Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118834.D
Acq On : 6 Feb 2020 13:55
Operator : CG/JU
Sample : L1394-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 06 17:13:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	237348	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	903598	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	502593	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	1033734	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	882822	20.00	ng	-0.01
87) Perylene-d12	15.41	264	851389	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1252534	99.89	ng	0.00
7) Phenol-d6	6.45	99	1591300	102.24	ng	0.00
23) Nitrobenzene-d5	7.37	82	1053614	69.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	631872	105.07	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2205105	78.43	ng	-0.01
79) Terphenyl-d14	12.92	244	2925703	68.07	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	280	Below Cal	#	40
10) Phenol	6.45	94	39546	2.285	ng	# 71
19) n-Nitroso-di-n-propylamine	7.37	70	142290	14.941	ng	# 79
25) Isophorone	7.37	82	1053605	38.671	ng	# 63
50) Dimethylphthalate	9.56	163	177705	5.193	ng	98
51) 2,6-Dinitrotoluene	9.85	165	64643	8.255	ng	# 30
57) 2,4-Dinitrotoluene	9.85	165	64645	6.238	ng	# 34
67) 4-Bromophenyl-phenylether	10.63	248	41381	3.384	ng	# 1

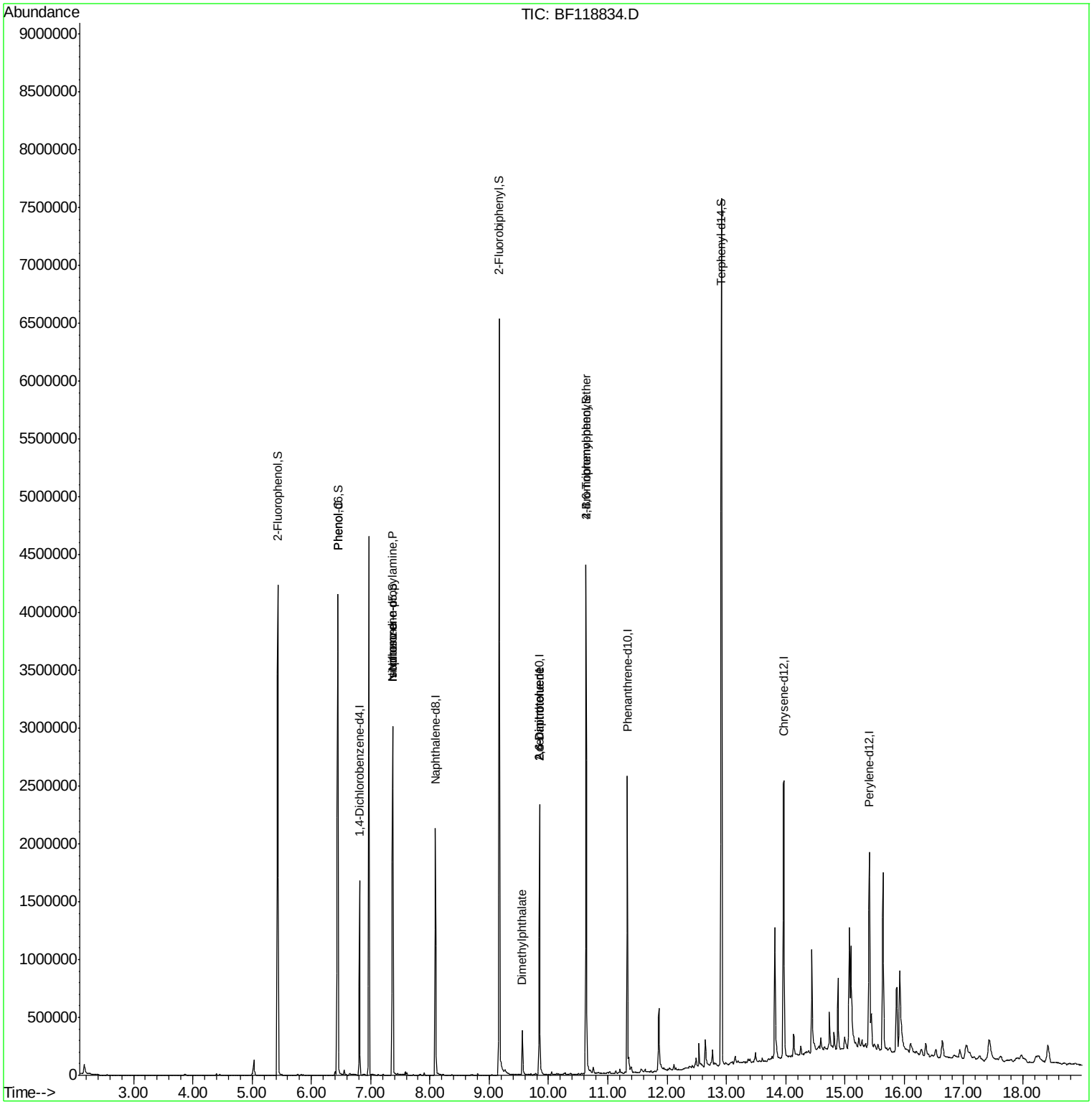
(#) = qualifier out of range (m) = manual integration (+) = signals summed

