Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117831.D
Acq On : 18 Nov 2019 13:21
Operator : JU
Sample : PB124878BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 18 15:17:44 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	255611	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	990429	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	532522	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1047415	20.00	ng	0.00
76) Chrysene-d12	14.11	240	812540	20.00	ng	0.00
87) Perylene-d12	15.62	264	799750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1817353	125.85	ng	0.01
7) Phenol-d6	6.55	99	2326101	133.55	ng	0.00
23) Nitrobenzene-d5	7.48	82	1440066	86.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	763632	135.45	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2705323	91.14	ng	0.00
79) Terphenyl-d14	13.06	244	3292608	74.06	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.55	77	3858	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.48	70	197416	18.372	ng	# 76
25) Isophorone	7.48	82	1431548	46.879	ng	# 62
51) 2,6-Dinitrotoluene	9.97	165	68146	8.350	ng	# 23
57) 2,4-Dinitrotoluene	9.97	165	68146	6.564	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	49561	4.385	ng	# 1
75) Fluoranthene	12.68	202	270	Below Cal		63

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117831.D
Acq On : 18 Nov 2019 13:21
Operator : JU
Sample : PB124878BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 18 15:17:44 2019
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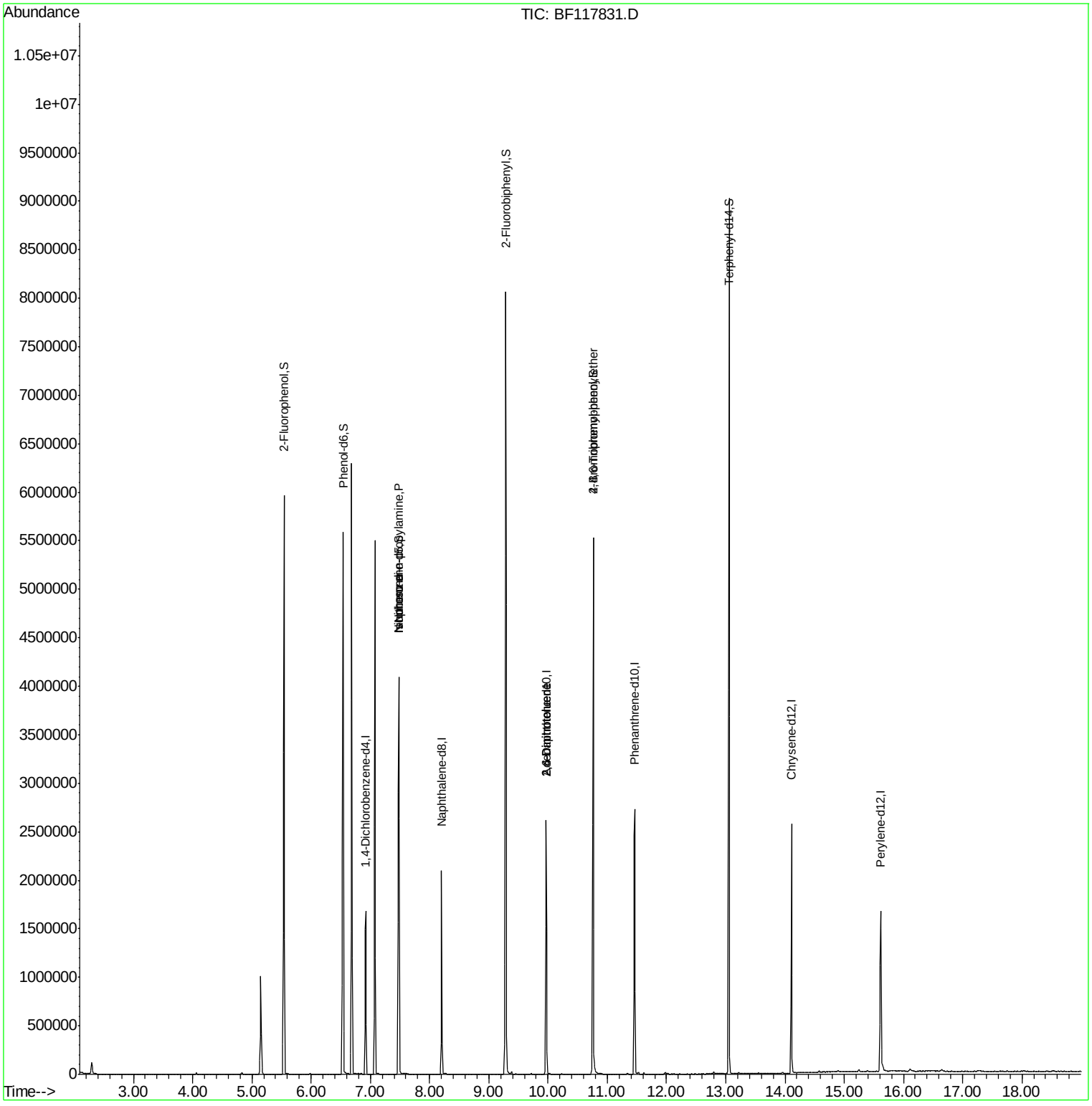
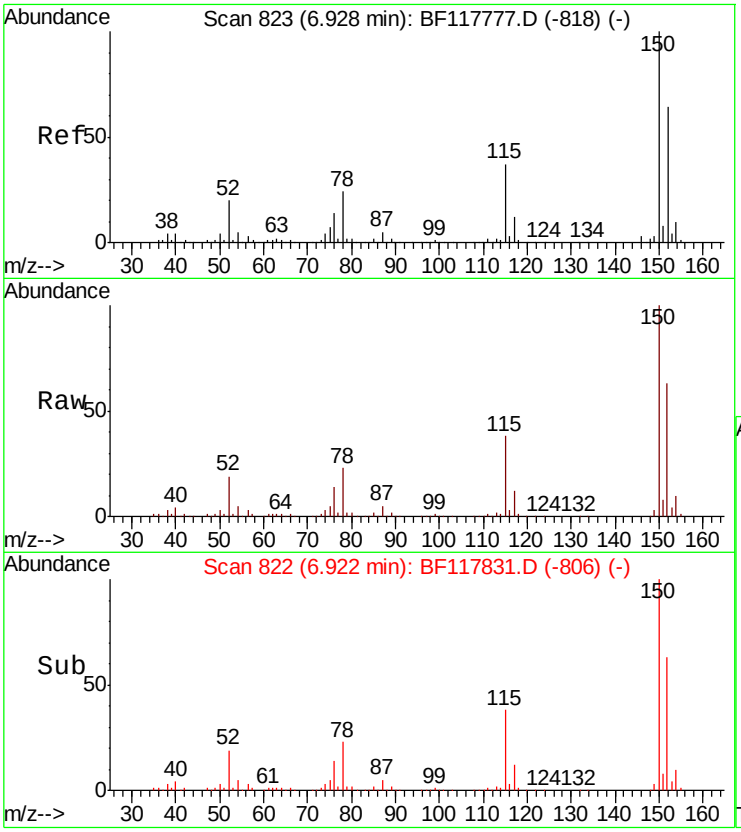
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration



