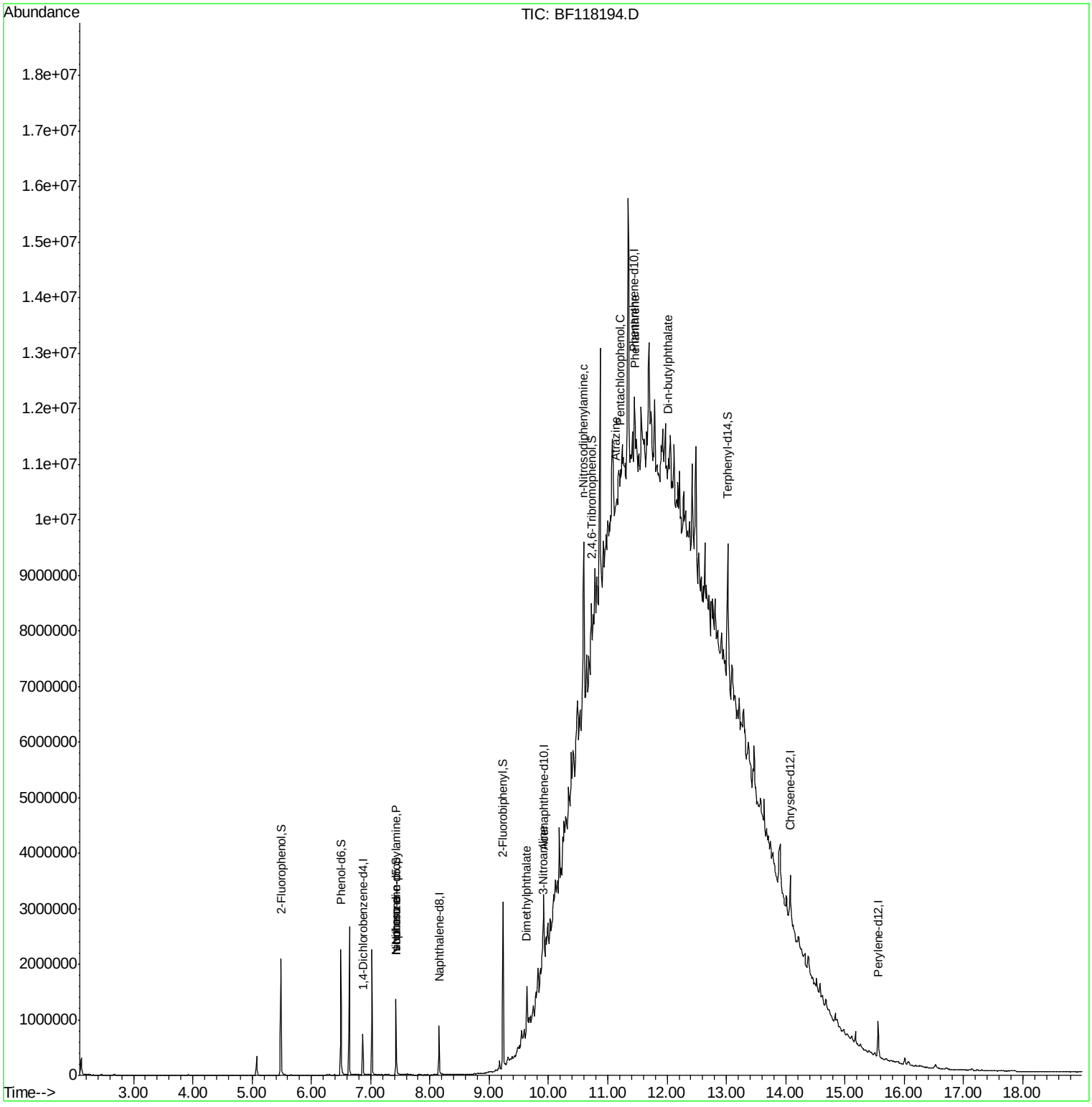
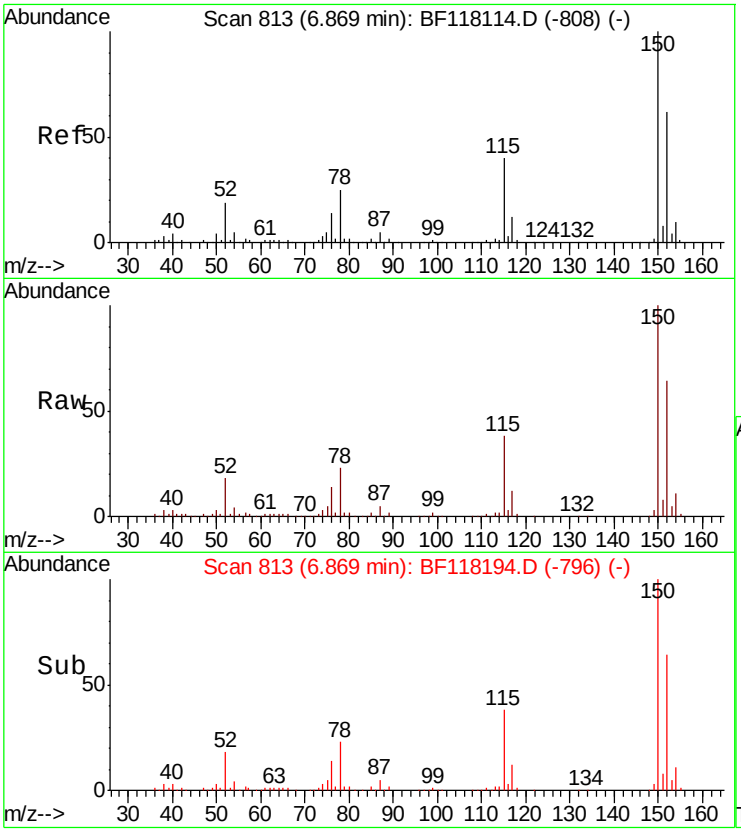


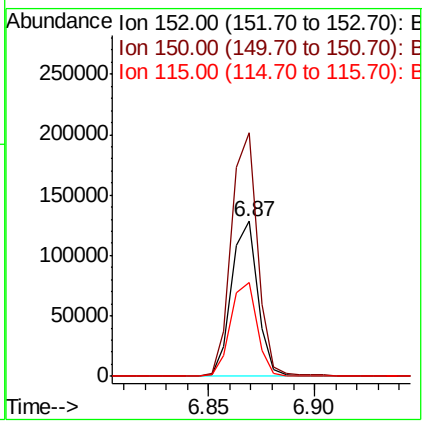


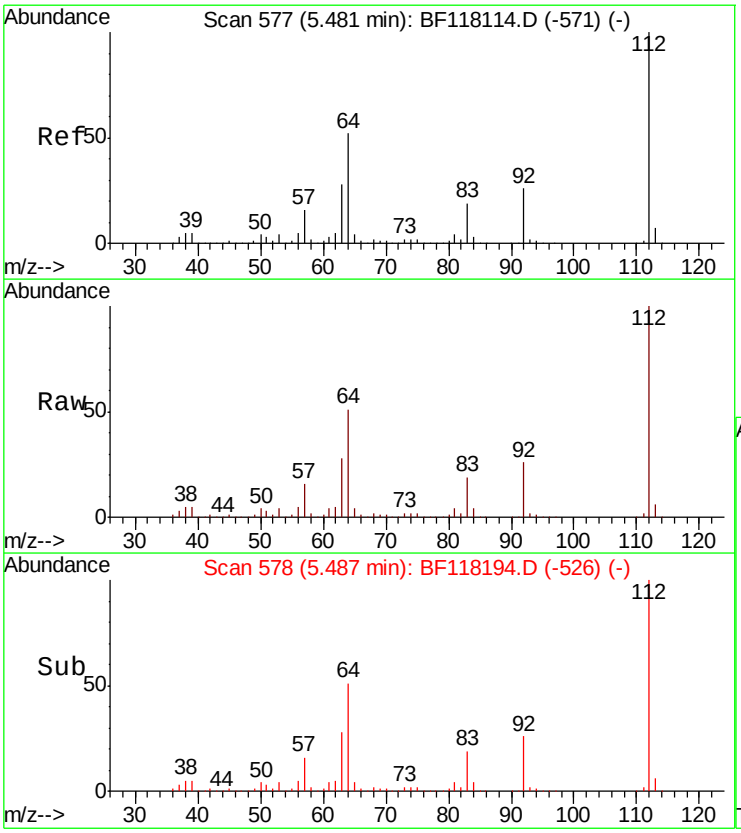
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 109709

