Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117666.D
Acq On : 31 Oct 2019 18:52
Operator : JU
Sample : K5583-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 01 01:22:36 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	43762	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	172015	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	81977	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	111477	20.00	ng		0.00
76) Chrysene-d12	13.90	240	72276	20.00	ng		0.00
87) Perylene-d12	15.34	264	68906	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	140288	47.69	ng		0.01
7) Phenol-d6	6.39	99	139297	35.26	ng		0.01
23) Nitrobenzene-d5	7.30	82	257342	73.86	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	42293	59.63	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	420182	72.22	ng		-0.01
79) Terphenyl-d14	12.83	244	292723	66.06	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	5283	Below Cal		#	74
10) Phenol	6.41	94	13811	3.425	ng		90
19) n-Nitroso-di-n-propylamine	7.30	70	33391	13.839	ng	#	77
25) Isophorone	7.30	82	257341	42.693	ng	#	65
50) Dimethylphthalate	9.48	163	45608	7.804	ng		98
51) 2,6-Dinitrotoluene	9.76	165	10253	8.407	ng	#	24
57) 2,4-Dinitrotoluene	9.76	165	10253	6.324	ng	#	14
67) 4-Bromophenyl-phenylether	10.56	248	2749	2.289	ng	#	1
74) Di-n-butylphthalate	11.80	149	38530	4.751	ng		99
77) Benzidine	12.83	184	4159	Below Cal		#	90

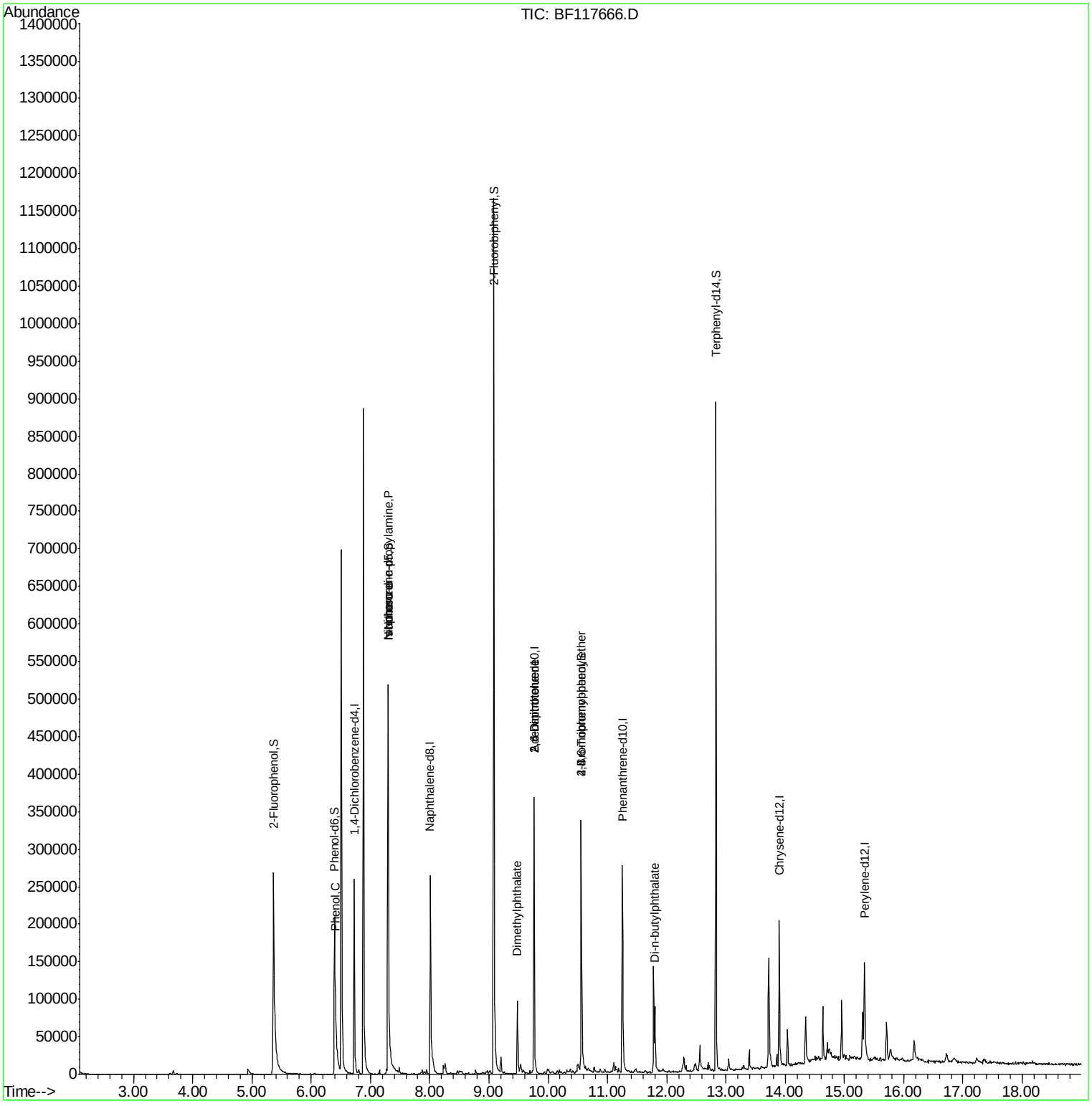
(#) = qualifier out of range (m) = manual integration (+) = signals summed

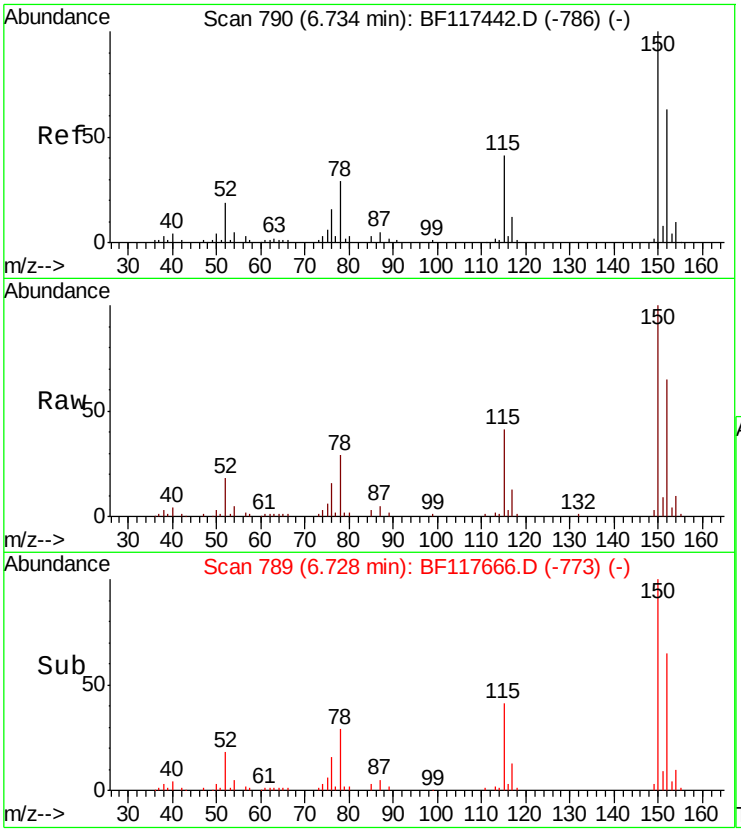
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117666.D
Acq On : 31 Oct 2019 18:52
Operator : JU
Sample : K5583-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 01:22:36 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



