Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
Data File : BF117684.D
Acq On : 1 Nov 2019 16:36
Operator : JU
Sample : K5494-07DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 01 17:11:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	39093	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	163974	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	91764	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	162418	20.00	ng	0.00
76) Chrysene-d12	13.89	240	104627	20.00	ng	0.00
87) Perylene-d12	15.33	264	87811	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	97115	36.96	ng	0.00
7) Phenol-d6	6.39	99	156671	44.39	ng	0.00
23) Nitrobenzene-d5	7.30	82	100470	30.25	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	34062	42.90	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	174851	26.85	ng	-0.02
79) Terphenyl-d14	12.82	244	181224	28.25	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	2930	Below Cal	#	68
19) n-Nitroso-di-n-propylamine	7.30	70	12650	5.869	ng	# 76
25) Isophorone	7.30	82	100470	17.486	ng	# 65
50) Dimethylphthalate	9.49	163	29338	4.485	ng	100
51) 2,6-Dinitrotoluene	9.76	165	11276	8.260	ng	# 22
57) 2,4-Dinitrotoluene	9.76	165	11276	6.213	ng	# 12
77) Benzidine	12.82	184	2297	Below Cal	#	93

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

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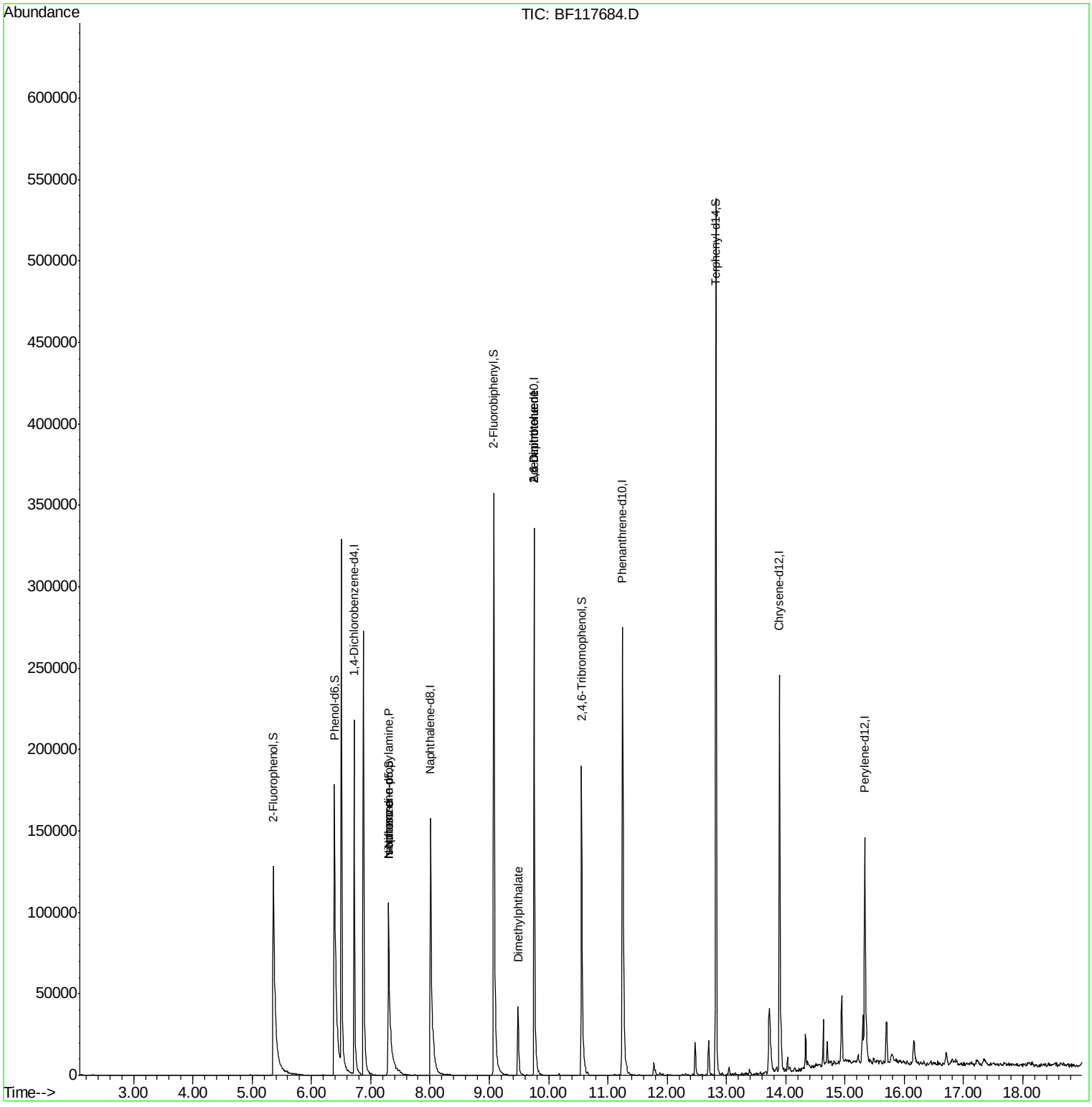
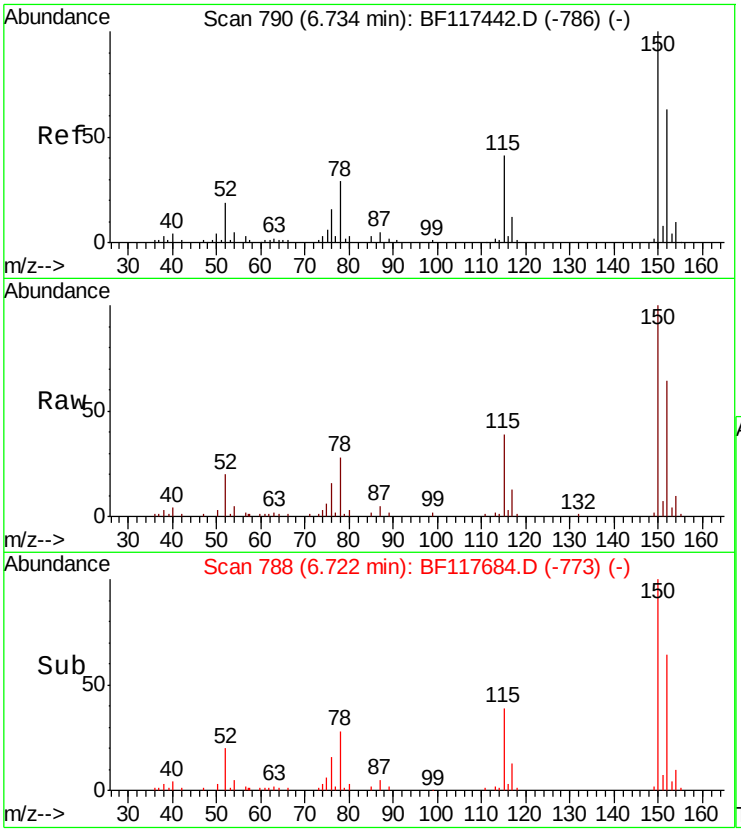