Ion	Ratio	Lower	Upper
152	100		
150	156.9	128.3	192.5
115	60.4	51.1	76.7

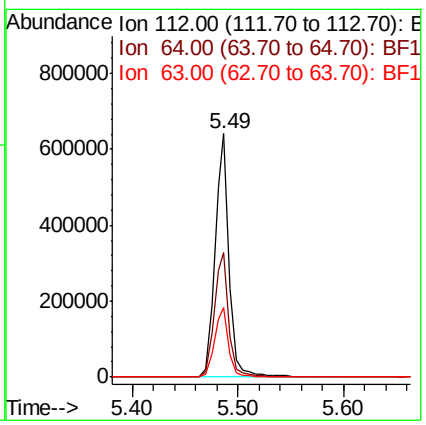


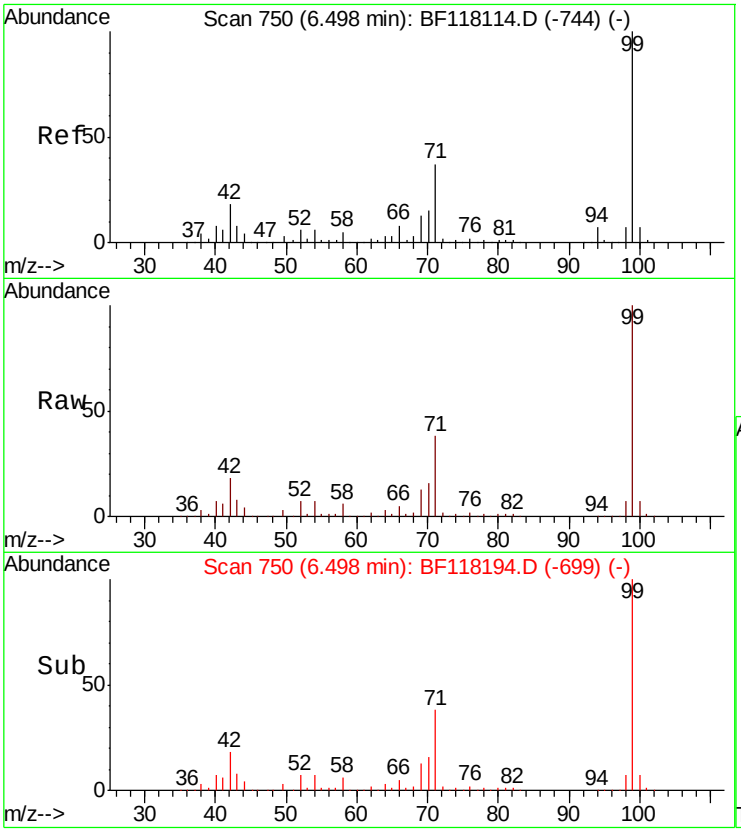


#5
2-Fluorophenol
Concen: 96.443 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion:112 Resp: 604103

Ion	Ratio	Lower	Upper
112	100		
64	51.1	41.3	61.9
63	28.3	22.4	33.6



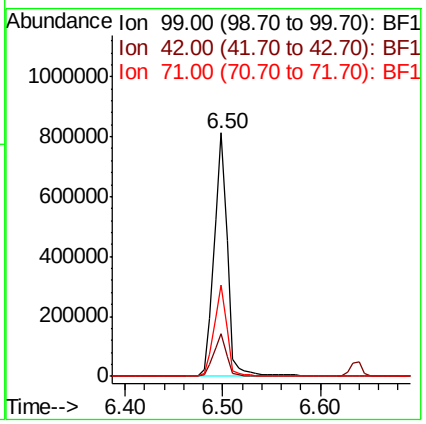


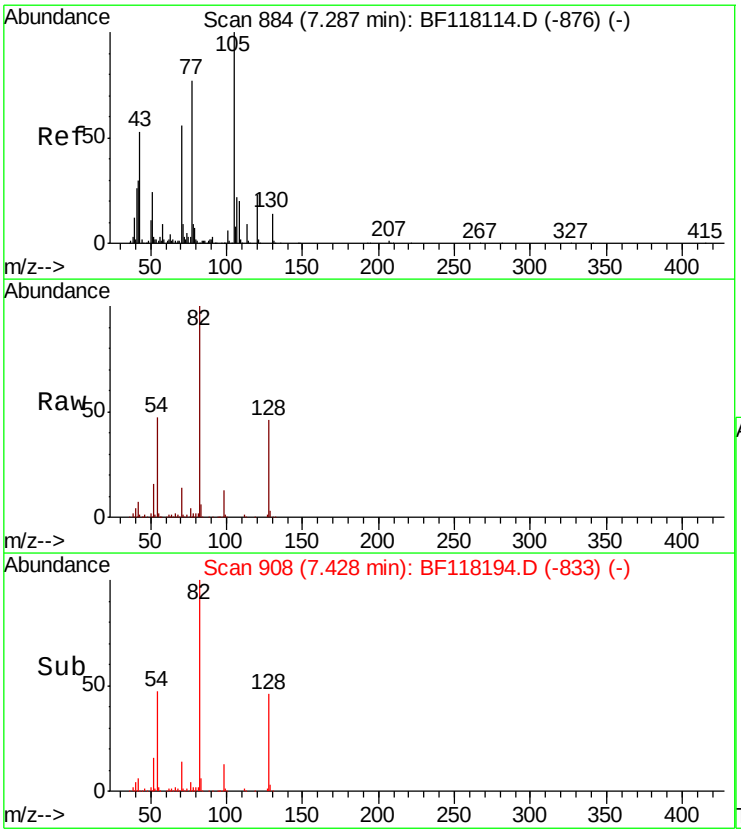
#7
Phenol-d6
Concen: 101.689 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 770426

