Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117471.D
Acq On : 22 Oct 2019 2:02
Operator : JU
Sample : K5447-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 22 03:18:50 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	42773	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	169708	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	84905	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	125286	20.00	ng	0.00
76) Chrysene-d12	13.89	240	80477	20.00	ng	0.00
87) Perylene-d12	15.32	264	81508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	305357	106.21	ng	0.01
7) Phenol-d6	6.38	99	405251	104.94	ng	0.00
23) Nitrobenzene-d5	7.30	82	252005	73.31	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	78250	106.51	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	453257	75.22	ng	0.00
79) Terphenyl-d14	12.83	244	353633	71.67	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	509	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.30	70	34012	14.422	ng	# 76
25) Isophorone	7.30	82	252001	42.376	ng	# 65
50) Dimethylphthalate	9.48	163	19679	3.251	ng	# 95
51) 2,6-Dinitrotoluene	9.76	165	10406	8.239	ng	# 22
57) 2,4-Dinitrotoluene	9.76	165	10406	6.197	ng	# 12
67) 4-Bromophenyl-phenylether	10.56	248	4999	3.704	ng	# 1
77) Benzidine	12.83	184	5037	Below Cal	#	91

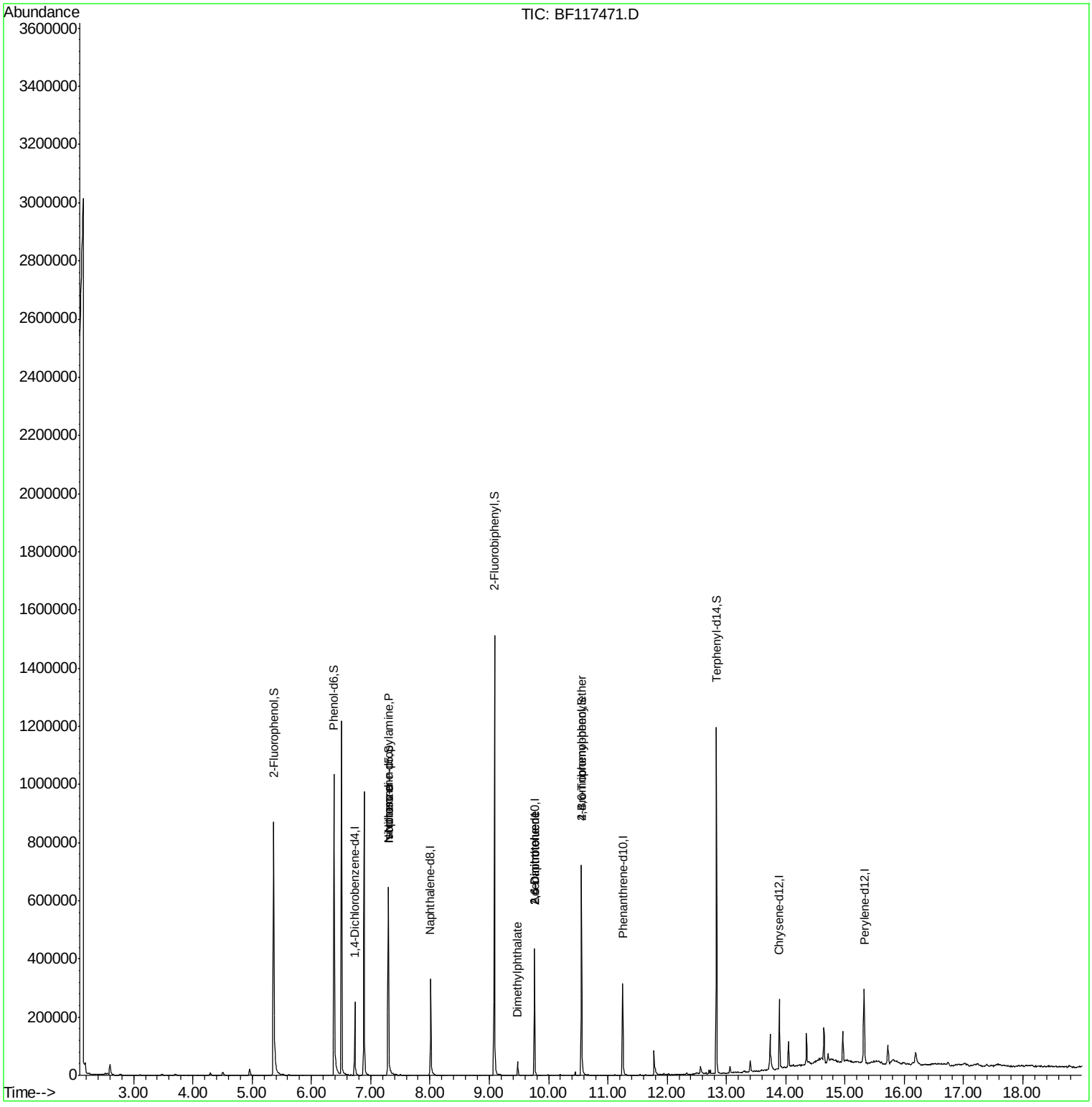
(#) = qualifier out of range (m) = manual integration (+) = signals summed

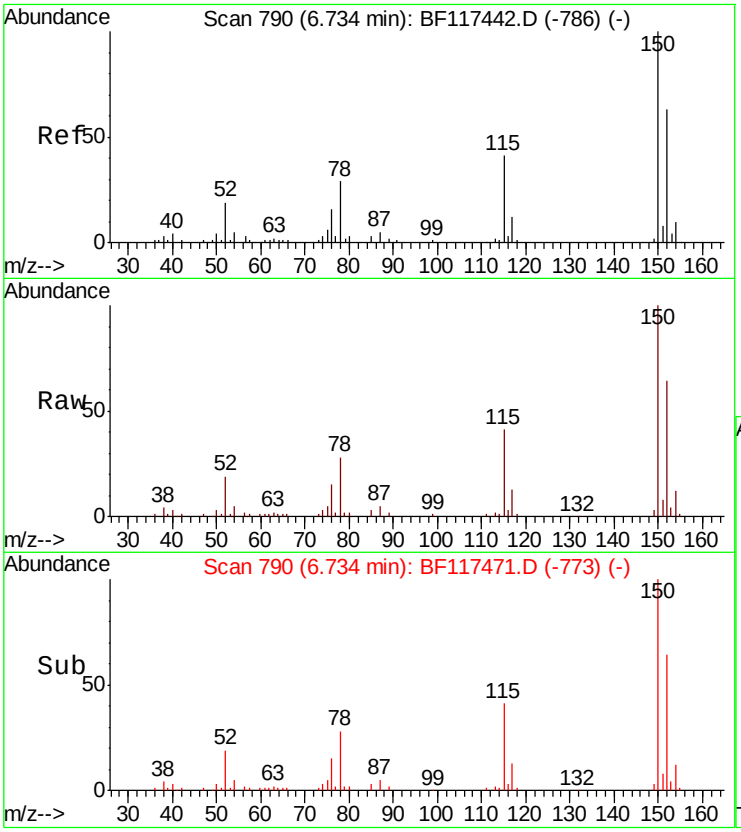
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117471.D
Acq On : 22 Oct 2019 2:02
Operator : JU
Sample : K5447-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 22 03:18:50 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



