Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
Data File : BF118102.D
Acq On : 4 Dec 2019 22:38
Operator : JU
Sample : K6098-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 05 00:41:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 15:16:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	160892	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	511413	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	260956	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	469732	20.00	ng		0.00
76) Chrysene-d12	14.07	240	326575	20.00	ng		0.00
87) Perylene-d12	15.57	264	405205	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	890636	97.99	ng		0.01
7) Phenol-d6	6.50	99	793990	72.42	ng		0.00
23) Nitrobenzene-d5	7.44	82	803113	93.35	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	449353	162.65	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1592777	109.50	ng		0.00
79) Terphenyl-d14	13.02	244	1731367	96.89	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	1479	Below Cal		#	1
10) Phenol	6.52	94	29597	2.598	ng		99
19) n-Nitroso-di-n-propylamine	7.44	70	107749	15.931	ng	#	74
25) Isophorone	7.44	82	803107	50.933	ng	#	63
50) Dimethylphthalate	9.63	163	285294	15.590	ng		99
57) 2,4-Dinitrotoluene	9.93	165	33779	6.640	ng	#	33
67) 4-Bromophenyl-phenylether	10.72	248	27745	5.474	ng	#	1
75) Fluoranthene	12.64	202	8602	Below Cal			97
77) Benzidine	13.01	184	23866	2.231	ng	#	89

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

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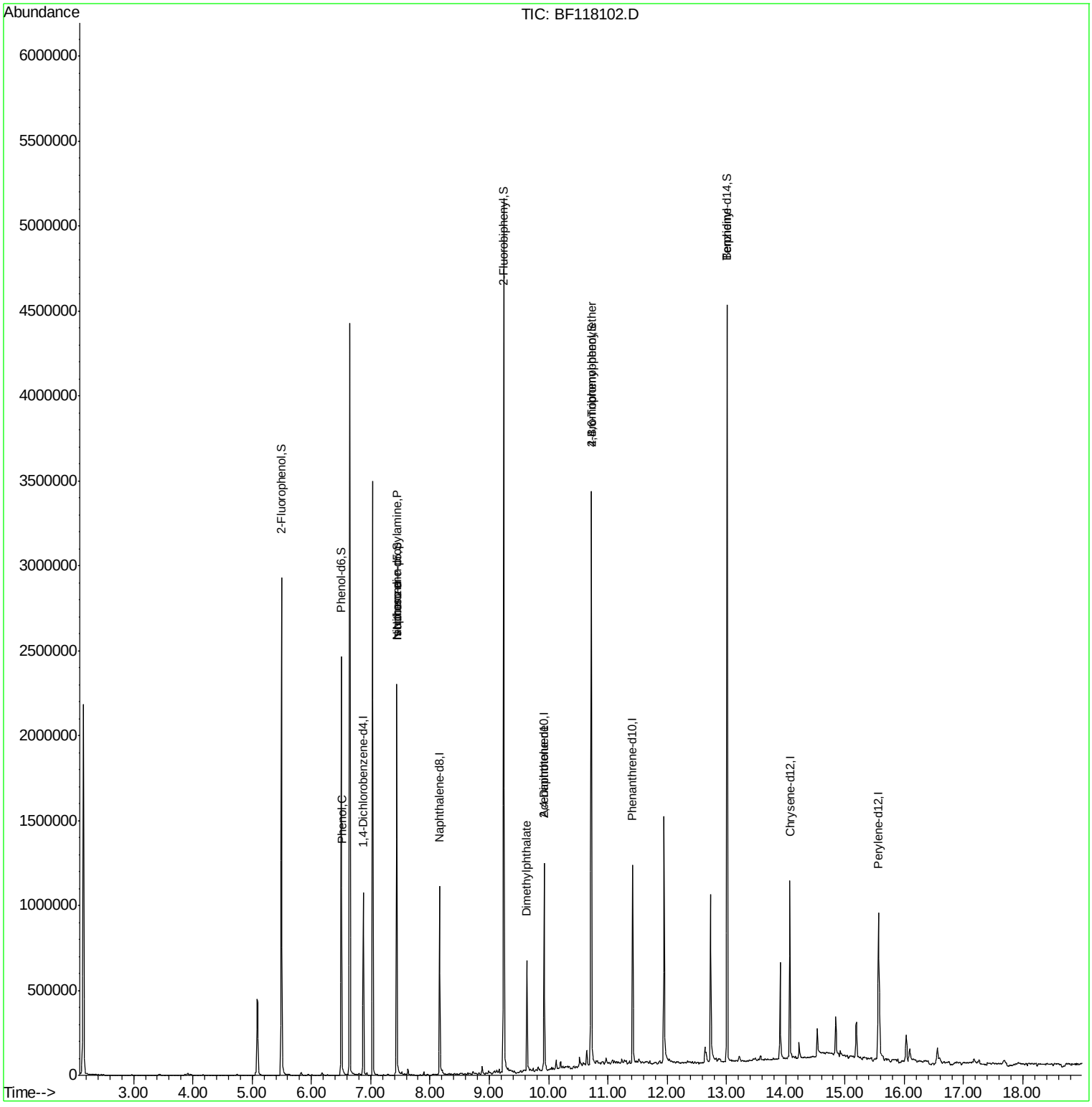
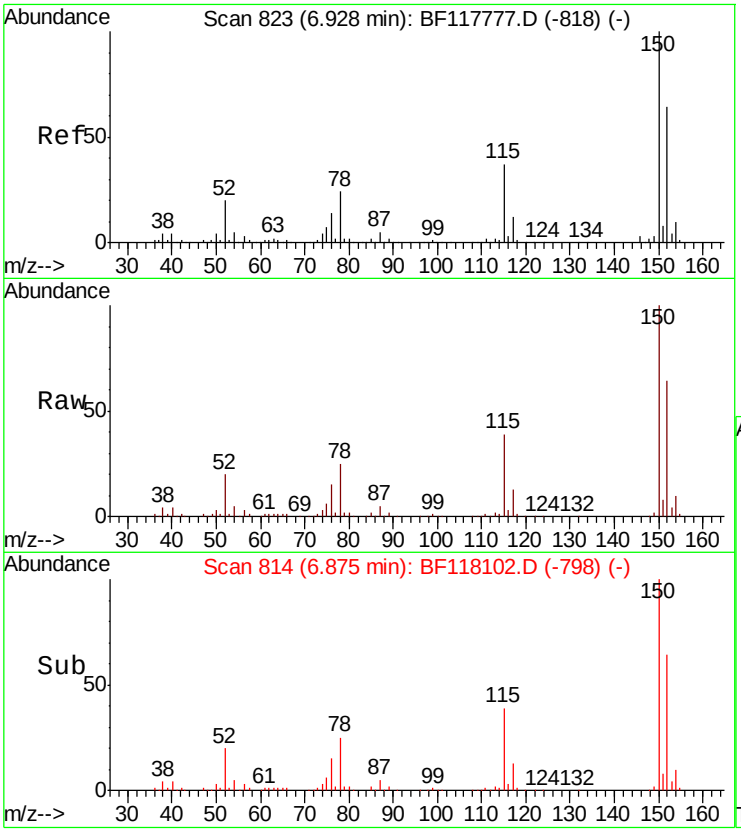