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.1	21.1
71	37.5	29.7	44.5

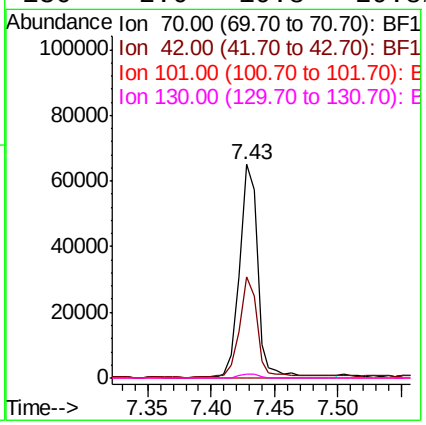


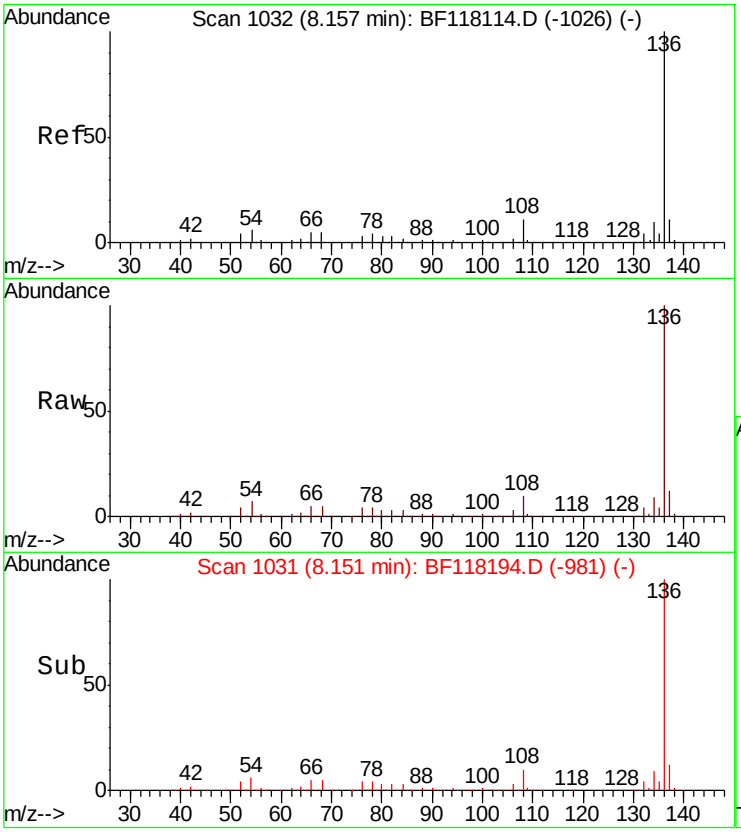


#19
n-Nitroso-di-n-propylamine
Concen: 14.217 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion: 70 Resp: 65454

Ion	Ratio	Lower	Upper
70	100		
42	47.5	43.2	64.8
101	0.0	8.1	12.1#
130	2.0	19.8	29.8#



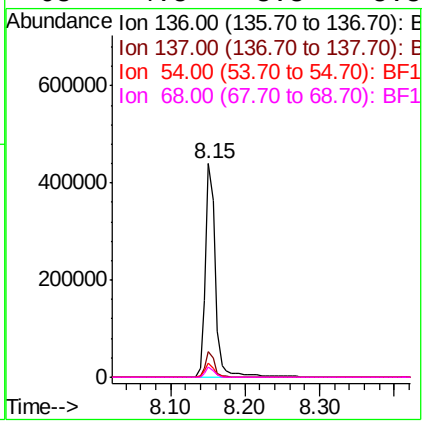


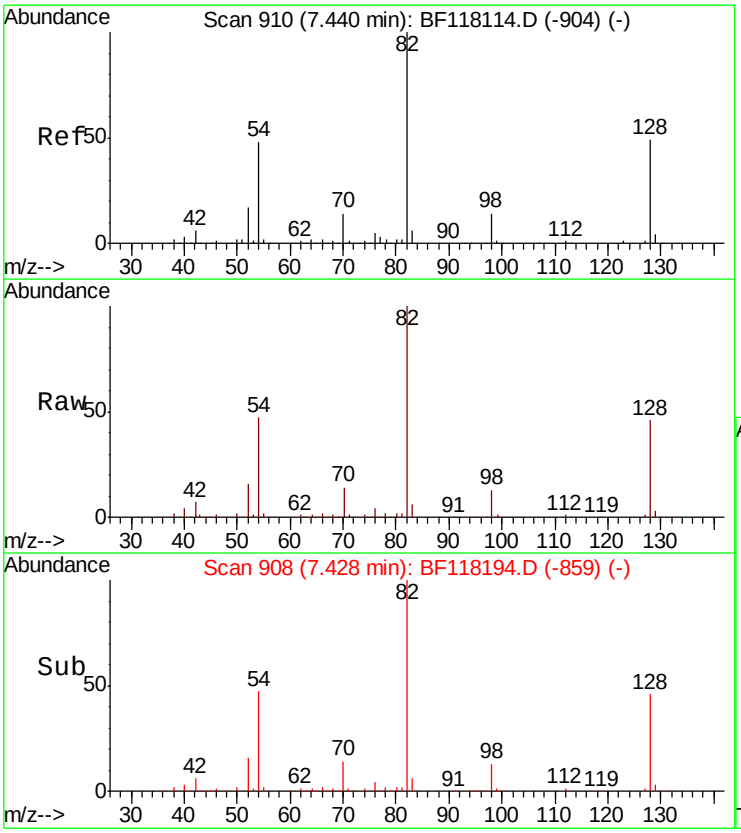
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 417891

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	6.5	5.0	7.6
68	4.5	3.8	5.8

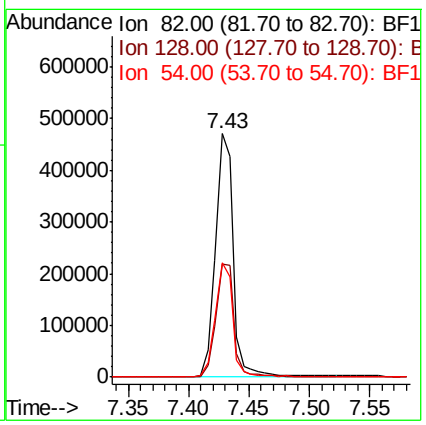


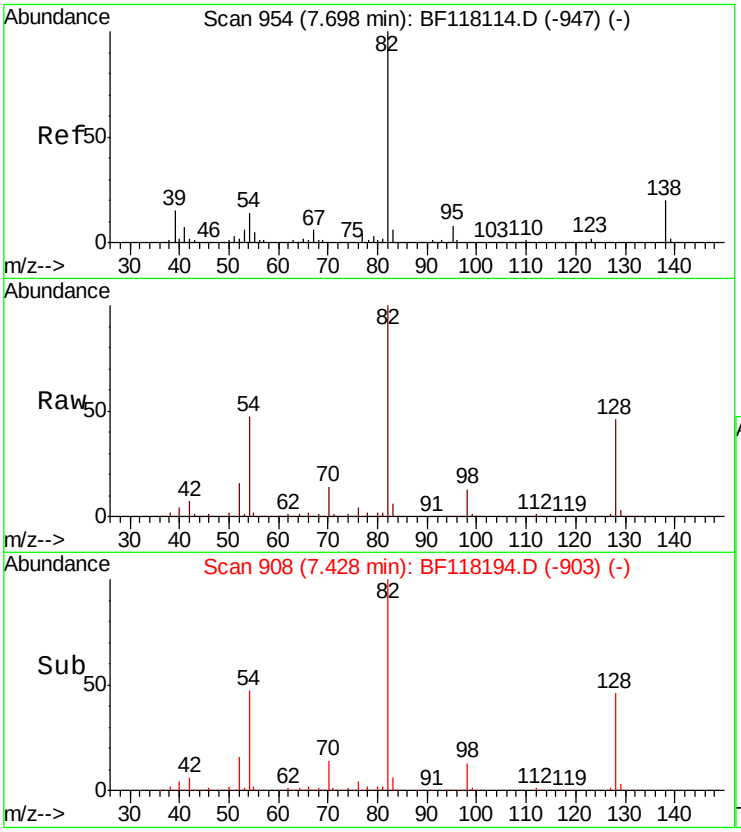


#23
Nitrobenzene-d5
Concen: 64.002 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion: 82 Resp: 475413

