Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111519\
Data File : BF117799.D
Acq On : 15 Nov 2019 11:29
Operator : JU
Sample : PB124591BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB124591BL

Quant Time: Nov 15 16:35:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	295607	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1145490	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	626191	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1199053	20.00	ng	0.00
76) Chrysene-d12	14.11	240	904169	20.00	ng	0.00
87) Perylene-d12	15.62	264	845510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1466615	87.82	ng	0.00
7) Phenol-d6	6.54	99	1223616	60.75	ng	0.00
23) Nitrobenzene-d5	7.49	82	1848694	95.94	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	948890	143.13	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	3189647	91.38	ng	0.00
79) Terphenyl-d14	13.06	244	3943345	79.71	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.54	77	2163	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.49	70	254834	20.507	ng	# 77
25) Isophorone	7.49	82	1839764	52.091	ng	# 62
51) 2,6-Dinitrotoluene	9.97	165	81803	8.524	ng	# 23
57) 2,4-Dinitrotoluene	9.97	165	81803	6.701	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	61834	4.779	ng	# 1
75) Fluoranthene	12.68	202	923	Below Cal		63

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

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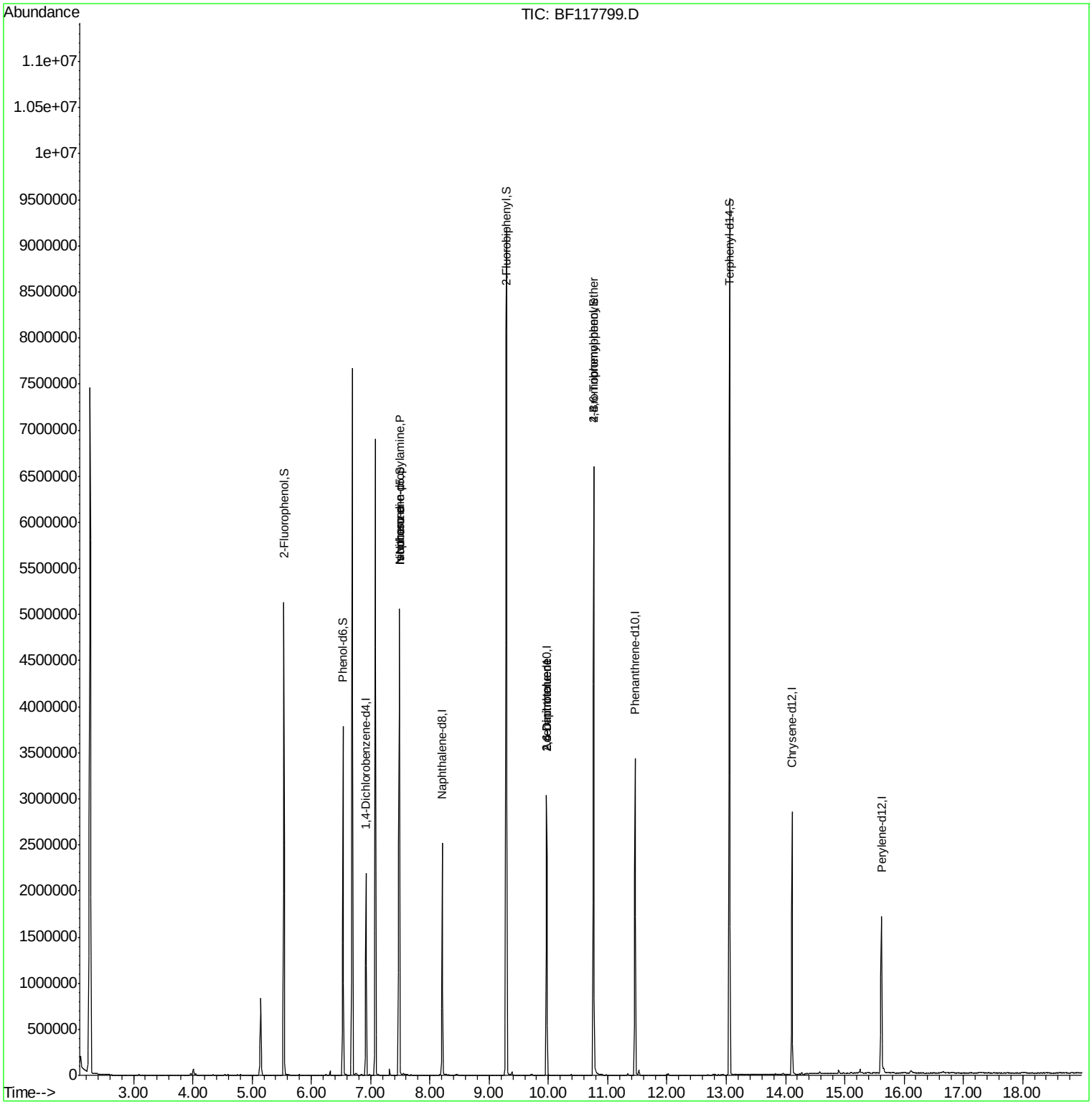
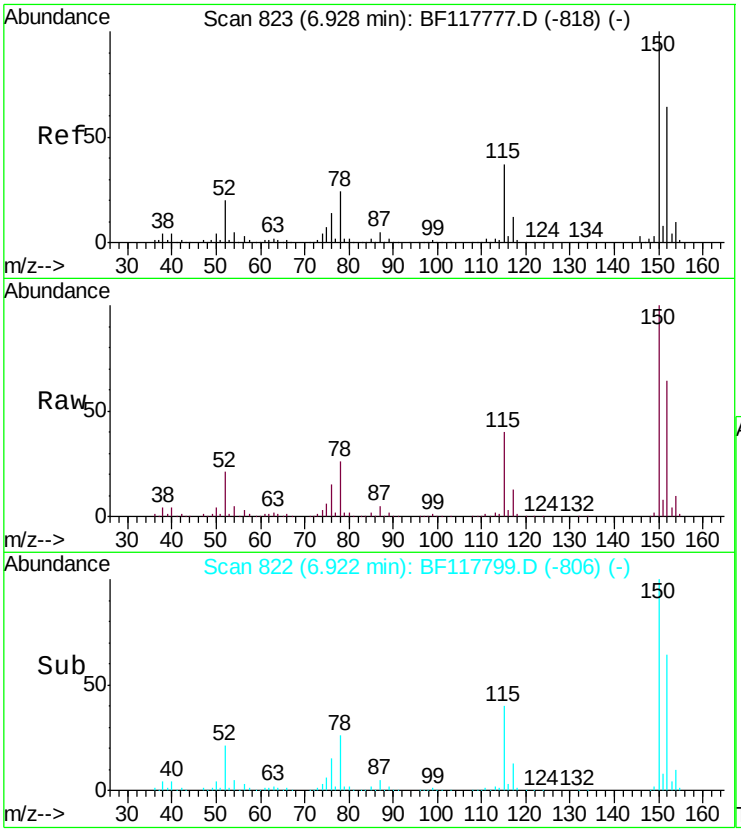


