Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
Data File : BF117619.D
Acq On : 30 Oct 2019 12:53
Operator : JU
Sample : K5539-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 31 01:23:01 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	37844	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	148090	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	72362	20.00	ng		-0.01
64) Phenanthrene-d10	11.25	188	109973	20.00	ng		0.00
76) Chrysene-d12	13.89	240	76974	20.00	ng		0.00
87) Perylene-d12	15.33	264	80184	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	275715	108.39	ng		0.00
7) Phenol-d6	6.39	99	382345	111.91	ng		0.00
23) Nitrobenzene-d5	7.29	82	220133	73.38	ng		-0.01
42) 2,4,6-Tribromophenol	10.56	330	63567	101.53	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	348769	67.91	ng		-0.01
79) Terphenyl-d14	12.83	244	265102	56.18	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.39	77	519	Below Cal		#	3
10) Phenol	6.40	94	10688	3.065	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	29853	14.307	ng	#	78
25) Isophorone	7.29	82	220131	42.420	ng	#	65
50) Dimethylphthalate	9.48	163	38535	7.470	ng	#	98
51) 2,6-Dinitrotoluene	9.76	165	9281	8.622	ng	#	22
57) 2,4-Dinitrotoluene	9.76	165	9281	6.485	ng	#	12
67) 4-Bromophenyl-phenylether	10.56	248	3931	3.319	ng	#	1
77) Benzidine	12.83	184	3360	Below Cal		#	90

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

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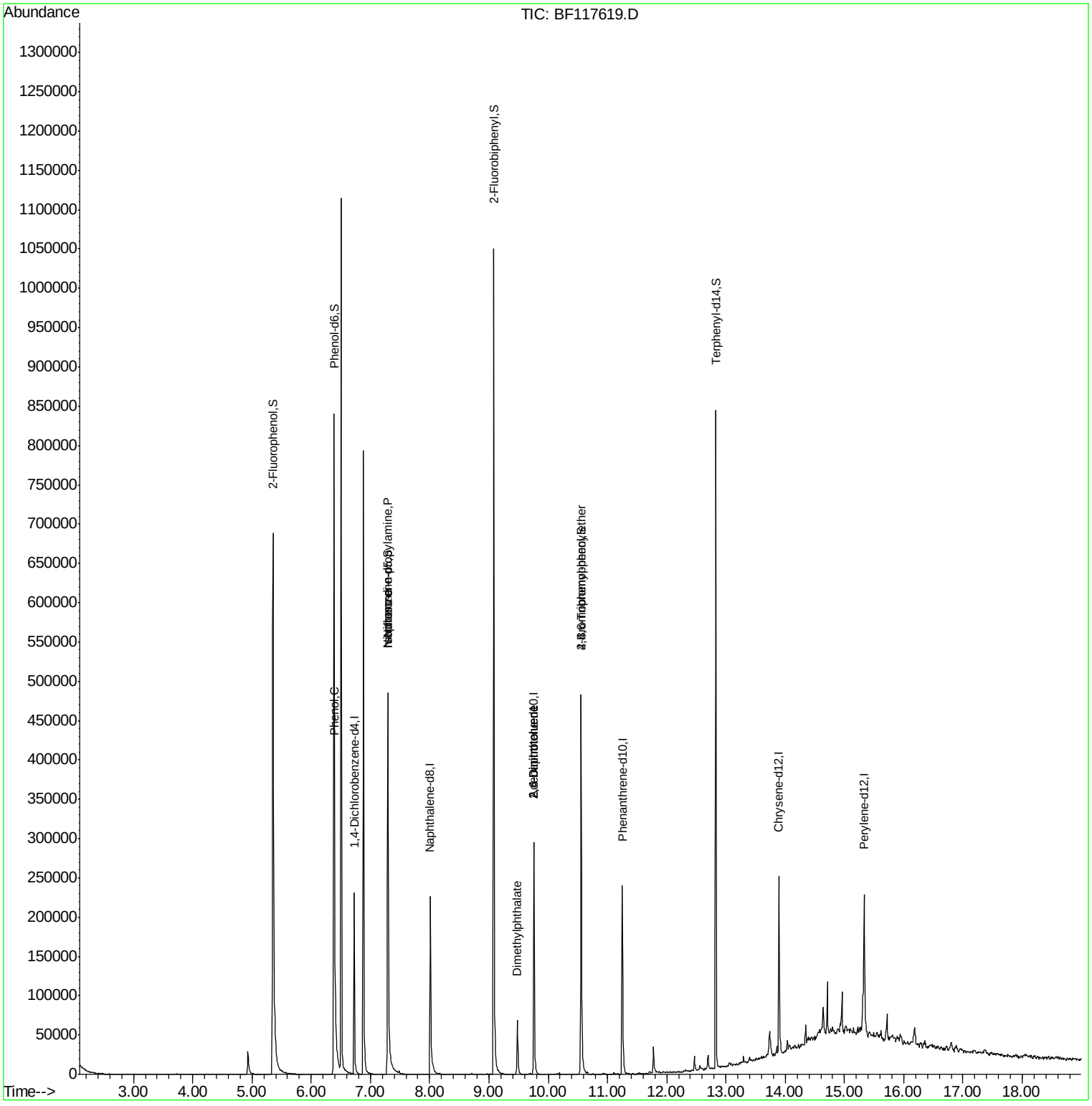
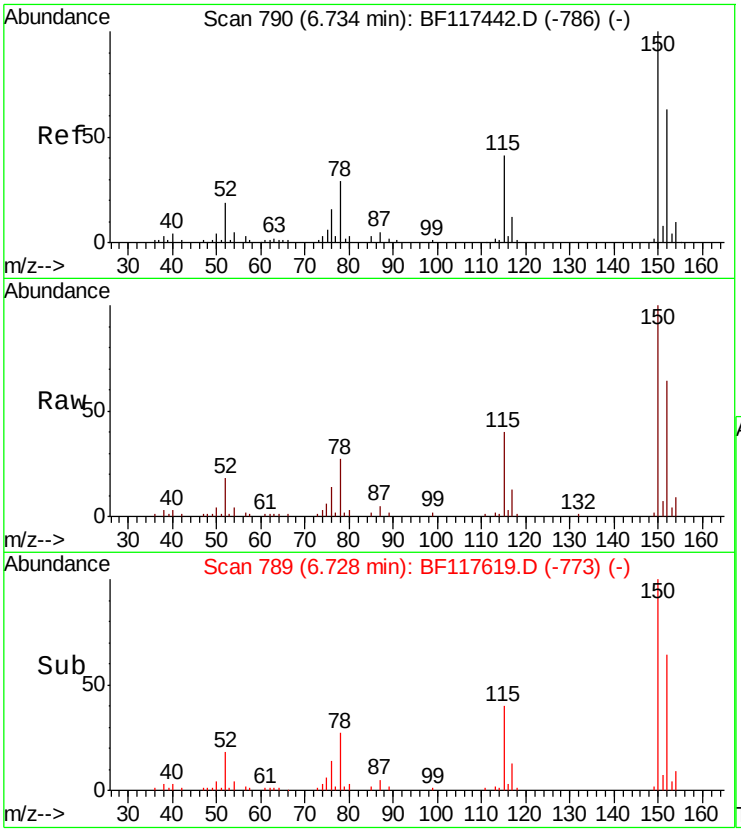