Ion	Ratio	Lower	Upper
82	100		
128	46.2	39.1	58.7
54	47.1	38.2	57.2



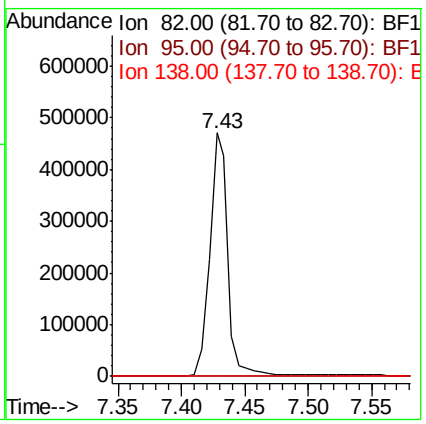


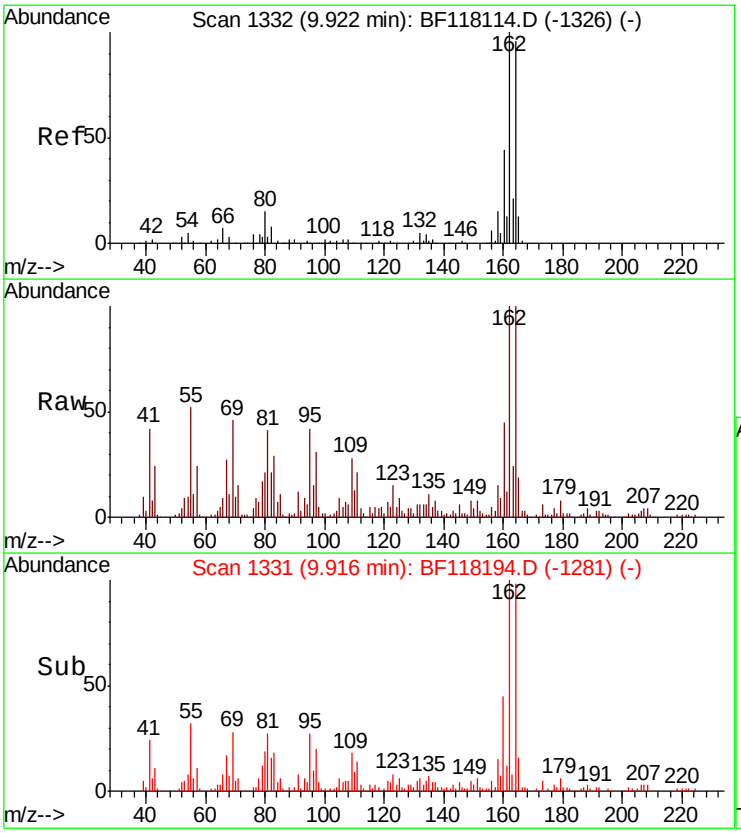
#25
Isophorone
Concen: 37.754 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 475406

Ion	Ratio	Lower	Upper
82	100		
95	0.1	6.3	9.5#
138	0.0	16.3	24.5#

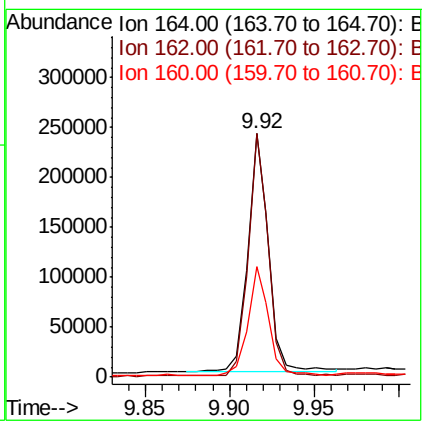


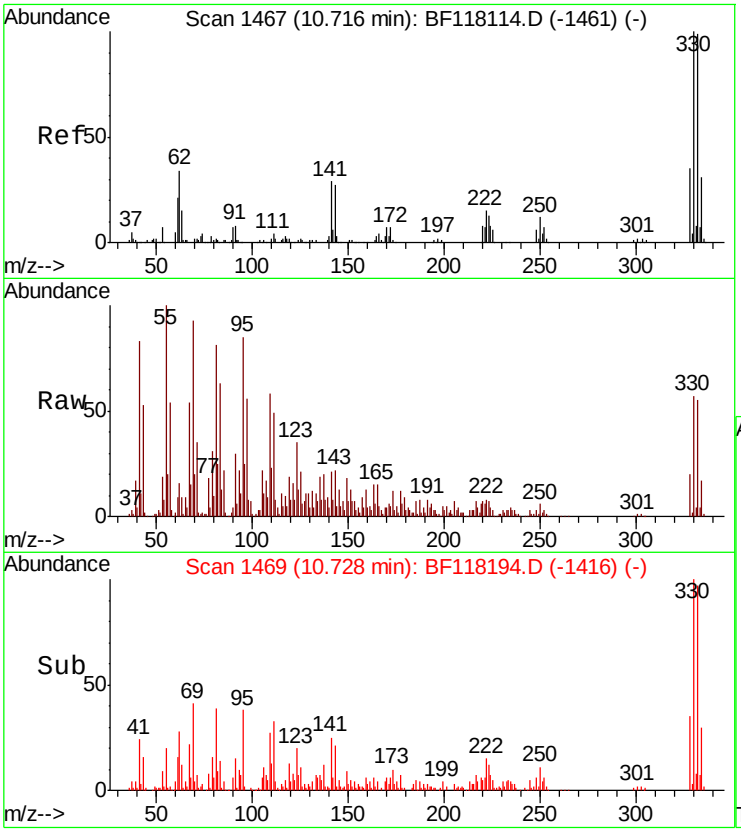


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion:164 Resp: 201960

Ion	Ratio	Lower	Upper
164	100		
162	100.0	83.4	125.0
160	45.3	36.6	54.8



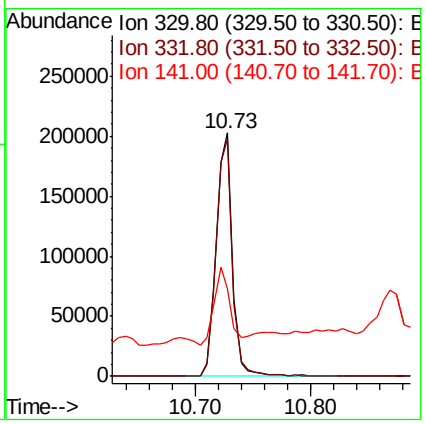


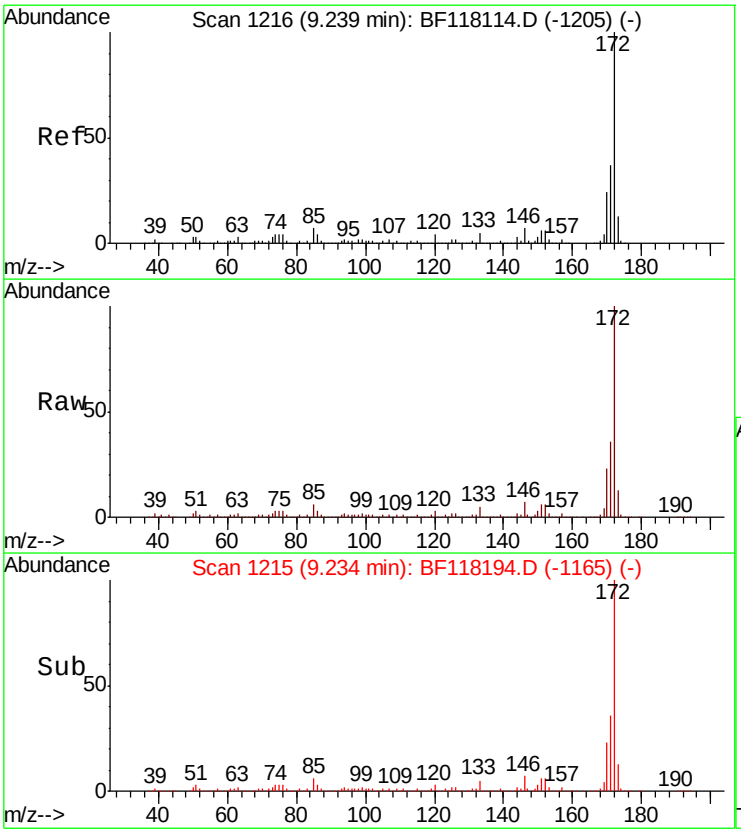
#42
2,4,6-Tribromophenol
Concen: 80.506 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 197517