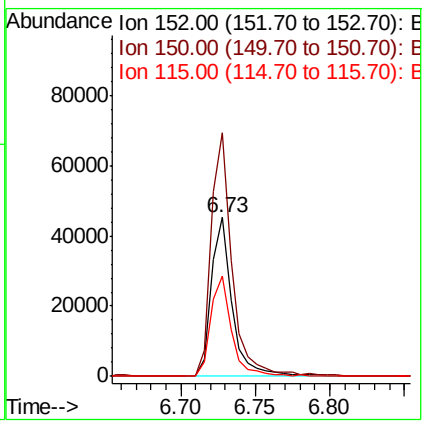


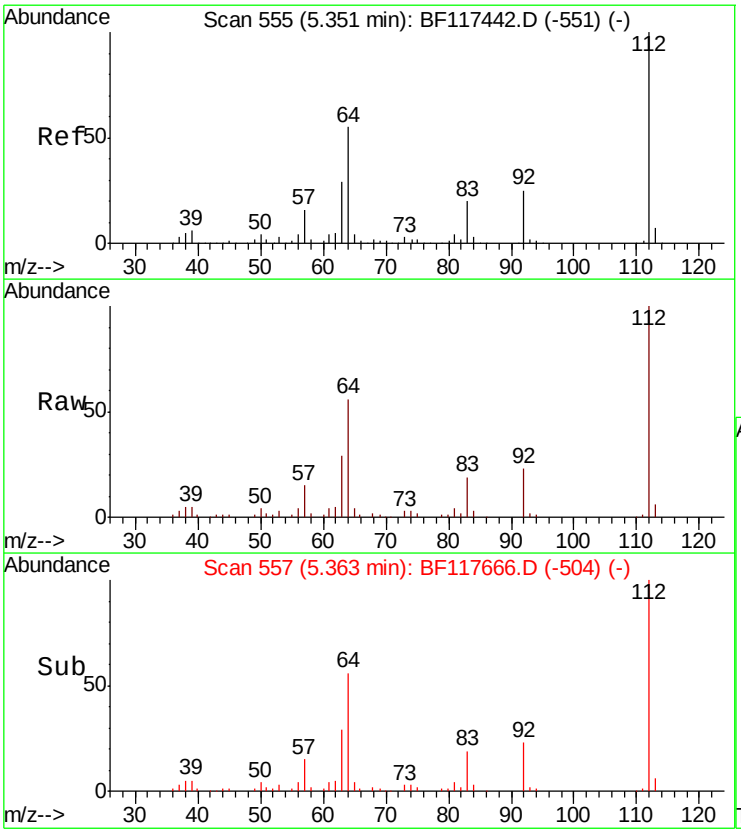
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 43762

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.8	190.2
115	63.3	51.6	77.4

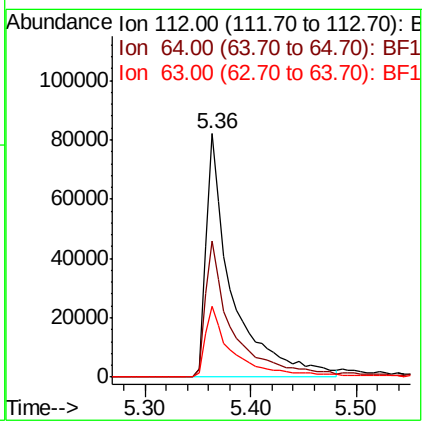


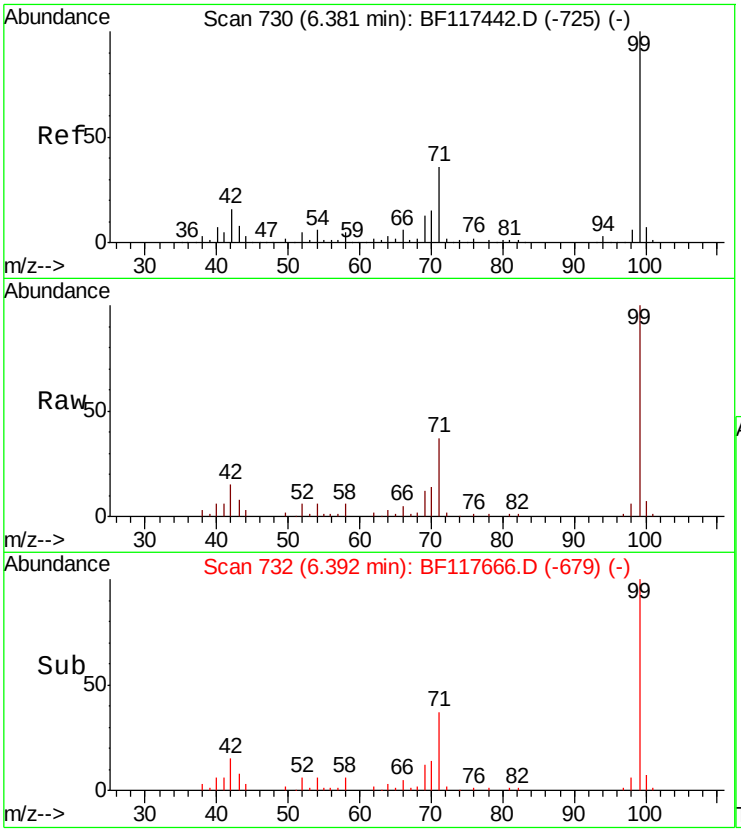


#5
2-Fluorophenol
Concen: 47.691 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Tgt Ion:112 Resp: 140288

Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.1	66.1
63	29.2	23.4	35.2



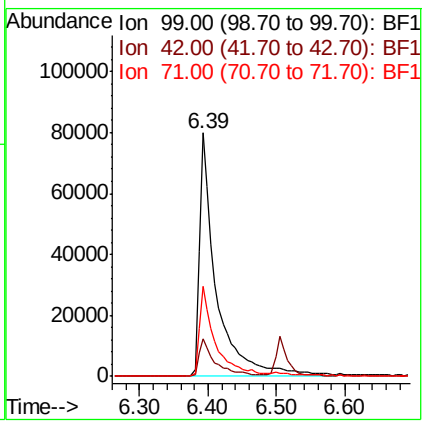


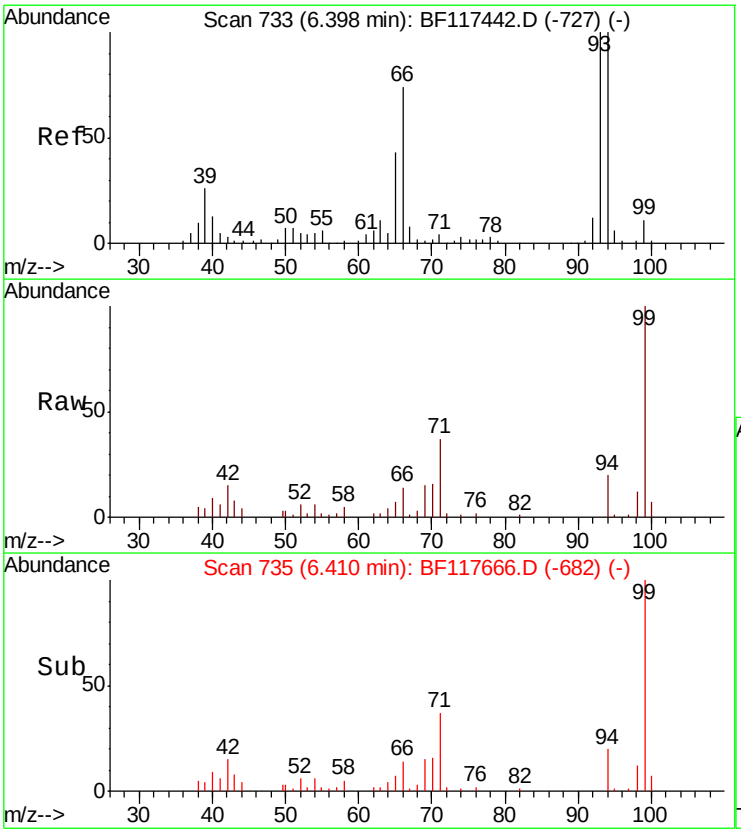
#7
Phenol-d6
Concen: 35.257 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 139297

