Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118609.D
Acq On : 20 Jan 2020 23:39
Operator : CG/JU
Sample : L1176-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 21 01:44:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	508570	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1877231	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	1042215	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	1738174	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	956281	20.00	ng		-0.01
87) Perylene-d12	15.50	264	1139177	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2796427	102.12	ng		0.00
7) Phenol-d6	6.50	99	3722214	104.58	ng		0.00
23) Nitrobenzene-d5	7.44	82	2323259	69.22	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	1158410	96.10	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	4170487	65.77	ng		0.00
79) Terphenyl-d14	12.99	244	3997555	91.18	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	164568	4.057	ng		98
19) n-Nitroso-di-n-propylamine	7.44	70	331950	13.813	ng	#	76
25) Isophorone	7.44	82	2316126	37.836	ng	#	64
50) Dimethylphthalate	9.63	163	321206	4.730	ng		97
51) 2,6-Dinitrotoluene	9.92	165	137286	9.029	ng	#	21
57) 2,4-Dinitrotoluene	9.92	165	137286	7.162	ng	#	25
67) 4-Bromophenyl-phenylether	10.70	248	73264	3.412	ng	#	1
77) Benzidine	12.99	184	56933	2.228	ng	#	92

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

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QLast Update : Mon Jan 20 14:45:03 2020
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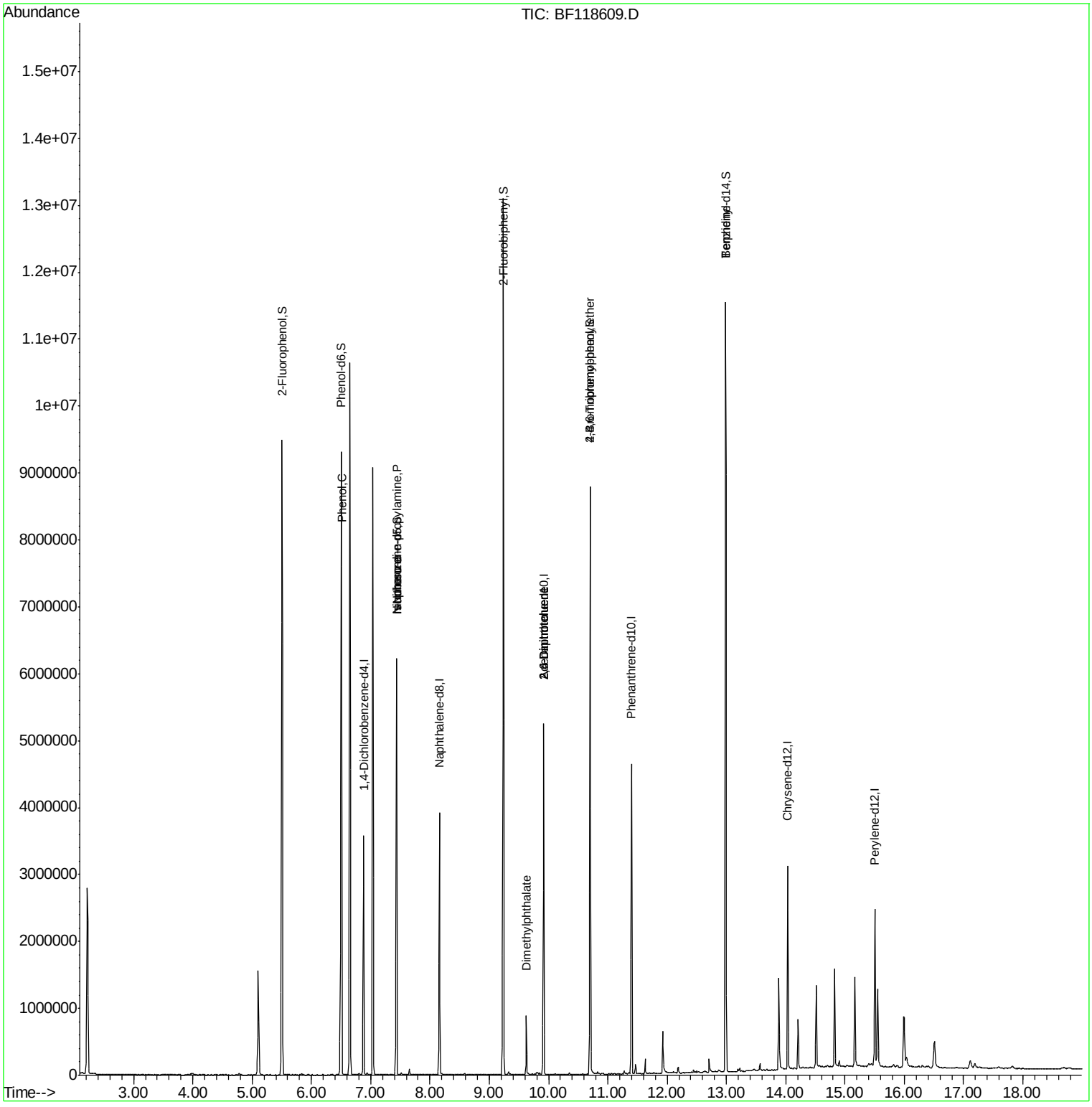
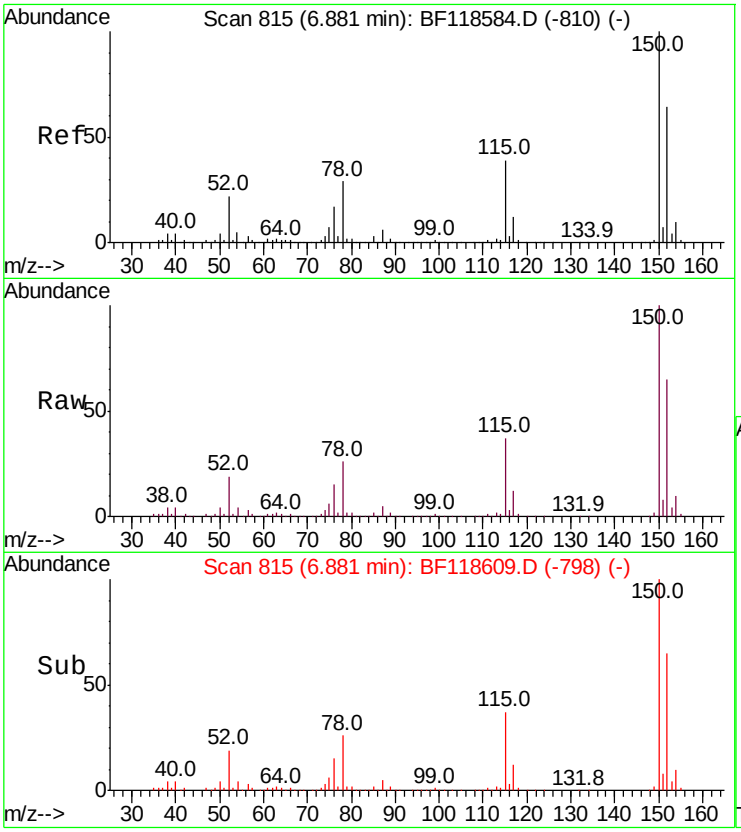