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	32.1	26.9	40.3

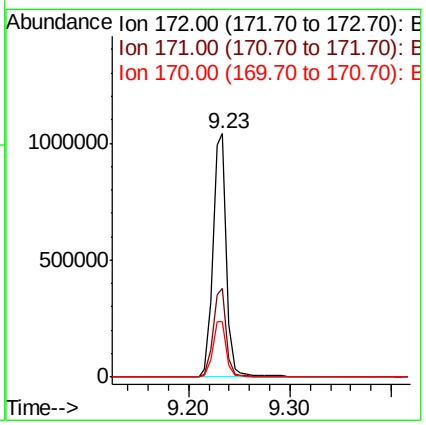


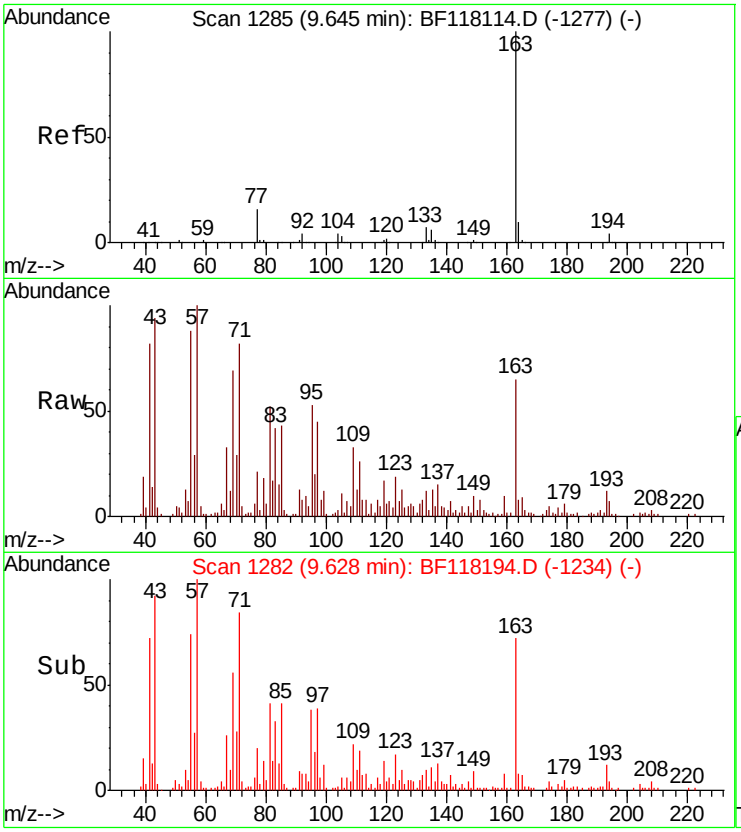


#45
2-Fluorobiphenyl
Concen: 72.924 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion:172 Resp: 967877

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	23.0	19.4	29.2



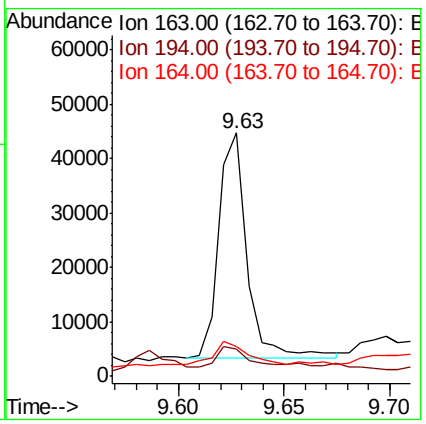


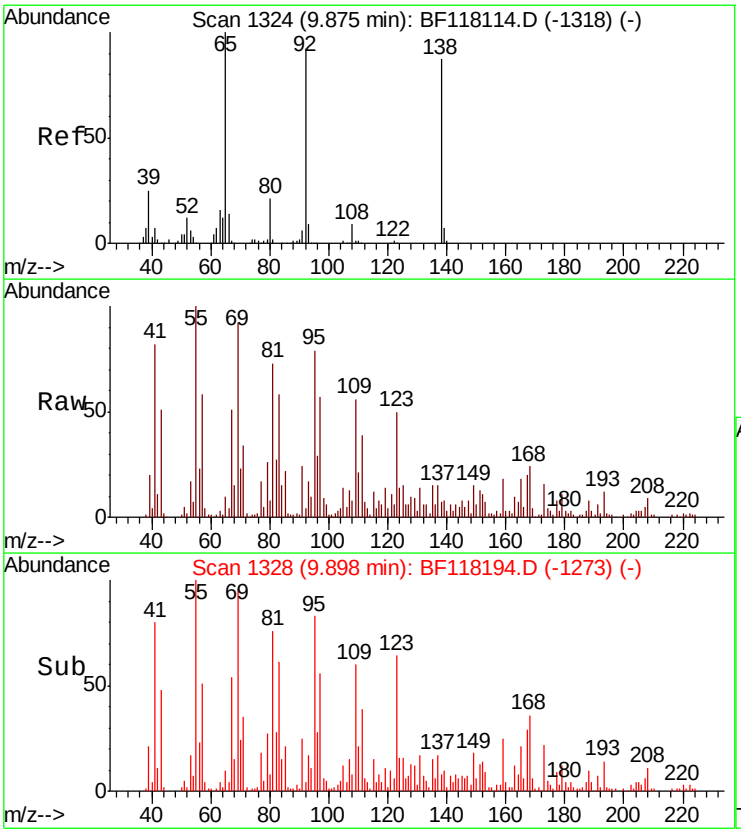
#50
Dimethylphthalate
Concen: 2.586 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 38576

Ion	Ratio	Lower	Upper
163	100		
194	11.2	3.1	4.7#
164	12.2	7.7	11.5#

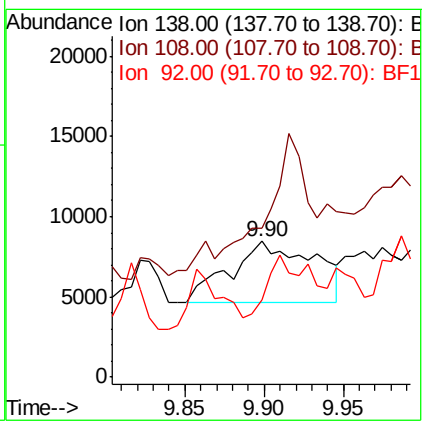


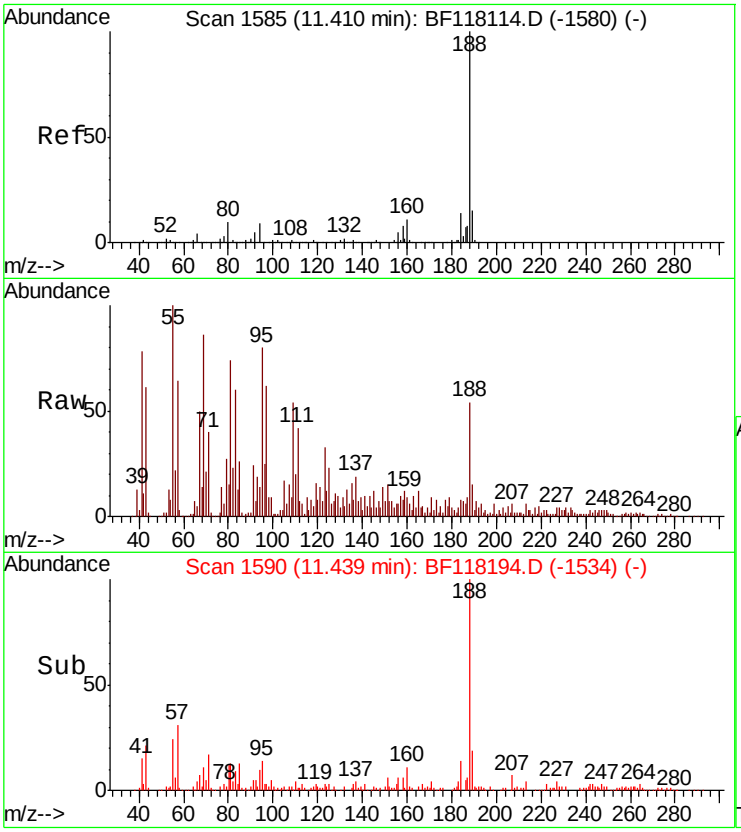


#53
3-Nitroaniline
Concen: 3.688 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion:138 Resp: 14077