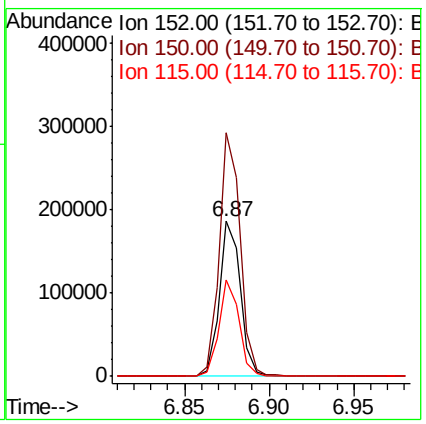


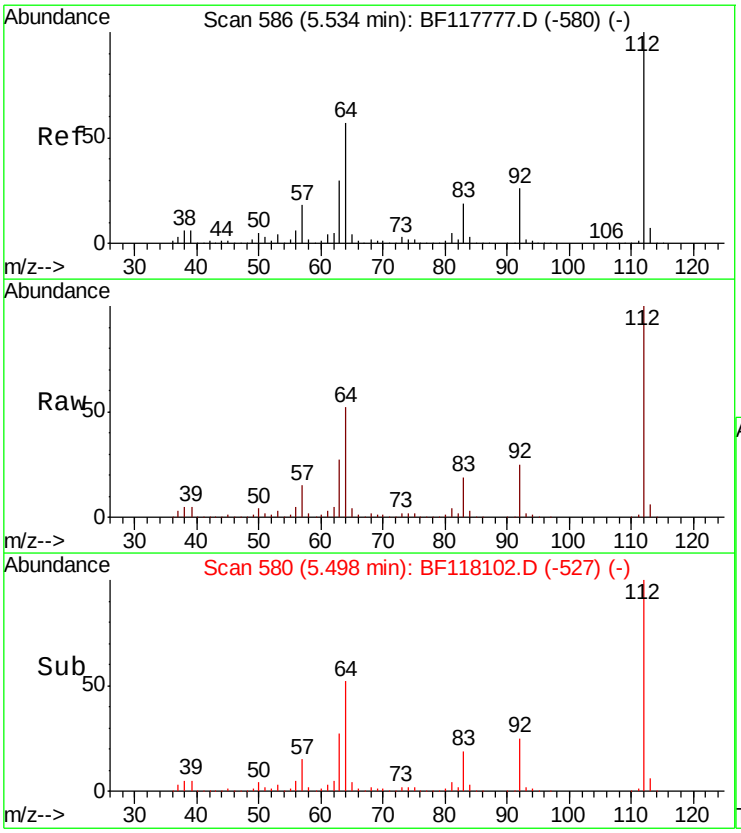
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 160892

Ion	Ratio	Lower	Upper
152	100		
150	157.4	121.4	182.2
115	61.9	48.8	73.2

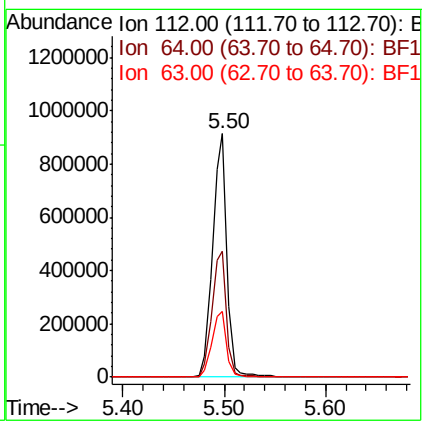


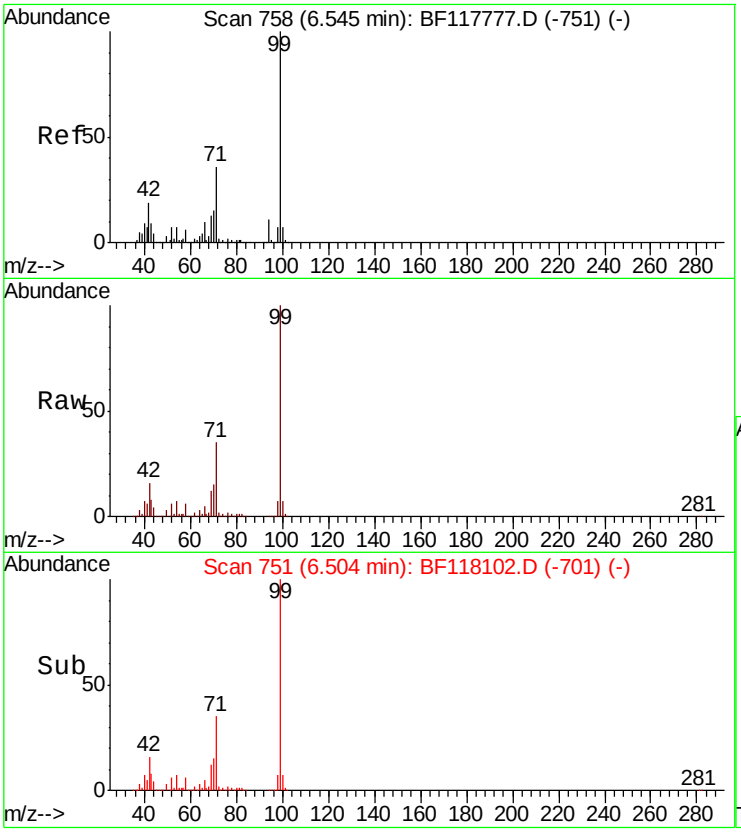


#5
2-Fluorophenol
Concen: 97.986 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Tgt Ion:112 Resp: 890636

Ion	Ratio	Lower	Upper
112	100		
64	51.5	45.1	67.7
63	27.1	24.6	37.0



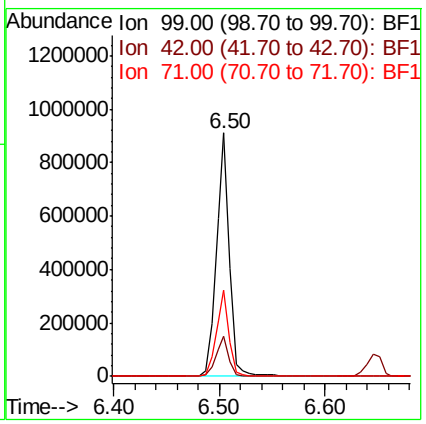


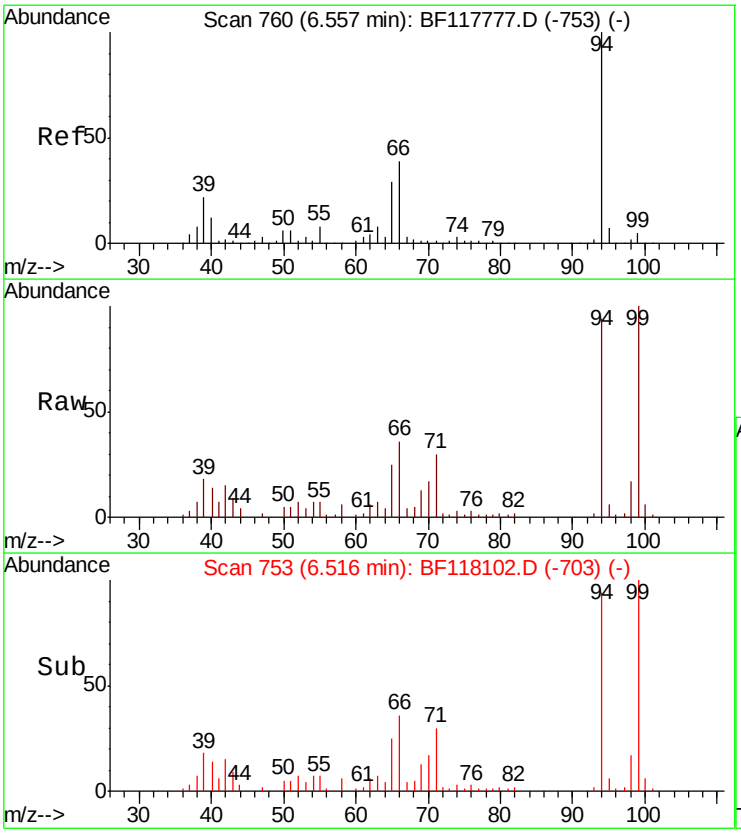
#7
Phenol-d6
Concen: 72.423 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 793990

