Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
Data File : BF118155.D
Acq On : 9 Dec 2019 20:16
Operator : JU
Sample : K5792-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 10 00:56:00 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	121967	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	464627	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	211953	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	323459	20.00	ng		0.00
76) Chrysene-d12	14.06	240	269467	20.00	ng		0.00
87) Perylene-d12	15.57	264	332179	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	422954	60.74	ng		0.00
7) Phenol-d6	6.50	99	784038	93.08	ng		0.00
23) Nitrobenzene-d5	7.43	82	483436	58.54	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	26295	10.21	ng		-0.01
45) 2-Fluorobiphenyl	9.23	172	934082	67.06	ng		0.00
79) Terphenyl-d14	13.00	244	823740	52.57	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	1845	Below Cal		#	85
10) Phenol	6.51	94	43664	4.546	ng		95
19) n-Nitroso-di-n-propylamine	7.43	70	66362	12.966	ng	#	74
25) Isophorone	7.43	82	483430	34.529	ng	#	62
50) Dimethylphthalate	9.62	163	154353	9.859	ng		99
57) 2,4-Dinitrotoluene	9.92	165	27196	5.985	ng	#	27

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

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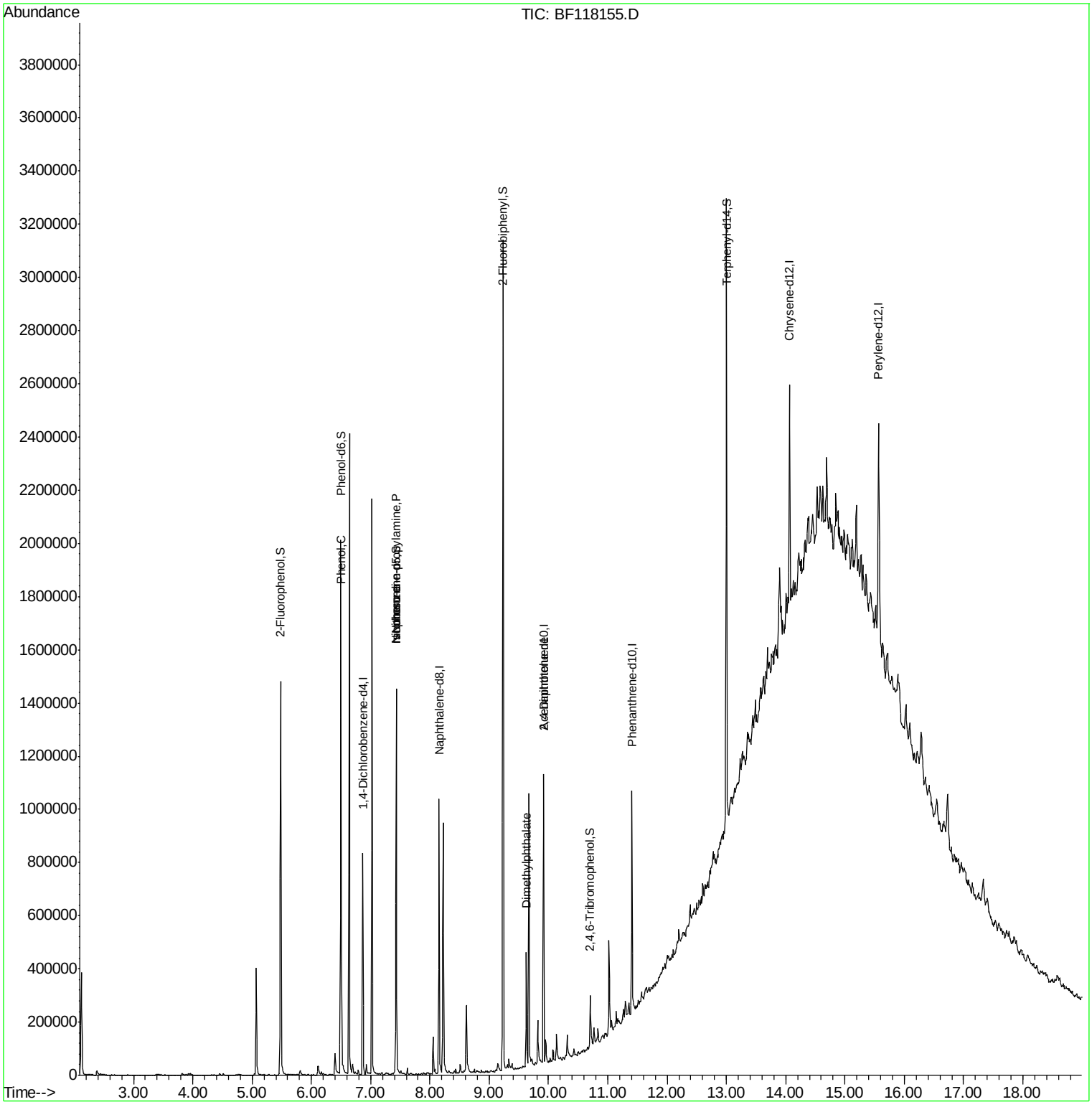
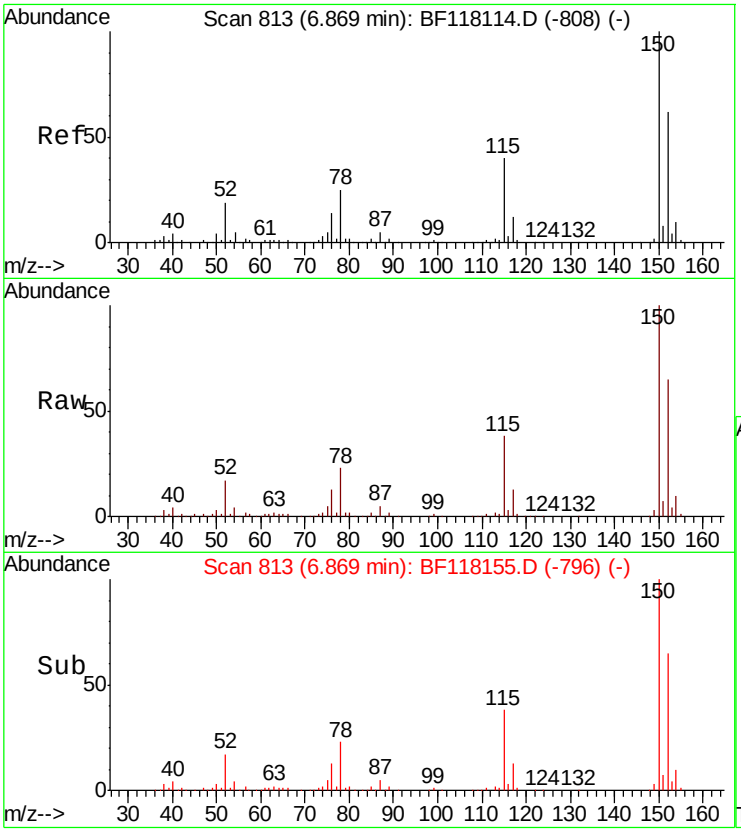