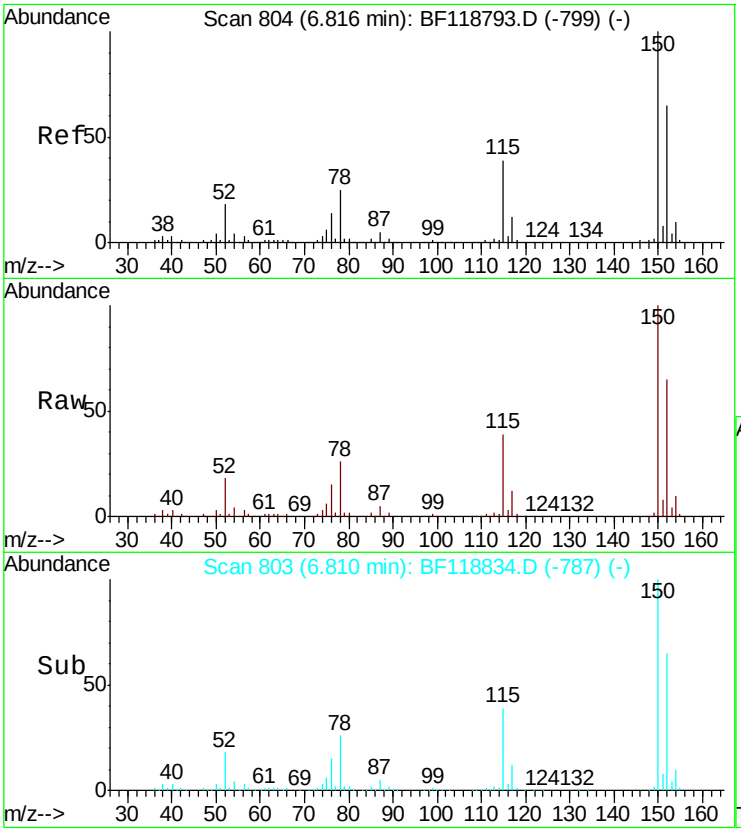
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118834.D
Acq On : 6 Feb 2020 13:55
Operator : CG/JU
Sample : L1394-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 06 17:13:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



