Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117858.D
Acq On : 19 Nov 2019 14:42
Operator : JU
Sample : K5864-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 20 00:30:36 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	215200	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	862100	20.00	ng		-0.01
39) Acenaphthene-d10	9.96	164	466407	20.00	ng		-0.01
64) Phenanthrene-d10	11.46	188	888860	20.00	ng		-0.01
76) Chrysene-d12	14.10	240	590135	20.00	ng		-0.01
87) Perylene-d12	15.61	264	554938	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1040601	85.59	ng		0.00
7) Phenol-d6	6.53	99	1346269	91.81	ng		-0.01
23) Nitrobenzene-d5	7.47	82	800000	55.16	ng		-0.02
42) 2,4,6-Tribromophenol	10.76	330	384300	77.83	ng		-0.01
45) 2-Fluorobiphenyl	9.28	172	1611808	62.00	ng		-0.01
79) Terphenyl-d14	13.05	244	1897894	58.78	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.54	77	2931	Below Cal		#	1
10) Phenol	6.55	94	79998	5.250	ng		99
19) n-Nitroso-di-n-propylamine	7.47	70	110074	12.168	ng	#	76
25) Isophorone	7.47	82	794034	29.873	ng	#	62
50) Dimethylphthalate	9.67	163	195972	5.992	ng		98
57) 2,4-Dinitrotoluene	9.96	165	59904	6.588	ng	#	25
67) 4-Bromophenyl-phenylether	10.76	248	24113	2.514	ng	#	1
75) Fluoranthene	12.67	202	34330	Below Cal			99

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

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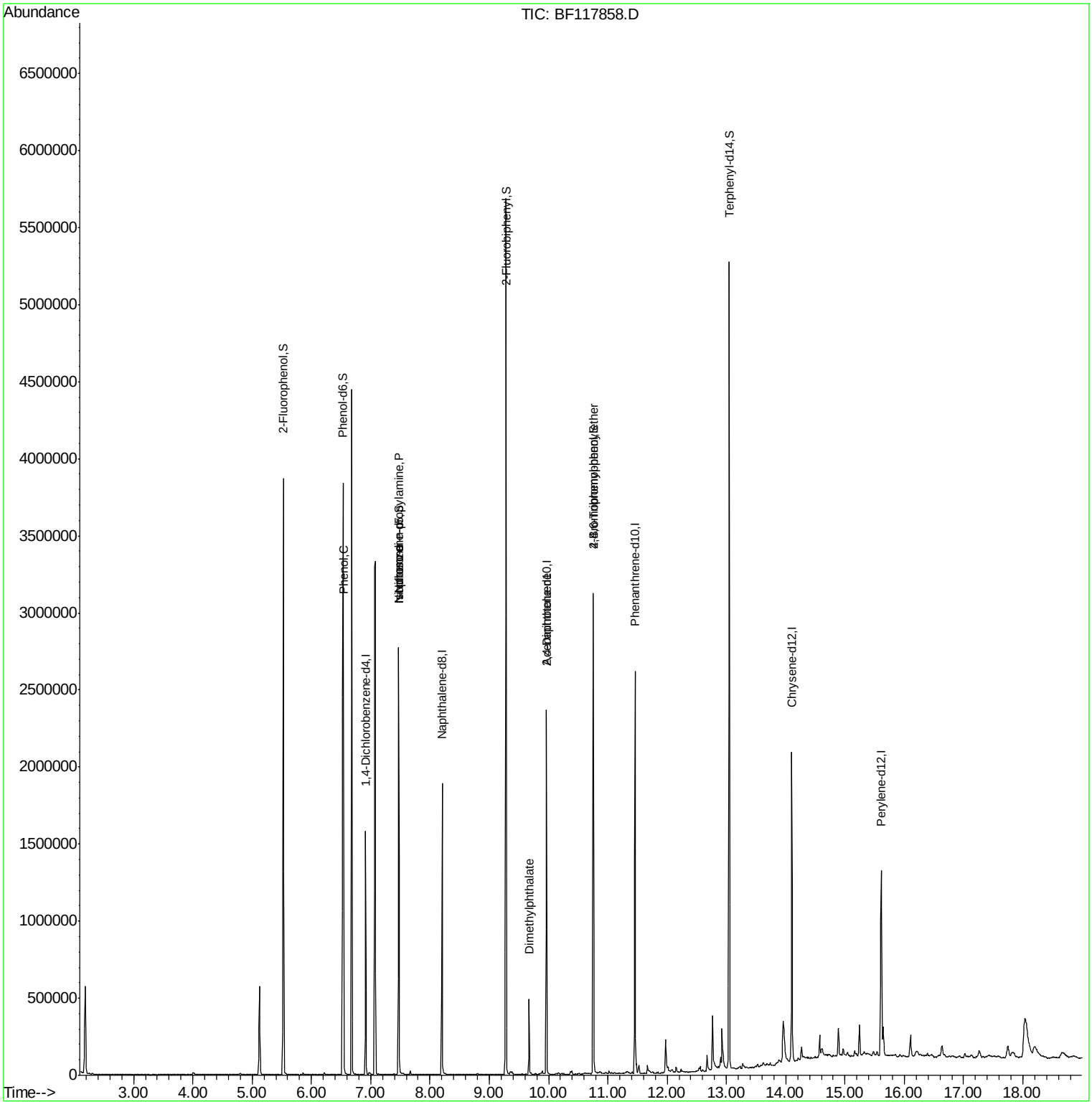
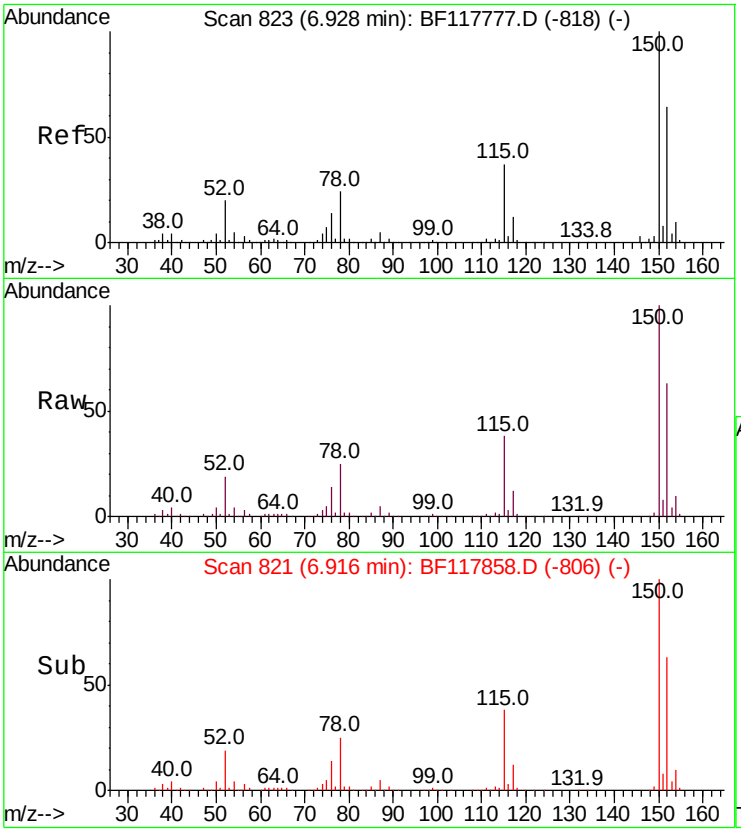