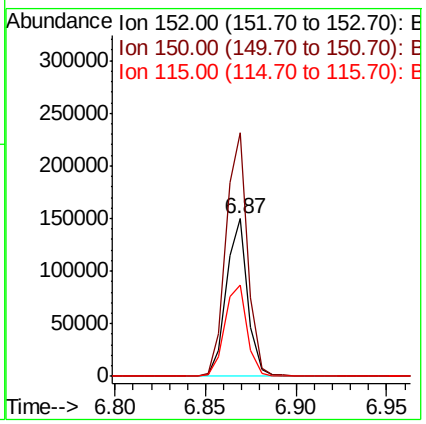


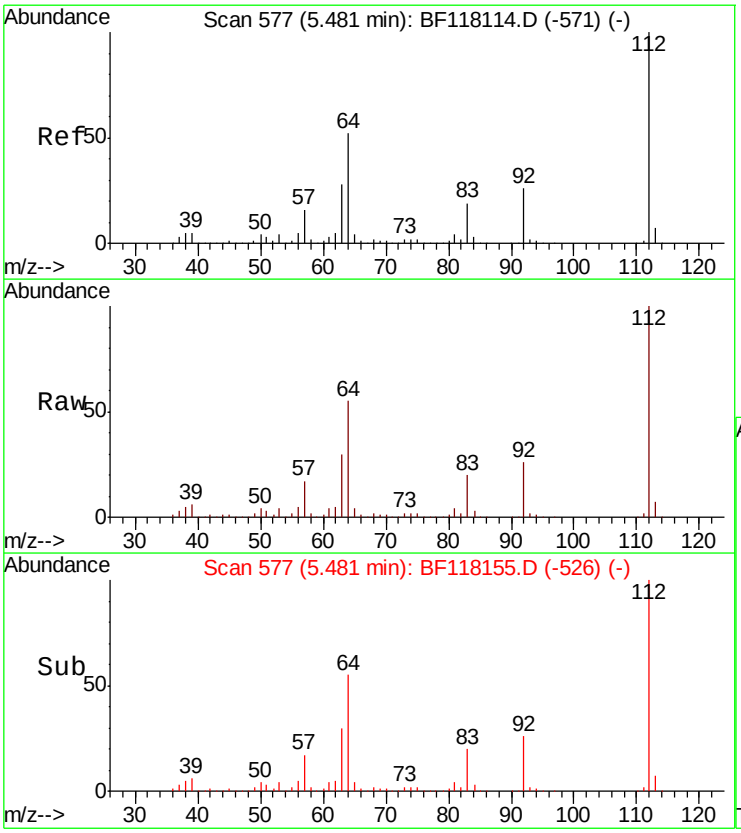
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 121967

Ion	Ratio	Lower	Upper
152	100		
150	154.8	128.3	192.5
115	58.3	51.1	76.7

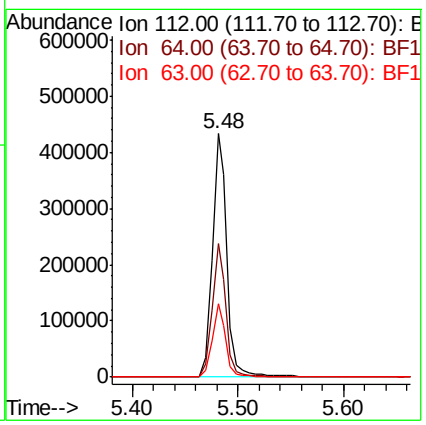


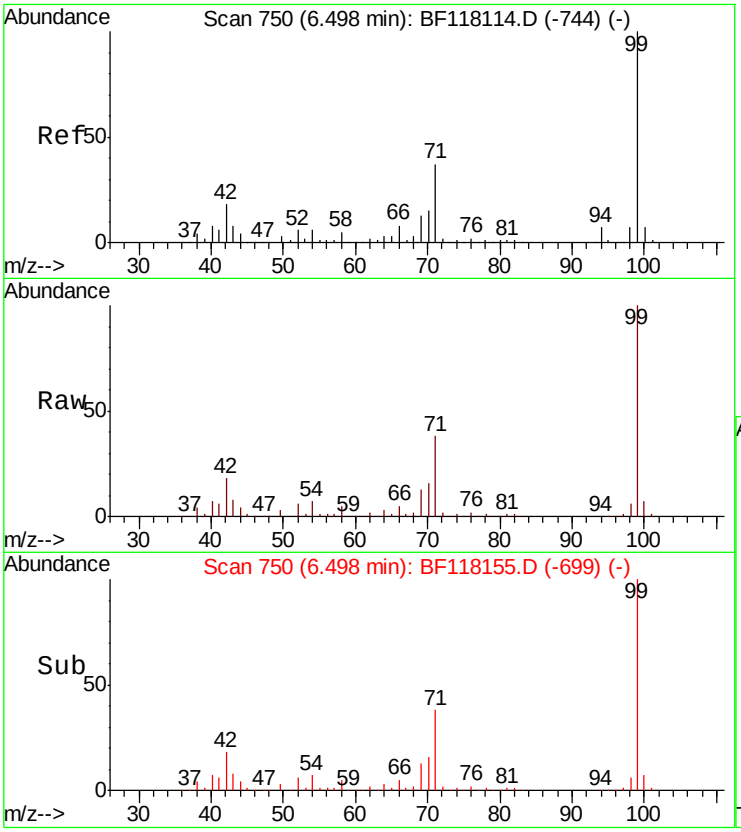


#5
2-Fluorophenol
Concen: 60.737 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Tgt Ion:112 Resp: 422954

