Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117856.D
Acq On : 19 Nov 2019 13:48
Operator : JU
Sample : K5865-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 20 00:30:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	239504	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	946257	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	525842	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	1027754	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	717819	20.00	ng	-0.01
87) Perylene-d12	15.62	264	642214	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1742222	128.76	ng	0.00
7) Phenol-d6	6.55	99	2243320	137.46	ng	0.00
23) Nitrobenzene-d5	7.48	82	1410799	88.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	711410	127.79	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2623770	89.52	ng	0.00
79) Terphenyl-d14	13.06	244	3237462	82.43	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.54	77	5035	Below Cal	#	1
10) Phenol	6.55	94	108835	6.418	ng	97
19) n-Nitroso-di-n-propylamine	7.48	70	196352	19.502	ng #	77
25) Isophorone	7.48	82	1403594	48.109	ng #	62
50) Dimethylphthalate	9.67	163	371182	10.066	ng	98
57) 2,4-Dinitrotoluene	9.96	165	66815	6.518	ng #	24
67) 4-Bromophenyl-phenylether	10.76	248	46157	4.162	ng #	1
75) Fluoranthene	12.67	202	11954	Below Cal		98

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

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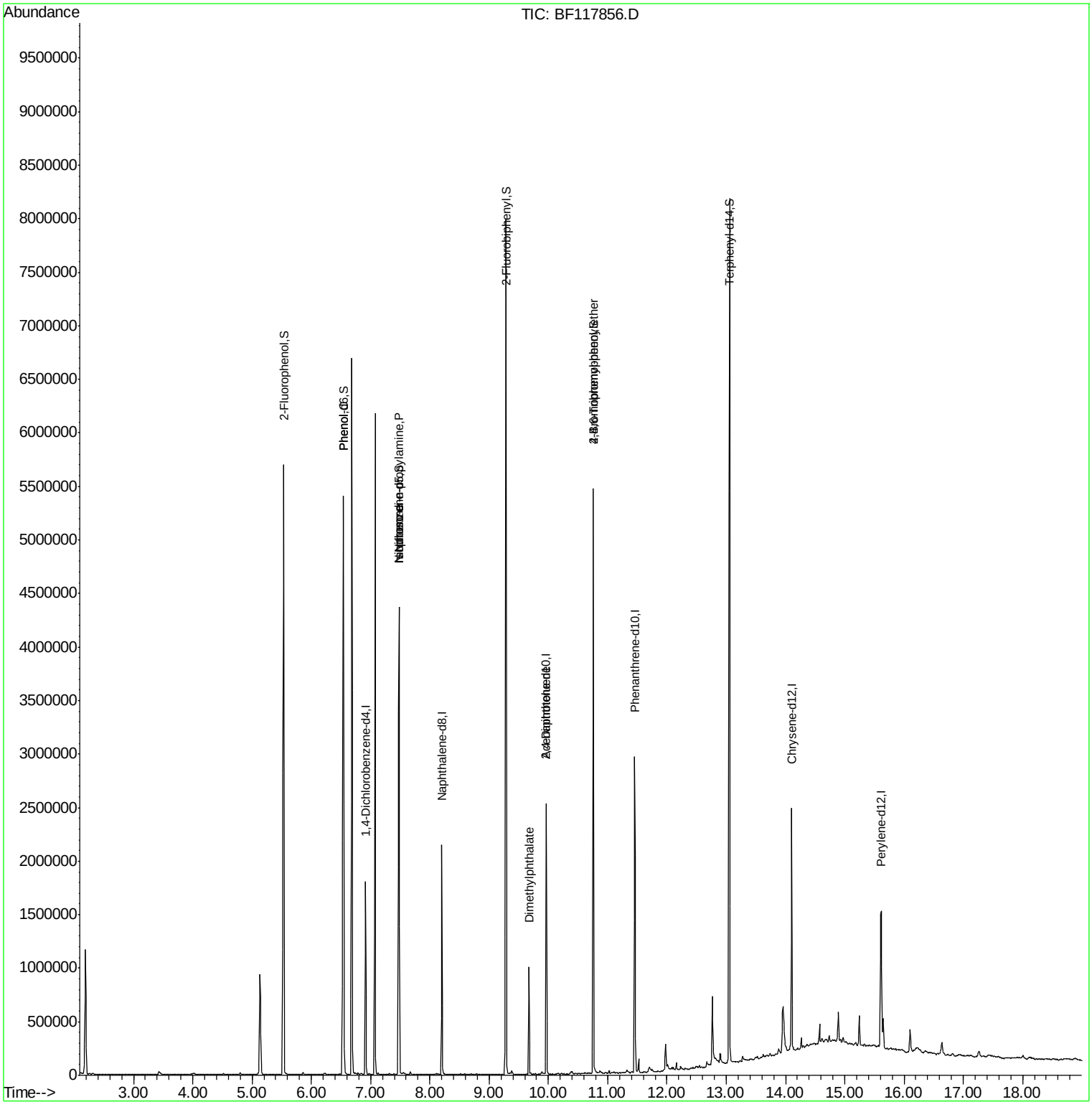
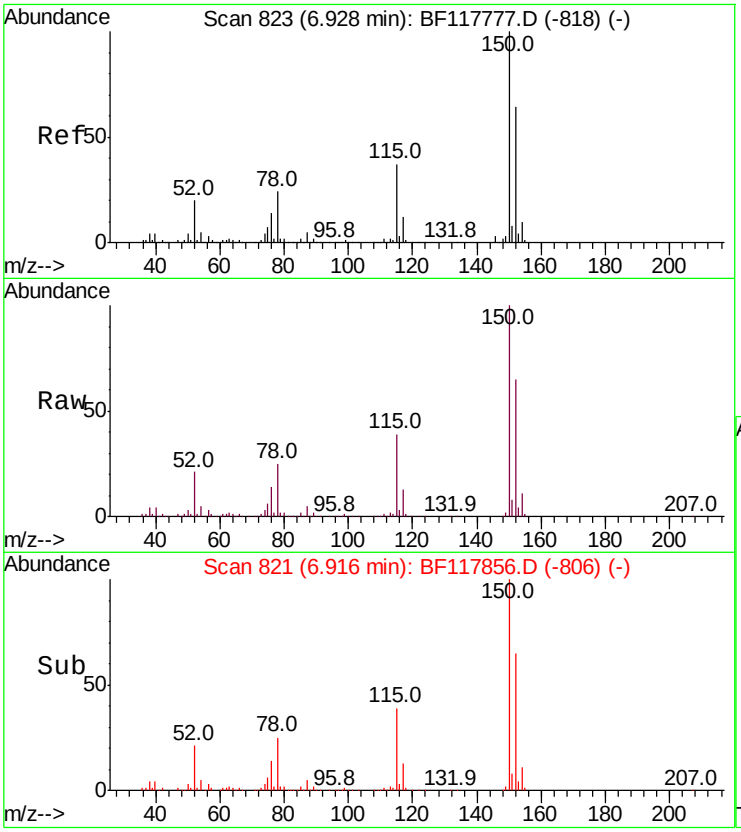