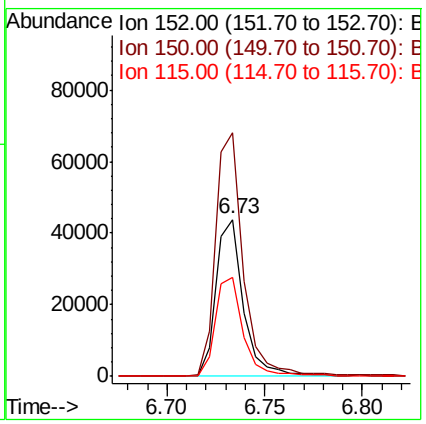


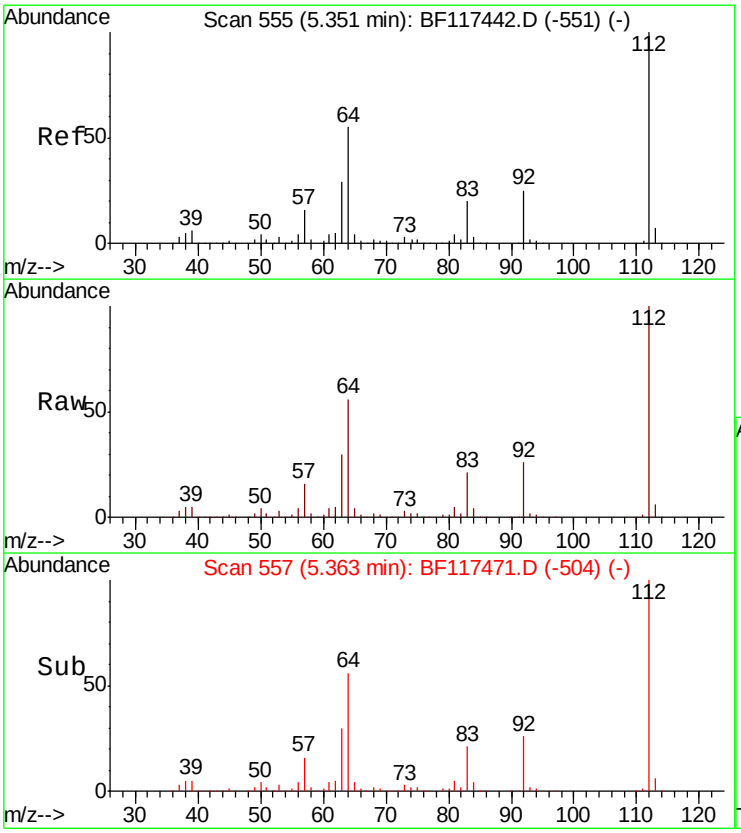
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 42773

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.8	190.2
115	63.1	51.6	77.4

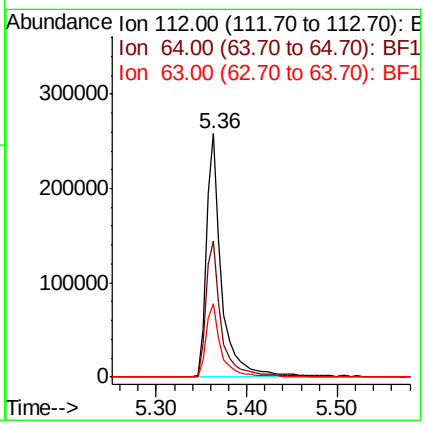


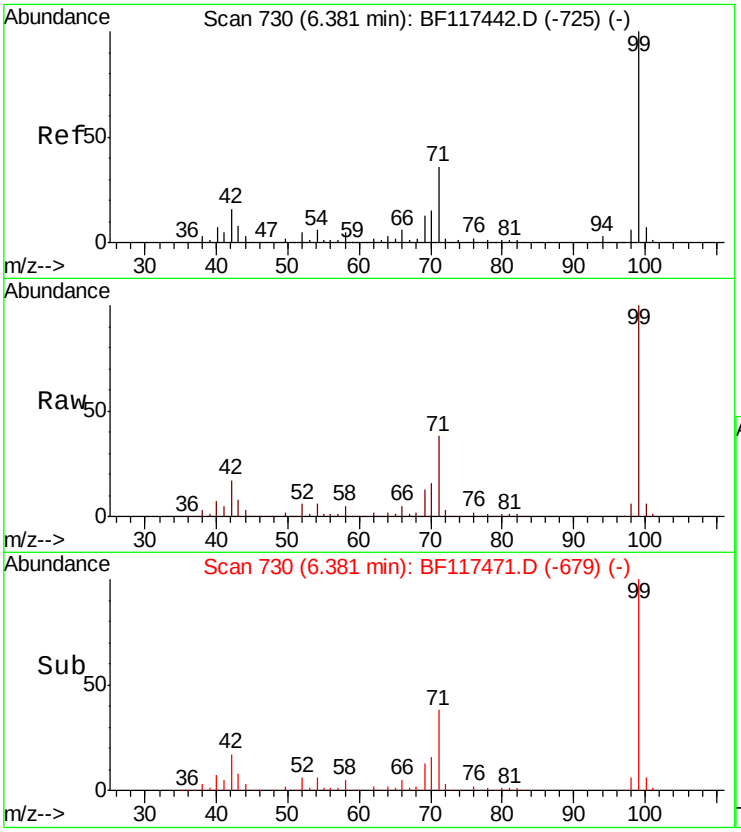


#5
2-Fluorophenol
Concen: 106.207 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Tgt Ion:112 Resp: 305357