Ion	Ratio	Lower	Upper
138	100		
108	109.5	8.2	12.4#
92	57.0	84.9	127.3#



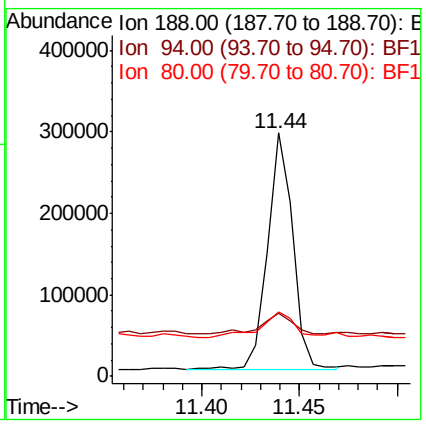


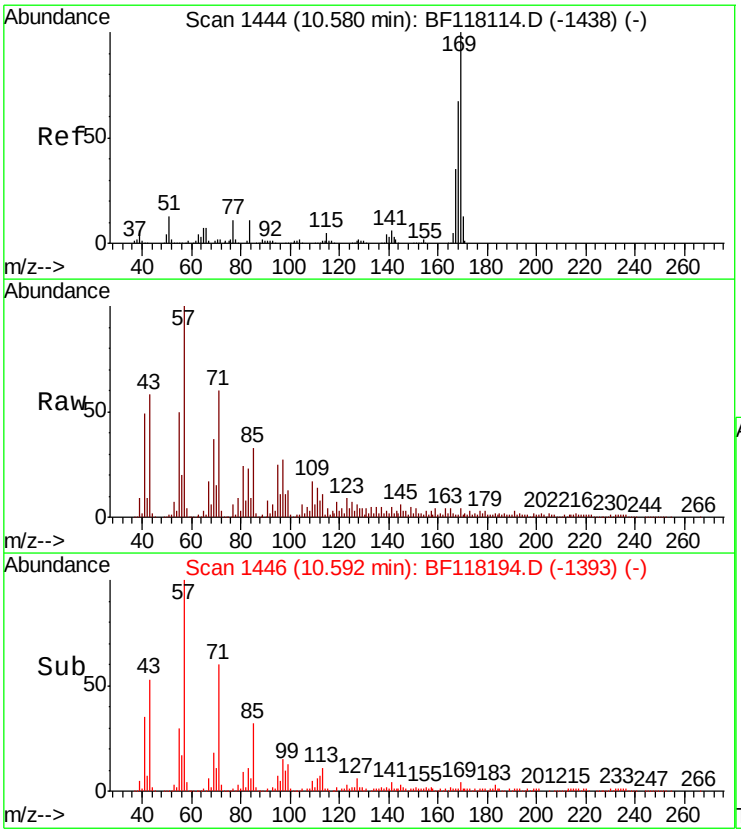
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.03 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 258651

Ion	Ratio	Lower	Upper
188	100		
94	25.9	7.1	10.7#
80	26.7	7.9	11.9#

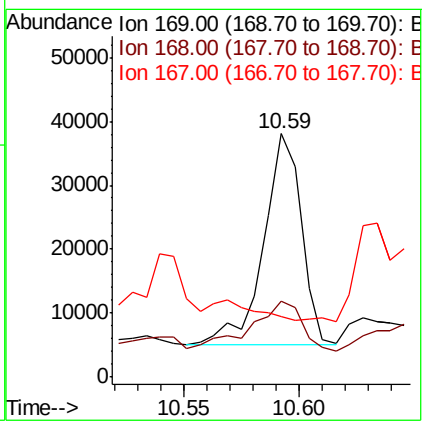


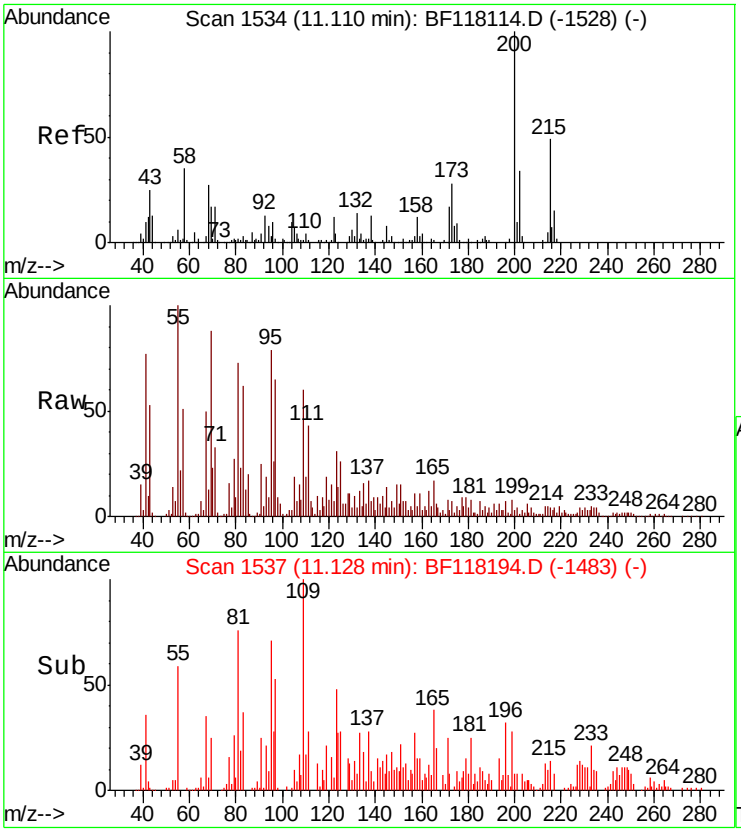


#66
n-Nitrosodiphenylamine
Concen: 4.606 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion:169 Resp: 37201

