Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117867.D
Acq On : 19 Nov 2019 18:47
Operator : JU
Sample : K5865-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 20 00:31:54 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	201290	20.00	ng		-0.01
21) Naphthalene-d8	8.20	136	796965	20.00	ng		-0.02
39) Acenaphthene-d10	9.96	164	418332	20.00	ng		-0.01
64) Phenanthrene-d10	11.46	188	738024	20.00	ng		-0.01
76) Chrysene-d12	14.10	240	462100	20.00	ng		-0.01
87) Perylene-d12	15.61	264	477080	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	880331	77.41	ng		0.00
7) Phenol-d6	6.53	99	1239608	90.38	ng		-0.01
23) Nitrobenzene-d5	7.47	82	746748	55.70	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	295127	66.64	ng		-0.02
45) 2-Fluorobiphenyl	9.28	172	1445717	62.00	ng		-0.01
79) Terphenyl-d14	13.05	244	1422501	56.26	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.53	77	2328	Below Cal		#	1
10) Phenol	6.55	94	57368	4.025	ng		95
19) n-Nitroso-di-n-propylamine	7.47	70	100393	11.864	ng	#	77
25) Isophorone	7.47	82	746732	30.389	ng	#	62
50) Dimethylphthalate	9.67	163	184506	6.290	ng		96
51) 2,6-Dinitrotoluene	9.96	165	53788	8.390	ng	#	24
57) 2,4-Dinitrotoluene	9.96	165	53788	6.595	ng	#	25
67) 4-Bromophenyl-phenylether	10.75	248	19151	2.405	ng	#	1
75) Fluoranthene	12.67	202	1354	Below Cal			63

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117867.D
Acq On : 19 Nov 2019 18:47
Operator : JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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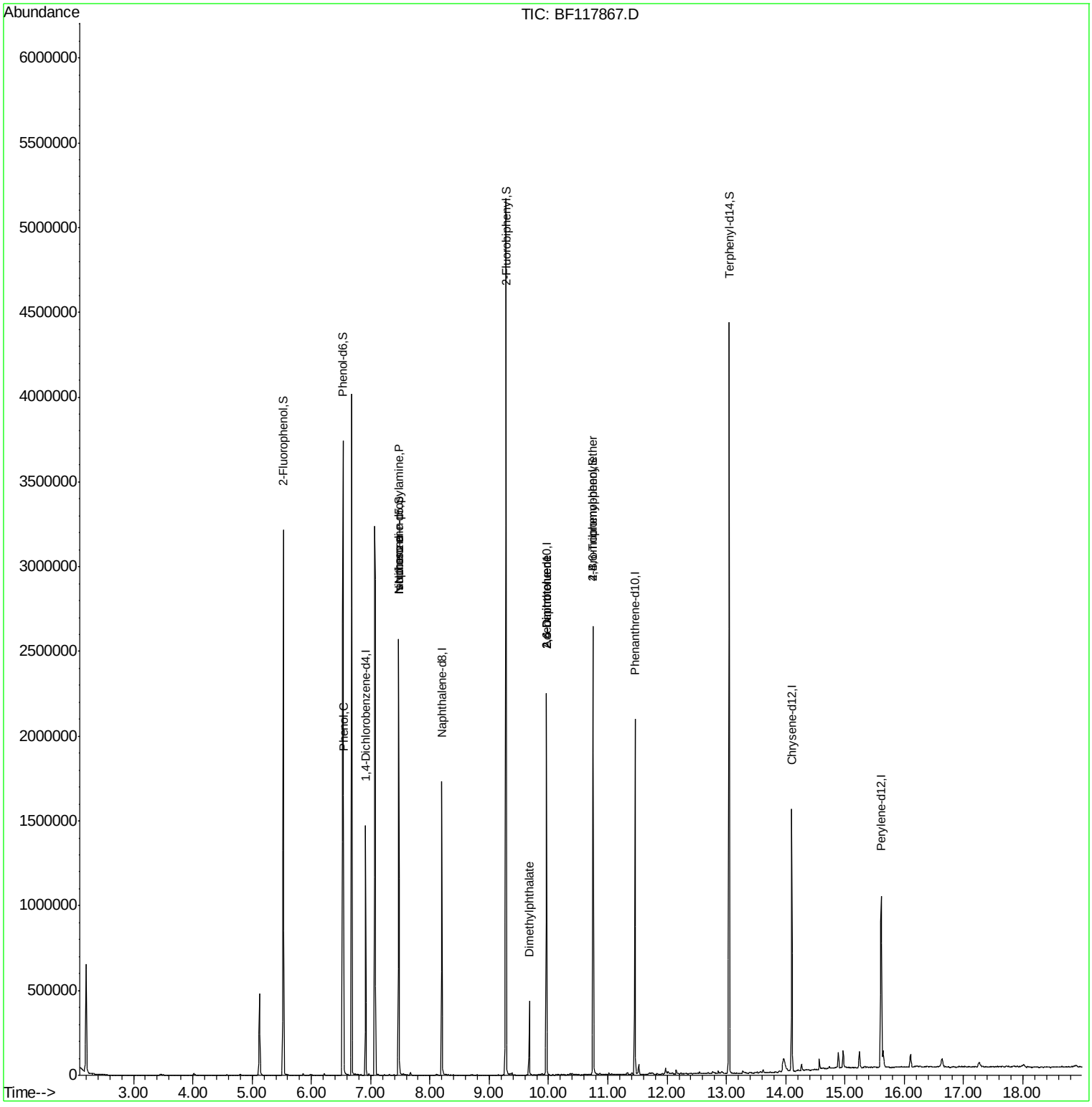
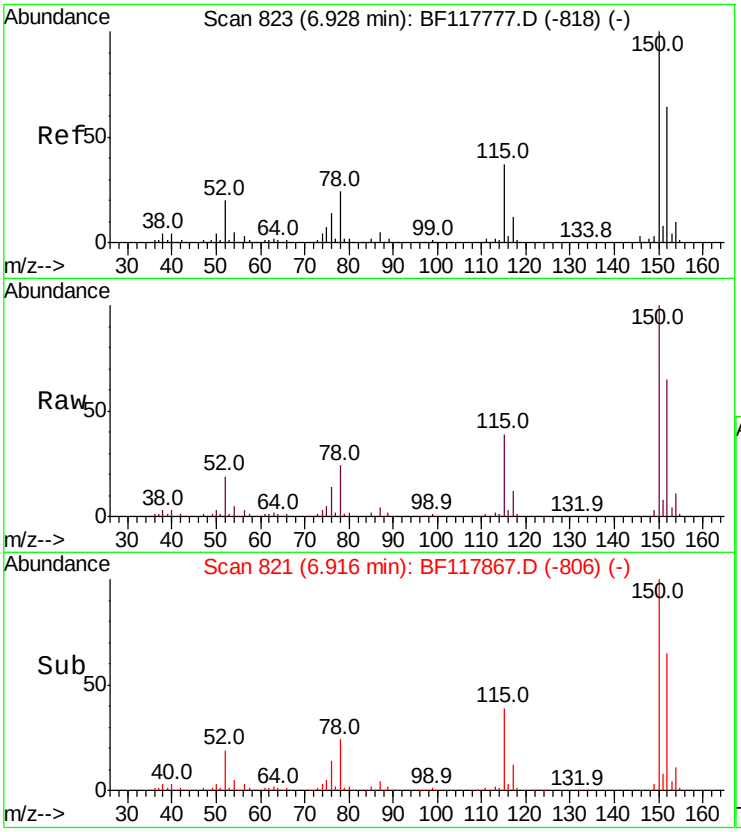
Response via : Initial Calibration