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.1	66.1
63	30.2	23.4	35.2



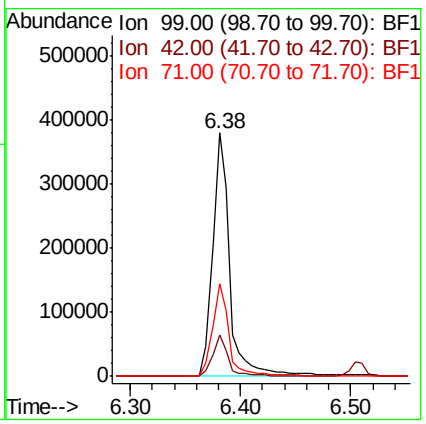


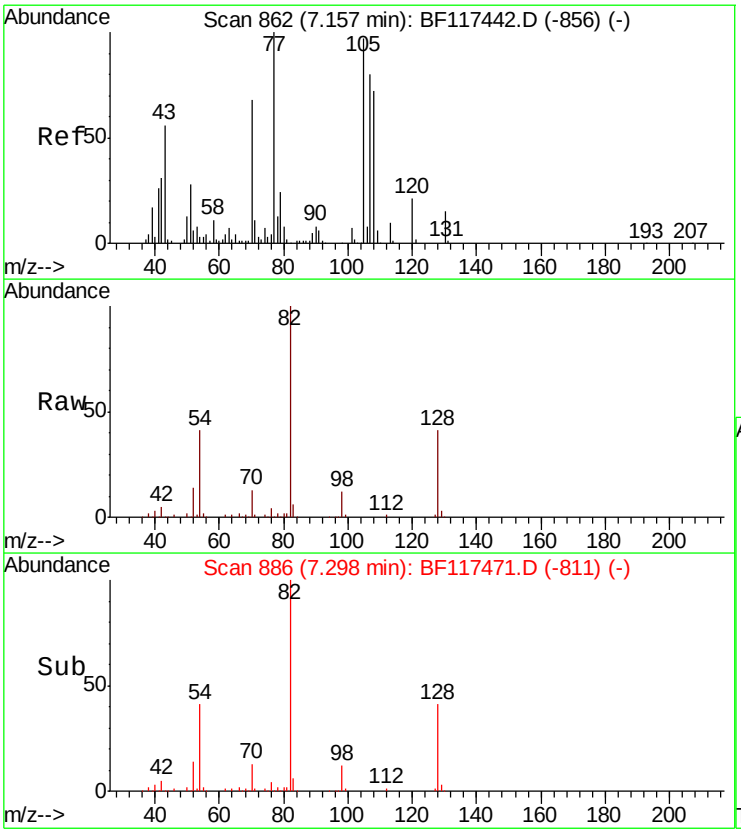
#7
Phenol-d6
Concen: 104.944 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 405251

Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.8	19.2
71	38.2	28.6	43.0

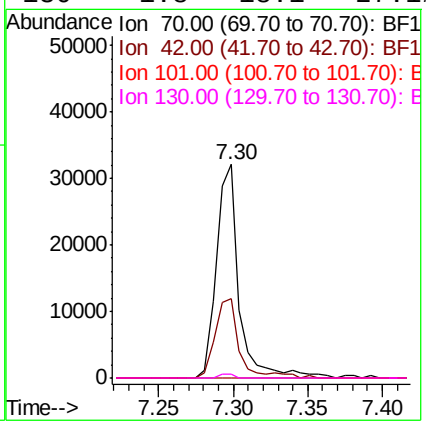


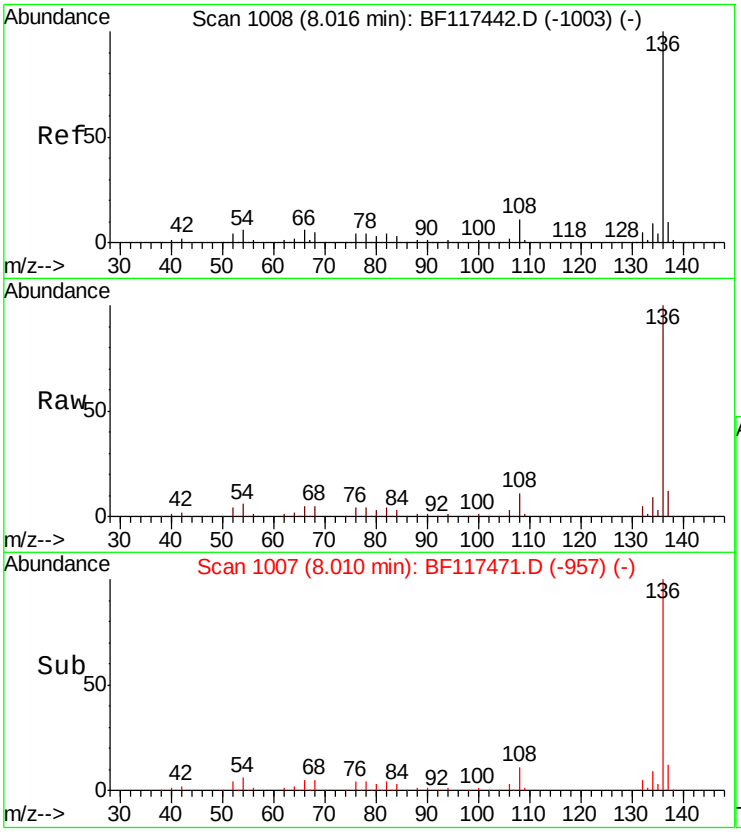


#19
n-Nitroso-di-n-propylamine
Concen: 14.422 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Tgt Ion: 70 Resp: 34012

Ion	Ratio	Lower	Upper
70	100		
42	37.1	36.7	55.1
101	0.0	8.3	12.5#
130	1.8	18.1	27.1#



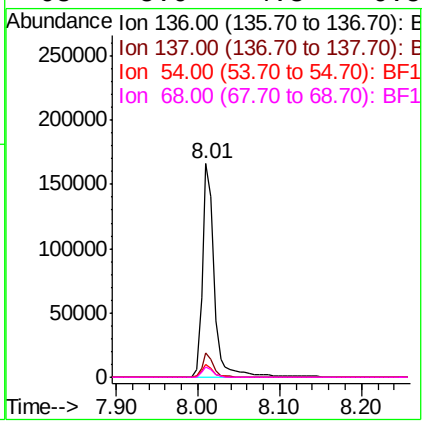


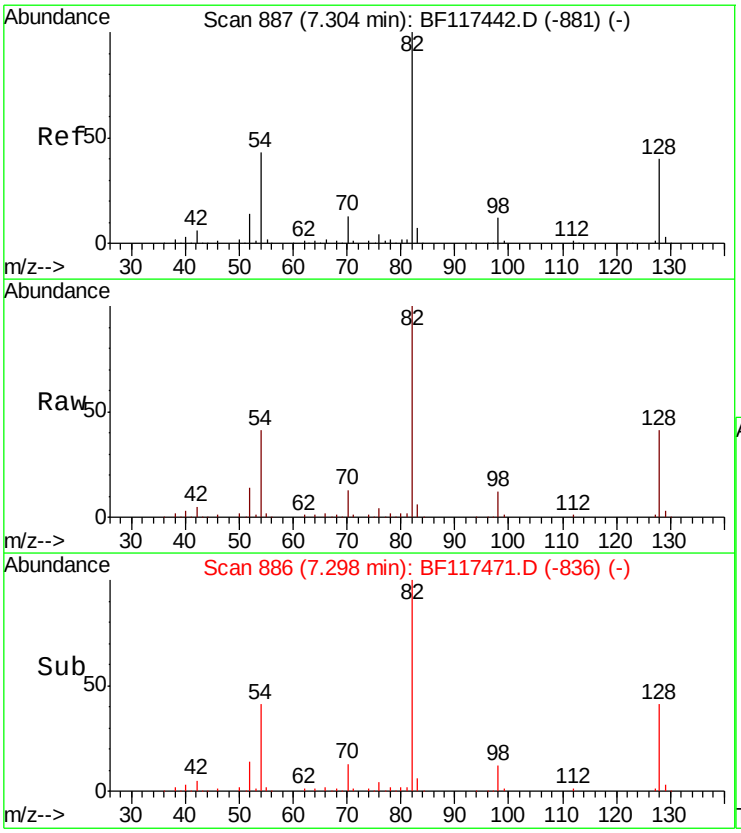
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 169708