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.8	19.2
71	37.2	28.6	43.0

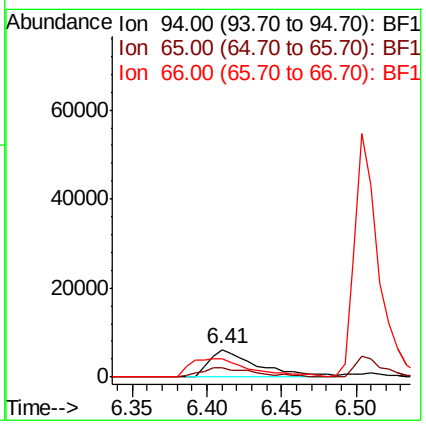


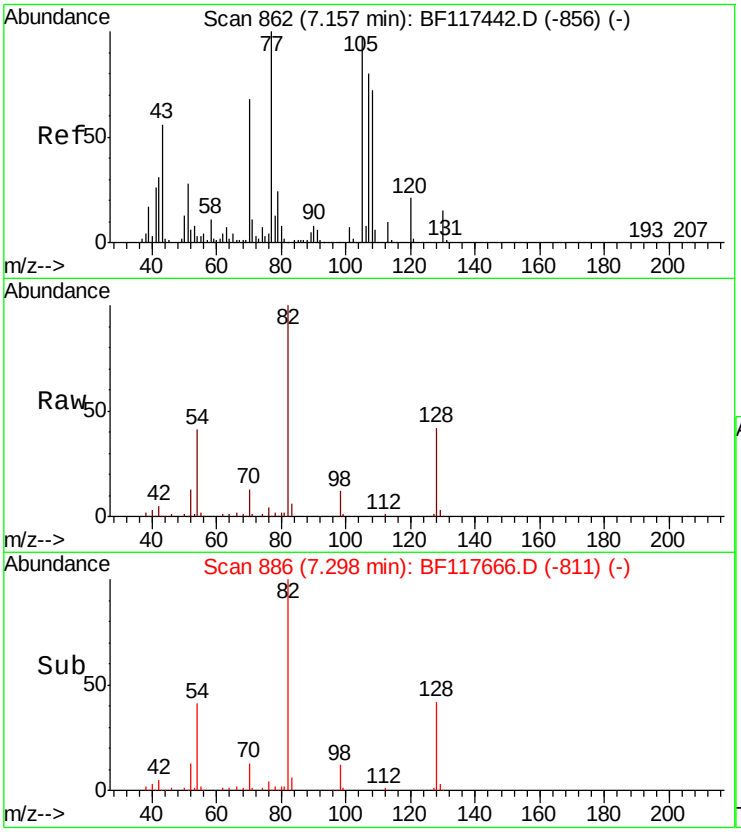


#10
Phenol
Concen: 3.425 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Tgt Ion: 94 Resp: 13811

Ion	Ratio	Lower	Upper
94	100		
65	34.2	23.4	63.4
66	69.0	54.7	94.7



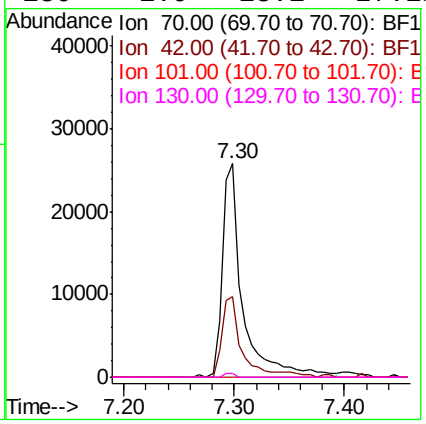


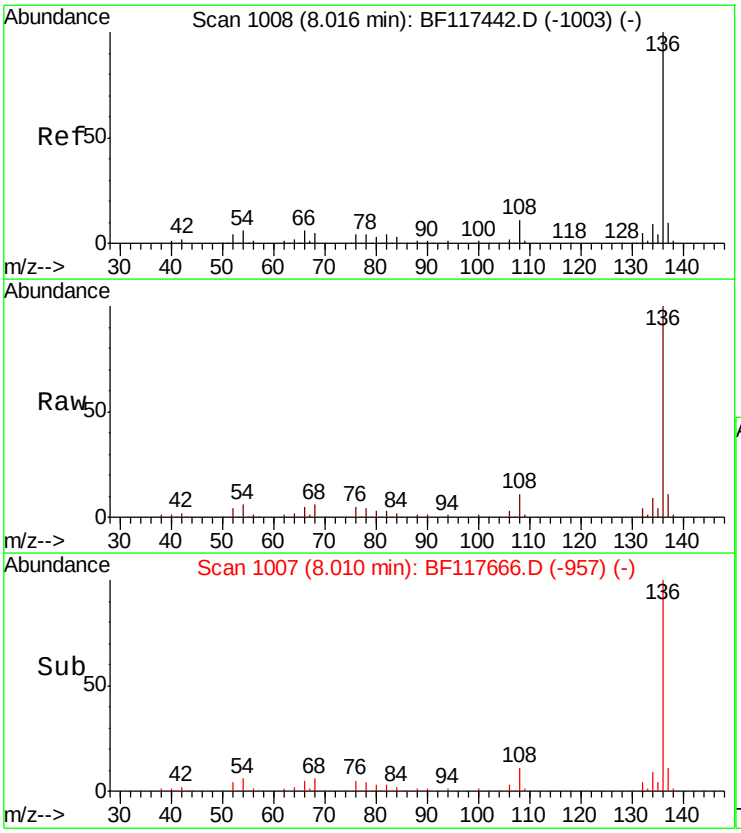
#19
n-Nitroso-di-n-propylamine
Concen: 13.839 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 33391

Ion	Ratio	Lower	Upper
70	100		
42	37.9	36.7	55.1
101	0.0	8.3	12.5#
130	1.9	18.1	27.1#