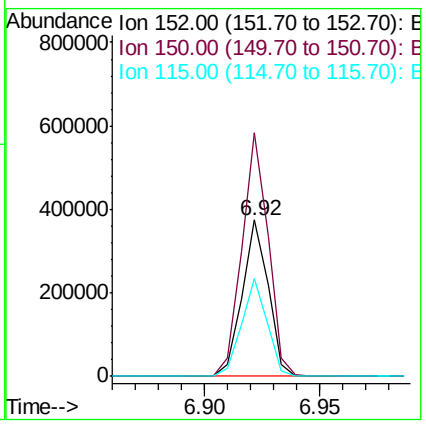


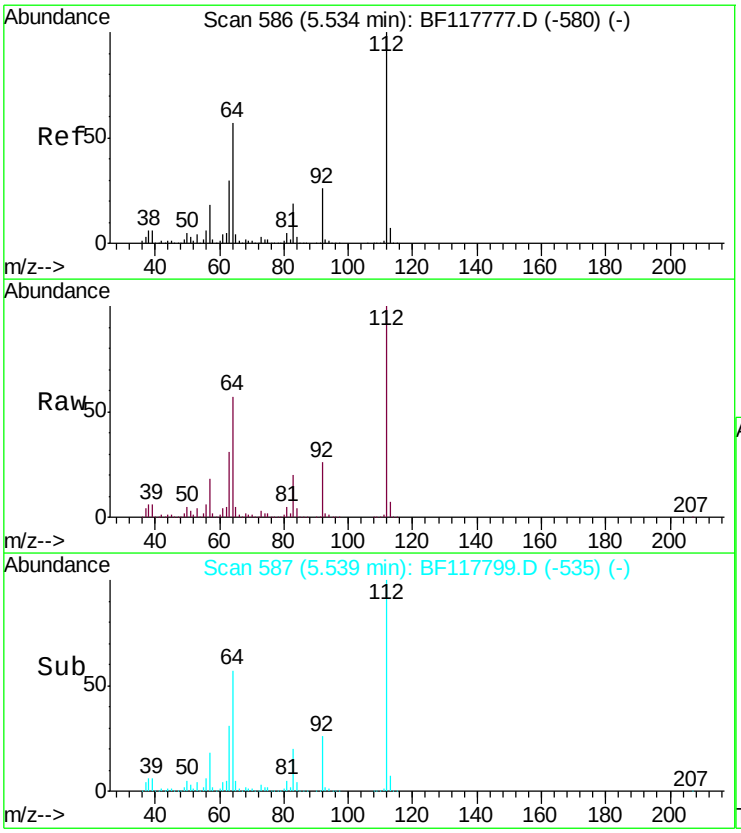
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Instrument :
BNA_F
ClientSampleId :
PB124591BL

Tgt Ion:152 Resp: 295607

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.3	187.9
115	62.4	47.0	70.4

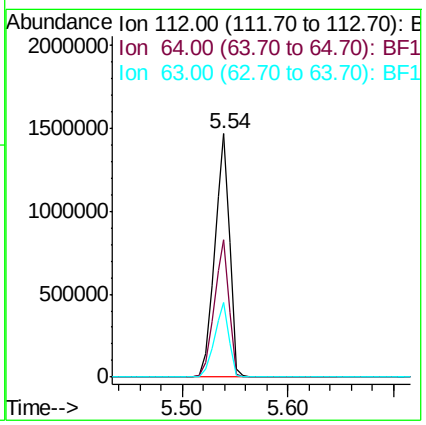


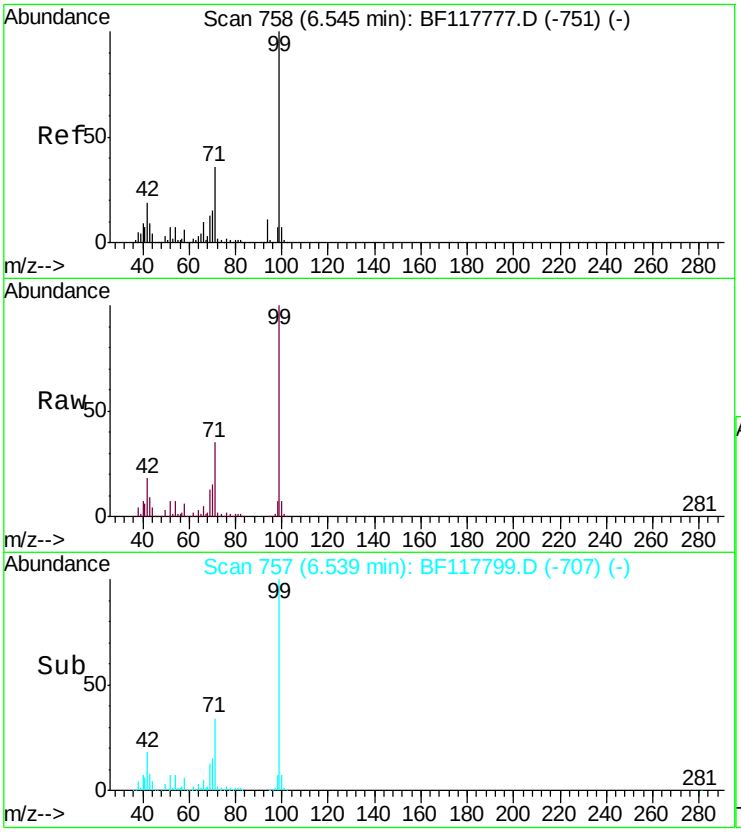


#5
2-Fluorophenol
Concen: 87.821 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.01 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Tgt Ion:112 Resp: 1466615

Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.6	68.4
63	30.7	24.1	36.1



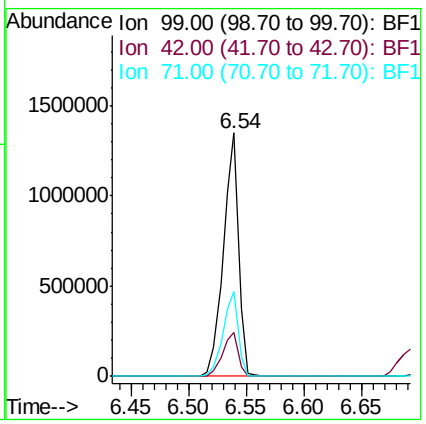


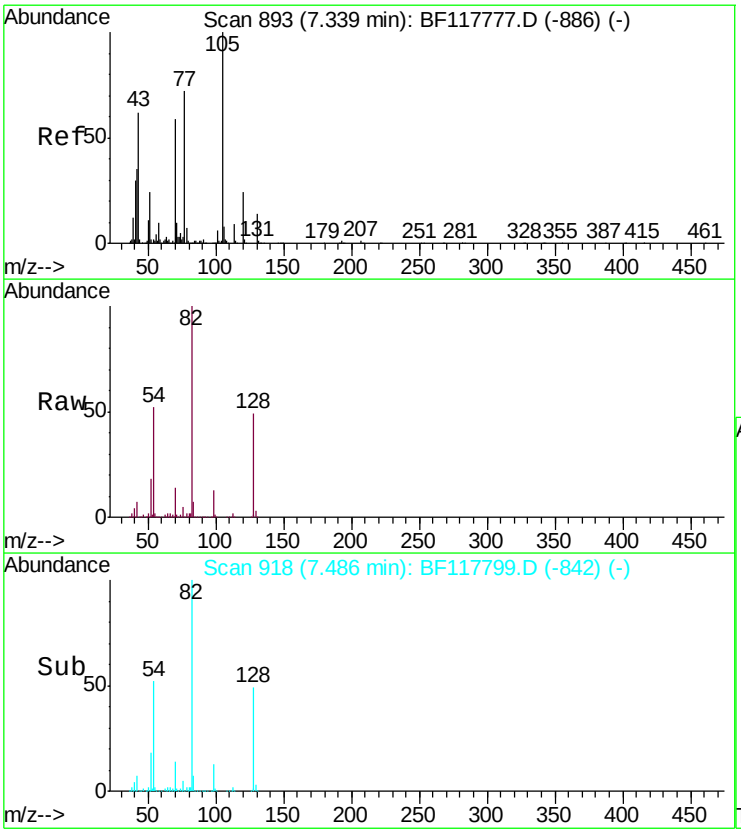
#7
Phenol-d6
Concen: 60.747 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Instrument :
BNA_F
ClientSampleId :
PB124591BL

Tgt Ion: 99 Resp: 1223616

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.9	22.3
71	34.6	28.6	43.0

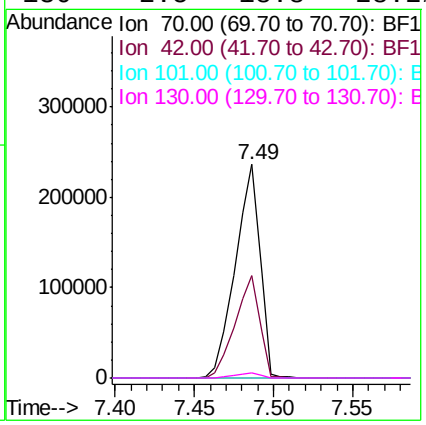


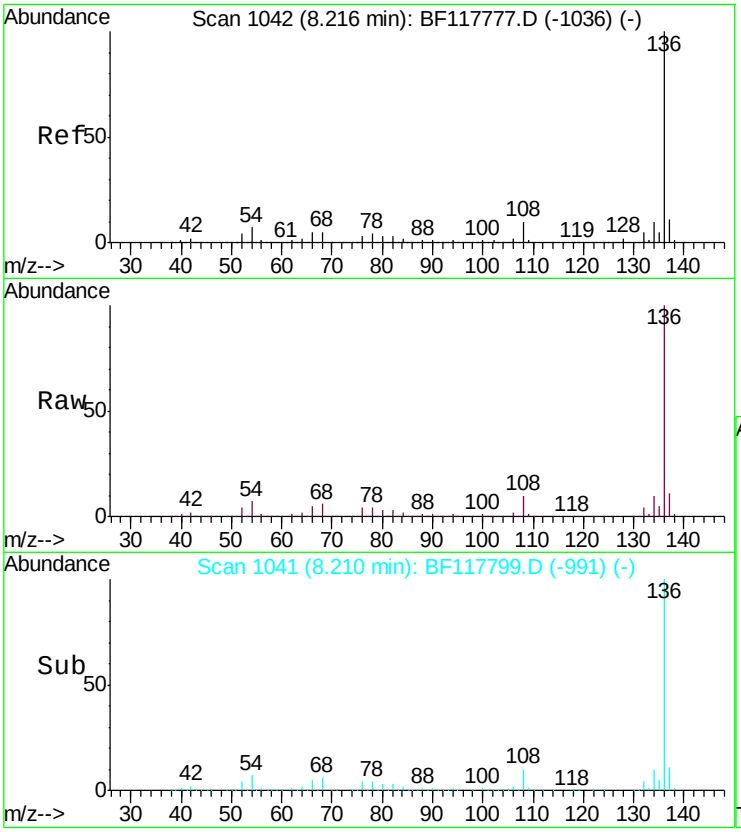


#19
n-Nitroso-di-n-propylamine
Concen: 20.507 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Tgt Ion: 70 Resp: 254834

Ion	Ratio	Lower	Upper
70	100		
42	48.2	47.4	71.2
101	0.0	8.4	12.6#
130	2.5	18.8	28.2#



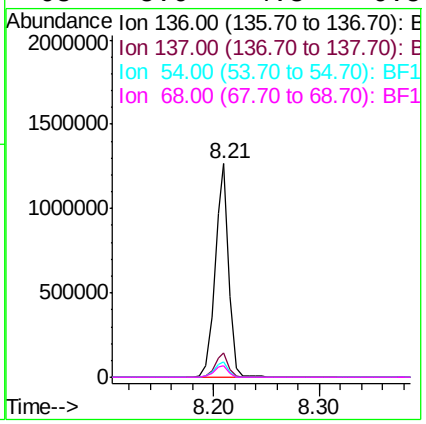


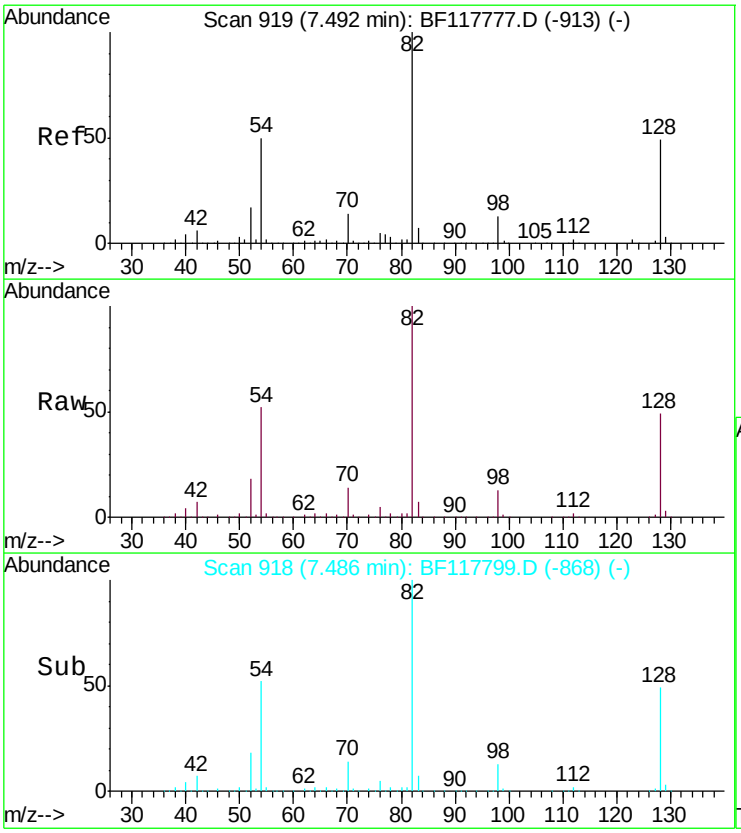
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Instrument :
BNA_F
ClientSampleId :
PB124591BL