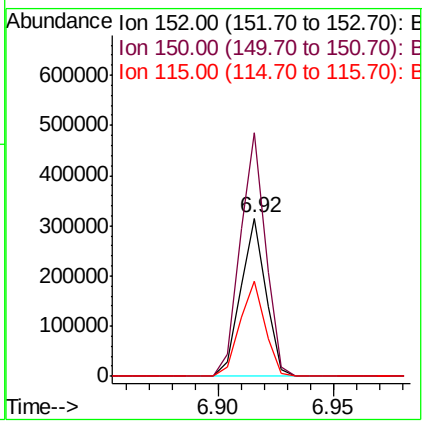


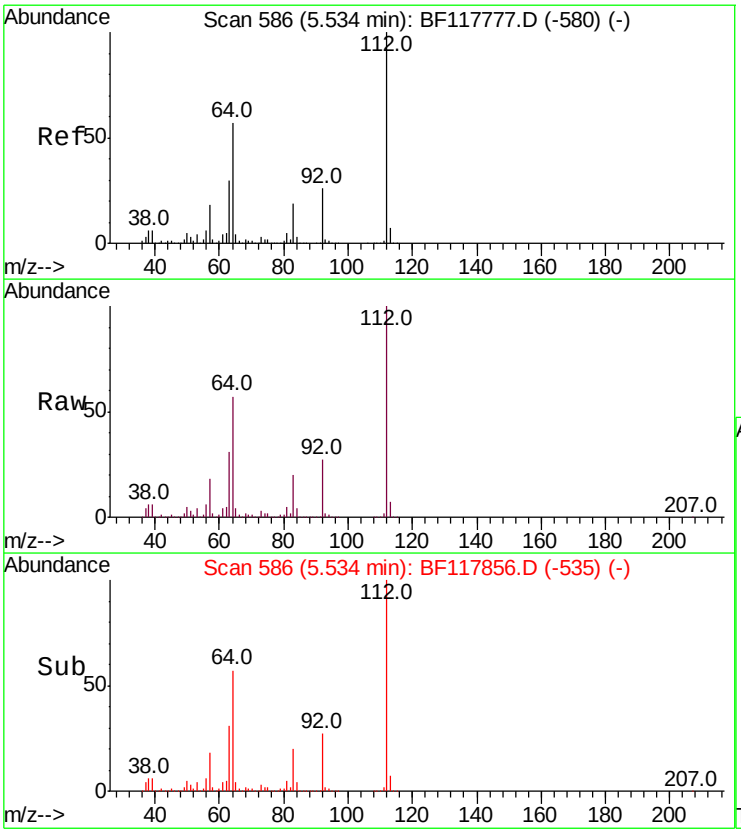
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 239504

Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.3	187.9
115	60.0	47.0	70.4

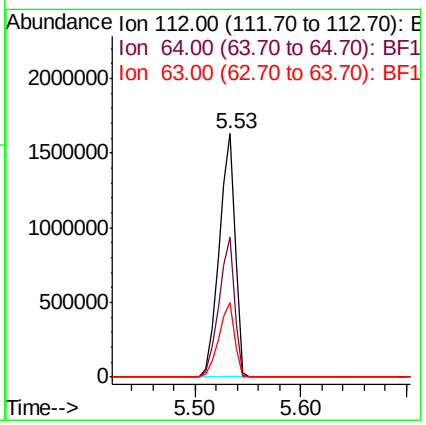


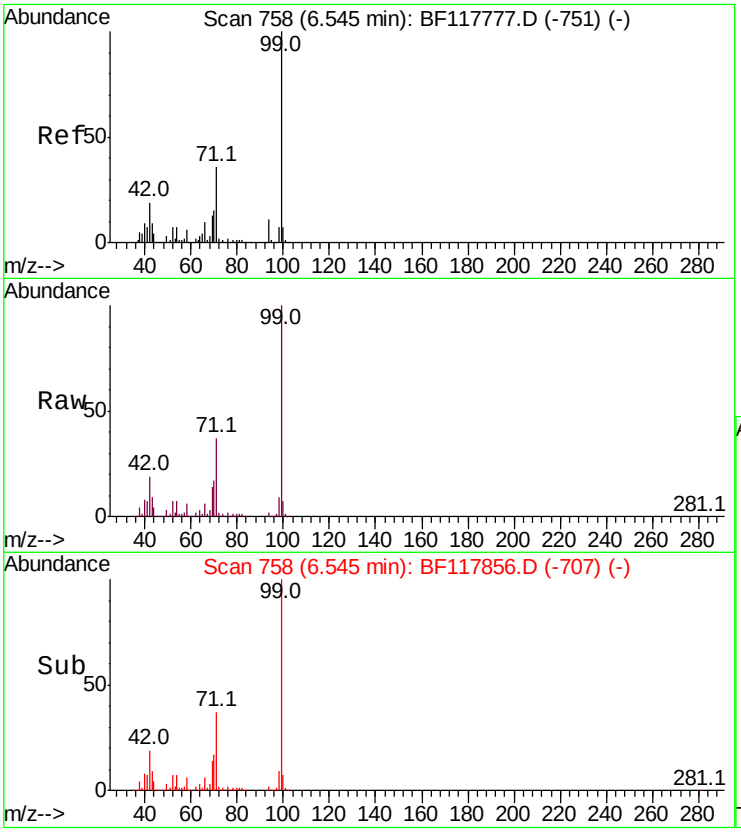


#5
2-Fluorophenol
Concen: 128.763 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion:112 Resp: 1742222

Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.6	68.4
63	30.6	24.1	36.1



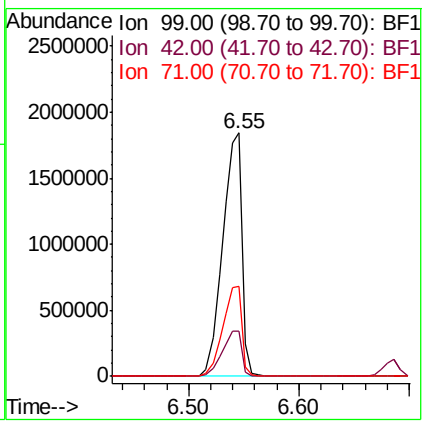


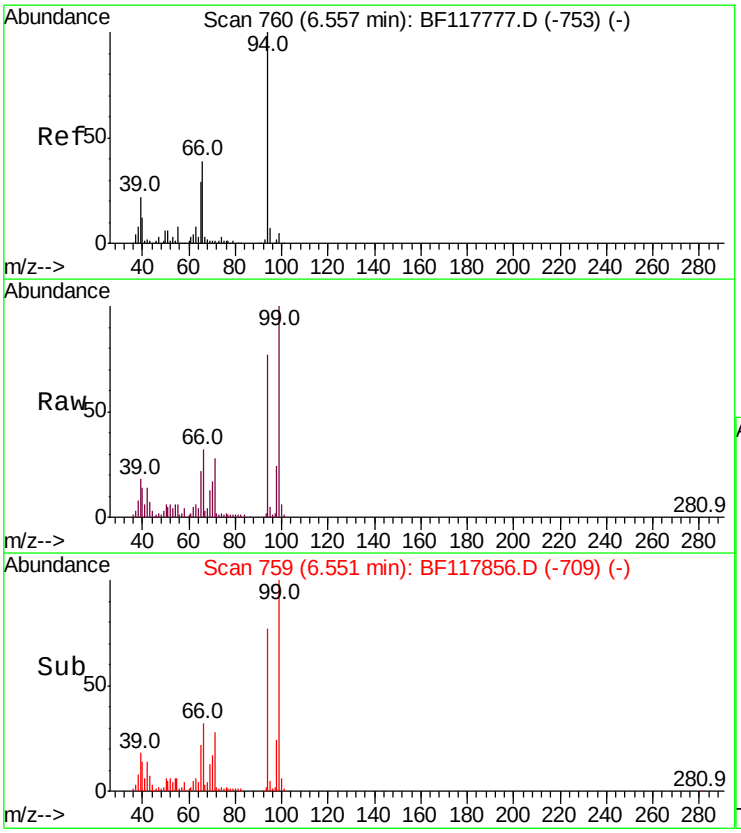
#7
Phenol-d6
Concen: 137.459 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2243320

