Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117957.D
Acq On : 23 Nov 2019 15:33
Operator : JU
Sample : K5972-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 25 07:51:18 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	6.90	152	135616	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	530538	20.00	ng		-0.02
39) Acenaphthene-d10	9.95	164	302088	20.00	ng		-0.02
64) Phenanthrene-d10	11.44	188	491203	20.00	ng		-0.02
76) Chrysene-d12	14.09	240	388083	20.00	ng		-0.02
87) Perylene-d12	15.59	264	487549	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	567358	74.05	ng		-0.02
7) Phenol-d6	6.52	99	471826	51.06	ng		-0.02
23) Nitrobenzene-d5	7.46	82	752109	84.27	ng		-0.03
42) 2,4,6-Tribromophenol	10.75	330	408548	127.74	ng		-0.02
45) 2-Fluorobiphenyl	9.27	172	1331002	79.05	ng		-0.02
79) Terphenyl-d14	13.04	244	1736179	81.76	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	860	Below Cal		#	1
10) Phenol	6.53	94	36646	3.816	ng		93
19) n-Nitroso-di-n-propylamine	7.46	70	100610	17.648	ng	#	75
25) Isophorone	7.46	82	745527	45.577	ng	#	62
50) Dimethylphthalate	9.66	163	285858	13.494	ng		98
57) 2,4-Dinitrotoluene	9.95	165	38671	6.566	ng	#	26
67) 4-Bromophenyl-phenylether	10.75	248	25096	4.735	ng	#	1
75) Fluoranthene	12.66	202	4066	Below Cal			93

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

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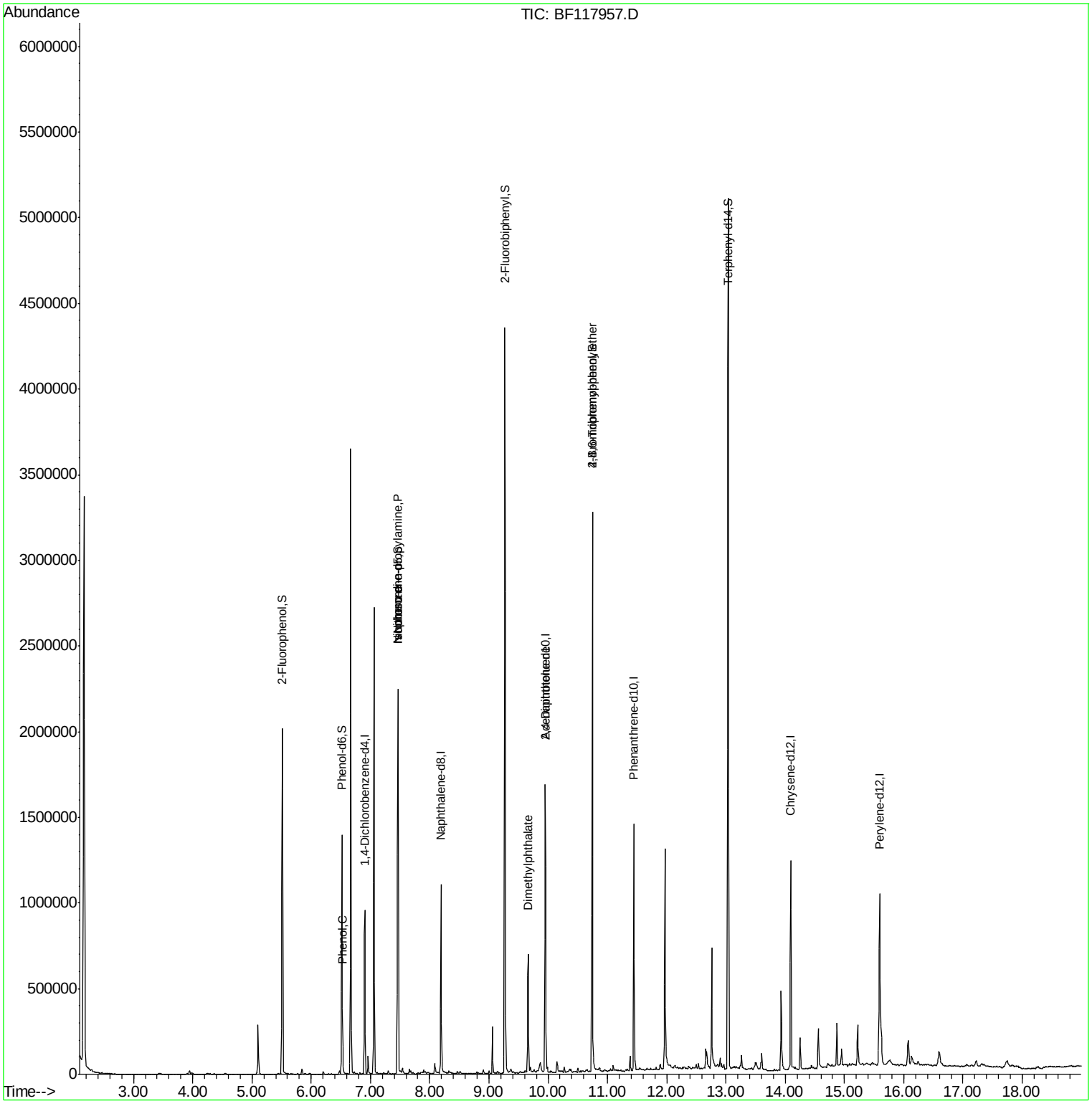
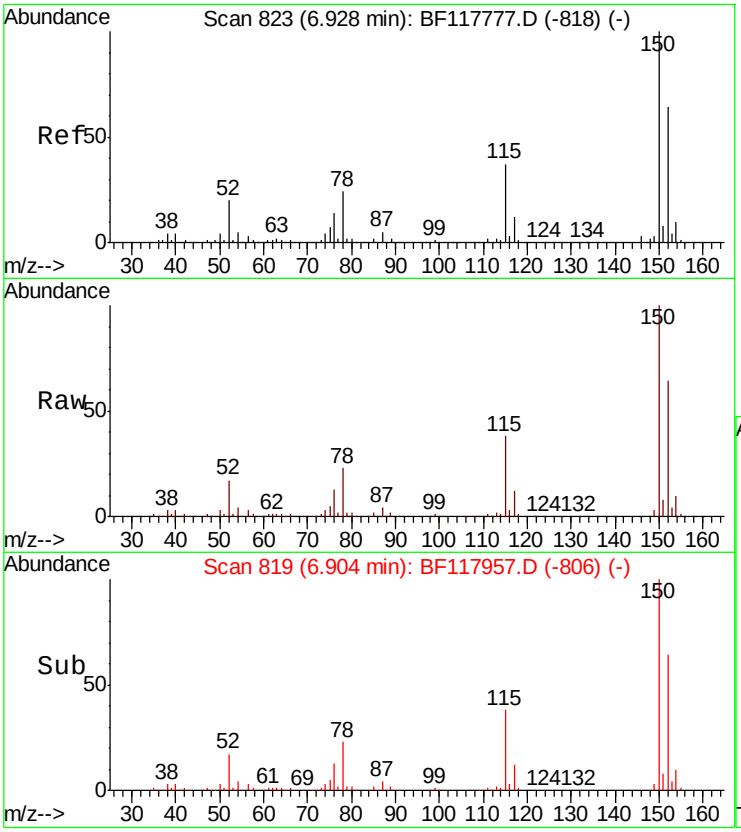