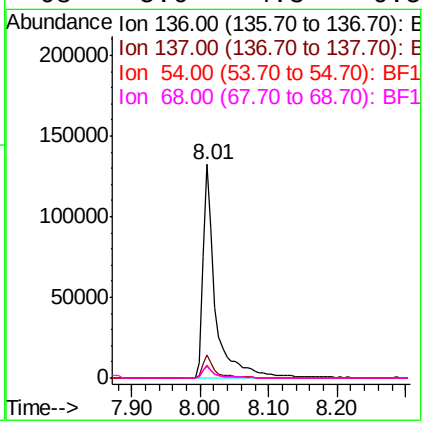


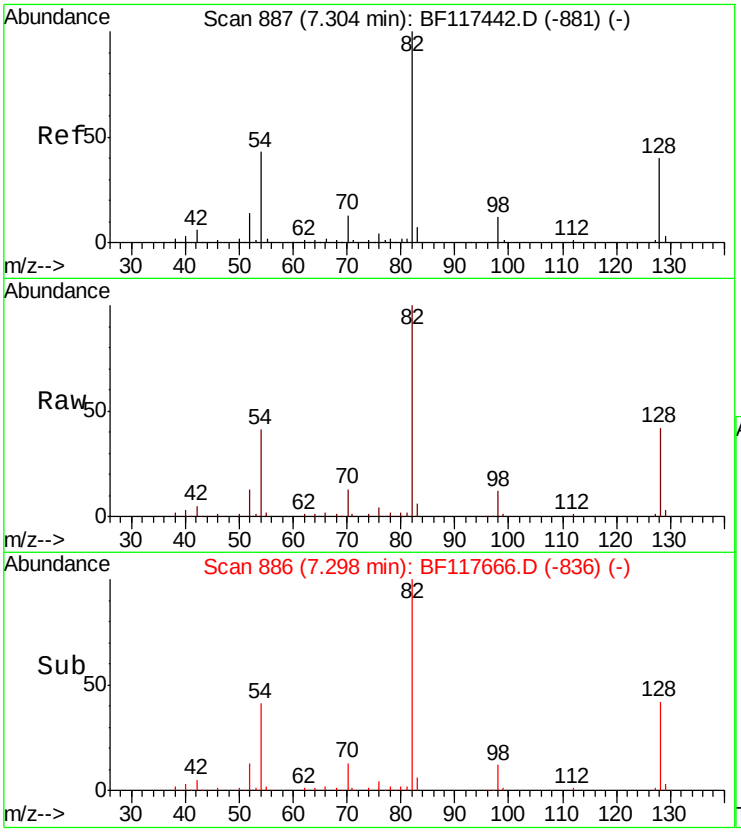


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Tgt Ion:136 Resp: 172015

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	6.2	4.5	6.7
68	5.6	4.3	6.5



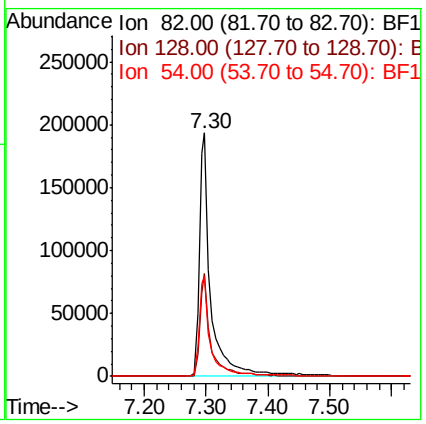


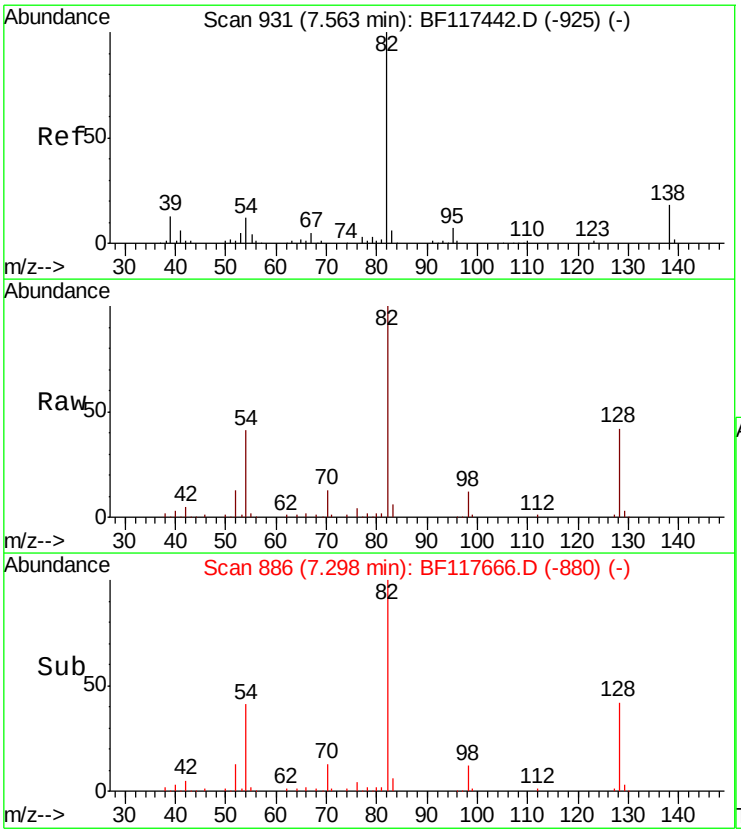
#23
Nitrobenzene-d5
Concen: 73.857 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 257342

Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.2	48.2
54	41.0	34.2	51.2

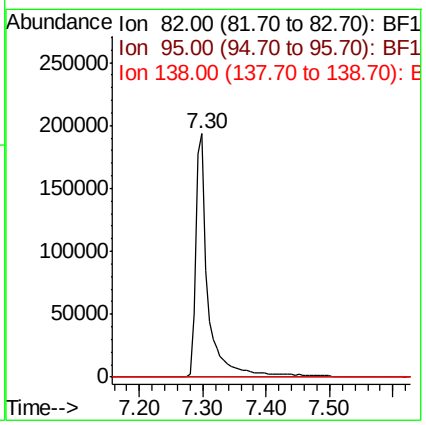


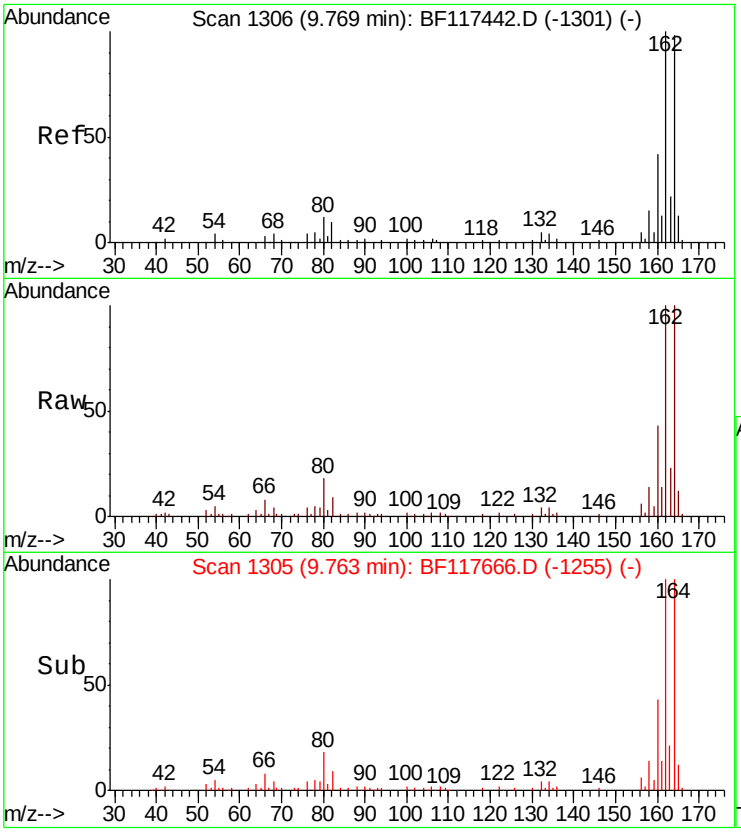


#25
Isophorone
Concen: 42.693 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Tgt Ion: 82 Resp: 257341