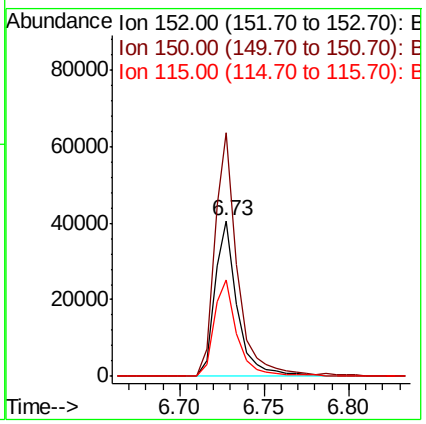


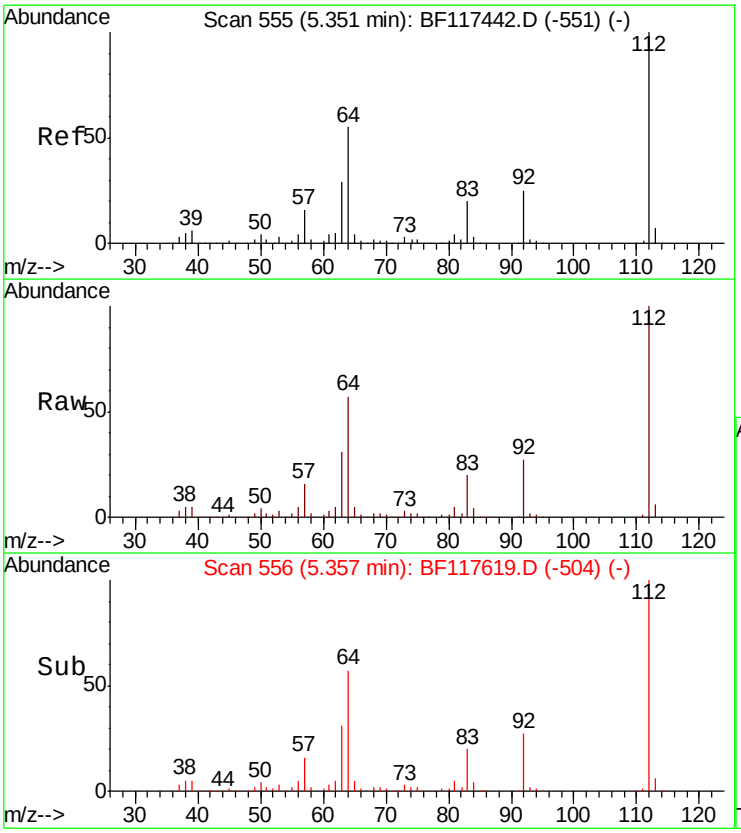
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 37844

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.8	190.2
115	62.0	51.6	77.4

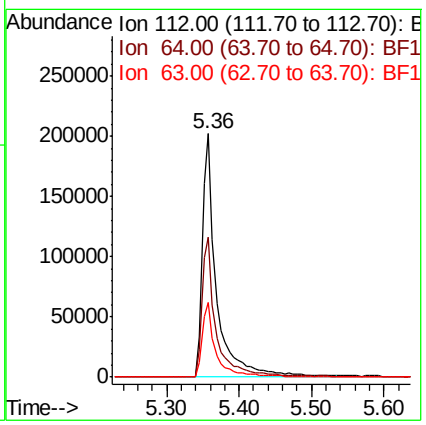


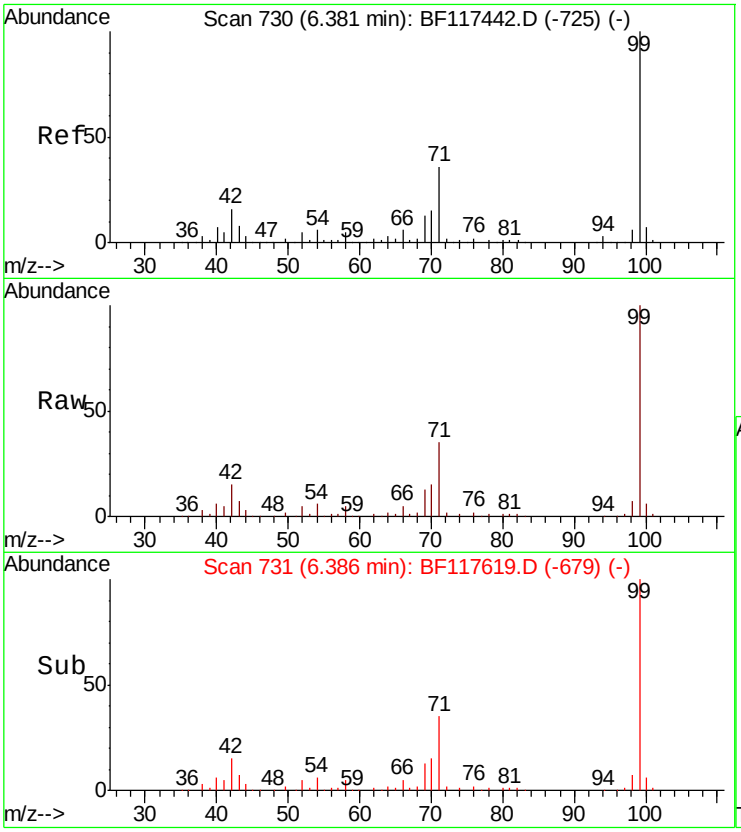


#5
2-Fluorophenol
Concen: 108.388 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Tgt Ion:112 Resp: 275715

Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.1	66.1
63	30.7	23.4	35.2



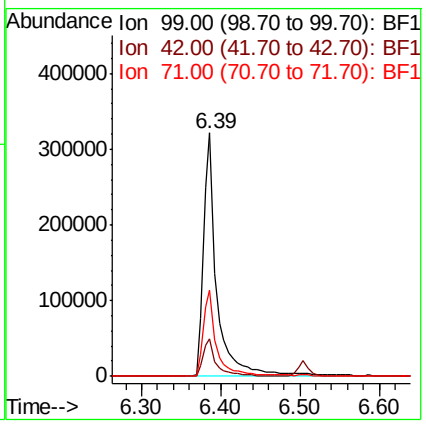


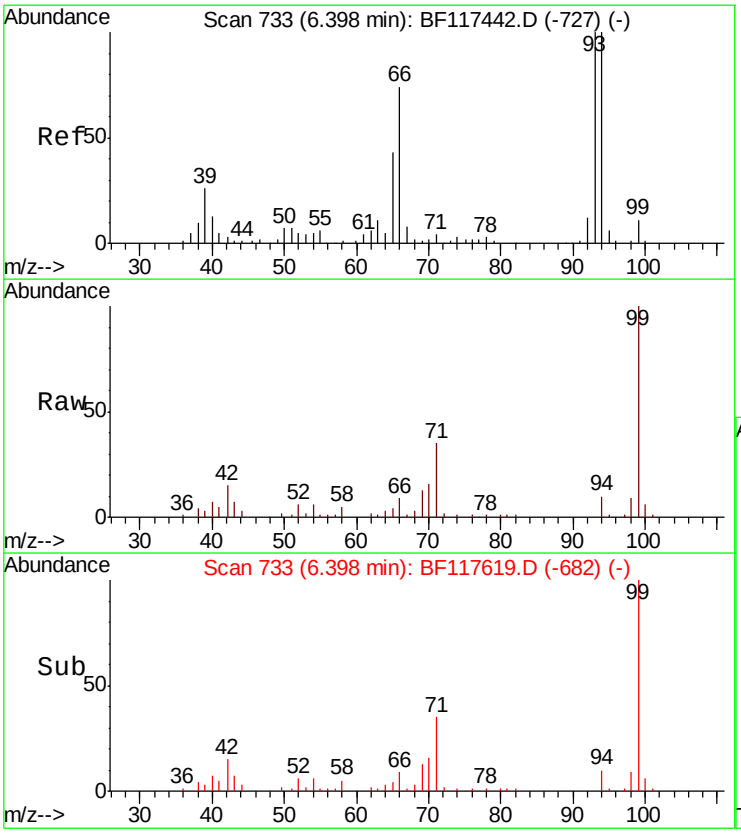
#7
Phenol-d6
Concen: 111.908 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 382345

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.8	19.2
71	35.2	28.6	43.0

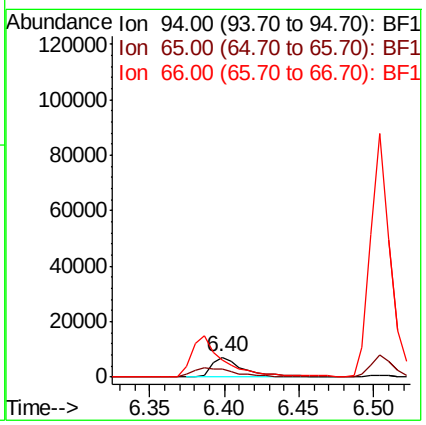


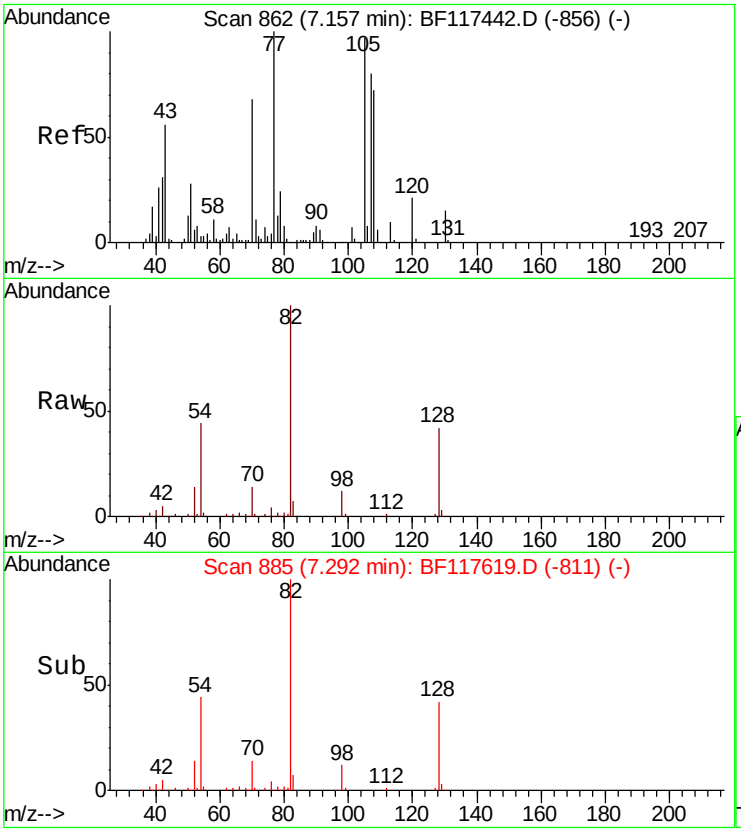


#10
Phenol
Concen: 3.065 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Tgt Ion: 94 Resp: 10688

Ion	Ratio	Lower	Upper
94	100		
65	42.9	23.4	63.4
66	82.8	54.7	94.7



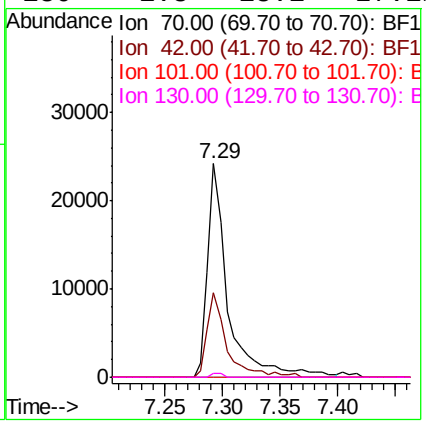


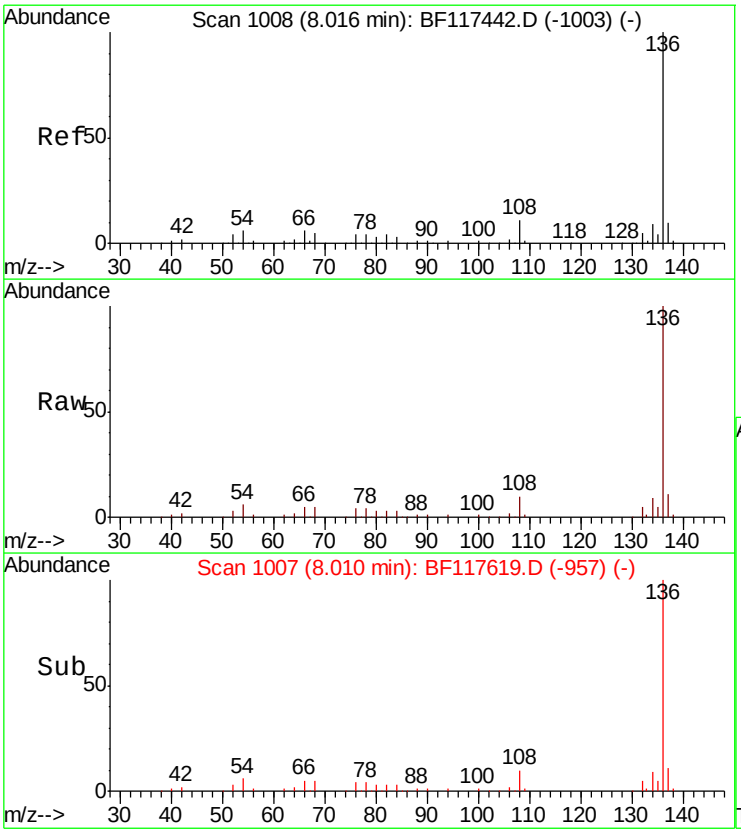
#19
n-Nitroso-di-n-propylamine
Concen: 14.307 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 29853

Ion	Ratio	Lower	Upper
70	100		
42	39.3	36.7	55.1
101	0.0	8.3	12.5#
130	1.8	18.1	27.1#