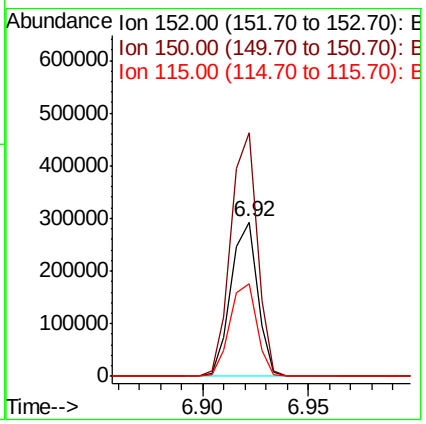


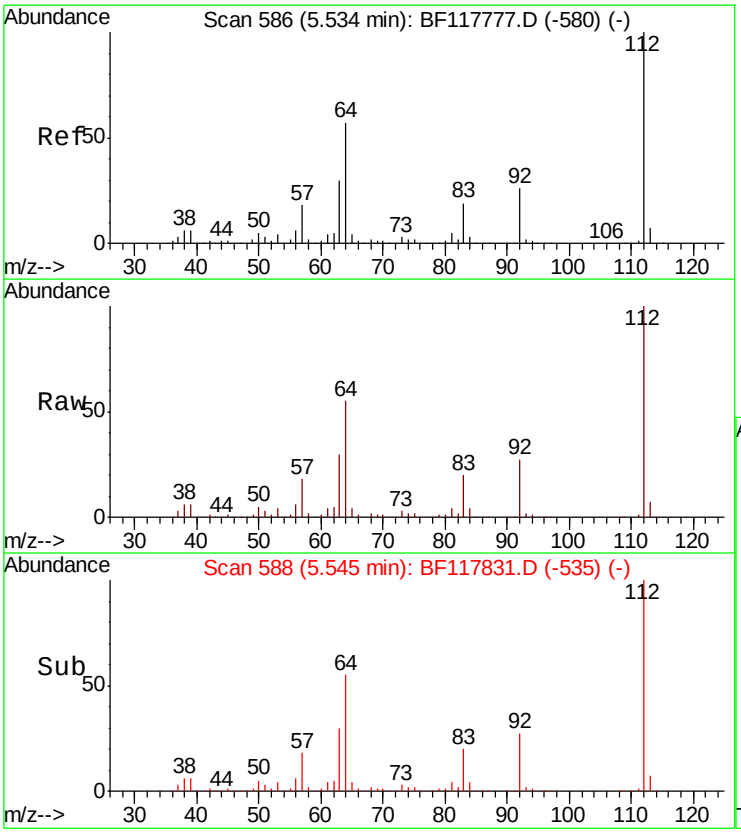
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 255611

Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.3	187.9
115	59.7	47.0	70.4

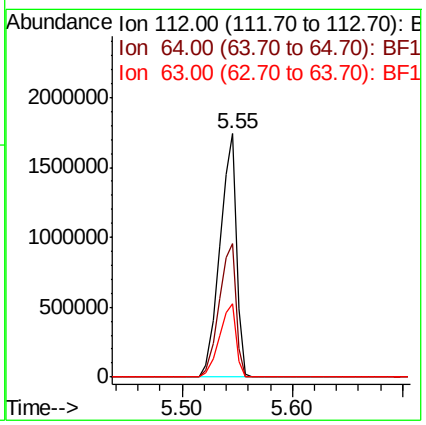


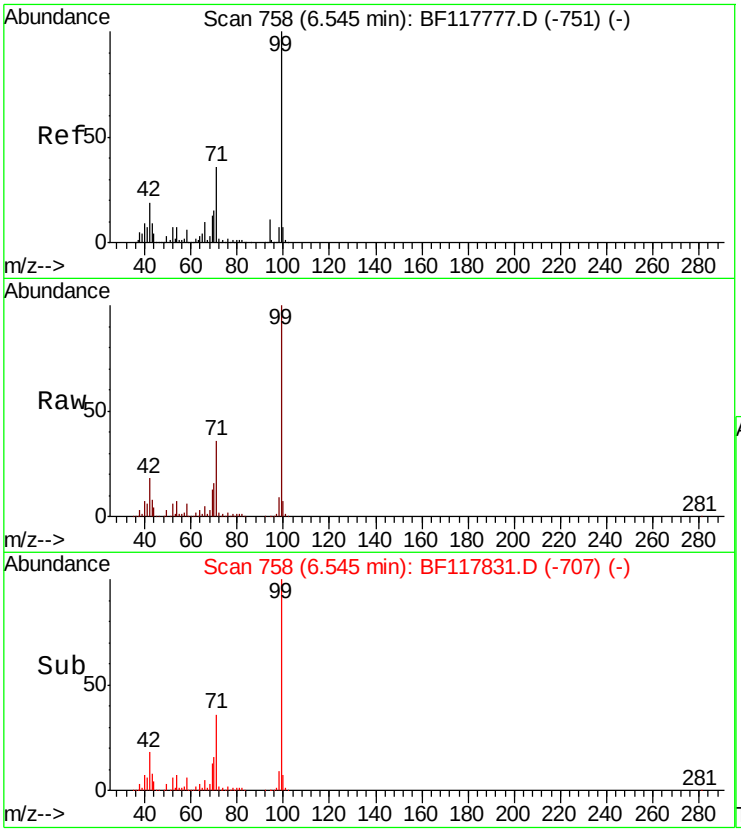


#5
2-Fluorophenol
Concen: 125.852 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Tgt Ion:112 Resp: 1817353

Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.6	68.4
63	29.9	24.1	36.1



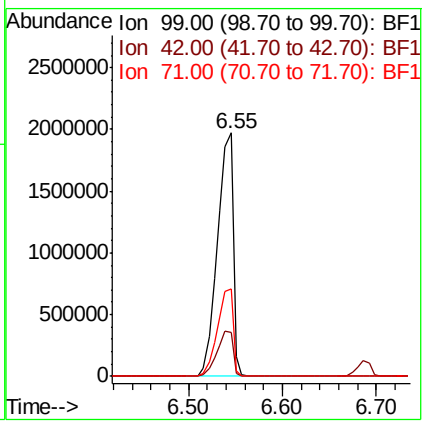


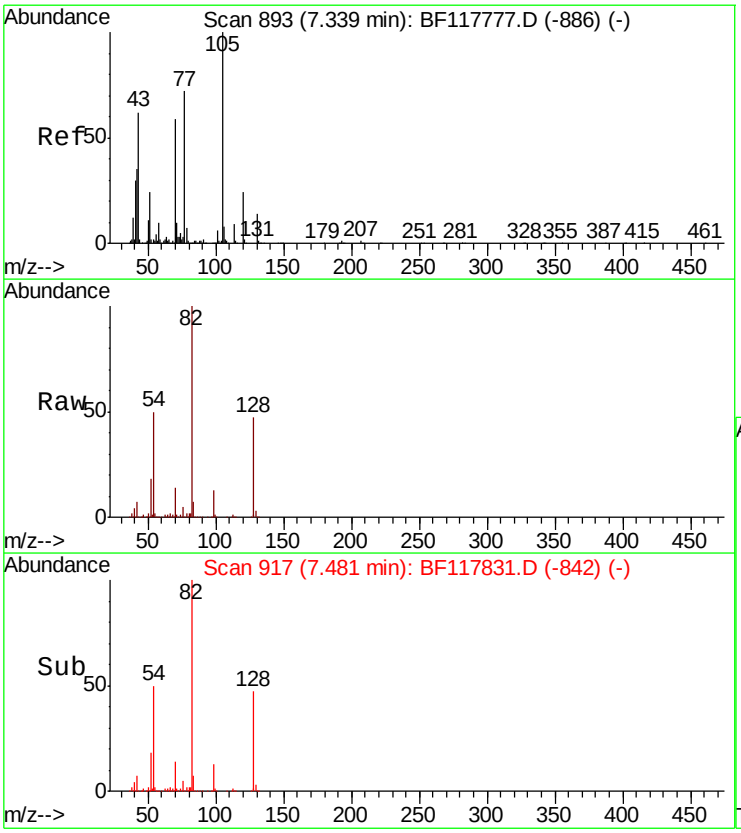
#7
Phenol-d6
Concen: 133.550 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 2326101

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.9	22.3
71	35.7	28.6	43.0

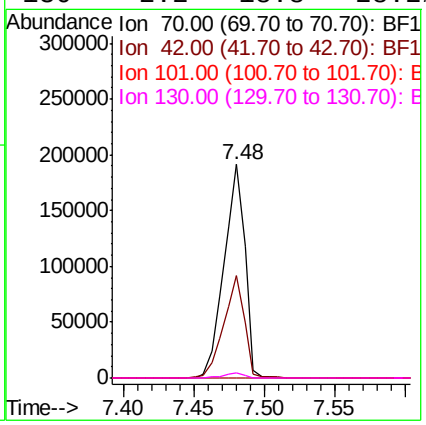


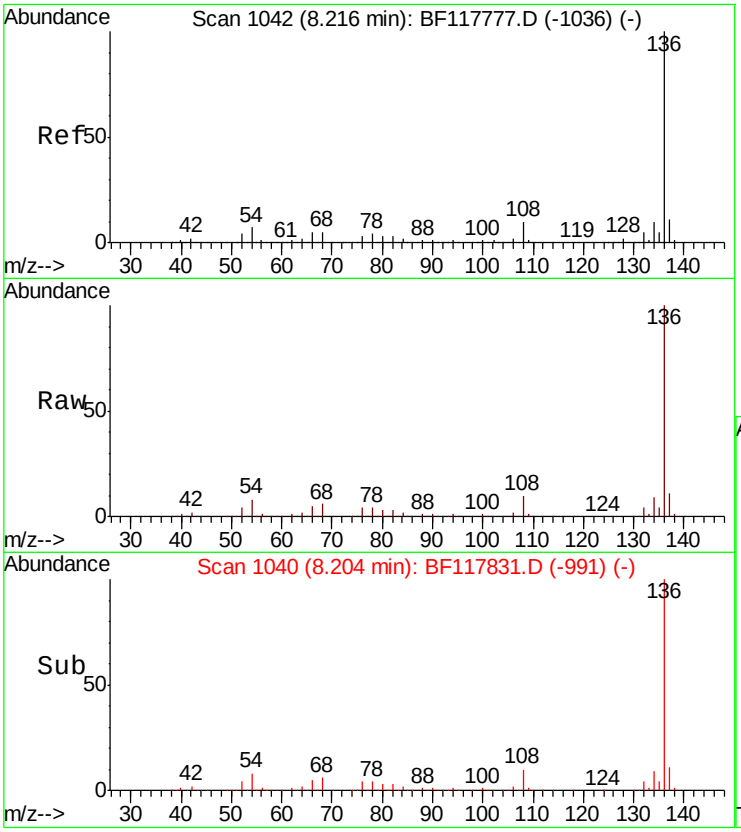


#19
n-Nitroso-di-n-propylamine
Concen: 18.372 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.14 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Tgt Ion: 70 Resp: 197416

Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.4	71.2
101	0.0	8.4	12.6#
130	2.2	18.8	28.2#



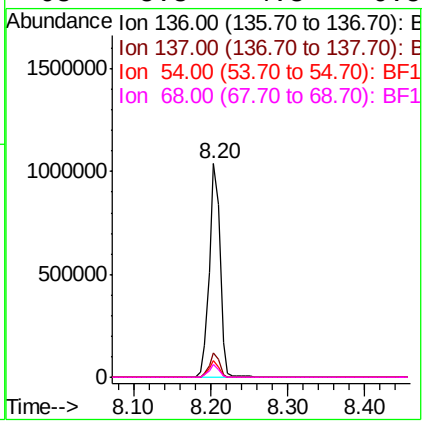


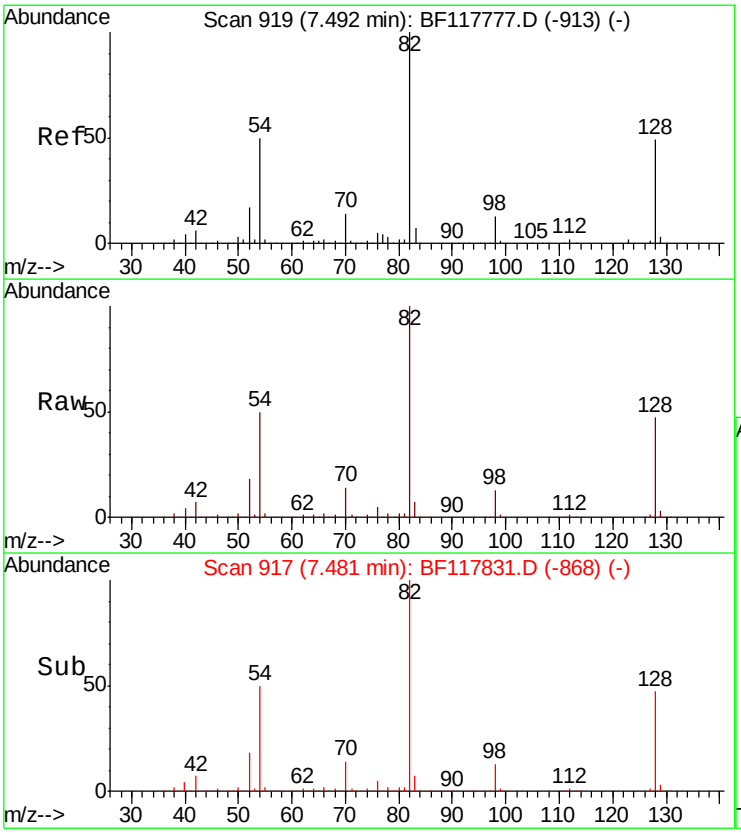
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 990429