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	36.8	28.6	43.0

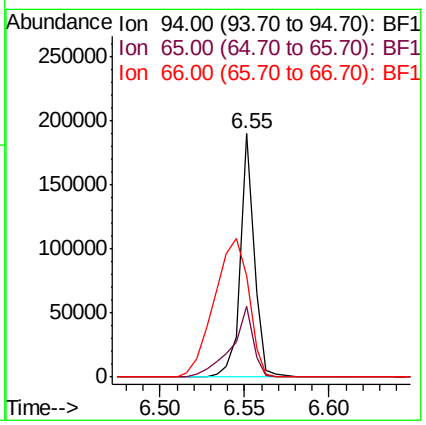


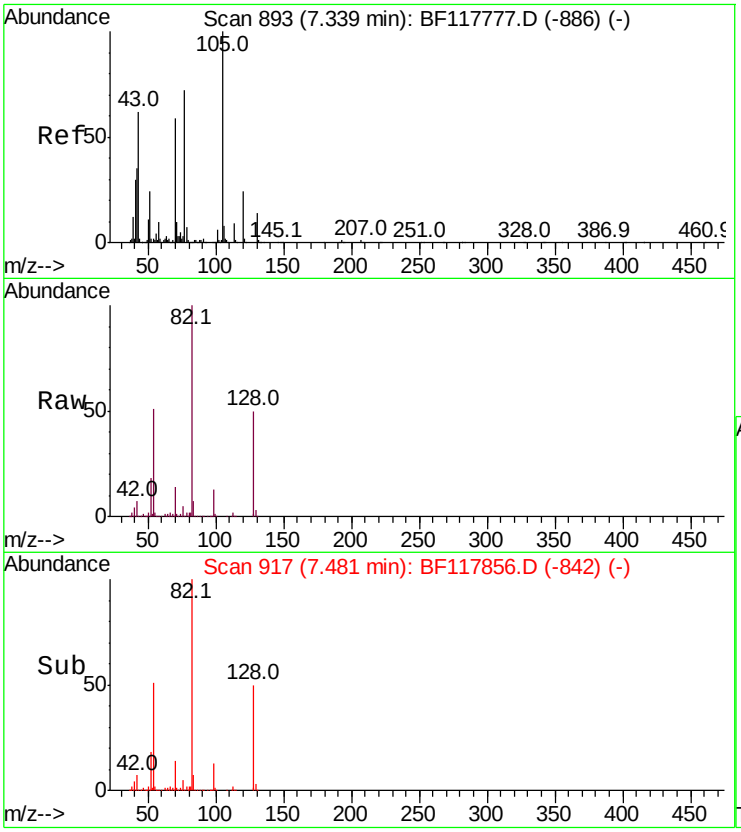


#10
Phenol
Concen: 6.418 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion: 94 Resp: 108835

Ion	Ratio	Lower	Upper
94	100		
65	29.1	8.9	48.9
66	41.7	18.7	58.7



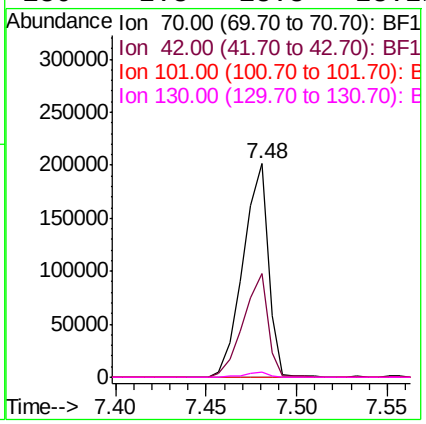


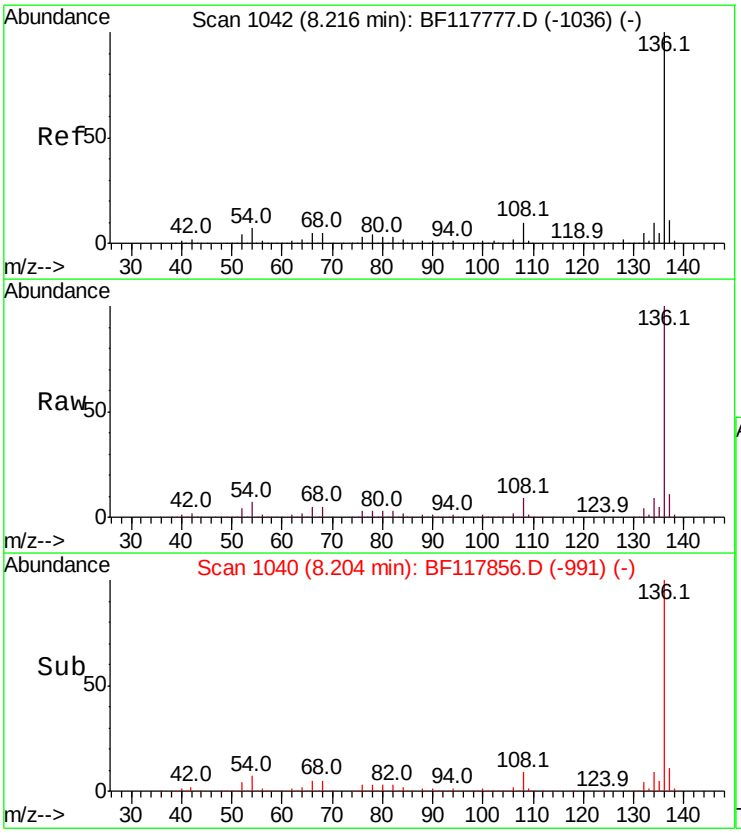
#19
n-Nitroso-di-n-propylamine
Concen: 19.502 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 196352

Ion	Ratio	Lower	Upper
70	100		
42	48.3	47.4	71.2
101	0.0	8.4	12.6#
130	2.3	18.8	28.2#