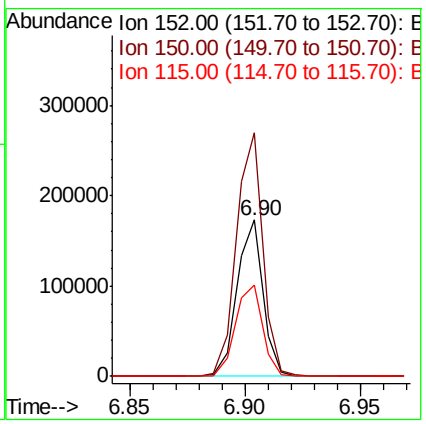


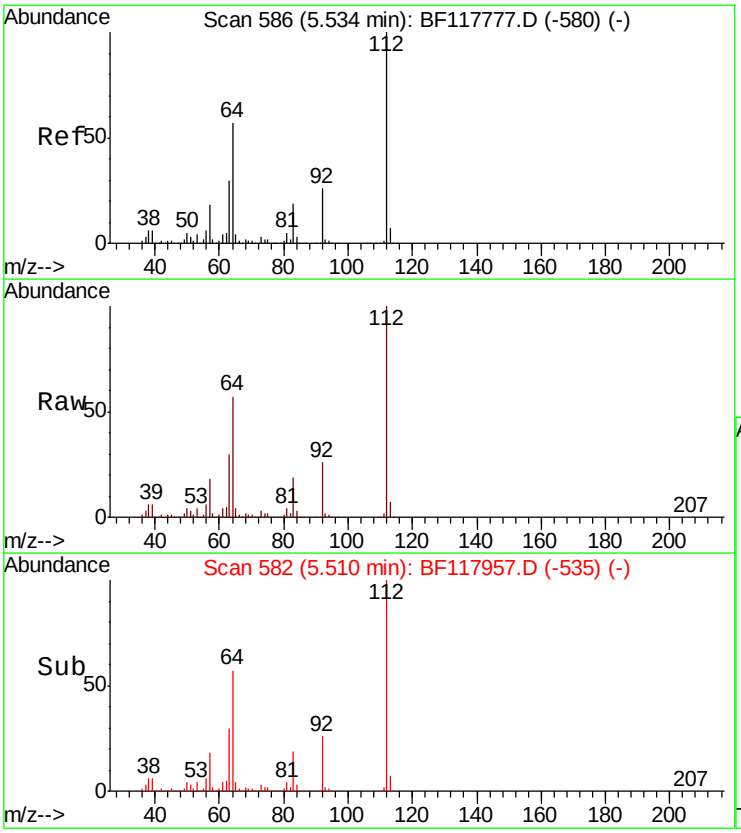
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 135616

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.3	187.9
115	58.7	47.0	70.4

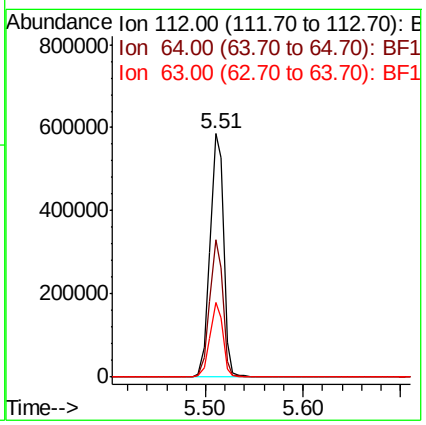


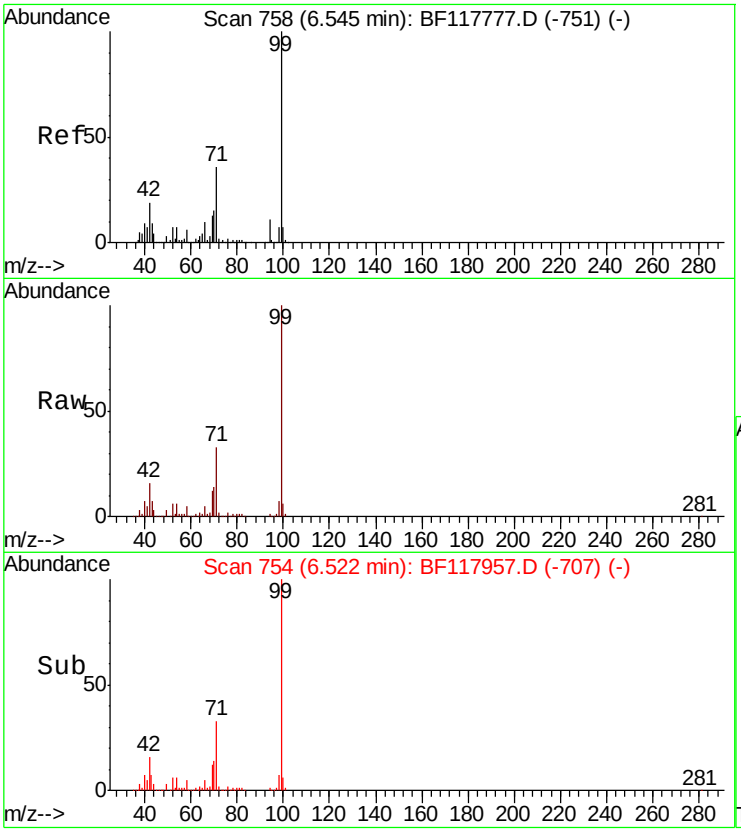


#5
2-Fluorophenol
Concen: 74.053 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion:112 Resp: 567358

Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.6	68.4
63	30.5	24.1	36.1



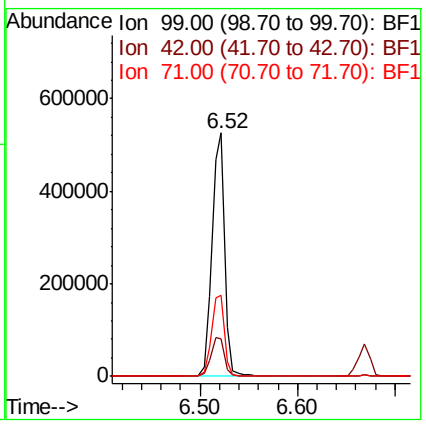


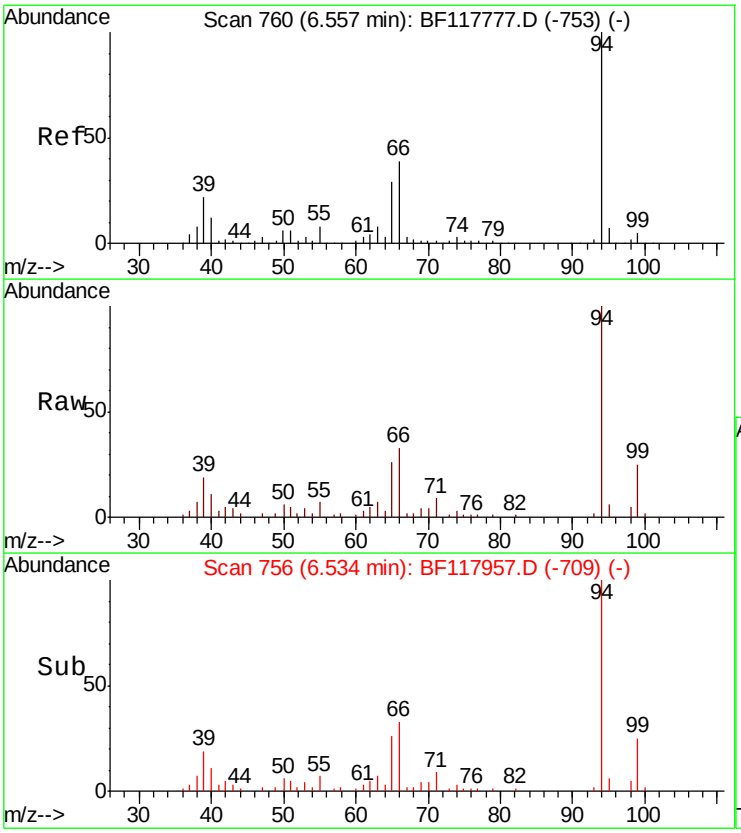
#7
Phenol-d6
Concen: 51.058 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 471826

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.9	22.3
71	33.0	28.6	43.0

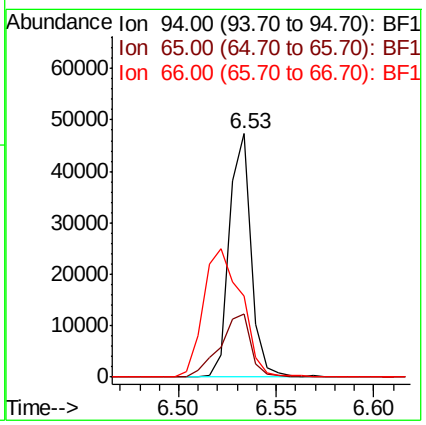


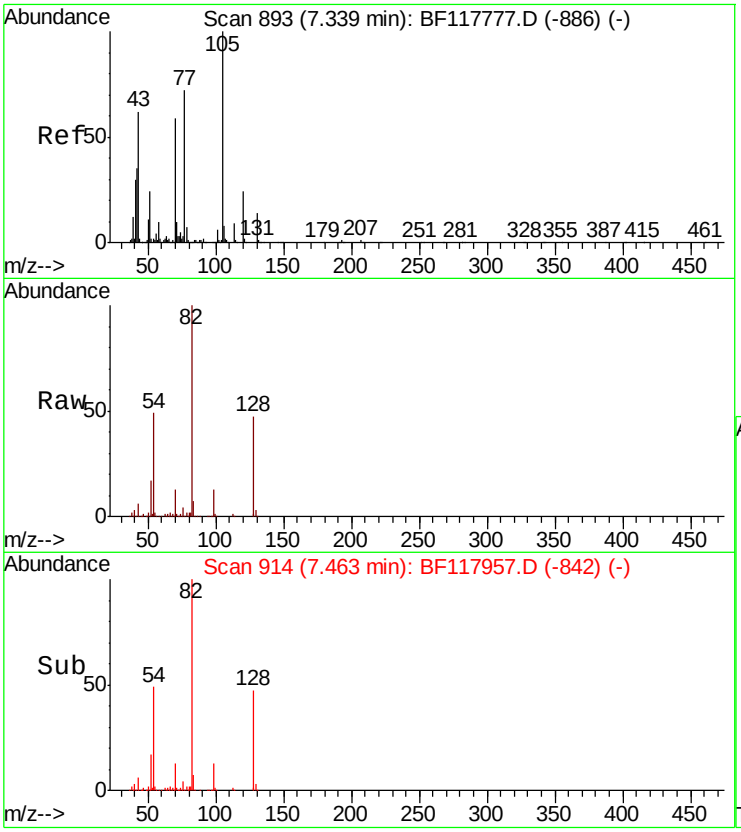


#10
Phenol
Concen: 3.816 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion: 94 Resp: 36646

Ion	Ratio	Lower	Upper
94	100		
65	25.9	8.9	48.9
66	33.4	18.7	58.7



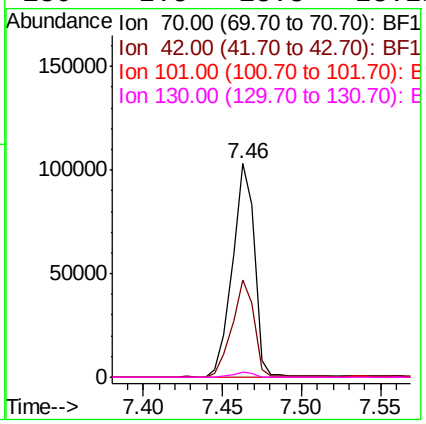


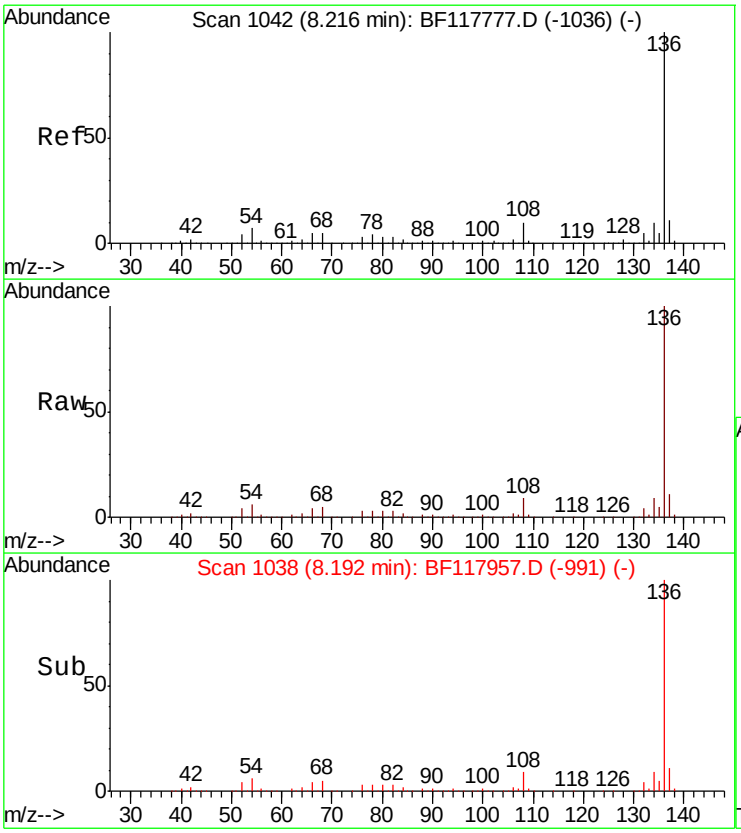
#19
n-Nitroso-di-n-propylamine
Concen: 17.648 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.12 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 100610

Ion	Ratio	Lower	Upper
70	100		
42	45.7	47.4	71.2#
101	0.0	8.4	12.6#
130	2.5	18.8	28.2#