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	7.6	5.4	8.2
68	5.8	4.3	6.5

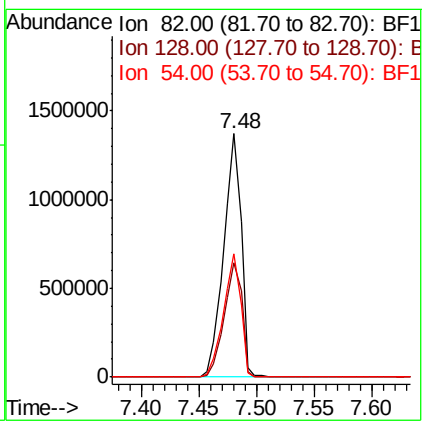


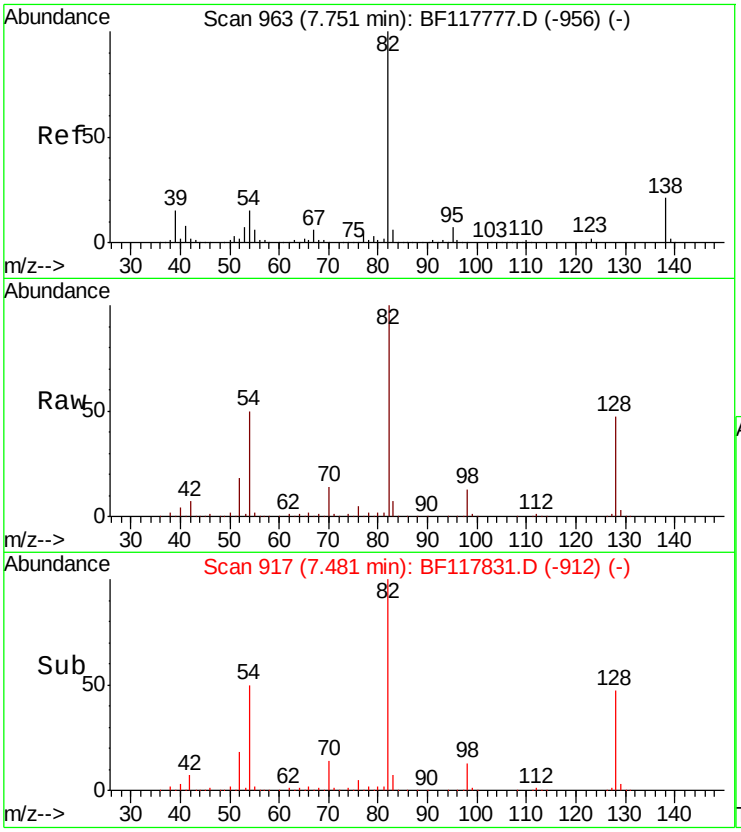


#23
Nitrobenzene-d5
Concen: 86.433 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Tgt Ion: 82 Resp: 1440066

Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.9	58.3
54	50.4	39.8	59.6



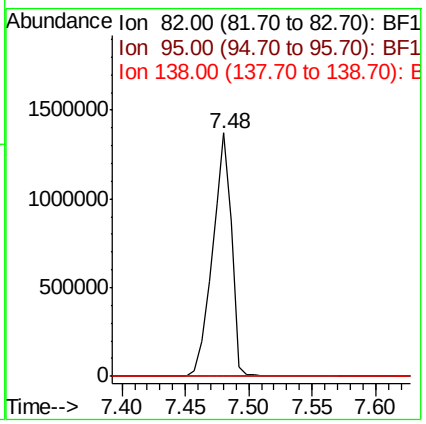


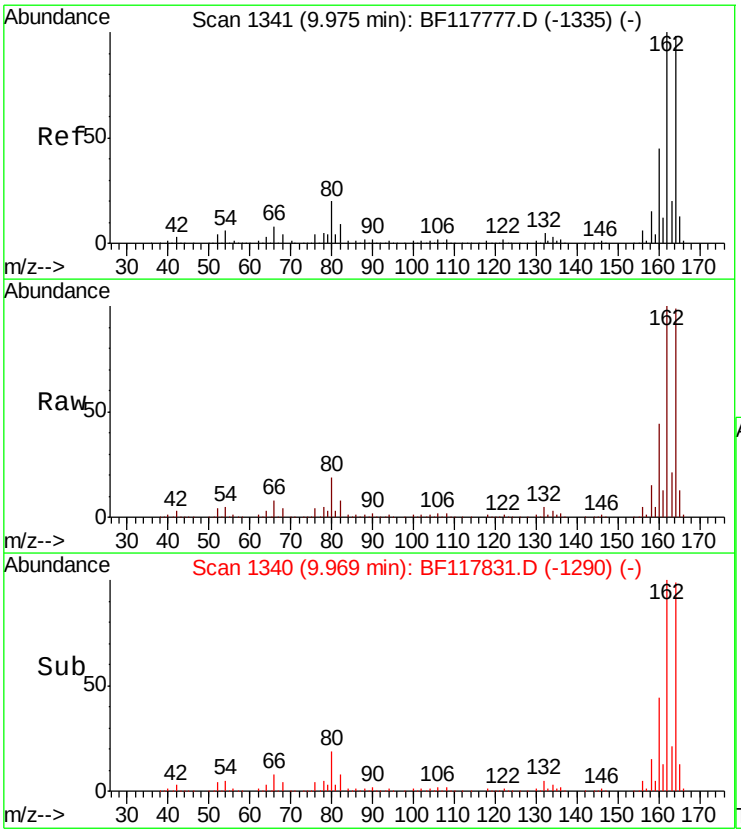
#25
Isophorone
Concen: 46.879 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.27 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1431548

