Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
Data File : BF117466.D
Acq On : 21 Oct 2019 23:48
Operator : JU
Sample : K5447-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 22 01:57:29 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	39467	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	161020	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	82690	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	136049	20.00	ng	0.00
76) Chrysene-d12	13.89	240	114779	20.00	ng	-0.01
87) Perylene-d12	15.32	264	111238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	236414	89.12	ng	0.00
7) Phenol-d6	6.37	99	318237	89.31	ng	0.00
23) Nitrobenzene-d5	7.30	82	193667	59.38	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	63509	88.76	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	352552	60.07	ng	0.00
79) Terphenyl-d14	12.83	244	361120	51.32	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	25899	11.902	ng	# 79
25) Isophorone	7.30	82	193664	34.323	ng	# 65
50) Dimethylphthalate	9.48	163	42065	7.136	ng	99
51) 2,6-Dinitrotoluene	9.76	165	10524	8.555	ng	# 22
57) 2,4-Dinitrotoluene	9.76	165	10524	6.435	ng	# 12
67) 4-Bromophenyl-phenylether	10.55	248	4162	2.840	ng	# 1
77) Benzidine	12.83	184	5197	Below Cal		# 93

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

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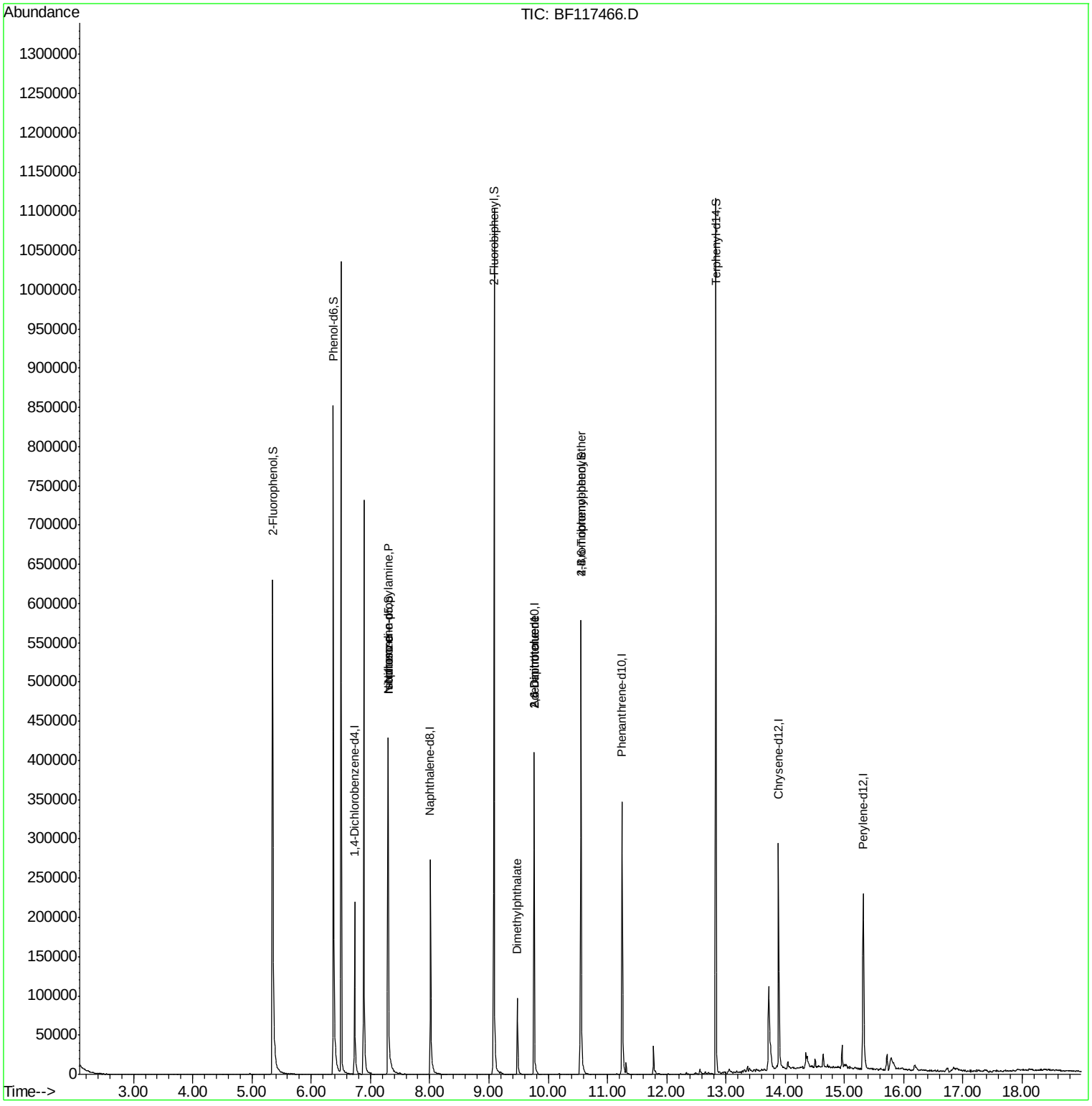
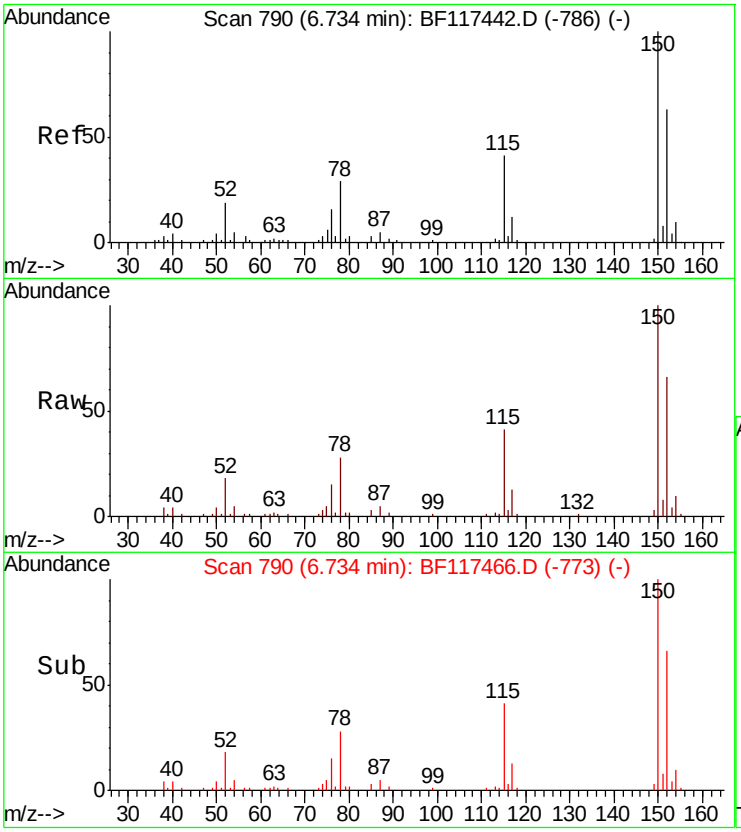