Ion	Ratio	Lower	Upper
169	100		
168	31.3	53.4	80.2#
167	24.7	28.4	42.6#



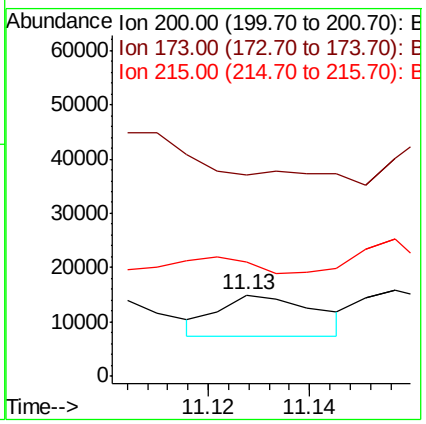


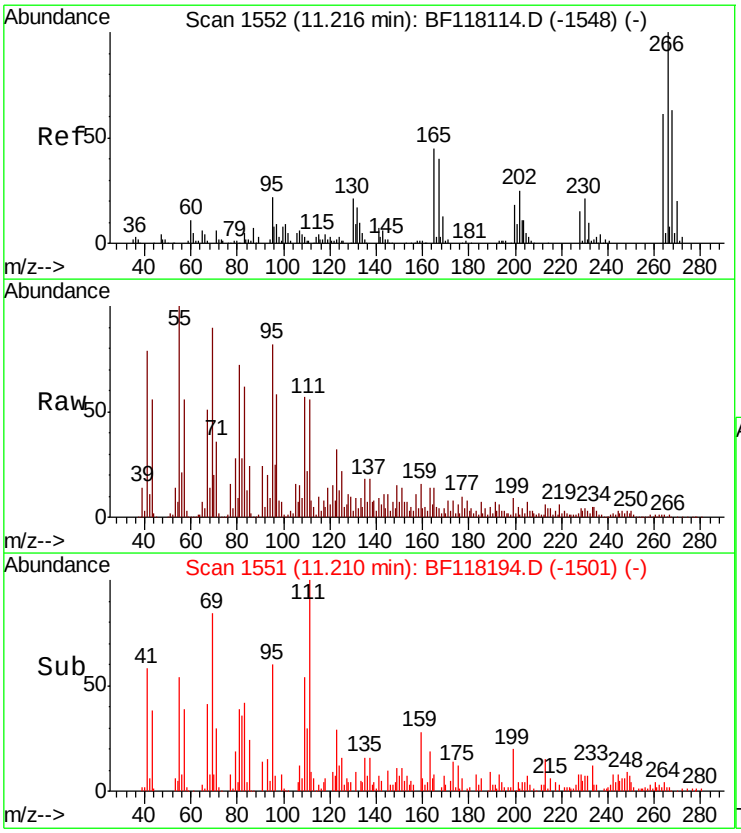
#69
Atrazine
Concen: 3.671 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.02 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:200 Resp: 10169

Ion	Ratio	Lower	Upper
200	100		
173	248.1	8.1	48.1#
215	139.9	29.0	69.0#

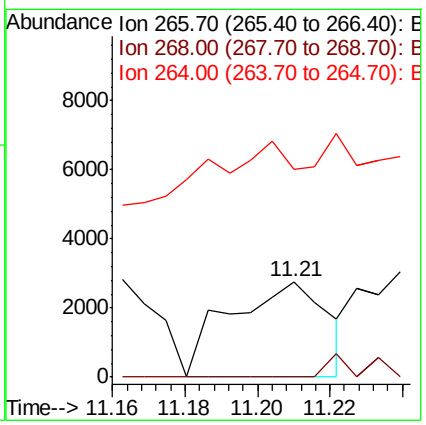


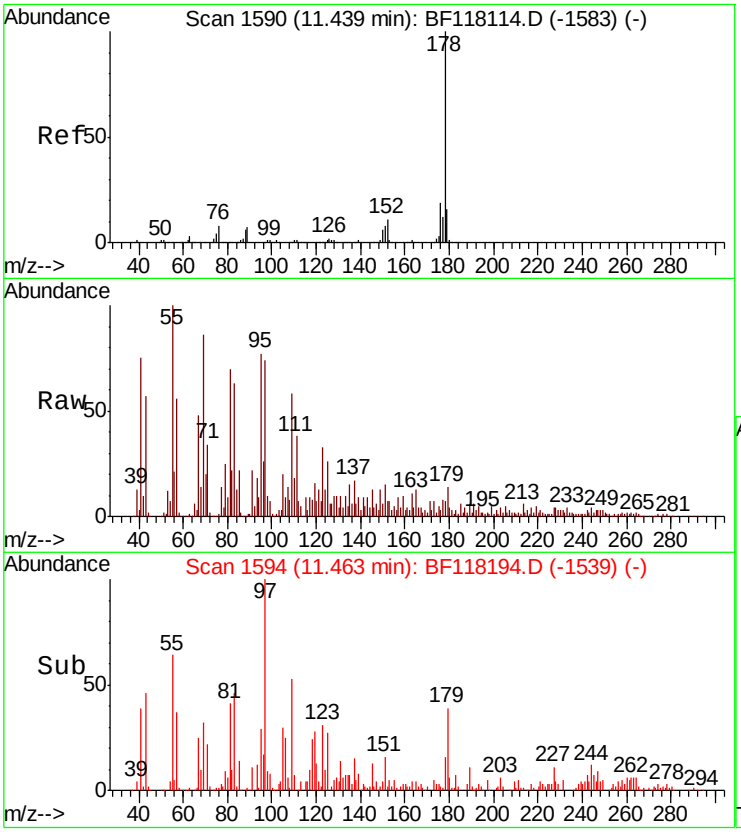


#70
Pentachlorophenol
Concen: 3.127 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion:266 Resp: 5111

Ion	Ratio	Lower	Upper
266	100		
268	0.0	50.7	76.1#
264	218.0	48.7	73.1#



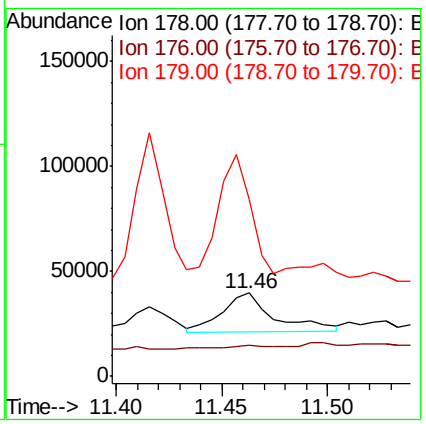


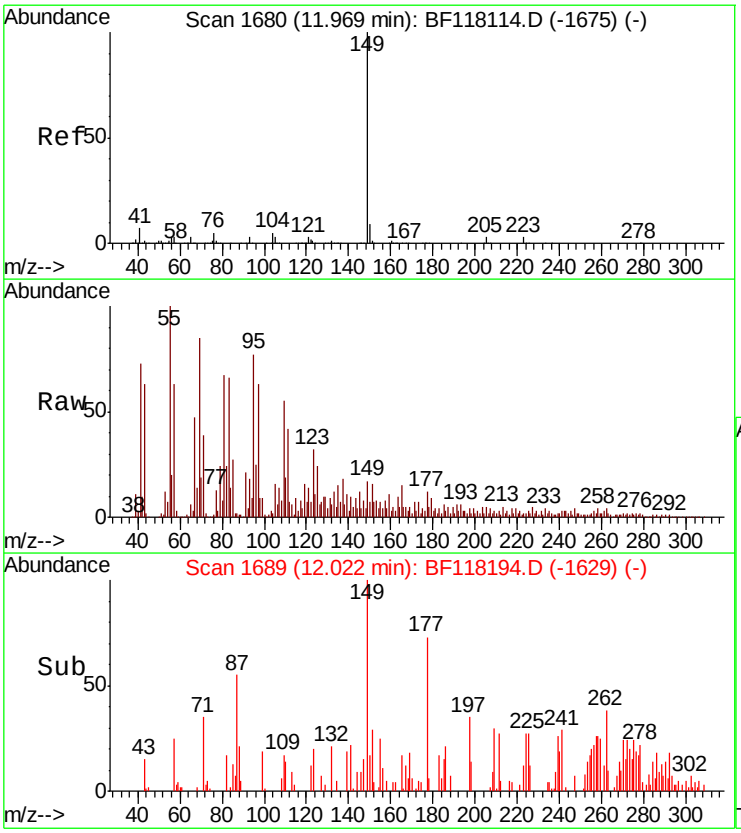
#71
Phenanthrene
Concen: 2.352 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.02 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 32336