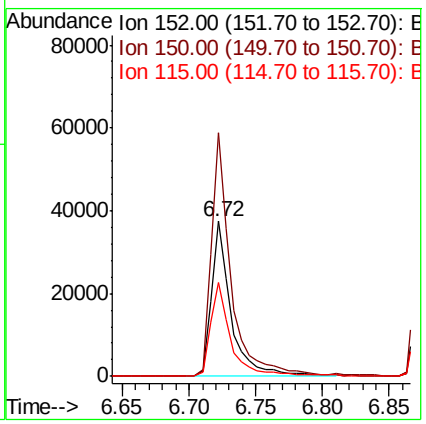


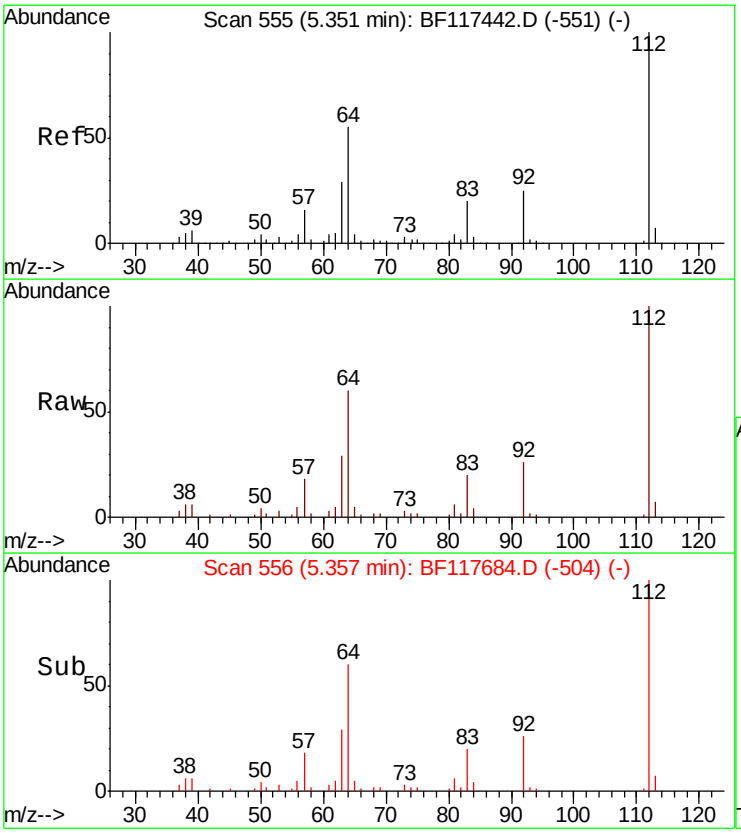
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 39093

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.8	190.2
115	60.8	51.6	77.4

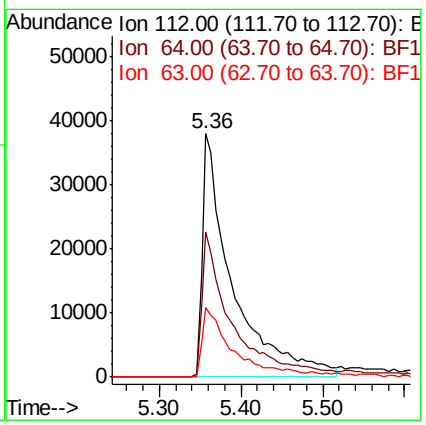


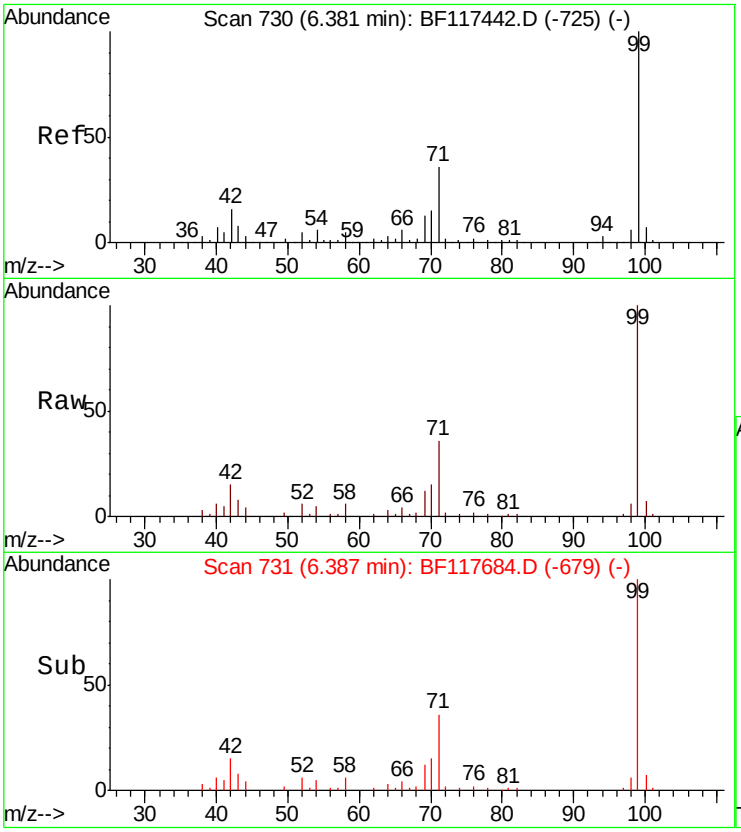


#5
2-Fluorophenol
Concen: 36.958 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Tgt Ion:112 Resp: 97115

Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.1	66.1
63	28.7	23.4	35.2



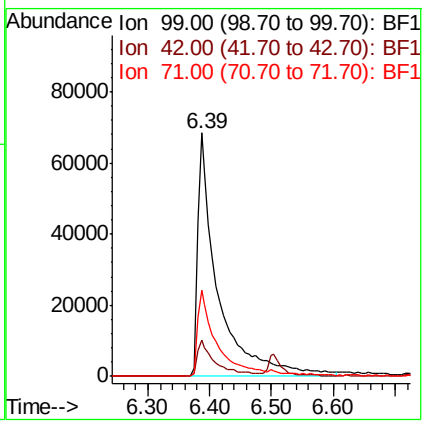


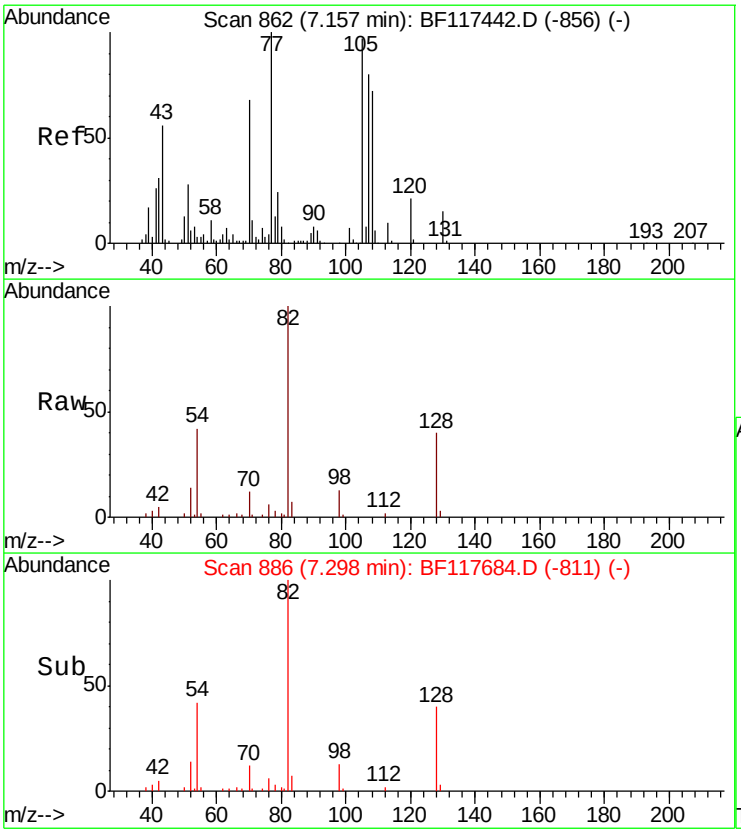
#7
Phenol-d6
Concen: 44.391 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 156671

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.8	19.2
71	35.7	28.6	43.0

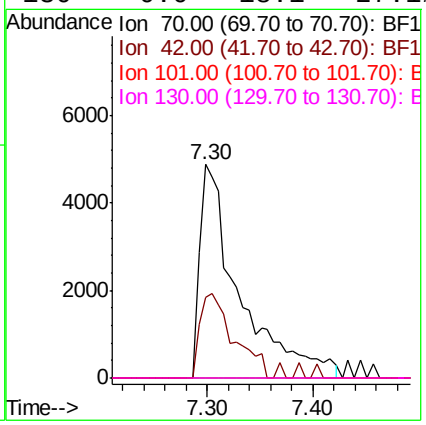


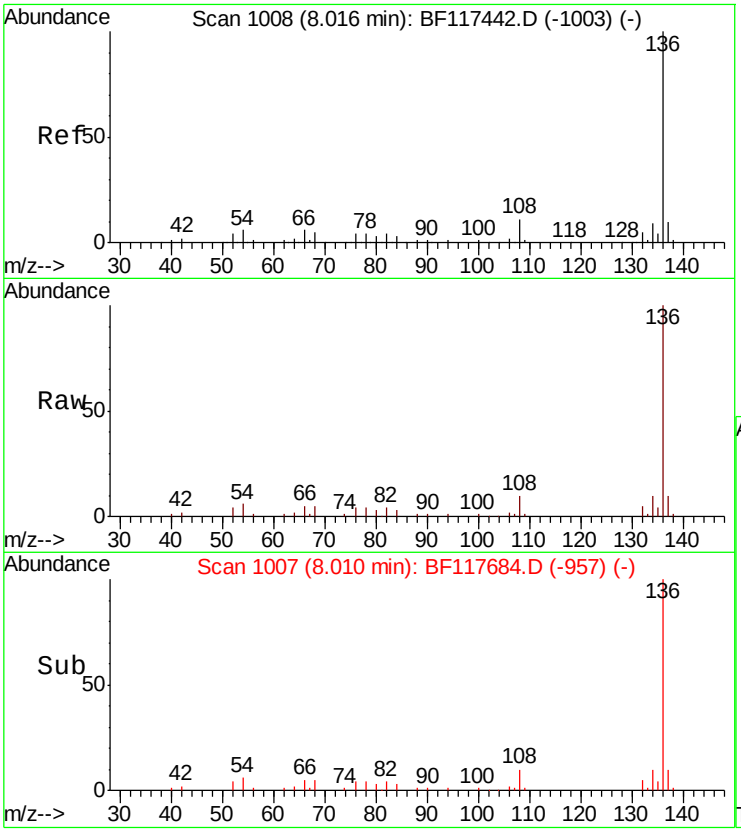


#19
n-Nitroso-di-n-propylamine
Concen: 5.869 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Tgt Ion: 70 Resp: 12650

Ion	Ratio	Lower	Upper
70	100		
42	37.5	36.7	55.1
101	0.0	8.3	12.5#
130	0.0	18.1	27.1#