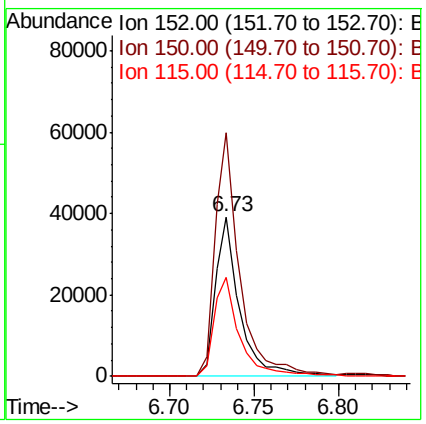


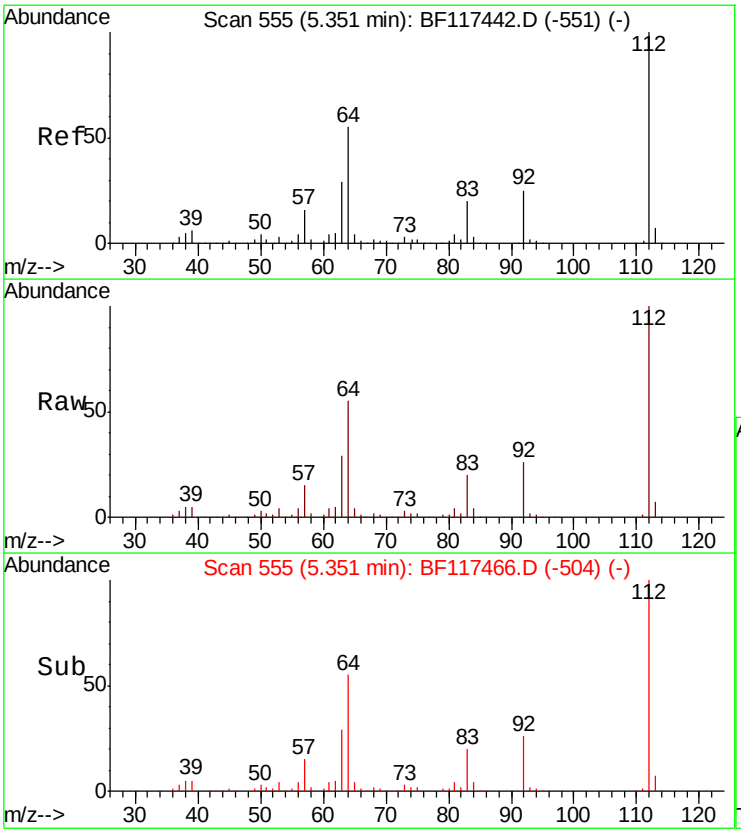
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 39467

Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.8	190.2
115	61.8	51.6	77.4

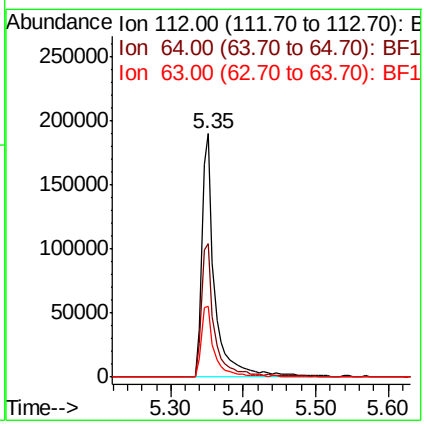


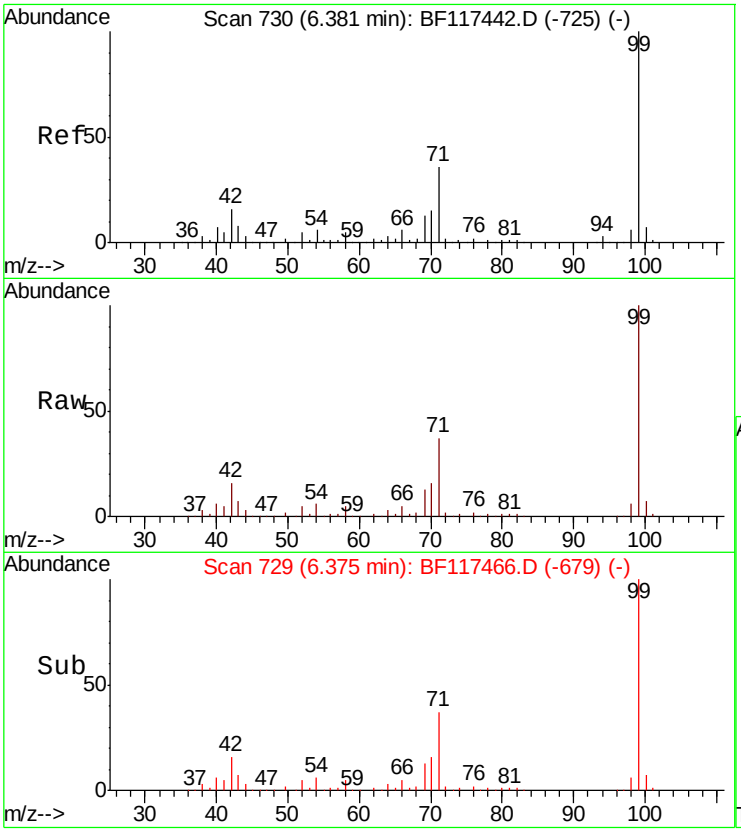


#5
2-Fluorophenol
Concen: 89.116 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Tgt Ion:112 Resp: 236414