Ion	Ratio	Lower	Upper
112	100		
64	54.9	41.3	61.9
63	30.1	22.4	33.6



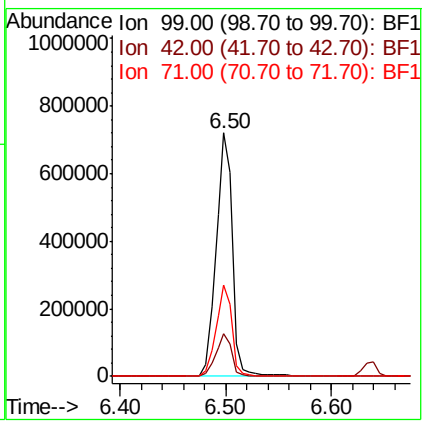


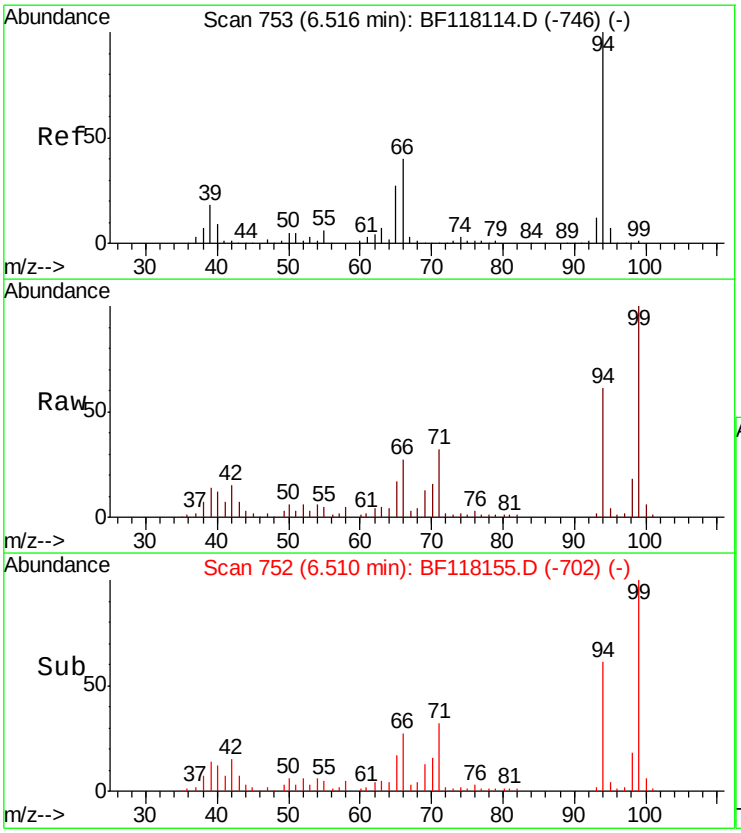
#7
Phenol-d6
Concen: 93.085 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 784038

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.1	21.1
71	37.6	29.7	44.5

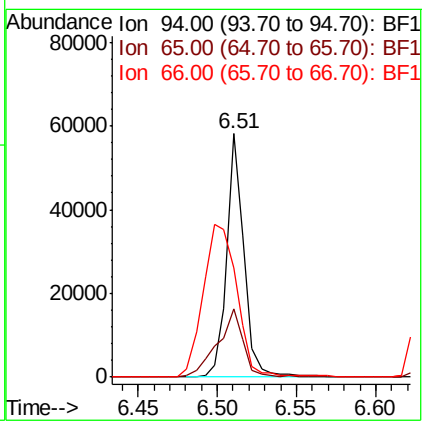


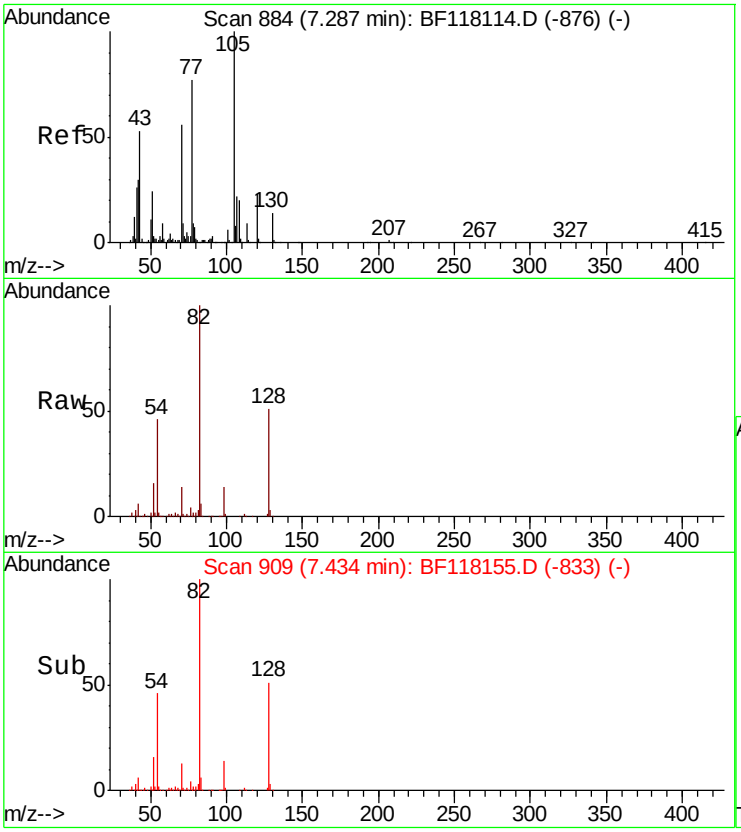


#10
Phenol
Concen: 4.546 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Tgt Ion: 94 Resp: 43664