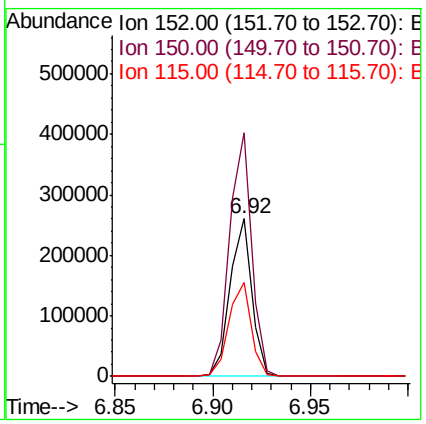


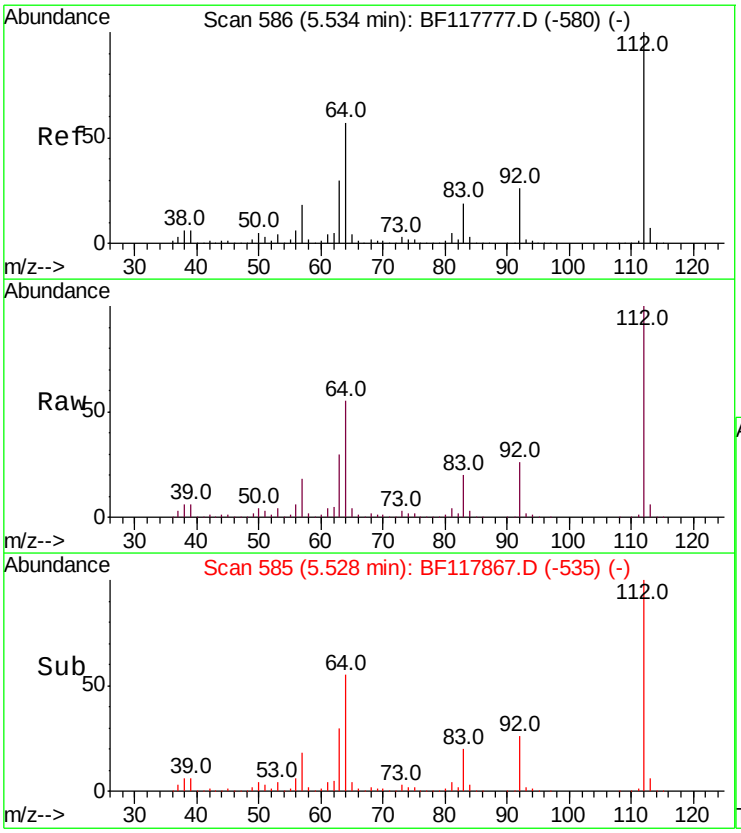
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 201290

Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.3	187.9
115	59.5	47.0	70.4

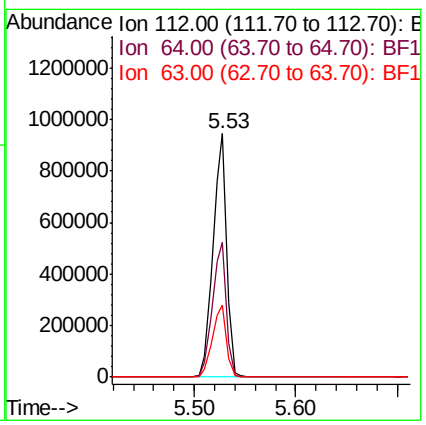


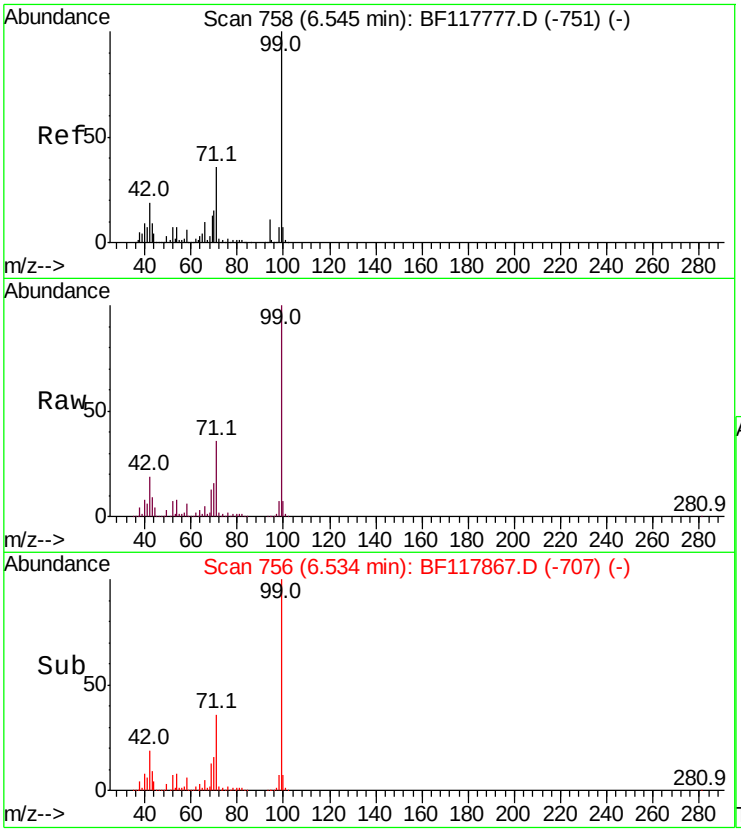


#5
2-Fluorophenol
Concen: 77.415 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion:112 Resp: 880331

Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.6	68.4
63	29.6	24.1	36.1



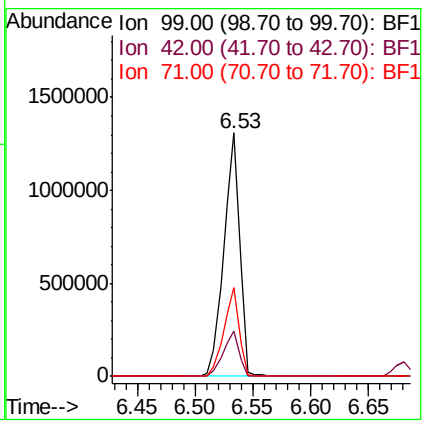


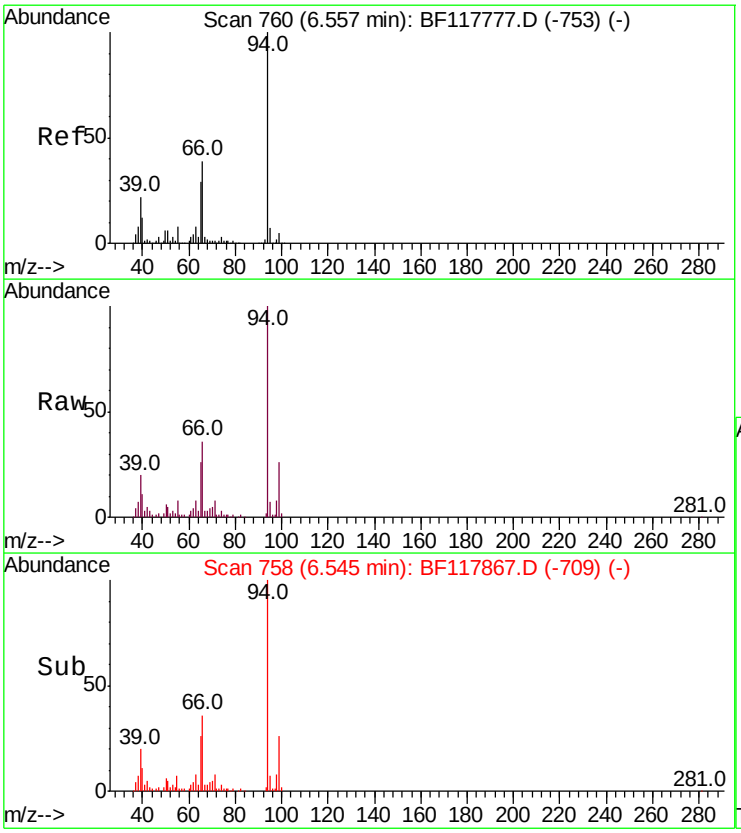
#7
Phenol-d6
Concen: 90.377 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1239608