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

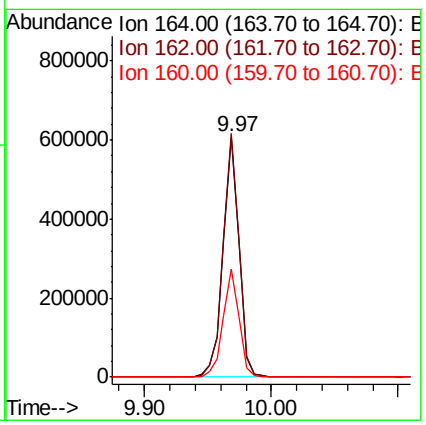


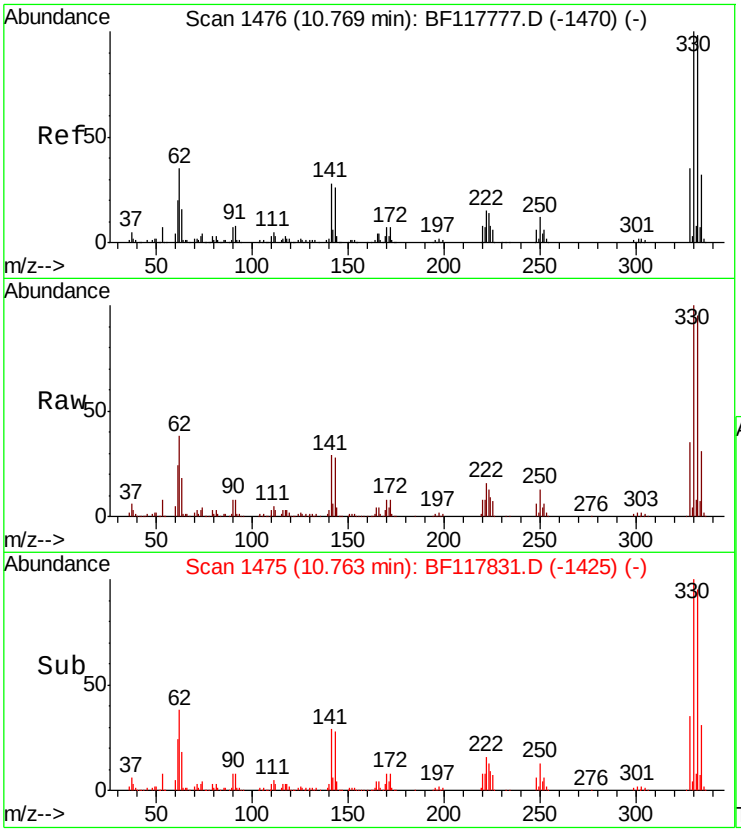


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Tgt Ion:164 Resp: 532522

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.3	121.9
160	44.7	36.6	55.0



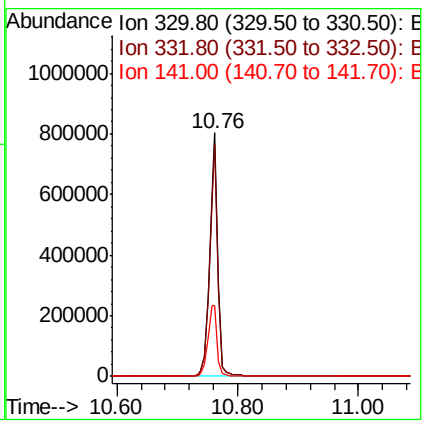


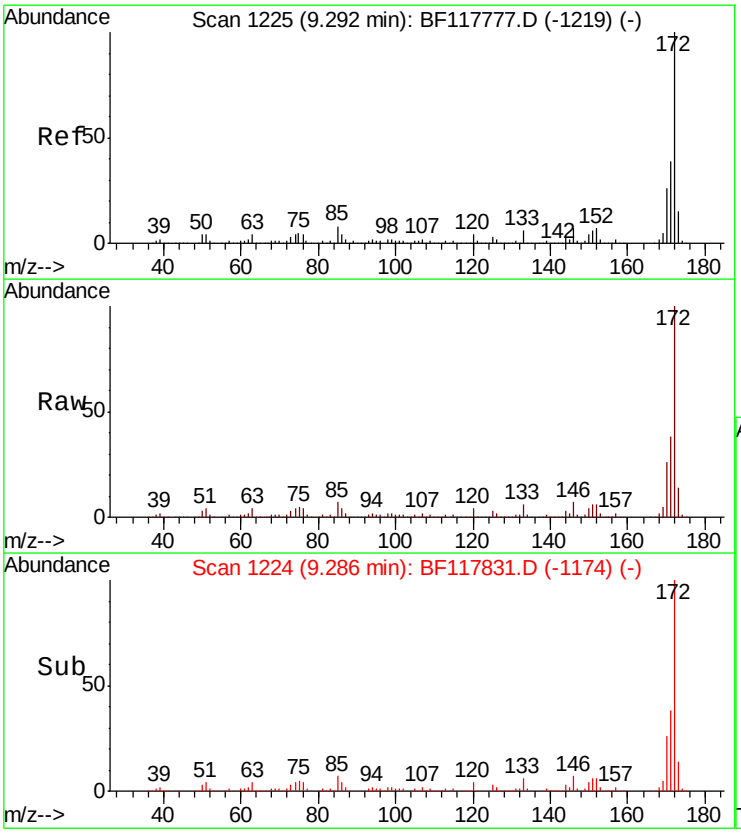
#42
2,4,6-Tribromophenol
Concen: 135.450 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 763632

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.7	115.1
141	33.4	27.7	41.5

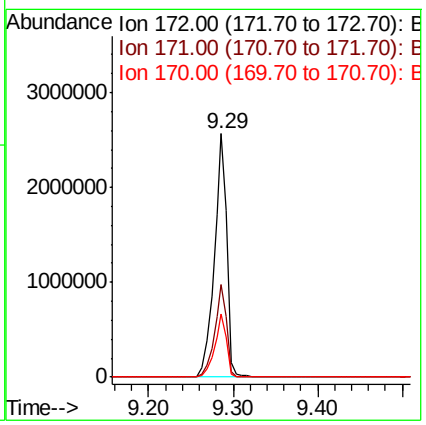


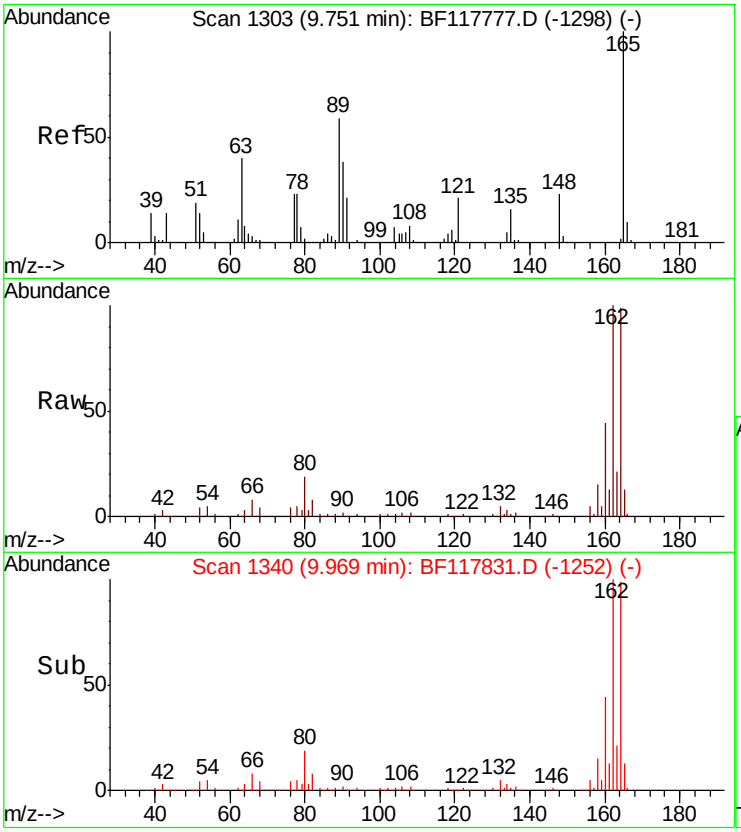


#45
2-Fluorobiphenyl
Concen: 91.141 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Tgt Ion:172 Resp: 2705323