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.4
54	6.1	4.5	6.7
68	5.0	4.3	6.5

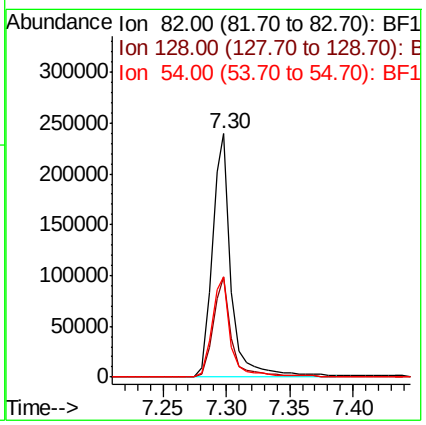


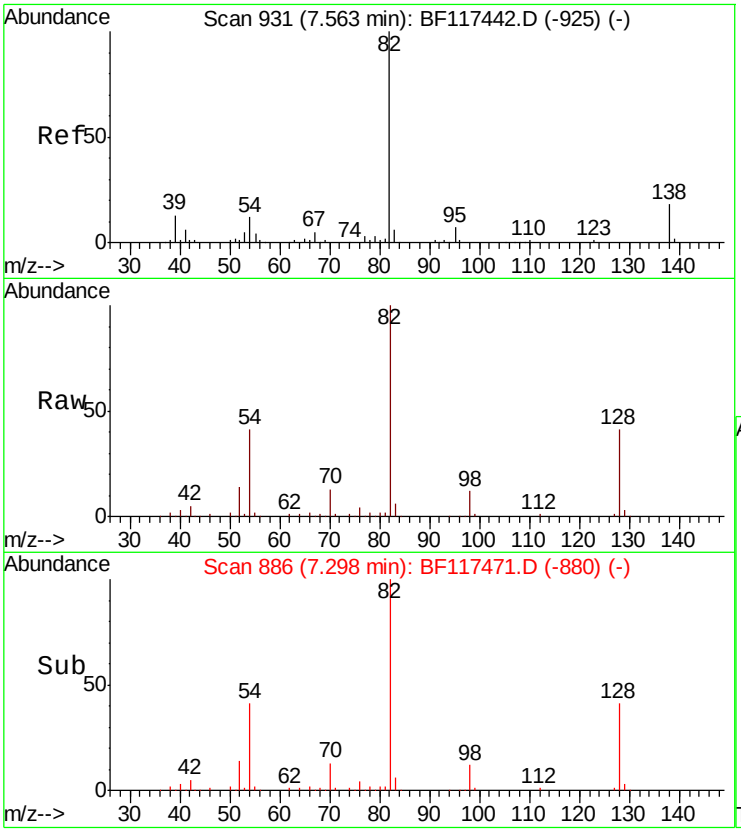


#23
Nitrobenzene-d5
Concen: 73.308 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Tgt Ion: 82 Resp: 252005

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.2	48.2
54	40.9	34.2	51.2



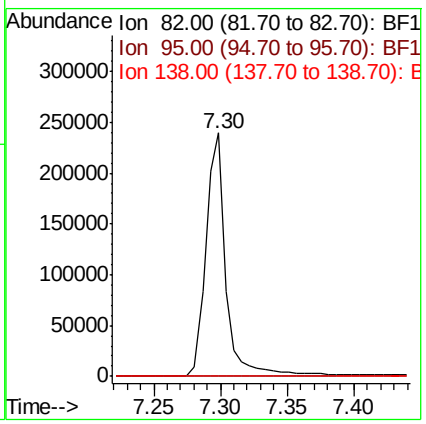


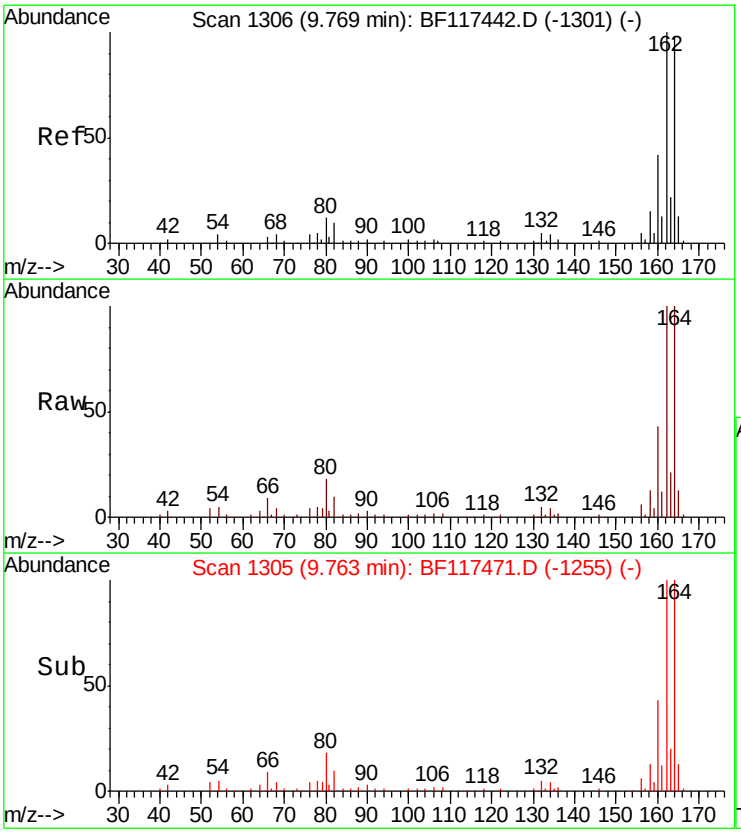
#25
Isophorone
Concen: 42.376 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 252001