Ion	Ratio	Lower	Upper
94	100		
65	28.0	7.3	47.3
66	45.0	20.2	60.2



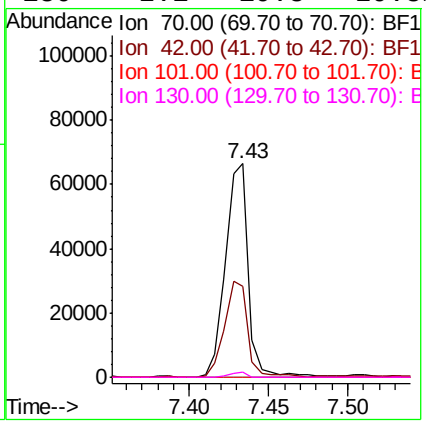


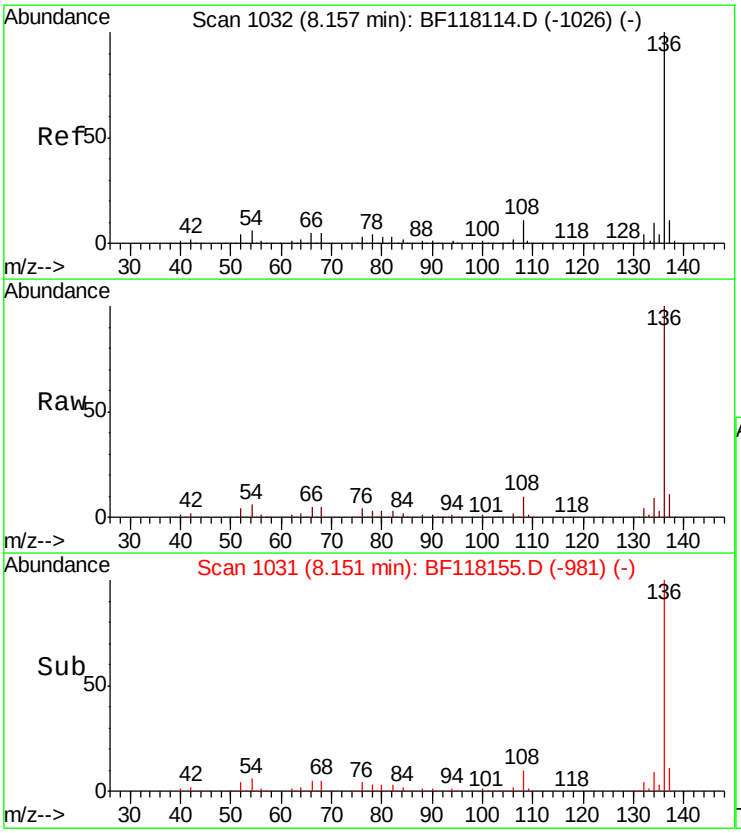
#19
n-Nitroso-di-n-propylamine
Concen: 12.966 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 66362

Ion	Ratio	Lower	Upper
70	100		
42	42.4	43.2	64.8#
101	0.0	8.1	12.1#
130	2.1	19.8	29.8#

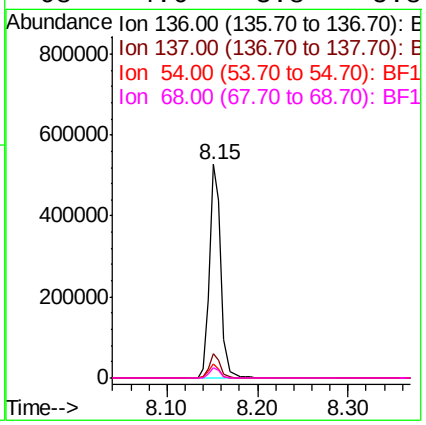


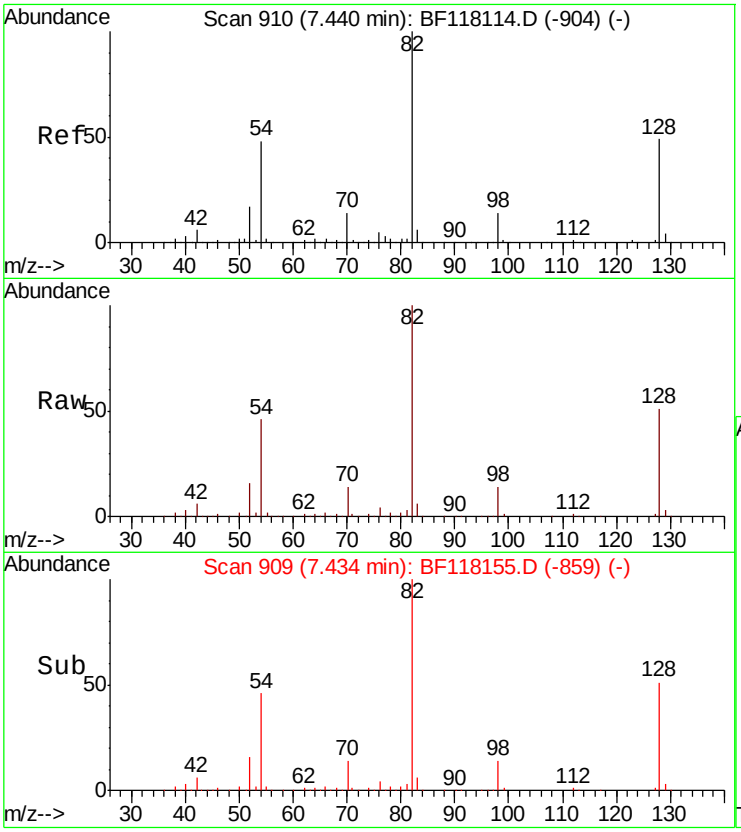


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Tgt Ion:136 Resp: 464627

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	6.3	5.0	7.6
68	4.6	3.8	5.8



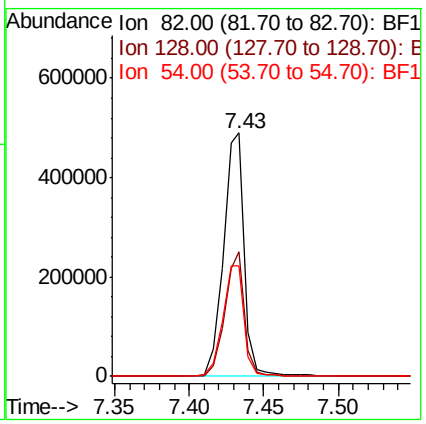


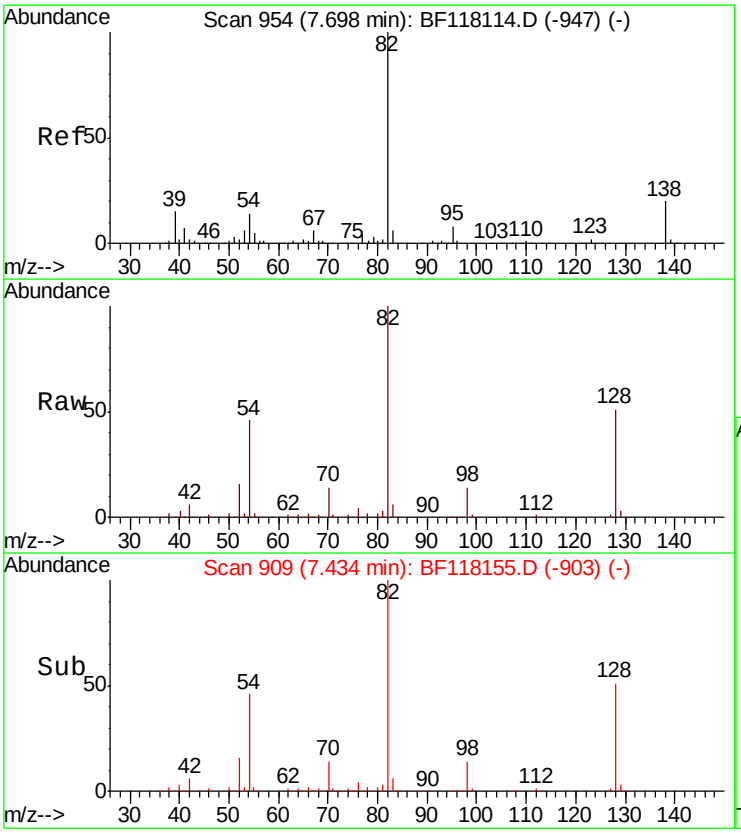
#23
Nitrobenzene-d5
Concen: 58.535 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 483436