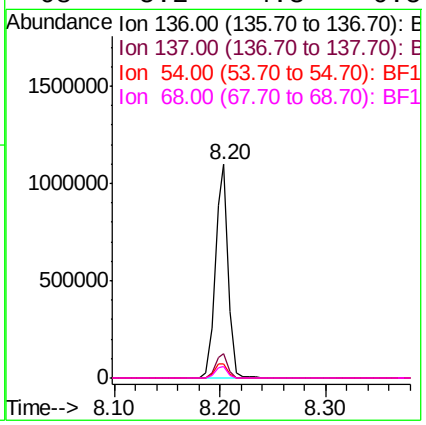


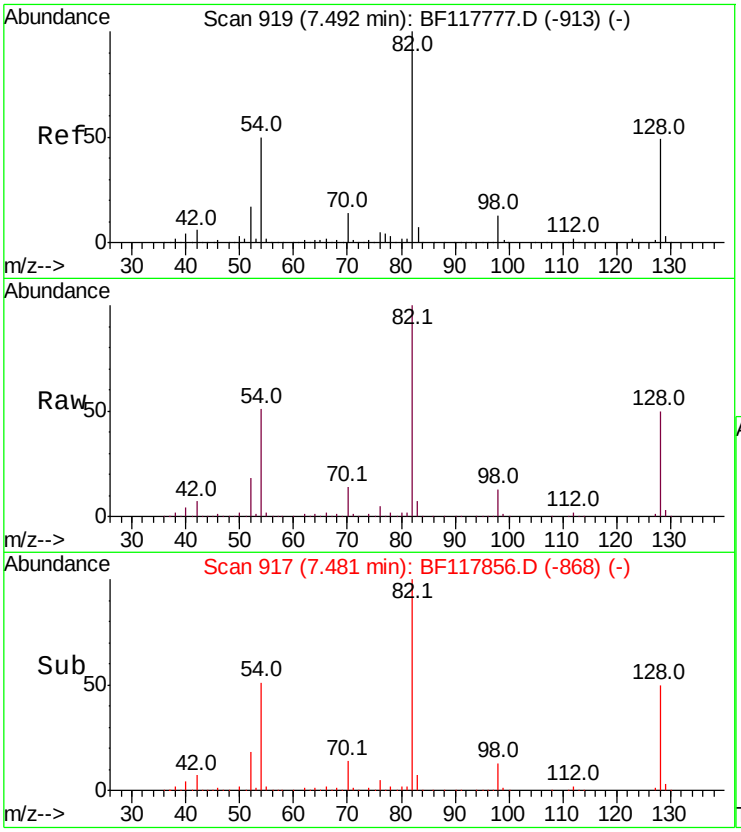


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion:136 Resp: 946257

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.6	5.4	8.2
68	5.2	4.3	6.5



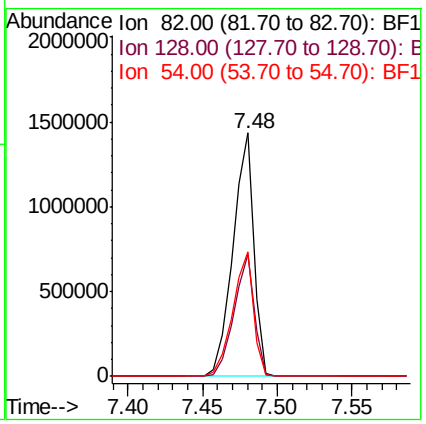


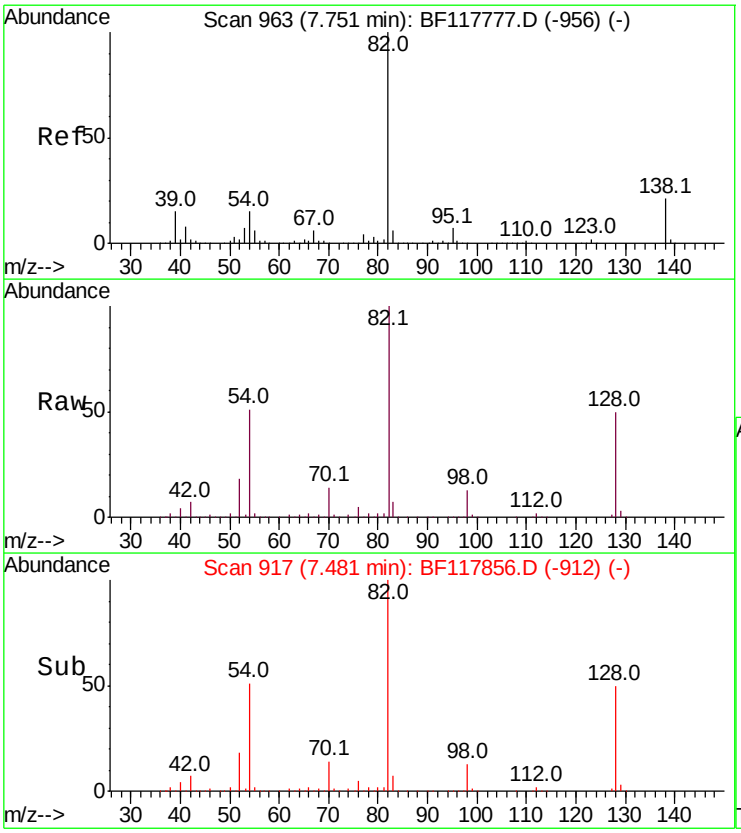
#23
Nitrobenzene-d5
Concen: 88.629 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1410799

Ion	Ratio	Lower	Upper
82	100		
128	49.9	38.9	58.3
54	51.2	39.8	59.6

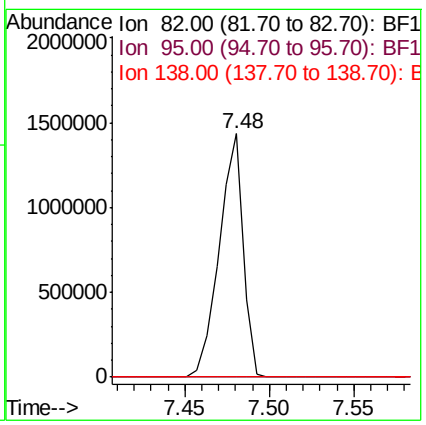


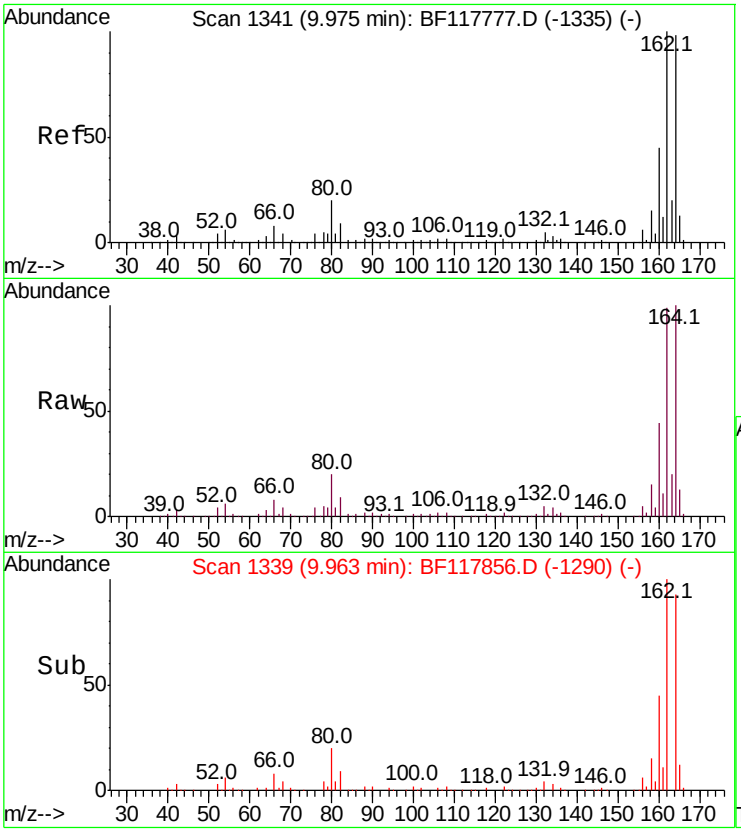


#25
Isophorone
Concen: 48.109 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion: 82 Resp: 1403594