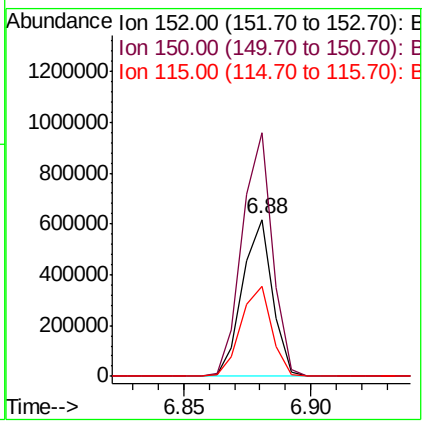


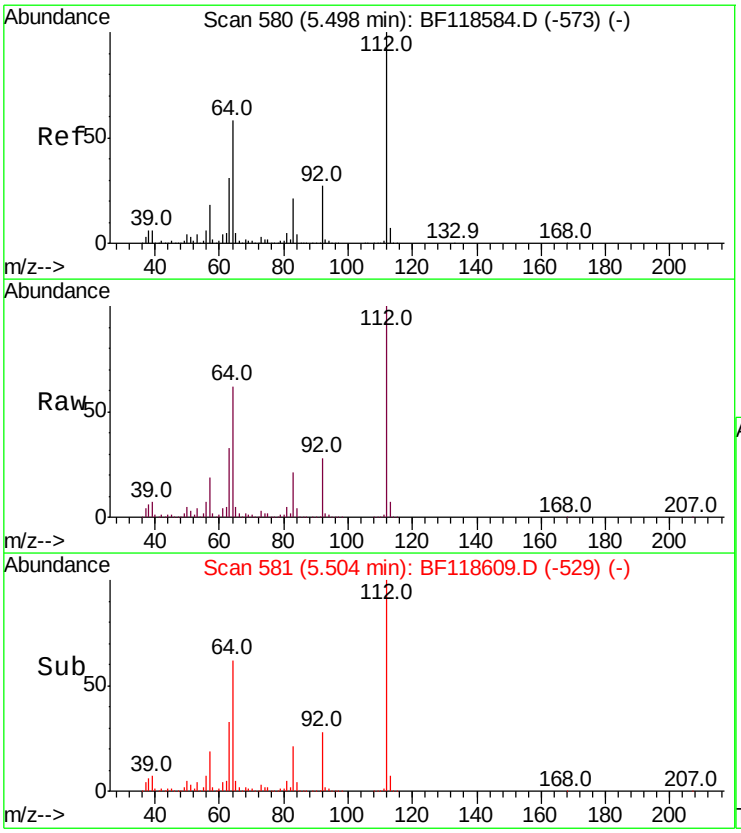
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 508570

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.6	188.4
115	57.6	48.4	72.6

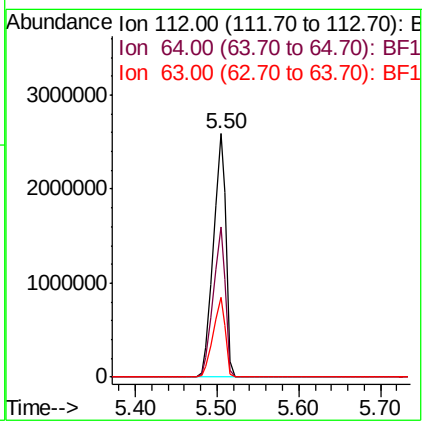


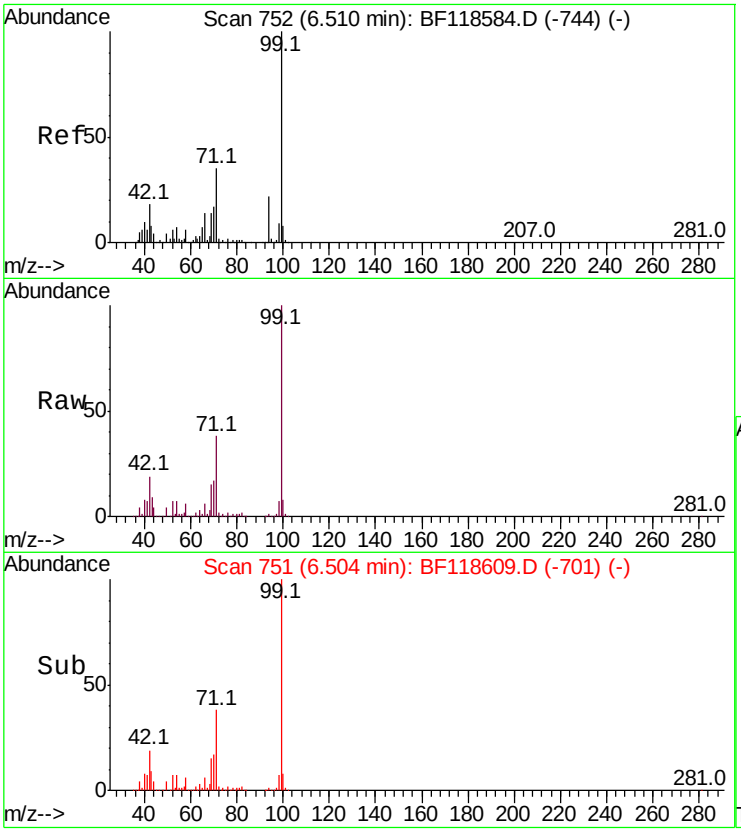


#5
2-Fluorophenol
Concen: 102.123 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Tgt Ion:112 Resp: 2796427

Ion	Ratio	Lower	Upper
112	100		
64	61.5	46.6	70.0
63	32.9	25.1	37.7



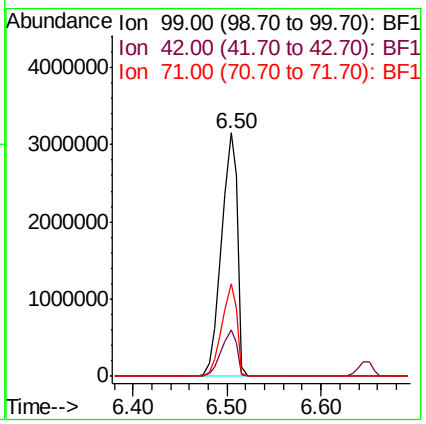


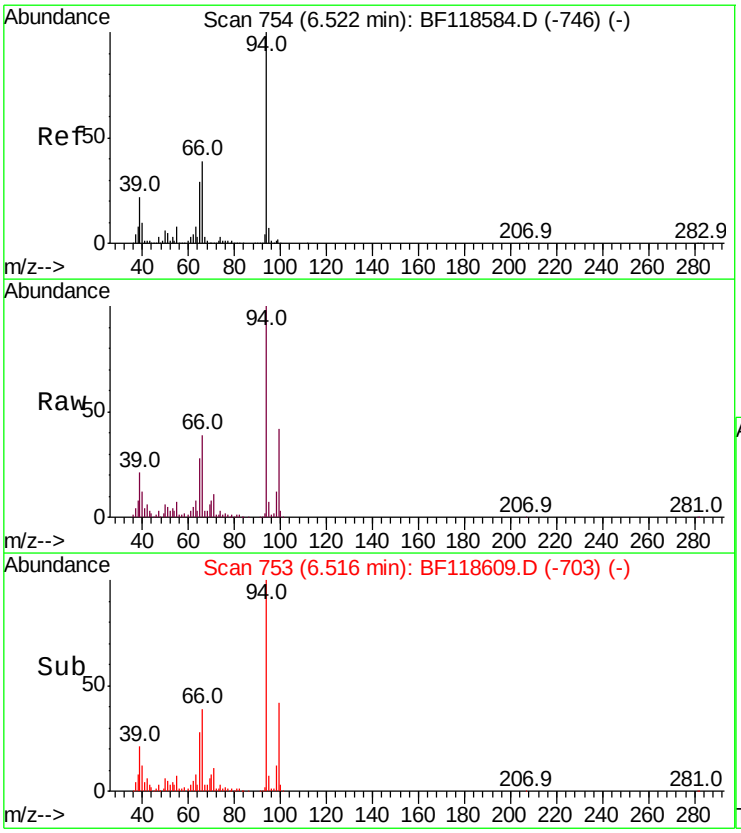
#7
Phenol-d6
Concen: 104.584 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 3722214