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.1	66.1
63	29.2	23.4	35.2



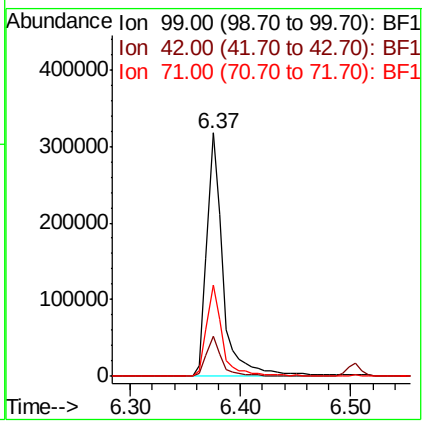


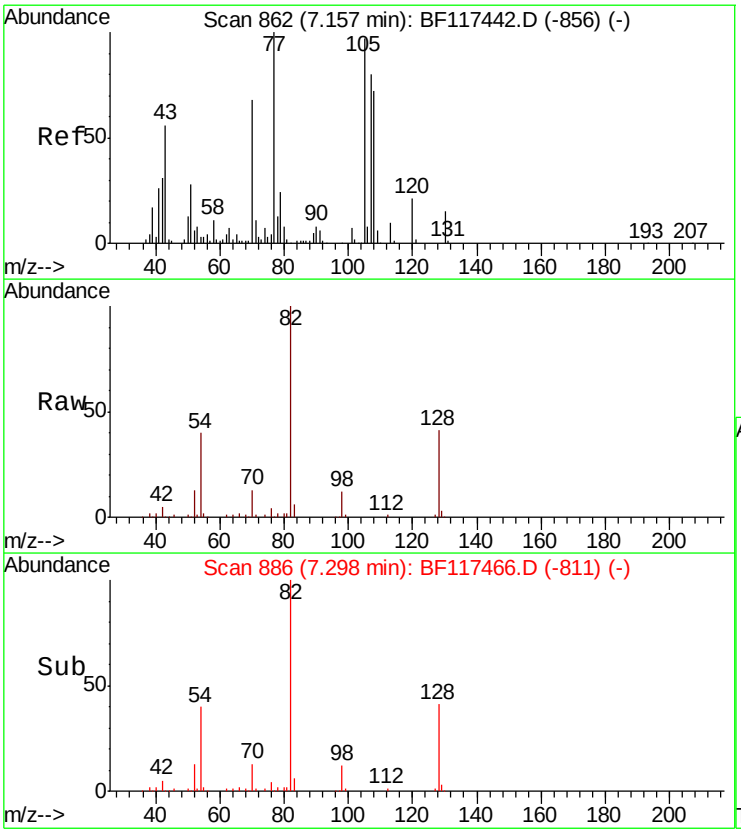
#7
Phenol-d6
Concen: 89.314 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 318237

Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.8	19.2
71	37.3	28.6	43.0

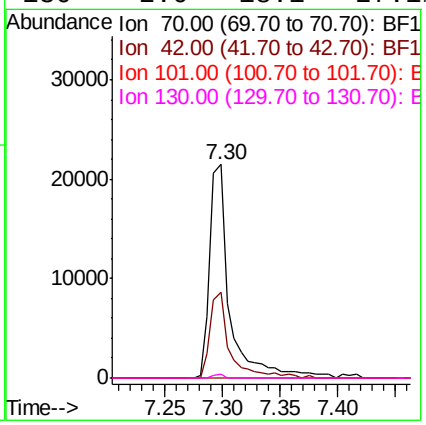


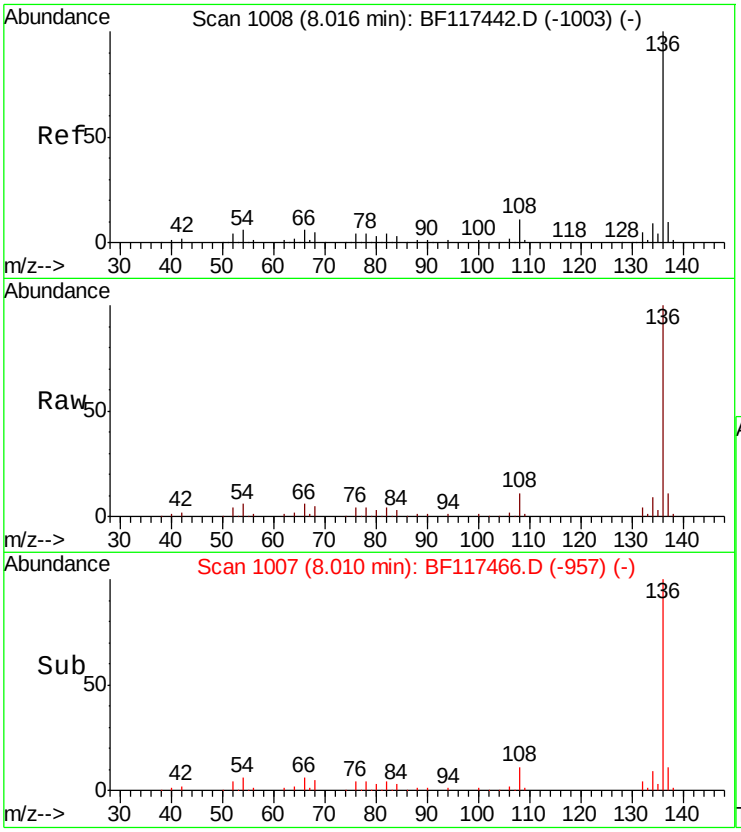


#19
n-Nitroso-di-n-propylamine
Concen: 11.902 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Tgt Ion: 70 Resp: 25899

Ion	Ratio	Lower	Upper
70	100		
42	39.9	36.7	55.1
101	0.0	8.3	12.5#
130	2.0	18.1	27.1#



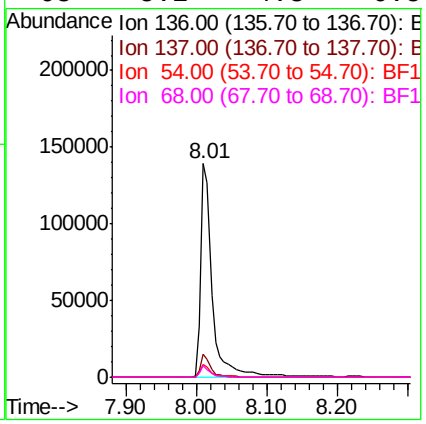


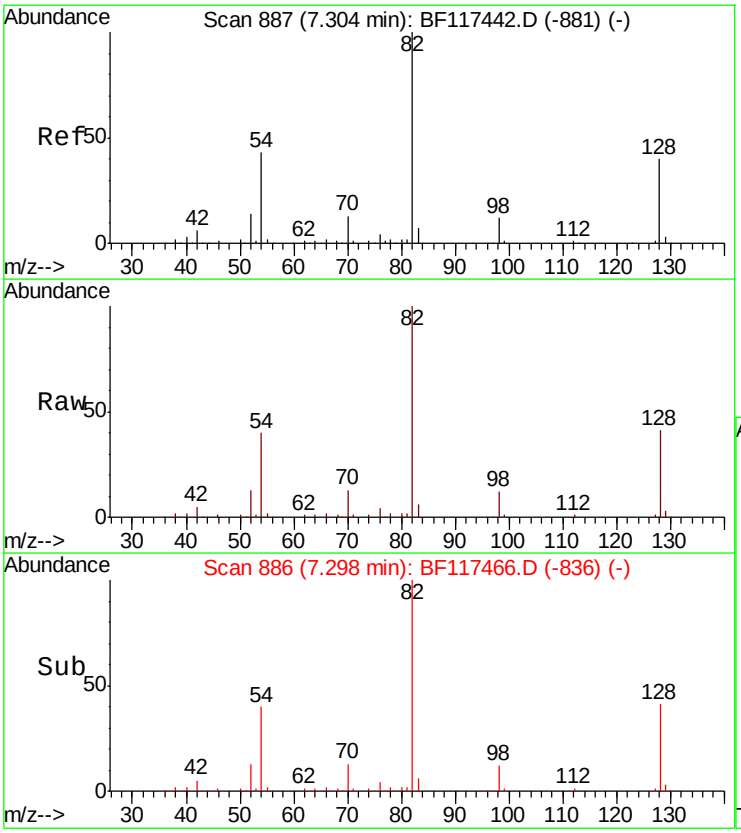
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 161020