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.5	24.7#



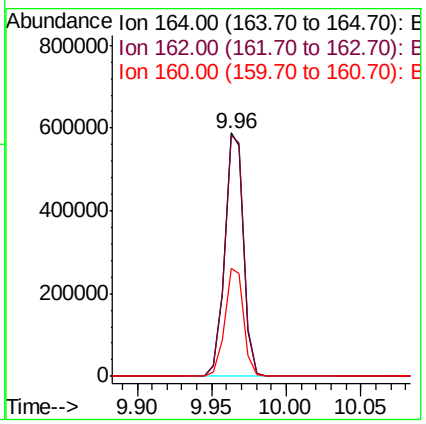


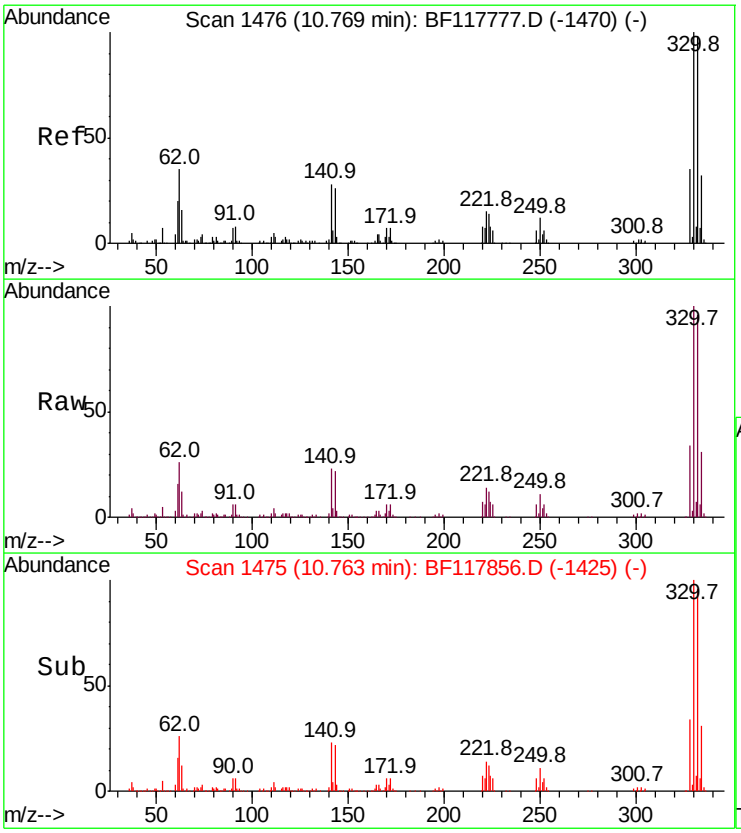
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 525842

Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.3	121.9
160	44.4	36.6	55.0

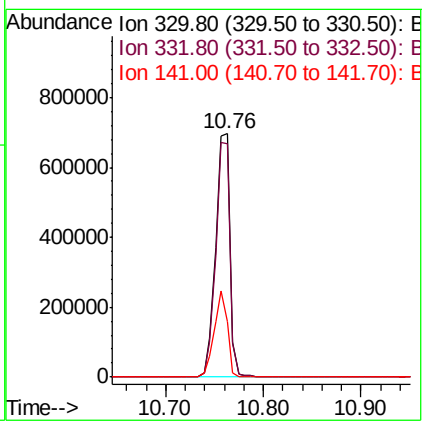


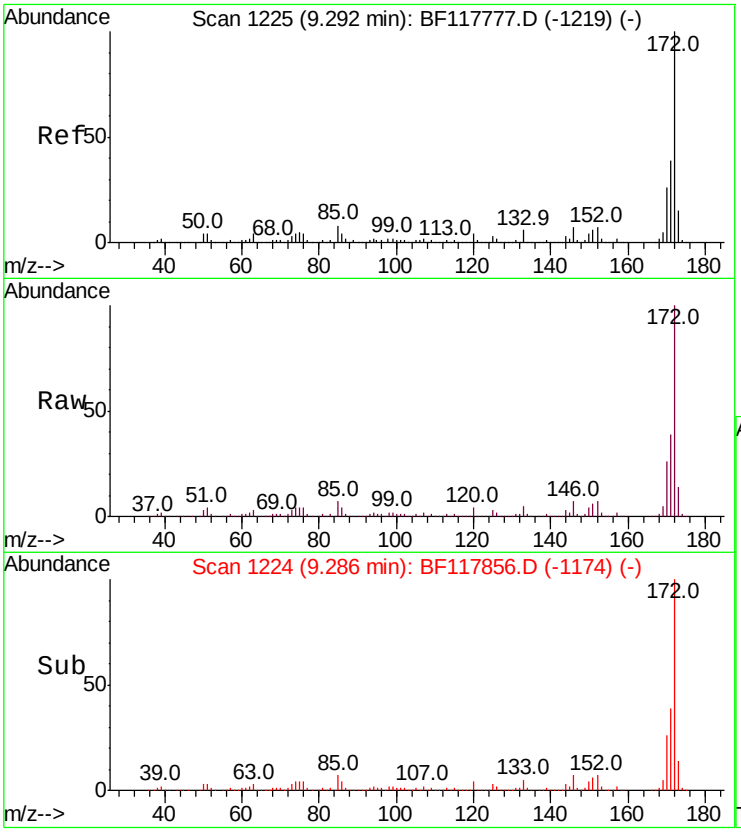


#42
2,4,6-Tribromophenol
Concen: 127.790 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion:330 Resp: 711410