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.9	46.3
170	25.7	21.0	31.4



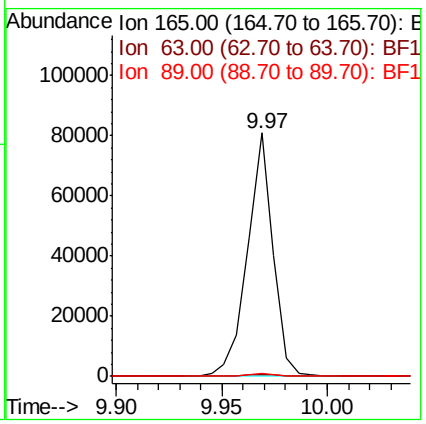


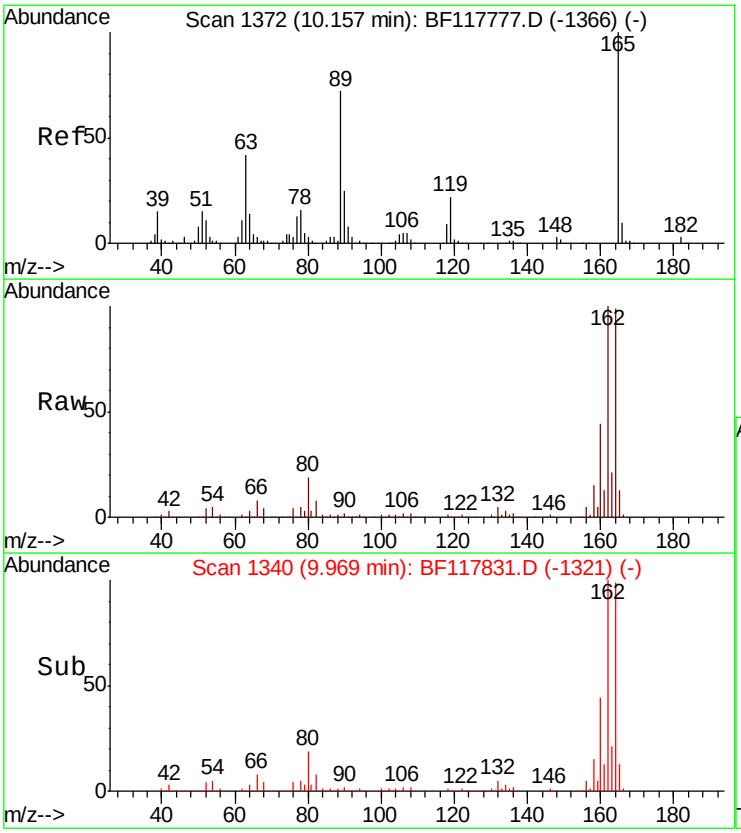
#51
2,6-Dinitrotoluene
Concen: 8.350 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.22 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 68146

Ion	Ratio	Lower	Upper
165	100		
63	0.9	46.0	69.0#
89	1.3	47.7	71.5#

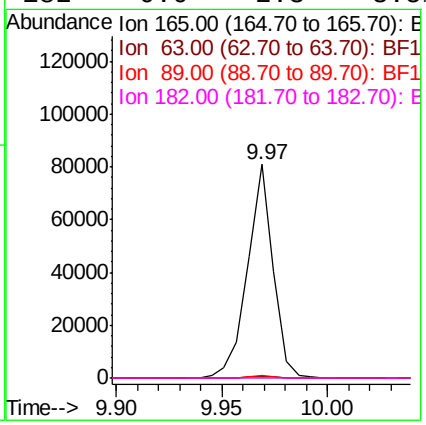


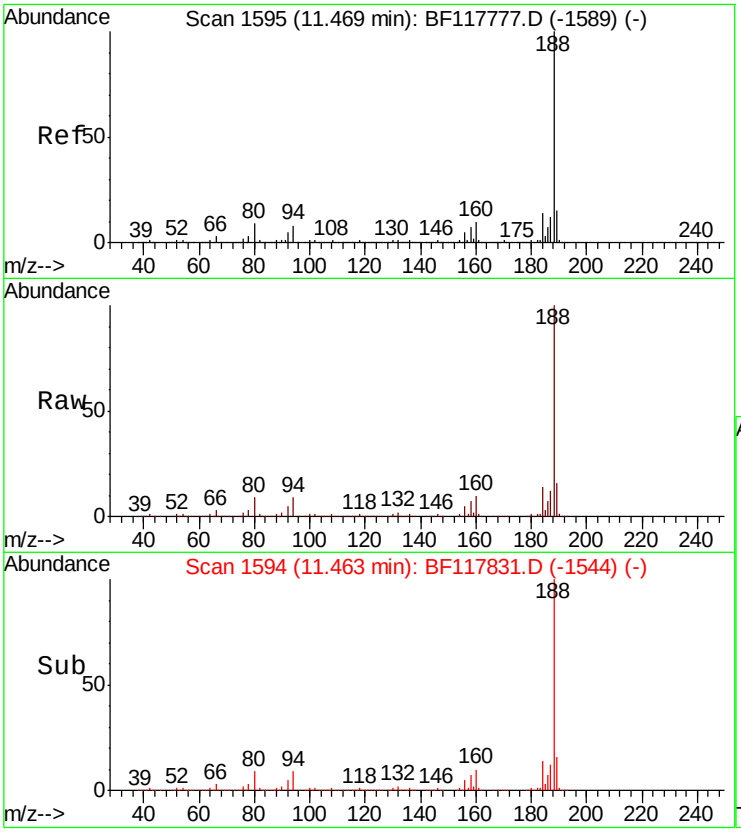


#57
2,4-Dinitrotoluene
Concen: 6.564 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.19 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Tgt Ion:165 Resp: 68146

Ion	Ratio	Lower	Upper
165	100		
63	0.9	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#