Ion	Ratio	Lower	Upper
82	100		
128	51.4	39.1	58.7
54	45.5	38.2	57.2

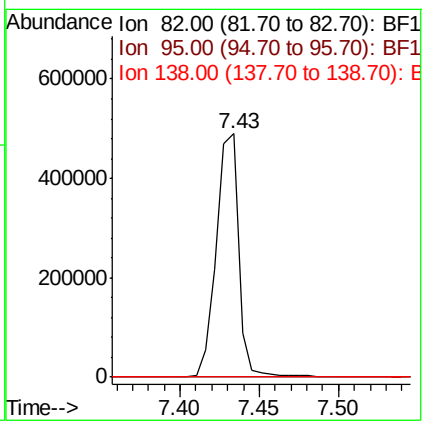


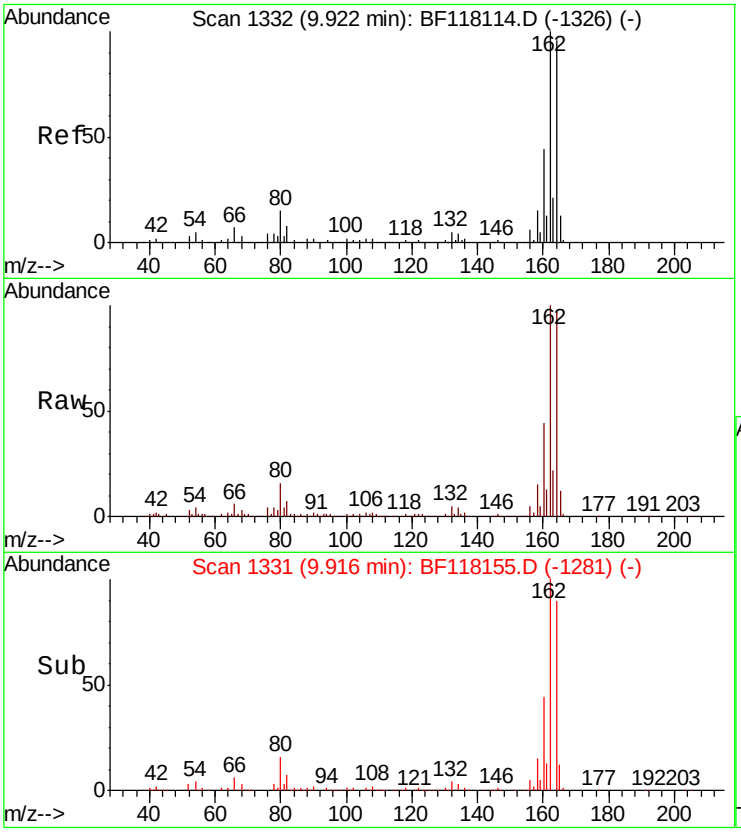


#25
Isophorone
Concen: 34.529 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Tgt Ion: 82 Resp: 483430

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



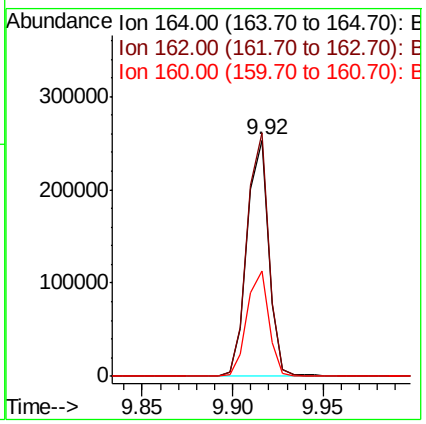


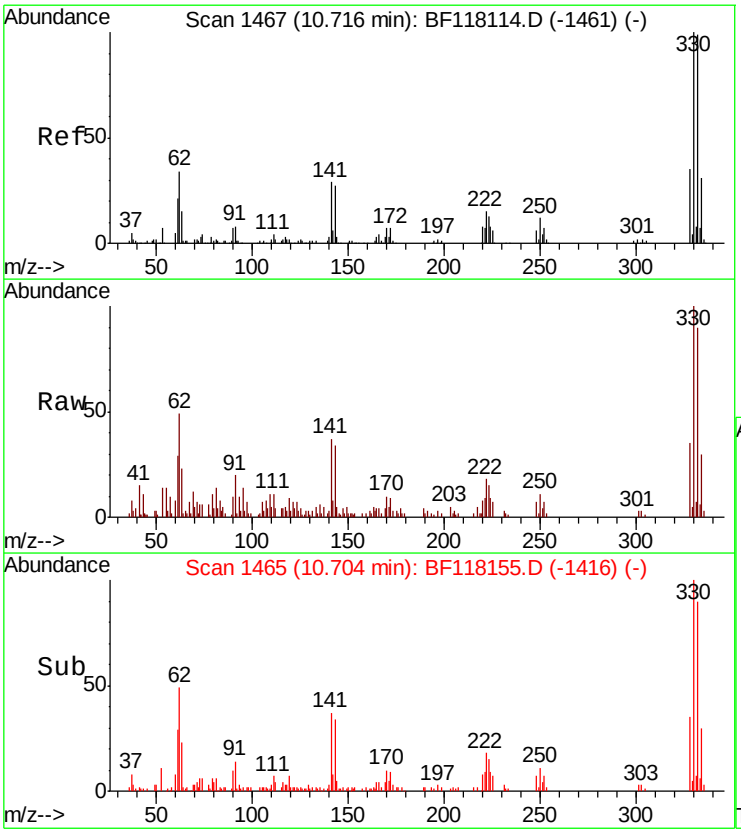
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 211953