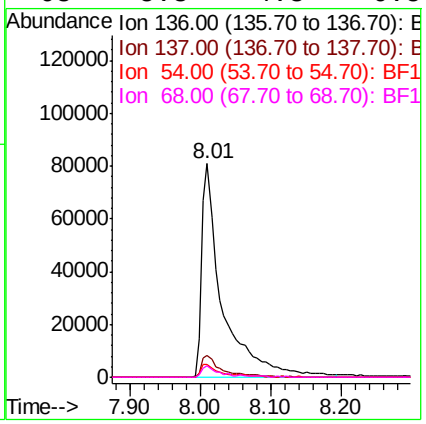


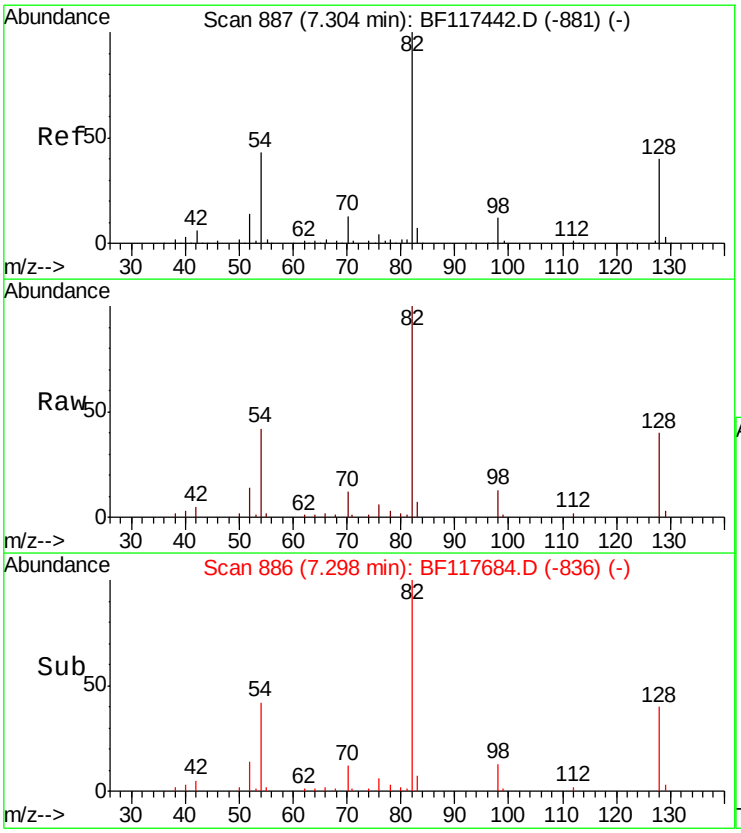
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 163974

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	5.8	4.5	6.7
68	5.3	4.3	6.5

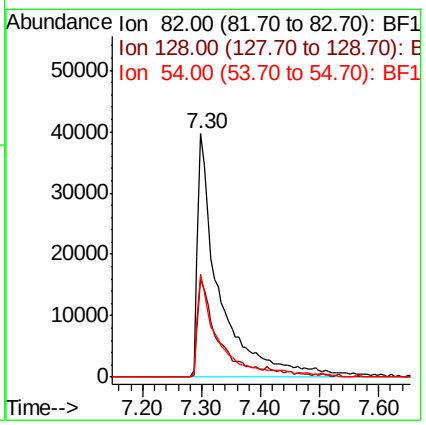


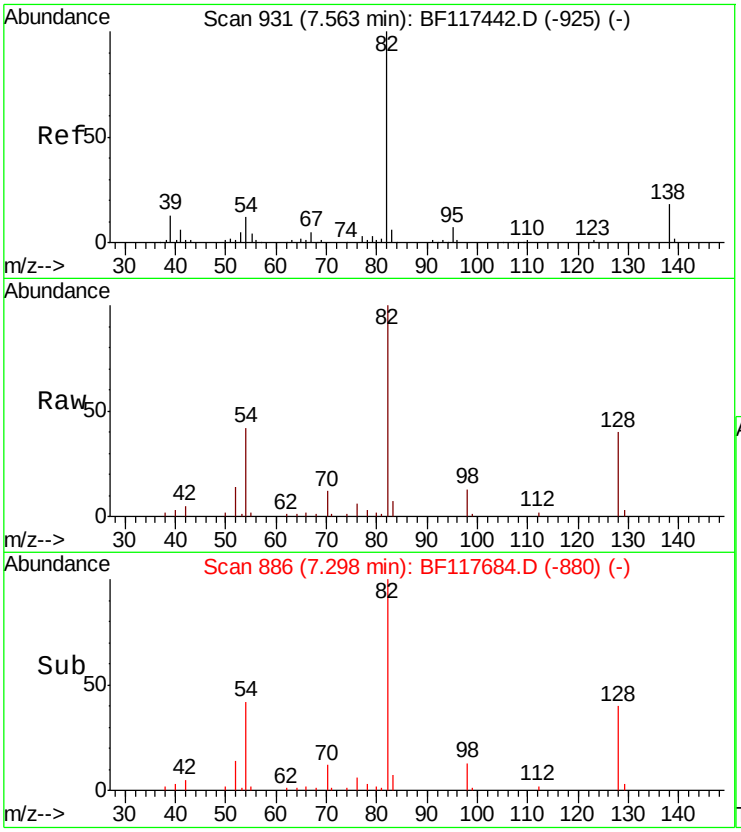


#23
Nitrobenzene-d5
Concen: 30.249 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Tgt Ion: 82 Resp: 100470

Ion	Ratio	Lower	Upper
82	100		
128	40.0	32.2	48.2
54	42.0	34.2	51.2



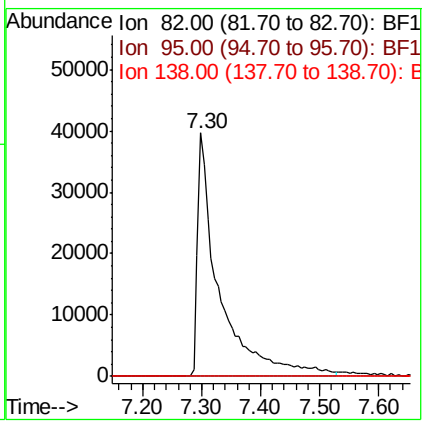


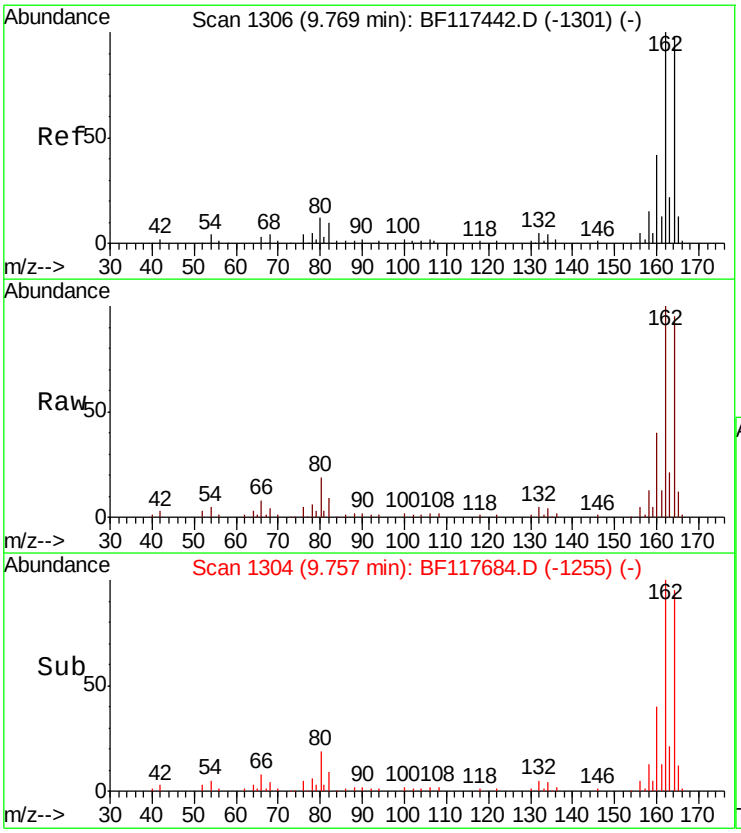
#25
Isophorone
Concen: 17.486 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 100470