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.0	21.0
71	35.2	29.2	43.8

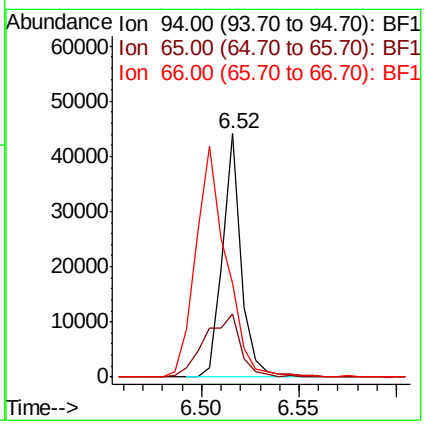


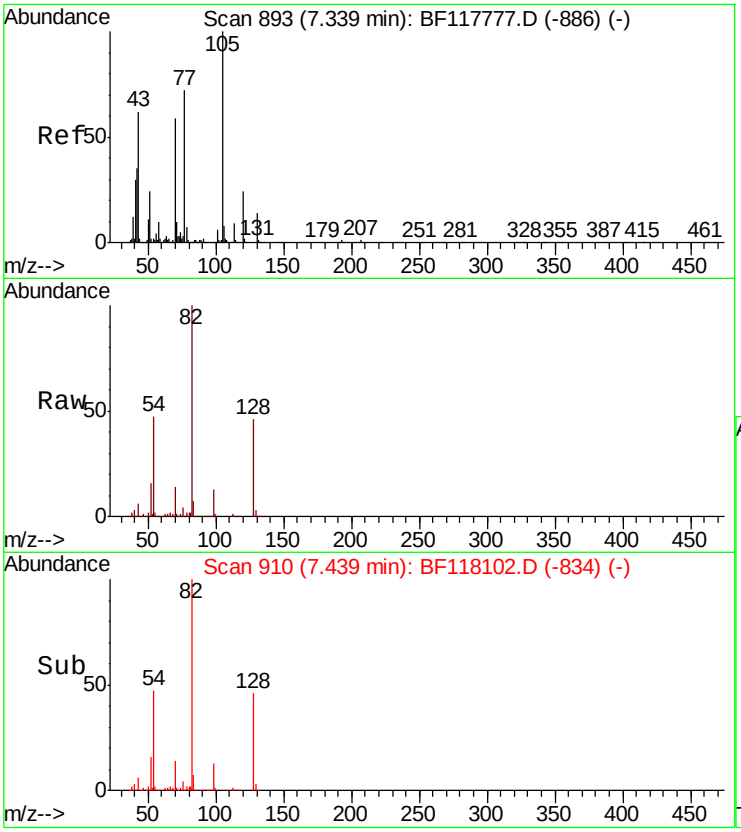


#10
Phenol
Concen: 2.598 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Tgt Ion: 94 Resp: 29597

Ion	Ratio	Lower	Upper
94	100		
65	26.1	6.9	46.9
66	38.7	18.6	58.6



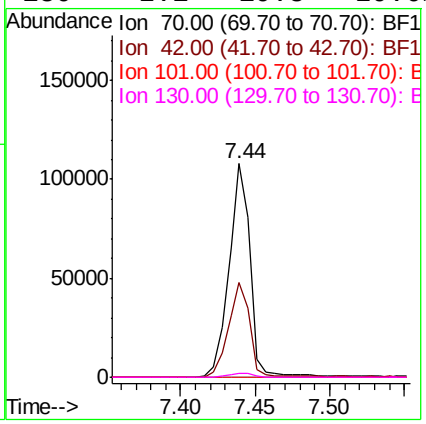


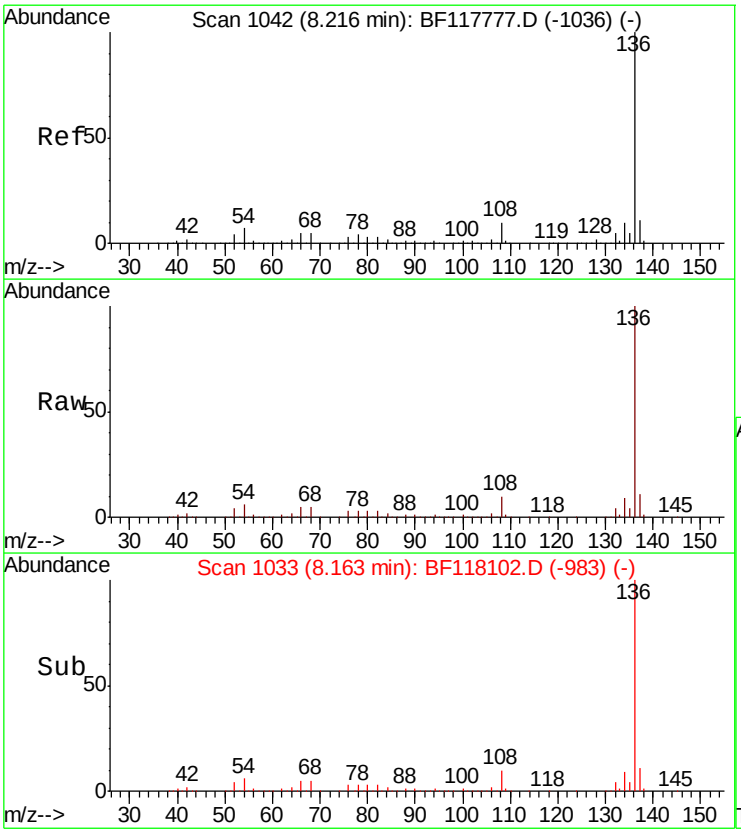
#19
n-Nitroso-di-n-propylamine
Concen: 15.931 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 107749

Ion	Ratio	Lower	Upper
70	100		
42	44.5	46.0	69.0#
101	0.0	8.8	13.2#
130	2.1	19.8	29.6#