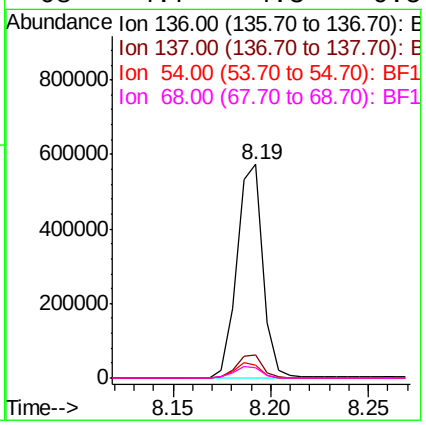


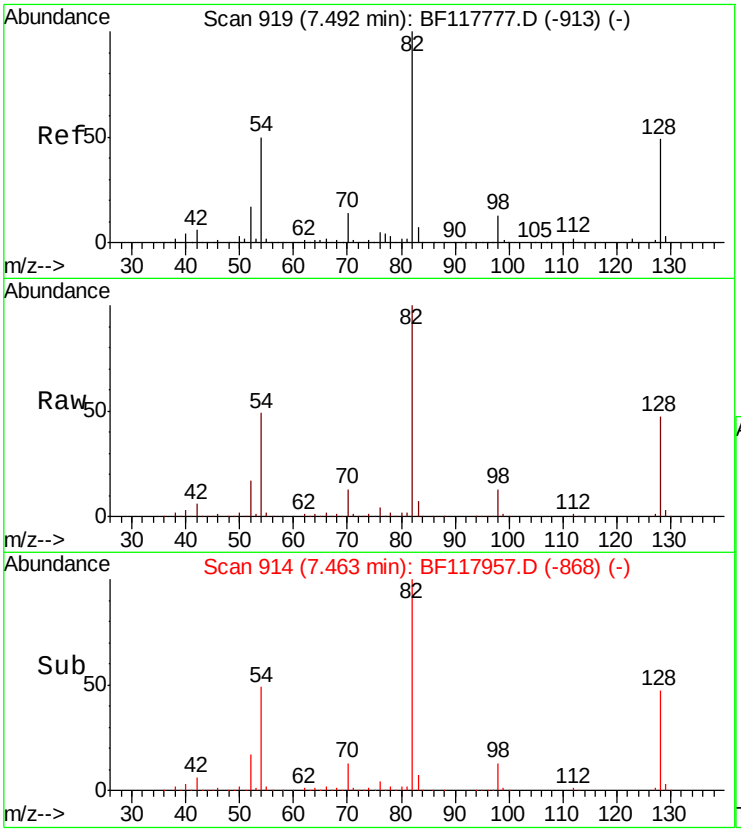


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion:136 Resp: 530538

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.1	5.4	8.2
68	4.7	4.3	6.5



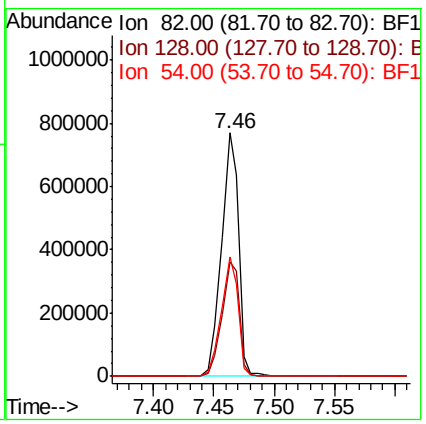


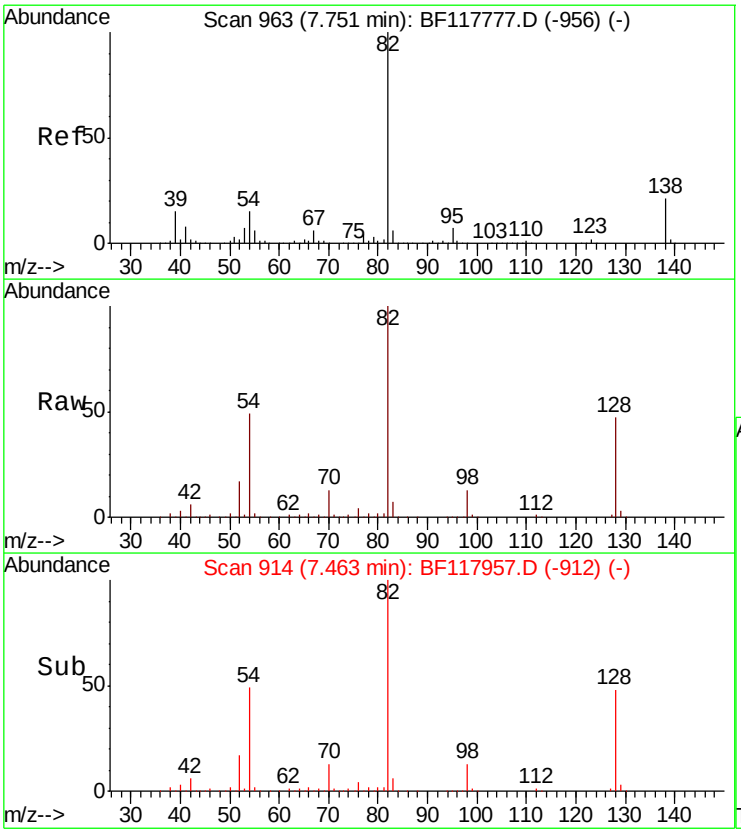
#23
Nitrobenzene-d5
Concen: 84.273 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 752109

Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.9	58.3
54	49.3	39.8	59.6

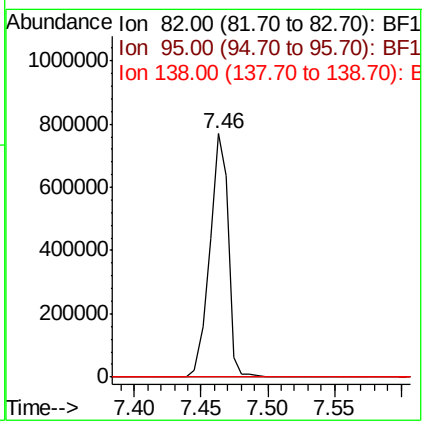


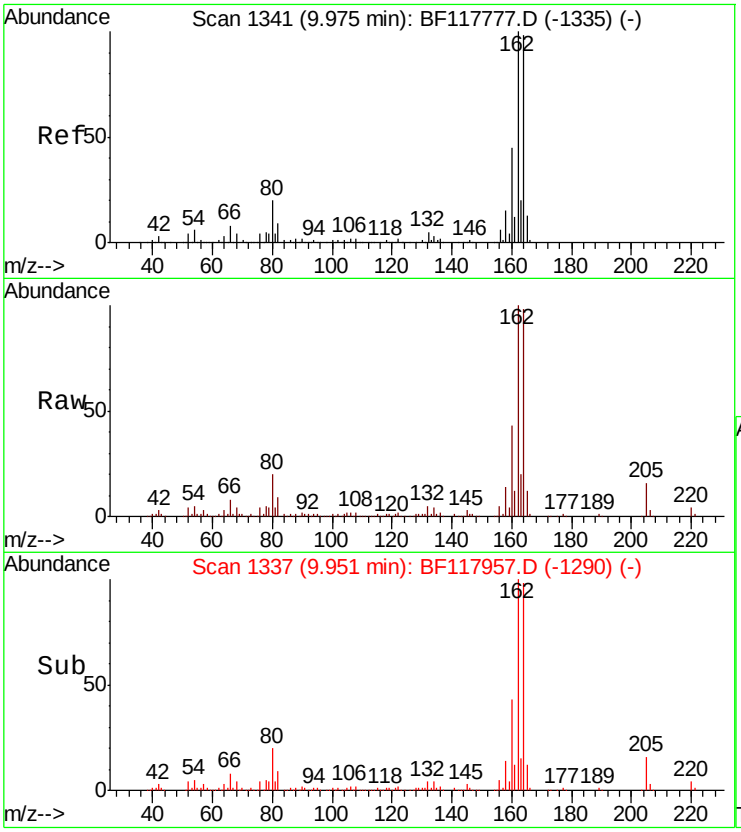


#25
Isophorone
Concen: 45.577 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.29 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion: 82 Resp: 745527