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.2	21.2
71	37.8	27.8	41.6

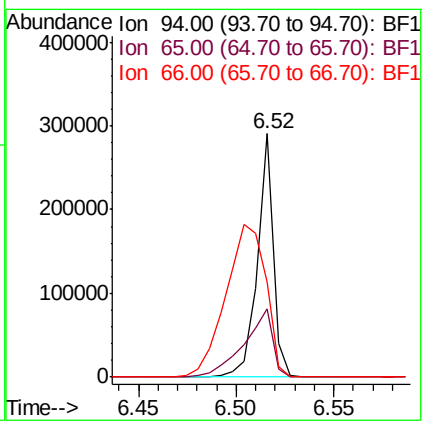


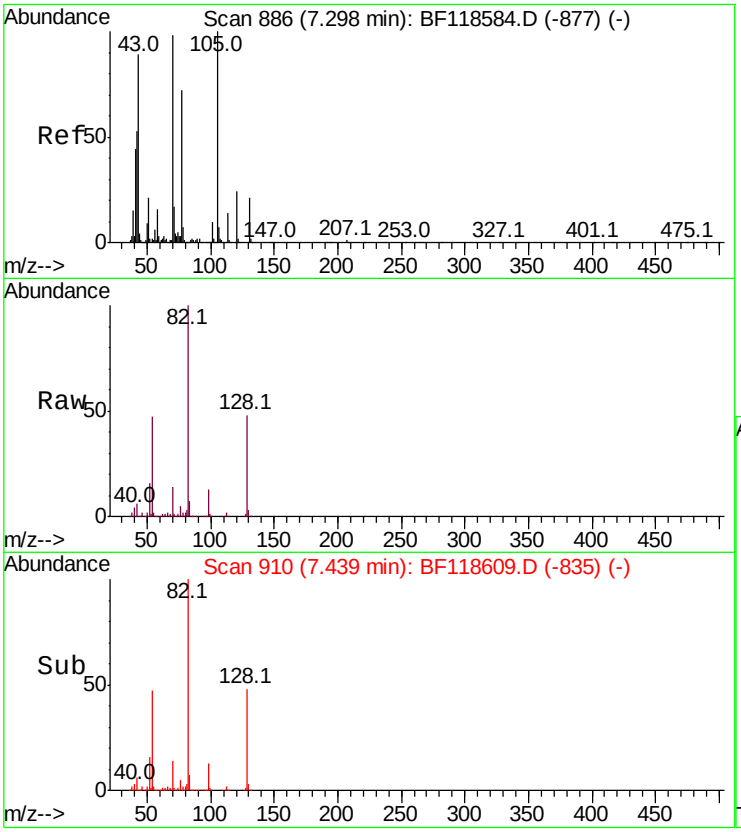


#10
Phenol
Concen: 4.057 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Tgt Ion: 94 Resp: 164568

Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.5	49.5
66	39.1	18.5	58.5



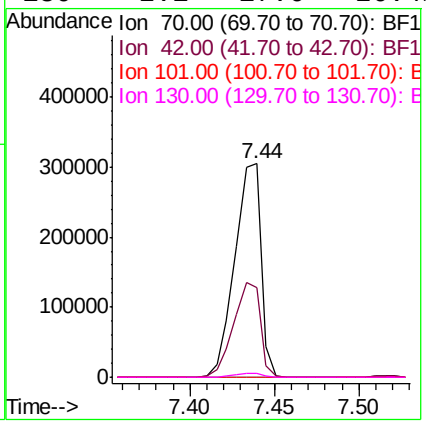


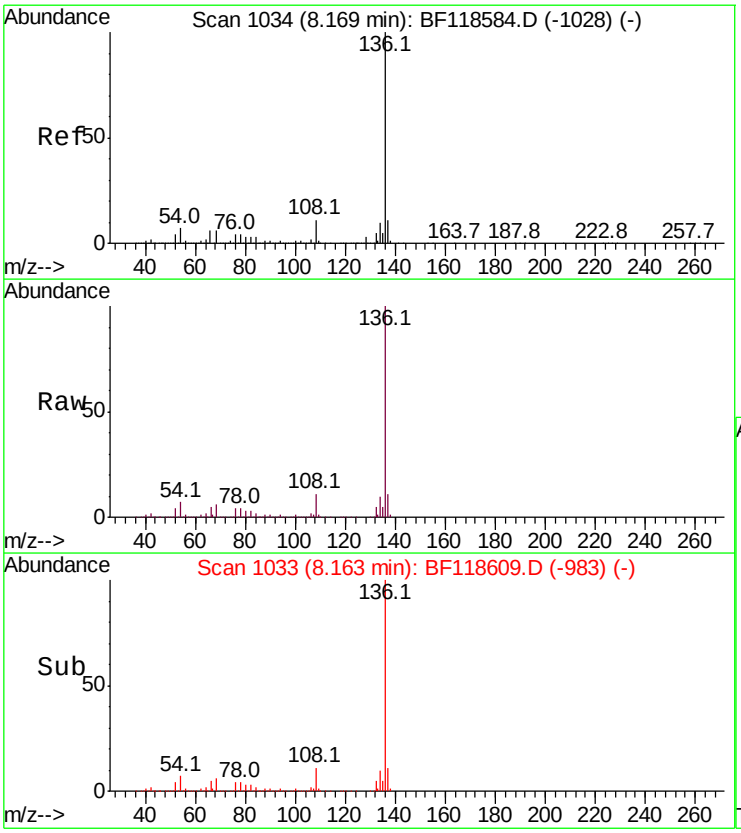
#19
n-Nitroso-di-n-propylamine
Concen: 13.813 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 331950

Ion	Ratio	Lower	Upper
70	100		
42	42.2	43.4	65.0#
101	0.0	8.1	12.1#
130	2.1	17.6	26.4#