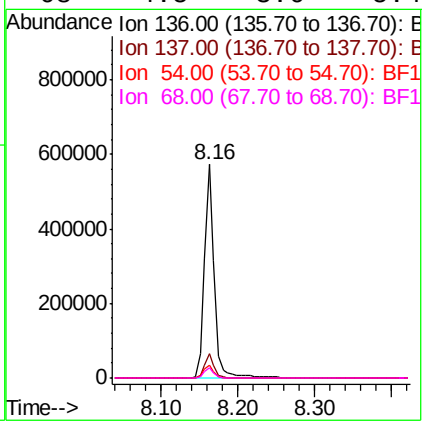


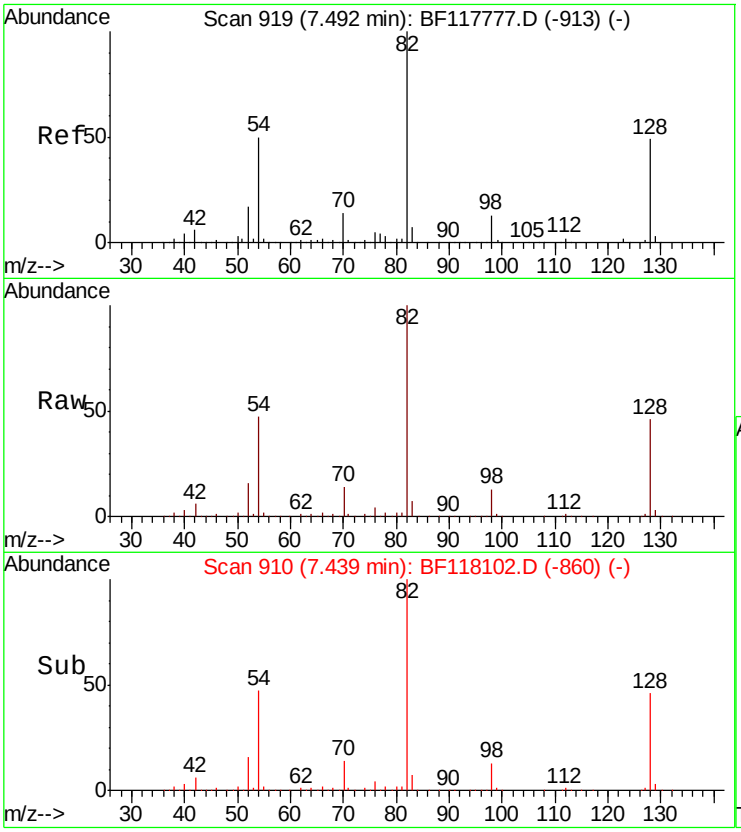


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Tgt Ion:136 Resp: 511413

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.1	4.9	7.3
68	4.5	3.6	5.4



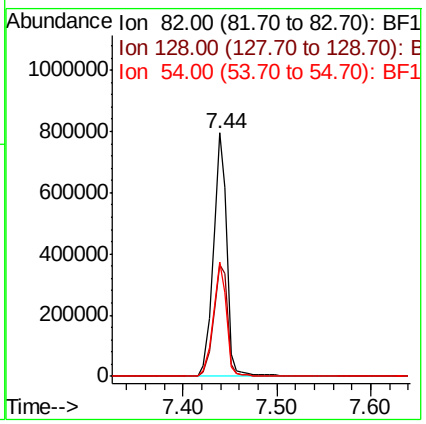


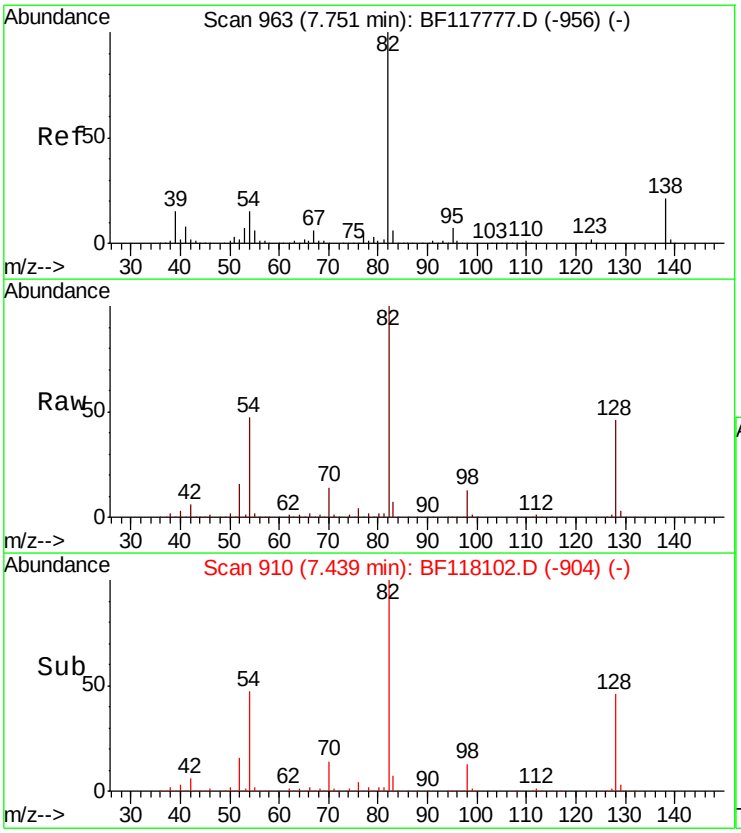
#23
Nitrobenzene-d5
Concen: 93.353 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 803113

Ion	Ratio	Lower	Upper
82	100		
128	45.8	38.2	57.4
54	47.0	39.0	58.4

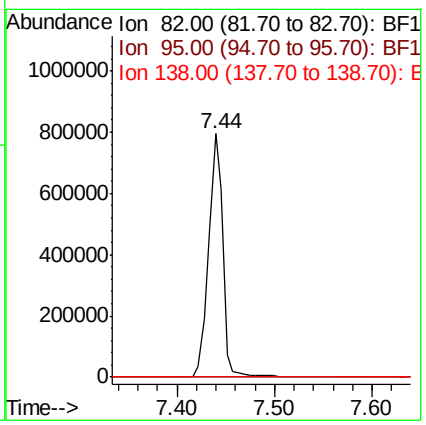


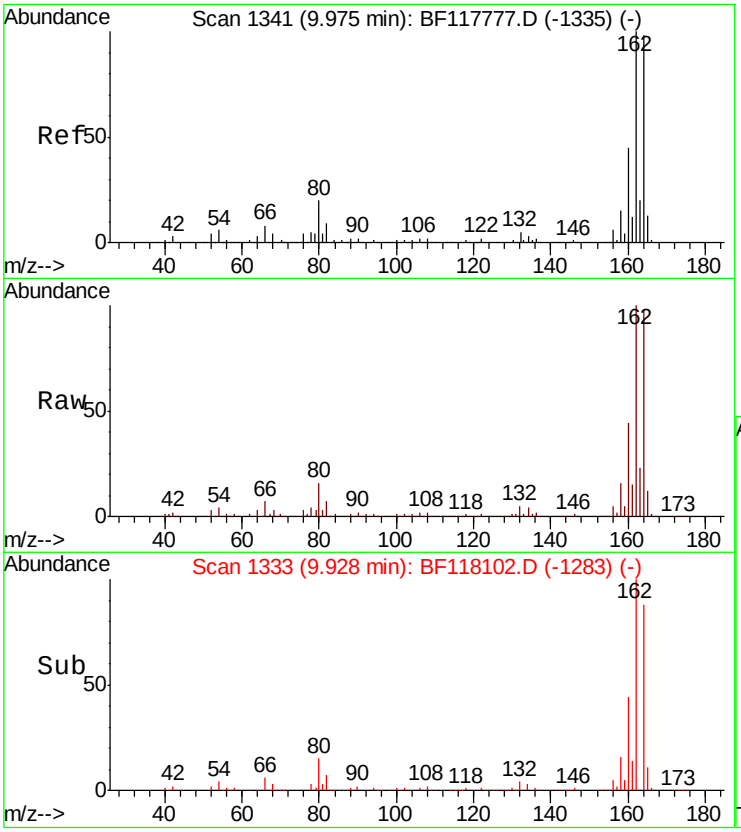


#25
Isophorone
Concen: 50.933 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Tgt Ion: 82 Resp: 803107