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	36.4	28.6	43.0

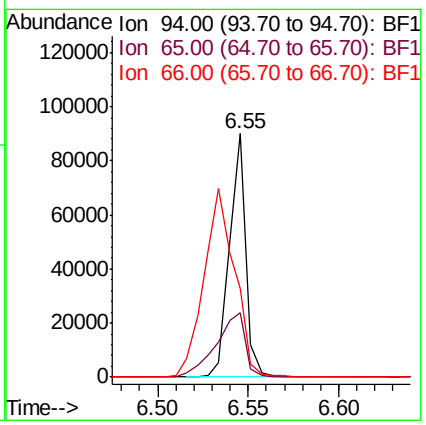


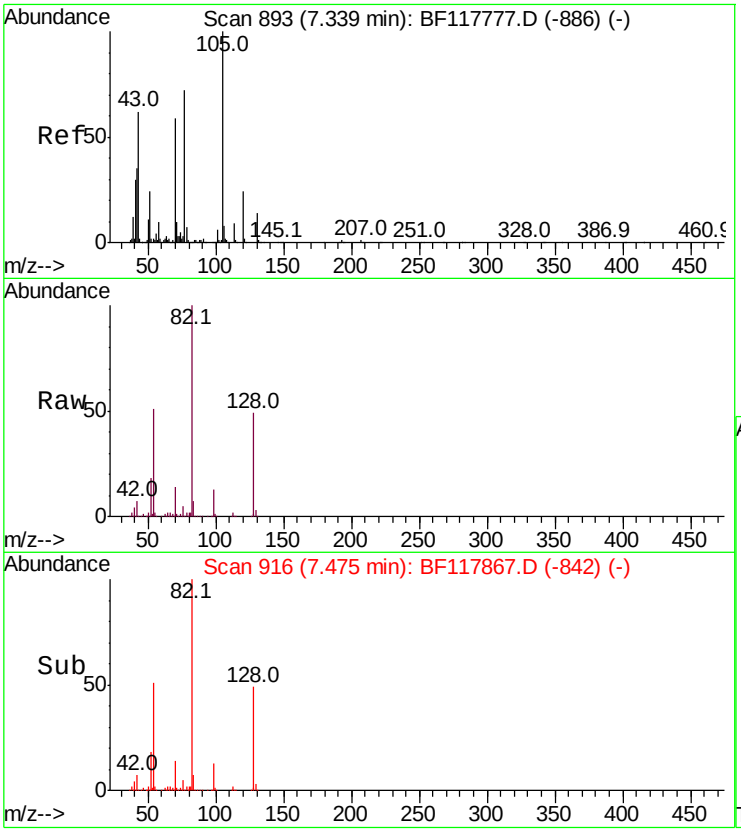


#10
Phenol
Concen: 4.025 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion: 94 Resp: 57368

Ion	Ratio	Lower	Upper
94	100		
65	26.2	8.9	48.9
66	36.2	18.7	58.7



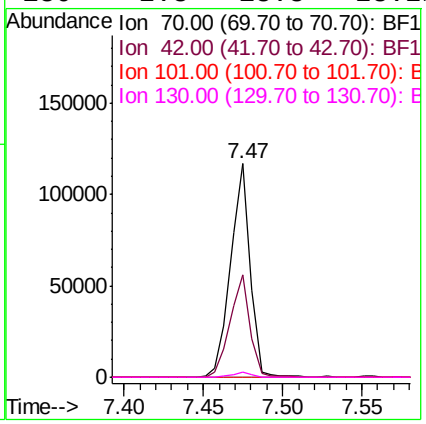


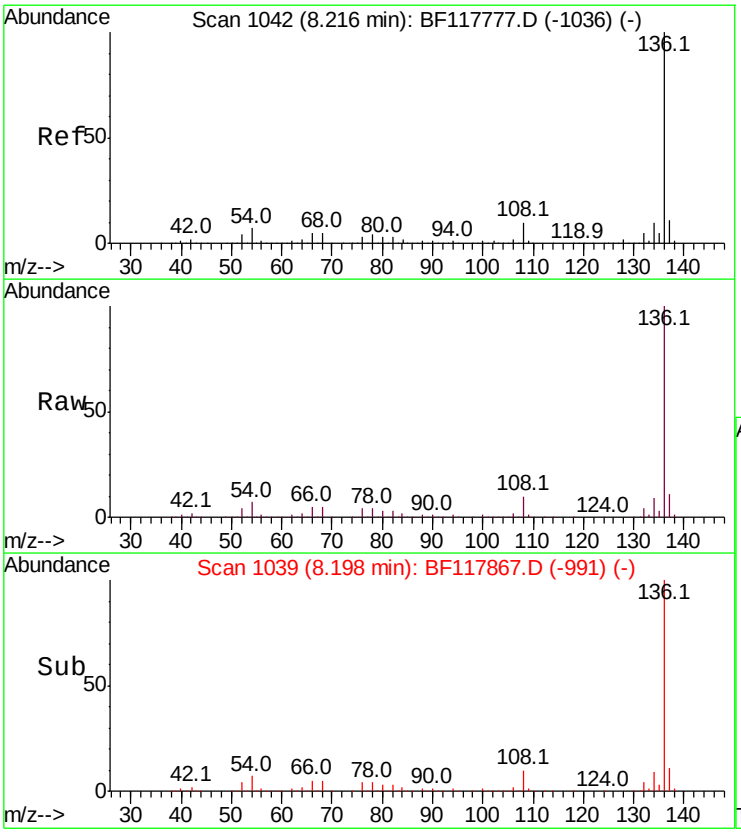
#19
n-Nitroso-di-n-propylamine
Concen: 11.864 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.14 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 100393

Ion	Ratio	Lower	Upper
70	100		
42	48.2	47.4	71.2
101	0.0	8.4	12.6#
130	2.3	18.8	28.2#

