Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117491.D
Acq On : 23 Oct 2019 18:58
Operator : JU
Sample : K5485-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 24 08:24:04 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	6.73	152	40652	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	162823	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	85409	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	143019	20.00	ng	0.00
76) Chrysene-d12	13.89	240	91705	20.00	ng	0.00
87) Perylene-d12	15.32	264	90597	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	245489	89.84	ng	0.00
7) Phenol-d6	6.38	99	337887	92.06	ng	0.00
23) Nitrobenzene-d5	7.30	82	208950	63.35	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	69355	93.85	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	365445	60.29	ng	0.00
79) Terphenyl-d14	12.83	244	368309	65.51	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.37	77	333	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.30	70	27682	12.350	ng	# 78
25) Isophorone	7.30	82	208949	36.622	ng	# 65
50) Dimethylphthalate	9.48	163	49856	8.188	ng	99
51) 2,6-Dinitrotoluene	9.76	165	10581	8.328	ng	# 22
57) 2,4-Dinitrotoluene	9.76	165	10581	6.264	ng	# 12
67) 4-Bromophenyl-phenylether	10.56	248	3863	2.508	ng	# 1
77) Benzidine	12.83	184	5168	Below Cal	#	93

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

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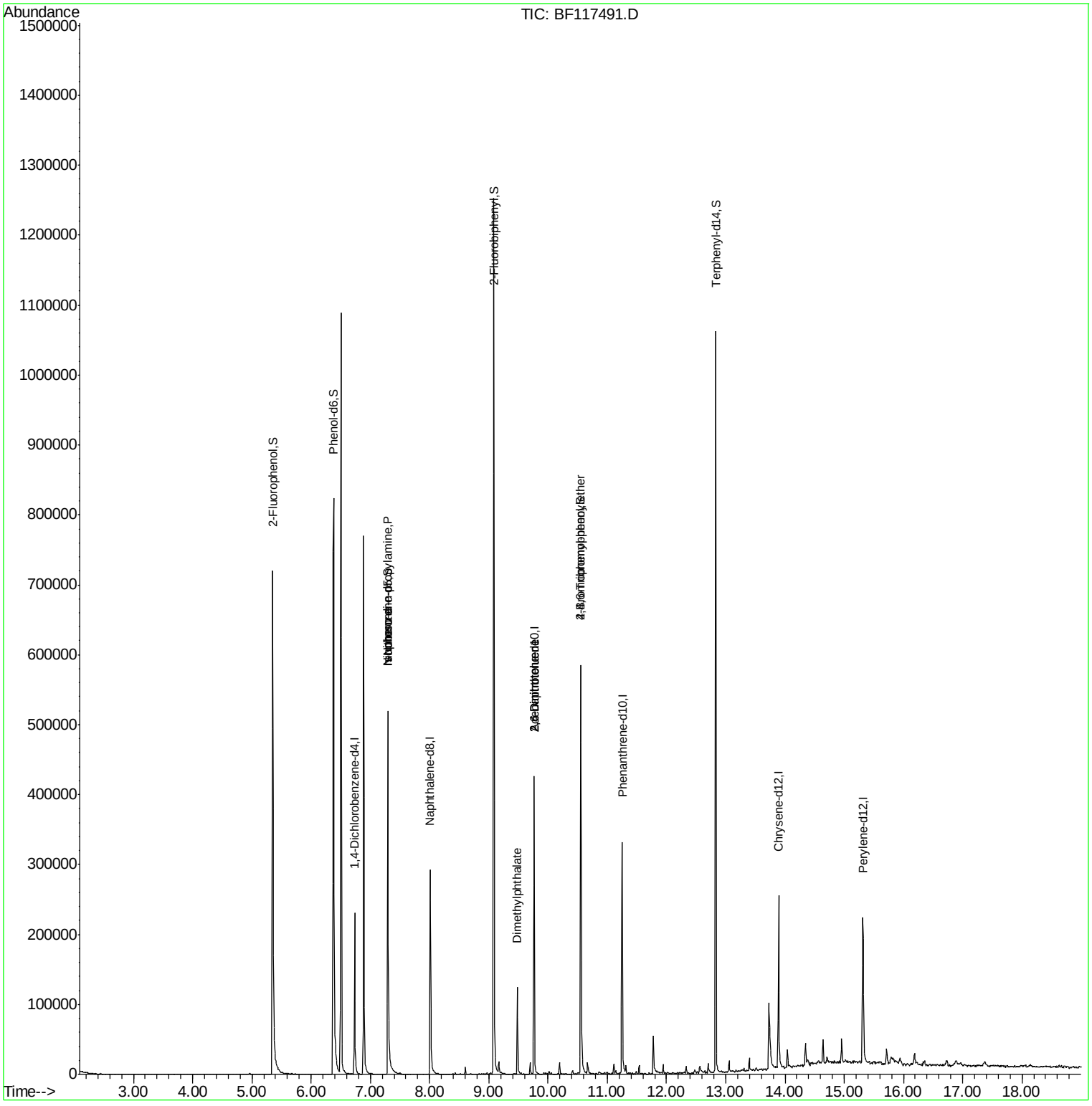
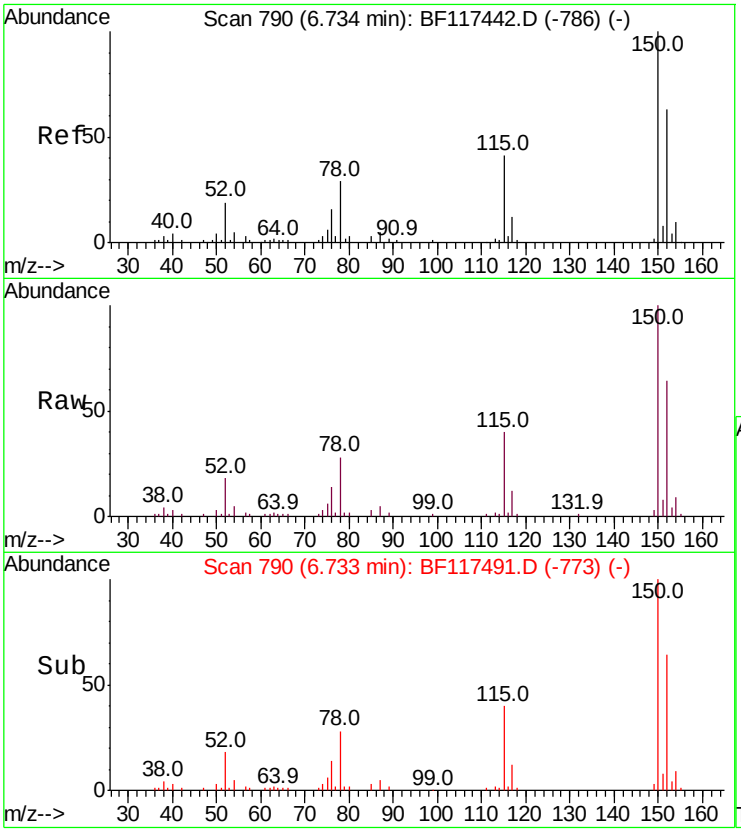