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	5.7	4.5	6.7
68	5.2	4.3	6.5

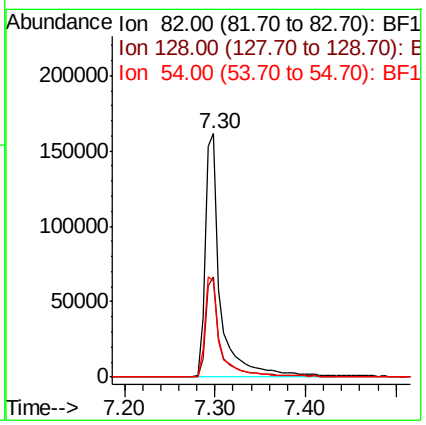


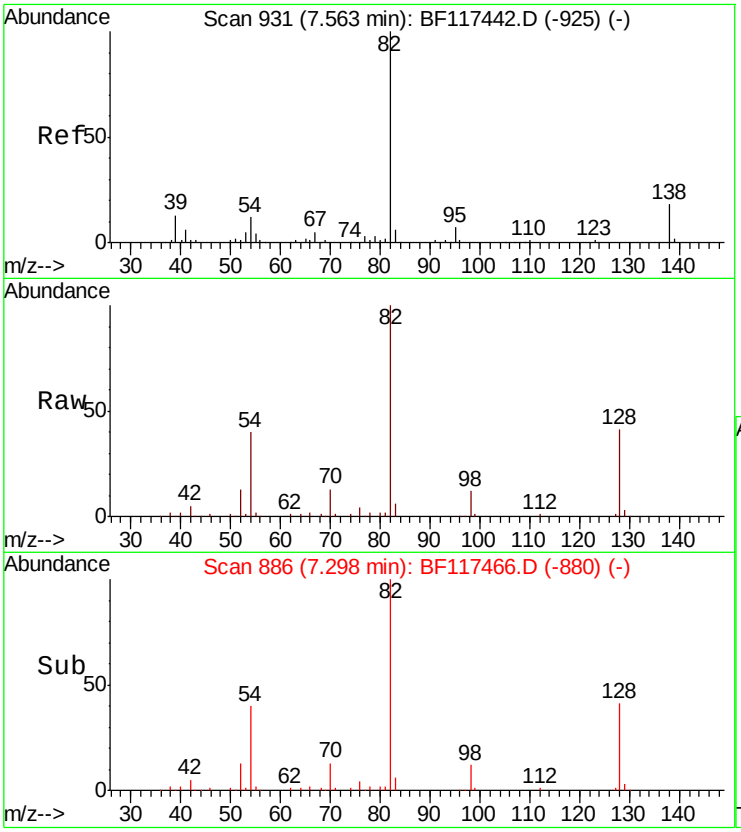


#23
Nitrobenzene-d5
Concen: 59.377 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Tgt Ion: 82 Resp: 193667

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.2	48.2
54	39.5	34.2	51.2



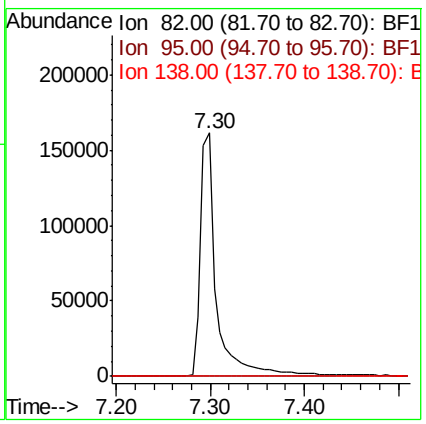


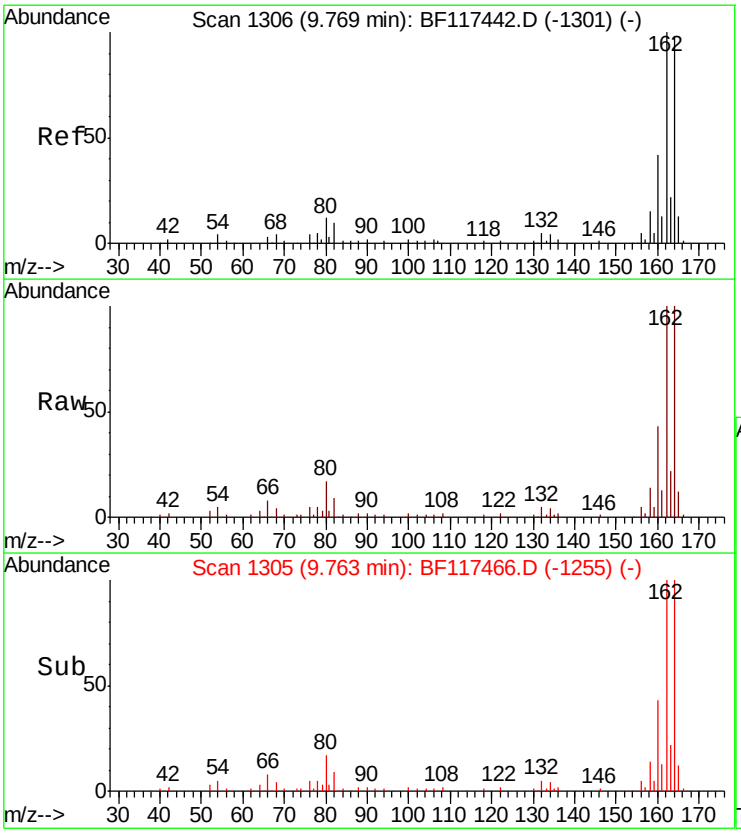
#25
Isophorone
Concen: 34.323 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.26 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 193664