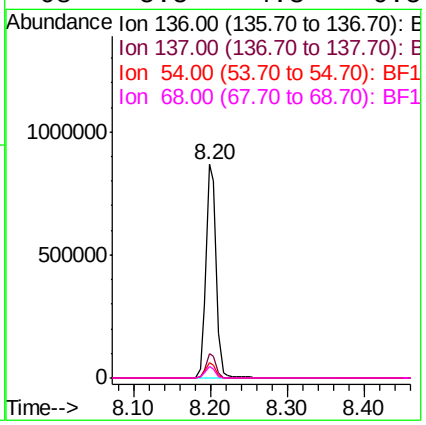


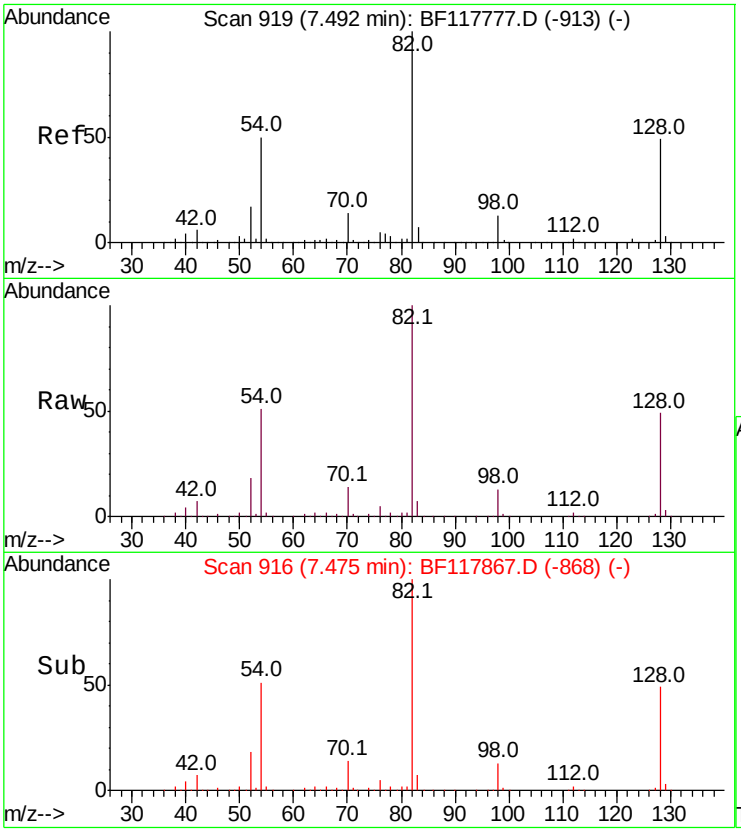


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion:136 Resp: 796965

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.3	5.4	8.2
68	5.5	4.3	6.5



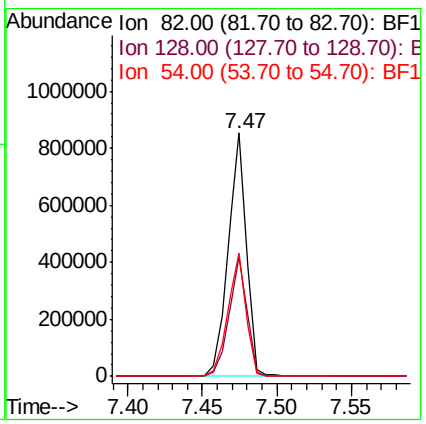


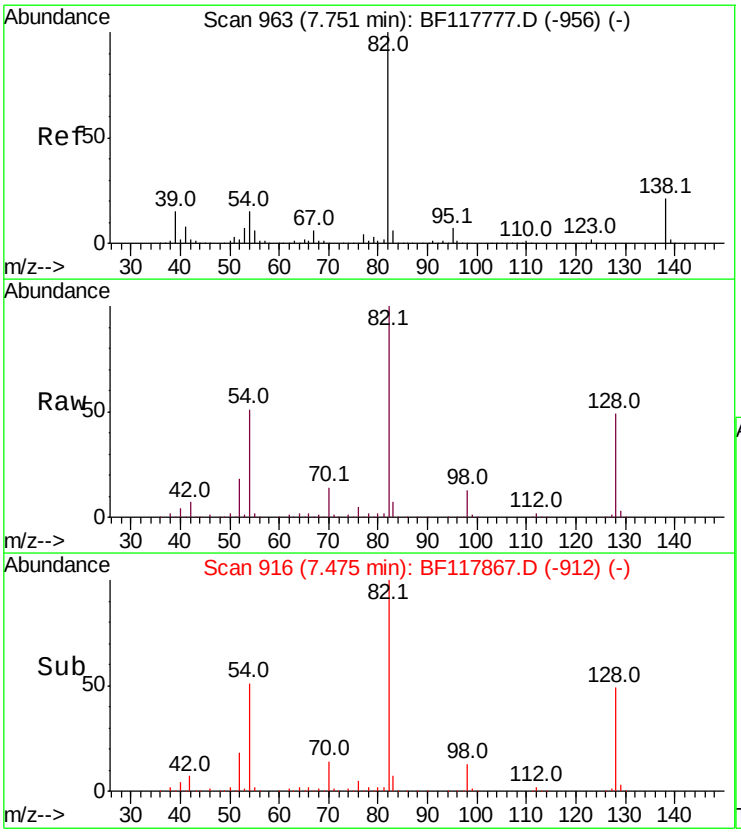
#23
Nitrobenzene-d5
Concen: 55.700 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 746748

Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.9	58.3
54	50.8	39.8	59.6

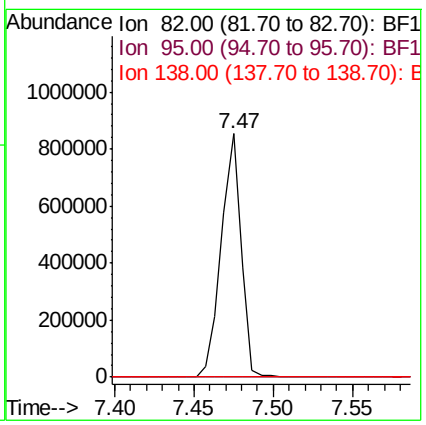


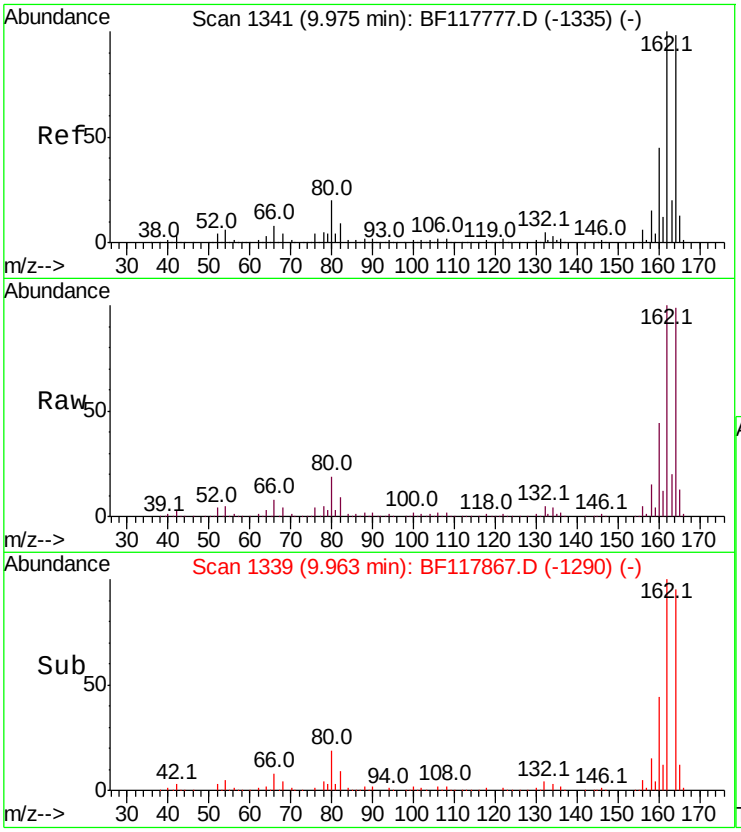


#25
Isophorone
Concen: 30.389 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion: 82 Resp: 746732