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

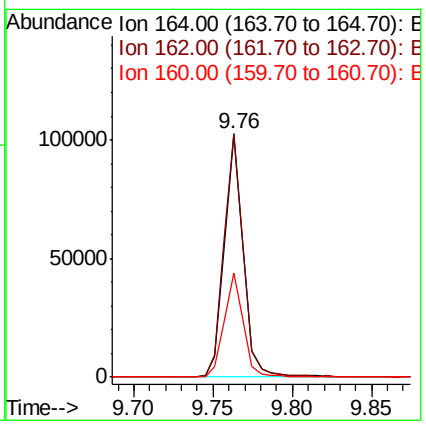


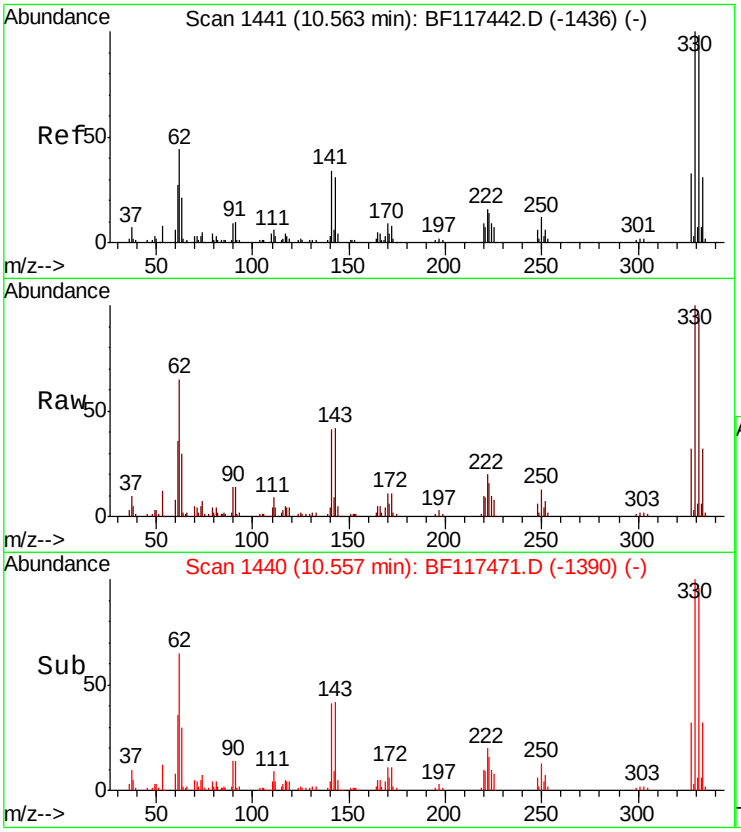


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Tgt Ion:164 Resp: 84905

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.8	122.6
160	43.2	34.4	51.6



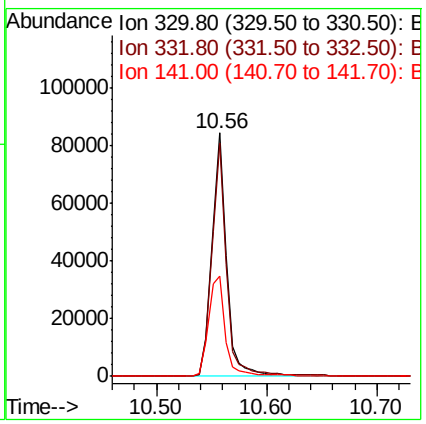


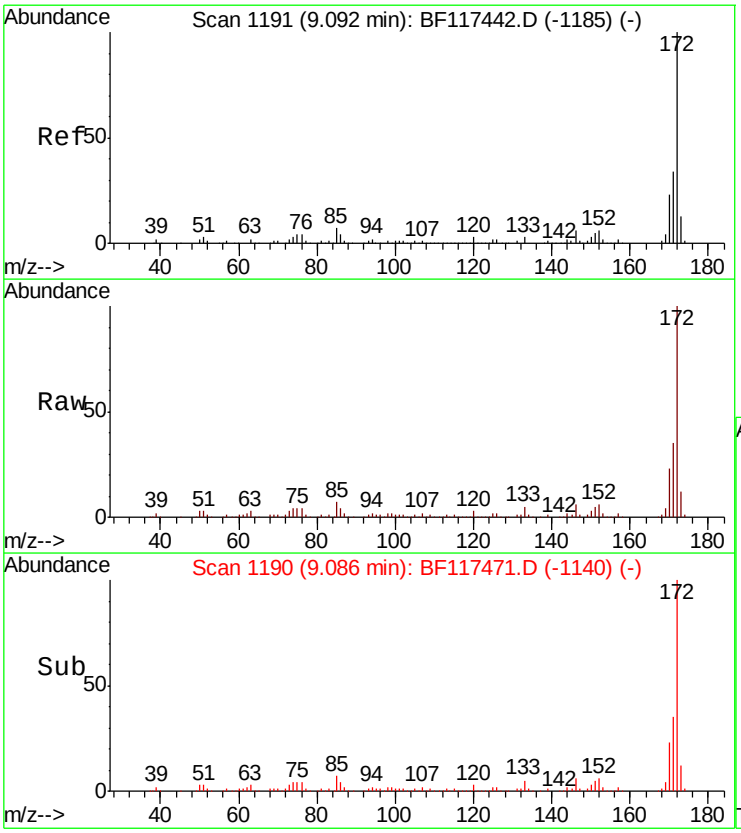
#42
2,4,6-Tribromophenol
Concen: 106.514 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 78250

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.5	117.7
141	46.0	37.0	55.6

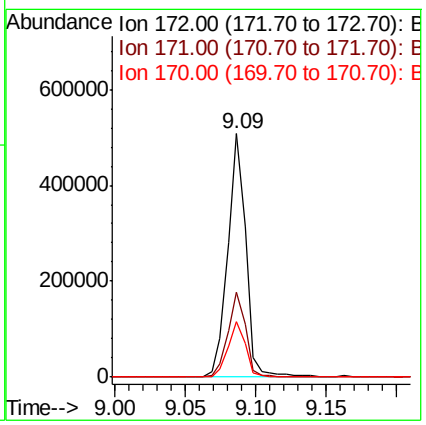


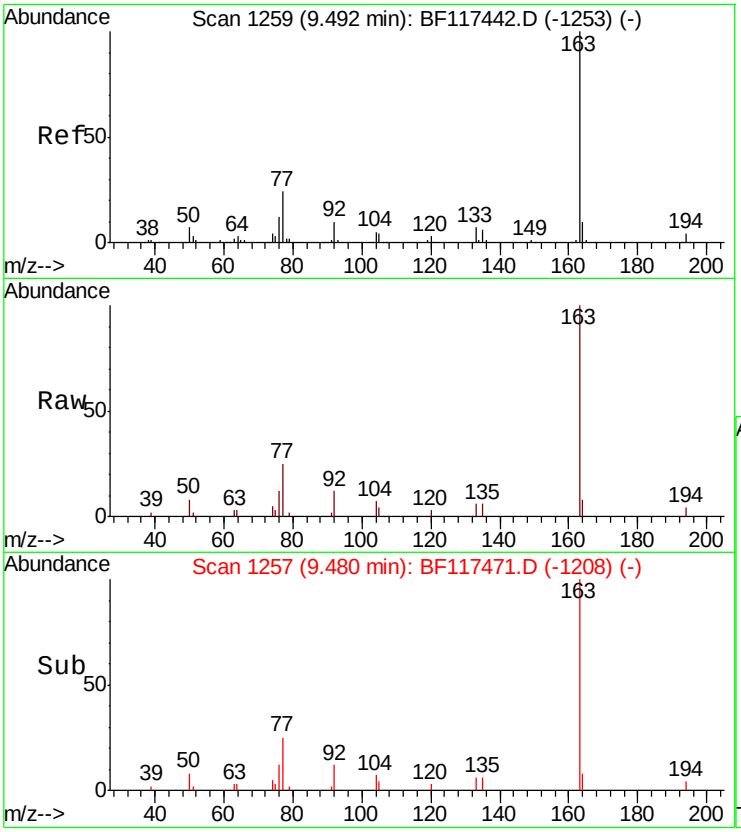


#45
2-Fluorobiphenyl
Concen: 75.217 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Tgt Ion:172 Resp: 453257