Ion	Ratio	Lower	Upper
178	100		
176	37.9	15.5	23.3#
179	213.0	12.6	18.8#

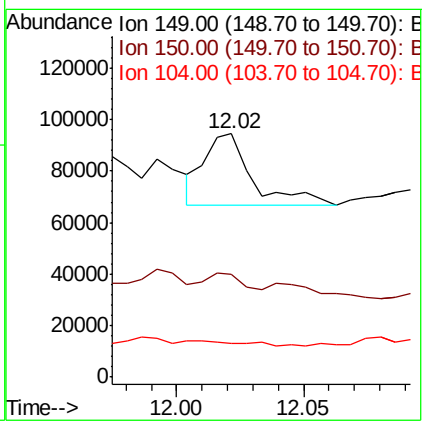


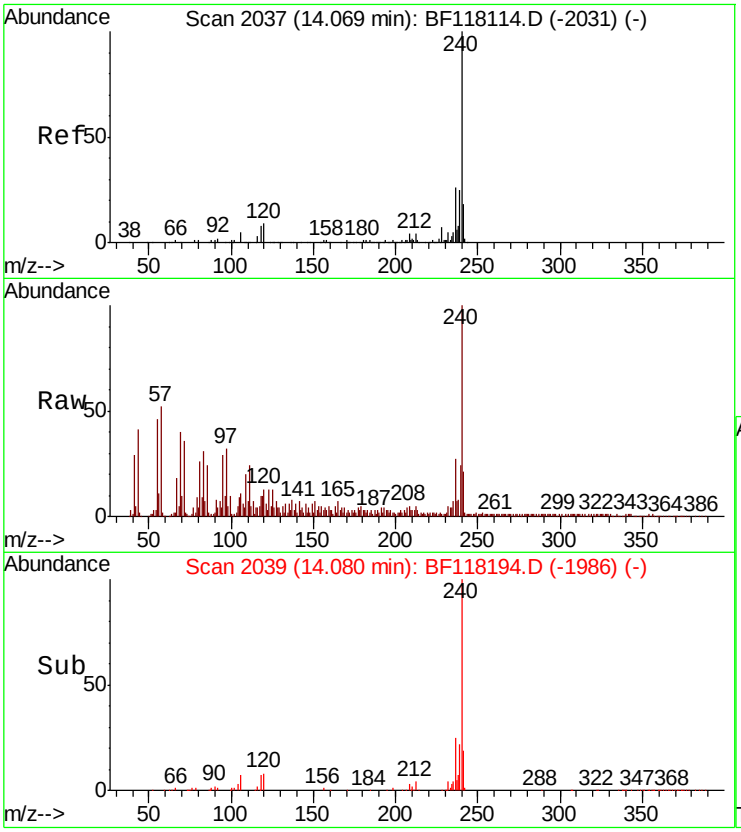


#74
Di-n-butylphthalate
Concen: 2.387 ng
RT: 12.02 min Scan# 1689
Delta R.T. 0.05 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion:149 Resp: 36762

Ion	Ratio	Lower	Upper
149	100		
150	42.1	7.4	11.2#
104	14.0	4.3	6.5#



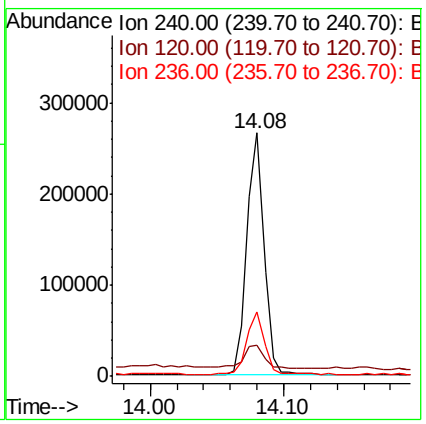


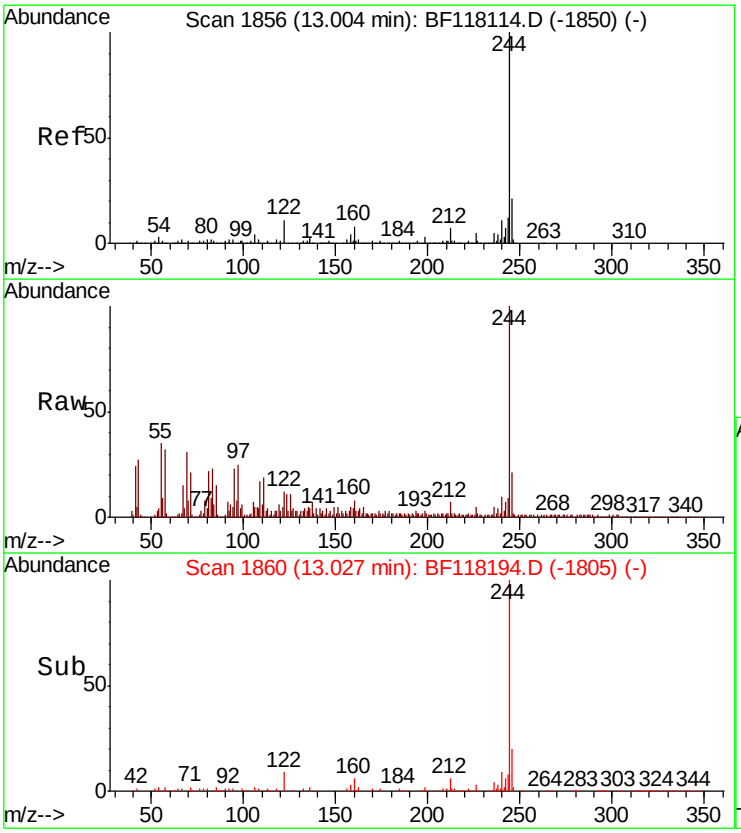
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 235660

Ion	Ratio	Lower	Upper
240	100		
120	12.7	7.1	10.7#
236	26.6	21.0	31.6

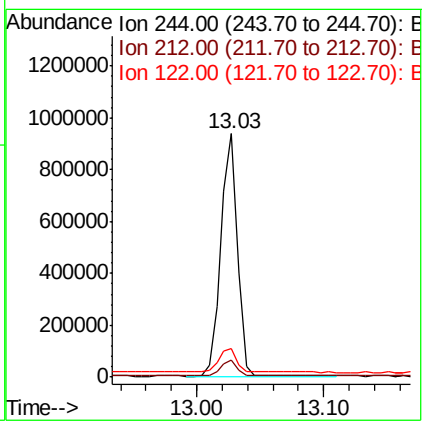


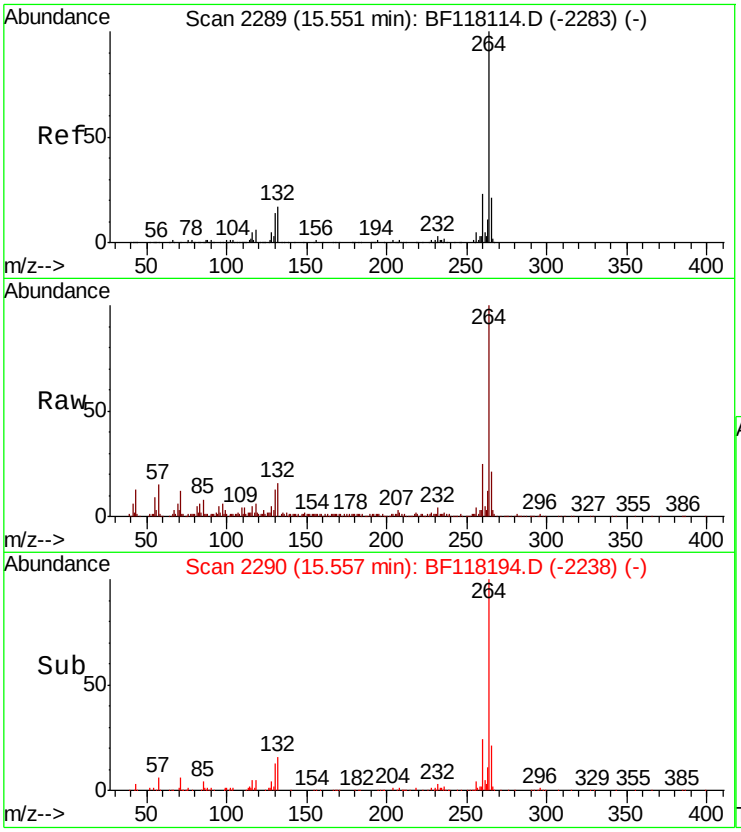


#79
Terphenyl-d14
Concen: 62.208 ng
RT: 13.03 min Scan# 1860
Delta R.T. 0.02 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion:244 Resp: 852501

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	12.0	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 242239

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	21.5	16.8	25.2