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



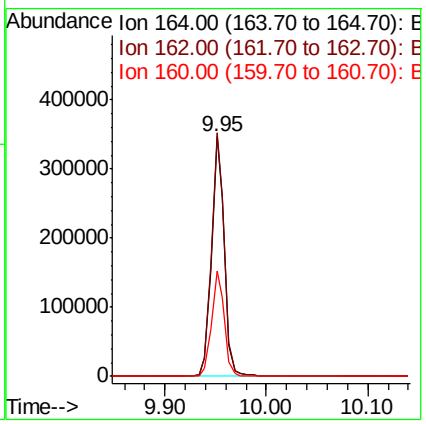


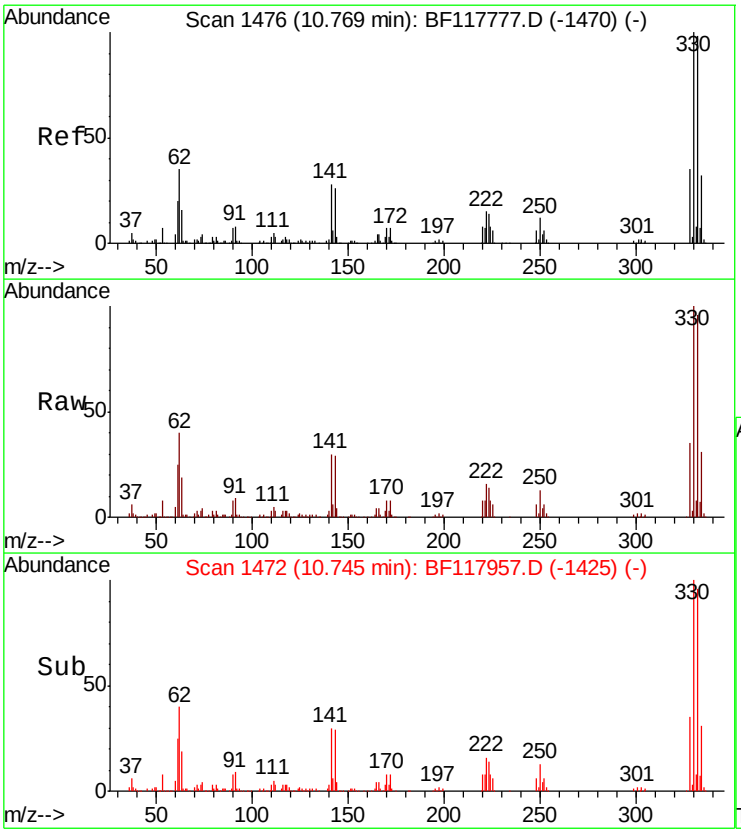
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 302088

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	44.1	36.6	55.0

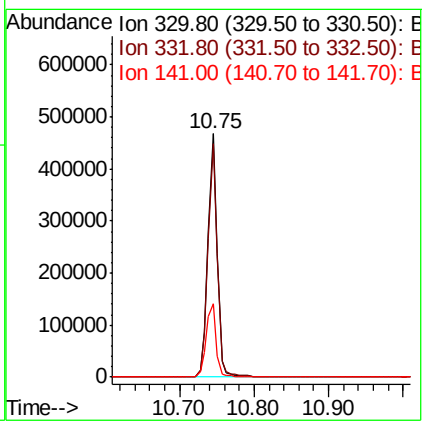


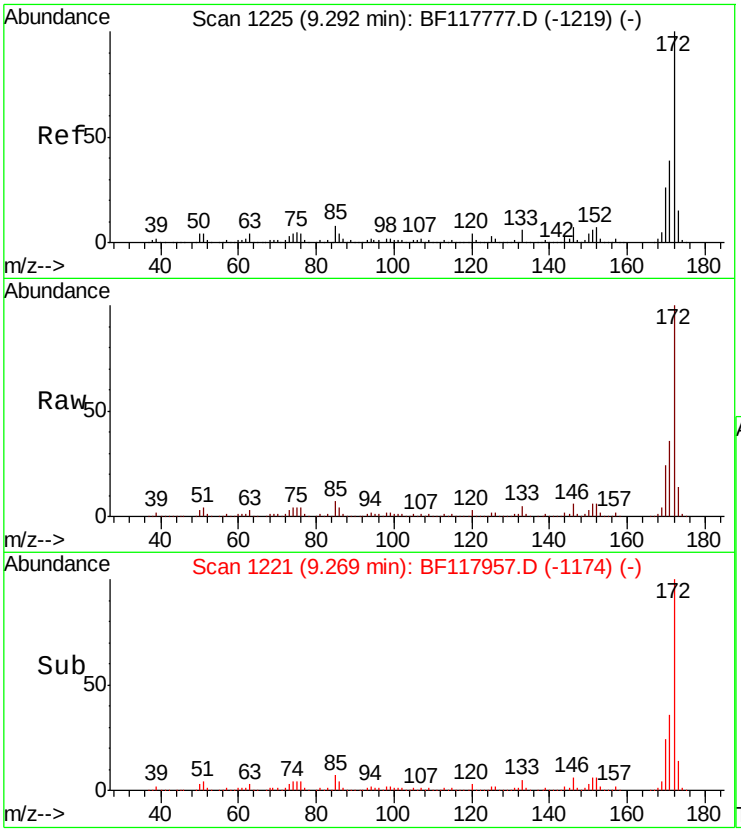


#42
2,4,6-Tribromophenol
Concen: 127.744 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion:330 Resp: 408548