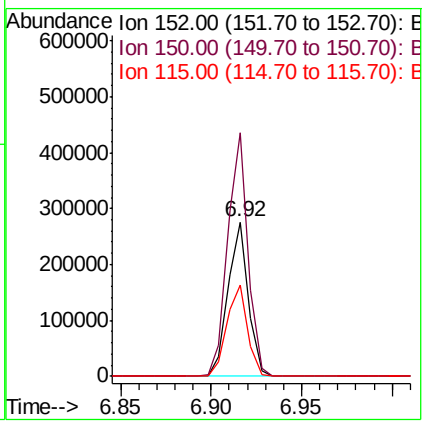


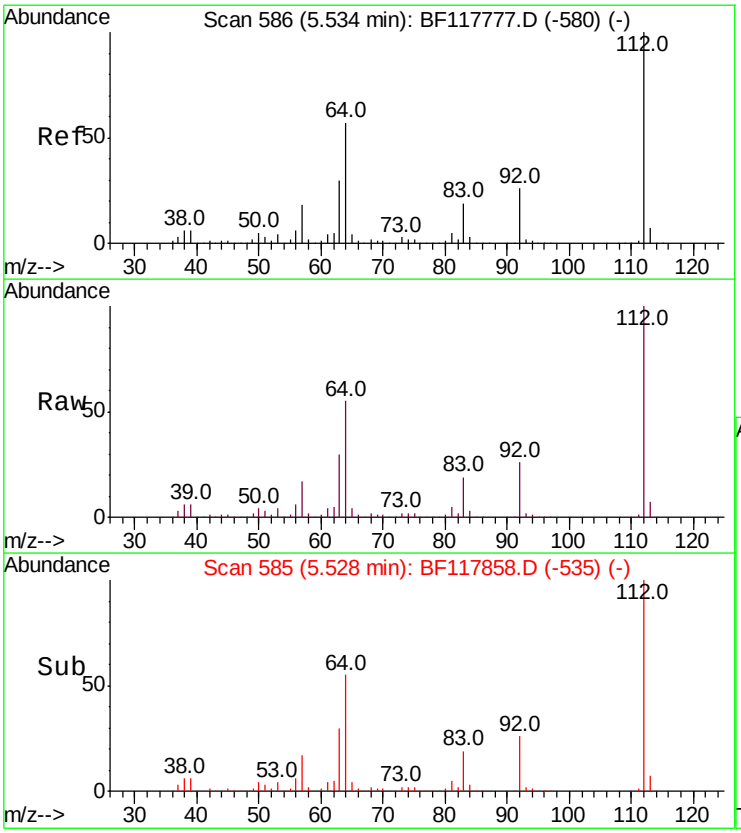
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 215200

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.3	187.9
115	59.2	47.0	70.4

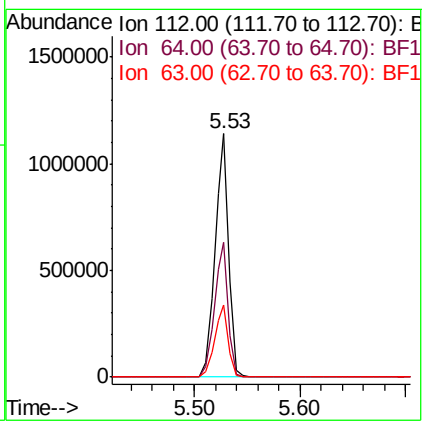


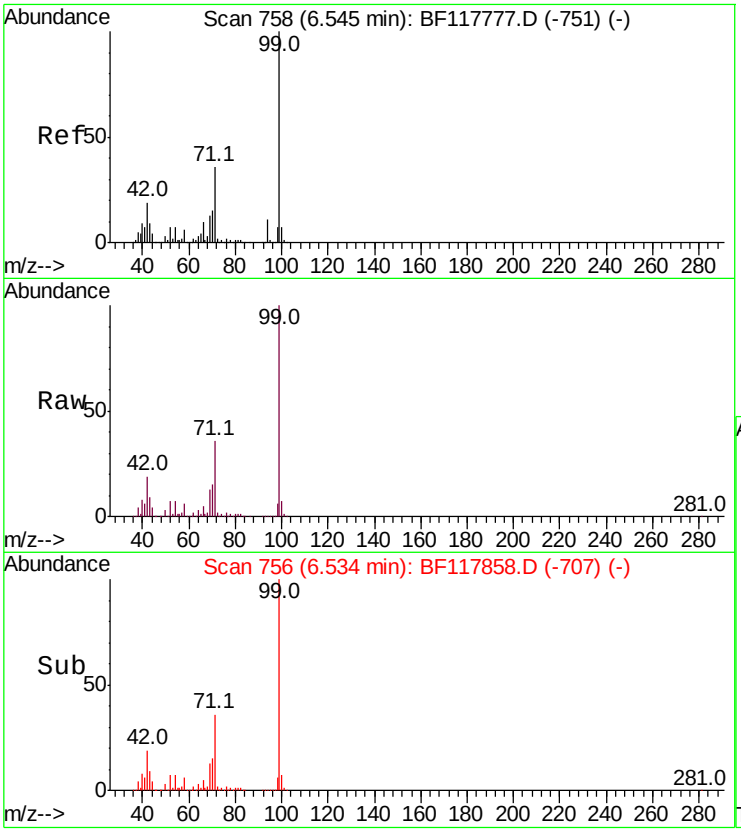


#5
2-Fluorophenol
Concen: 85.594 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Tgt Ion:112 Resp: 1040601

Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.6	68.4
63	29.7	24.1	36.1



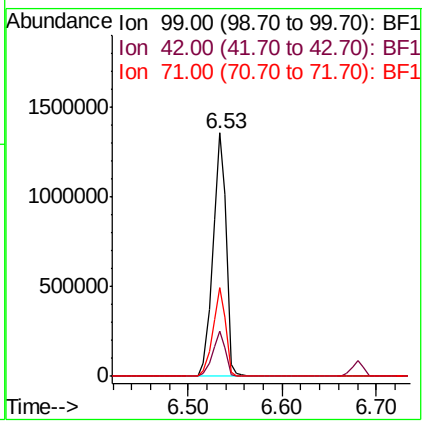


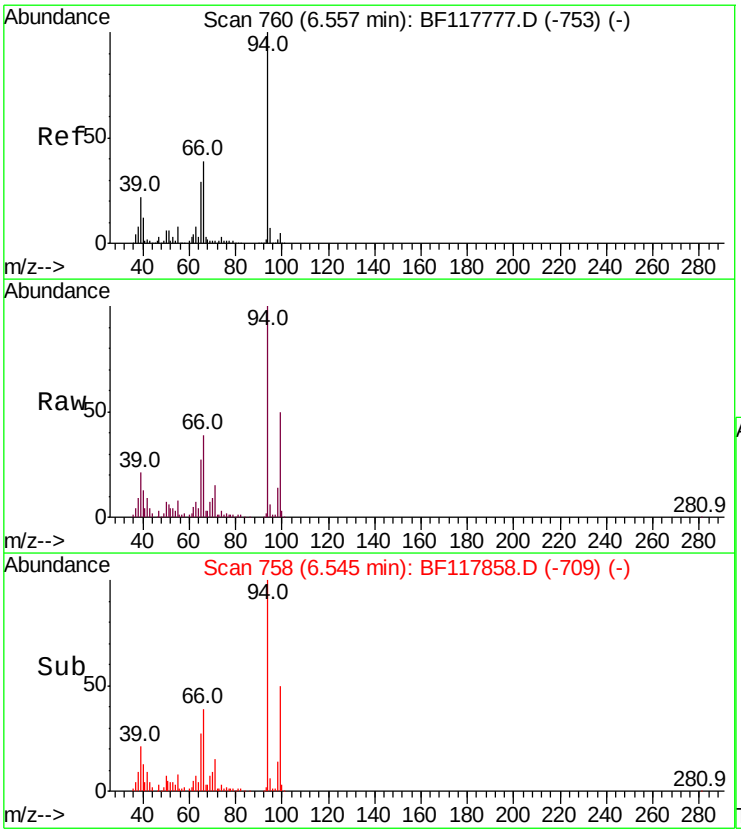
#7
Phenol-d6
Concen: 91.809 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1346269

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.9	22.3
71	36.3	28.6	43.0

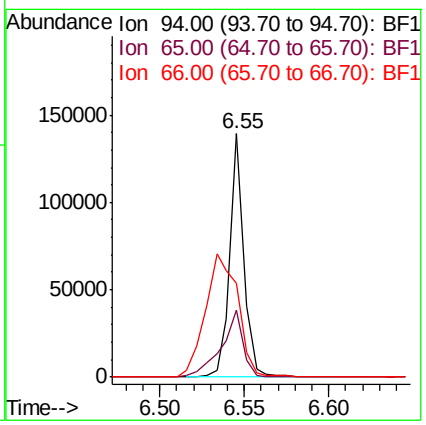


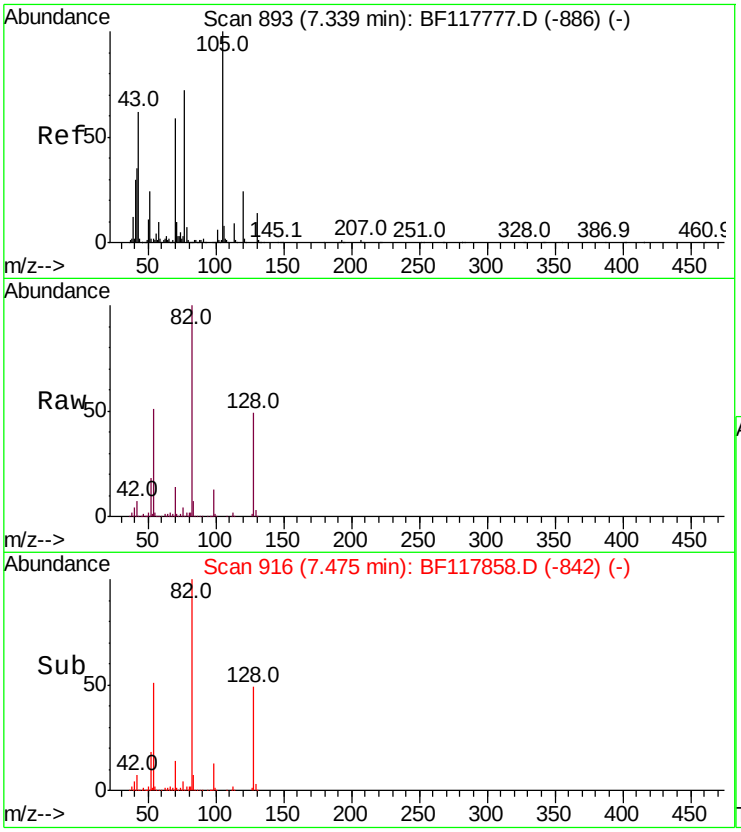


#10
Phenol
Concen: 5.250 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Tgt Ion: 94 Resp: 79998

Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.9	48.9
66	38.6	18.7	58.7



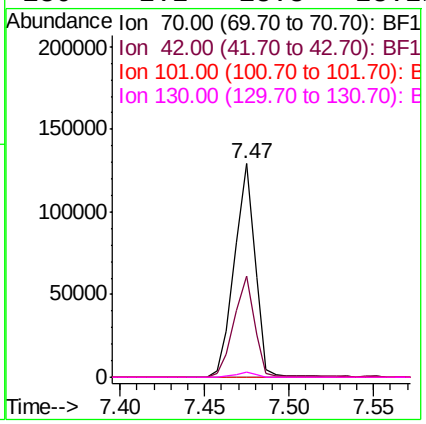


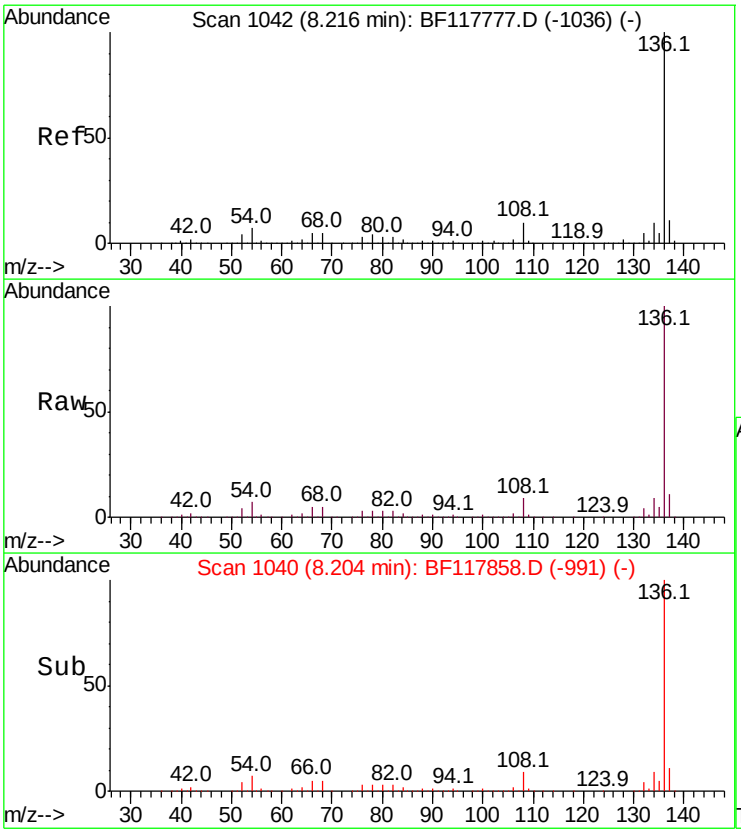
#19
n-Nitroso-di-n-propylamine
Concen: 12.168 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 110074

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.4	71.2#
101	0.0	8.4	12.6#
130	2.2	18.8	28.2#