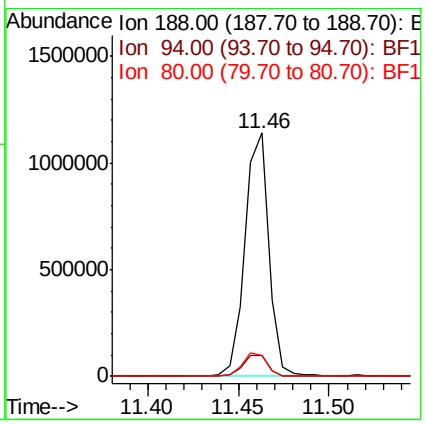


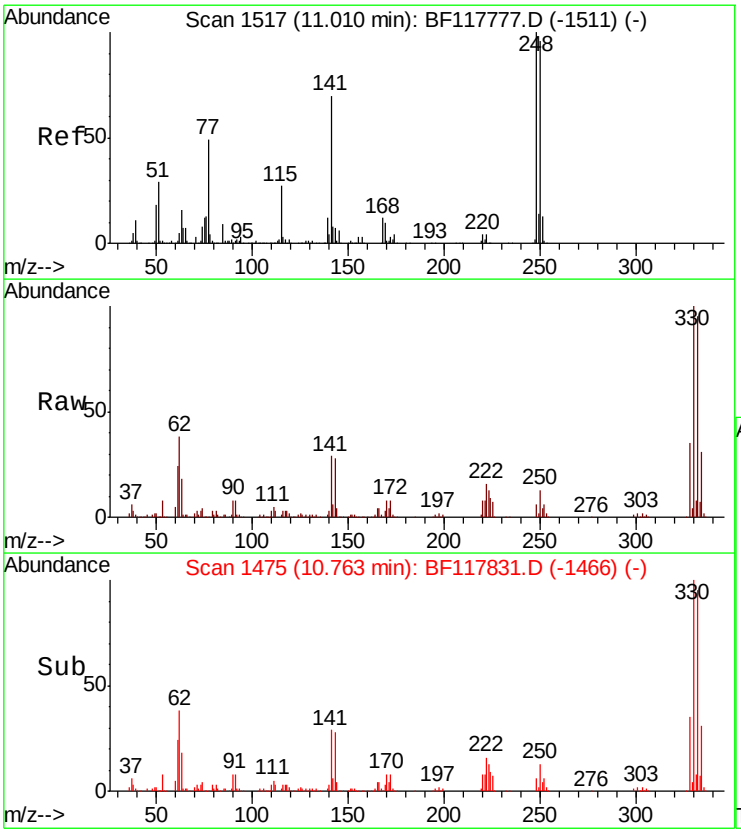
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1047415

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	8.8	7.2	10.8

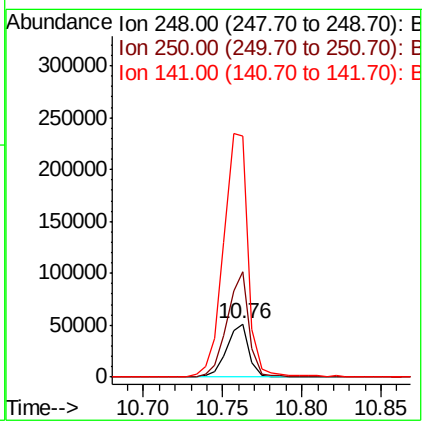


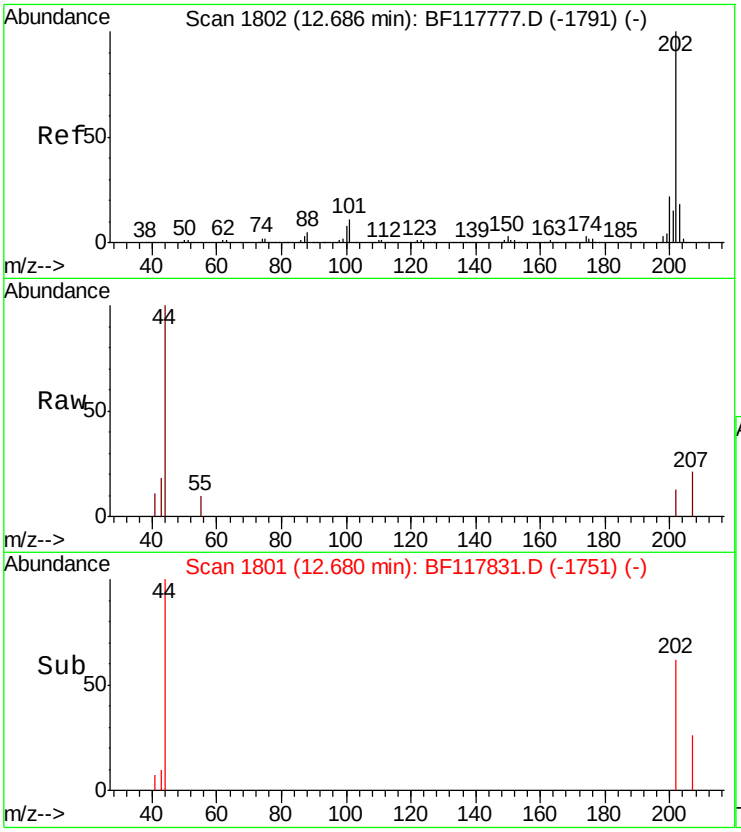


#67
4-Bromophenyl-phenylether
Concen: 4.385 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.25 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Tgt Ion:248 Resp: 49561