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

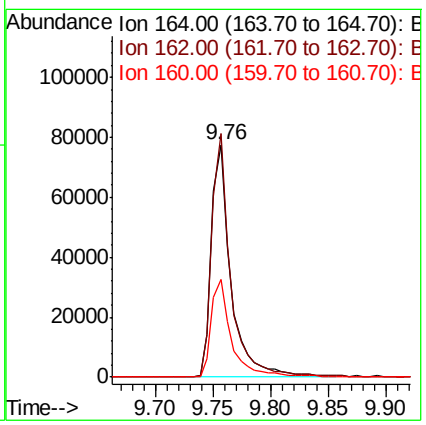


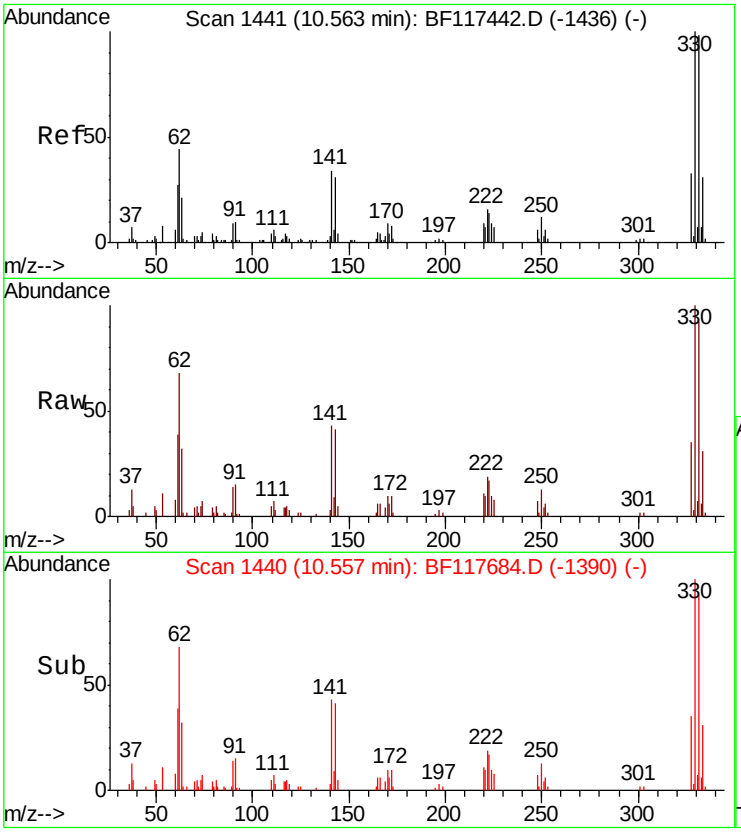


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Tgt Ion:164 Resp: 91764

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.8	122.6
160	42.0	34.4	51.6



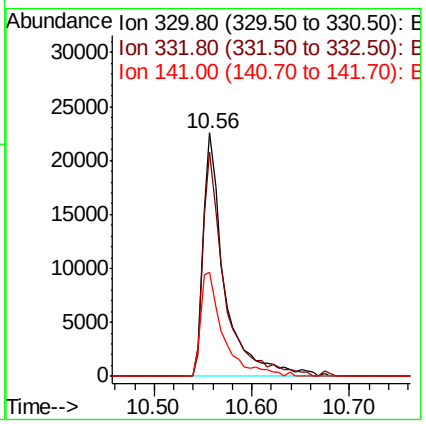


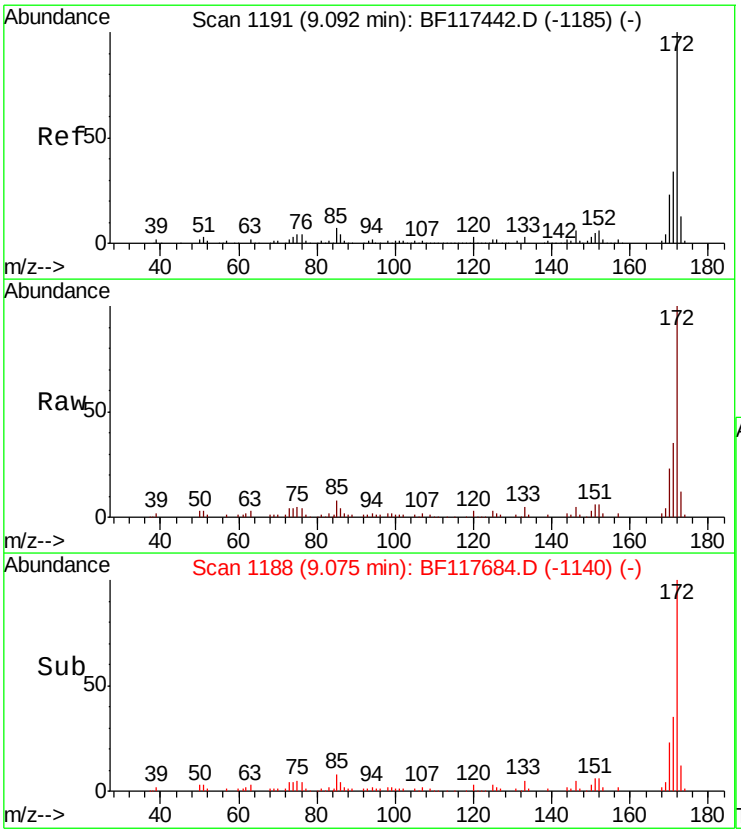
#42
2,4,6-Tribromophenol
Concen: 42.900 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 34062