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.5	41.3
170	23.0	18.6	27.8



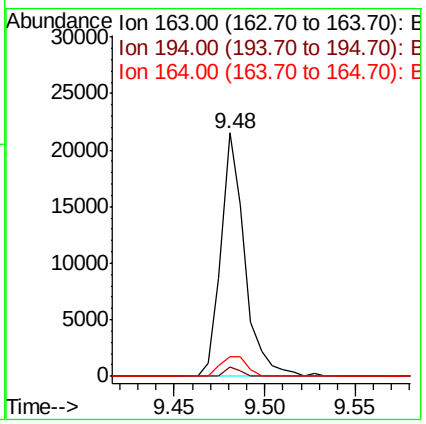


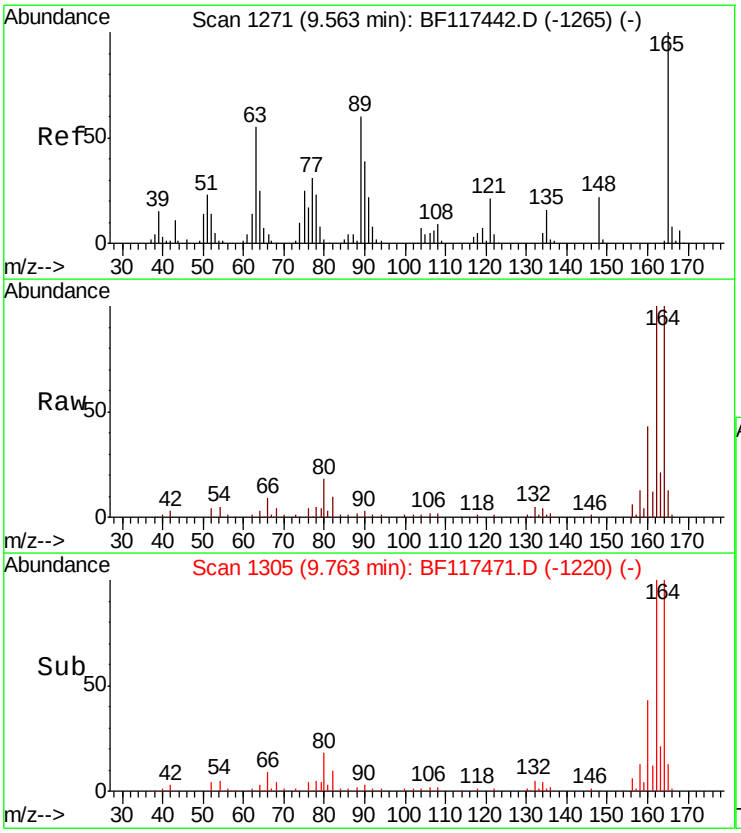
#50
Dimethylphthalate
Concen: 3.251 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 19679

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	7.8	8.2	12.2#

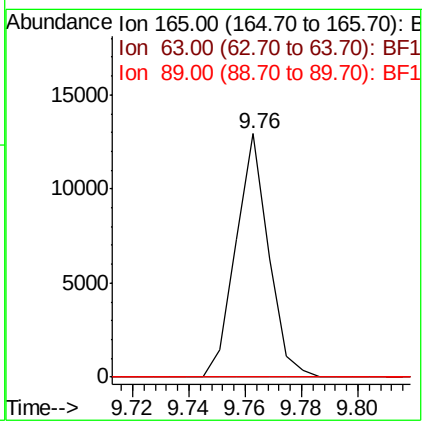


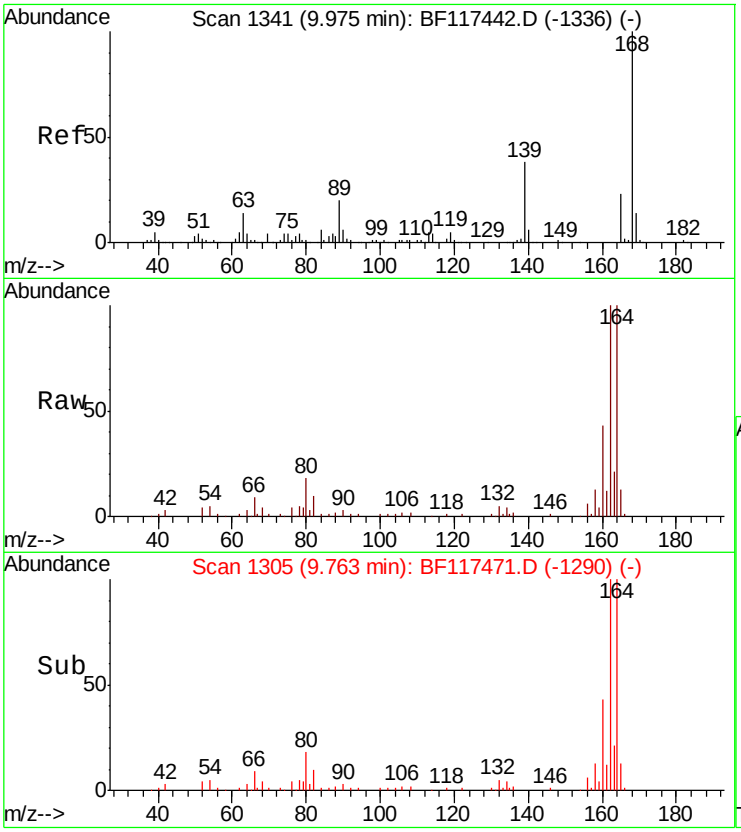


#51
2,6-Dinitrotoluene
Concen: 8.239 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Tgt Ion:165 Resp: 10406