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.7	115.1
141	32.6	27.7	41.5



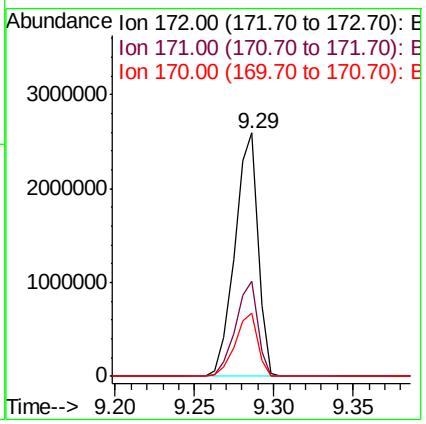


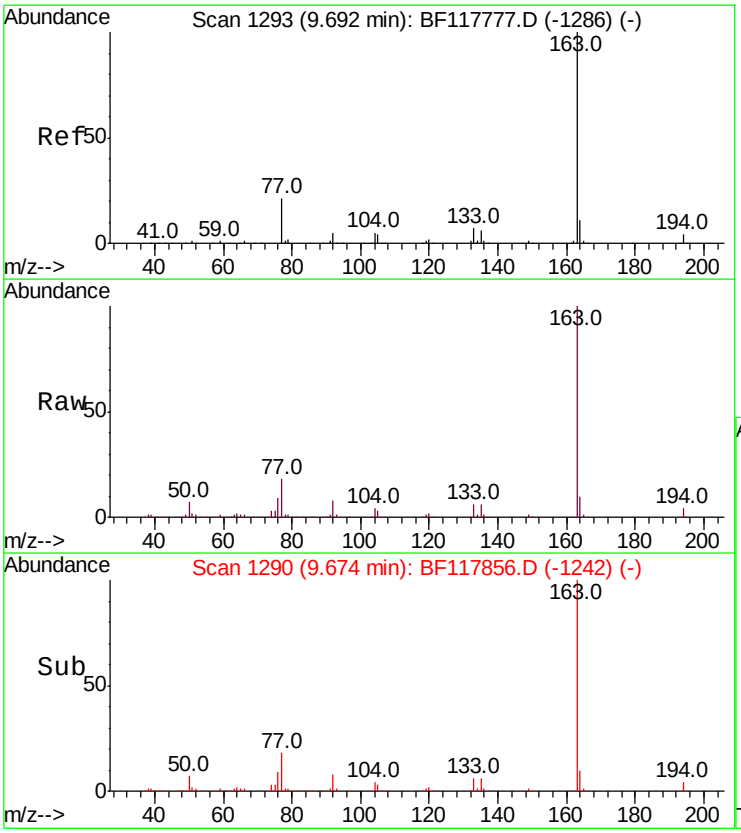
#45
2-Fluorobiphenyl
Concen: 89.516 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2623770

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.9	46.3
170	25.8	21.0	31.4

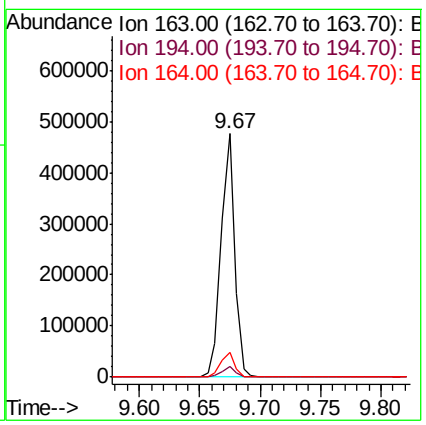


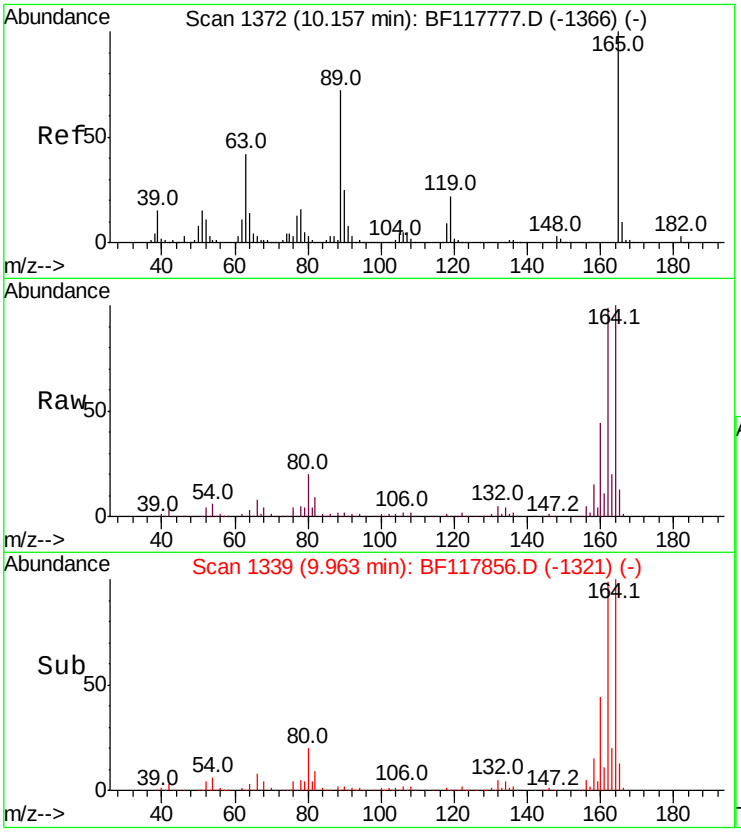


#50
Dimethylphthalate
Concen: 10.066 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion:163 Resp: 371182

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.2	8.7	13.1



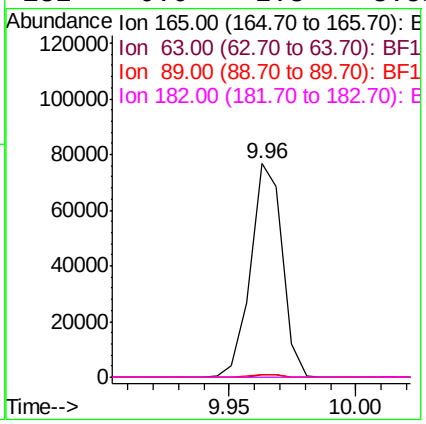


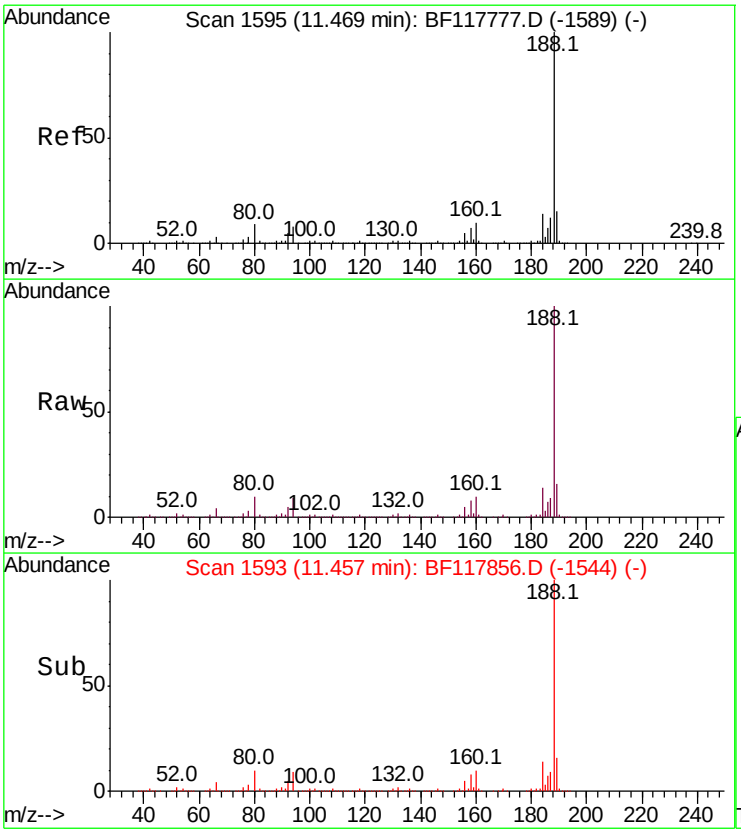
#57
2,4-Dinitrotoluene
Concen: 6.518 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 66815