Ion	Ratio	Lower	Upper
248	100		
250	199.2	76.6	115.0#
141	456.4	55.9	83.9#



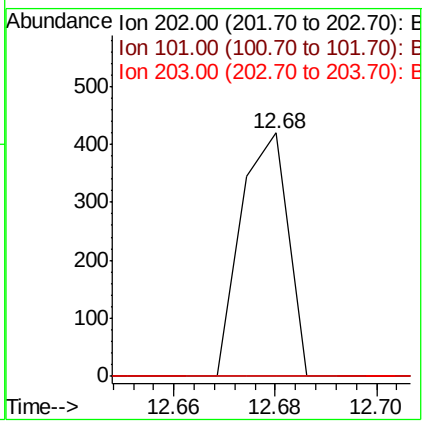


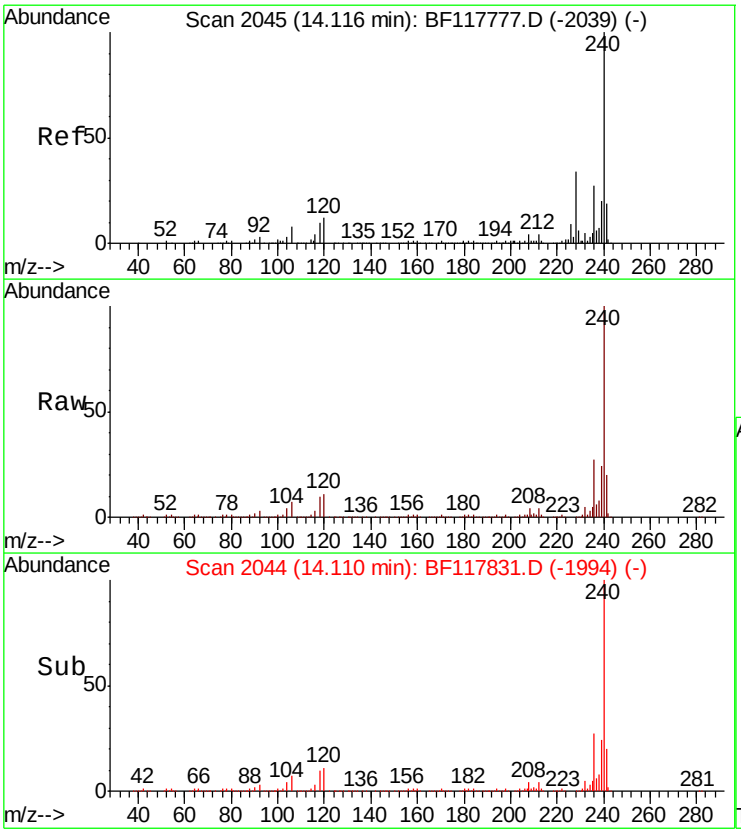
#75
Fluoranthene
Concen: Below Cal
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 270

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

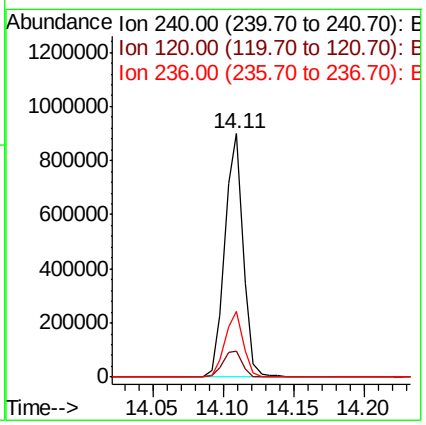


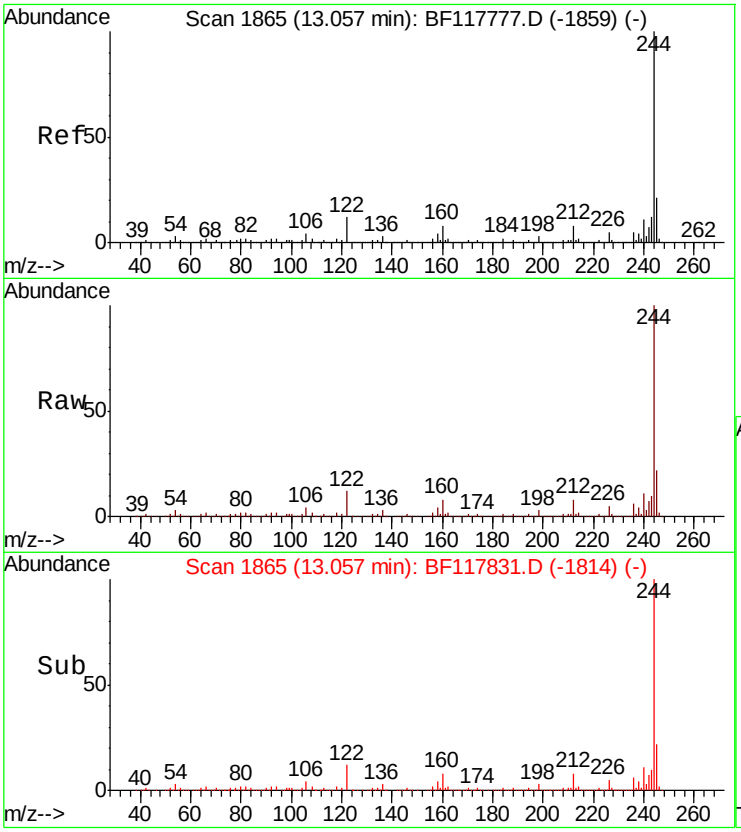


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Tgt Ion:240 Resp: 812540

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	27.0	21.3	31.9



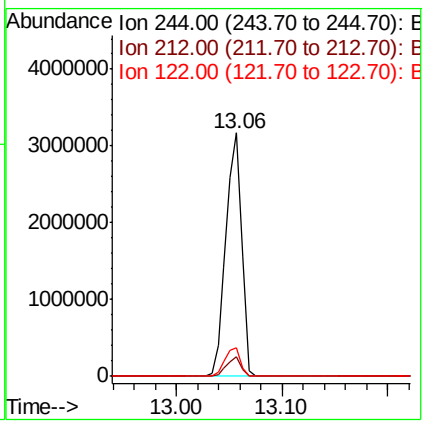


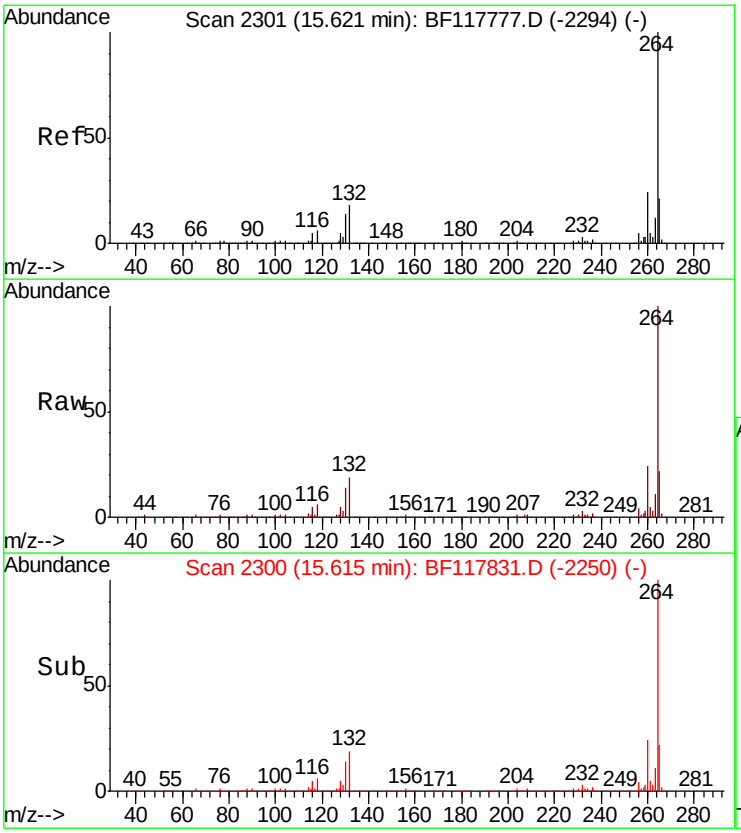
#79
Terphenyl-d14
Concen: 74.059 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3292608

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	11.8	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117831.D
Acq: 18 Nov 2019 13:21

Tgt Ion:264 Resp: 799750

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.7	17.1	25.7