Ion	Ratio	Lower	Upper
330	100		
332	92.8	78.5	117.7
141	45.2	37.0	55.6

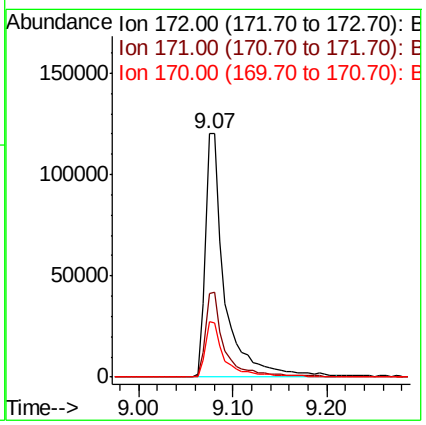


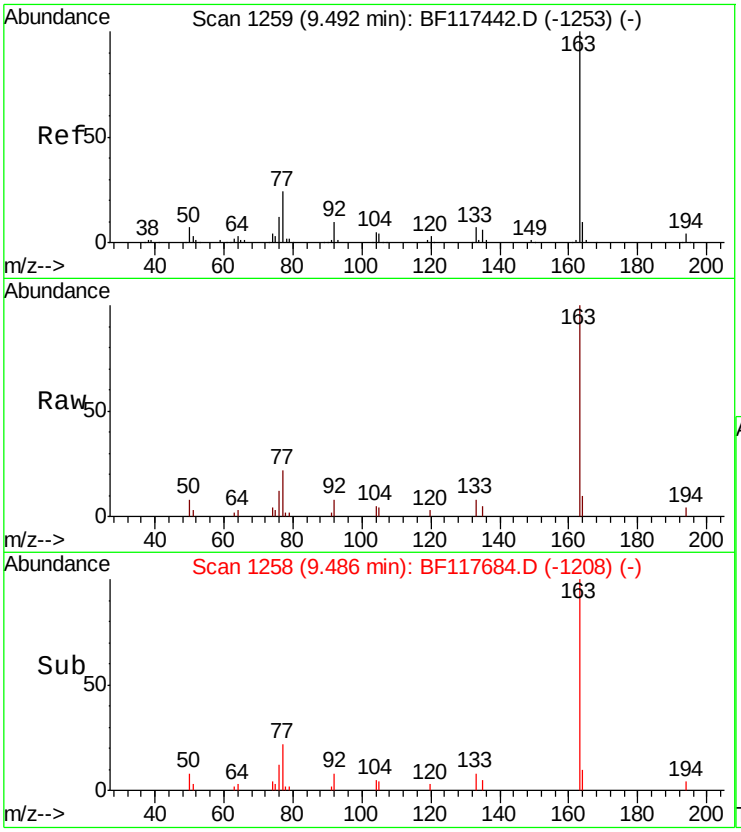


#45
2-Fluorobiphenyl
Concen: 26.847 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Tgt Ion:172 Resp: 174851

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.5	41.3
170	23.0	18.6	27.8



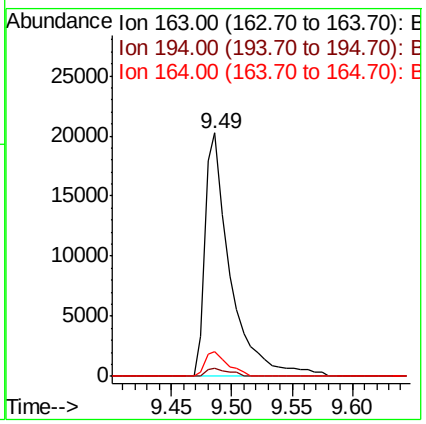


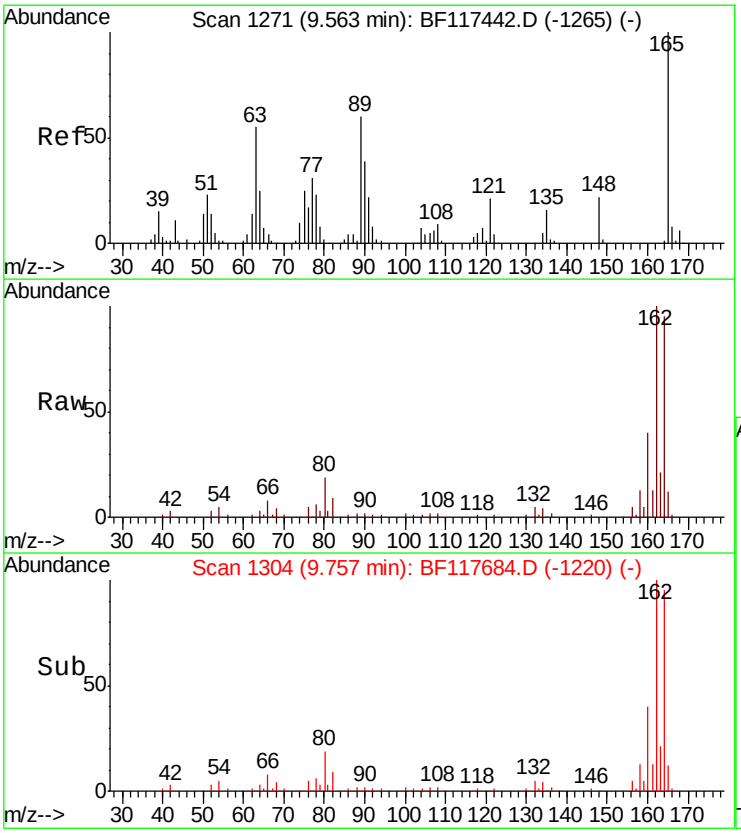
#50
Dimethylphthalate
Concen: 4.485 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 29338