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



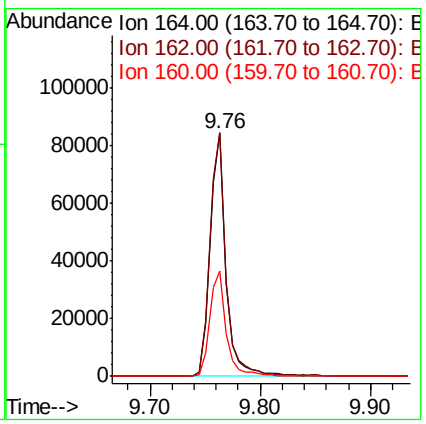


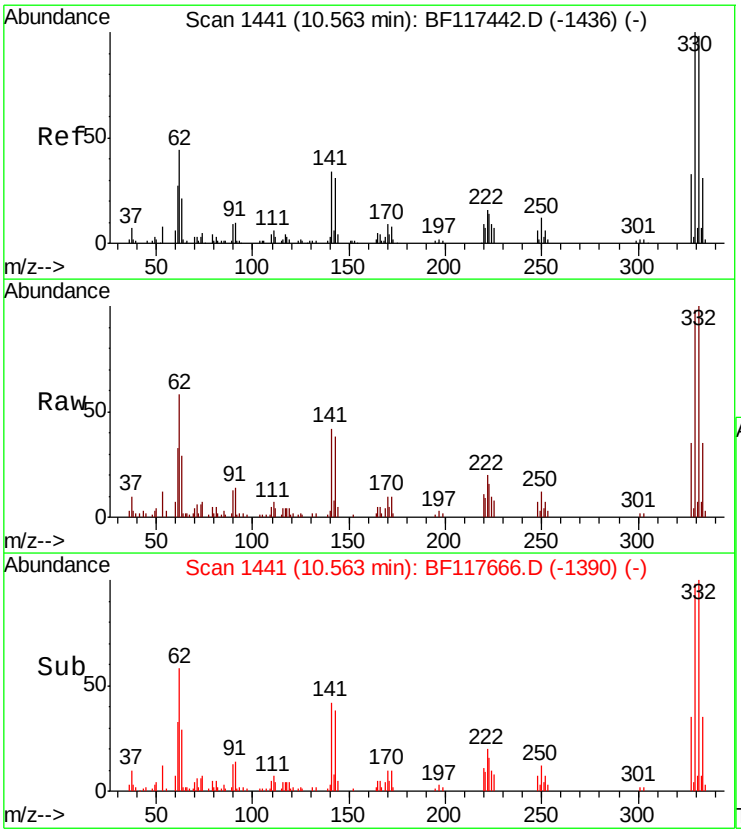
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 81977

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.8	122.6
160	43.3	34.4	51.6

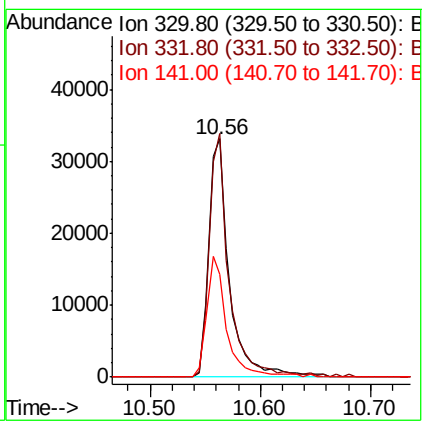


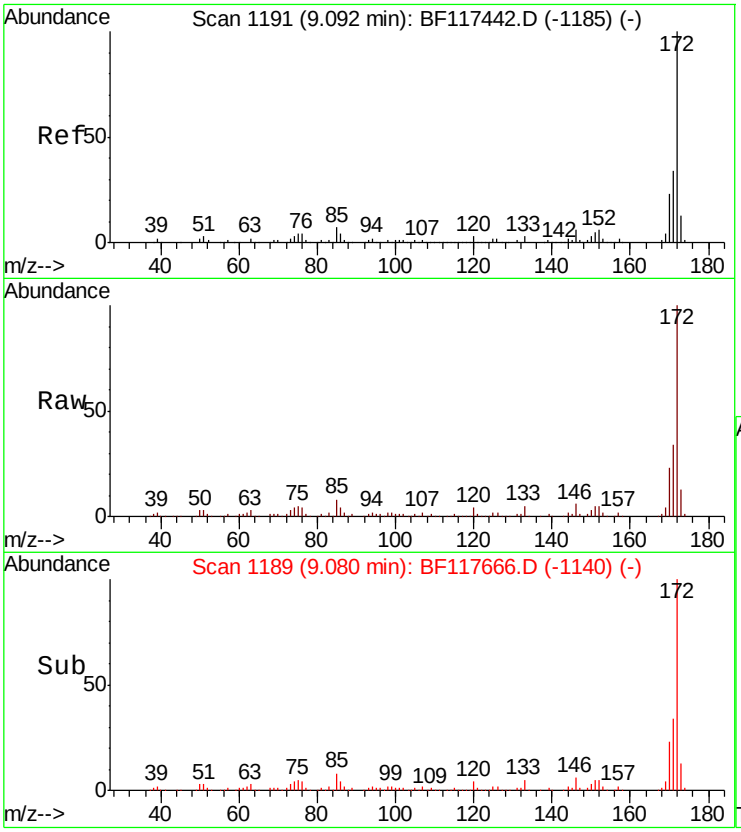


#42
2,4,6-Tribromophenol
Concen: 59.625 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Tgt Ion:330 Resp: 42293

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.5	117.7
141	48.9	37.0	55.6



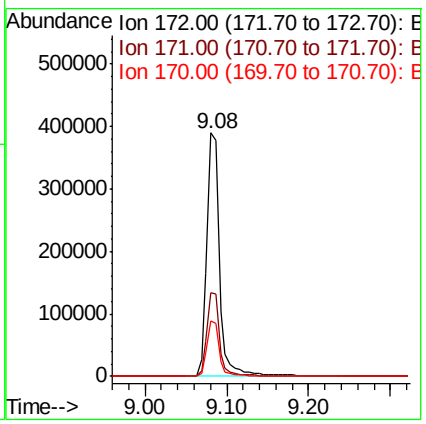


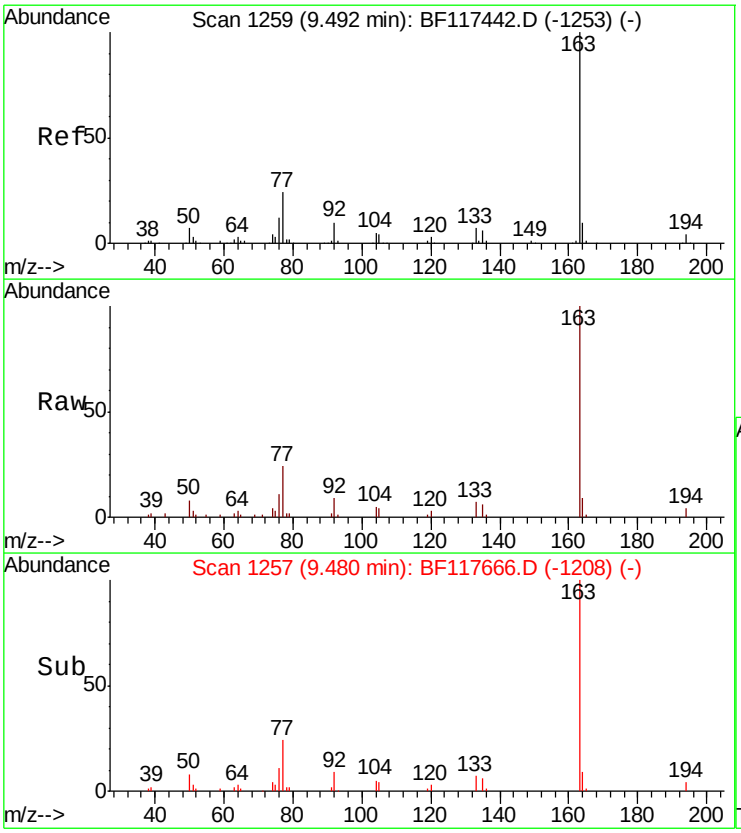
#45
2-Fluorobiphenyl
Concen: 72.219 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 420182