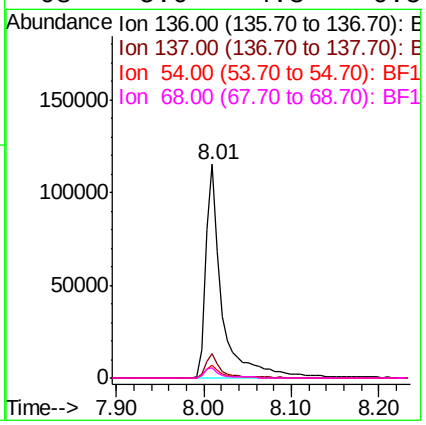


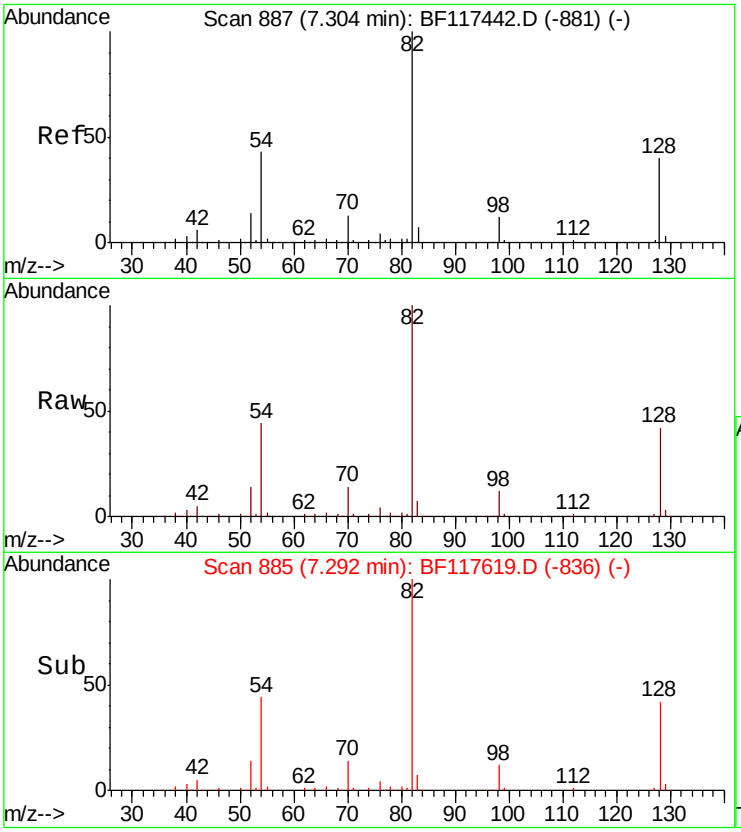


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Tgt Ion:136 Resp: 148090

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	6.0	4.5	6.7
68	5.0	4.3	6.5



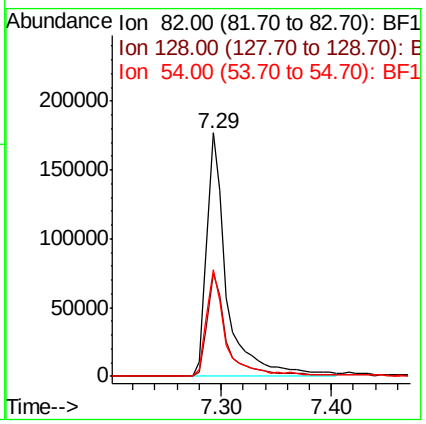


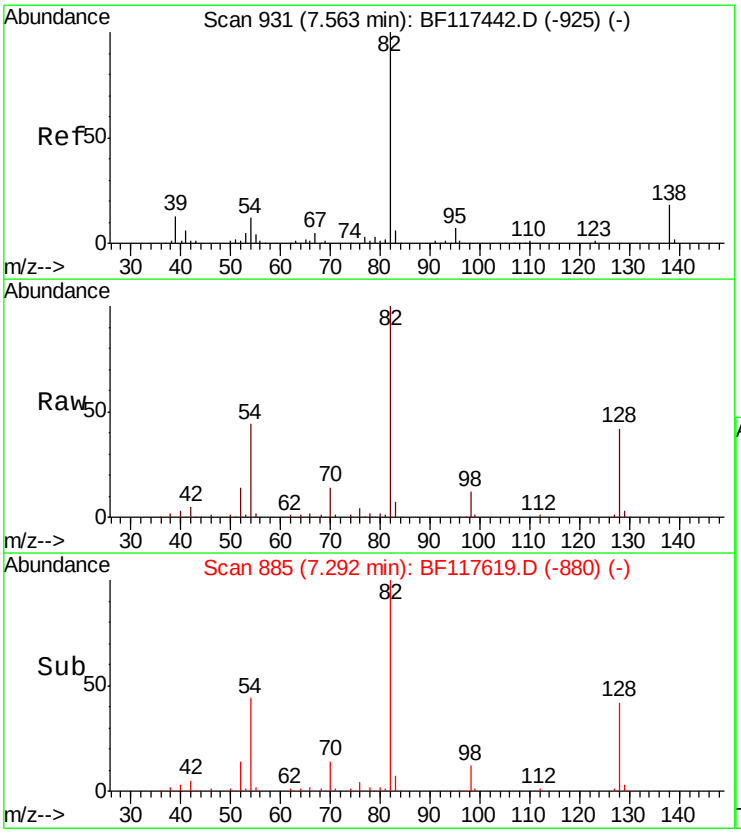
#23
Nitrobenzene-d5
Concen: 73.384 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 220133

Ion	Ratio	Lower	Upper
82	100		
128	42.4	32.2	48.2
54	43.6	34.2	51.2

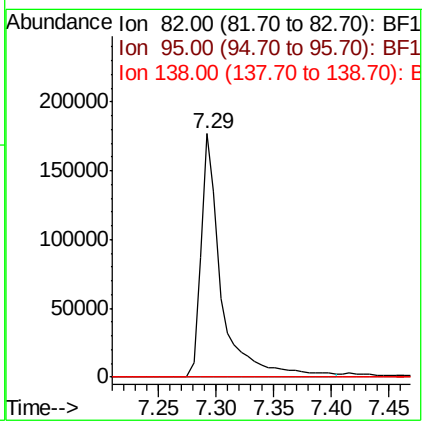


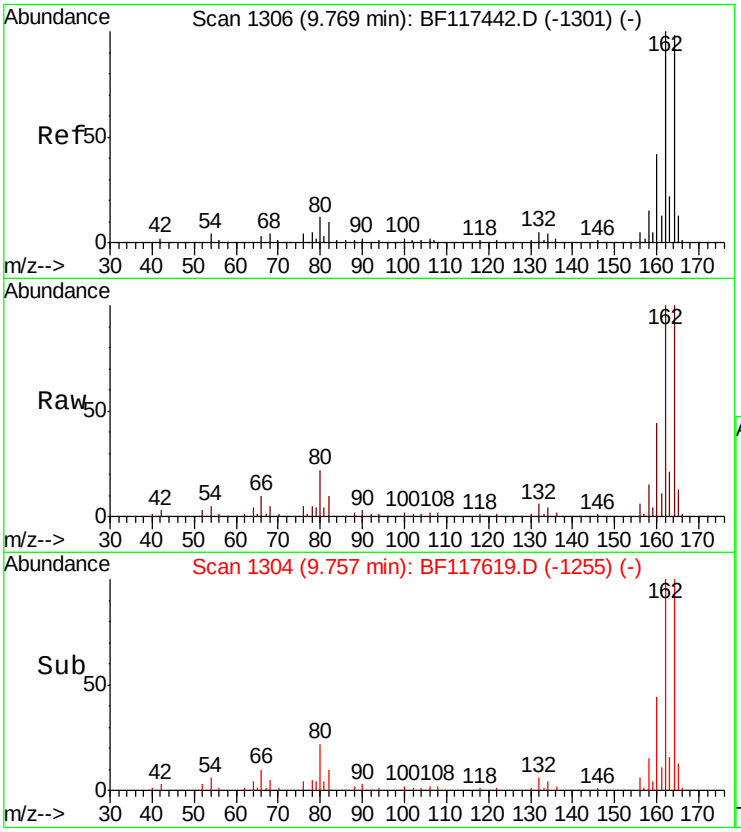


#25
Isophorone
Concen: 42.420 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Tgt Ion: 82 Resp: 220131