Tgt Ion:136 Resp: 1145490

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.0	5.4	8.2
68	5.6	4.3	6.5

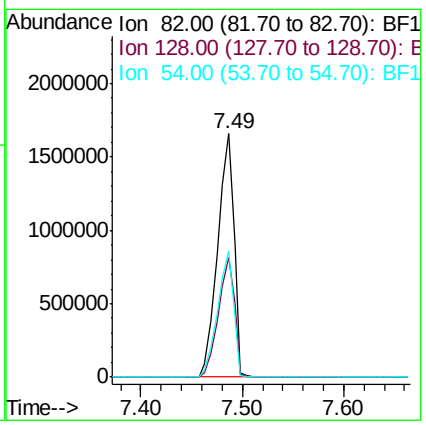


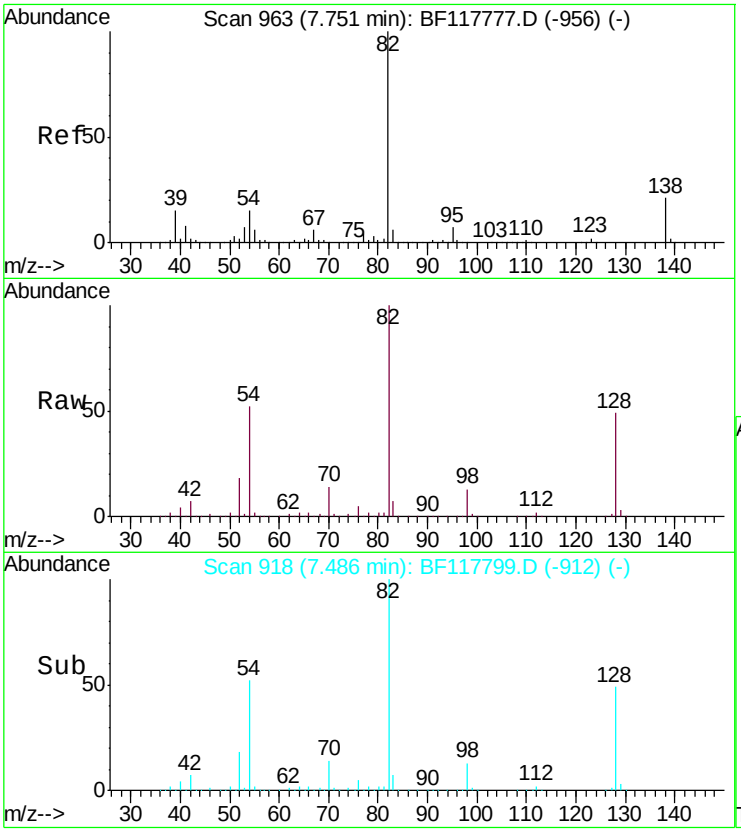


#23
Nitrobenzene-d5
Concen: 95.939 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Tgt Ion: 82 Resp: 1848694

Ion	Ratio	Lower	Upper
82	100		
128	49.1	38.9	58.3
54	51.6	39.8	59.6



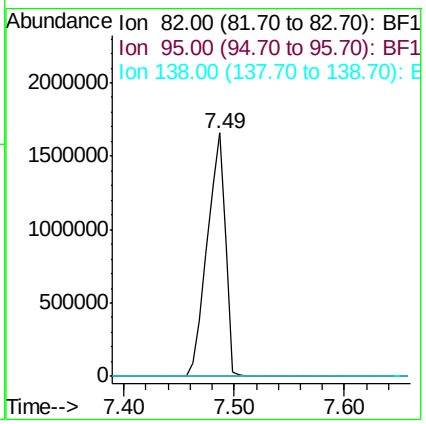


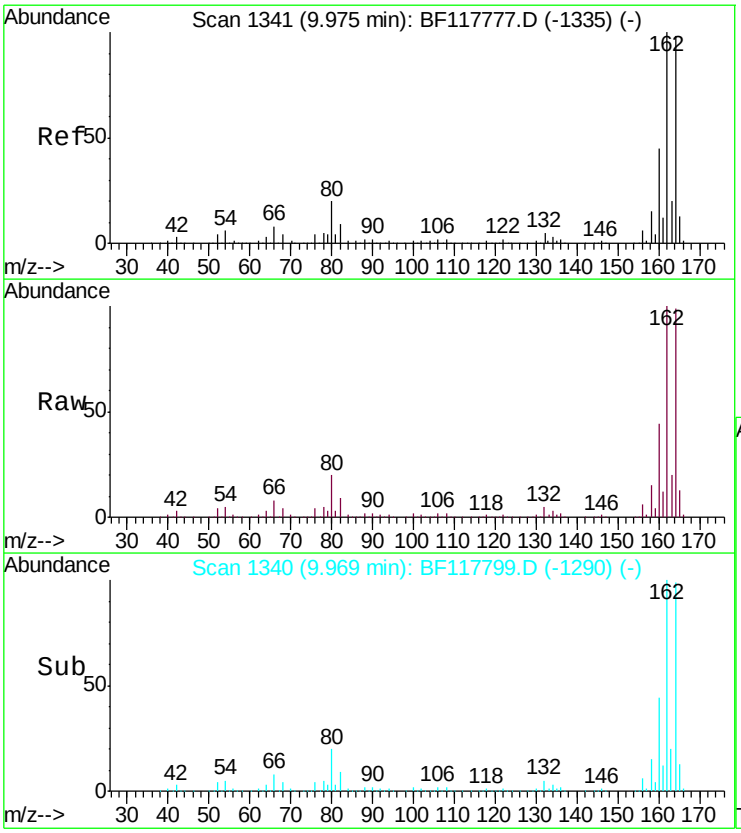
#25
Isophorone
Concen: 52.091 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.26 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Instrument :
BNA_F
ClientSampleId :
PB124591BL