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.4	125.0
160	44.8	36.6	54.8

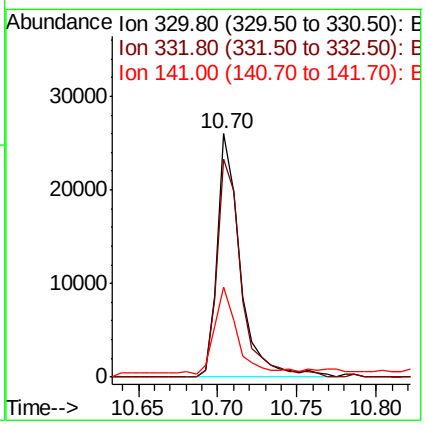


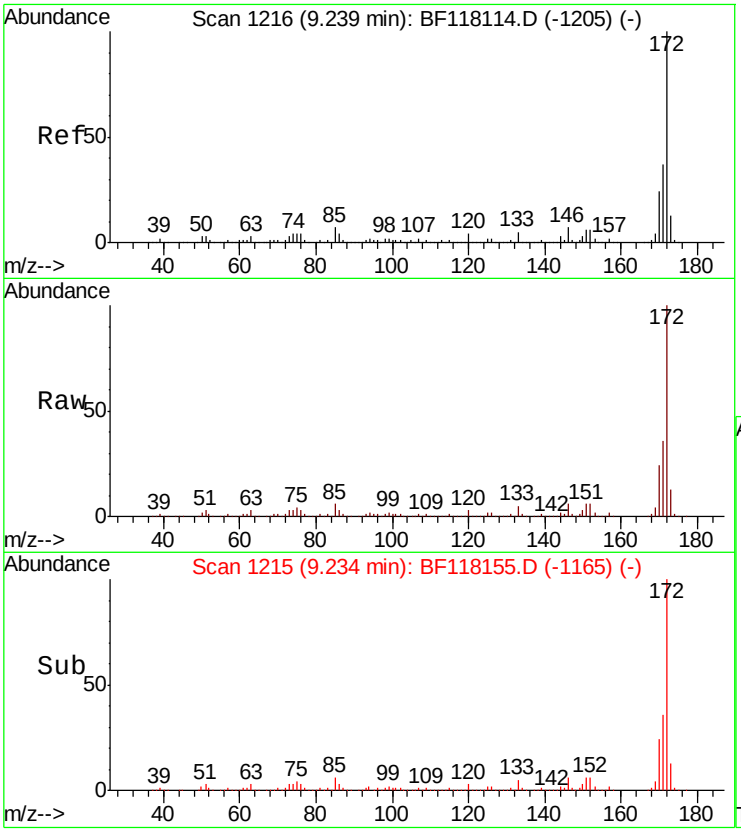


#42
2,4,6-Tribromophenol
Concen: 10.212 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Tgt Ion:330 Resp: 26295

Ion	Ratio	Lower	Upper
330	100		
332	93.9	78.1	117.1
141	33.5	26.9	40.3



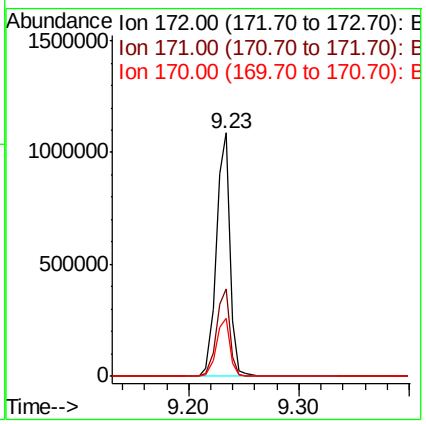


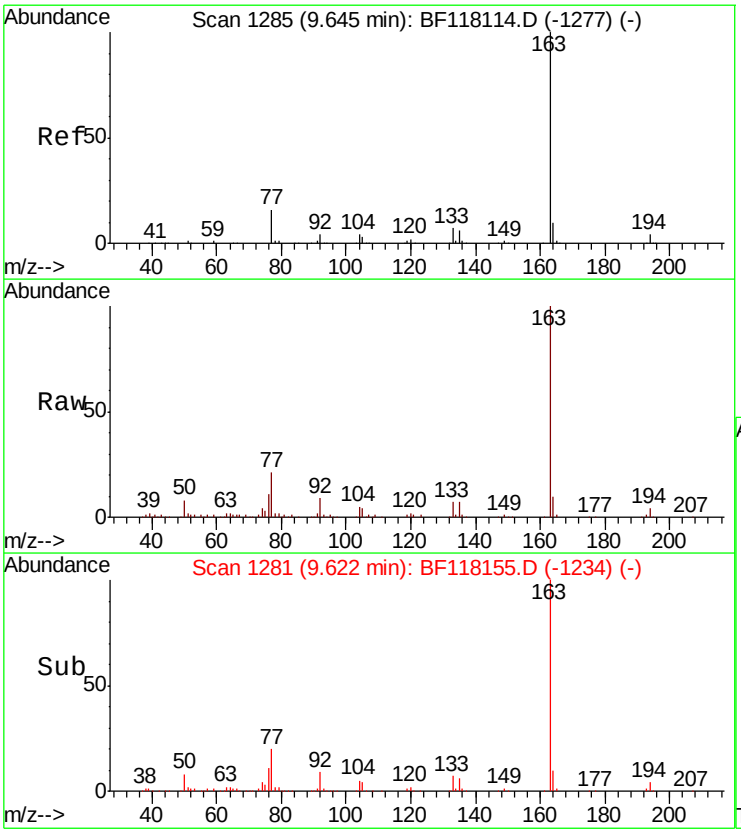
#45
2-Fluorobiphenyl
Concen: 67.059 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 934082