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



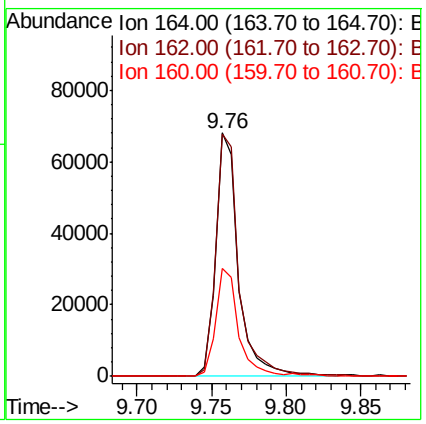


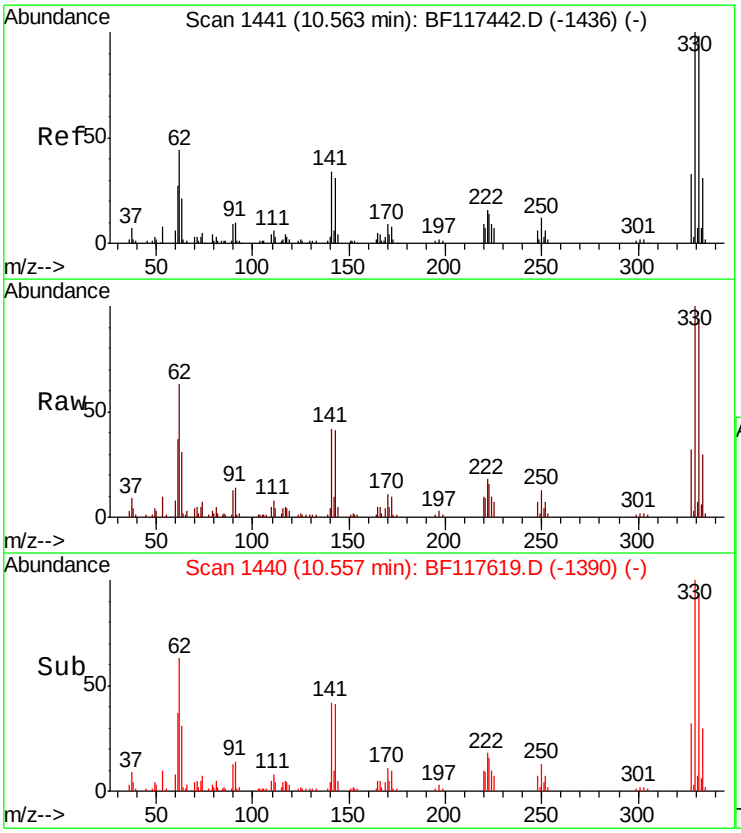
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 72362

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.8	122.6
160	44.1	34.4	51.6

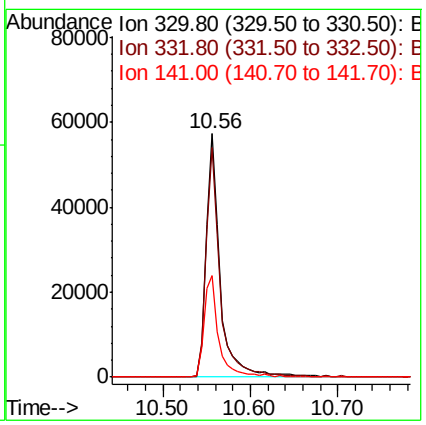


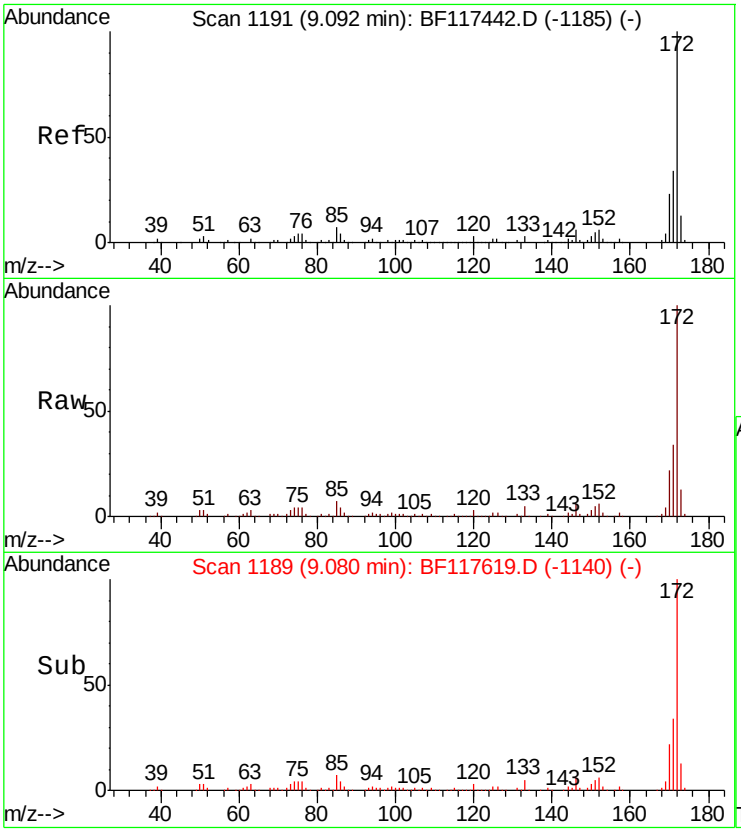


#42
2,4,6-Tribromophenol
Concen: 101.526 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Tgt Ion:330 Resp: 63567

Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.5	117.7
141	44.0	37.0	55.6



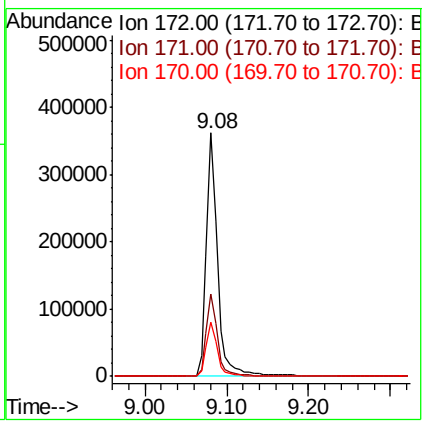


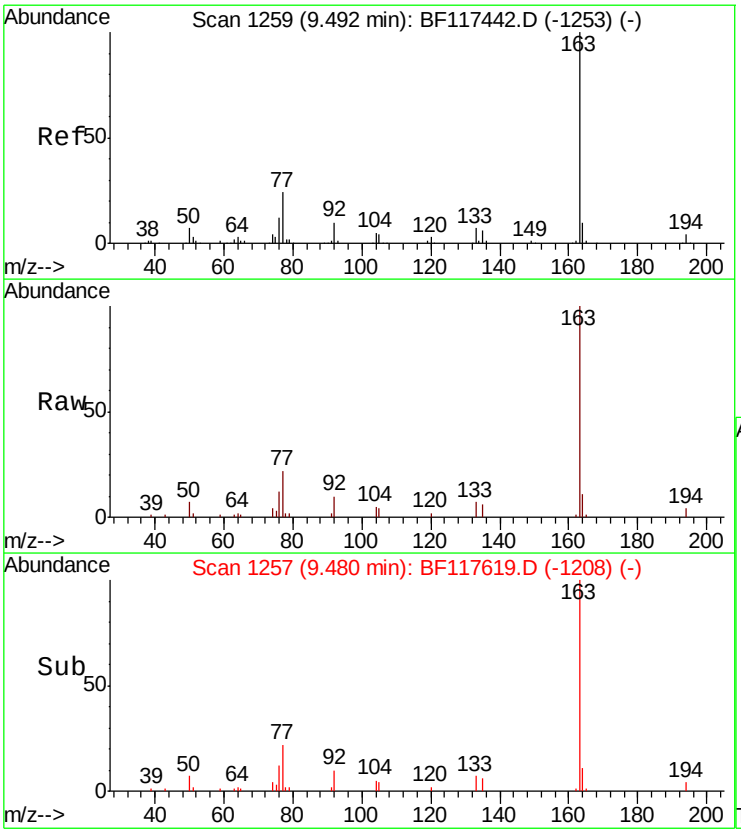
#45
2-Fluorobiphenyl
Concen: 67.910 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 348769

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.5	41.3
170	22.3	18.6	27.8

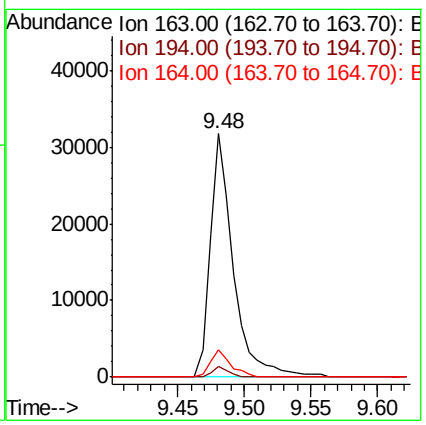


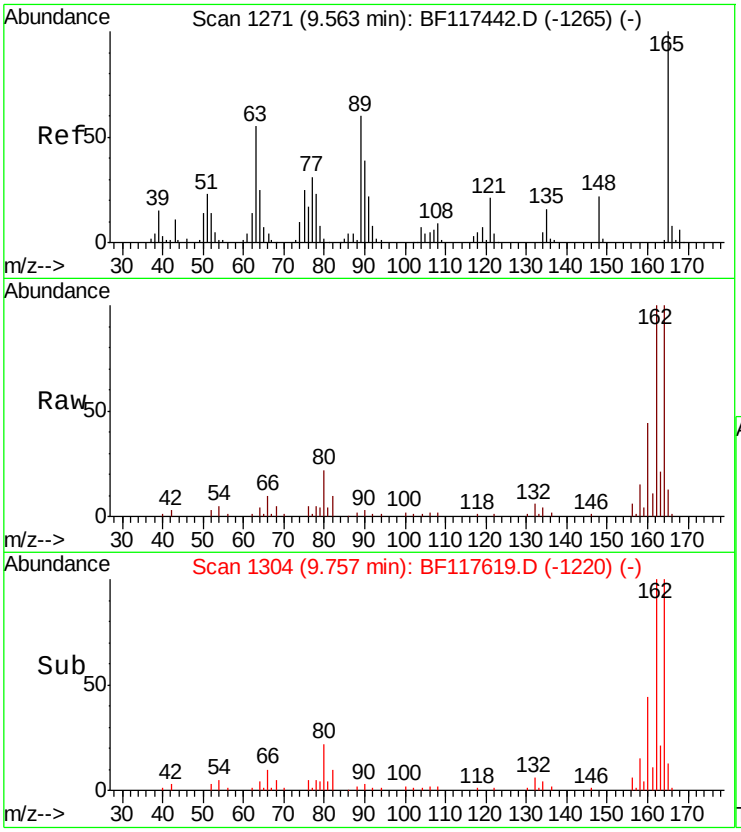


#50
Dimethylphthalate
Concen: 7.470 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Tgt Ion:163 Resp: 38535

Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.9	4.3#
164	11.0	8.2	12.2



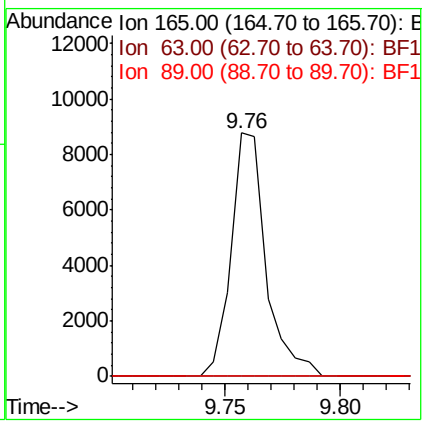


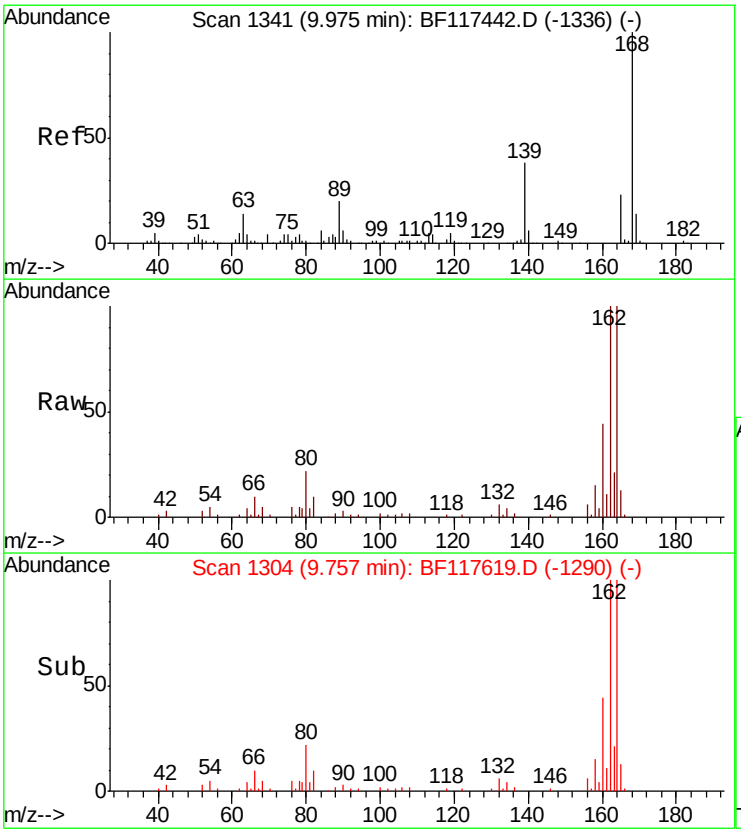
#51
2,6-Dinitrotoluene
Concen: 8.622 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.19 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9281