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	15.9	23.9#



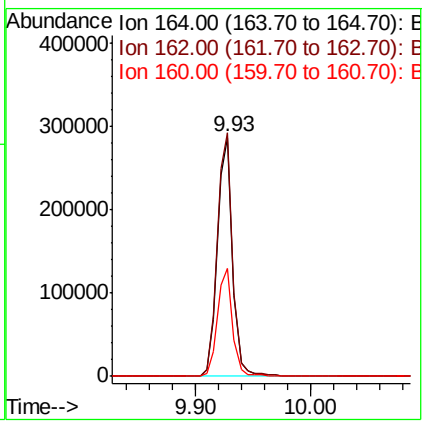


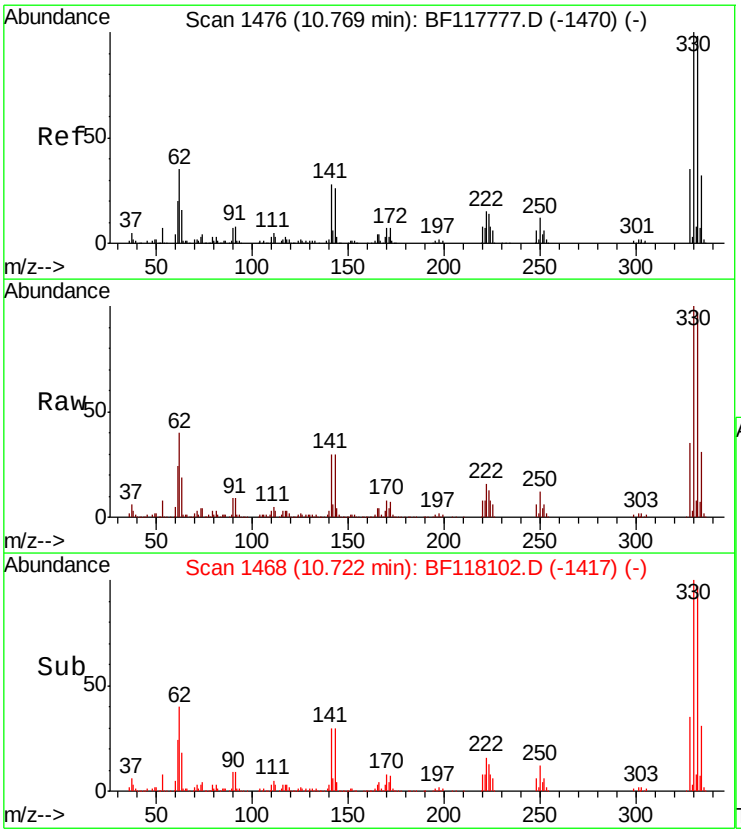
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 260956

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.8
160	45.2	35.9	53.9

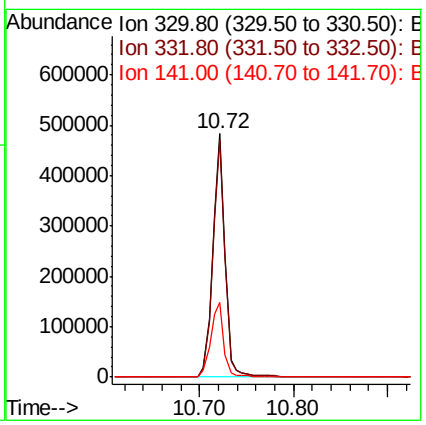


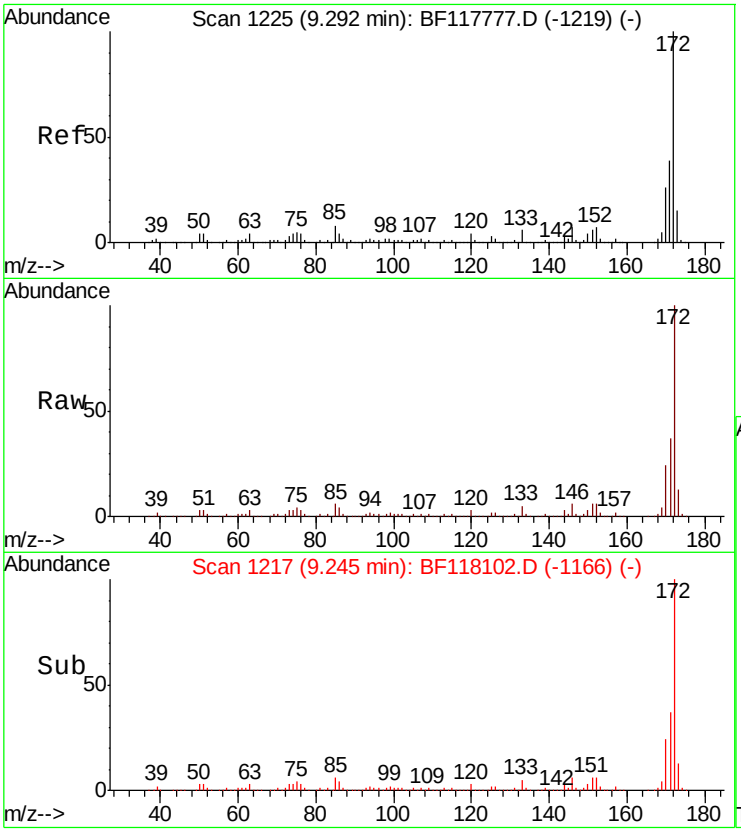


#42
2,4,6-Tribromophenol
Concen: 162.649 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Tgt Ion:330 Resp: 449353

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.3	117.5
141	32.5	26.4	39.6



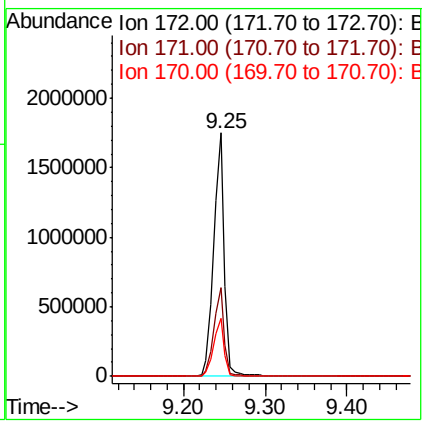


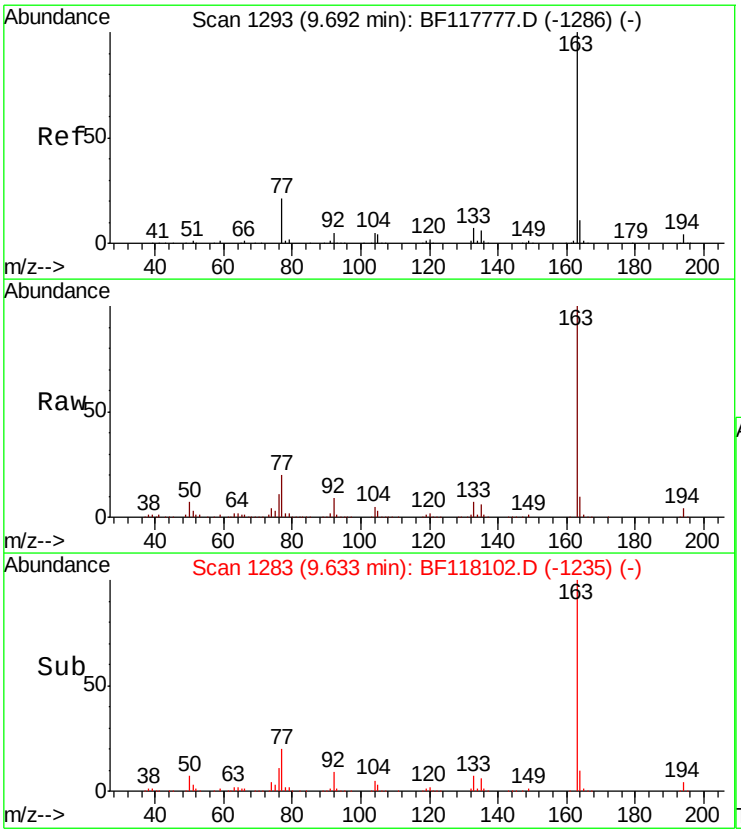
#45
2-Fluorobiphenyl
Concen: 109.501 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1592777