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	10.1	8.2	12.2

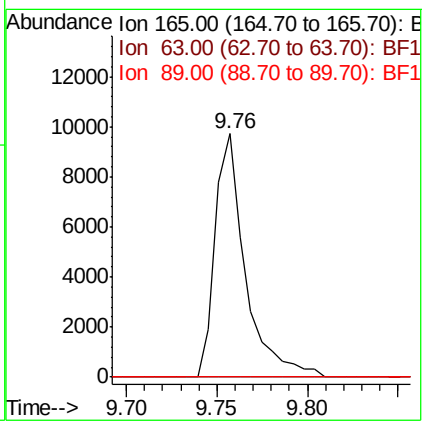


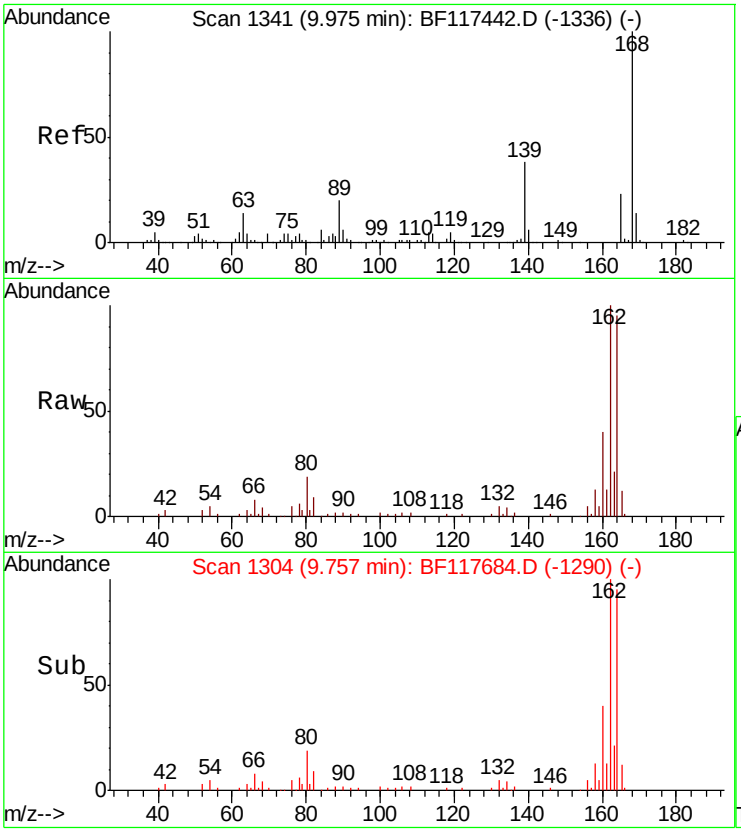


#51
2,6-Dinitrotoluene
Concen: 8.260 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.19 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Tgt Ion:165 Resp: 11276

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	0.0	47.6	71.4#



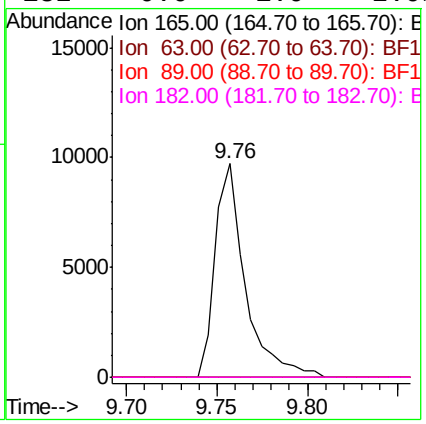


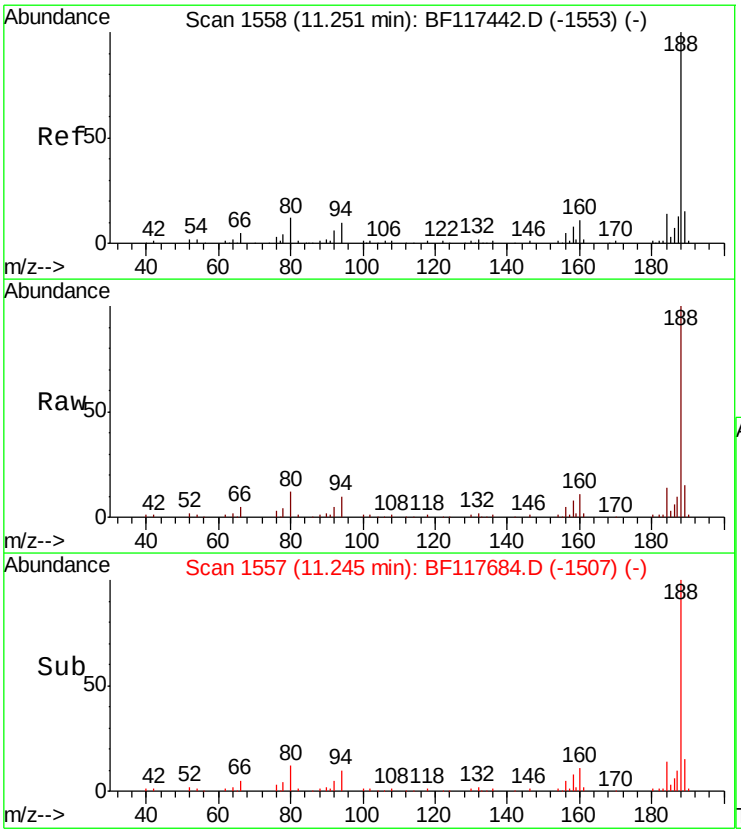
#57
2,4-Dinitrotoluene
Concen: 6.213 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11276

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.4	77.0#
89	0.0	69.9	104.9#
182	0.0	1.9	2.9#