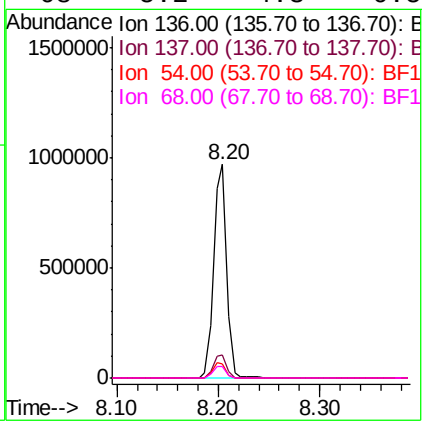


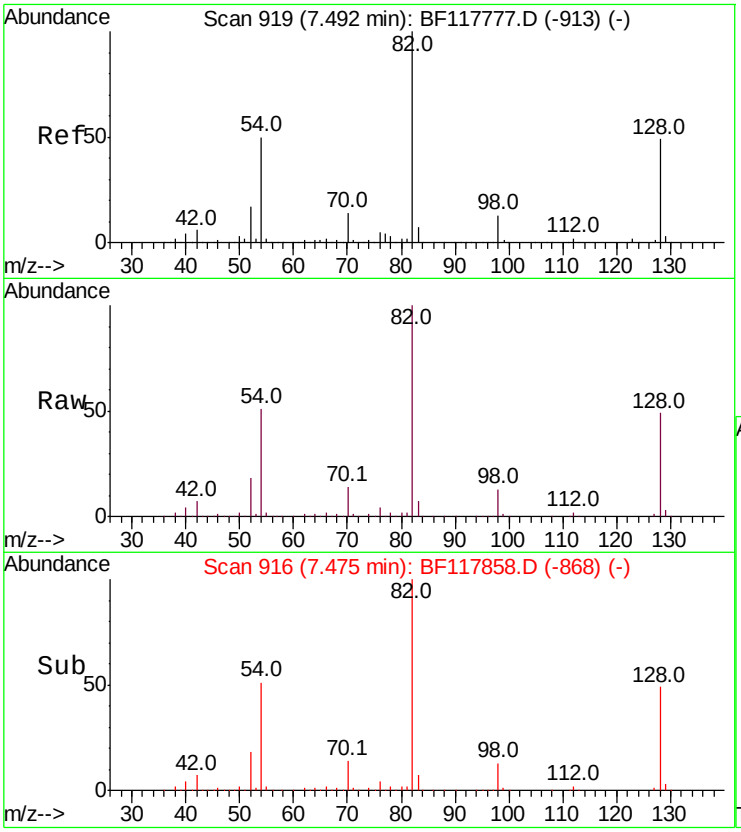


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Tgt Ion:136 Resp: 862100

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.7	5.4	8.2
68	5.2	4.3	6.5



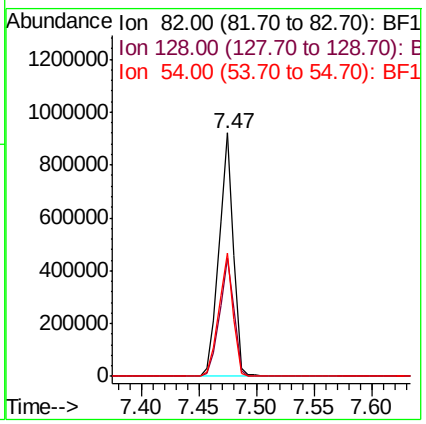


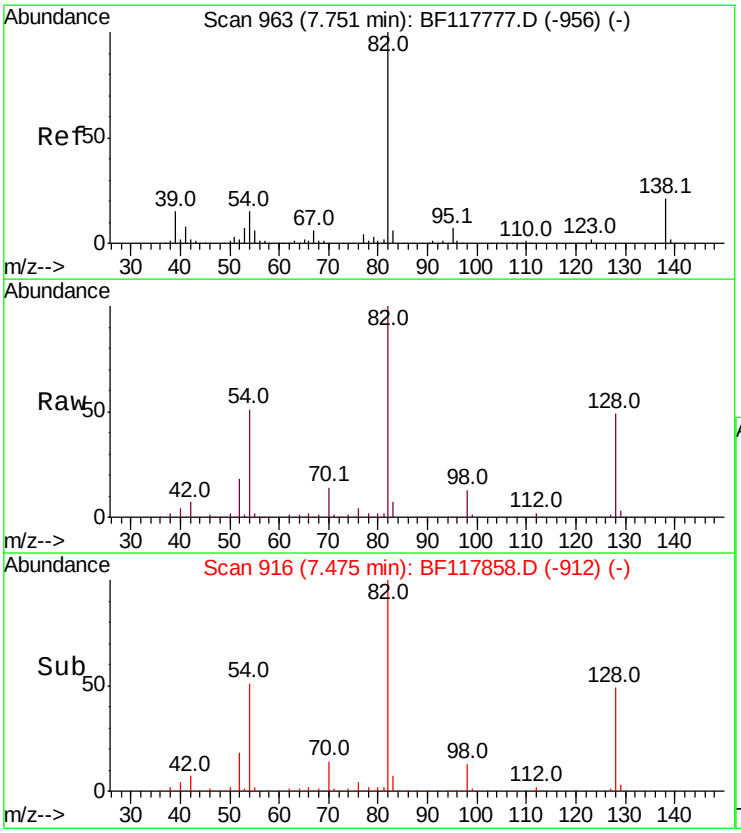
#23
Nitrobenzene-d5
Concen: 55.164 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 800000

Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.9	58.3
54	50.7	39.8	59.6

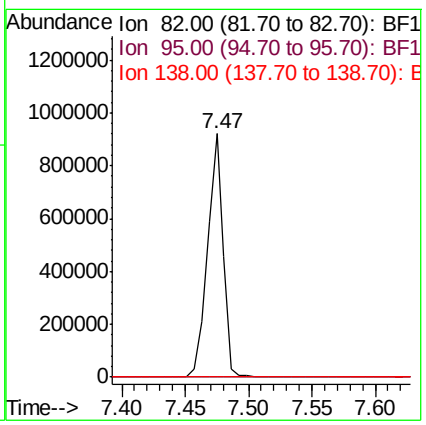


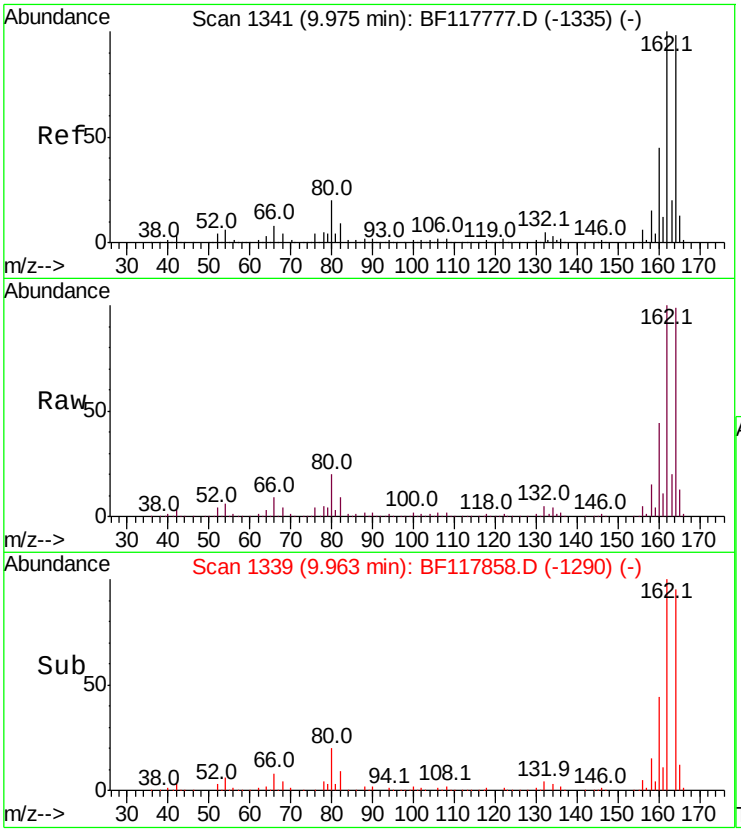


#25
Isophorone
Concen: 29.873 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Tgt Ion: 82 Resp: 794034