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.1	19.4	29.2

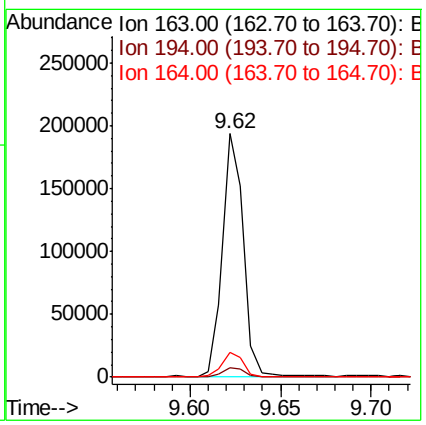


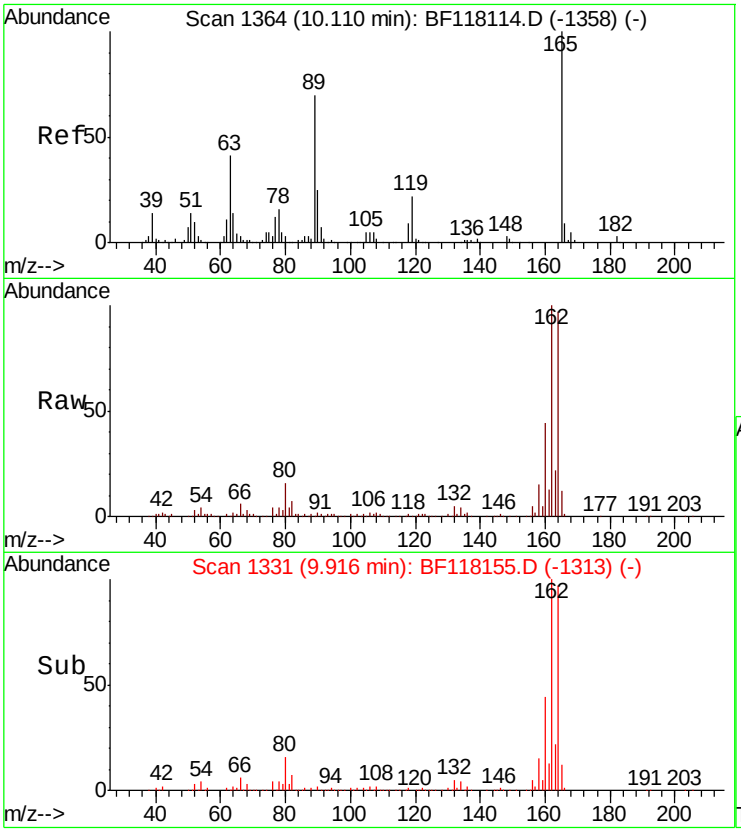


#50
Dimethylphthalate
Concen: 9.859 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Tgt Ion:163 Resp: 154353

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.9	7.7	11.5



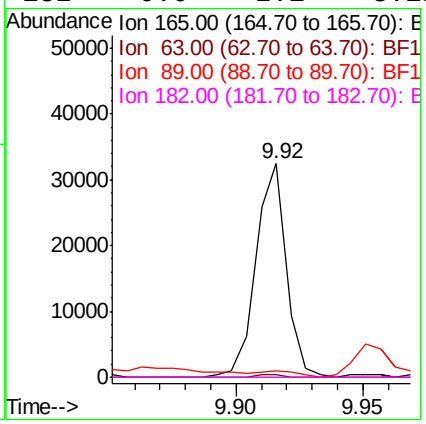


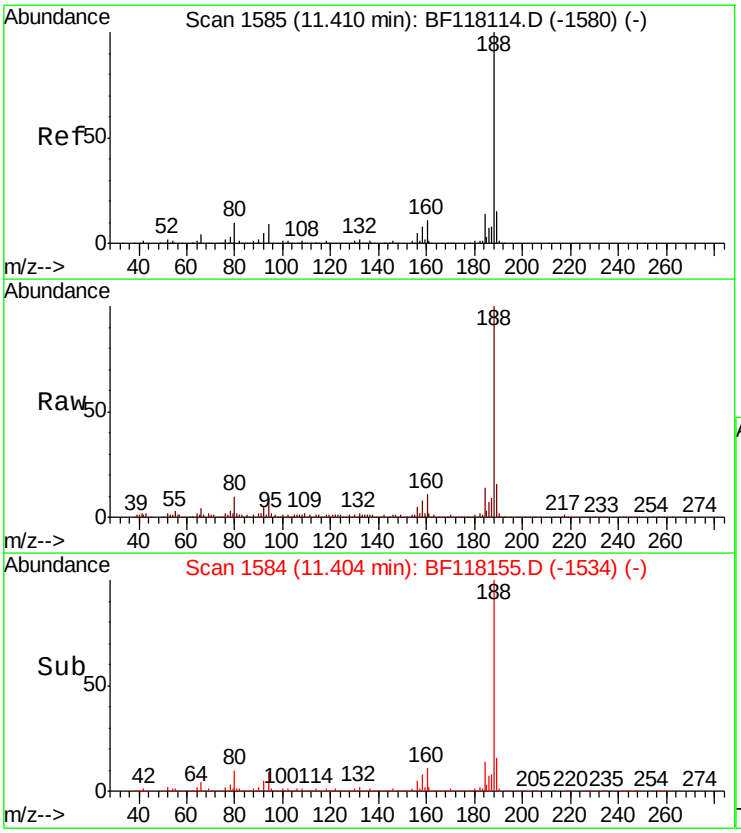
#57
2,4-Dinitrotoluene
Concen: 5.985 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 27196

Ion	Ratio	Lower	Upper
165	100		
63	1.5	32.6	49.0#
89	3.0	56.1	84.1#
182	0.0	2.1	3.1#