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

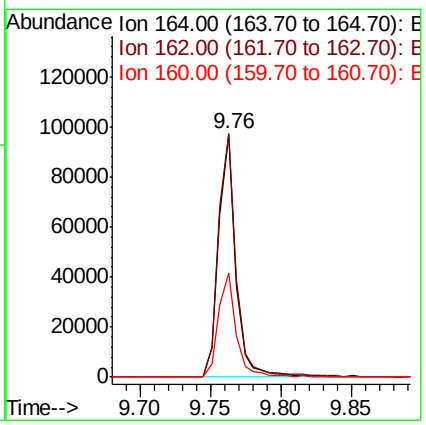


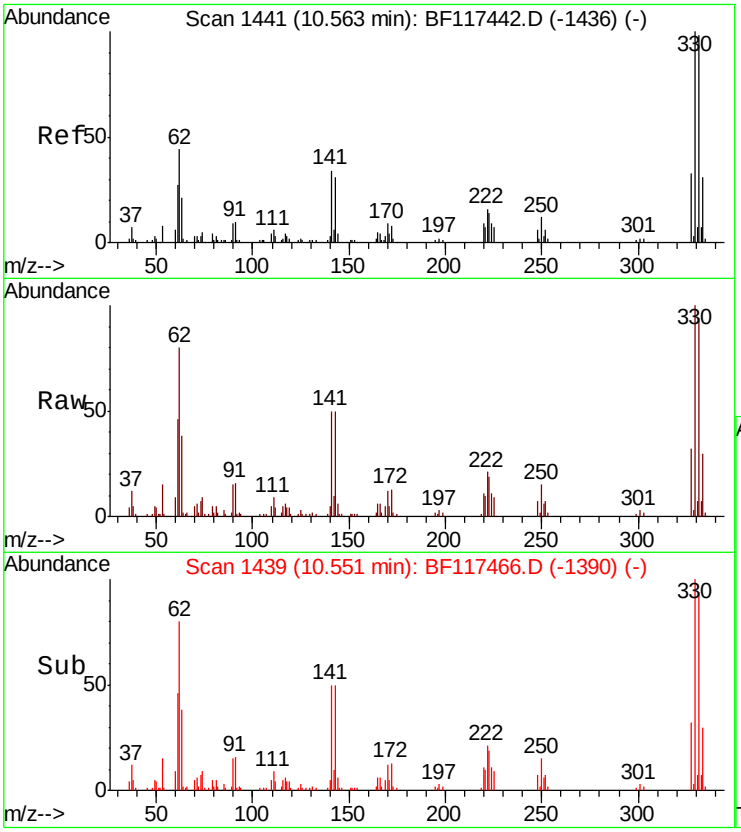


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Tgt Ion:164 Resp: 82690

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.8	122.6
160	42.8	34.4	51.6



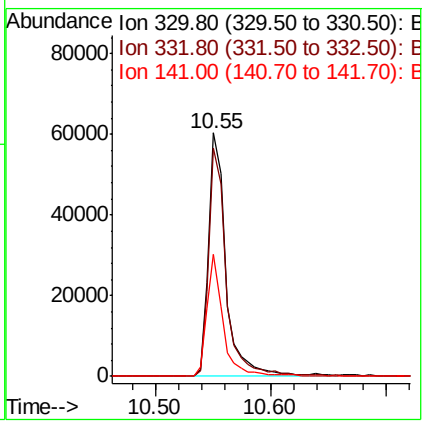


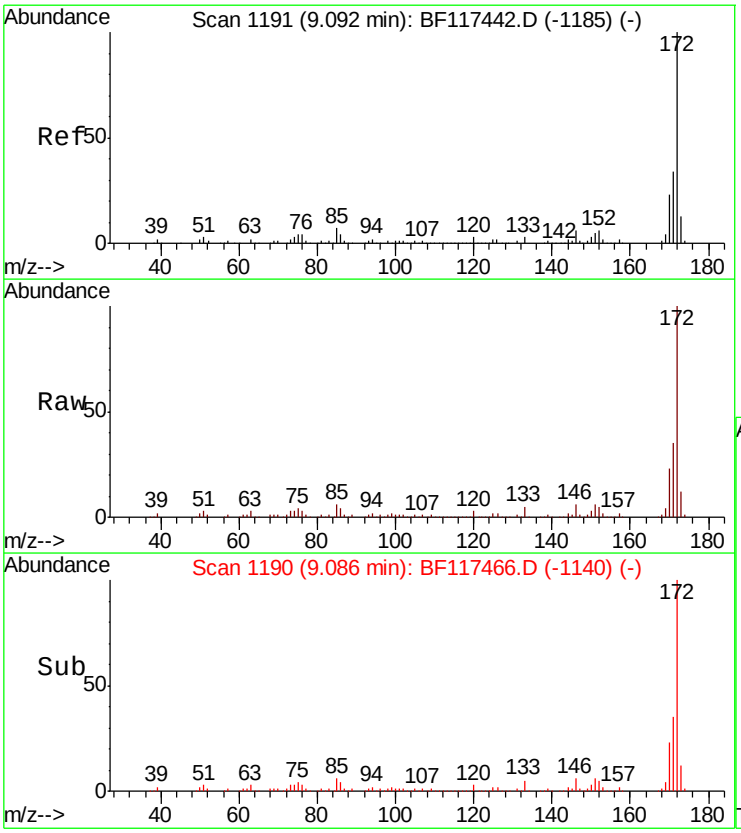
#42
2,4,6-Tribromophenol
Concen: 88.764 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 63509

Ion	Ratio	Lower	Upper
330	100		
332	94.2	78.5	117.7
141	46.3	37.0	55.6

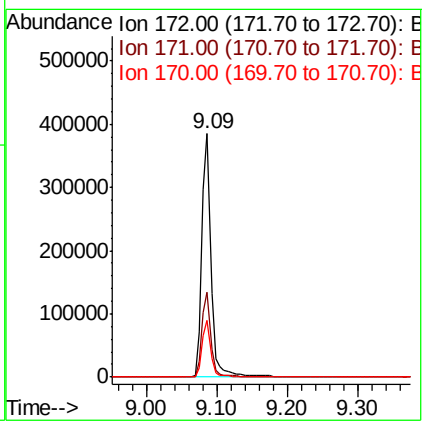


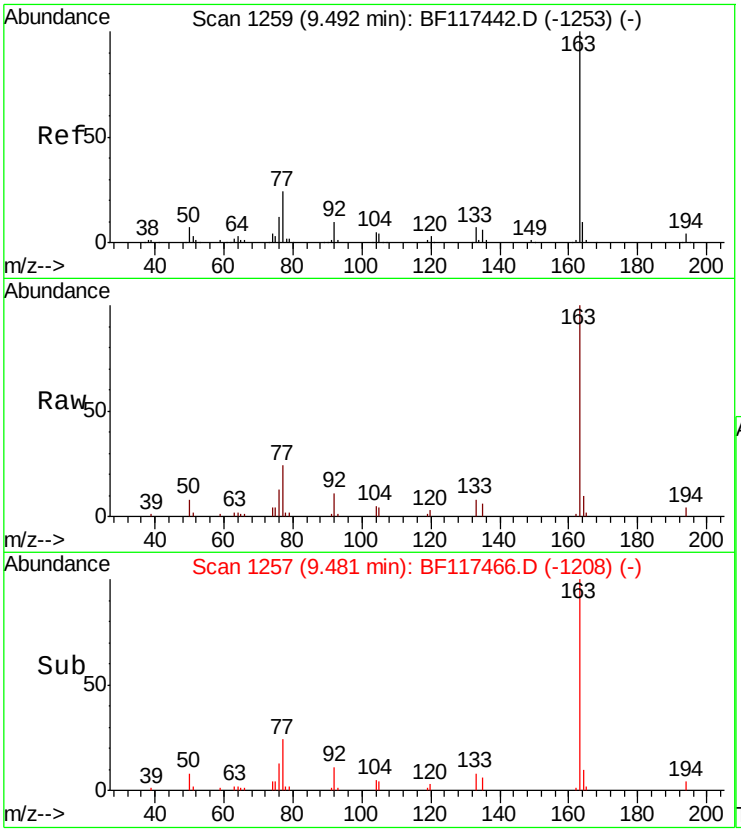


#45
2-Fluorobiphenyl
Concen: 60.073 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Tgt Ion:172 Resp: 352552