Tgt Ion: 82 Resp: 1839764

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	16.5	24.7#

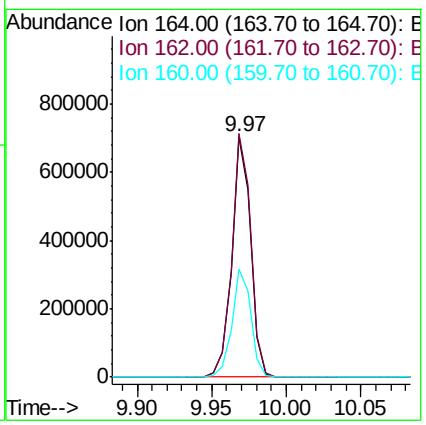


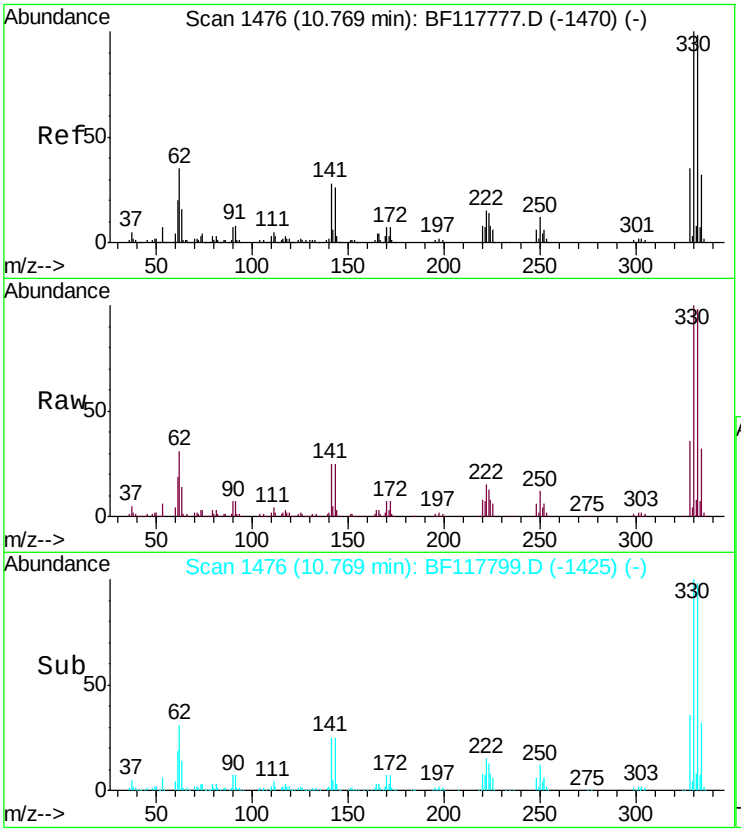


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Tgt Ion:164 Resp: 626191

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	44.9	36.6	55.0



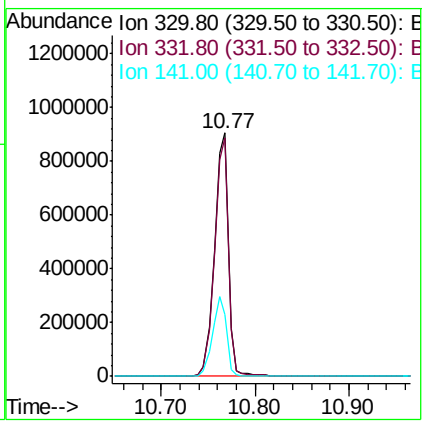


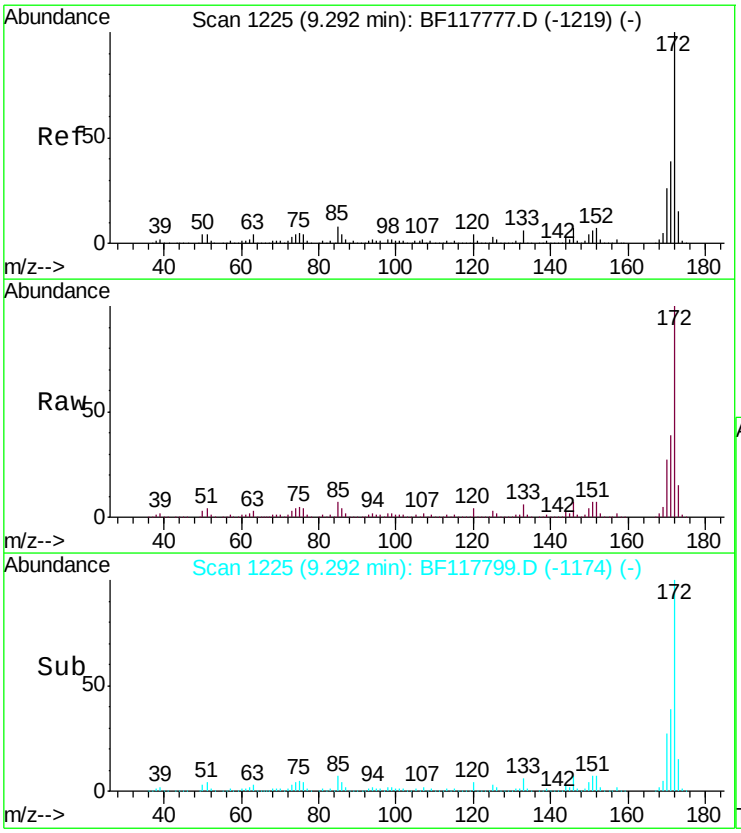
#42
2,4,6-Tribromophenol
Concen: 143.133 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Instrument :
BNA_F
ClientSampleId :
PB124591BL

Tgt Ion:330 Resp: 948890

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.7	115.1
141	33.3	27.7	41.5

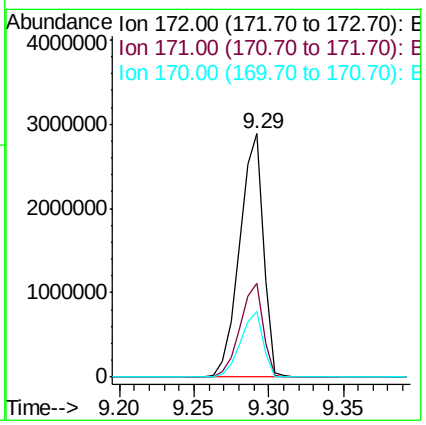


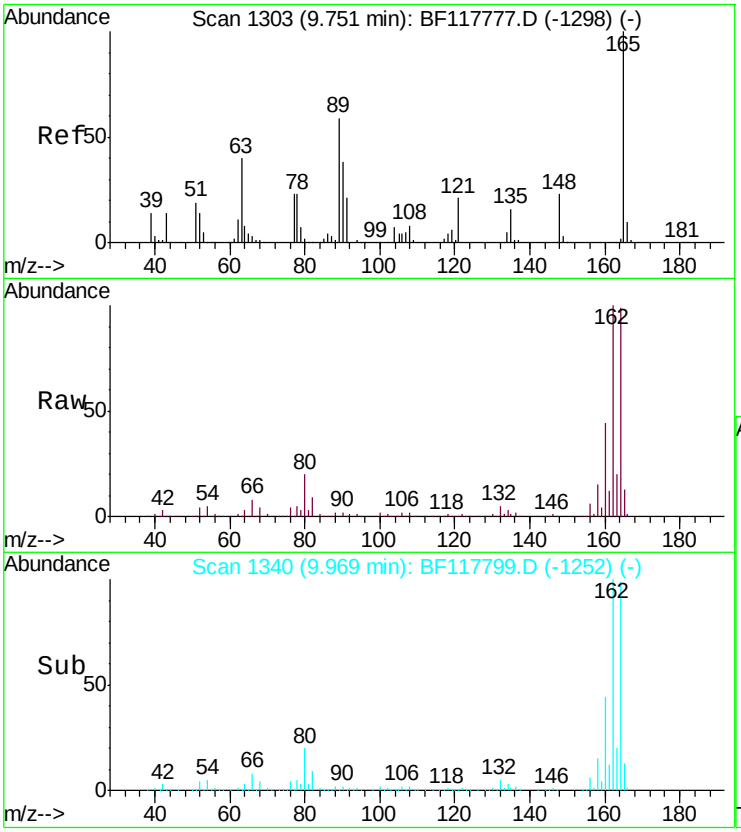


#45
2-Fluorobiphenyl
Concen: 91.383 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Tgt Ion:172 Resp: 3189647