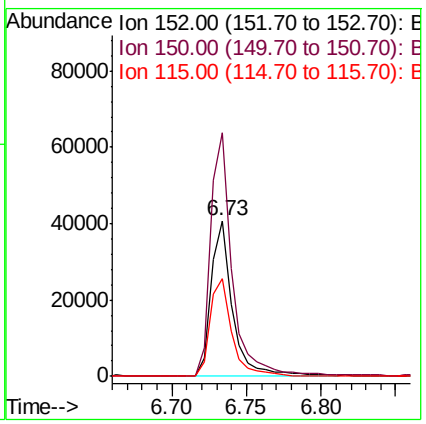


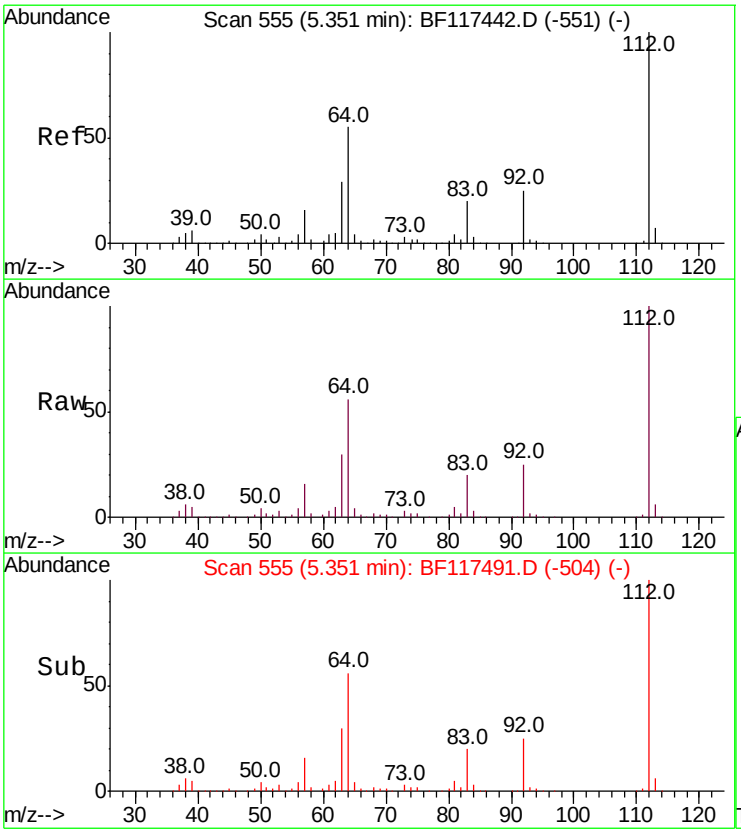
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 40652

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.8	190.2
115	62.5	51.6	77.4

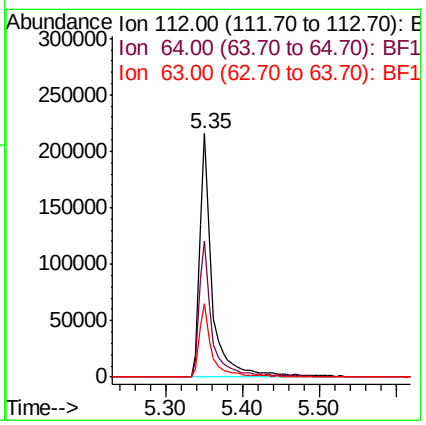


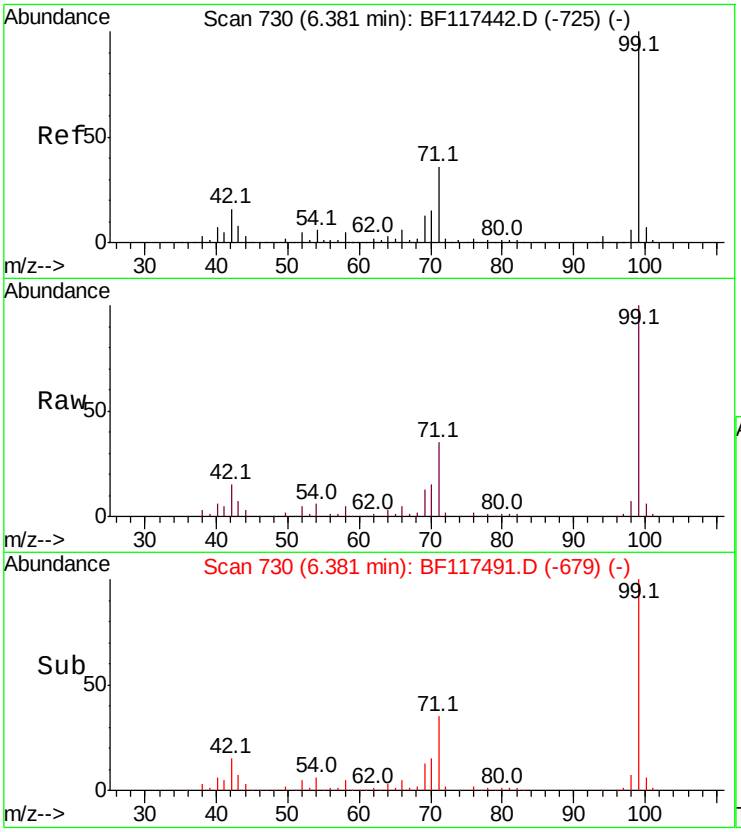


#5
2-Fluorophenol
Concen: 89.839 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Tgt Ion:112 Resp: 245489