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.5	41.3
170	23.1	18.6	27.8



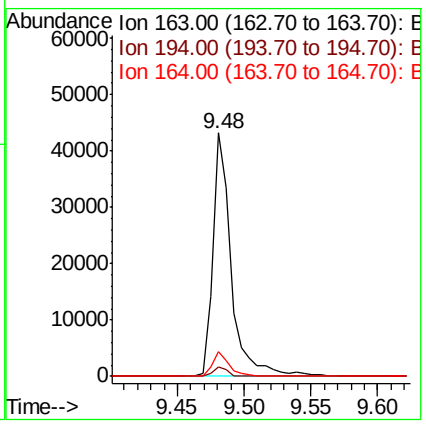


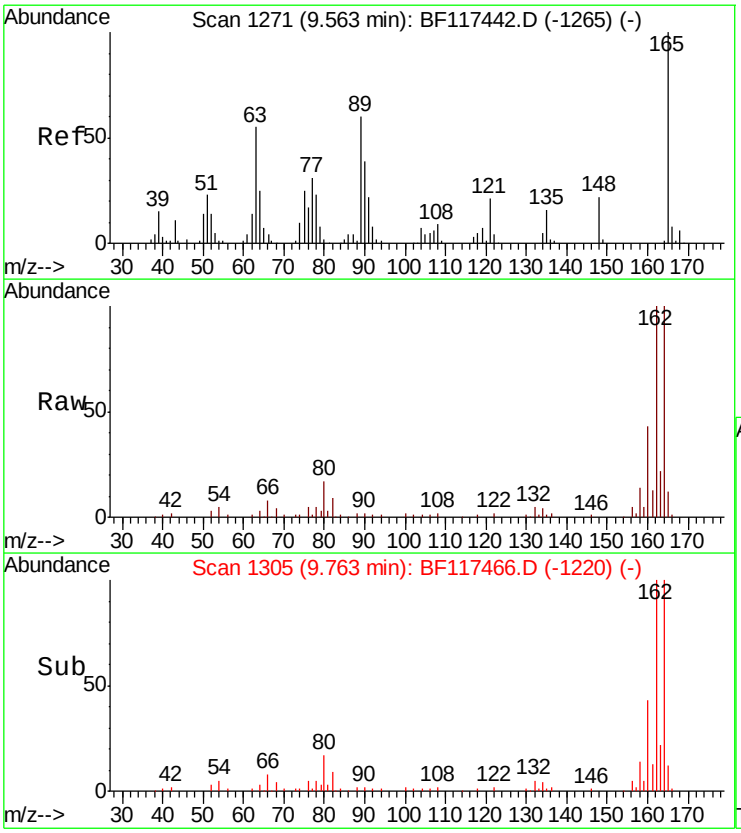
#50
Dimethylphthalate
Concen: 7.136 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 42065

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	10.3	8.2	12.2

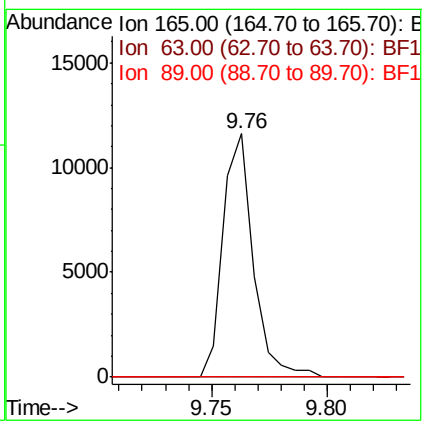


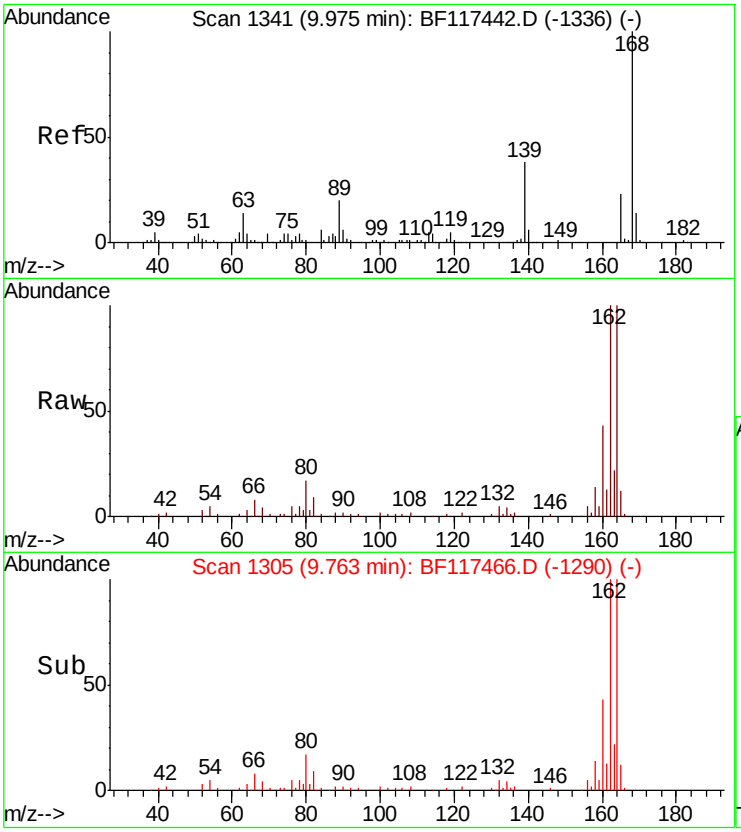


#51
2,6-Dinitrotoluene
Concen: 8.555 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.20 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Tgt Ion:165 Resp: 10524