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



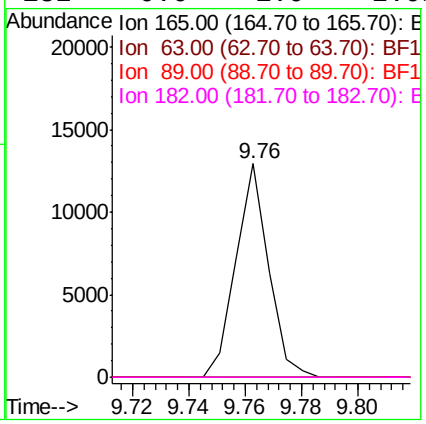


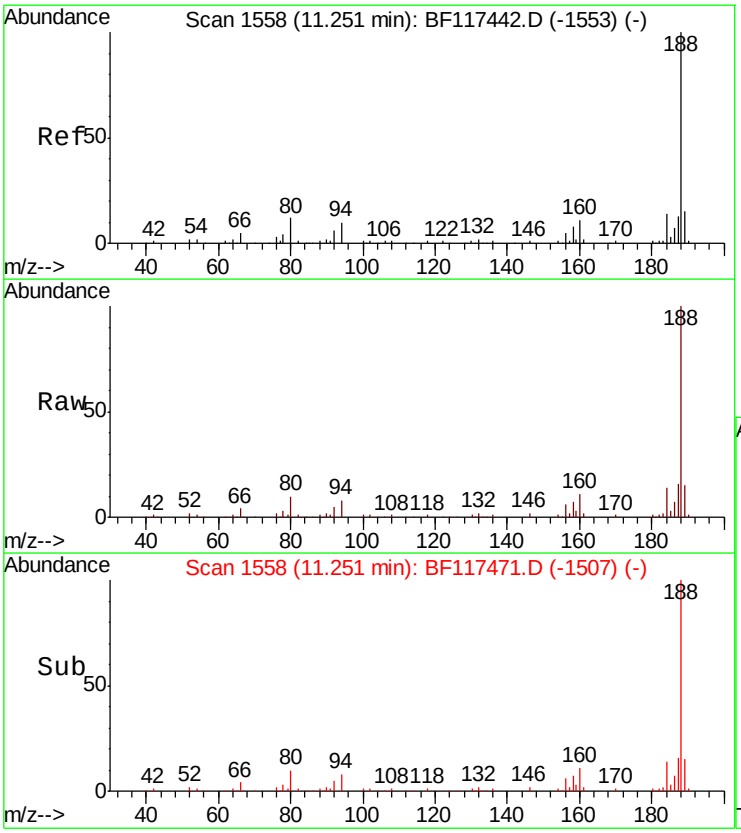
#57
2,4-Dinitrotoluene
Concen: 6.197 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10406