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.1	66.1
63	30.3	23.4	35.2



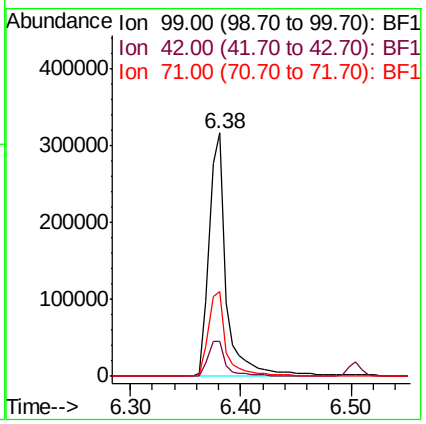


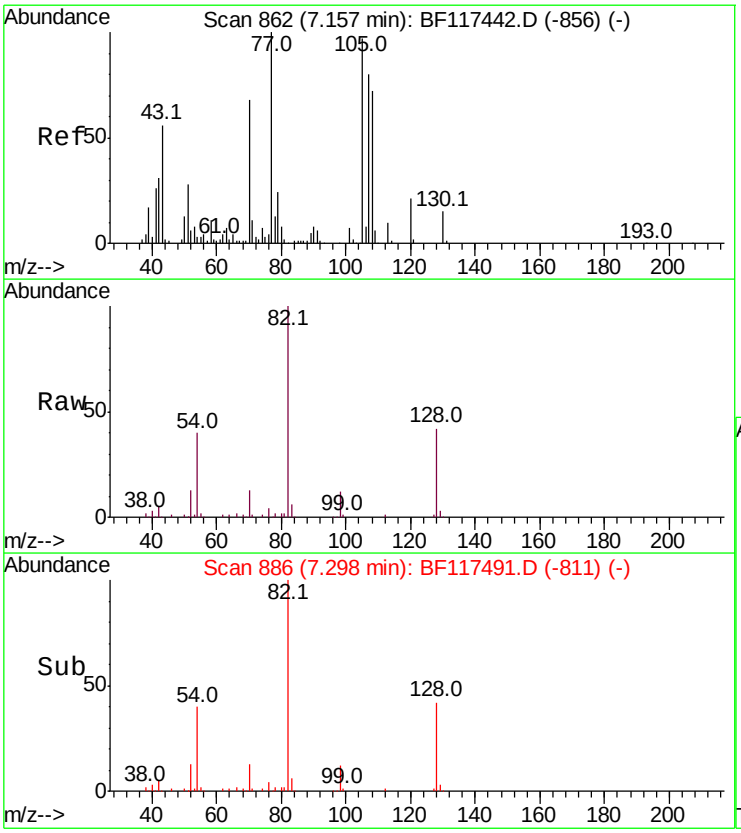
#7
Phenol-d6
Concen: 92.065 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 337887

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.8	19.2
71	34.9	28.6	43.0

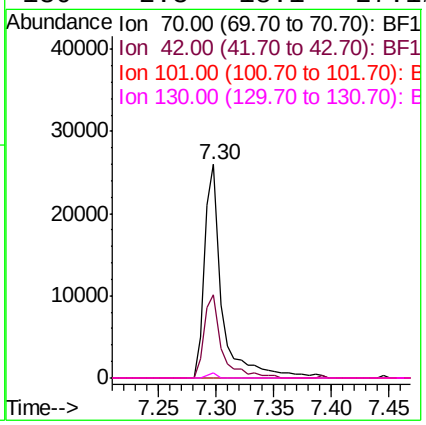


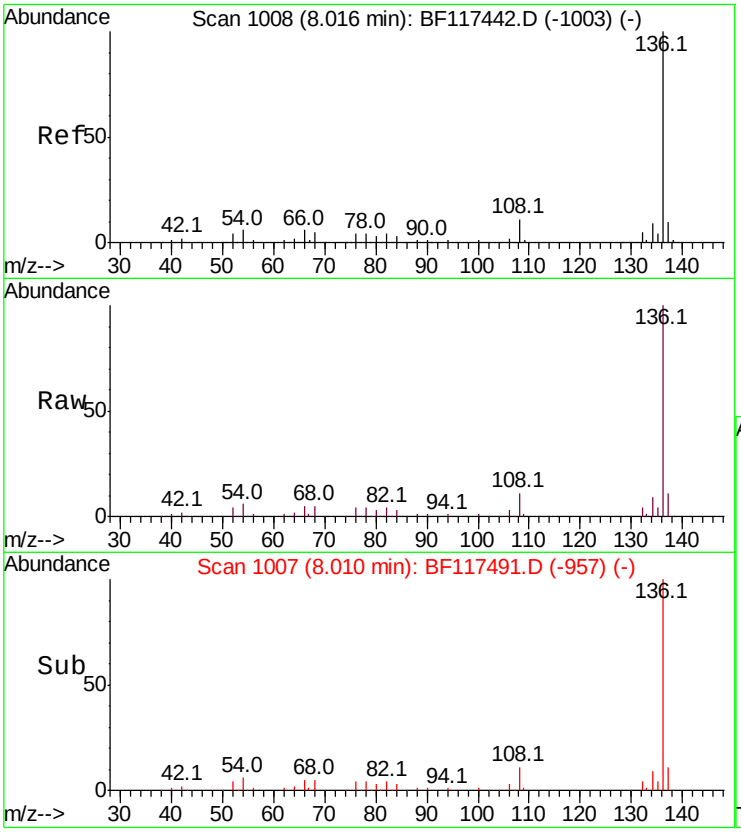


#19
n-Nitroso-di-n-propylamine
Concen: 12.350 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Tgt Ion: 70 Resp: 27682

Ion	Ratio	Lower	Upper
70	100		
42	39.1	36.7	55.1
101	0.0	8.3	12.5#
130	2.3	18.1	27.1#



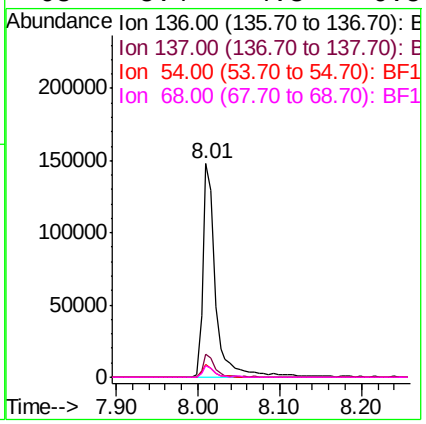


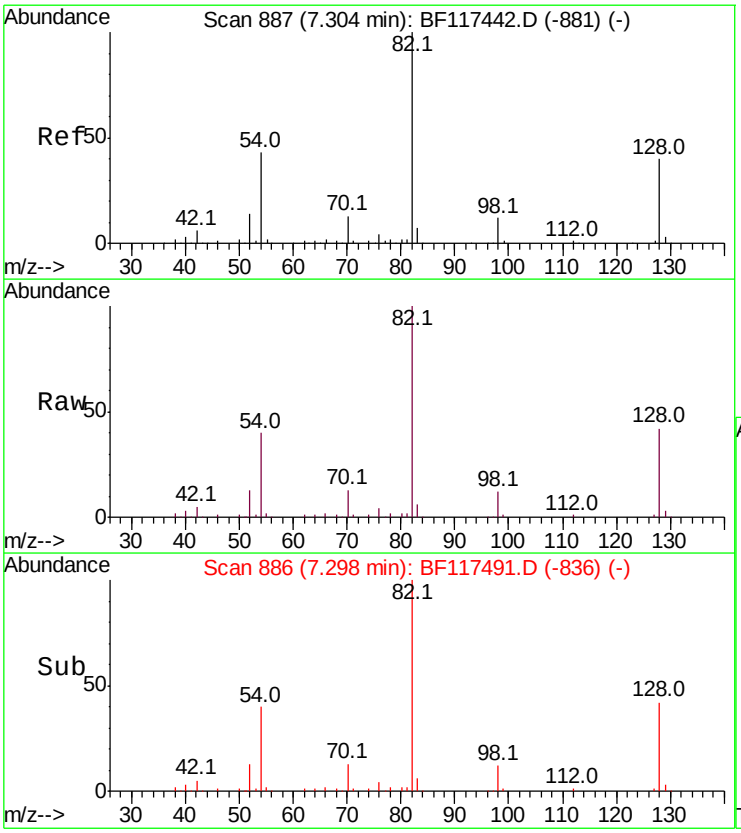
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 162823