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



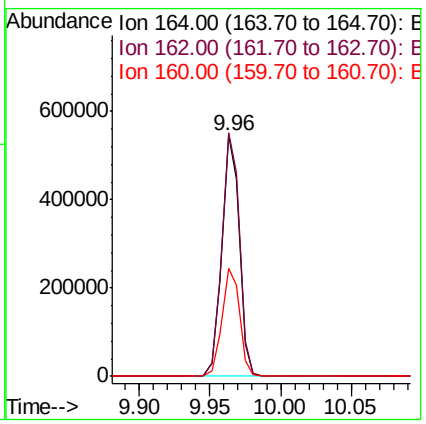


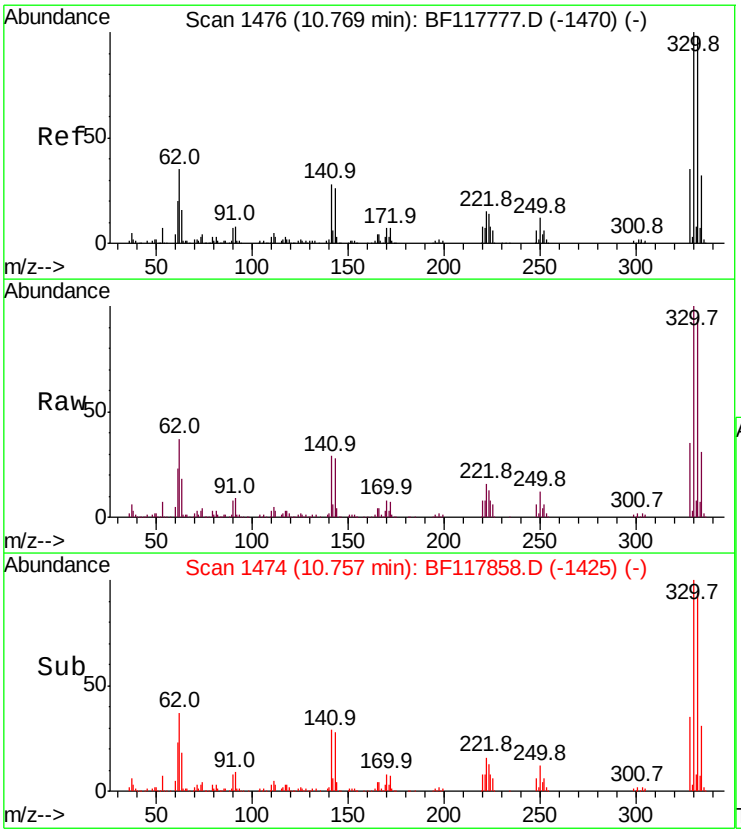
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 466407

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.3	121.9
160	44.6	36.6	55.0

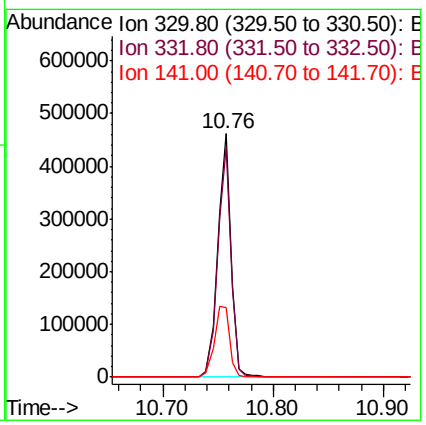


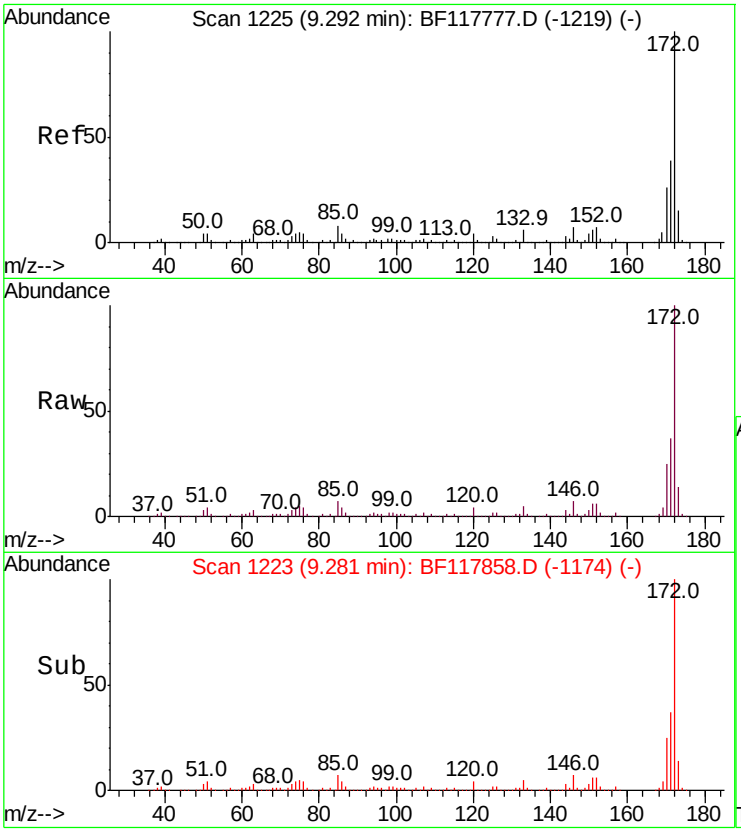


#42
2,4,6-Tribromophenol
Concen: 77.828 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Tgt Ion:330 Resp: 384300