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.9	46.3
170	26.8	21.0	31.4



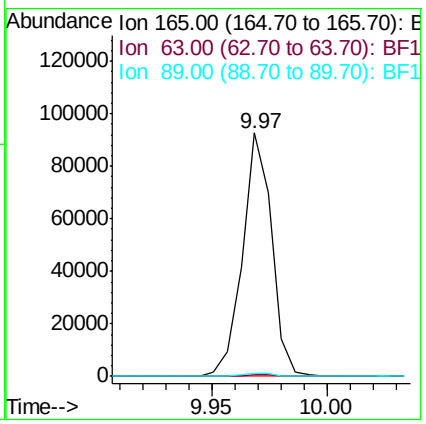


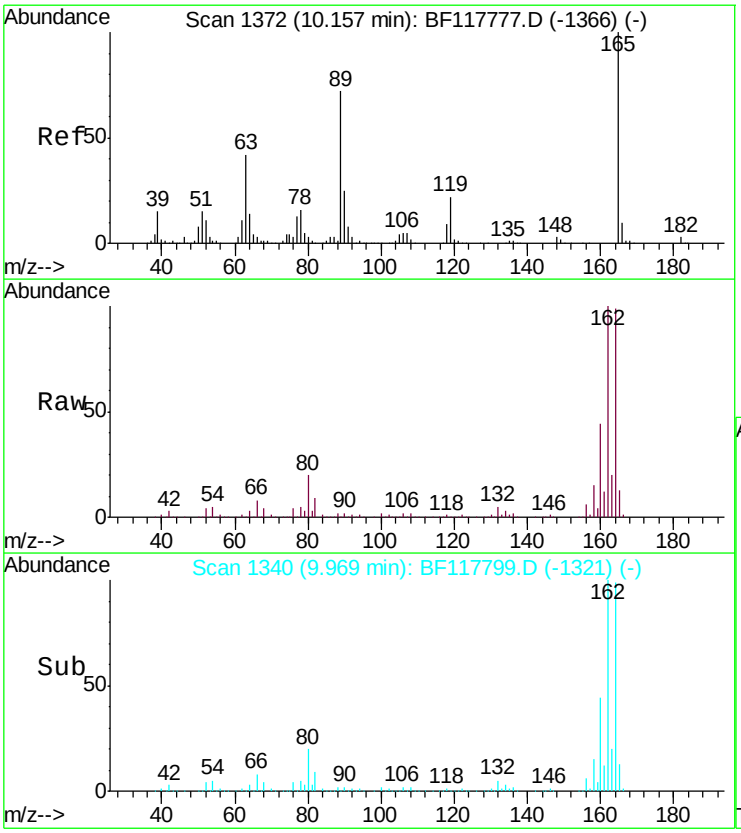
#51
2,6-Dinitrotoluene
Concen: 8.524 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.22 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Instrument :
BNA_F
ClientSampleId :
PB124591BL

Tgt Ion:165 Resp: 81803

Ion	Ratio	Lower	Upper
165	100		
63	0.9	46.0	69.0#
89	1.4	47.7	71.5#

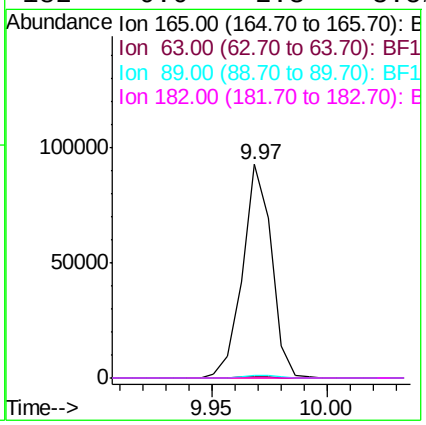


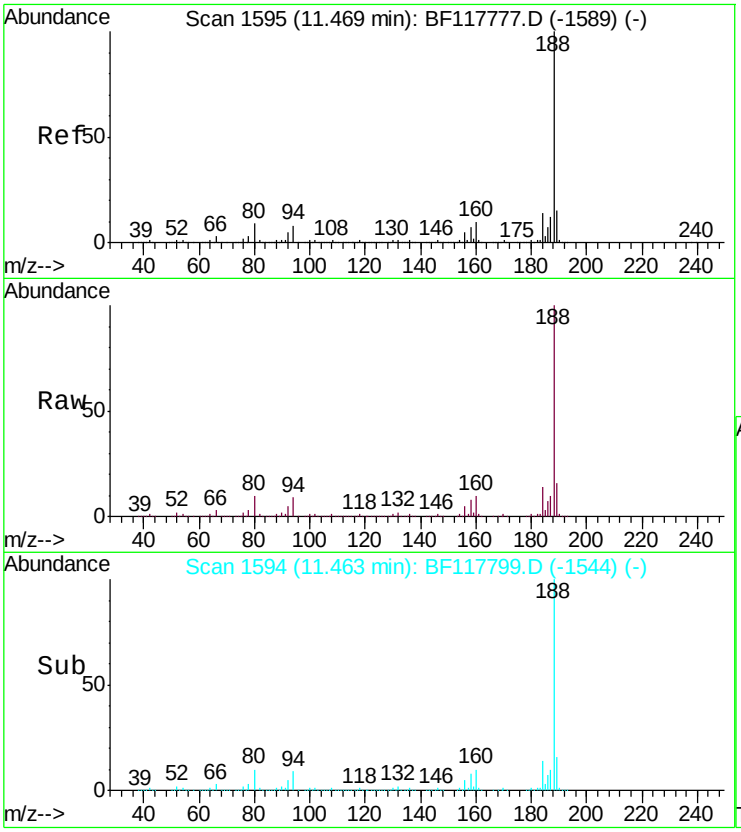


#57
2,4-Dinitrotoluene
Concen: 6.701 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.19 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Tgt Ion:165 Resp: 81803

Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.7	50.5#
89	1.4	57.3	85.9#
182	0.0	2.3	3.5#