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	6.0	4.5	6.7
68	5.4	4.3	6.5

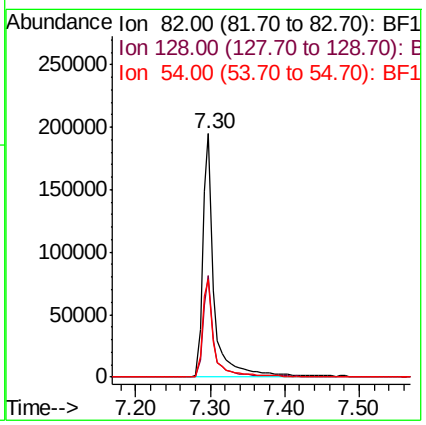


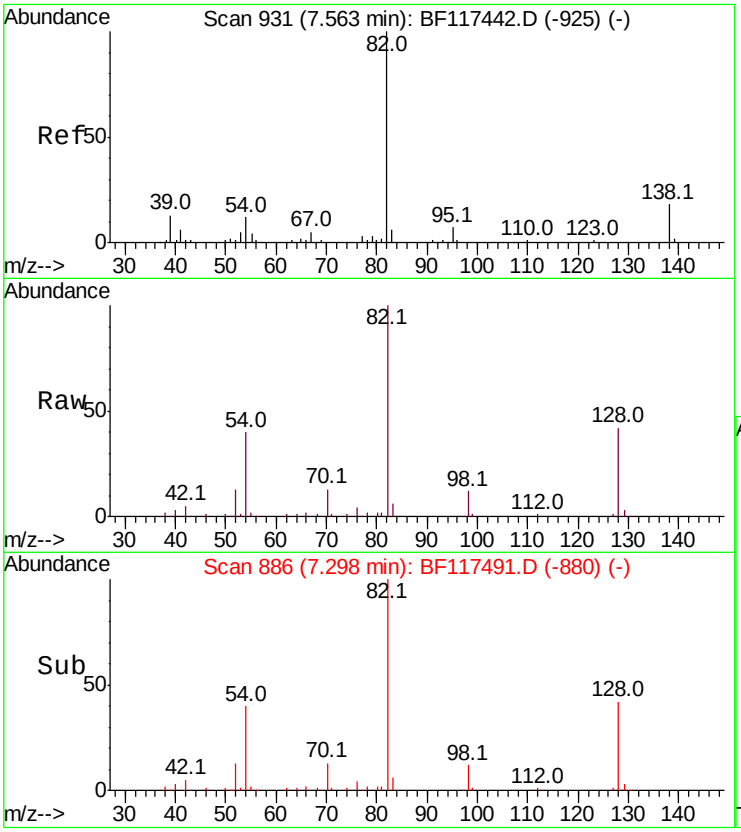


#23
Nitrobenzene-d5
Concen: 63.354 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Tgt Ion: 82 Resp: 208950

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.2	48.2
54	40.0	34.2	51.2



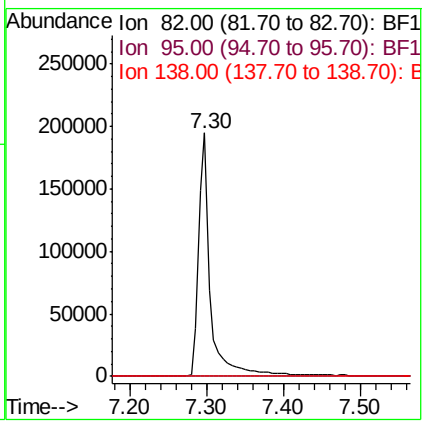


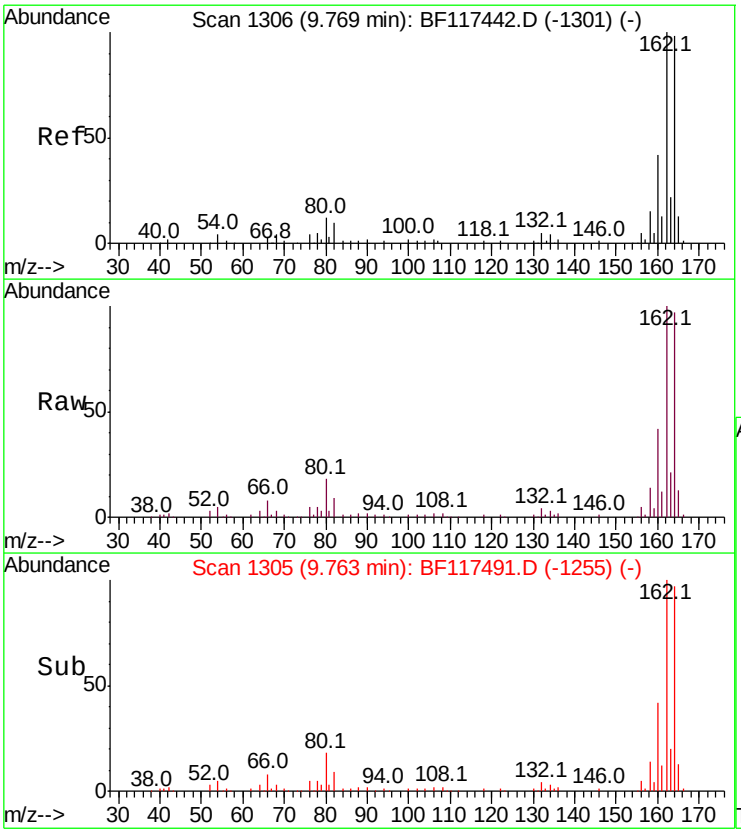
#25
Isophorone
Concen: 36.622 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 208949