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#

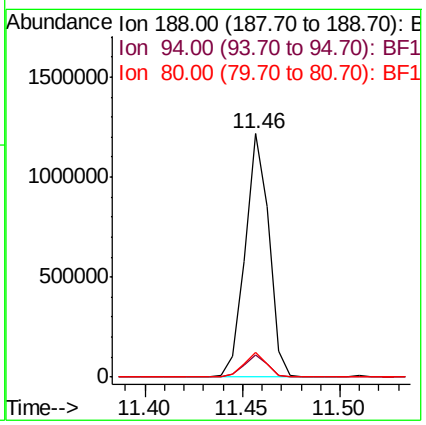


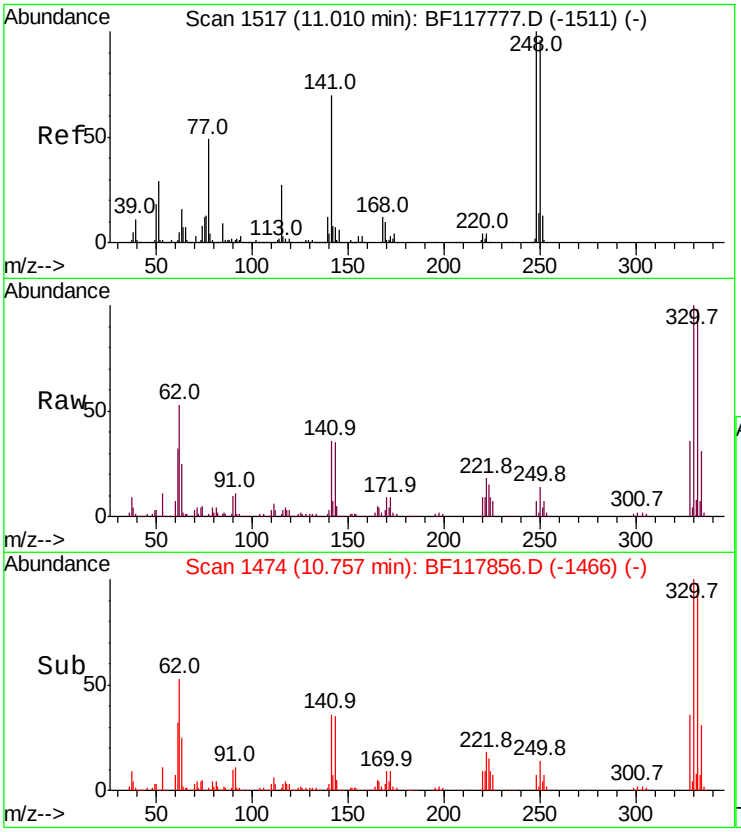


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion:188 Resp: 1027754

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	10.0
80	9.9	7.2	10.8



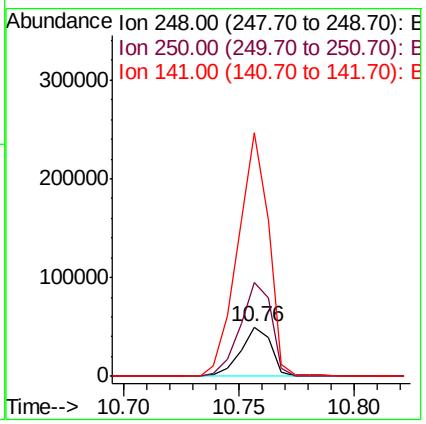


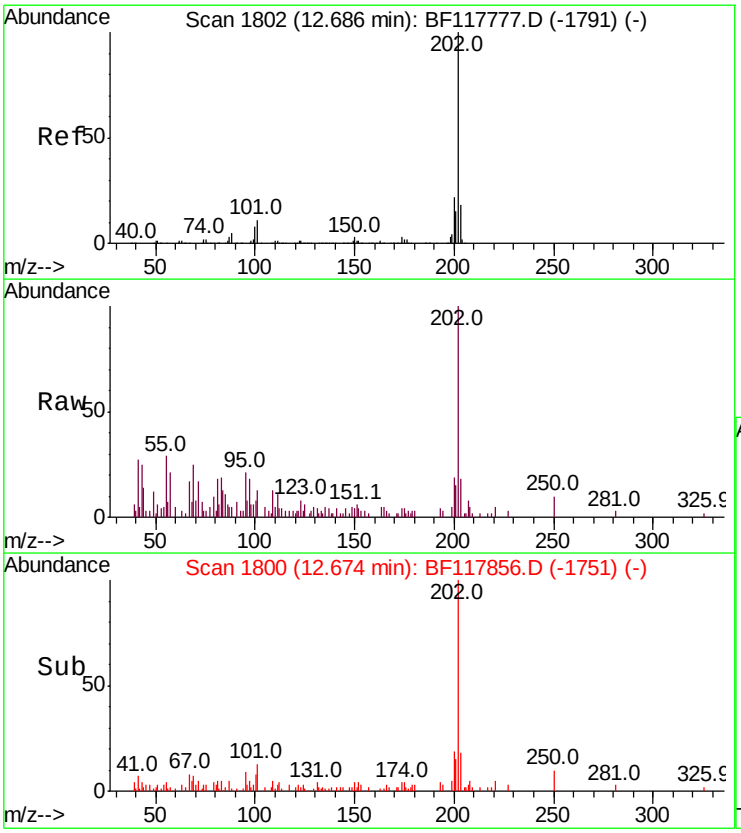
#67
4-Bromophenyl-phenylether
Concen: 4.162 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 46157