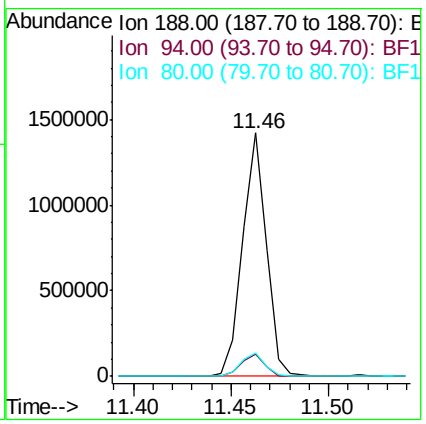


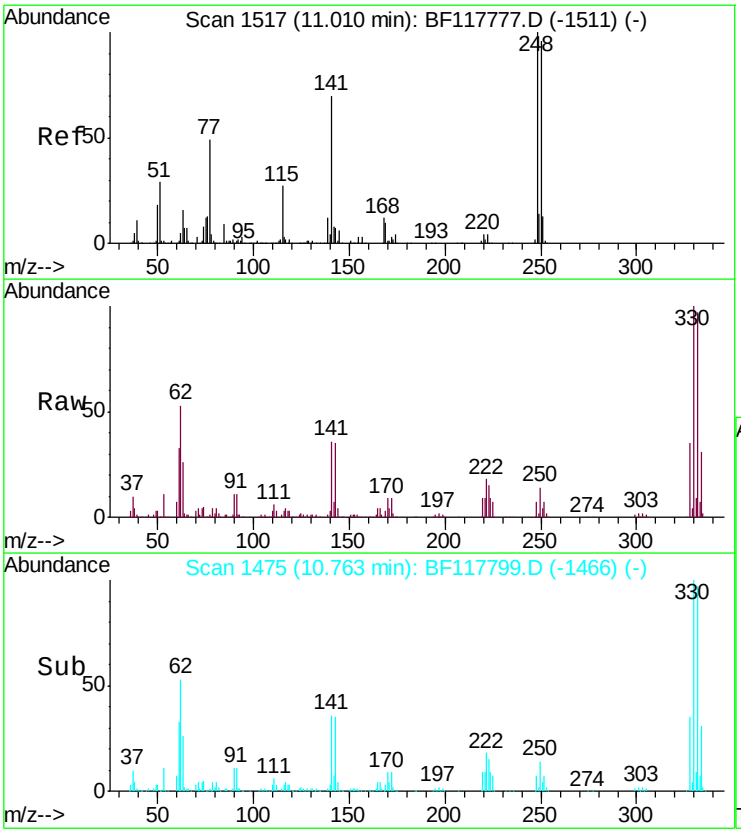
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Instrument :
BNA_F
ClientSampleId :
PB124591BL

Tgt Ion:188 Resp: 1199053

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.7	7.2	10.8

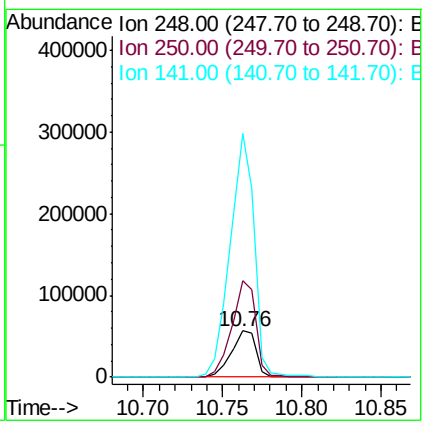


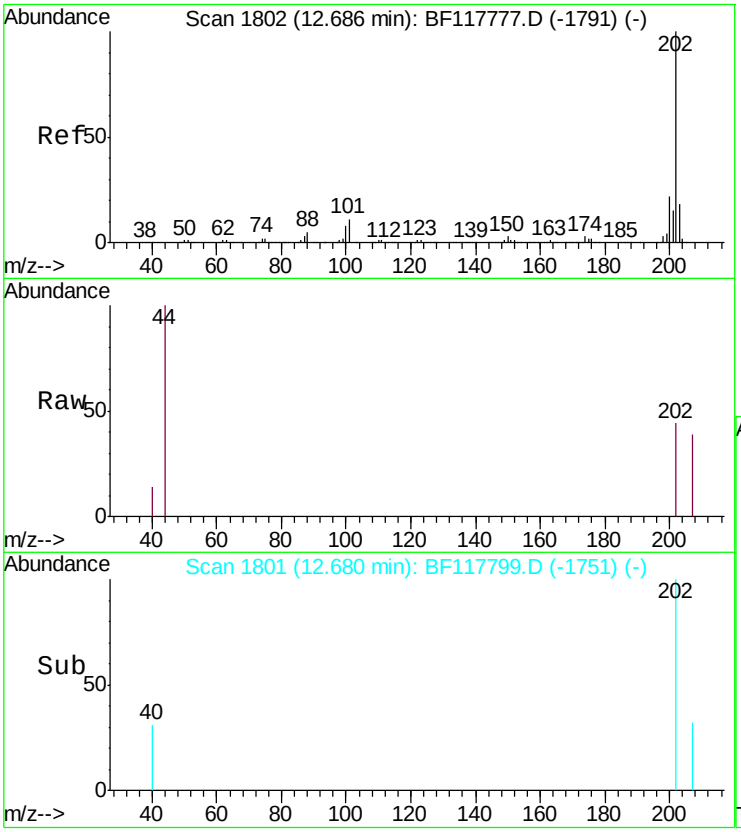


#67
4-Bromophenyl-phenylether
Concen: 4.779 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.25 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Tgt Ion:248 Resp: 61834