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

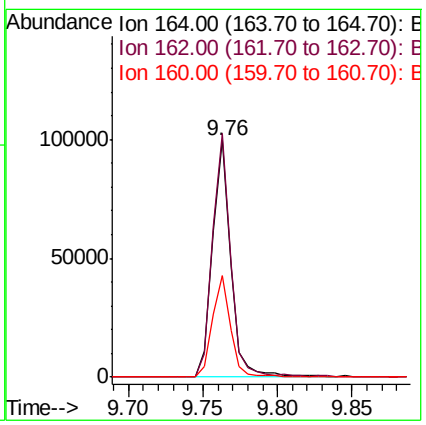


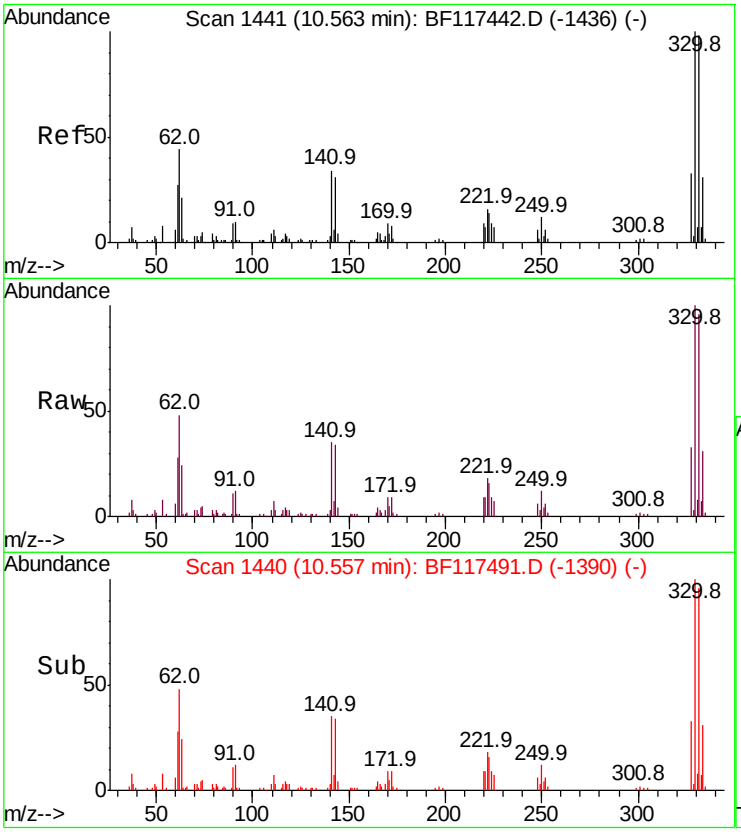


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Tgt Ion:164 Resp: 85409

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.6
160	42.7	34.4	51.6



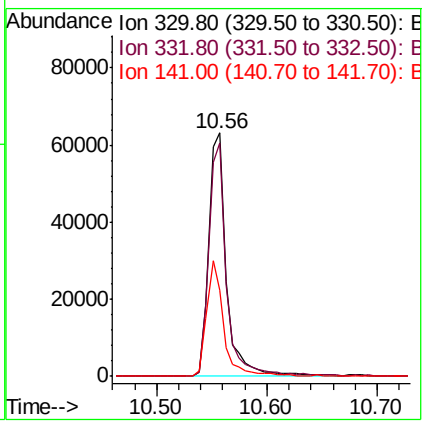


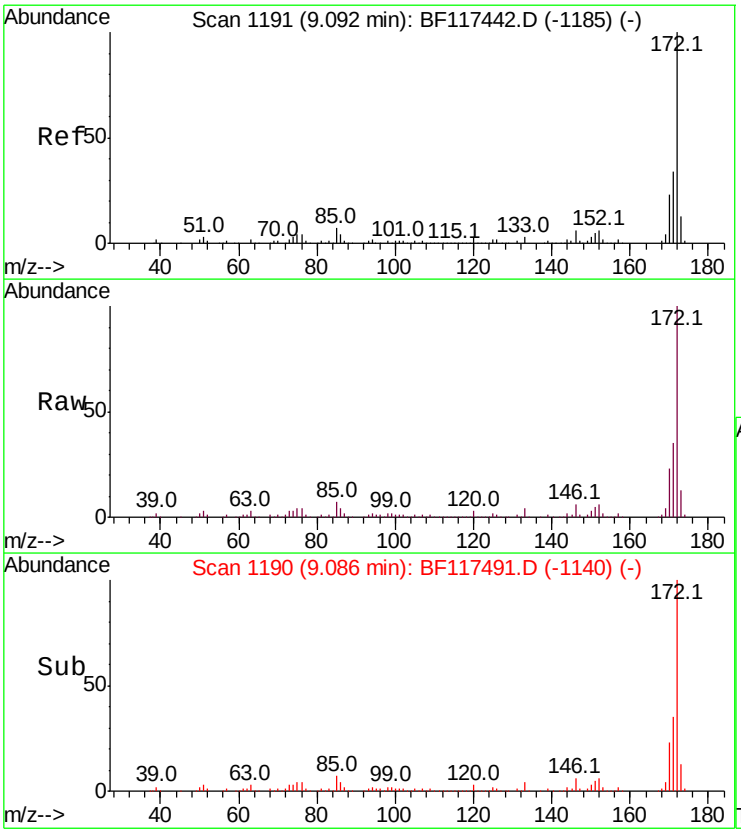
#42
2,4,6-Tribromophenol
Concen: 93.849 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 69355

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.5	117.7
141	44.6	37.0	55.6

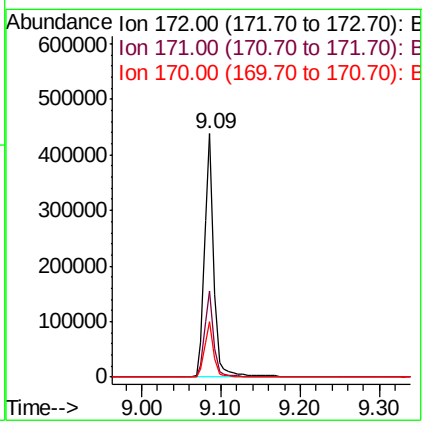


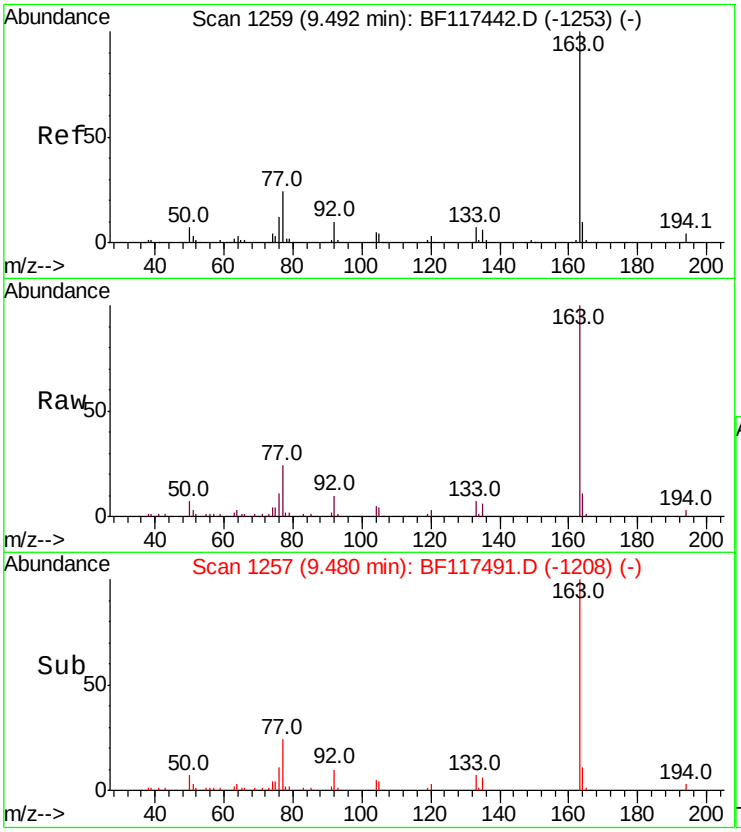


#45
2-Fluorobiphenyl
Concen: 60.287 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Tgt Ion:172 Resp: 365445