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#

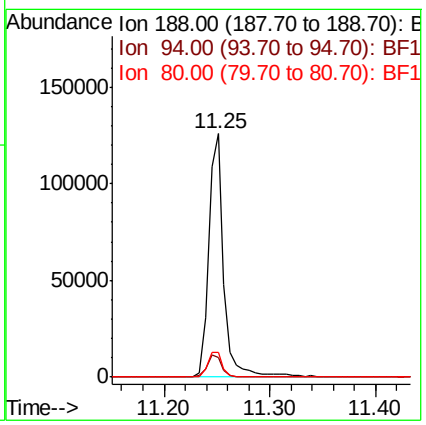


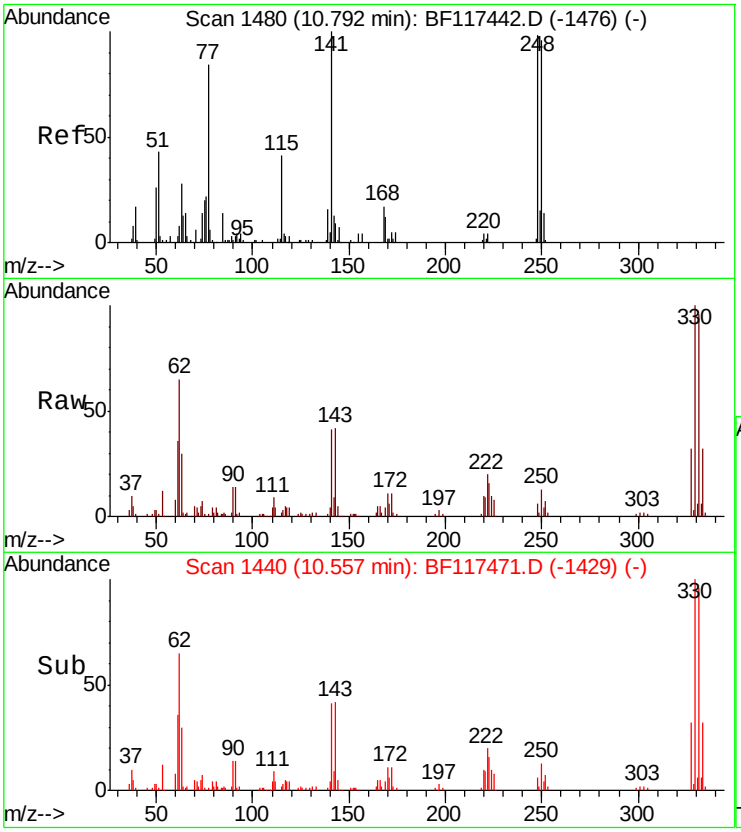


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Tgt Ion:188 Resp: 125286

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.0	12.0
80	10.0	9.5	14.3



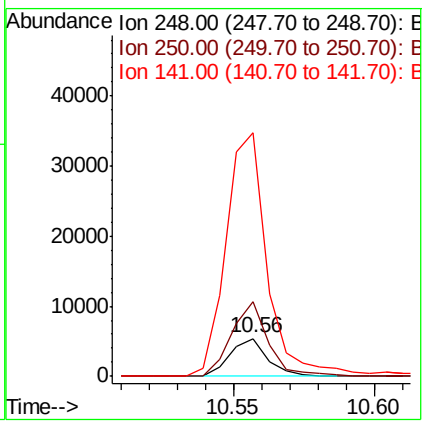


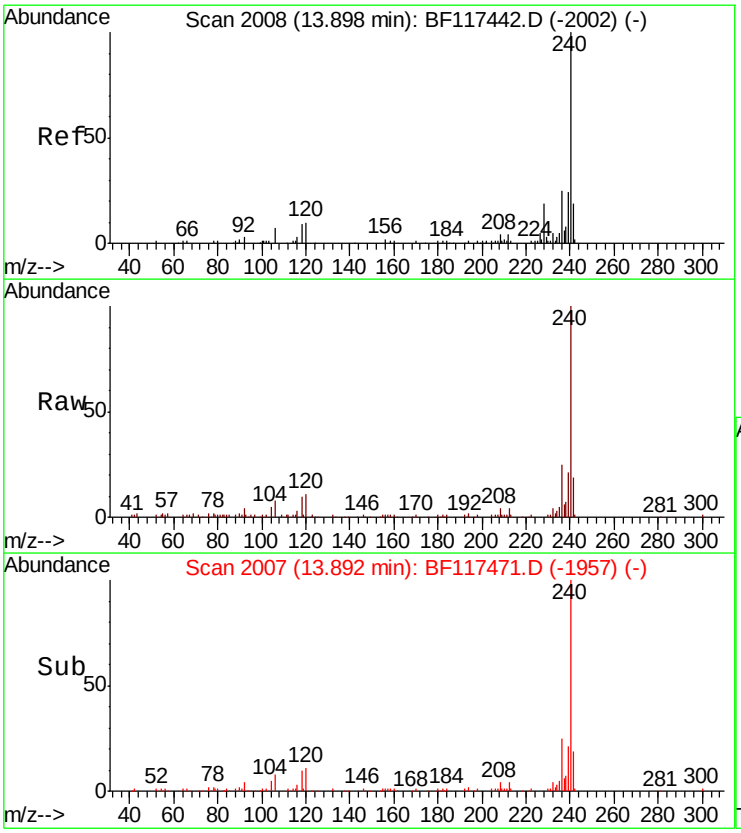
#67
4-Bromophenyl-phenylether
Concen: 3.704 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 4999

Ion	Ratio	Lower	Upper
248	100		
250	196.2	78.0	117.0#
141	643.4	81.7	122.5#

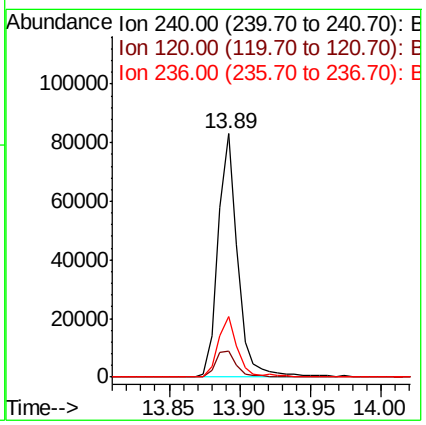


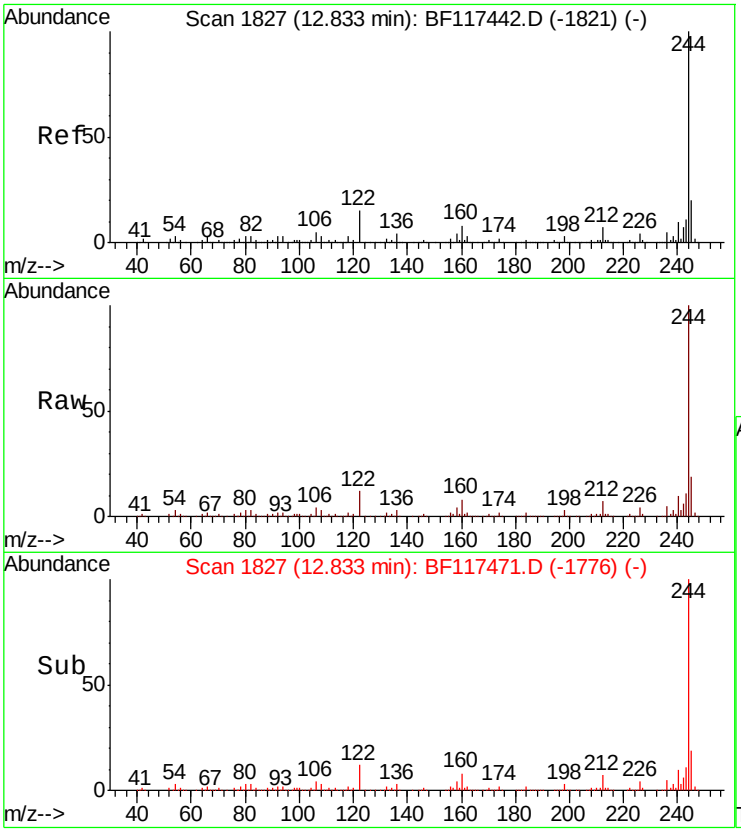


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Tgt Ion:240 Resp: 80477

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	24.9	20.0	30.0



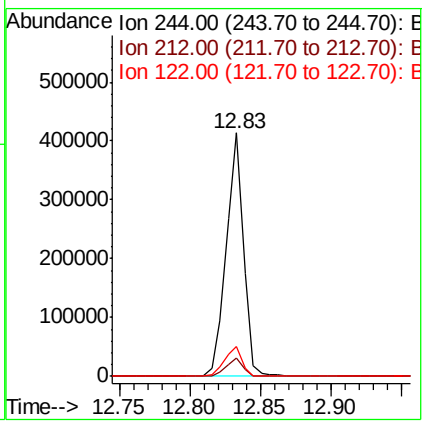


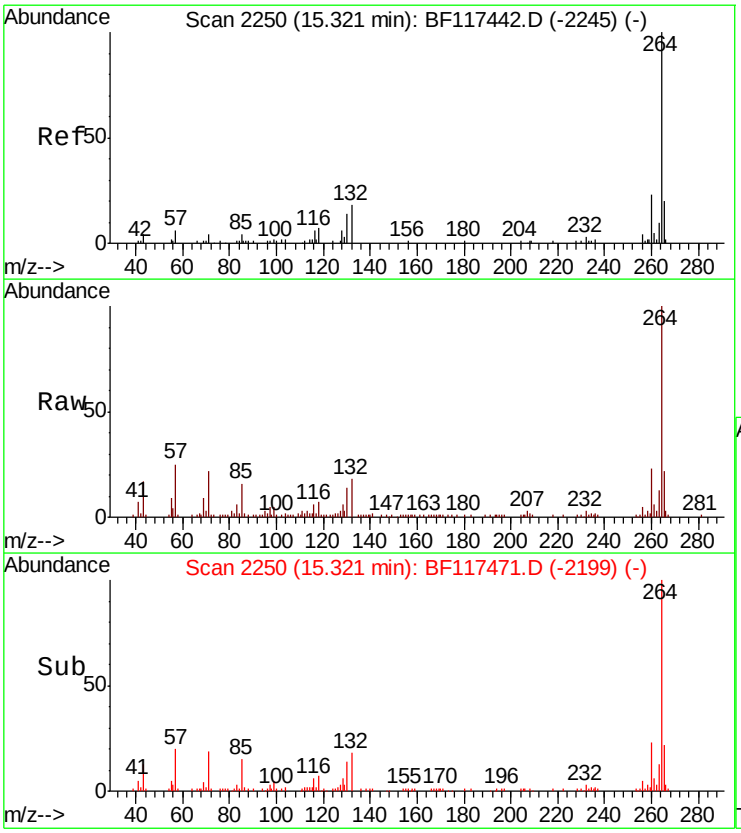
#79
Terphenyl-d14
Concen: 71.675 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 353633

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	12.4	11.8	17.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117471.D
Acq: 22 Oct 2019 2:02

Tgt Ion:264 Resp: 81508

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	22.0	16.1	24.1