Ion	Ratio	Lower	Upper
248	100		
250	190.7	76.6	115.0#
141	495.8	55.9	83.9#

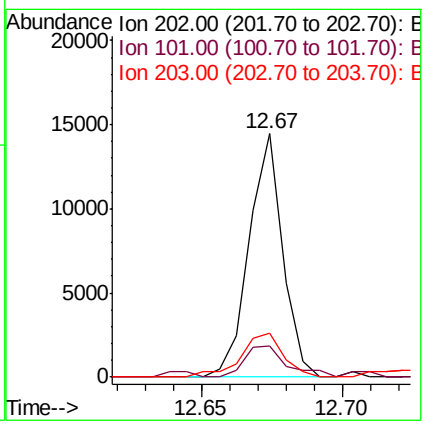


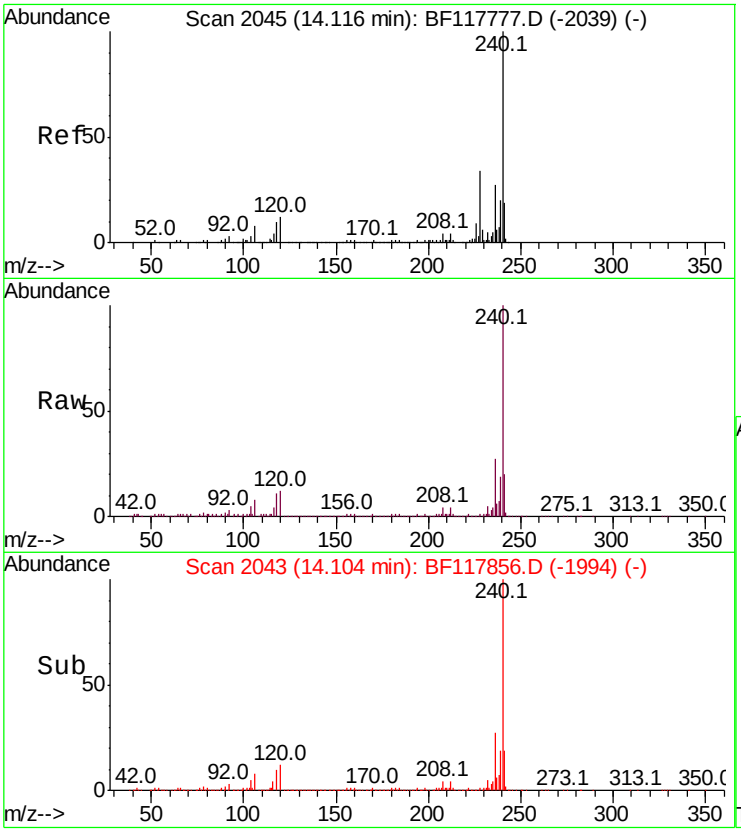


#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion:202 Resp: 11954

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.1
203	18.3	0.0	38.2



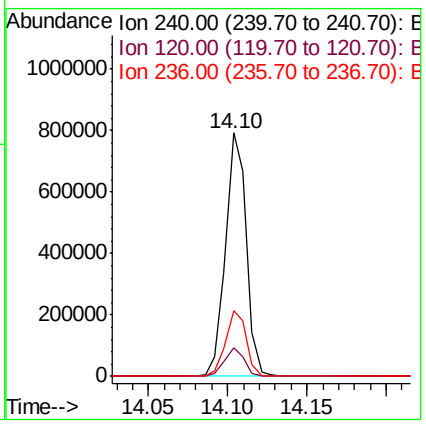


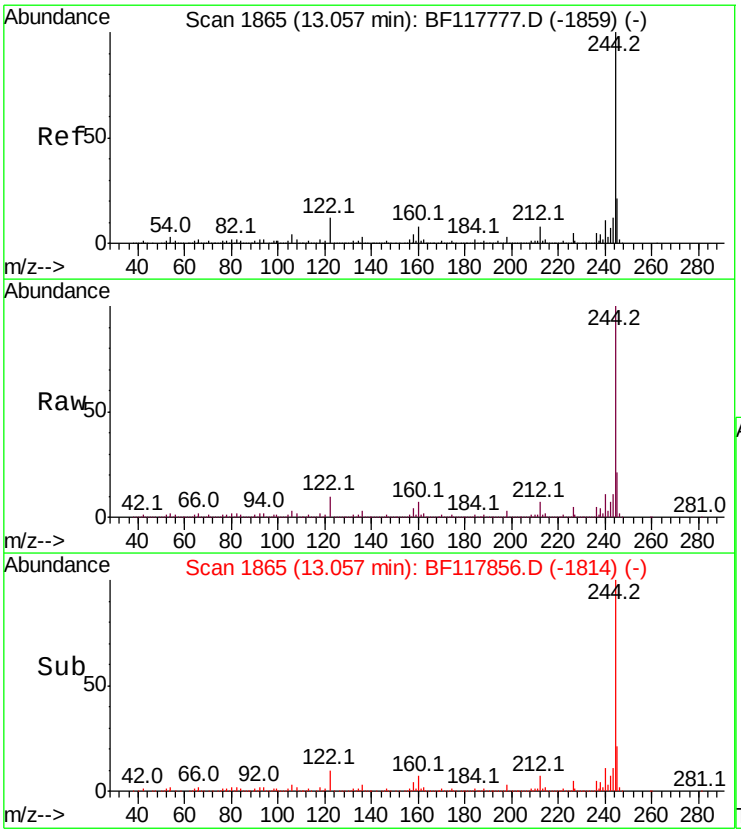
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 717819

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.8	21.3	31.9

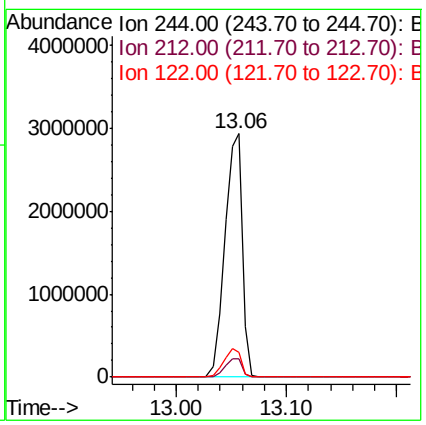


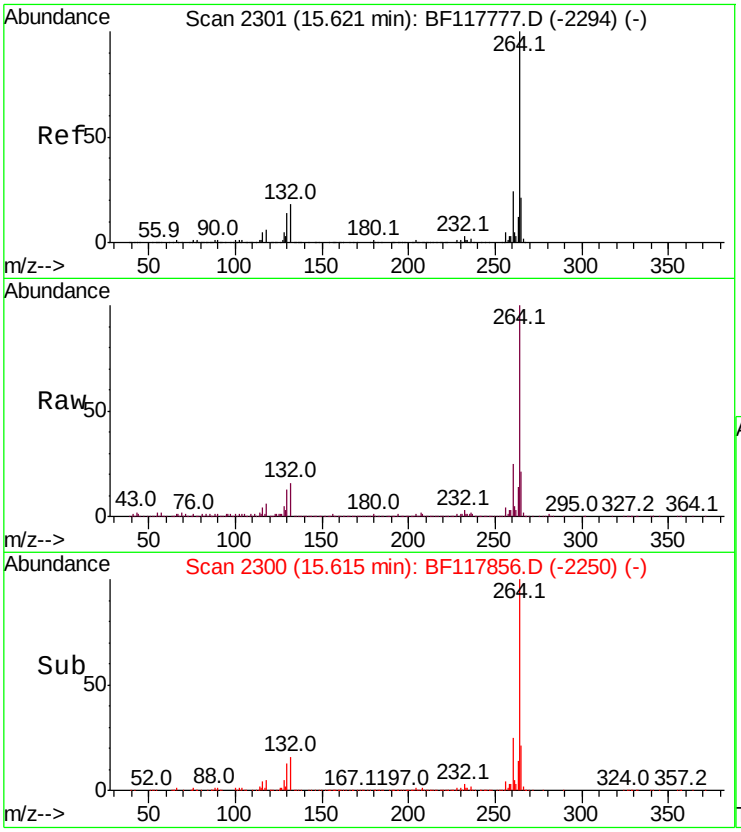


#79
Terphenyl-d14
Concen: 82.428 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Tgt Ion:244 Resp: 3237462

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	10.3	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117856.D
Acq: 19 Nov 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 642214

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.2	17.1	25.7