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.7	115.1
141	32.4	27.7	41.5



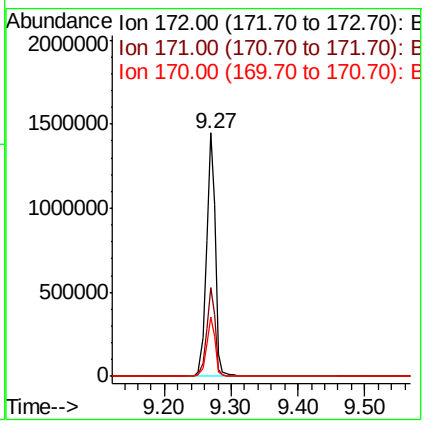


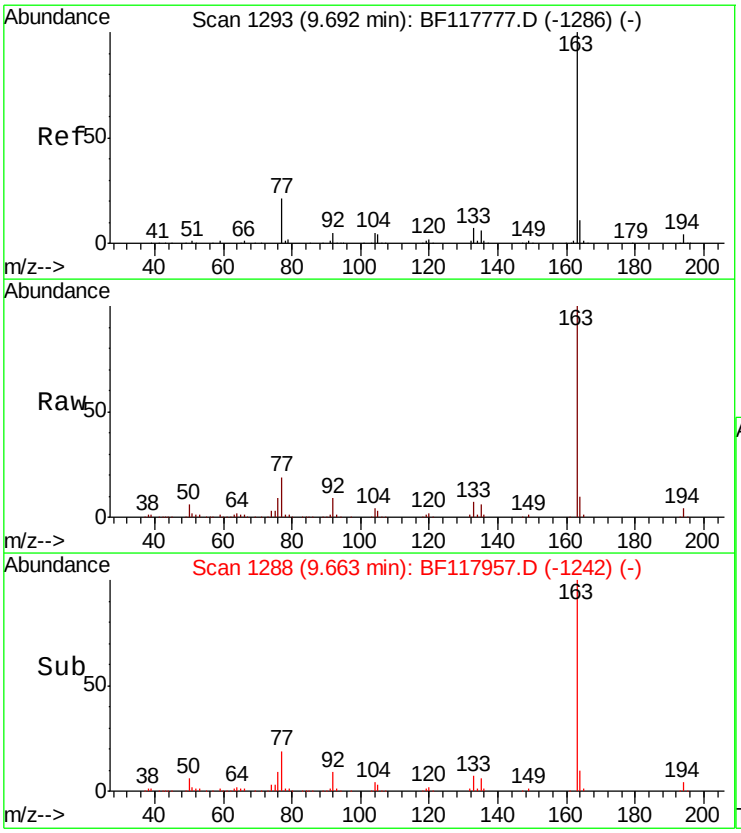
#45
2-Fluorobiphenyl
Concen: 79.045 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1331002

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.9	46.3
170	24.2	21.0	31.4

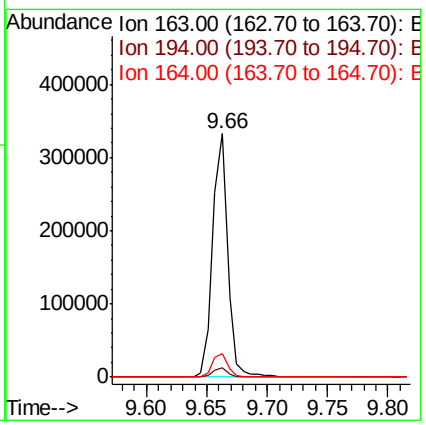


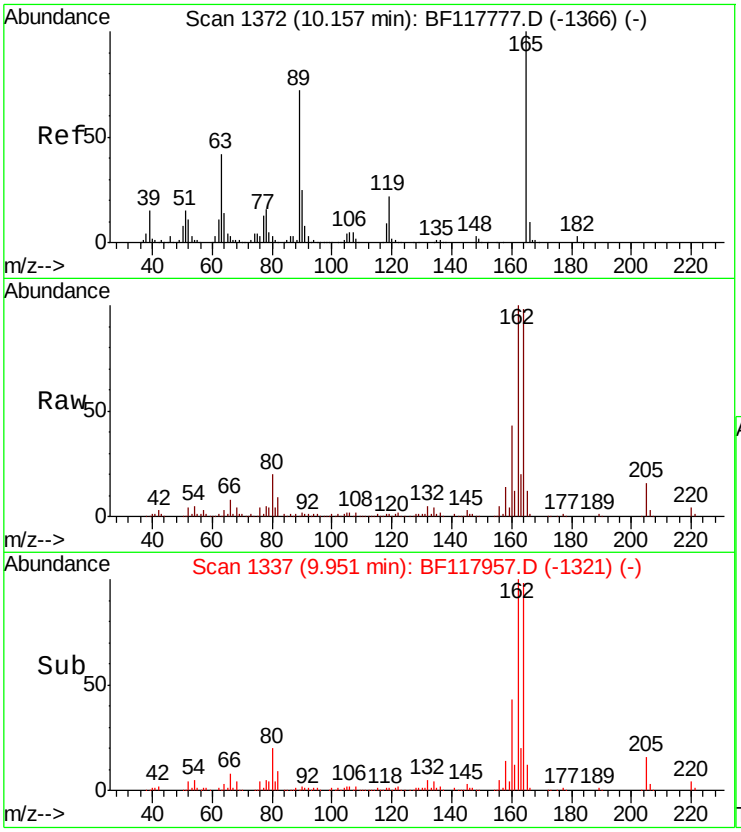


#50
Dimethylphthalate
Concen: 13.494 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion:163 Resp: 285858

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.9	8.7	13.1



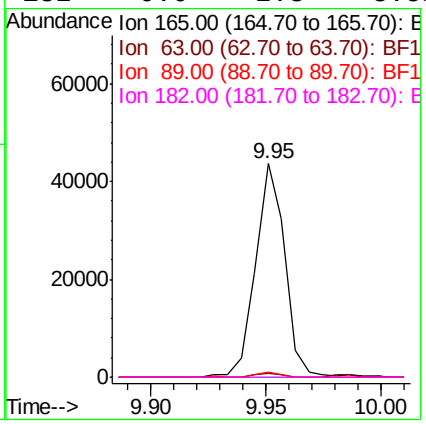


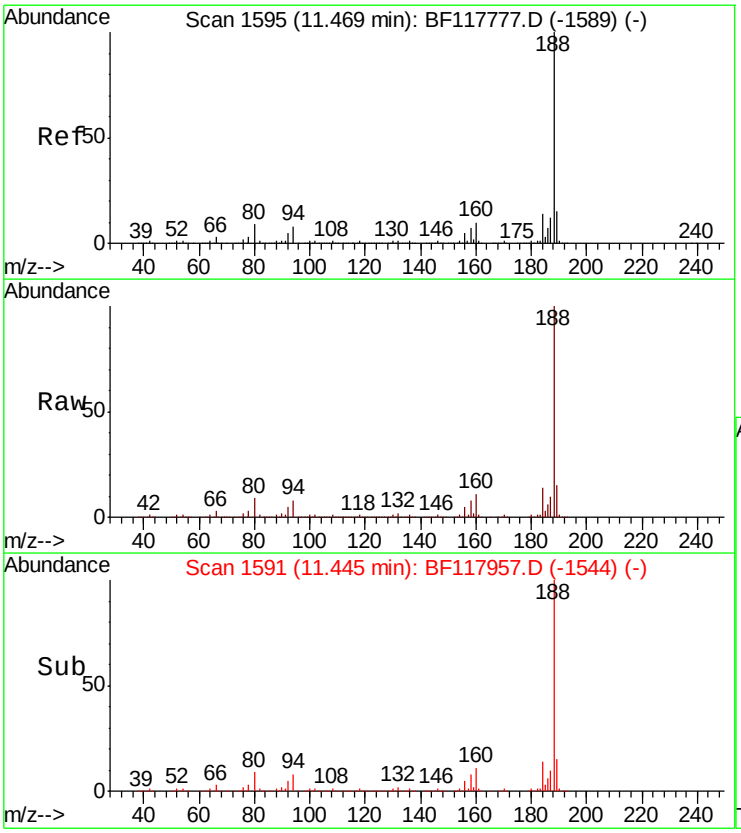
#57
2,4-Dinitrotoluene
Concen: 6.566 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.21 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 38671

Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.7	50.5#
89	2.5	57.3	85.9#
182	0.0	2.3	3.5#

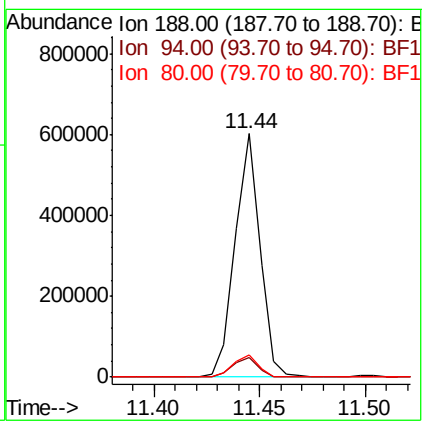


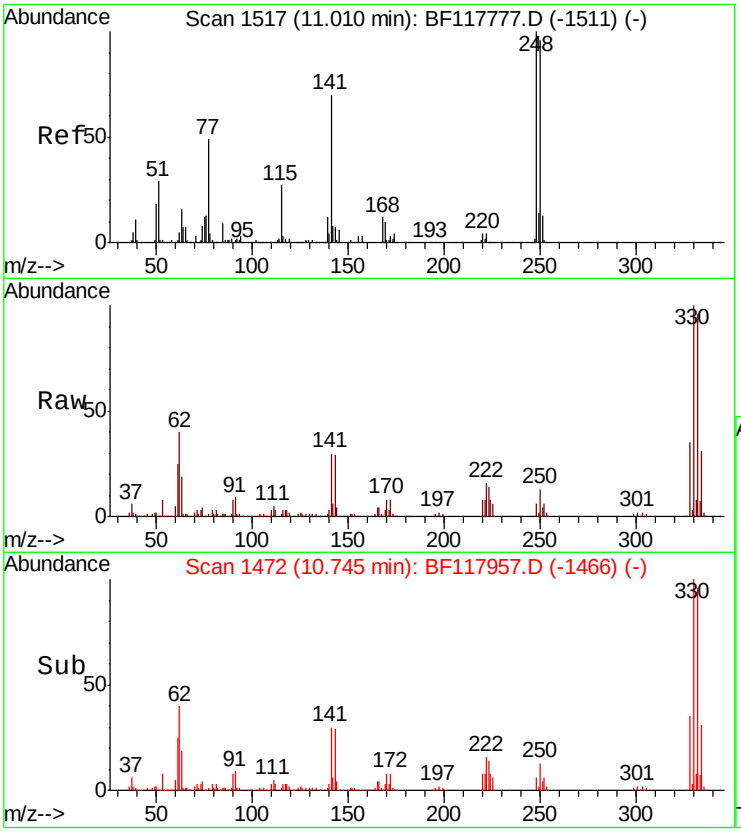


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion:188 Resp: 491203

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



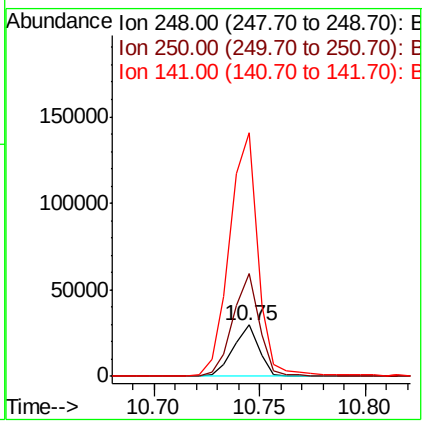


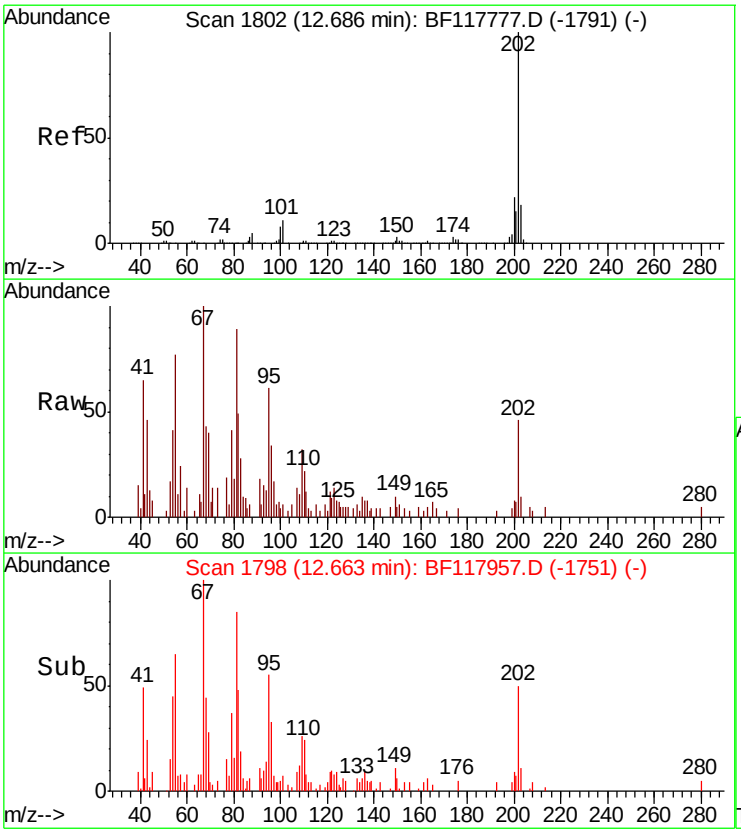
#67
4-Bromophenyl-phenylether
Concen: 4.735 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.26 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 25096