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



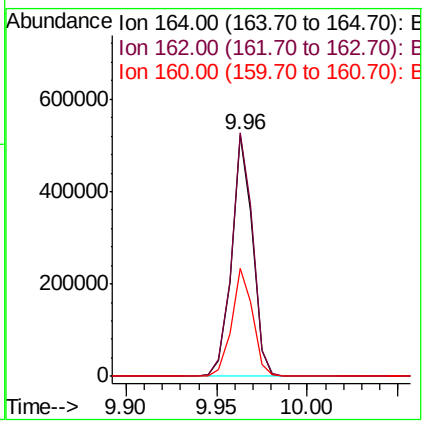


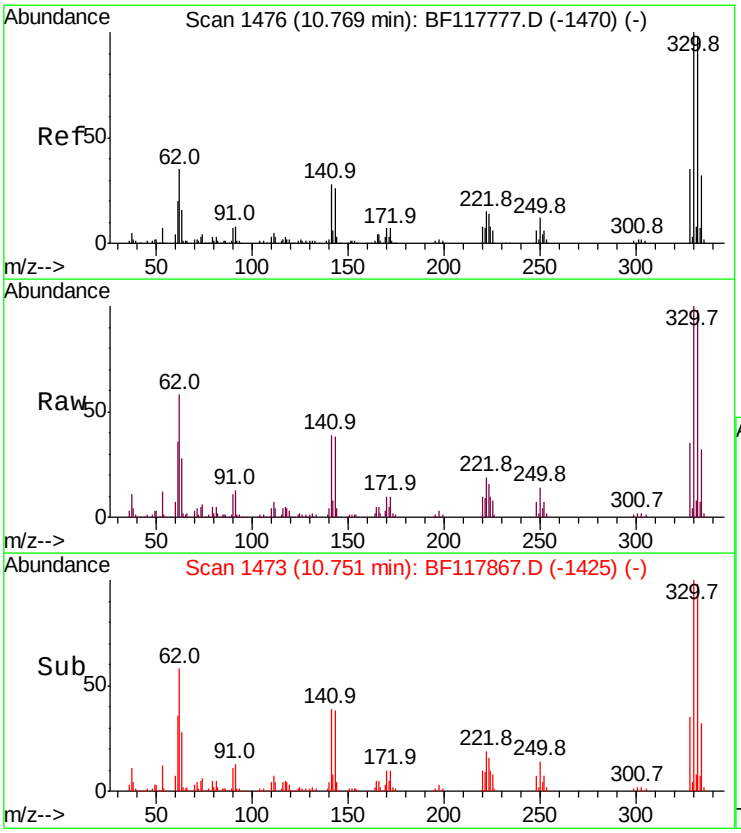
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 418332

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.3	121.9
160	44.6	36.6	55.0

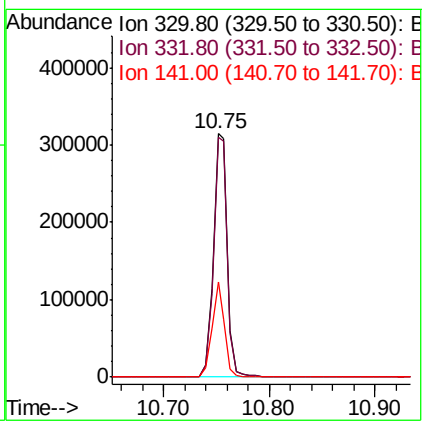


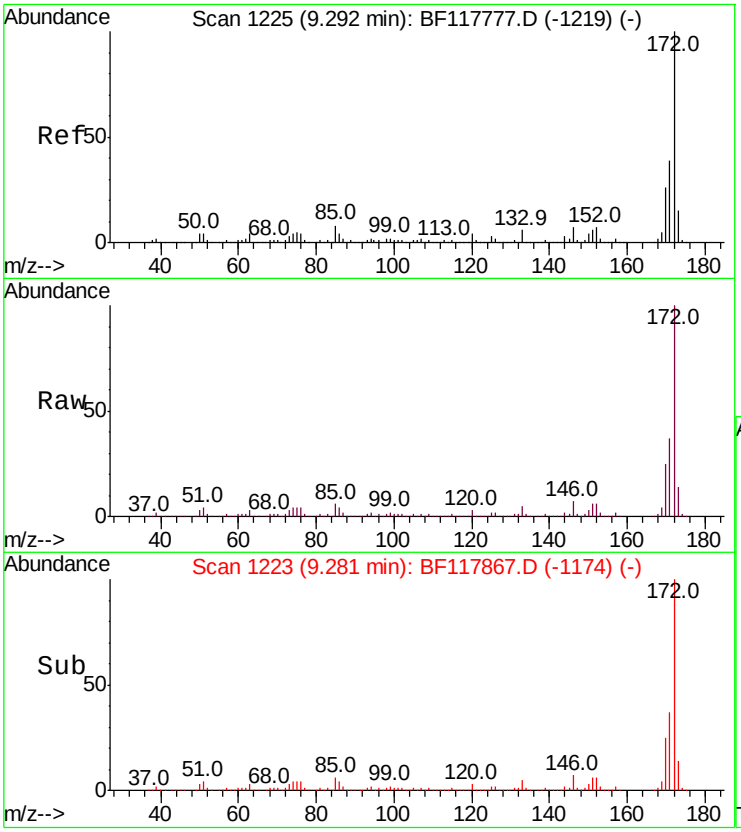


#42
2,4,6-Tribromophenol
Concen: 66.638 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.02 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion:330 Resp: 295127

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.7	115.1
141	34.8	27.7	41.5



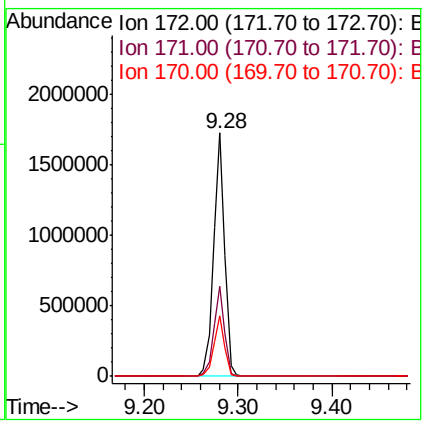


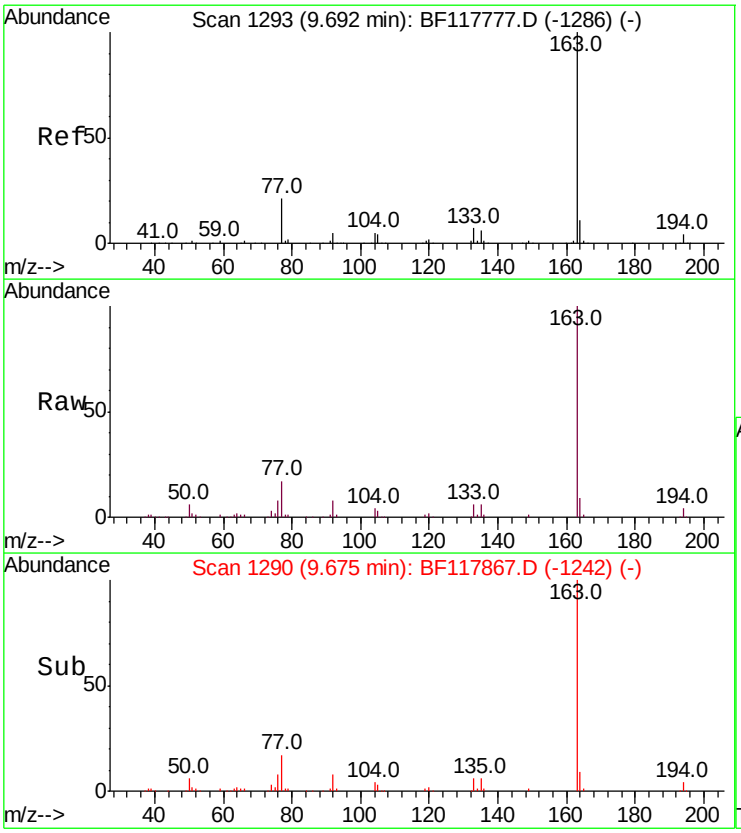
#45
2-Fluorobiphenyl
Concen: 62.000 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1445717