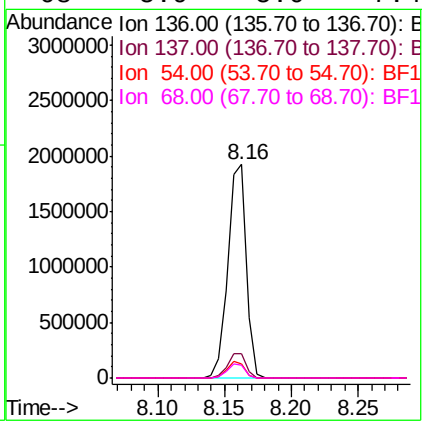


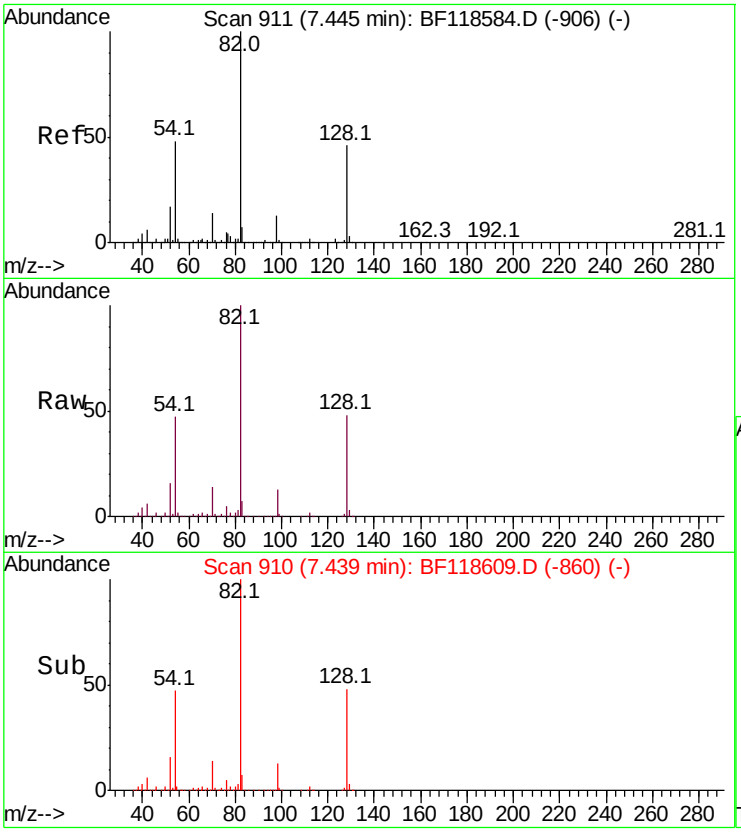


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Tgt Ion:136 Resp: 1877231

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.6	5.8	8.6
68	5.9	5.0	7.4



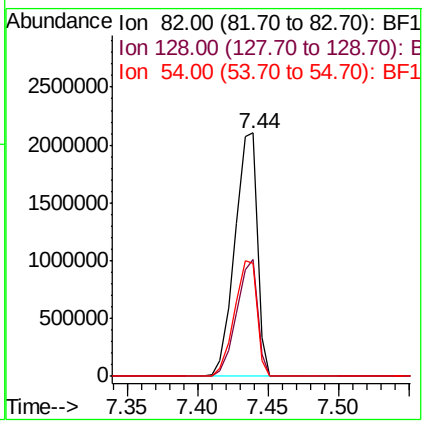


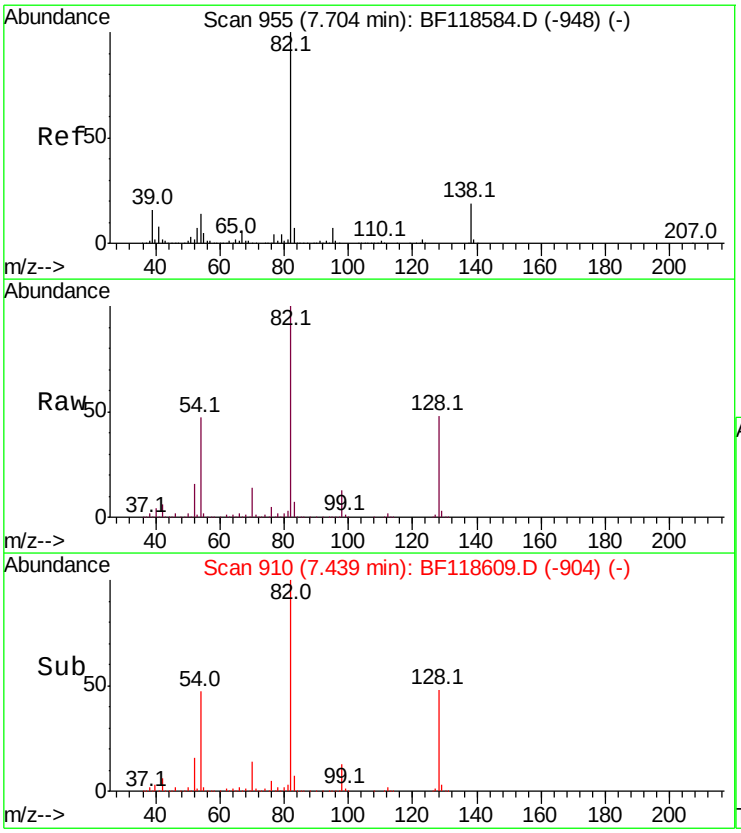
#23
Nitrobenzene-d5
Concen: 69.224 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 2323259

Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.6	54.8
54	46.6	38.0	57.0

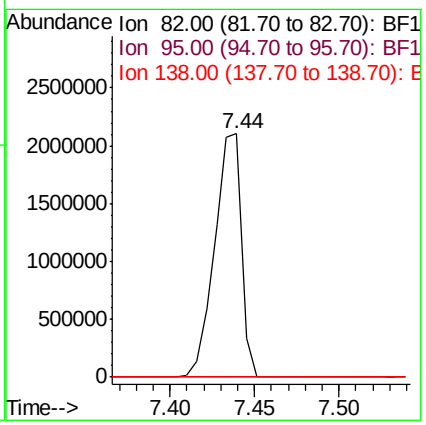


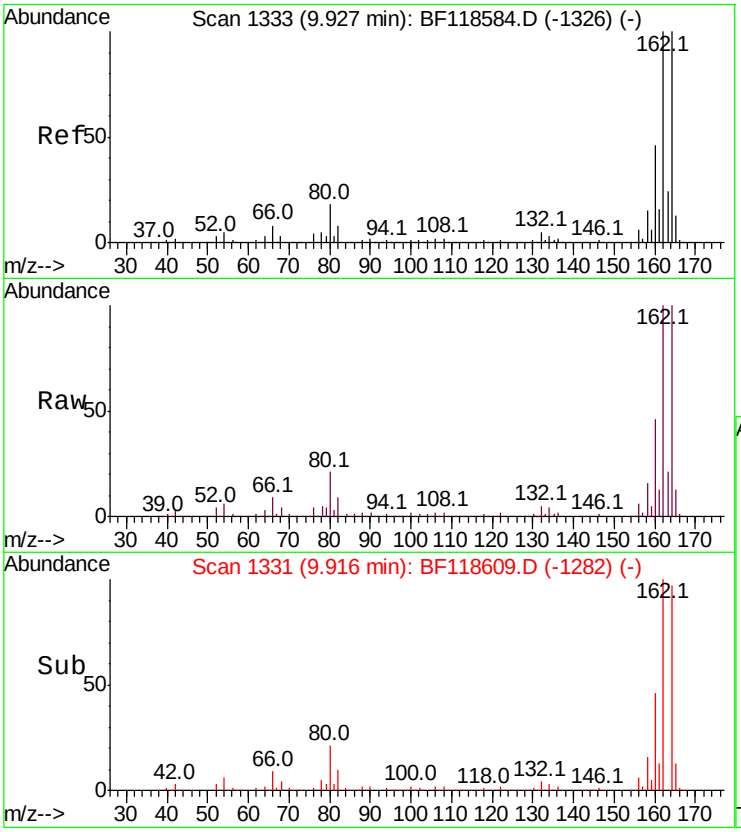


#25
Isophorone
Concen: 37.836 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Tgt Ion: 82 Resp: 2316126