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.5	41.3
170	22.9	18.6	27.8



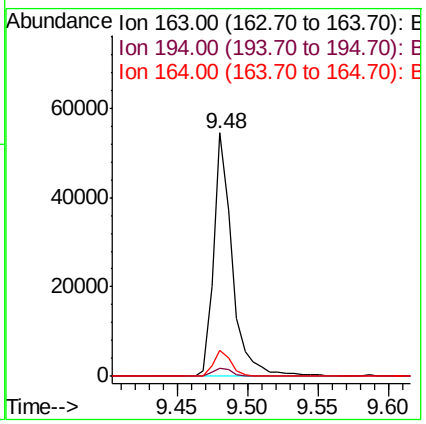


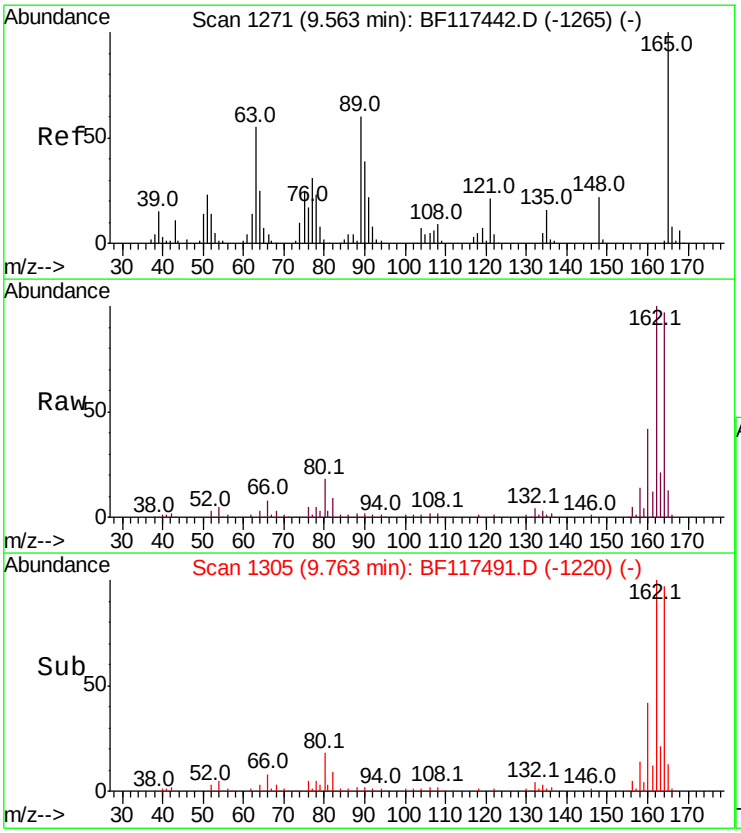
#50
Dimethylphthalate
Concen: 8.188 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 49856

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.6	8.2	12.2

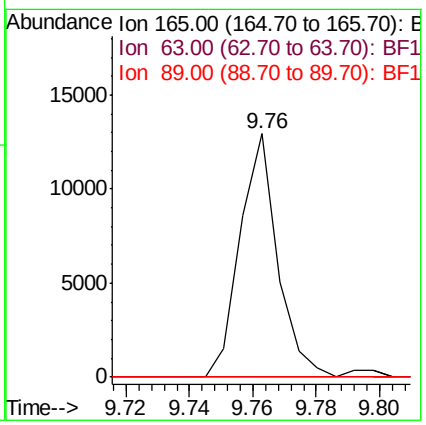


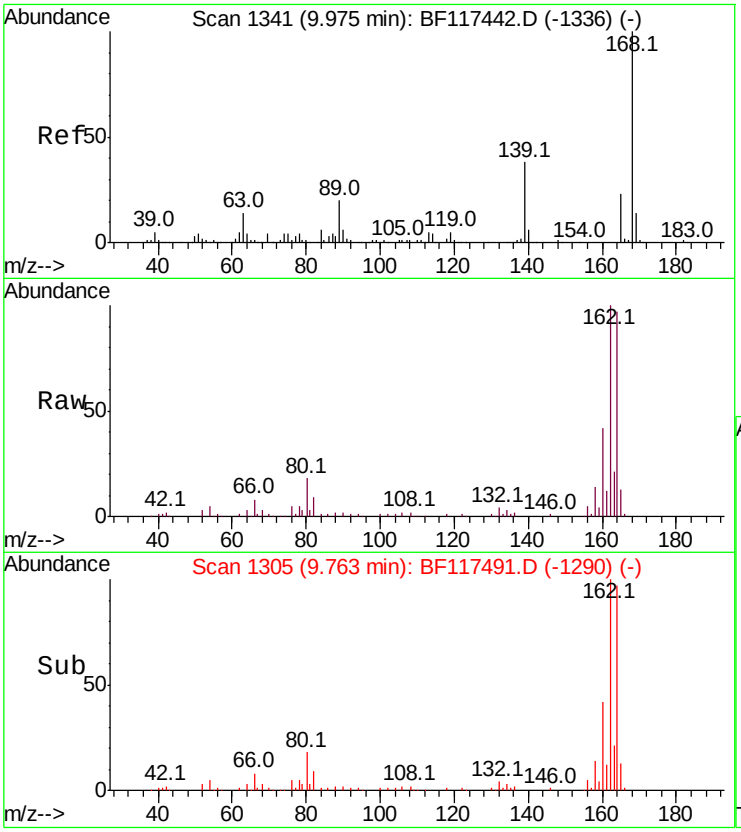


#51
2,6-Dinitrotoluene
Concen: 8.328 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Tgt Ion:165 Resp: 10581