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.9	46.3
170	24.9	21.0	31.4

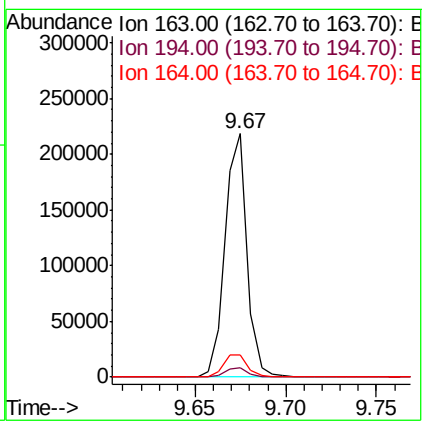


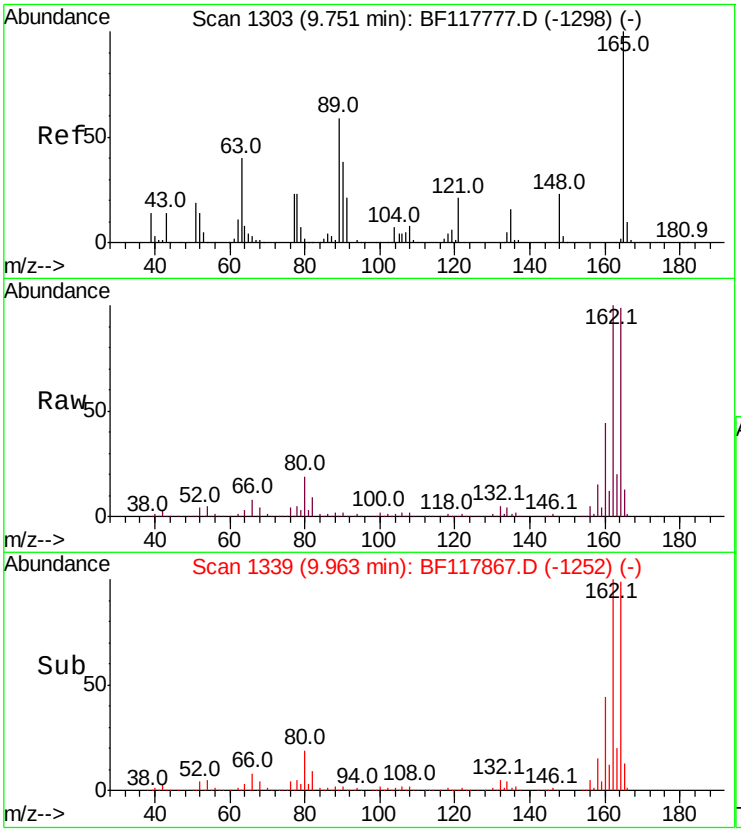


#50
Dimethylphthalate
Concen: 6.290 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion:163 Resp: 184506

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	8.9	8.7	13.1



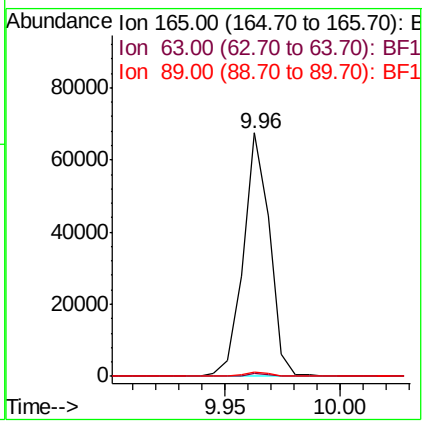


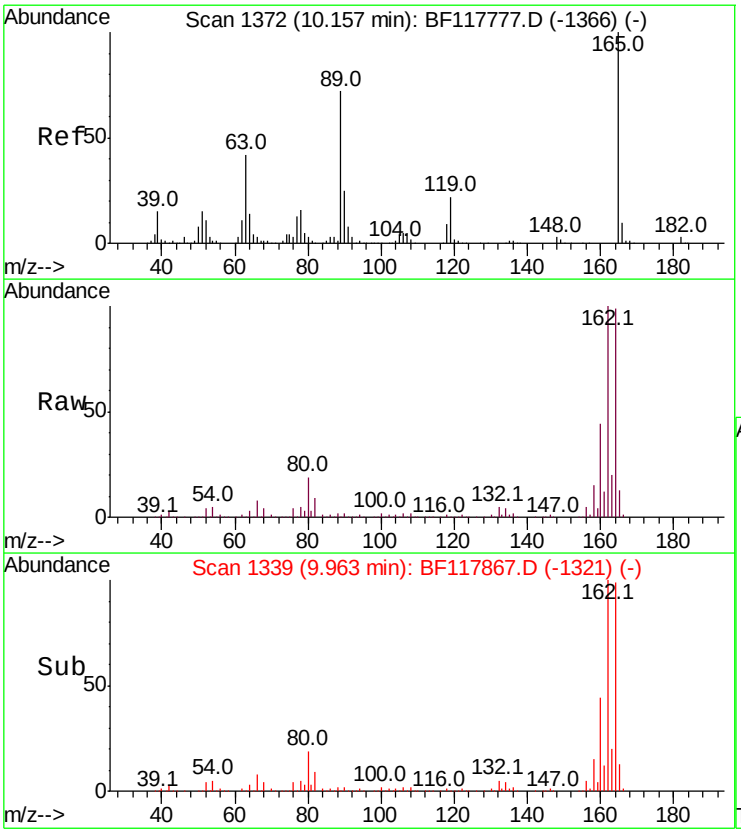
#51
2,6-Dinitrotoluene
Concen: 8.390 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.21 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 53788

Ion	Ratio	Lower	Upper
165	100		
63	1.4	46.0	69.0#
89	1.9	47.7	71.5#

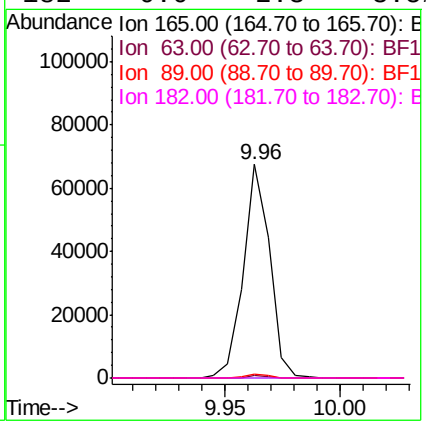


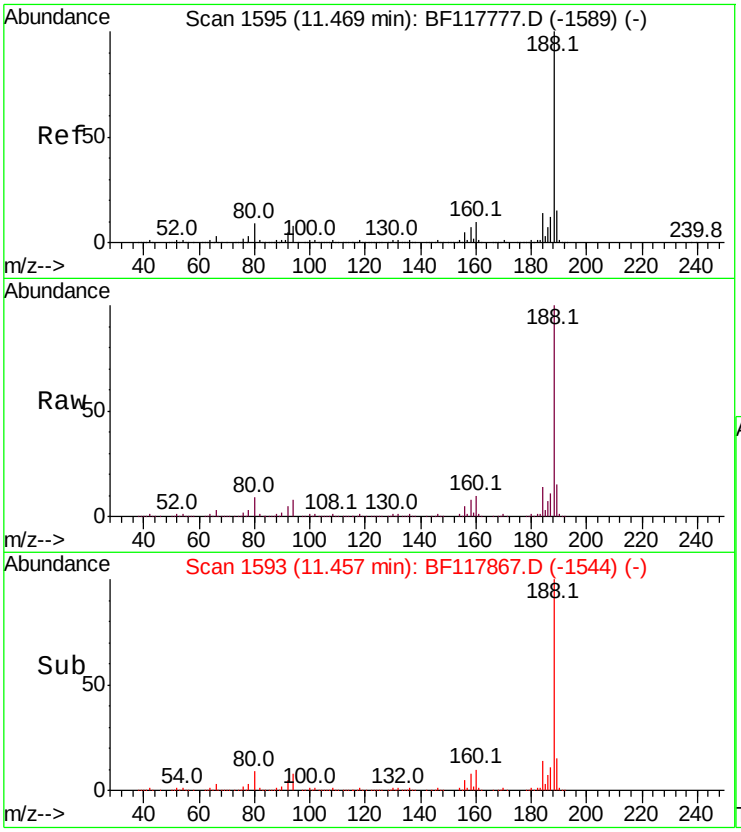


#57
2,4-Dinitrotoluene
Concen: 6.595 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion:165 Resp: 53788