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

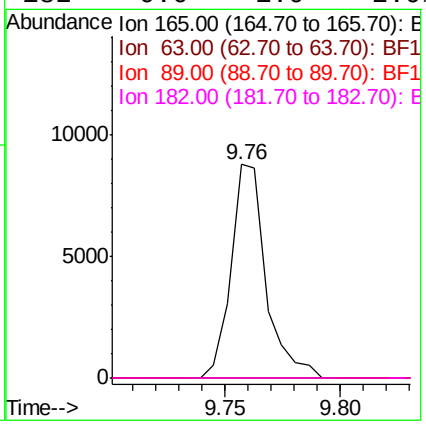


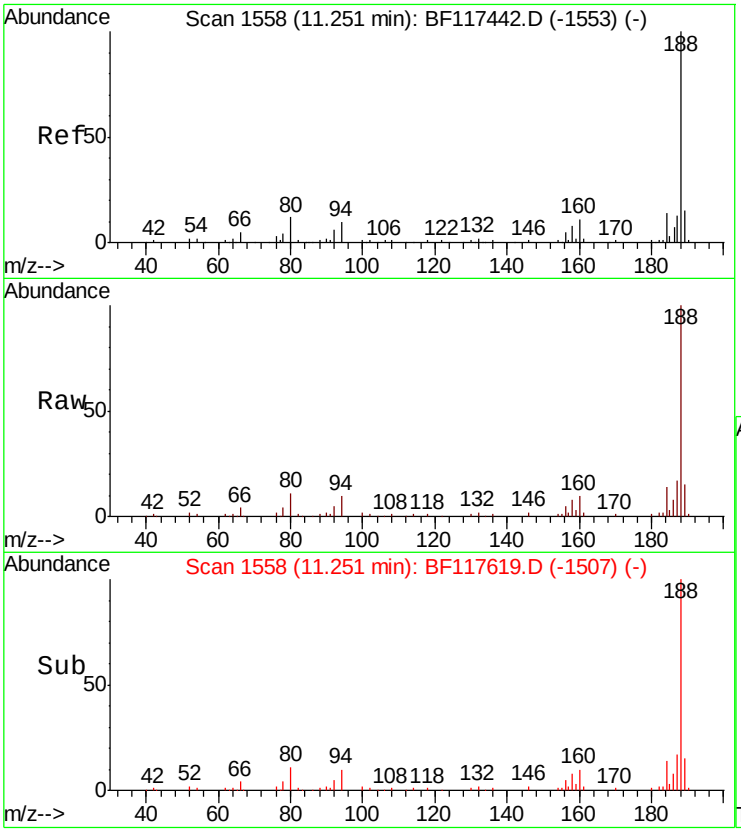


#57
2,4-Dinitrotoluene
Concen: 6.485 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.22 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Tgt Ion:165 Resp: 9281

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#



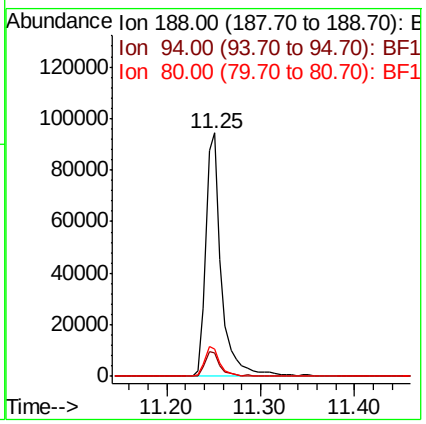


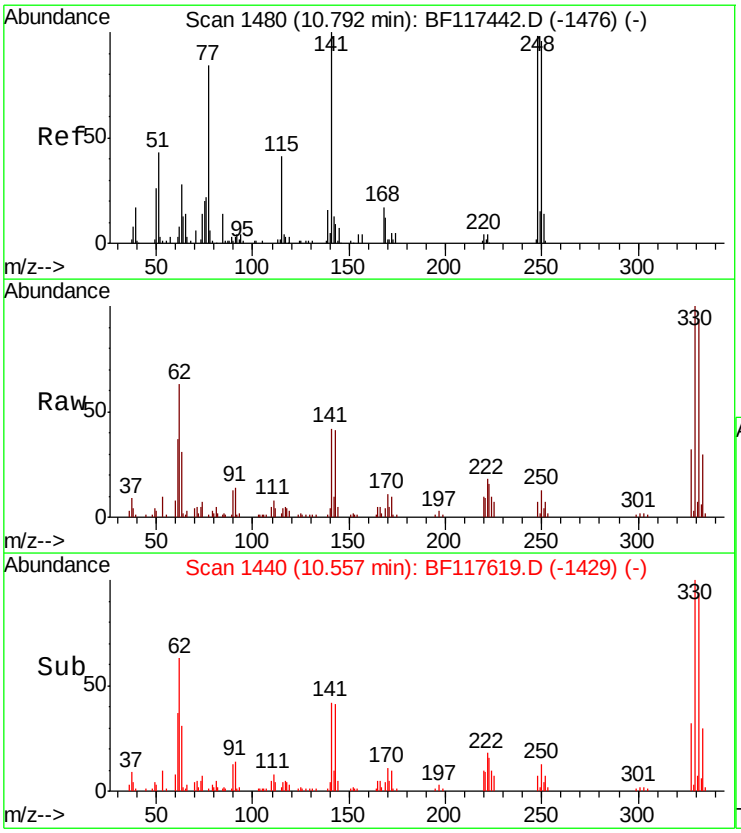
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 109973