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.5	41.3
170	22.6	18.6	27.8

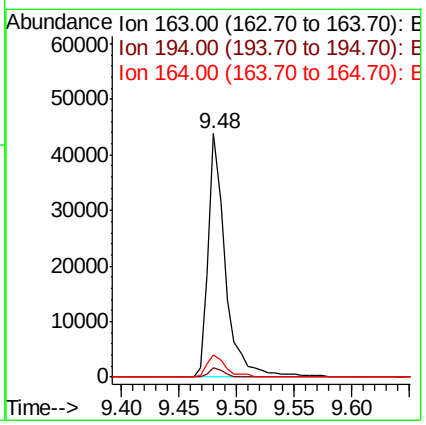


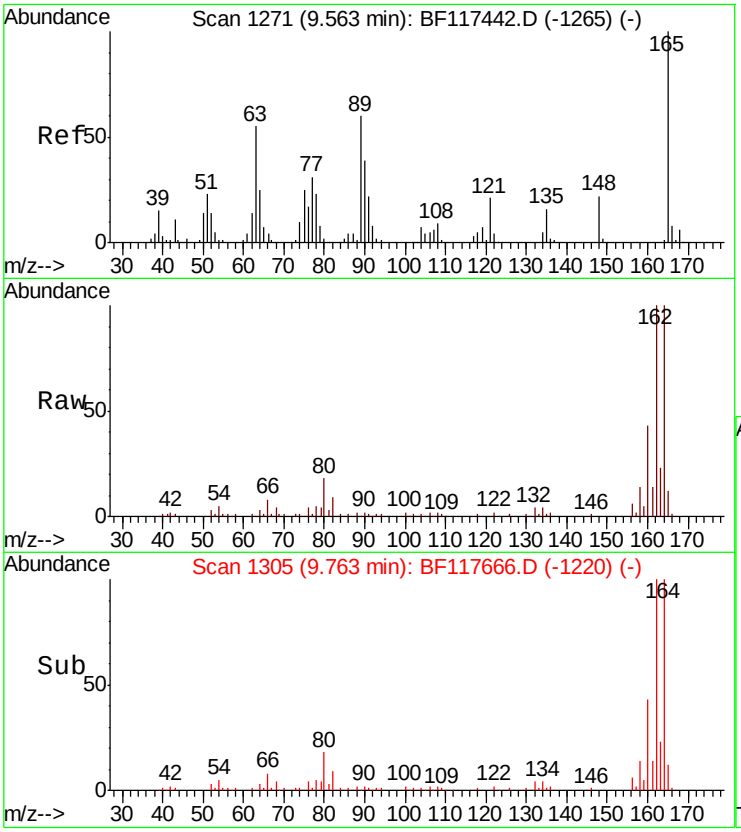


#50
Dimethylphthalate
Concen: 7.804 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Tgt Ion:163 Resp: 45608

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	9.3	8.2	12.2



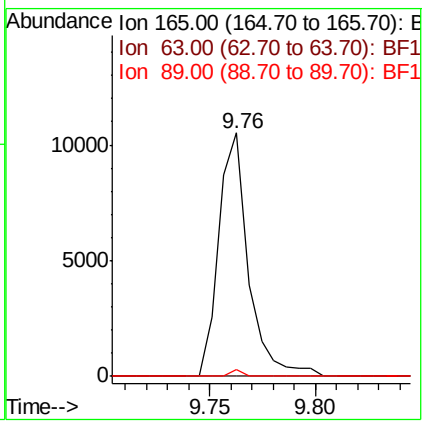


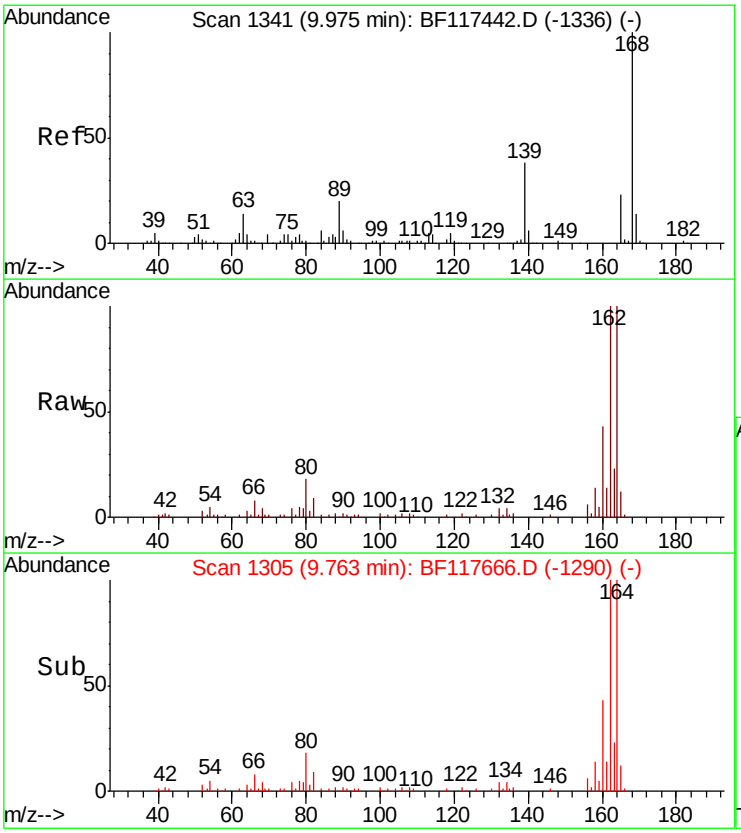
#51
2,6-Dinitrotoluene
Concen: 8.407 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10253

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.8	65.8#
89	2.9	47.6	71.4#

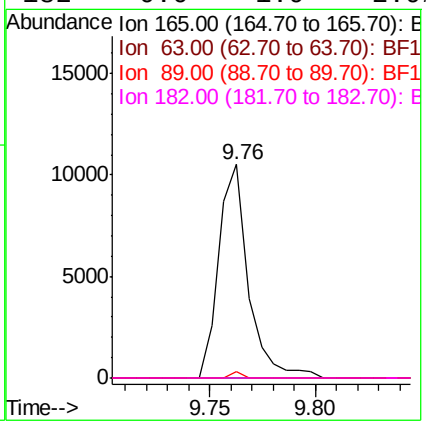


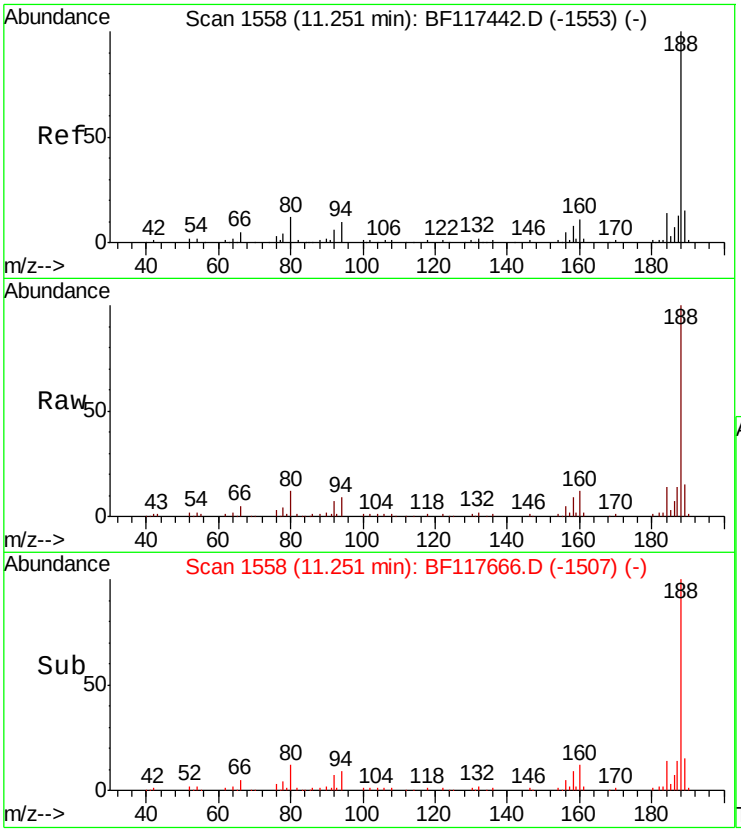


#57
2,4-Dinitrotoluene
Concen: 6.324 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Tgt Ion:165 Resp: 10253