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.7	50.5#
89	1.9	57.3	85.9#
182	0.0	2.3	3.5#



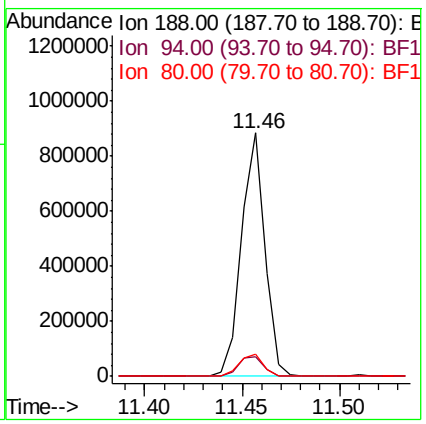


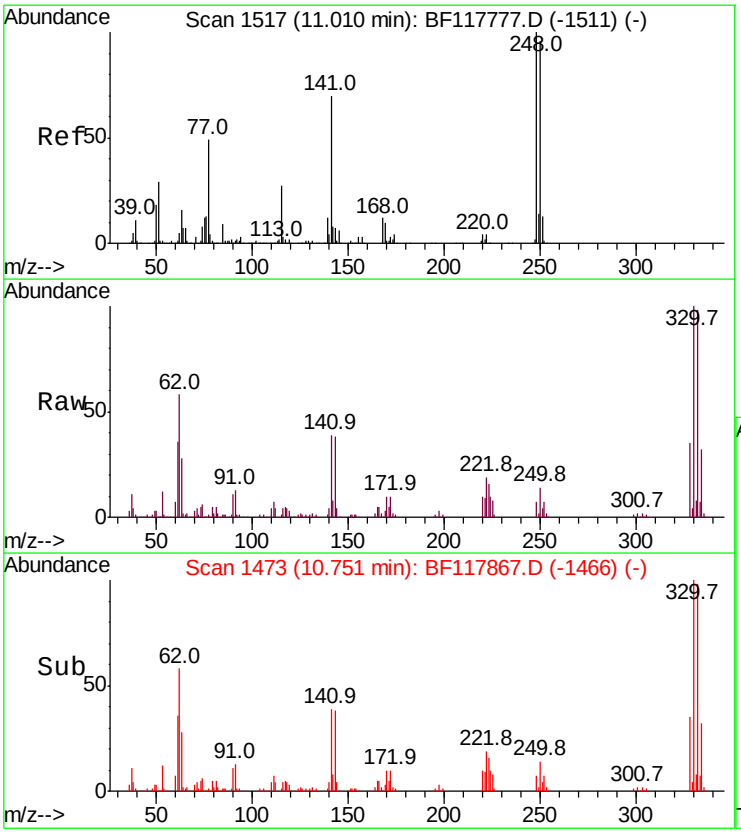
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 738024

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.6	10.0
80	8.9	7.2	10.8

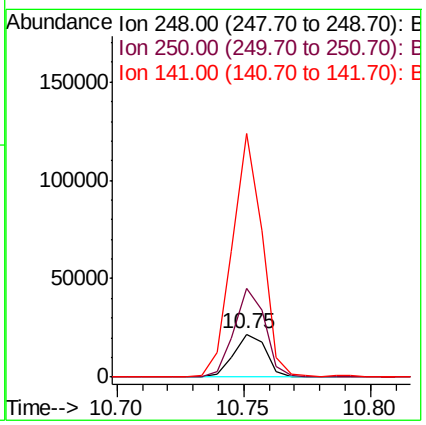


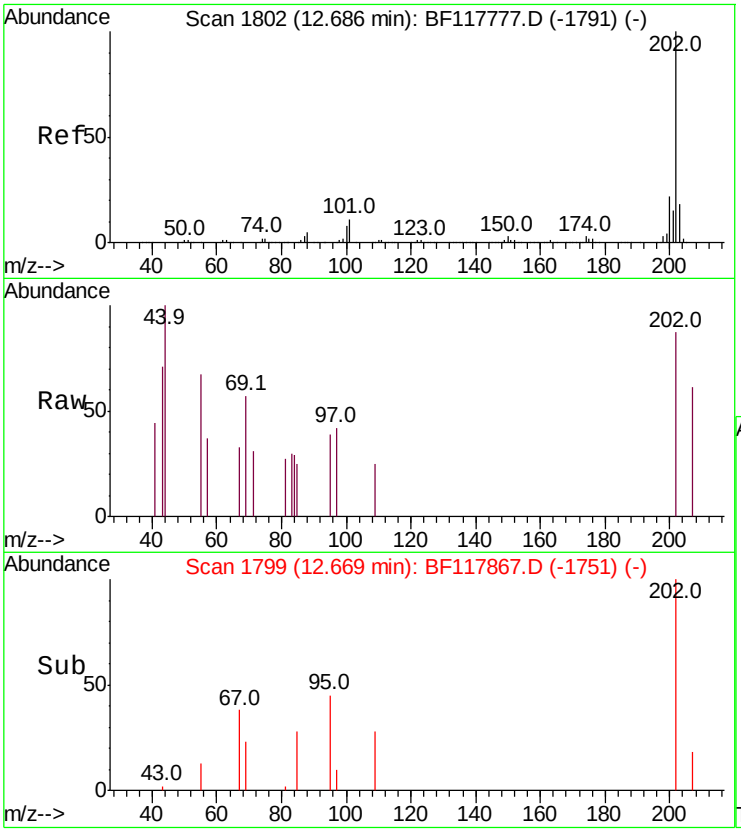


#67
4-Bromophenyl-phenylether
Concen: 2.405 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.26 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion:248 Resp: 19151