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	24.0	19.3	28.9

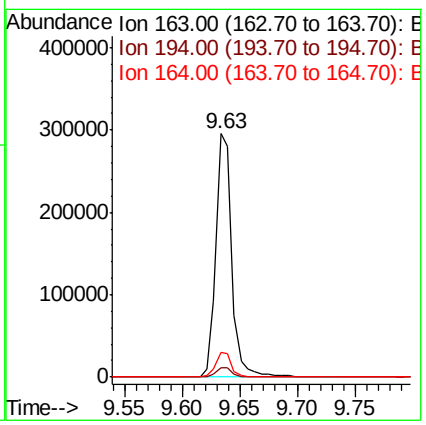


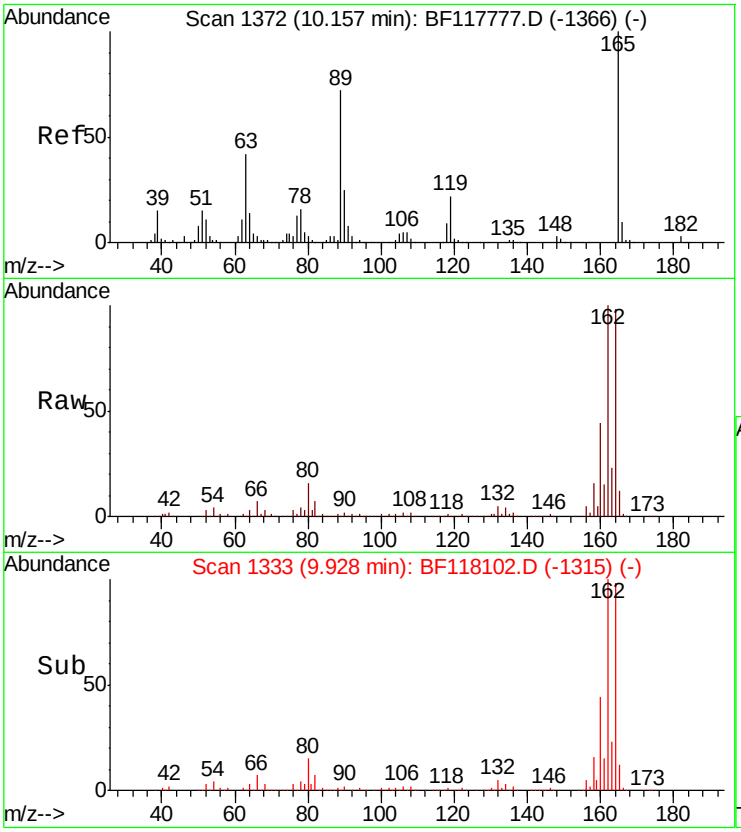


#50
Dimethylphthalate
Concen: 15.590 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Tgt Ion:163 Resp: 285294

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.1	7.9	11.9



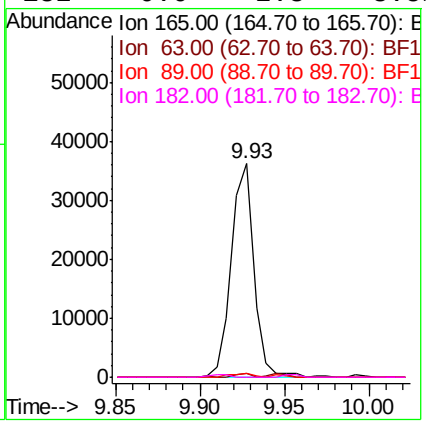


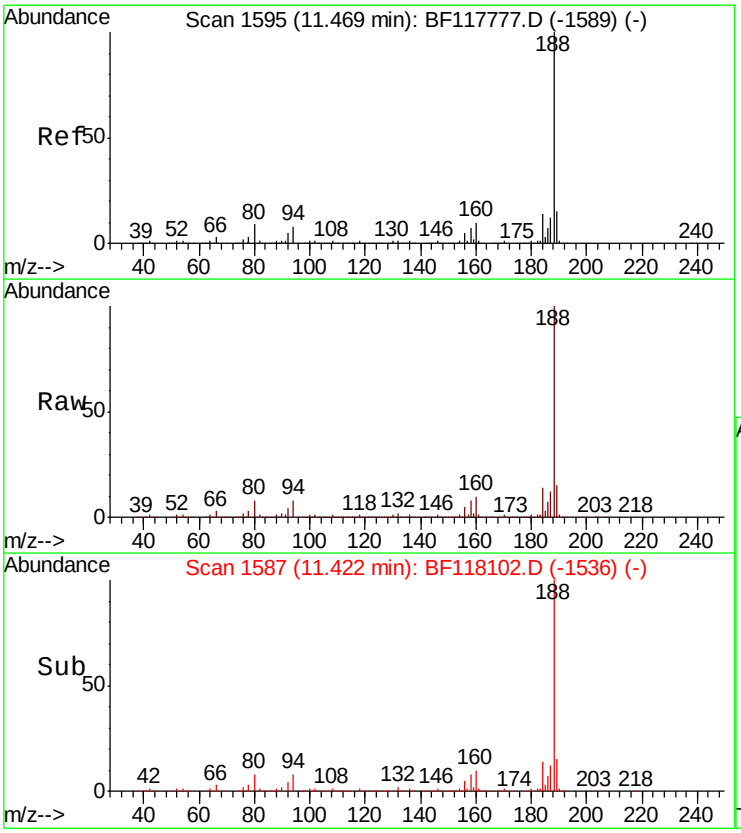
#57
2,4-Dinitrotoluene
Concen: 6.640 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33779

Ion	Ratio	Lower	Upper
165	100		
63	1.6	26.5	39.7#
89	1.5	47.2	70.8#
182	0.0	2.3	3.5#