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.7	115.1
141	33.6	27.7	41.5



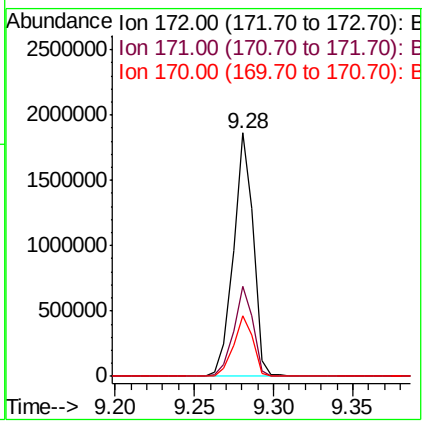


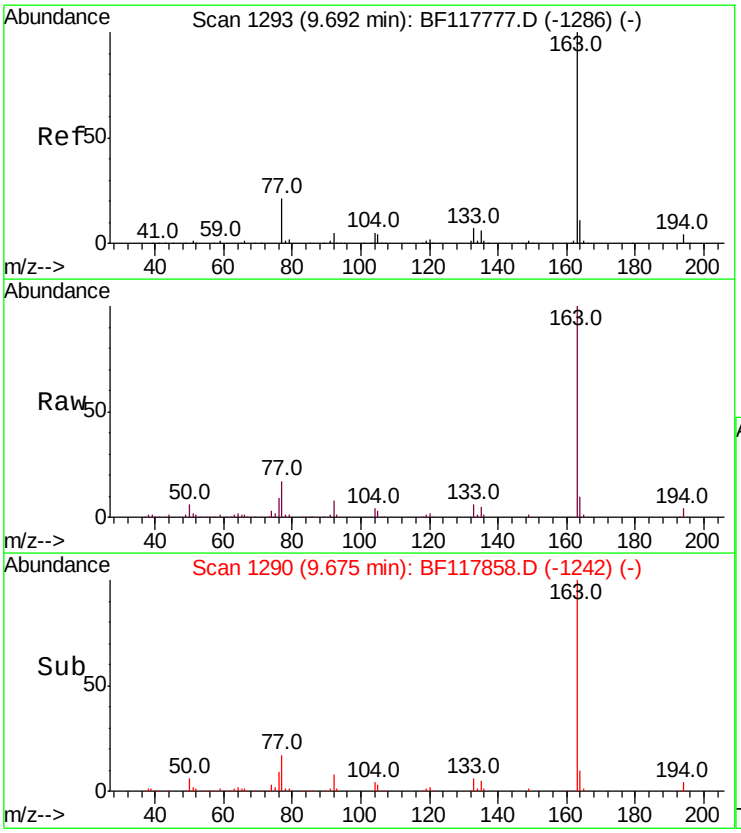
#45
2-Fluorobiphenyl
Concen: 61.998 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1611808

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.9	46.3
170	24.9	21.0	31.4

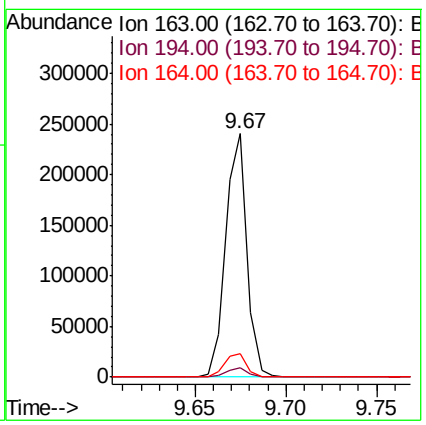


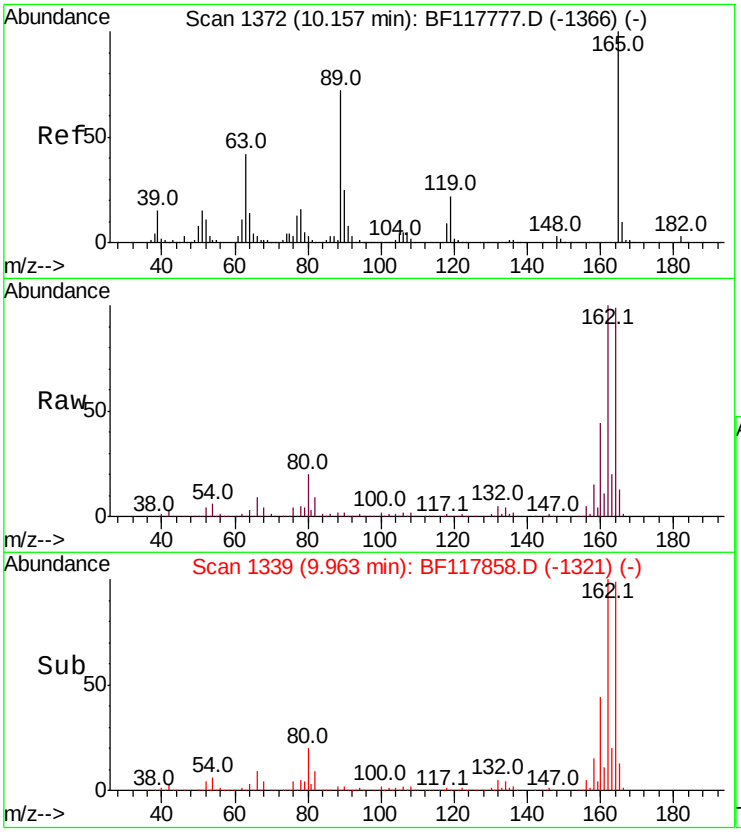


#50
Dimethylphthalate
Concen: 5.992 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Tgt Ion:163 Resp: 195972

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.3	4.9
164	9.9	8.7	13.1



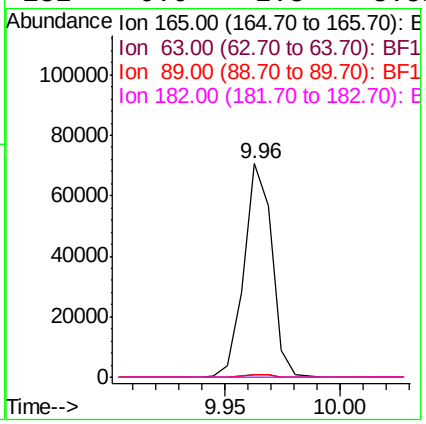


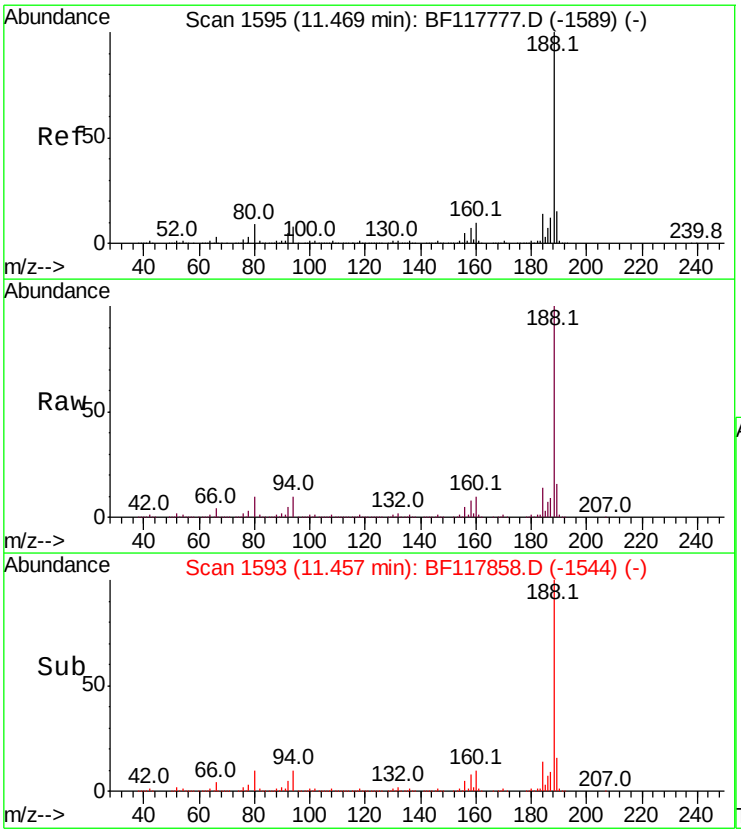
#57
2,4-Dinitrotoluene
Concen: 6.588 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 59904