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



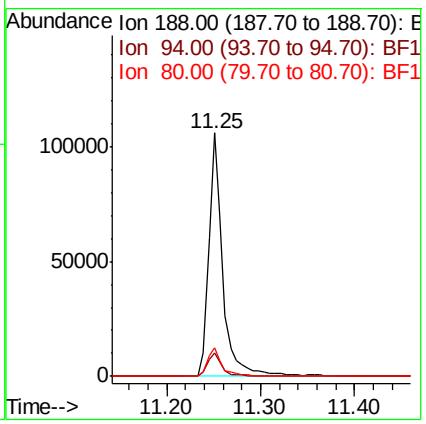


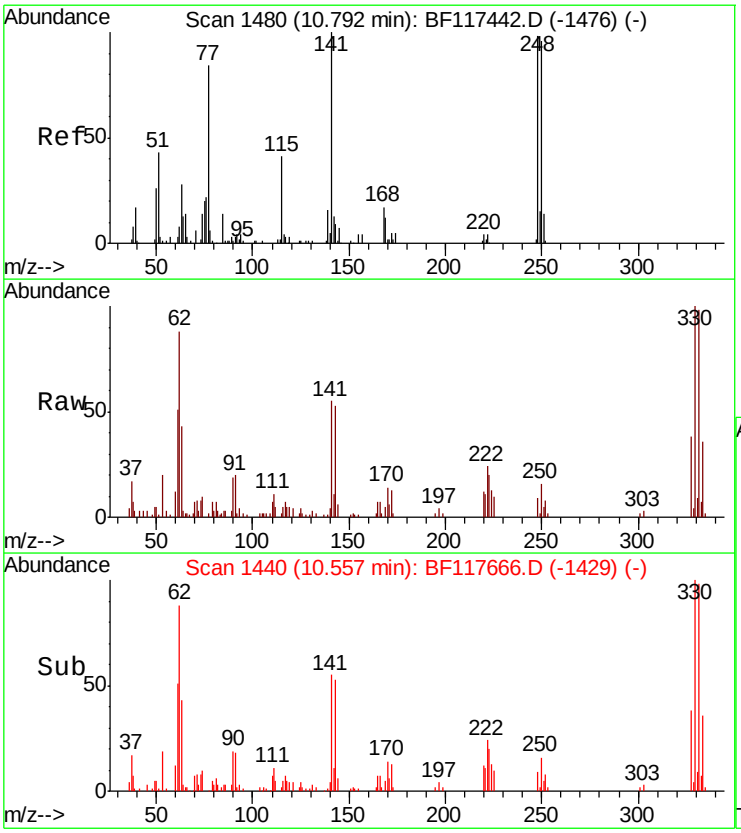
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 111477

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	11.9	9.5	14.3

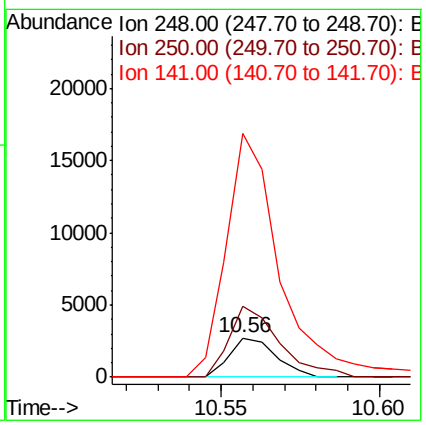


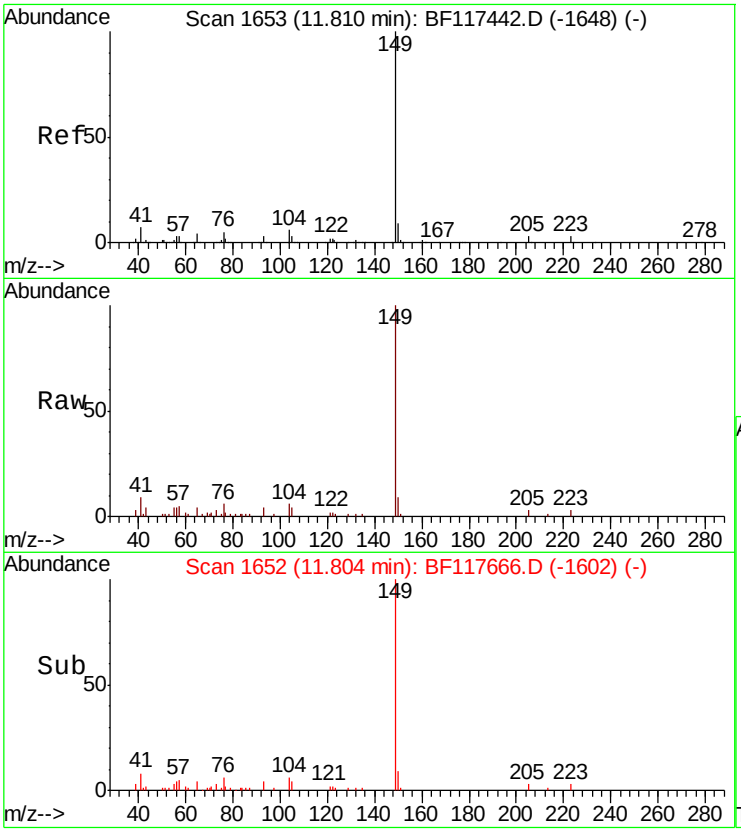


#67
4-Bromophenyl-phenylether
Concen: 2.289 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Tgt Ion:248 Resp: 2749