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



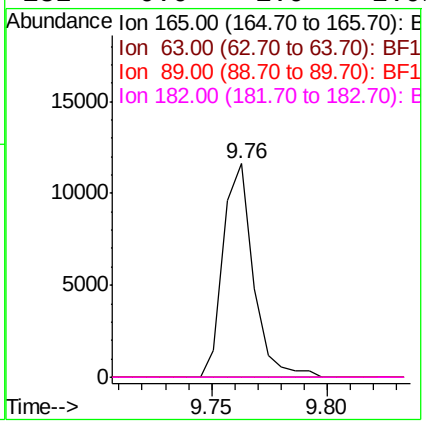


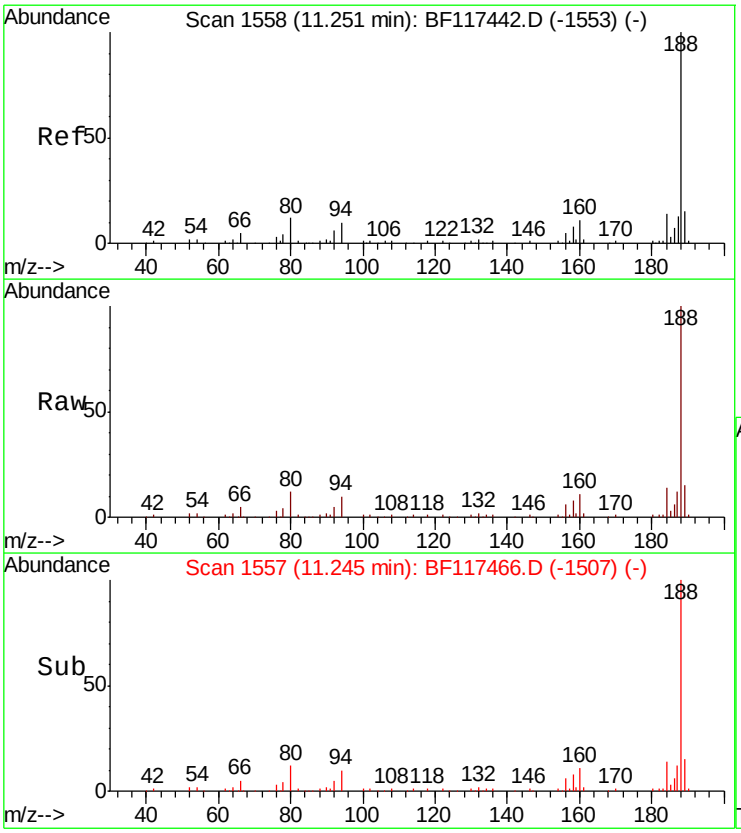
#57
2,4-Dinitrotoluene
Concen: 6.435 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.21 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10524

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#

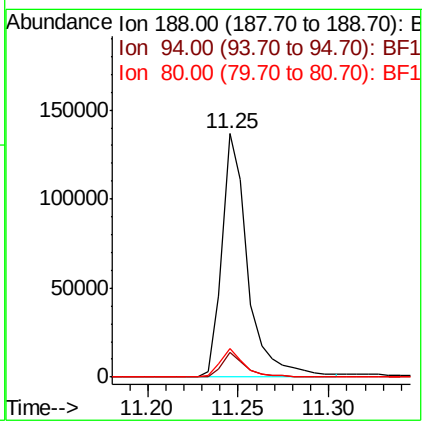


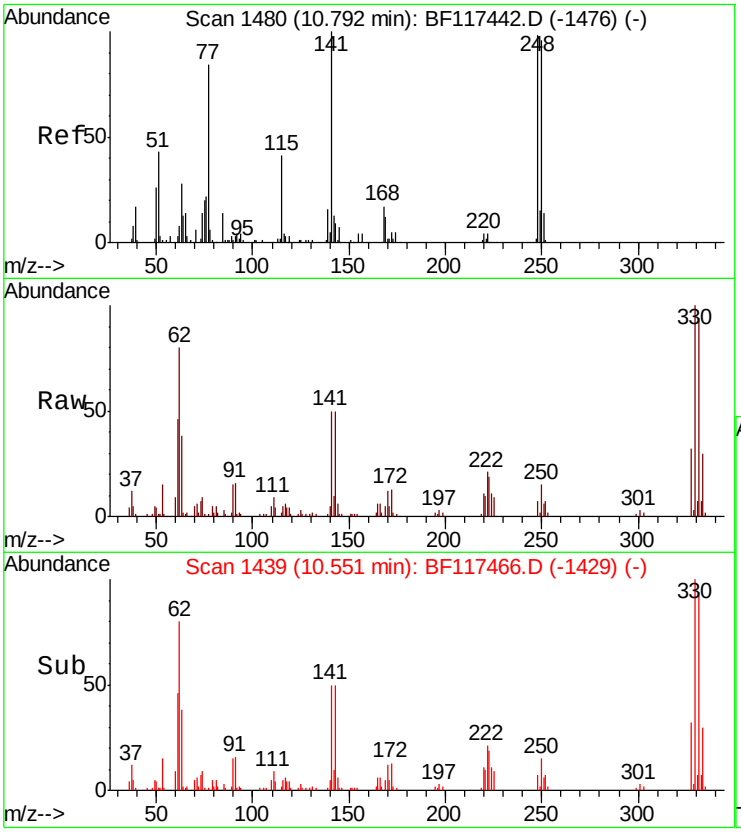


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Tgt Ion:188 Resp: 136049

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	11.7	9.5	14.3



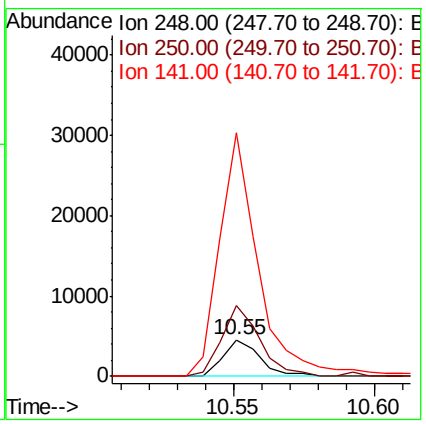


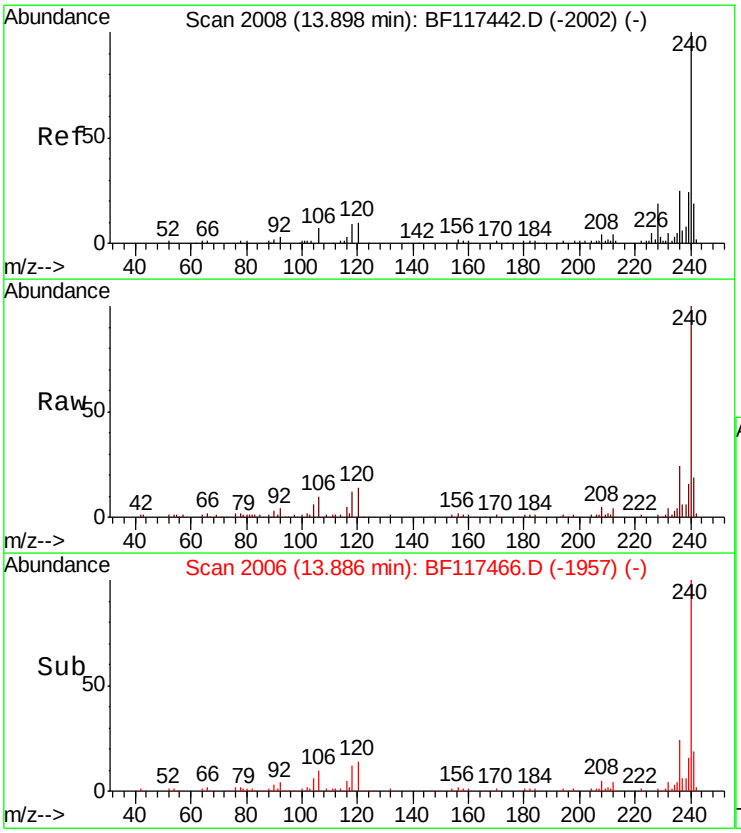
#67
4-Bromophenyl-phenylether
Concen: 2.840 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 4162