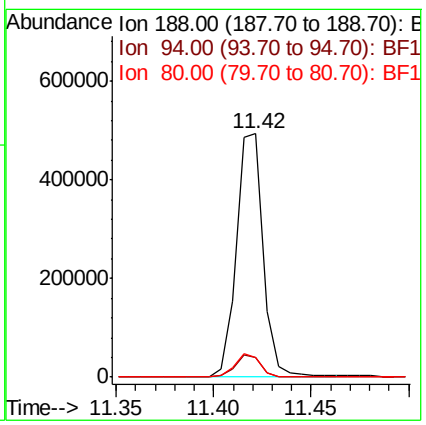


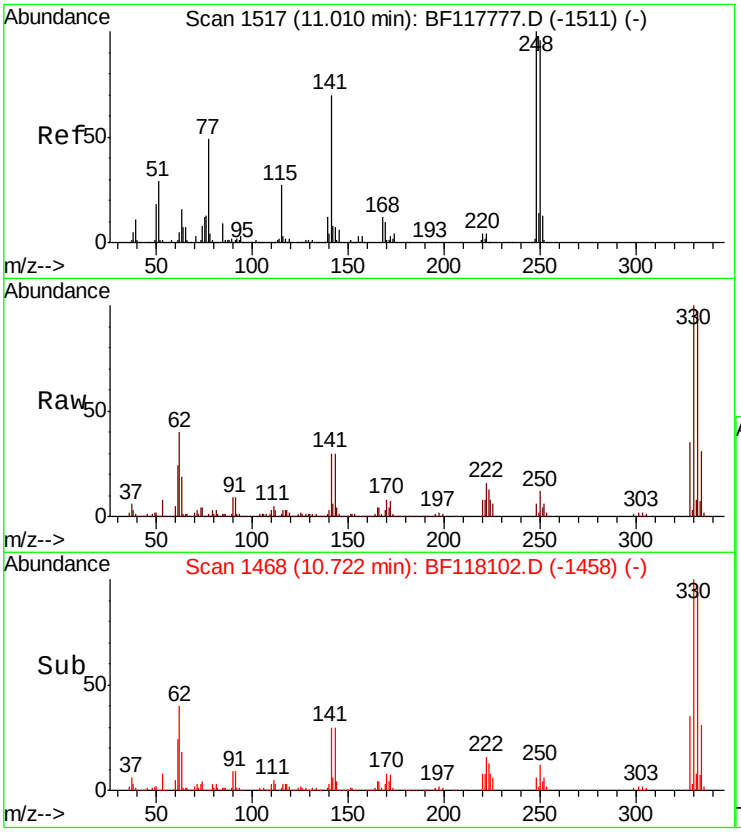


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Tgt Ion:188 Resp: 469732

Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.6
80	7.8	7.2	10.8



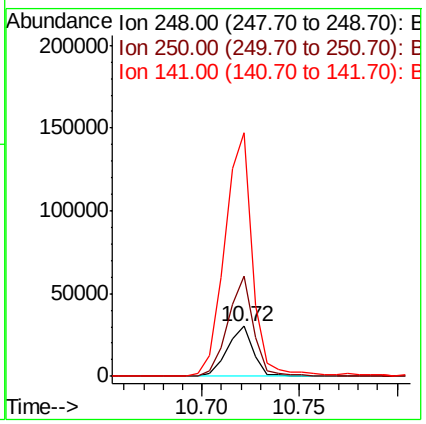


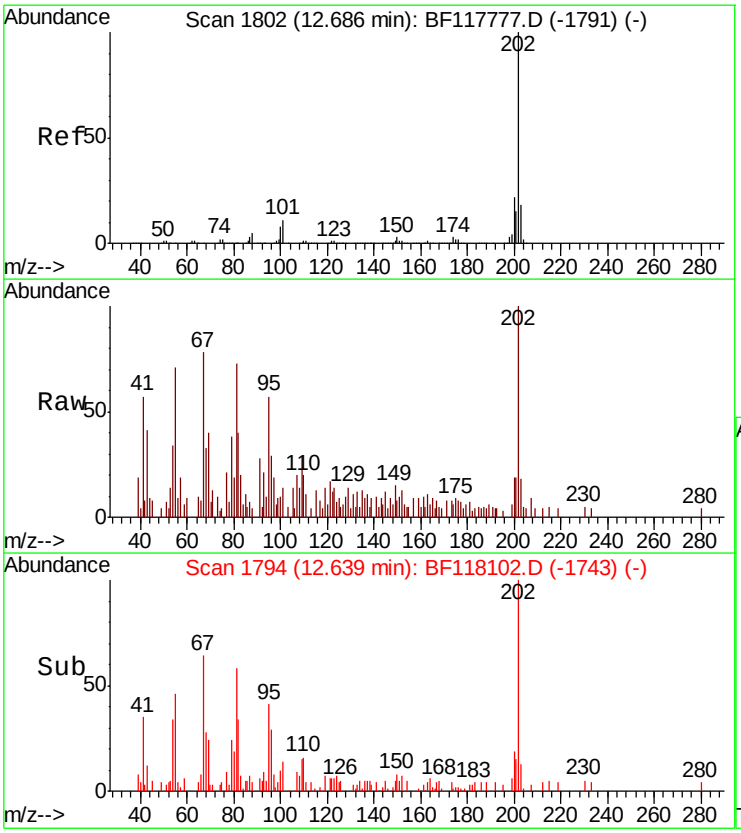
#67
4-Bromophenyl-phenylether
Concen: 5.474 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 27745

Ion	Ratio	Lower	Upper
248	100		
250	199.1	78.0	117.0#
141	485.3	64.0	96.0#

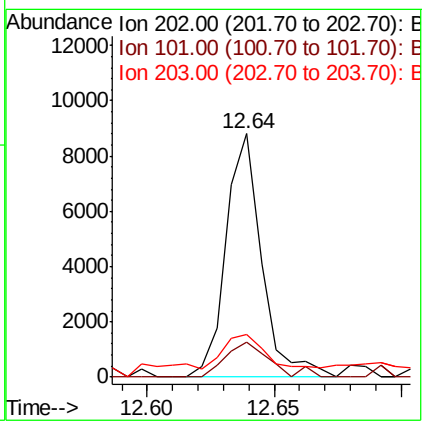


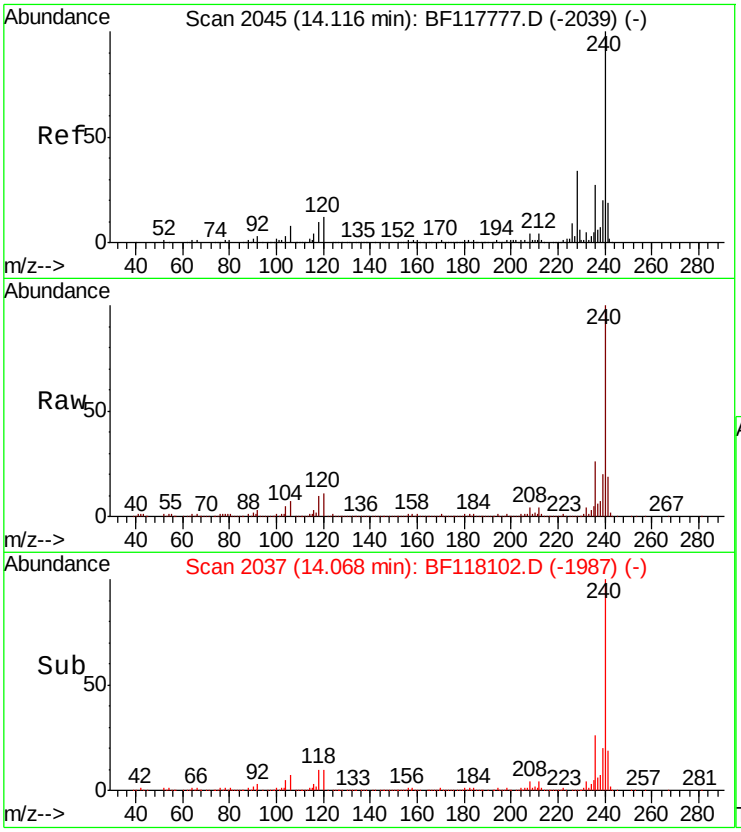


#75
Fluoranthene
Concen: Below Cal
RT: 12.64 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Tgt Ion:202 Resp: 8602