Ion	Ratio	Lower	Upper
248	100		
250	181.9	78.0	117.0#
141	624.0	81.7	122.5#



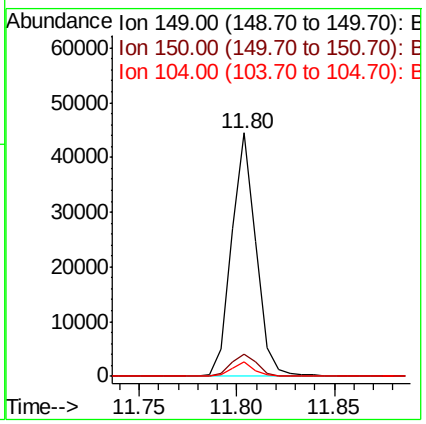


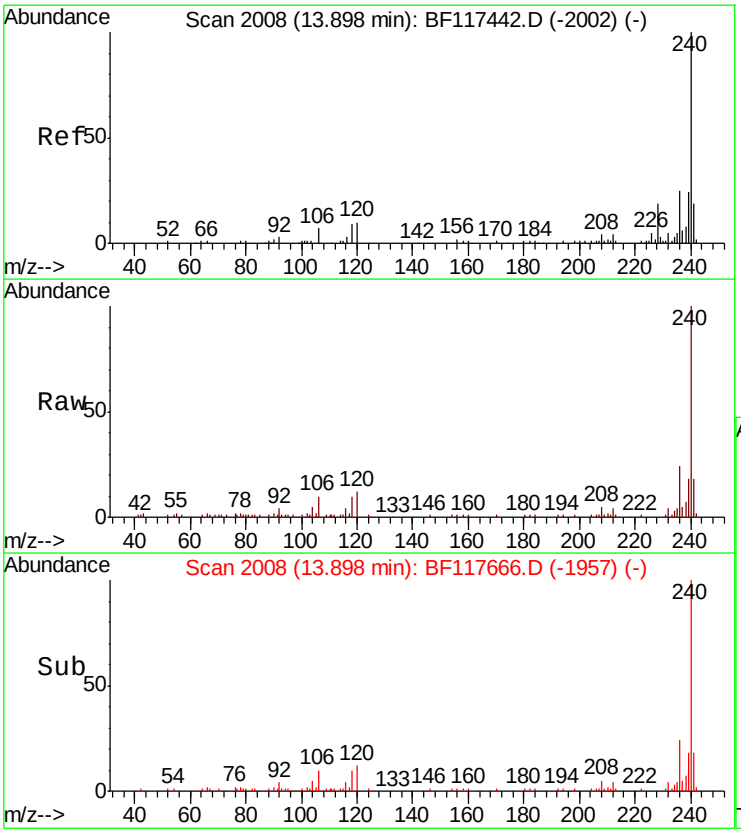
#74
Di-n-butylphthalate
Concen: 4.751 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 38530

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	5.9	4.6	6.8

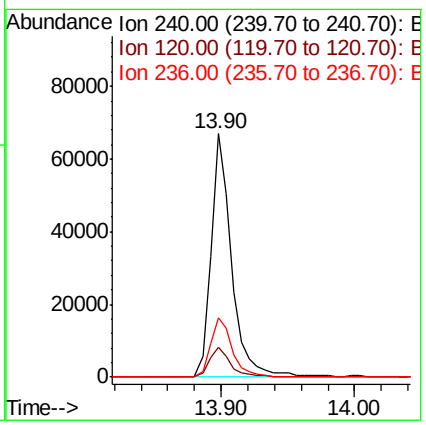


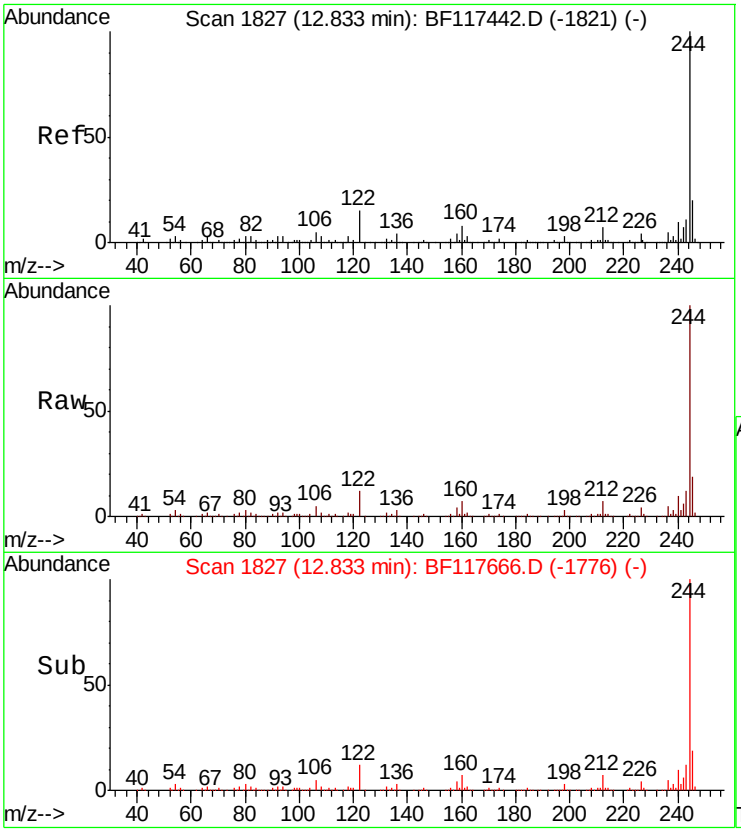


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Tgt Ion:240 Resp: 72276

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.4	12.6
236	24.3	20.0	30.0



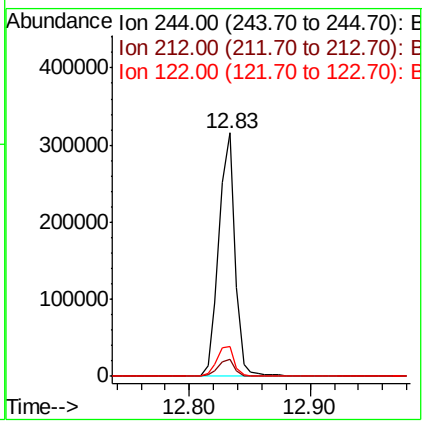


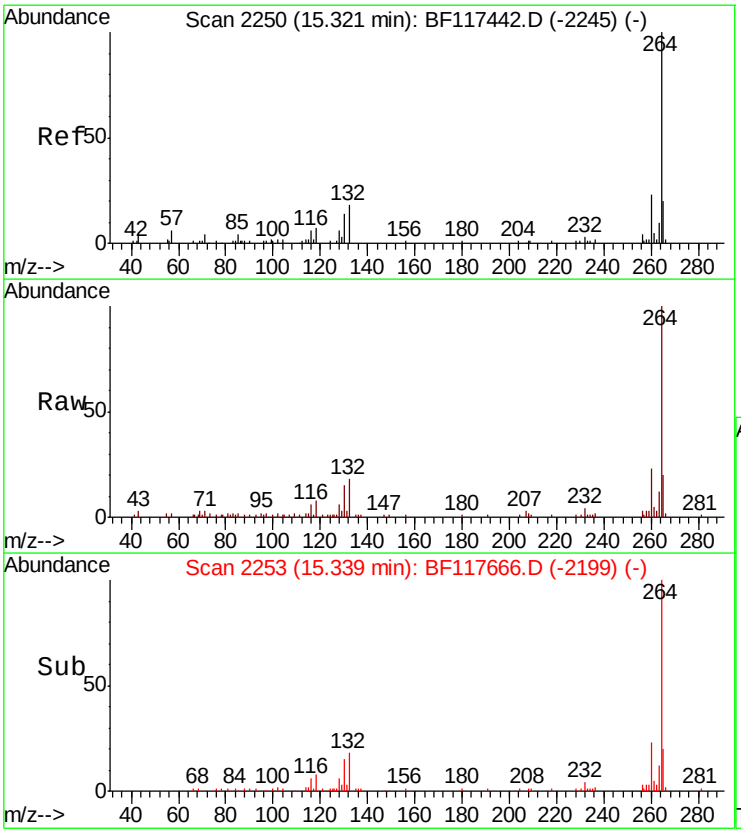
#79
Terphenyl-d14
Concen: 66.061 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 292723

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.3	11.8	17.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117666.D
Acq: 31 Oct 2019 18:52

Tgt Ion:264 Resp: 68906

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	19.7	16.1	24.1