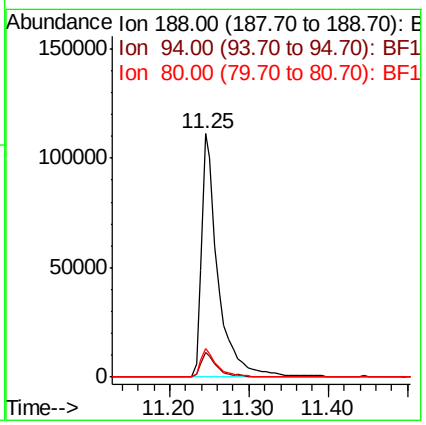


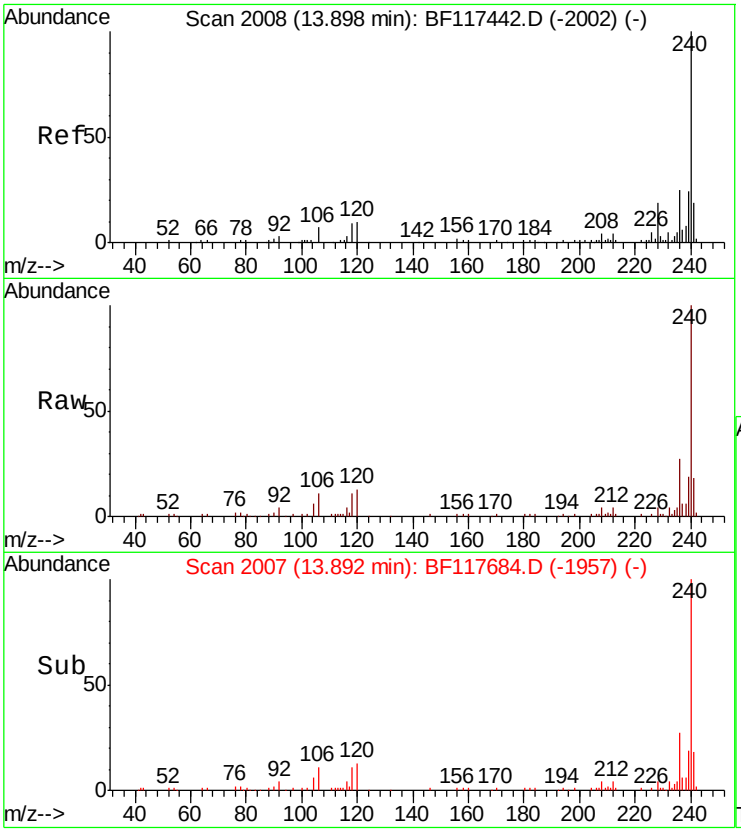


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Tgt Ion:188 Resp: 162418

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	11.8	9.5	14.3



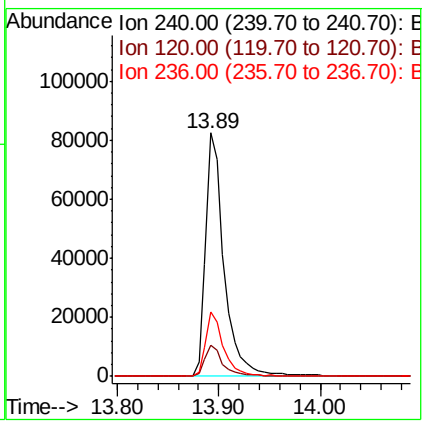


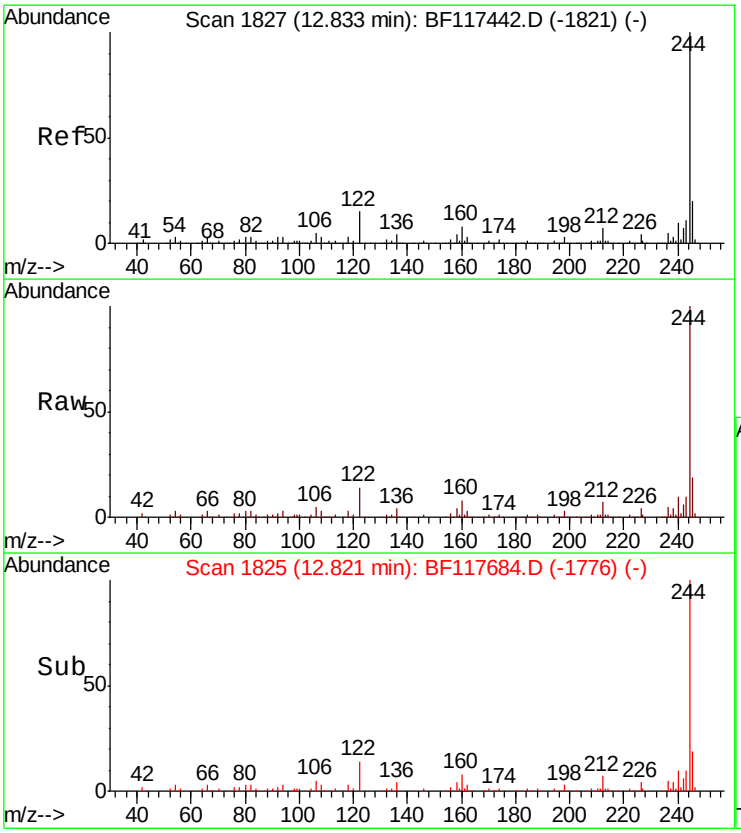
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 104627

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.4	12.6
236	26.6	20.0	30.0

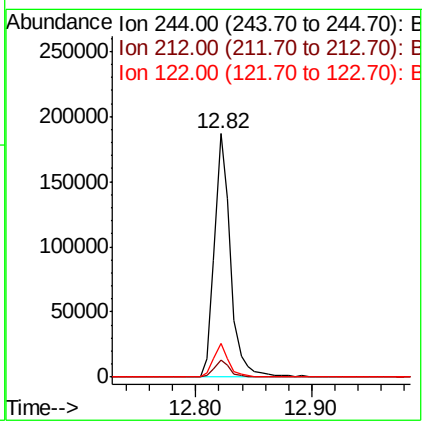


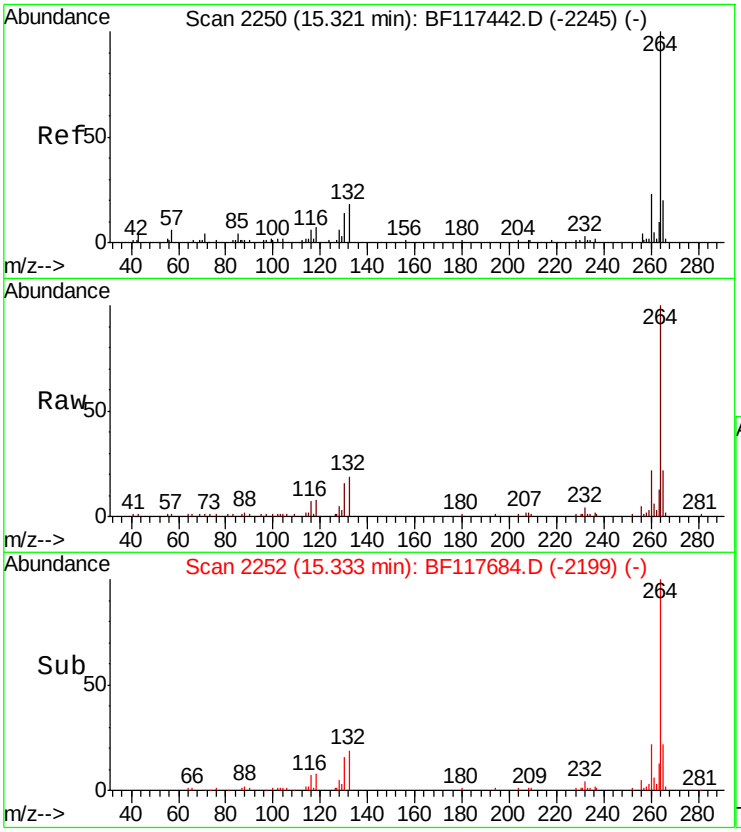


#79
Terphenyl-d14
Concen: 28.252 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Tgt Ion:244 Resp: 181224

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	13.8	11.8	17.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117684.D
Acq: 1 Nov 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 87811

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.4	27.6
265	22.4	16.1	24.1