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	31.5
203	17.7	0.0	37.6



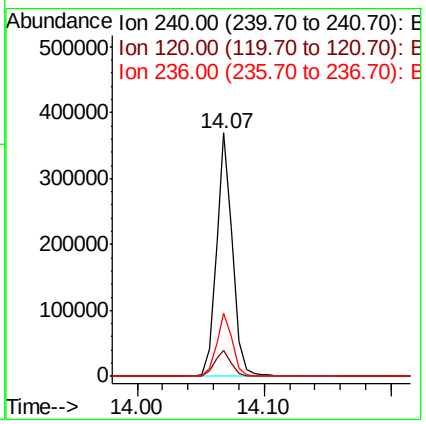


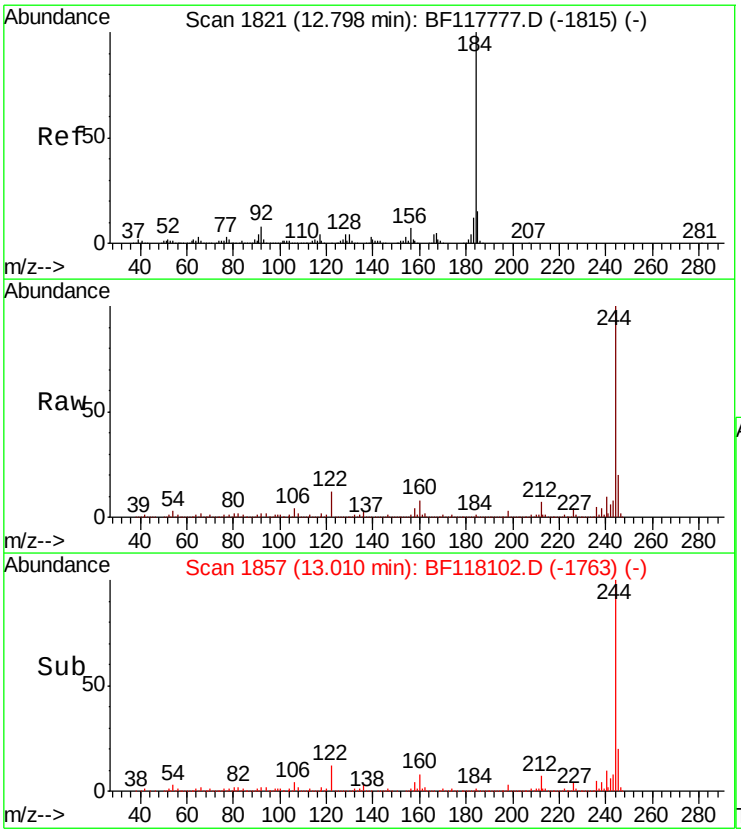
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 326575

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	26.1	20.6	31.0

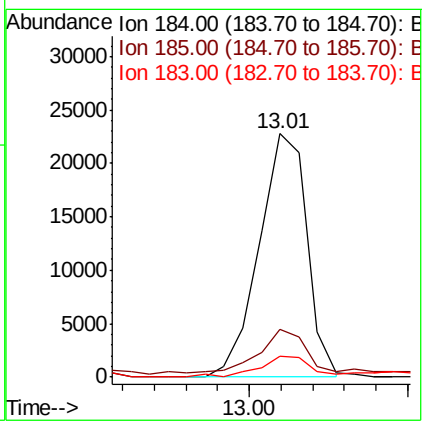


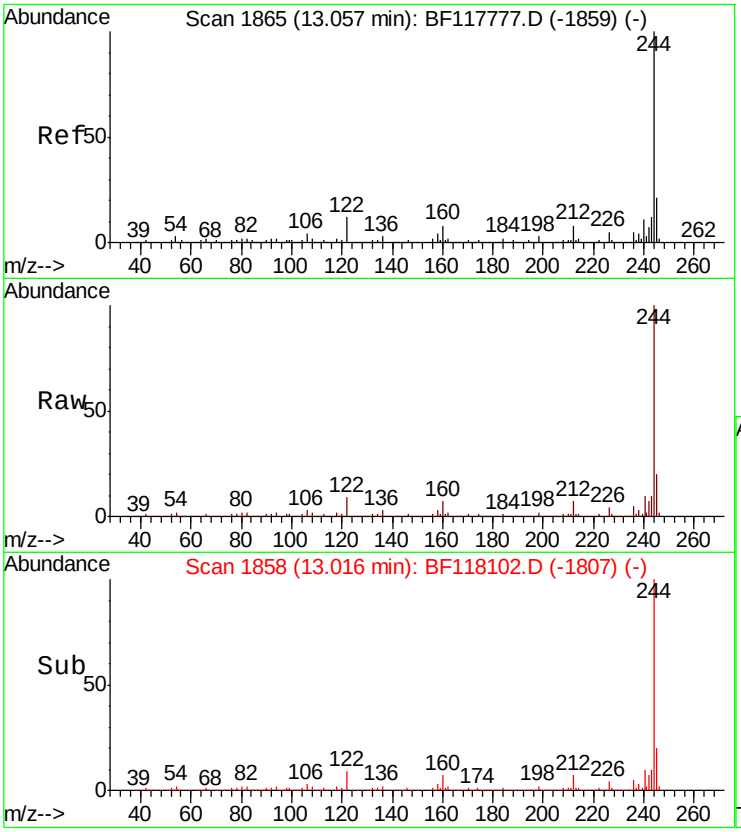


#77
Benzidine
Concen: 2.231 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.25 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Tgt Ion:184 Resp: 23866

Ion	Ratio	Lower	Upper
184	100		
185	19.7	11.6	17.4#
183	8.3	9.7	14.5#



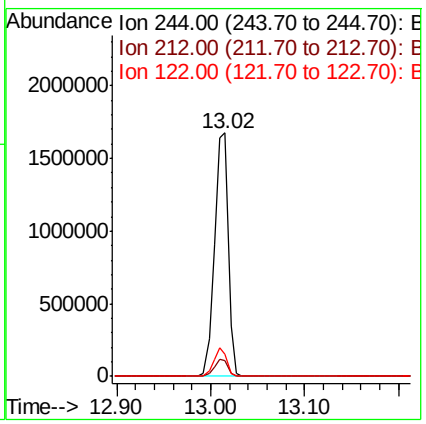


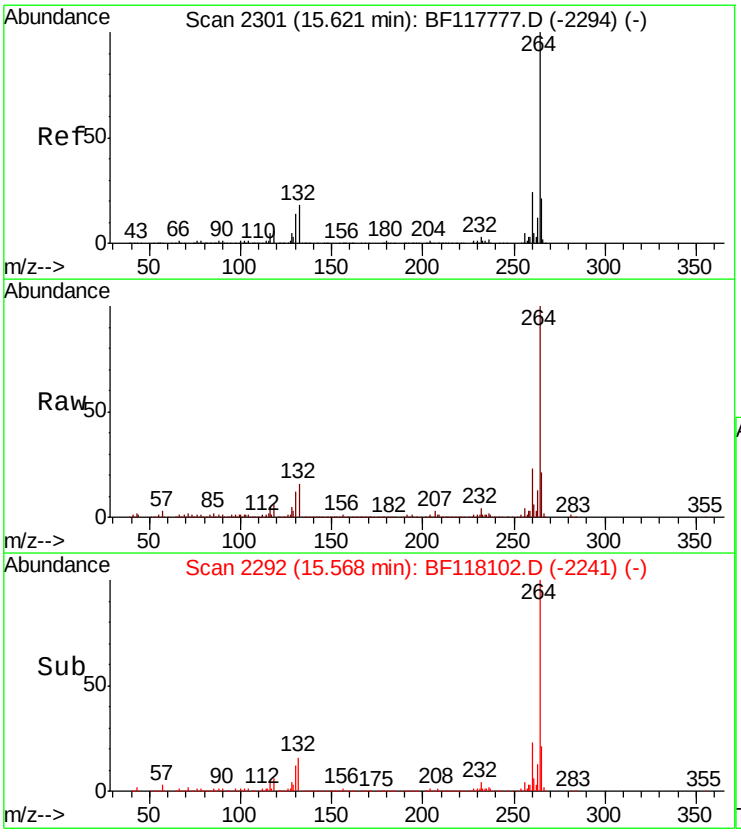
#79
Terphenyl-d14
Concen: 96.892 ng
RT: 13.02 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1731367

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.2	7.8
122	9.3	7.2	10.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF118102.D
Acq: 4 Dec 2019 22:38

Tgt Ion:264 Resp: 405205

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.4	16.4	24.6