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#

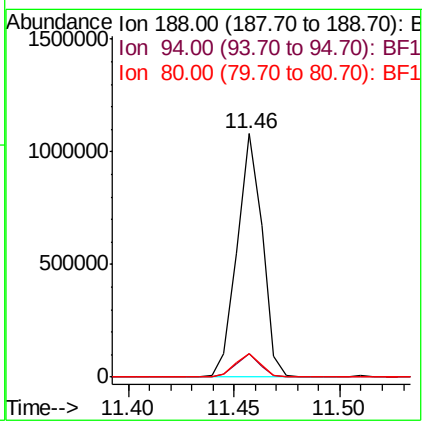


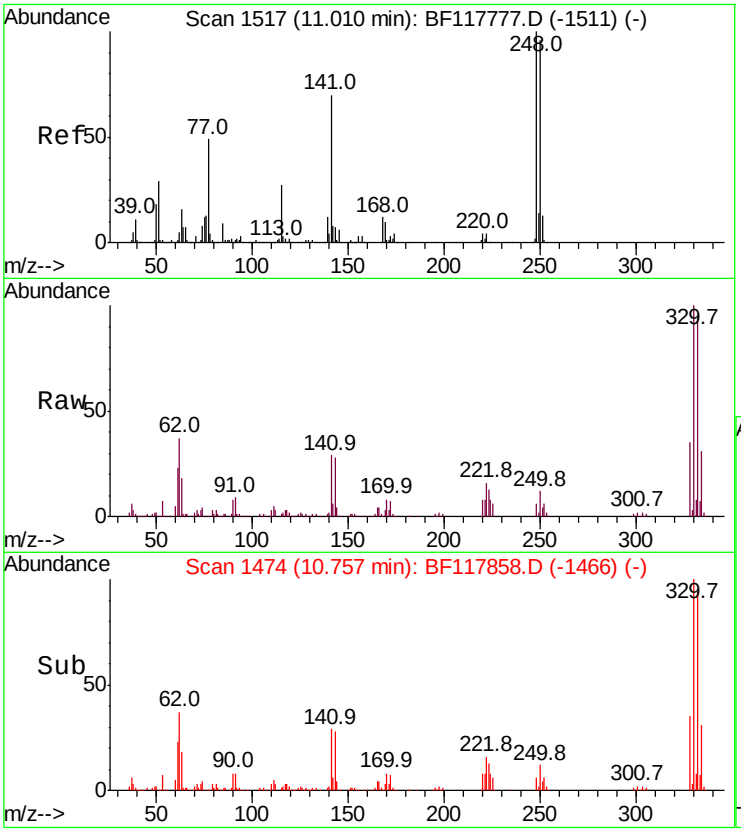


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Tgt Ion:188 Resp: 888860

Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.6	10.0
80	9.9	7.2	10.8



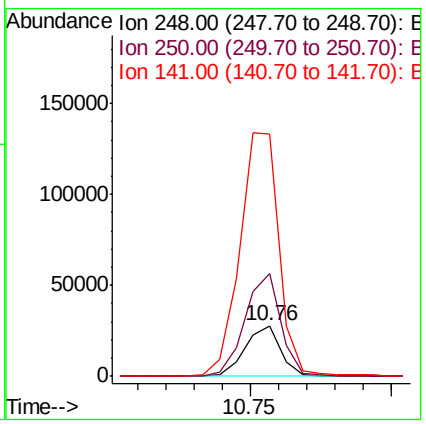


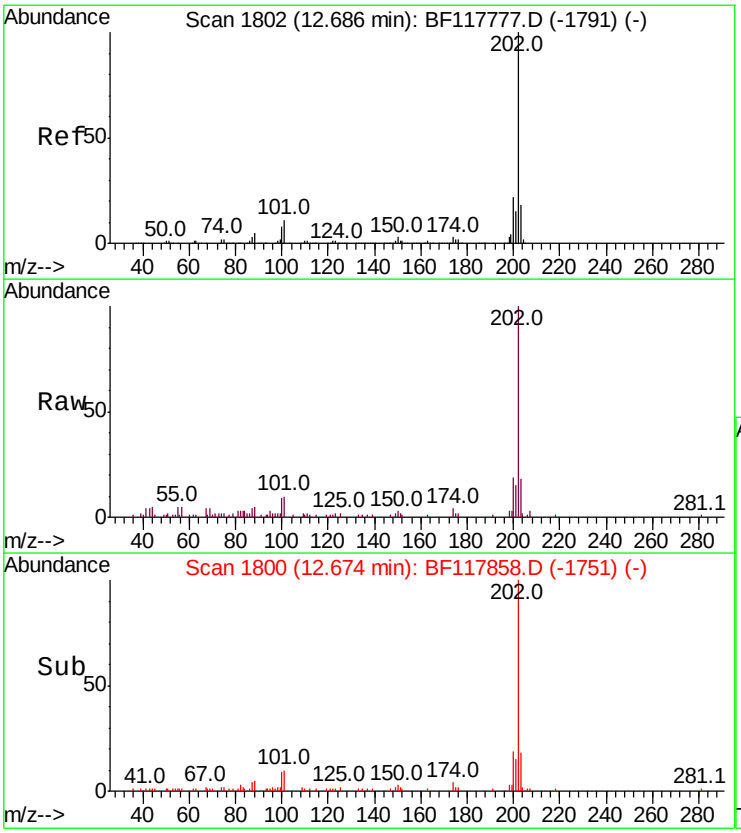
#67
4-Bromophenyl-phenylether
Concen: 2.514 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.25 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 24113