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	15.3	22.9#



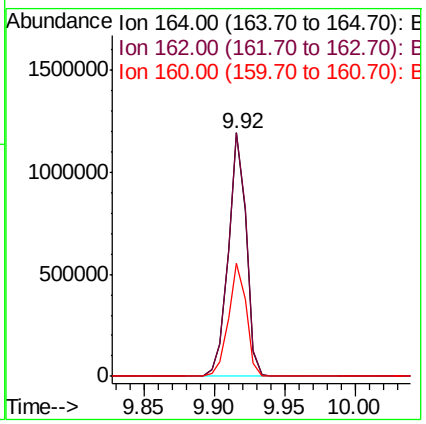


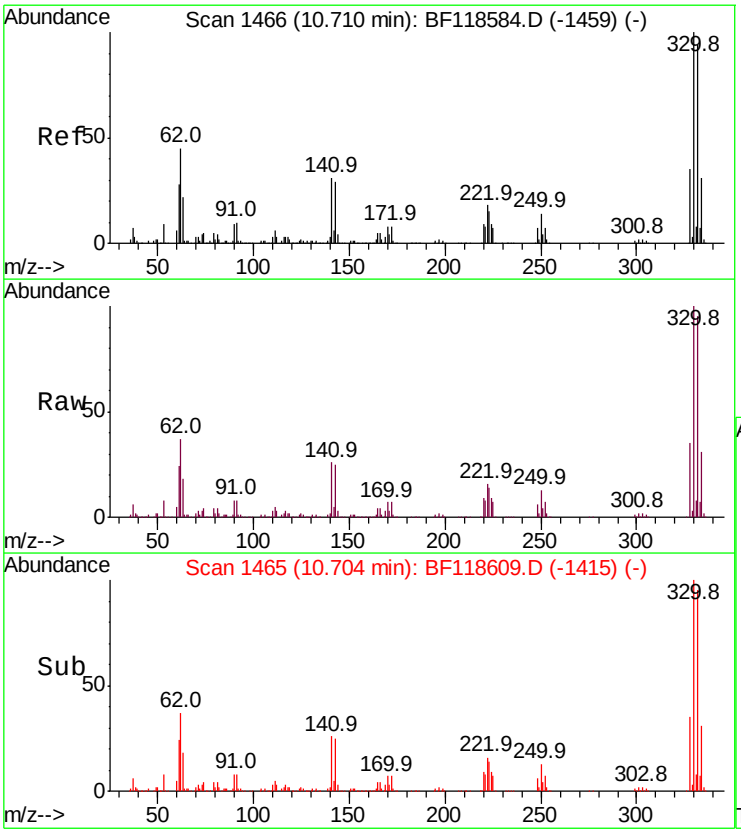
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 1042215

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.4	120.6
160	46.3	36.6	55.0

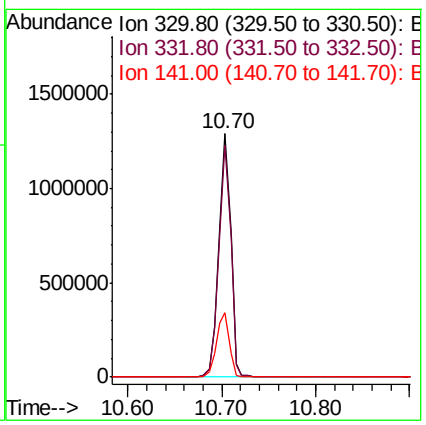


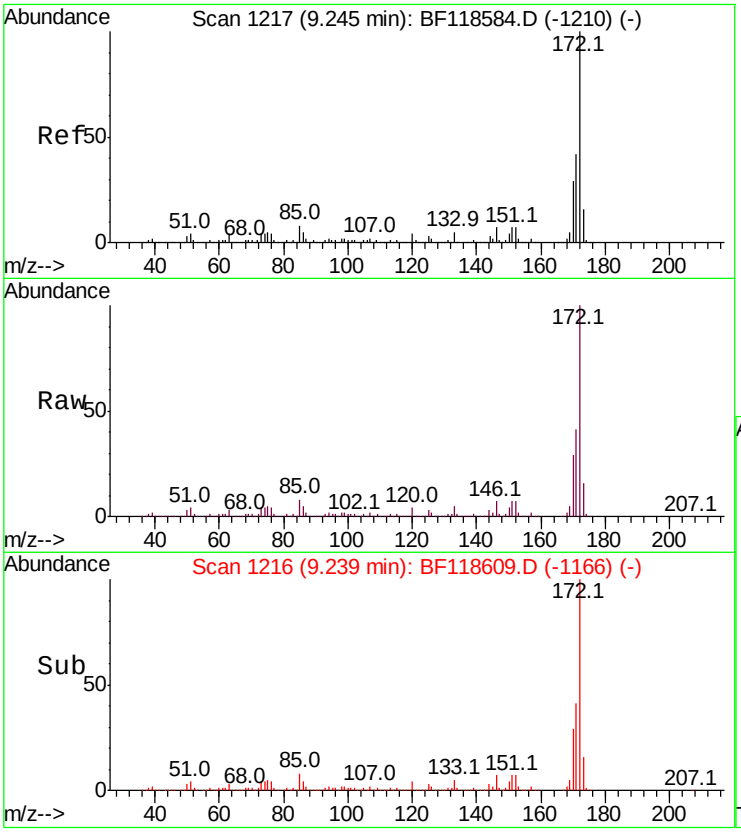


#42
2,4,6-Tribromophenol
Concen: 96.097 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Tgt Ion:330 Resp: 1158410

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	28.3	23.9	35.9



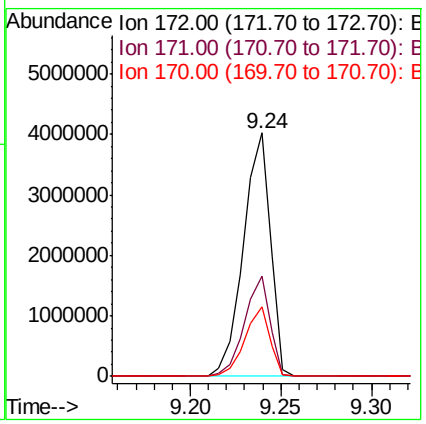


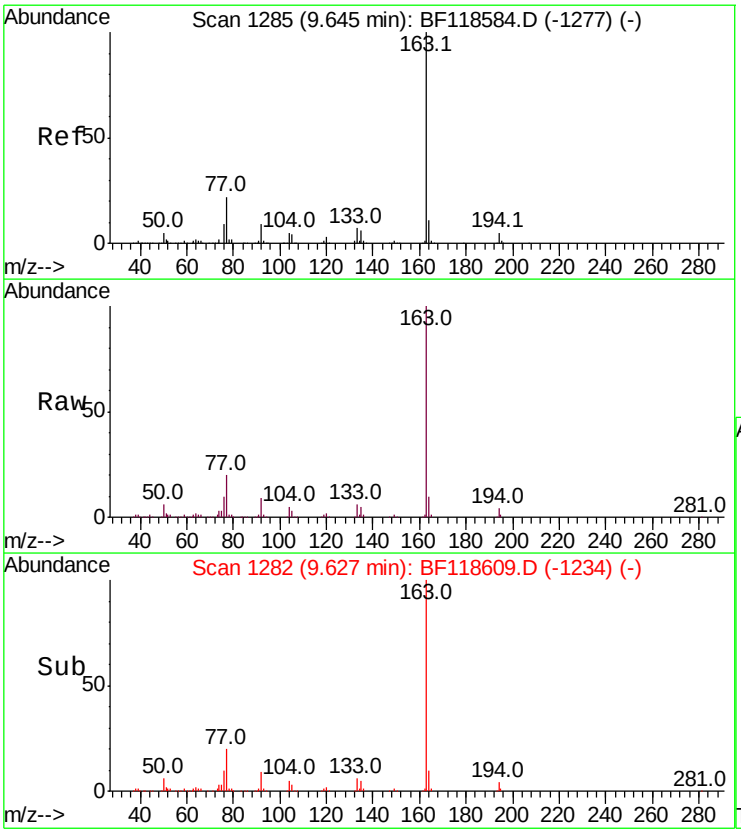
#45
2-Fluorobiphenyl
Concen: 65.770 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 4170487