Ion	Ratio	Lower	Upper
248	100		
250	195.4	78.0	117.0#
141	670.5	81.7	122.5#

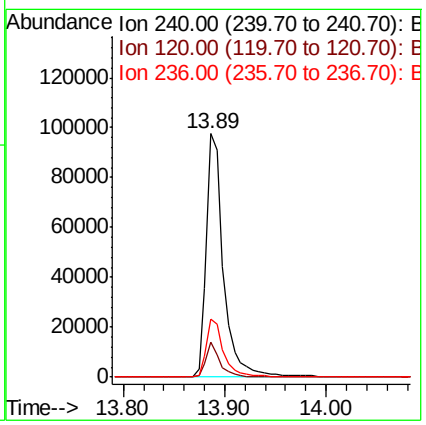


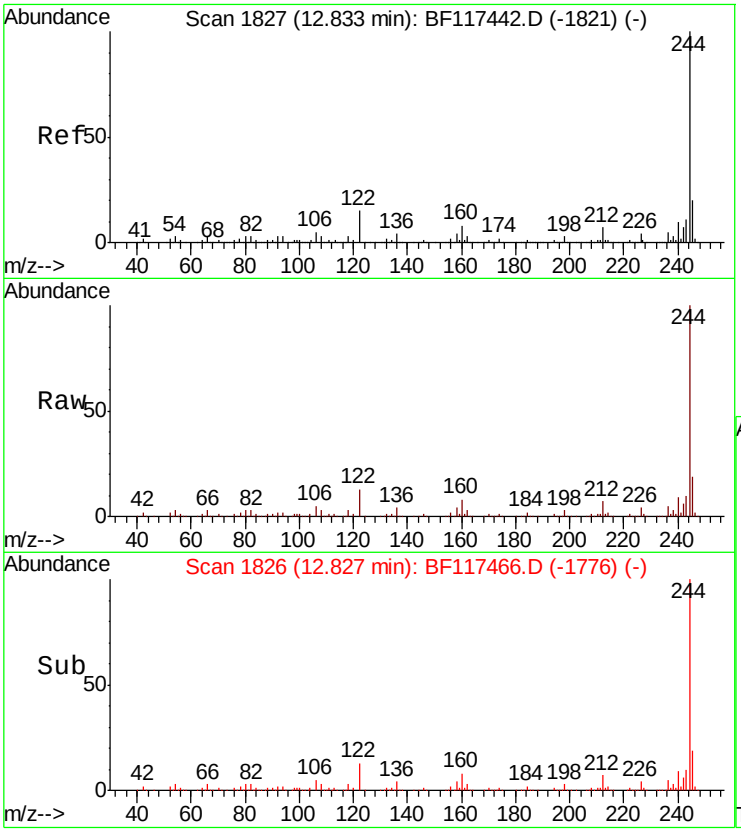


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Tgt Ion:240 Resp: 114779

Ion	Ratio	Lower	Upper
240	100		
120	14.1	8.4	12.6#
236	23.7	20.0	30.0



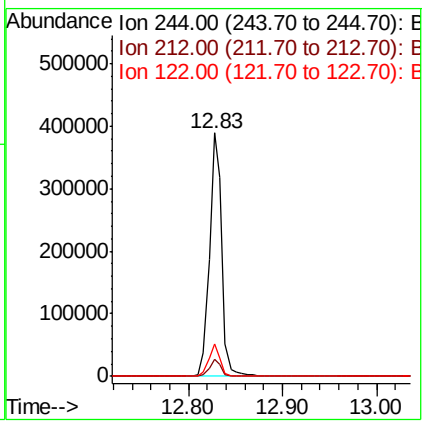


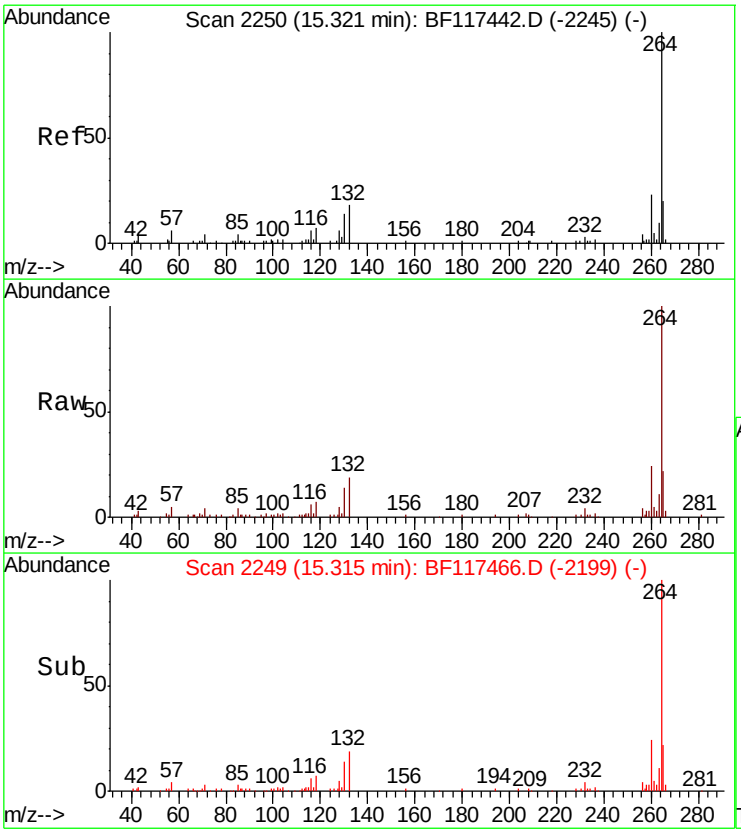
#79
Terphenyl-d14
Concen: 51.318 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117466.D
Acq: 21 Oct 2019 23:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 361120

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	13.1	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: BF117466.D
Acq: 21 Oct 2019 23:48

Tgt Ion:264 Resp: 111238

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.8	16.1	24.1