Ion	Ratio	Lower	Upper
248	100		
250	203.9	76.6	115.0#
141	562.5	55.9	83.9#



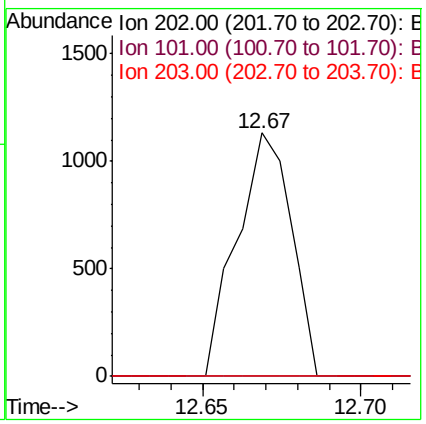


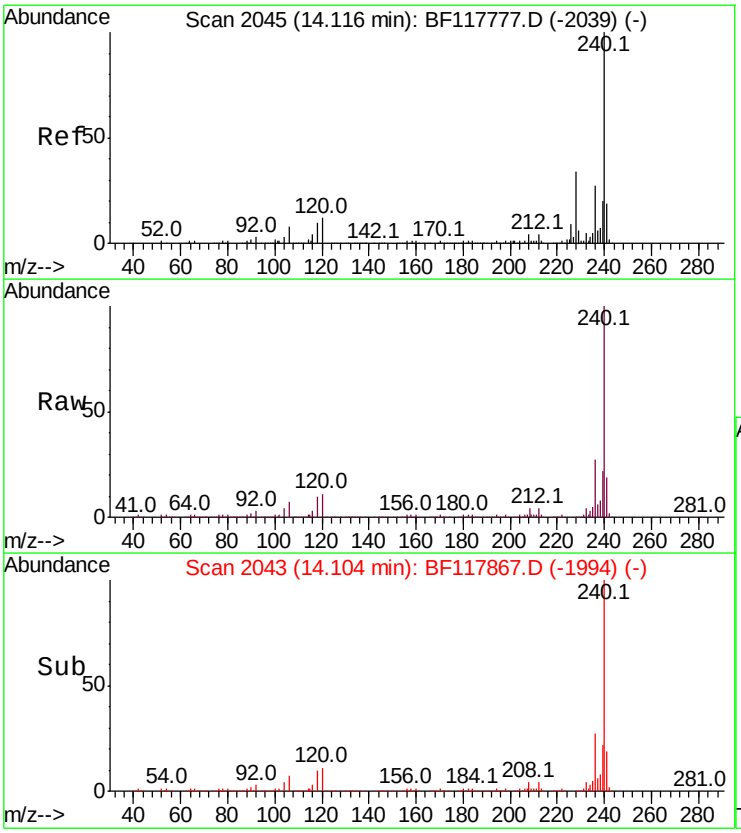
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1354

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

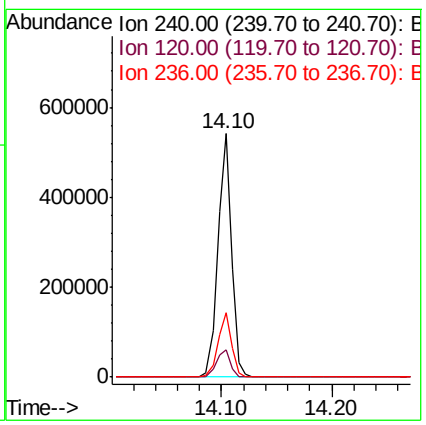


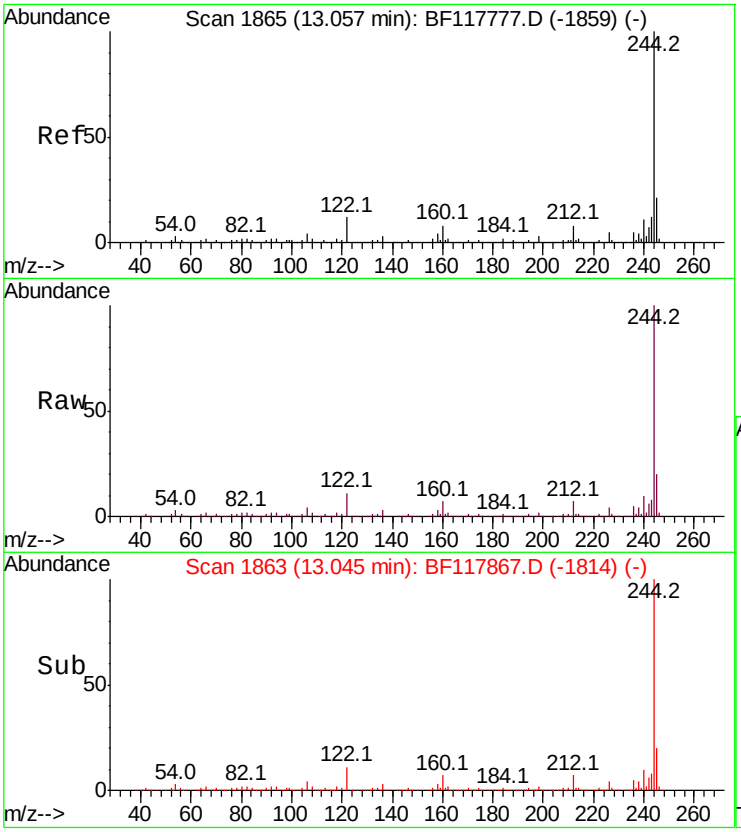


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion:240 Resp: 462100

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.7	21.3	31.9



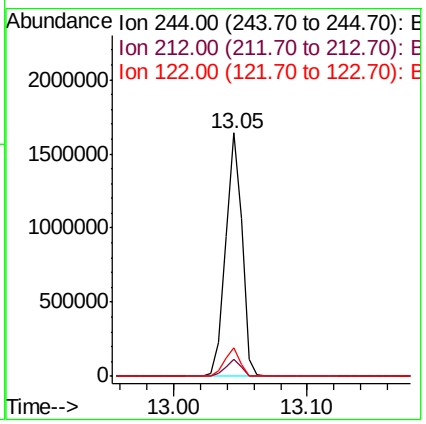


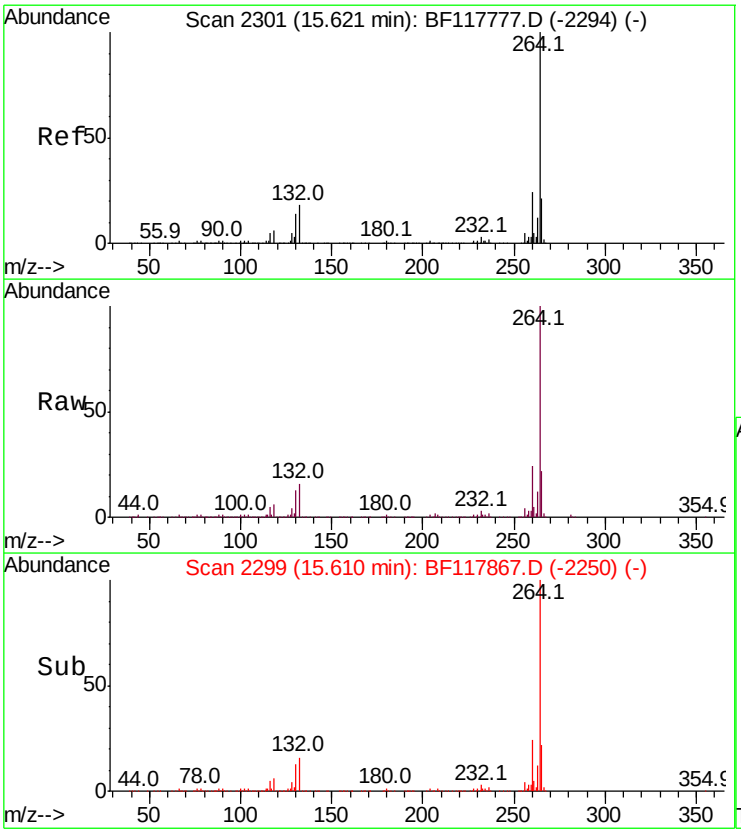
#79
Terphenyl-d14
Concen: 56.260 ng
RT: 13.05 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BF117867.D
Acq: 19 Nov 2019 18:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1422501

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.3	9.5
122	11.5	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: BF117867.D
Acq: 19 Nov 2019 18:47

Tgt Ion:264 Resp: 477080

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.7	17.1	25.7