Ion	Ratio	Lower	Upper
248	100		
250	203.3	76.6	115.0#
141	479.0	55.9	83.9#

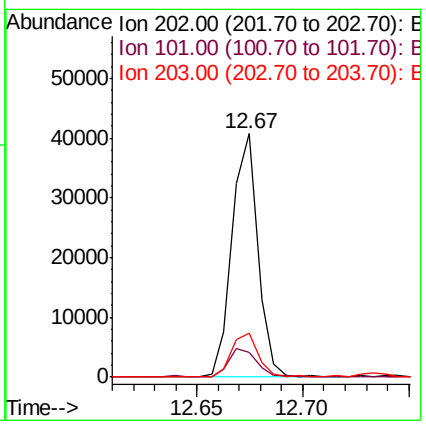


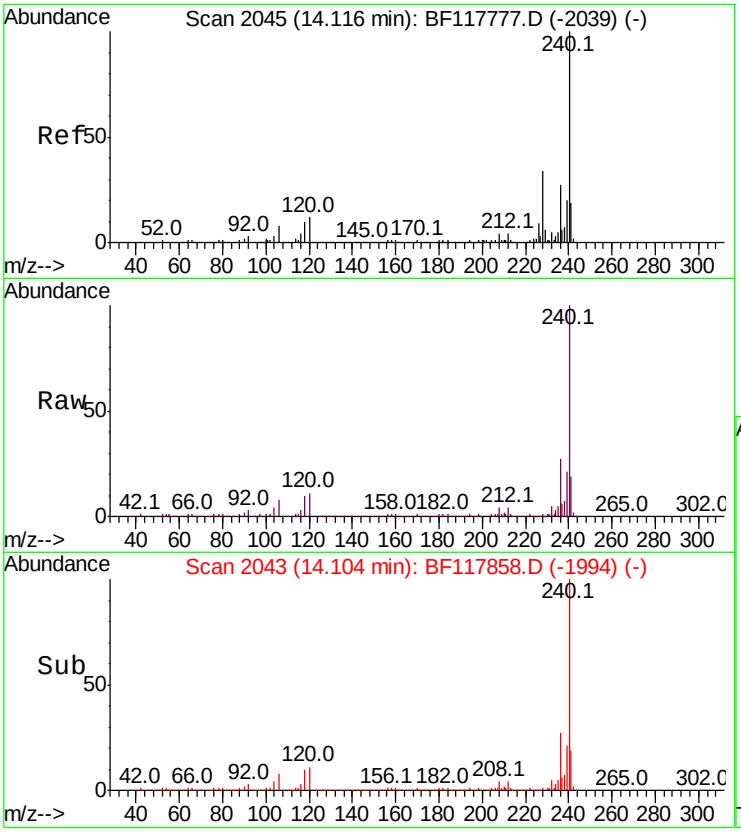


#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Tgt Ion:202 Resp: 34330

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.1
203	18.2	0.0	38.2



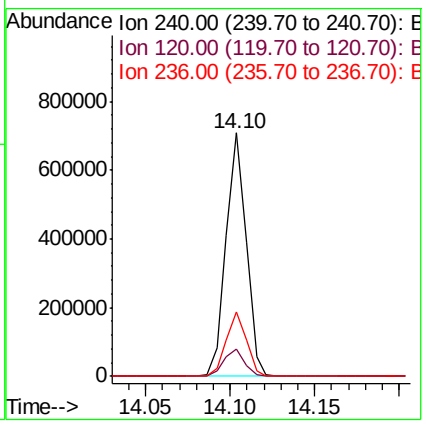


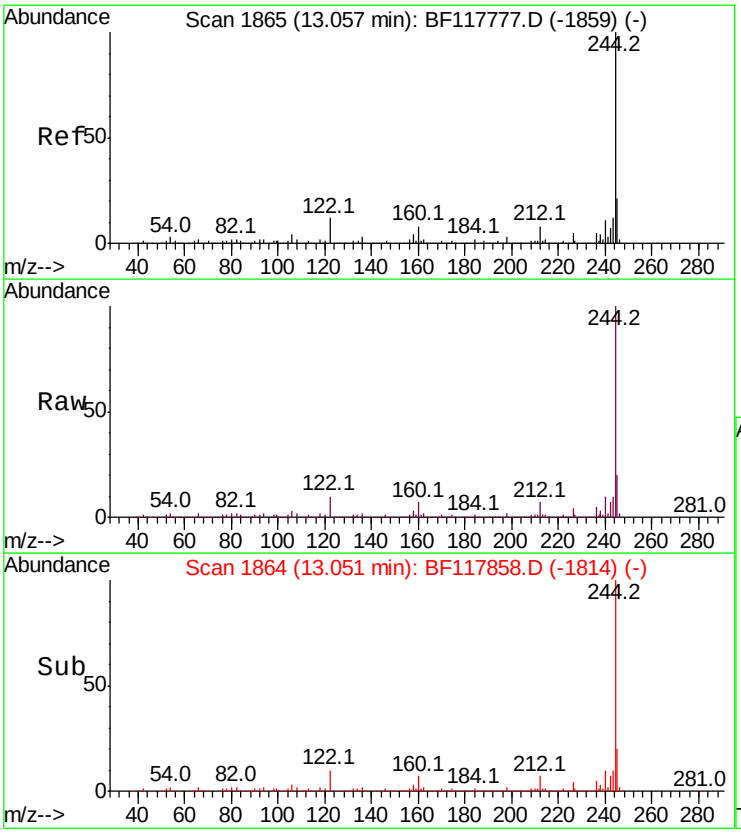
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 590135

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.6	21.3	31.9

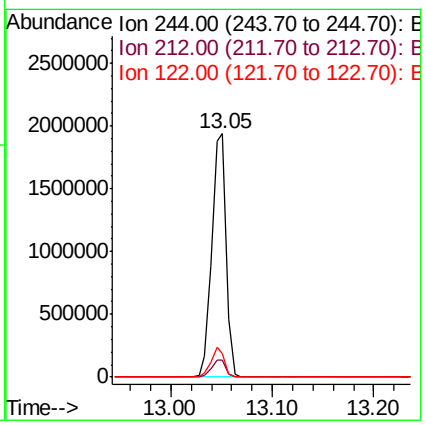


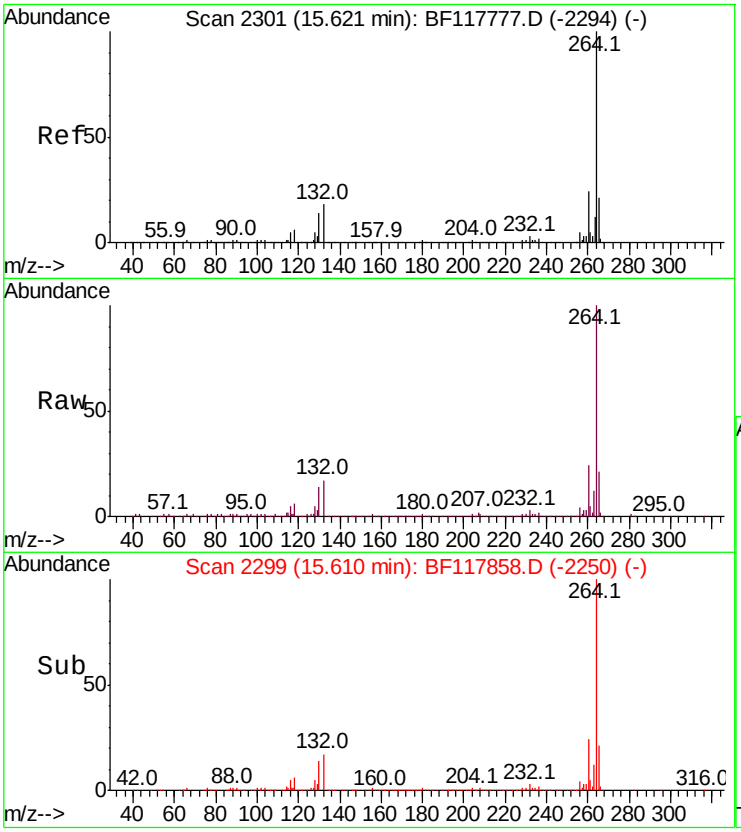


#79
Terphenyl-d14
Concen: 58.777 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Tgt Ion:244 Resp: 1897894

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	9.8	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF117858.D
Acq: 19 Nov 2019 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 554938

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.4	17.1	25.7