Ion	Ratio	Lower	Upper
172	100		
171	41.4	33.4	50.2
170	28.6	23.2	34.8

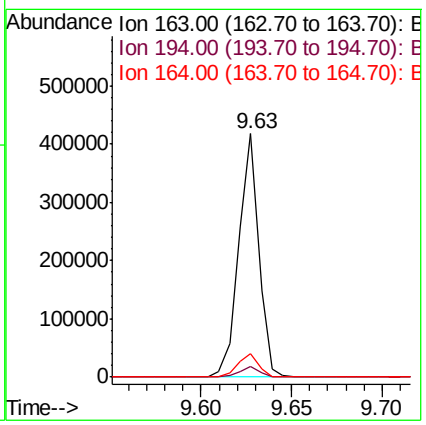


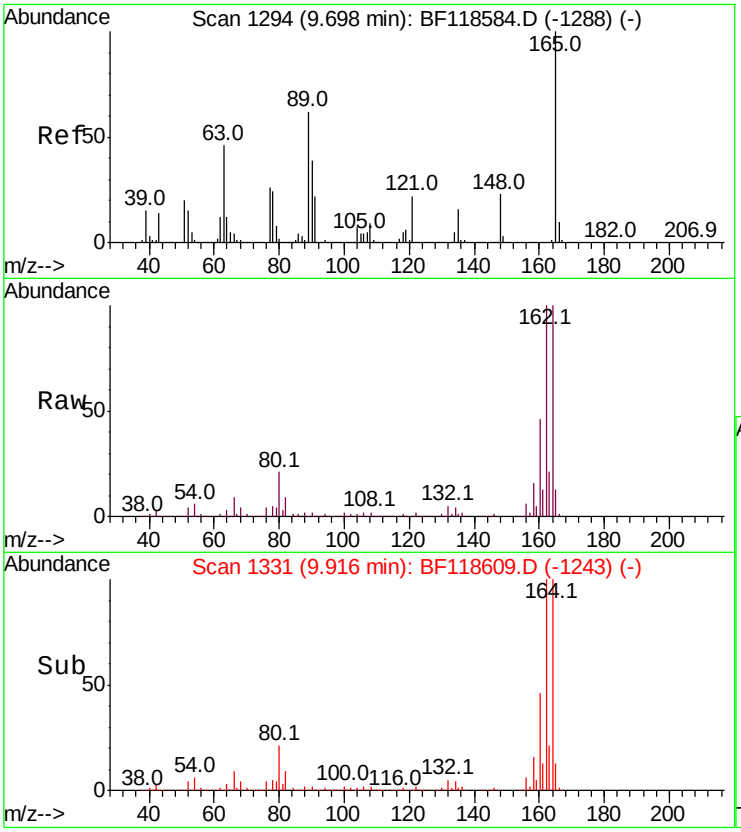


#50
Dimethylphthalate
Concen: 4.730 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Tgt Ion:163 Resp: 321206

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.9	5.9
164	9.8	9.1	13.7



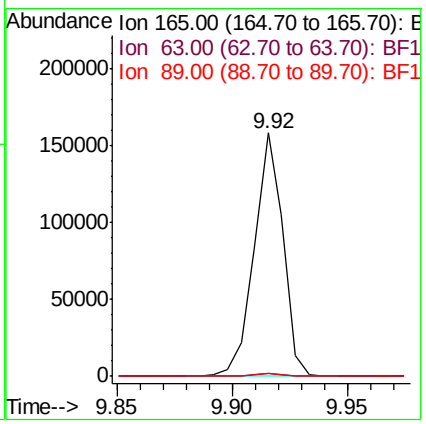


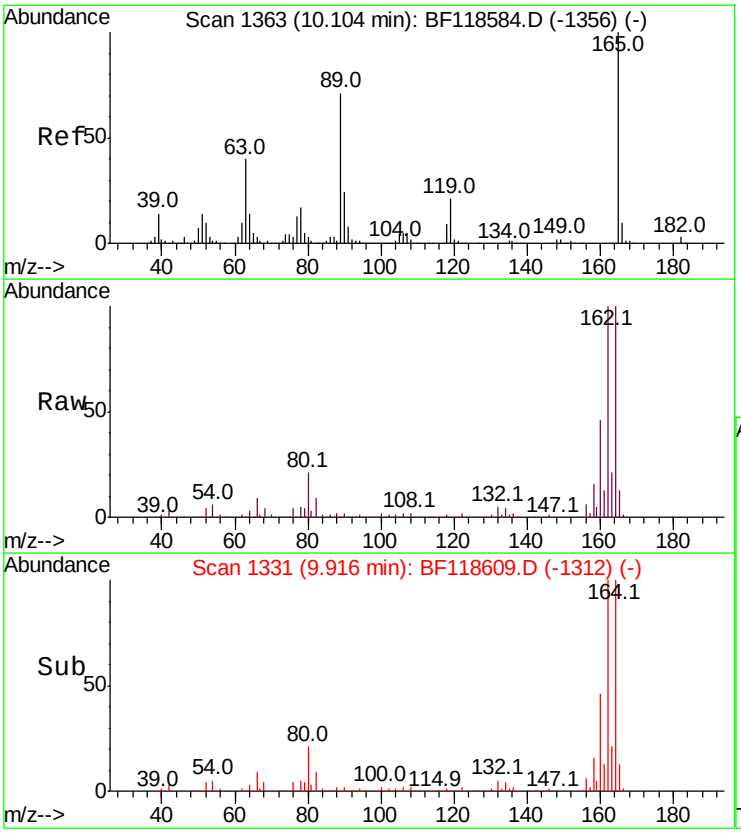
#51
2,6-Dinitrotoluene
Concen: 9.029 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 137286

Ion	Ratio	Lower	Upper
165	100		
63	1.3	48.9	73.3#
89	1.4	49.8	74.6#

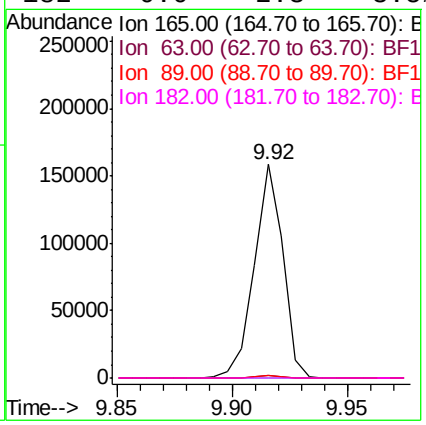


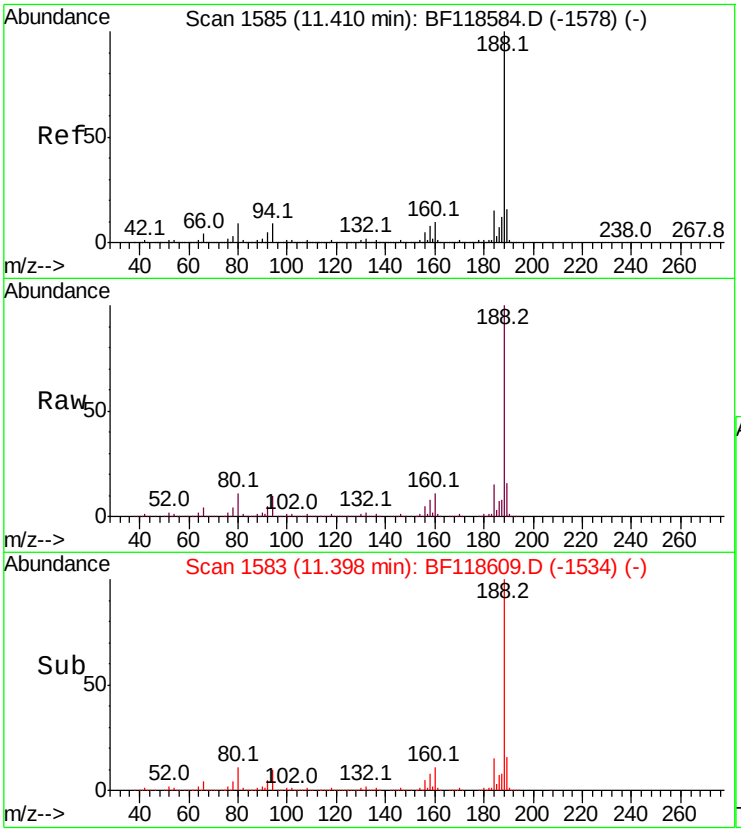


#57
2,4-Dinitrotoluene
Concen: 7.162 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Tgt Ion:165 Resp: 137286

Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.4	48.6#
89	1.4	56.4	84.6#
182	0.0	2.3	3.5#



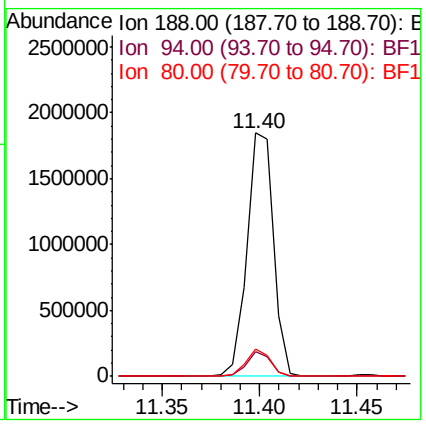


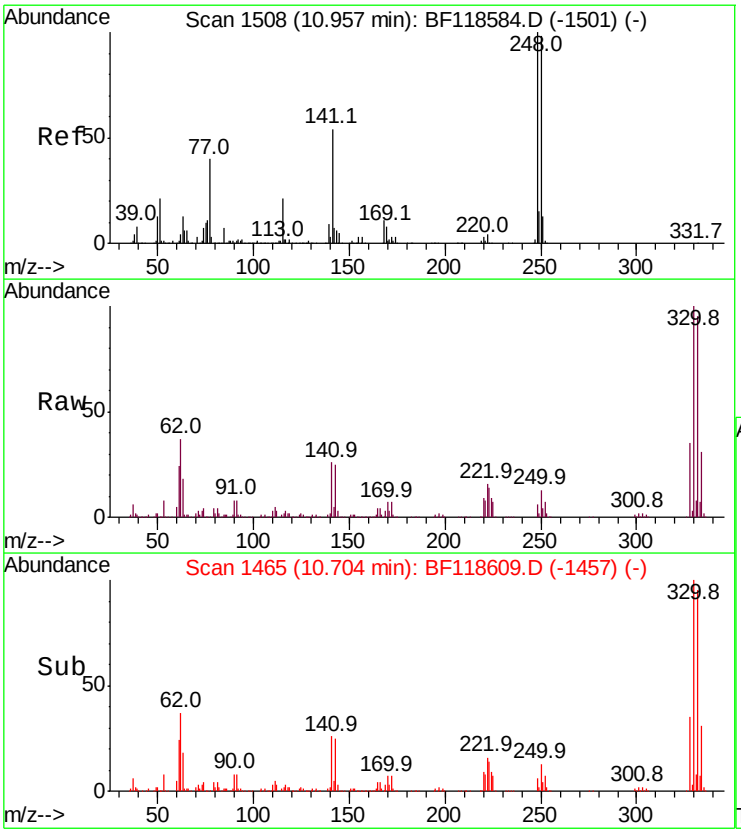
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1738174

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.1	10.7
80	11.0	7.5	11.3

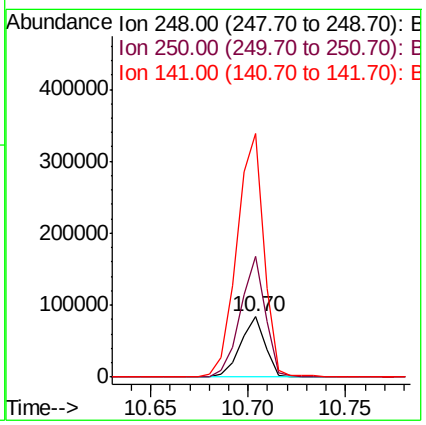


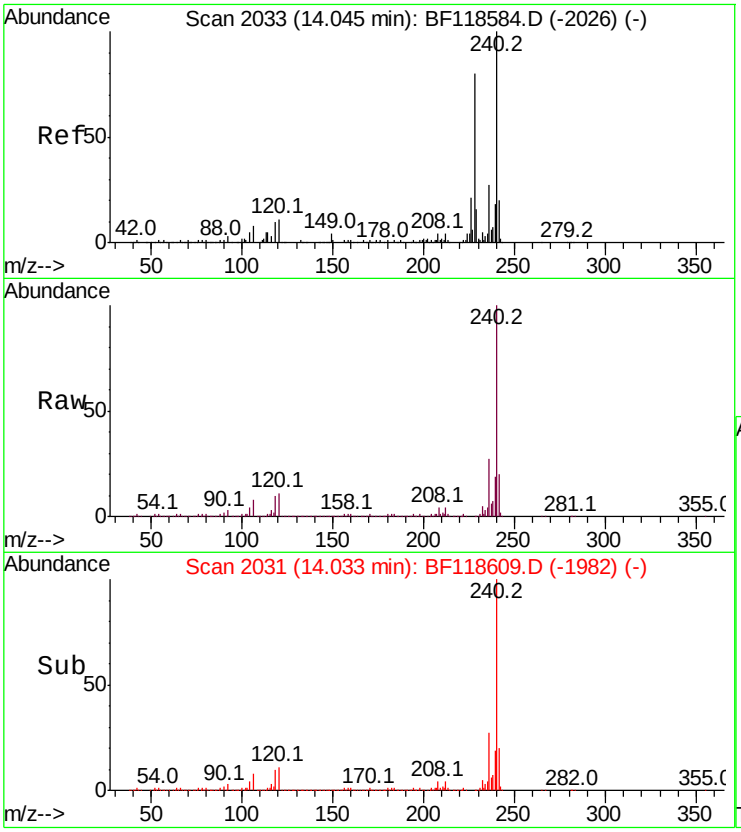


#67
4-Bromophenyl-phenylether
Concen: 3.412 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Tgt Ion:248 Resp: 73264