Ion	Ratio	Lower	Upper
248	100		
250	201.1	76.6	115.0#
141	476.1	55.9	83.9#

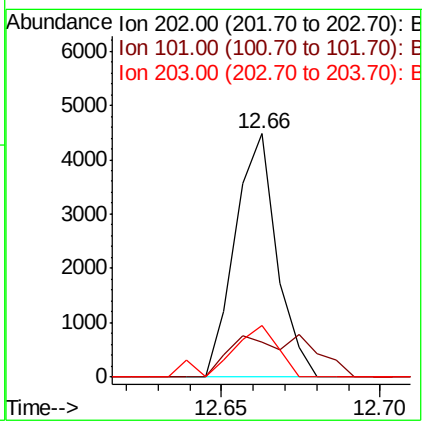


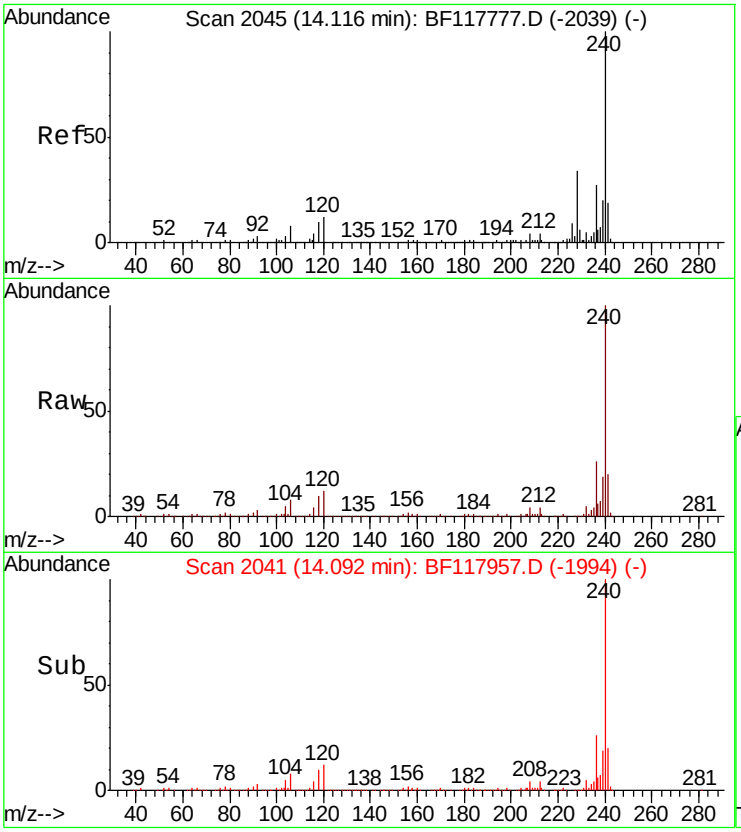


#75
Fluoranthene
Concen: Below Cal
RT: 12.66 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion:202 Resp: 4066

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	31.1
203	21.2	0.0	38.2



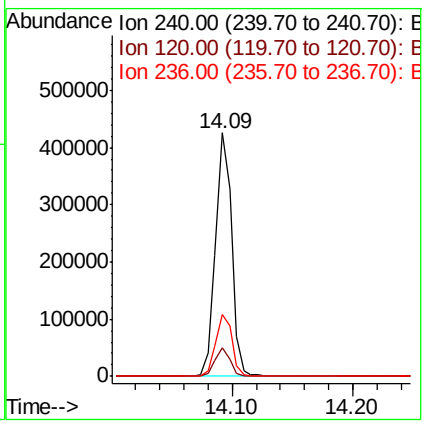


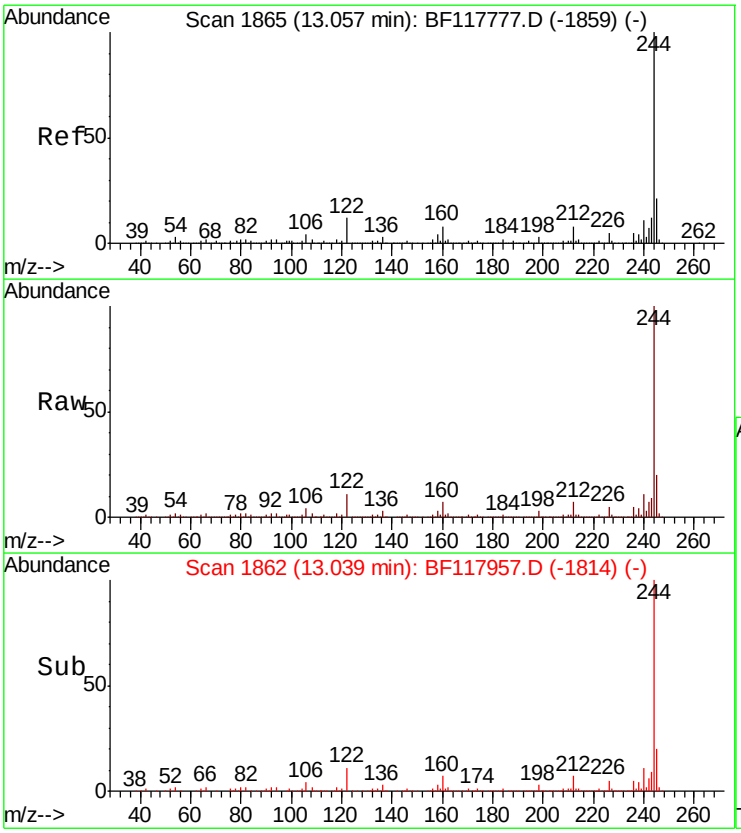
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 388083

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.6	21.3	31.9

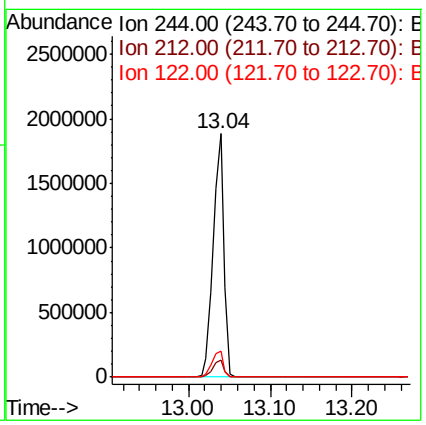


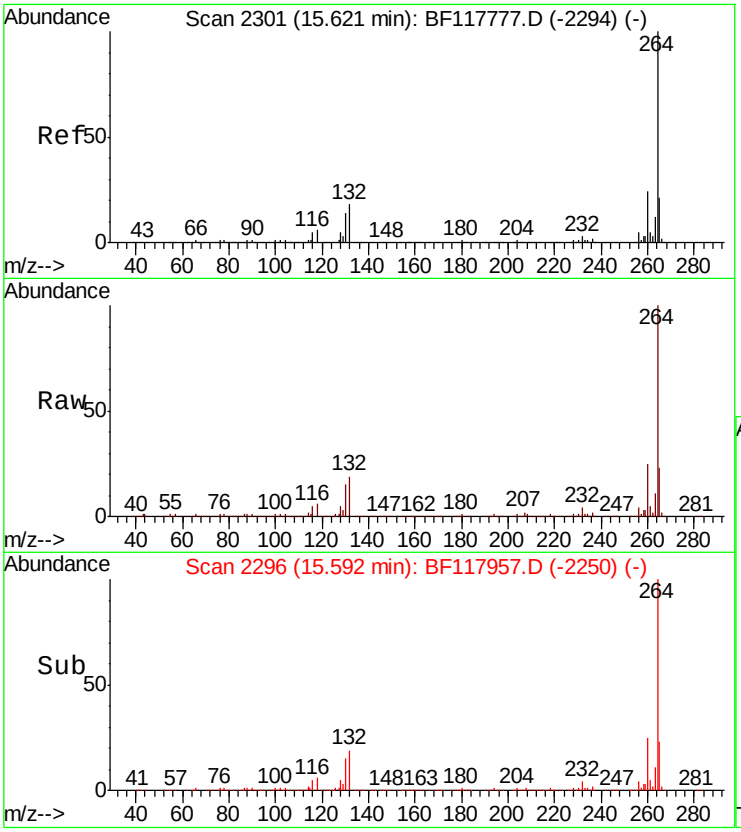


#79
Terphenyl-d14
Concen: 81.762 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Tgt Ion:244 Resp: 1736179

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	10.7	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.03 min
Lab File: BF117957.D
Acq: 23 Nov 2019 15:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 487549

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.7	17.1	25.7