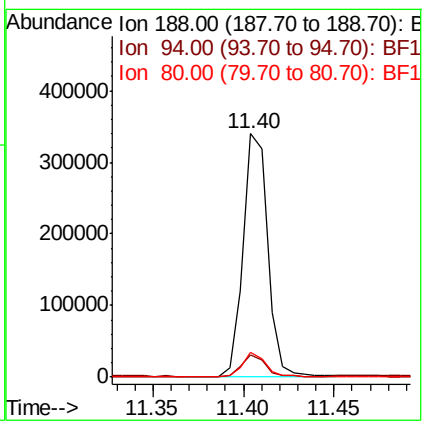


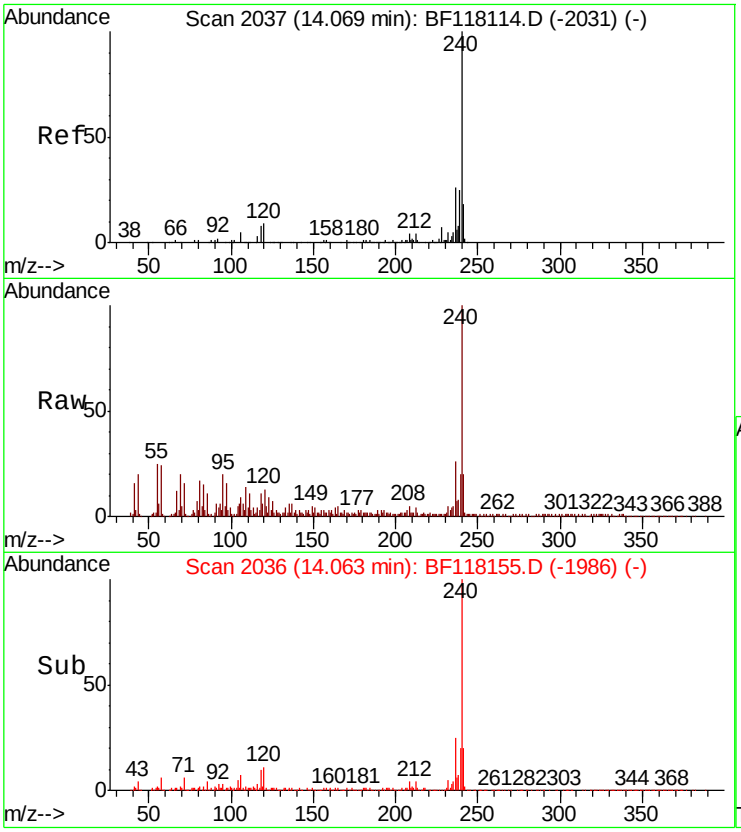


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Tgt Ion:188 Resp: 323459

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	10.0	7.9	11.9



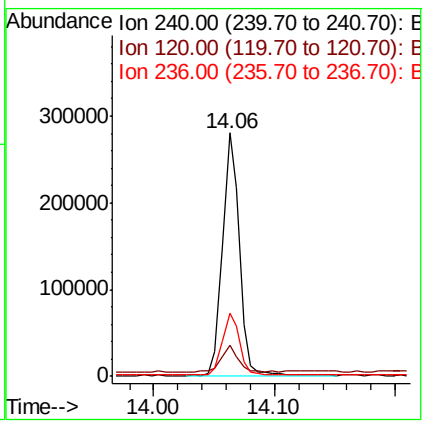


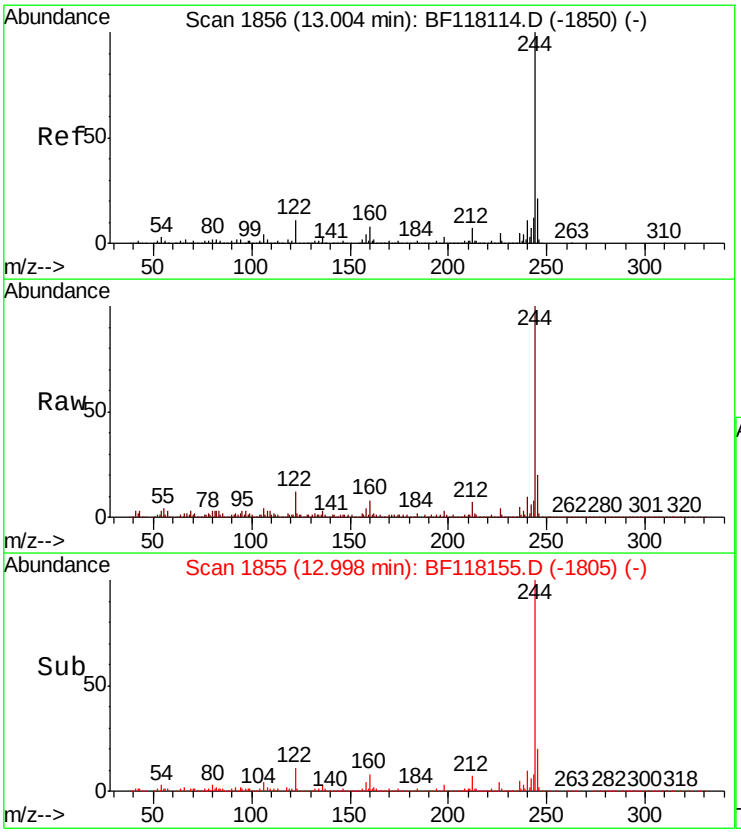
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 269467

Ion	Ratio	Lower	Upper
240	100		
120	12.6	7.1	10.7#
236	25.8	21.0	31.6

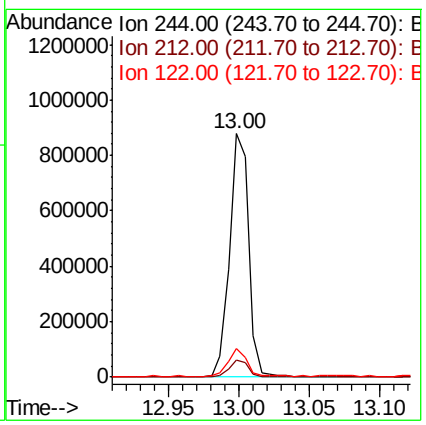


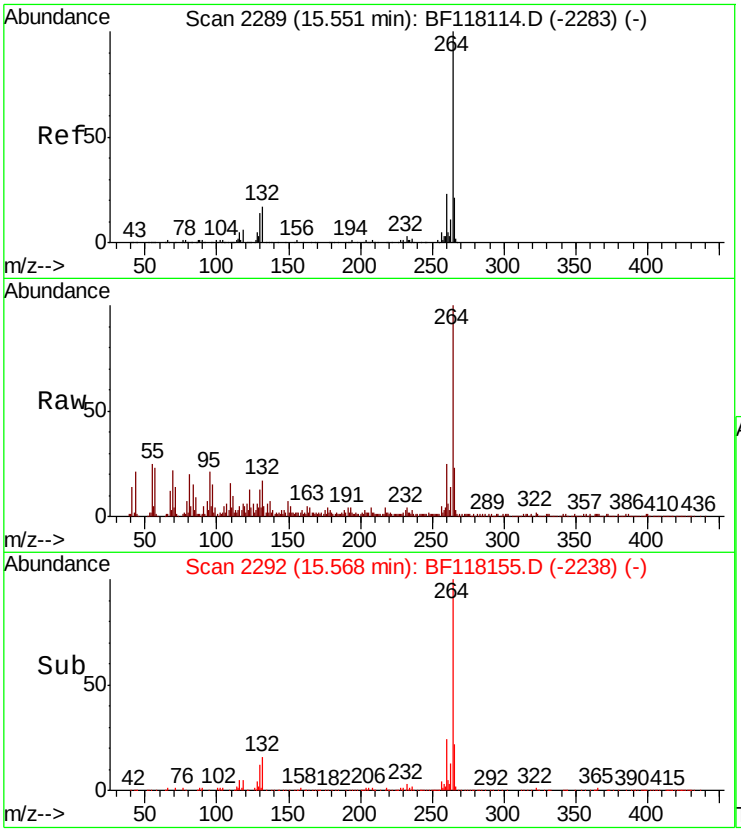


#79
Terphenyl-d14
Concen: 52.568 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Tgt Ion:244 Resp: 823740

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.6	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.02 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 332179

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	28.0
265	23.0	16.8	25.2