Ion	Ratio	Lower	Upper
248	100		
250	200.3	78.7	118.1#
141	405.9	43.2	64.8#



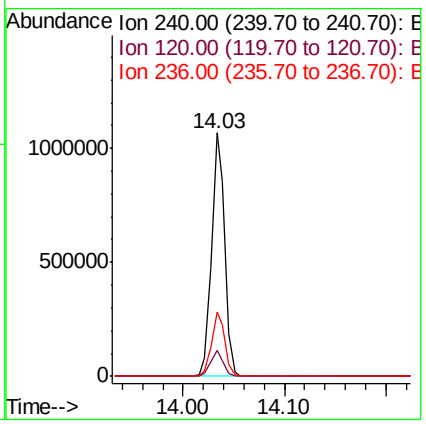


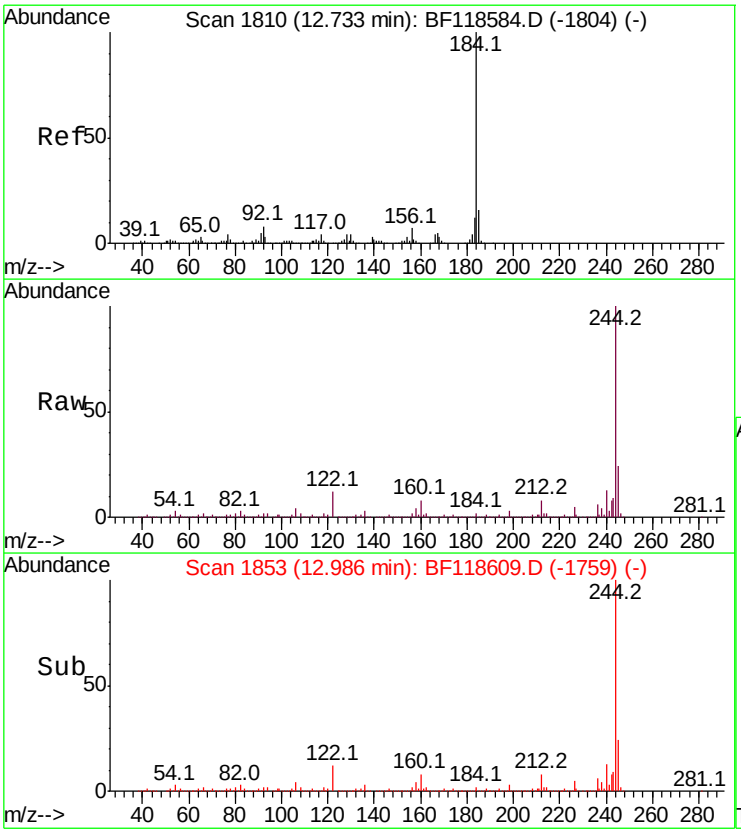
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 956281

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.9	13.3
236	26.7	21.5	32.3

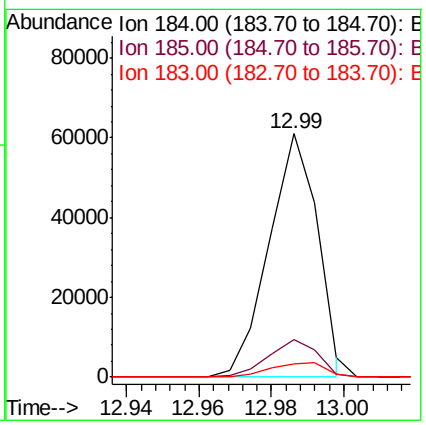


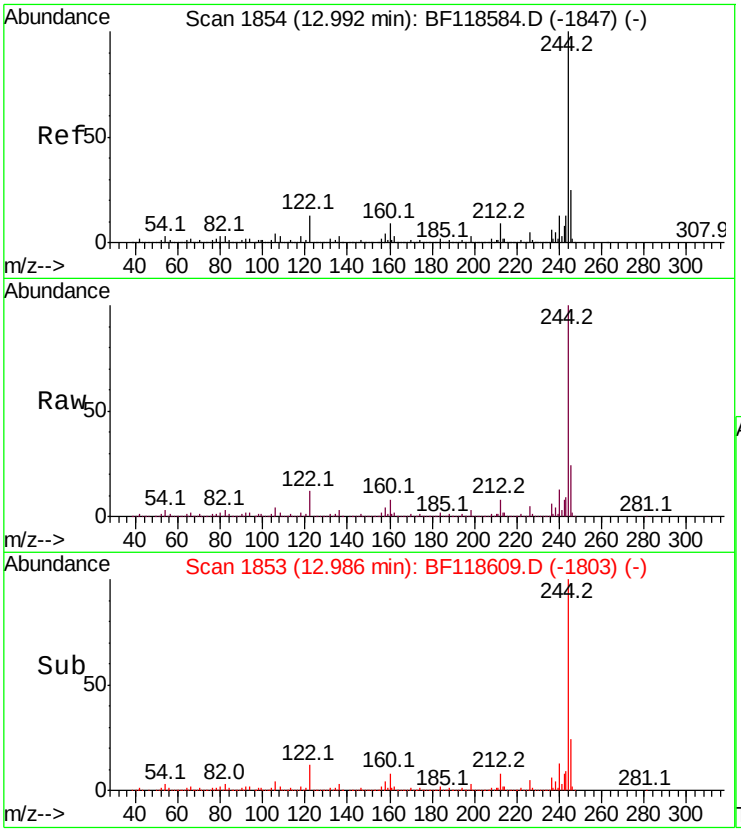


#77
Benzidine
Concen: 2.228 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.25 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Tgt Ion:184 Resp: 56933

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.9	19.3
183	5.7	9.6	14.4#



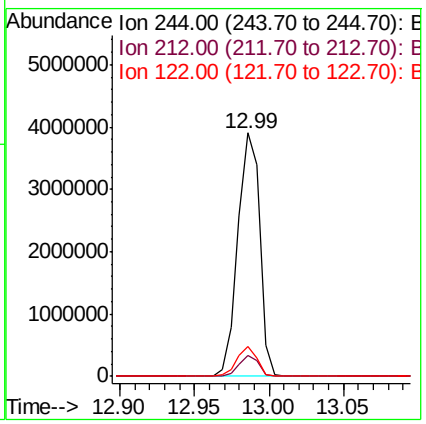


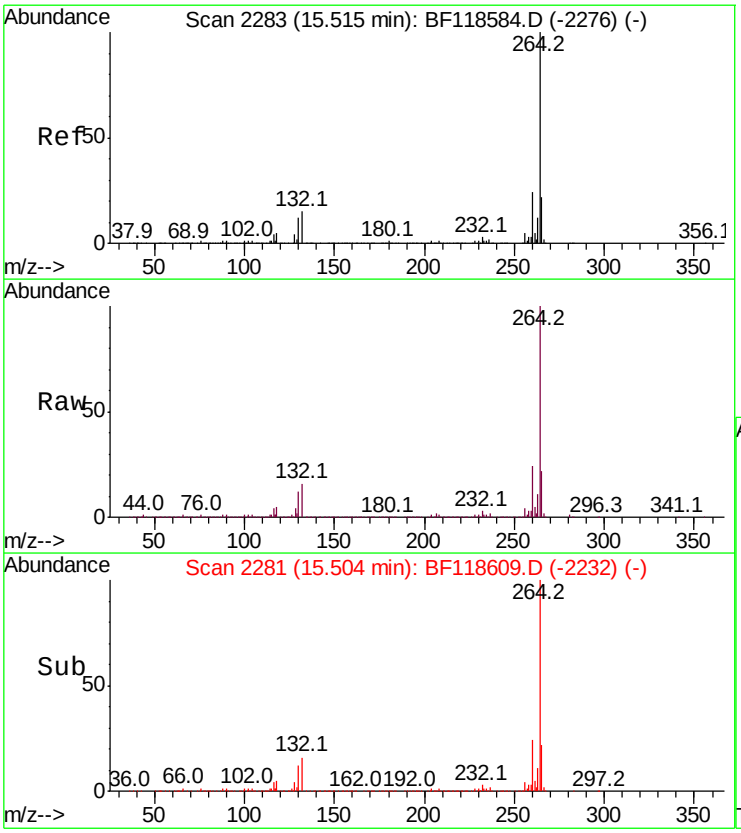
#79
Terphenyl-d14
Concen: 91.177 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3997555

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.4
122	12.4	10.7	16.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF118609.D
Acq: 20 Jan 2020 23:39

Tgt Ion:264 Resp: 1139177

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.1	17.7	26.5