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



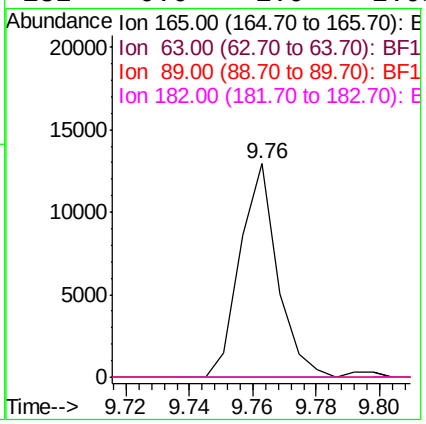


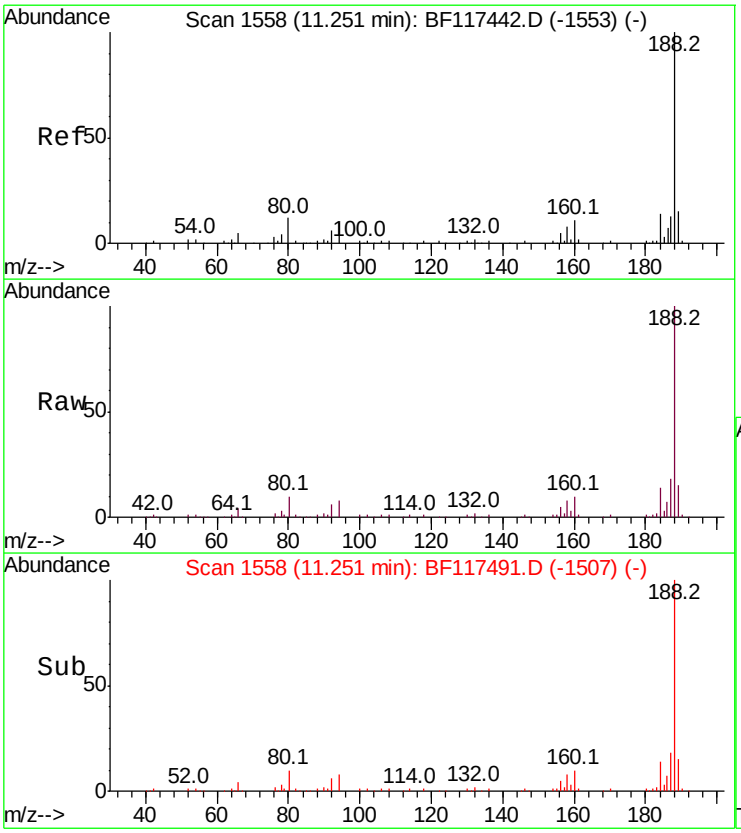
#57
2,4-Dinitrotoluene
Concen: 6.264 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10581

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#

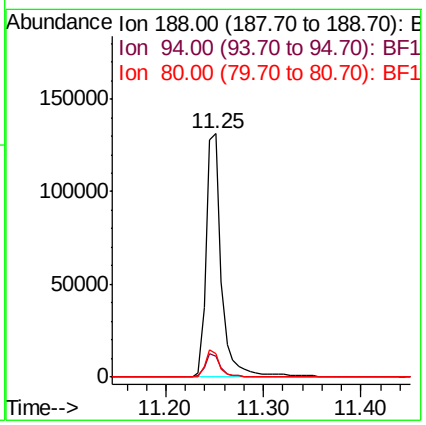


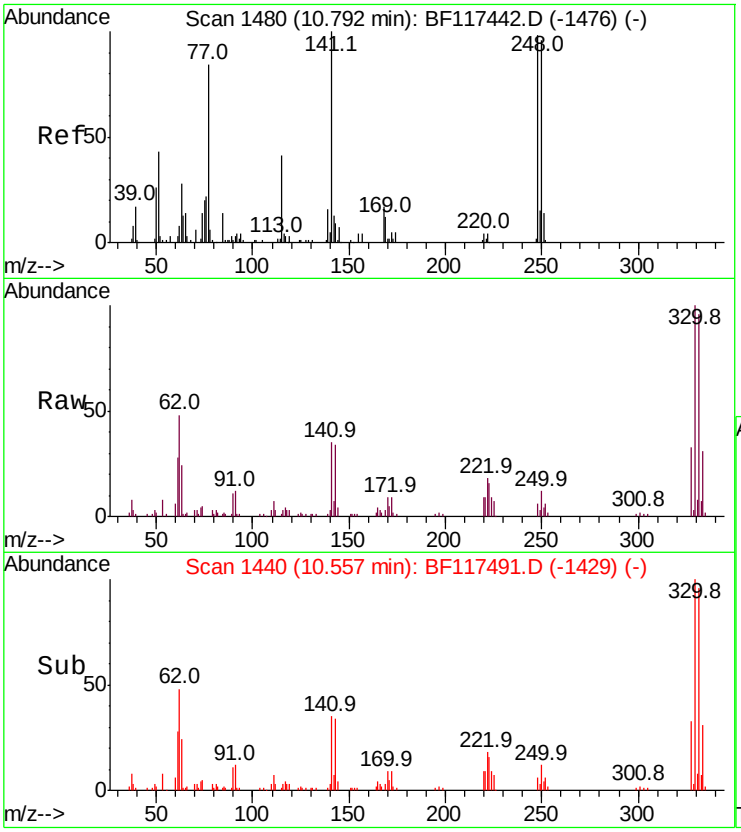


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Tgt Ion:188 Resp: 143019

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.0	12.0
80	9.7	9.5	14.3



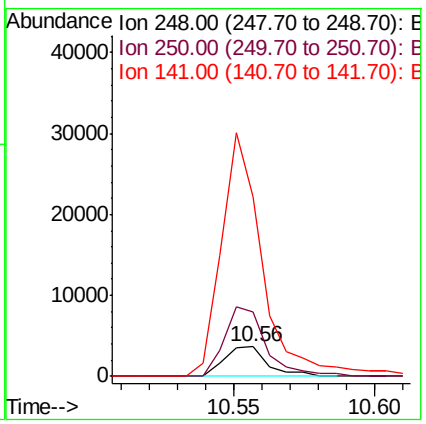


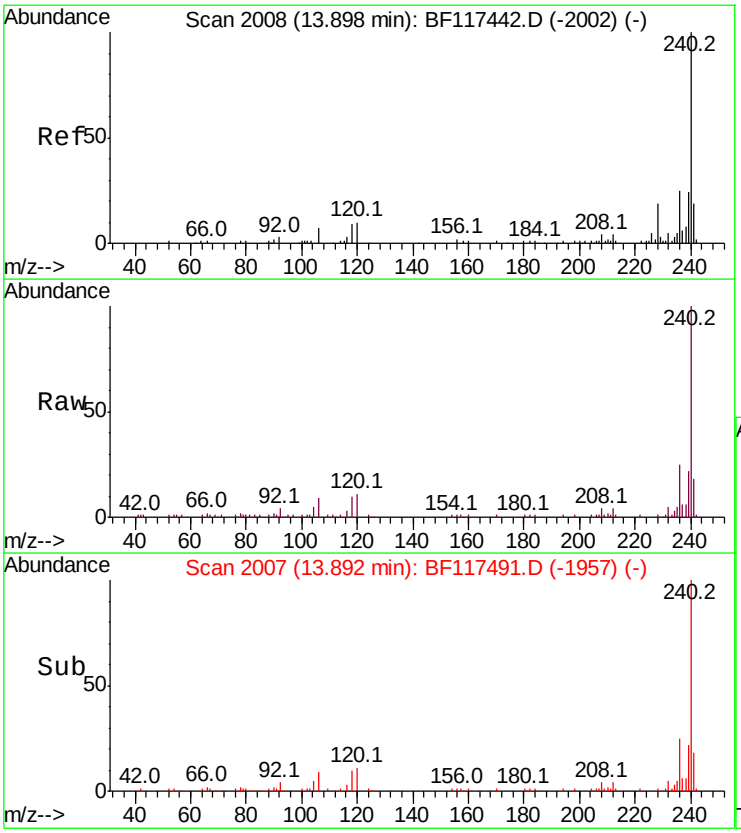
#67
4-Bromophenyl-phenylether
Concen: 2.508 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 3863