Ion	Ratio	Lower	Upper
248	100		
250	208.1	76.6	115.0#
141	525.3	55.9	83.9#



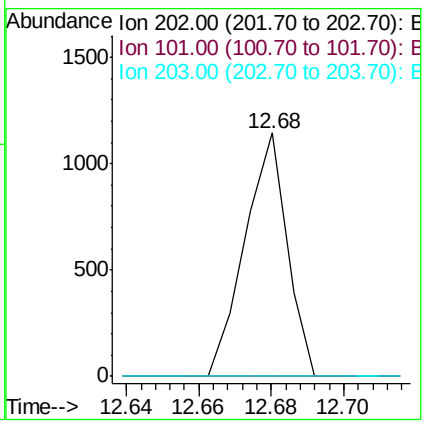


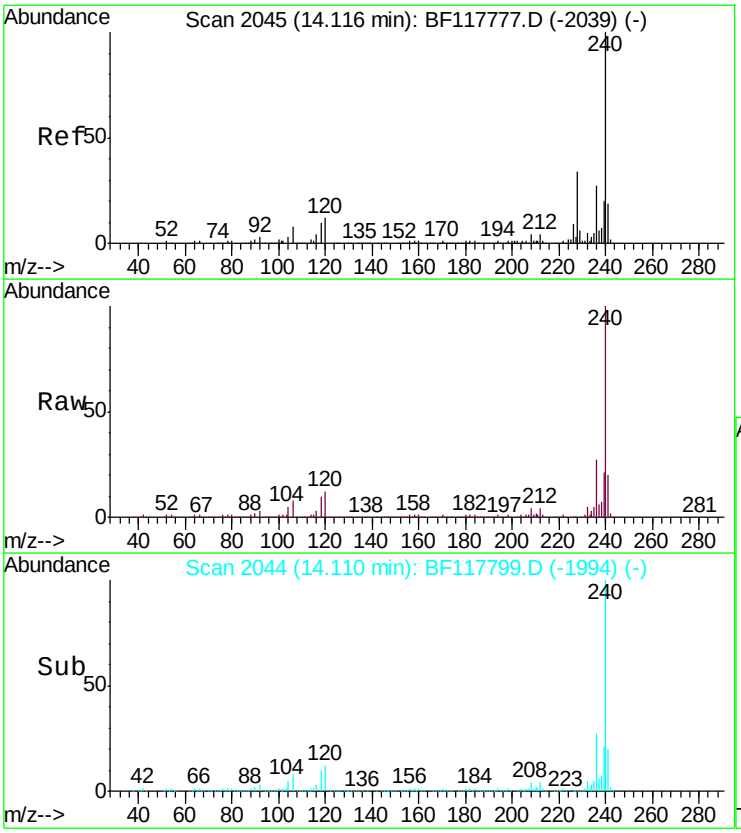
#75
Fluoranthene
Concen: Below Cal
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Instrument :
BNA_F
ClientSampleId :
PB124591BL

Tgt Ion:202 Resp: 923

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.1
203	0.0	0.0	38.2

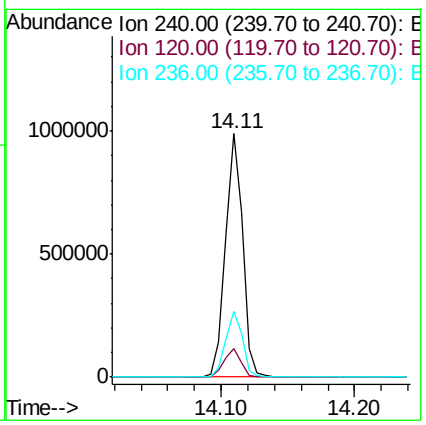


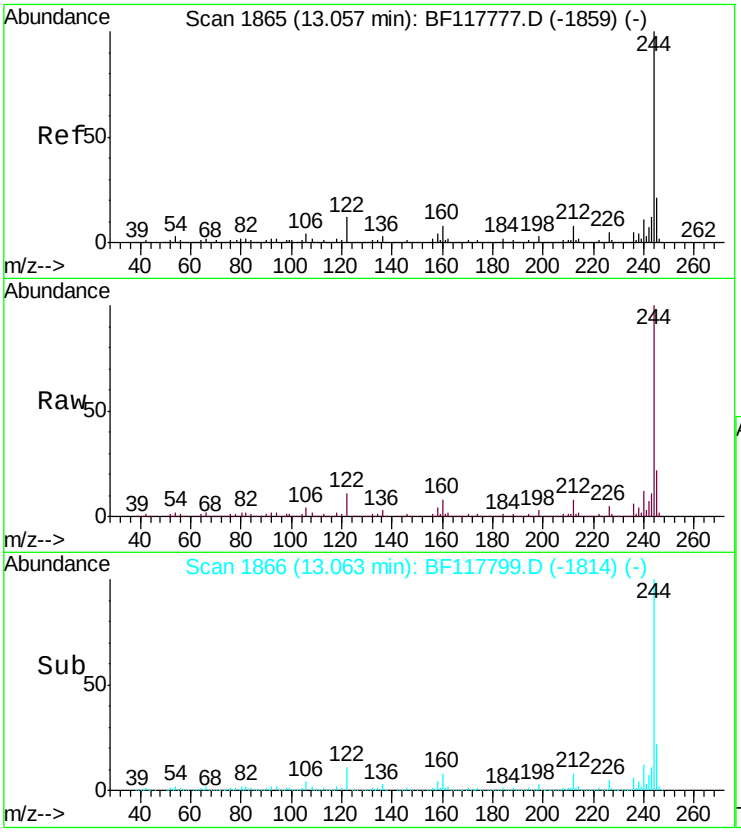


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Tgt Ion:240 Resp: 904169

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.8	21.3	31.9



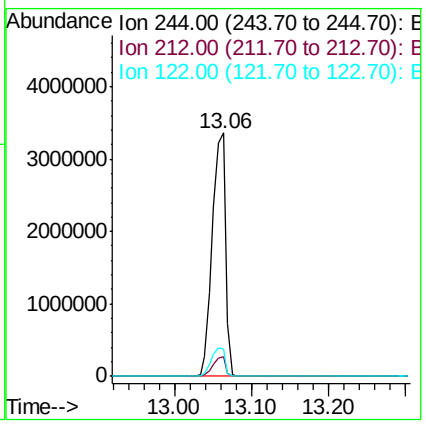


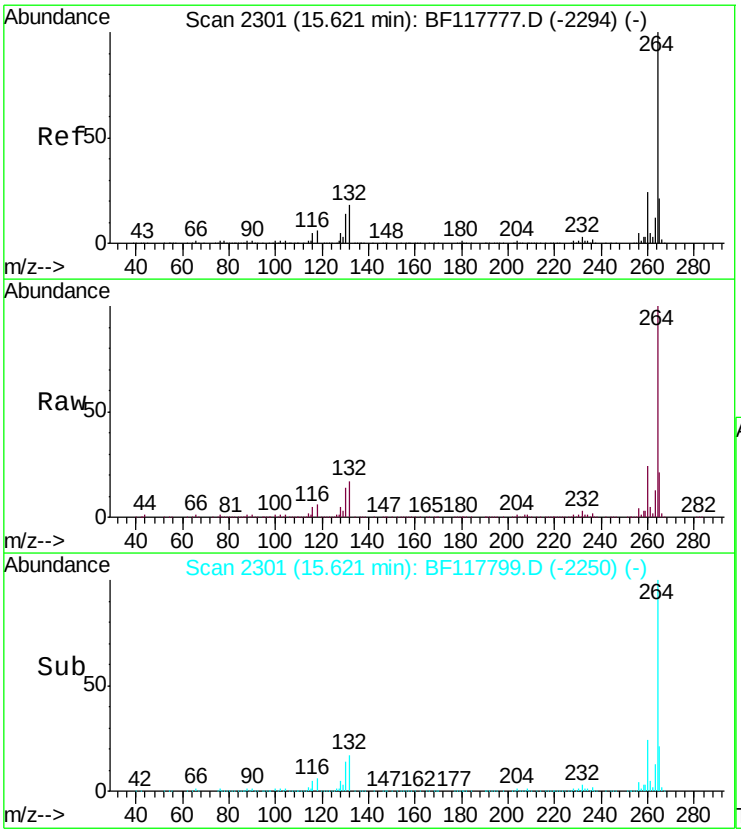
#79
Terphenyl-d14
Concen: 79.707 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.01 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Instrument :
BNA_F
ClientSampleId :
PB124591BL

Tgt Ion:244 Resp: 3943345

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	11.1	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117799.D
Acq: 15 Nov 2019 11:29

Tgt Ion:264 Resp: 845510

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.3	17.1	25.7