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	11.0	9.5	14.3

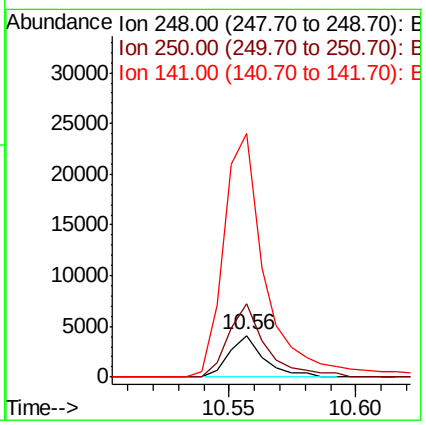


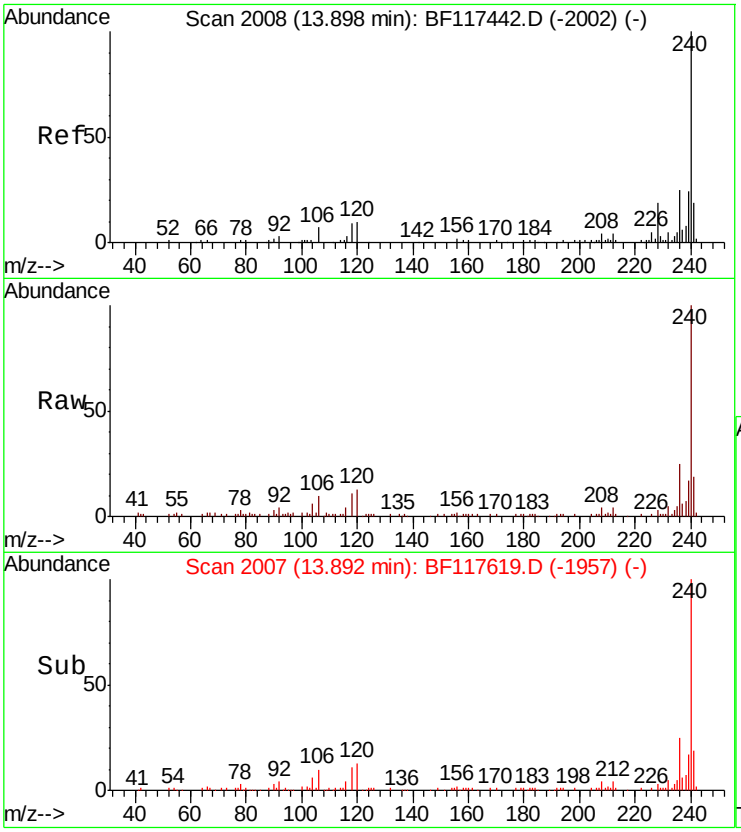


#67
4-Bromophenyl-phenylether
Concen: 3.319 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Tgt Ion:248 Resp: 3931

Ion	Ratio	Lower	Upper
248	100		
250	177.6	78.0	117.0#
141	585.8	81.7	122.5#



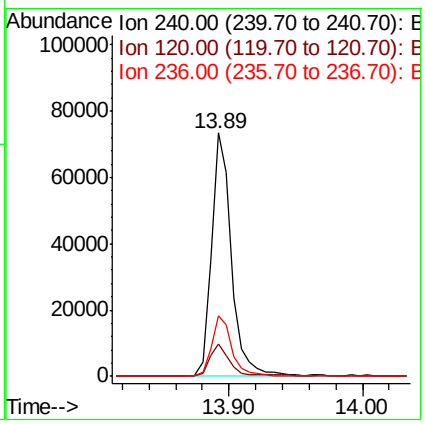


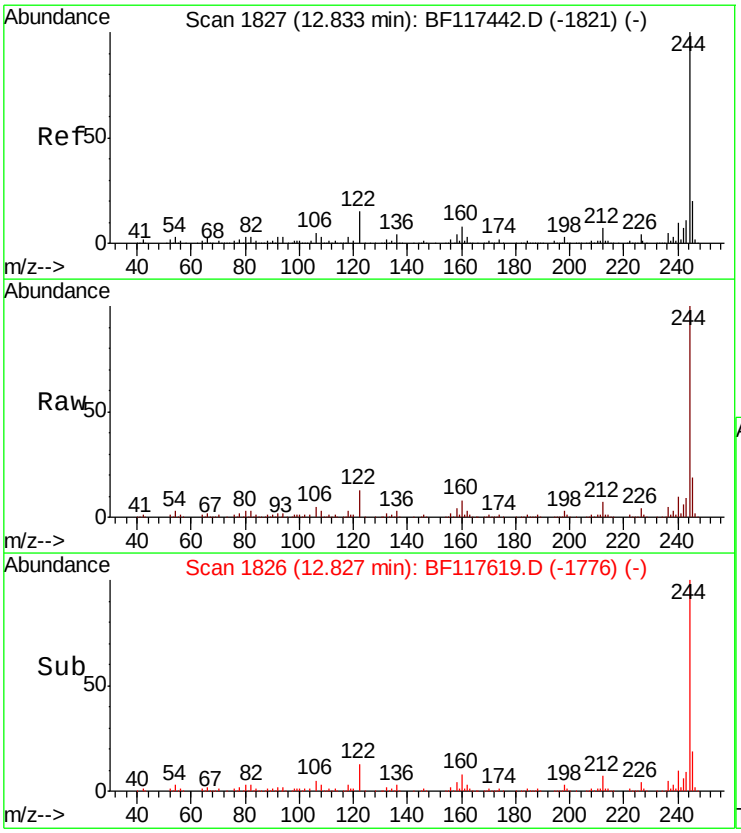
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 76974

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.4	12.6#
236	25.0	20.0	30.0

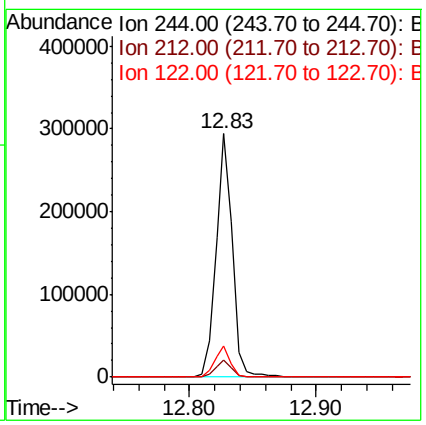


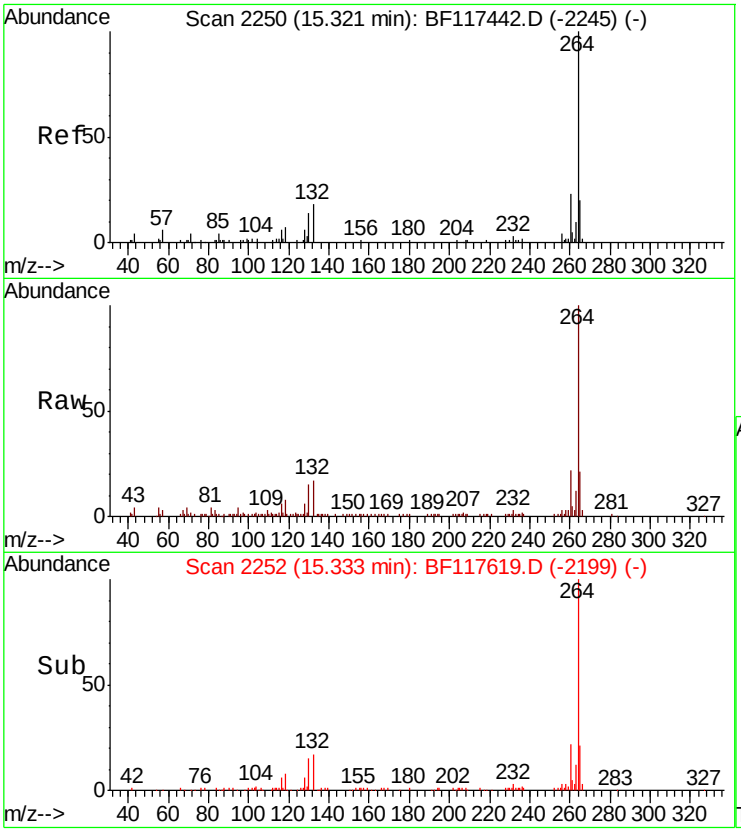


#79
Terphenyl-d14
Concen: 56.176 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117619.D
Acq: 30 Oct 2019 12:53

Tgt Ion:244 Resp: 265102

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	13.0	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: BF117619.D
Acq: 30 Oct 2019 12:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 80184

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.4	27.6
265	21.5	16.1	24.1