Ion	Ratio	Lower	Upper
248	100		
250	214.8	78.0	117.0#
141	606.7	81.7	122.5#

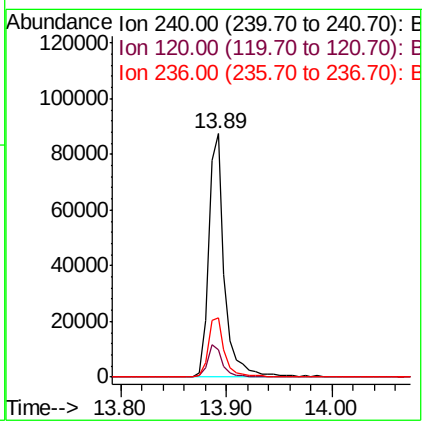


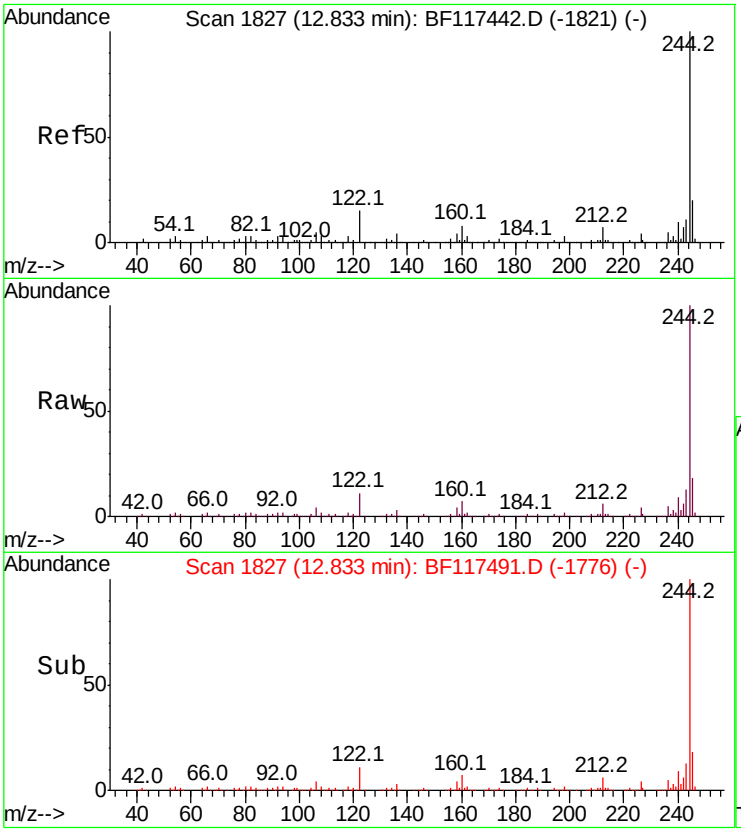


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Tgt Ion:240 Resp: 91705

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.4	12.6
236	24.6	20.0	30.0



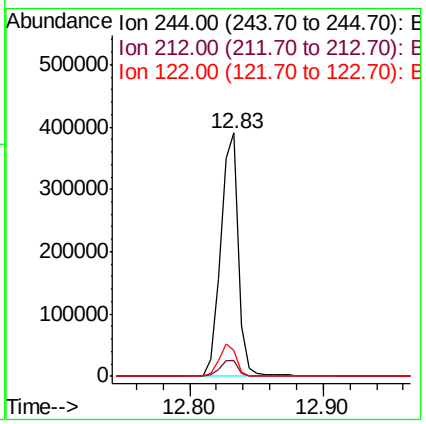


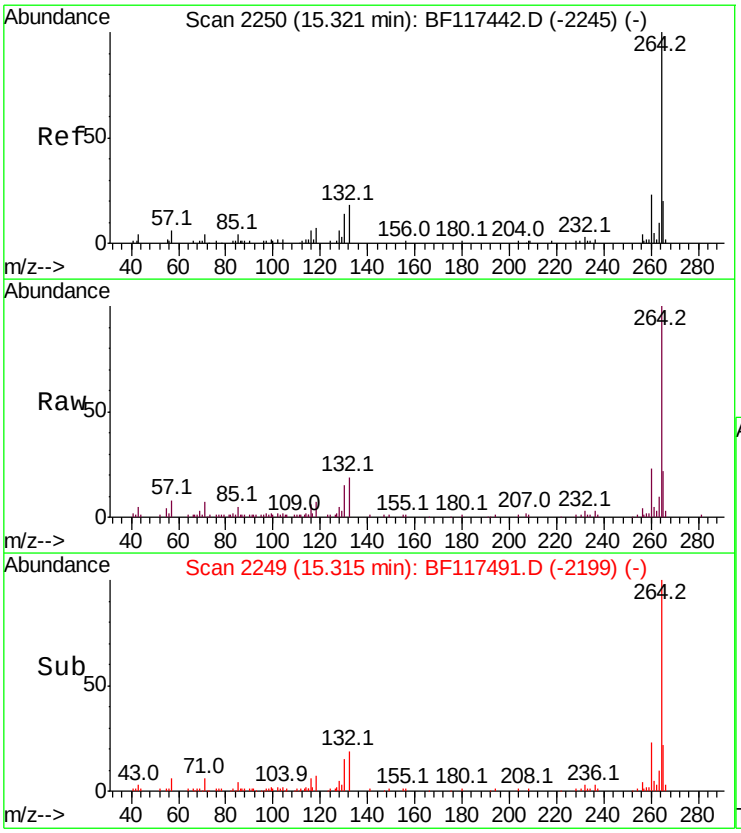
#79
Terphenyl-d14
Concen: 65.509 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 368309

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	10.8	11.8	17.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF117491.D
Acq: 23 Oct 2019 18:58

Tgt Ion:264 Resp: 90597

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	22.1	16.1	24.1