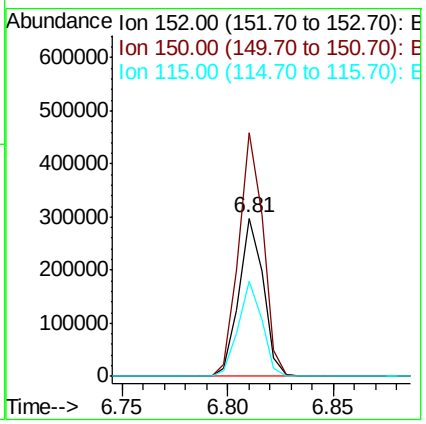


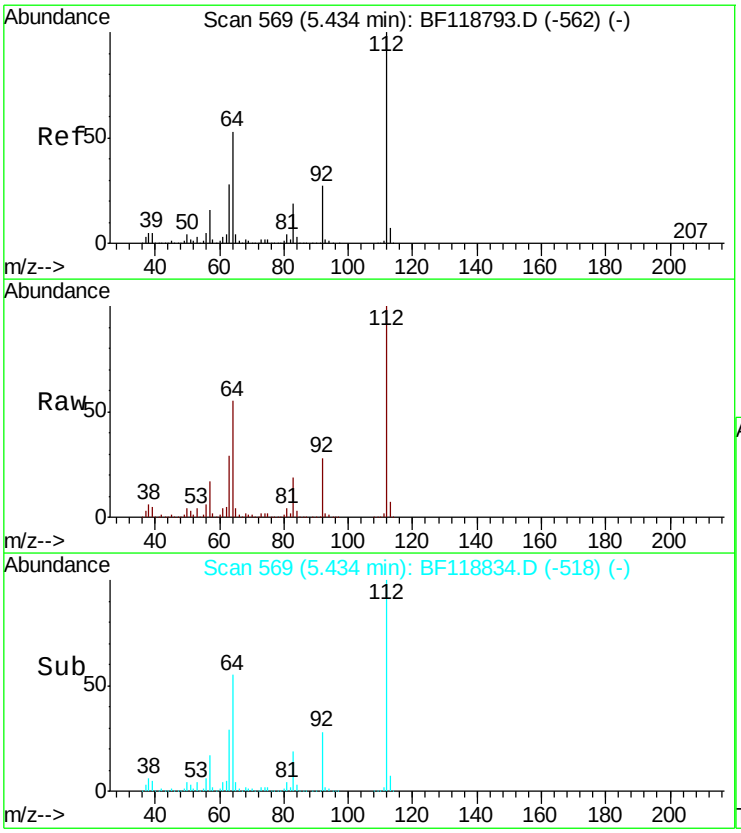
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 237348

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.6	185.4
115	60.1	48.2	72.2

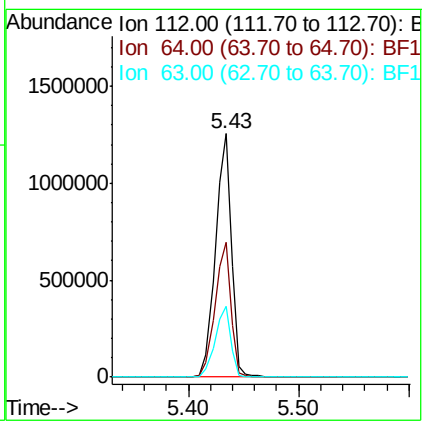


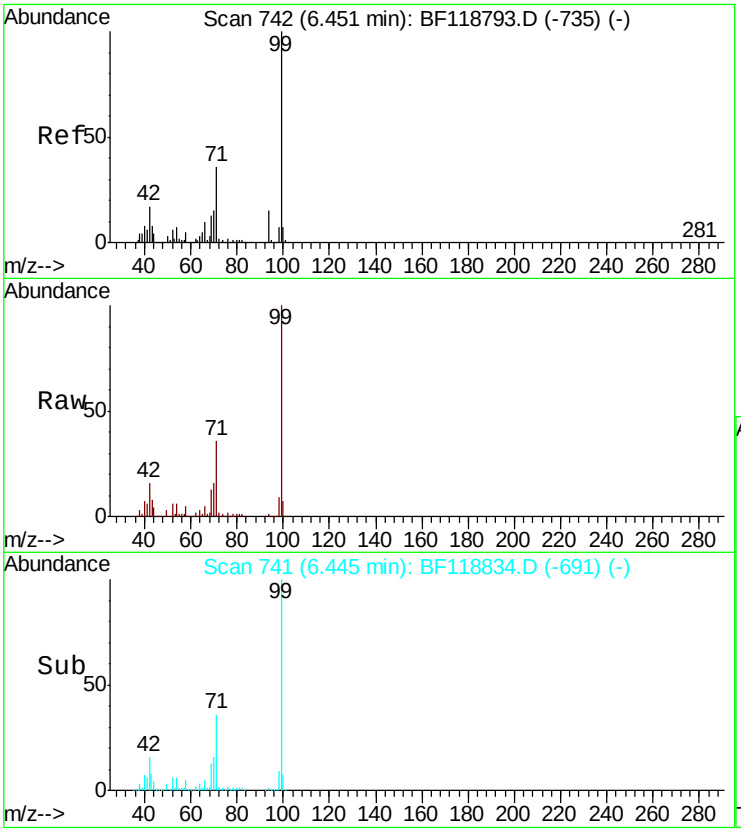


#5
2-Fluorophenol
Concen: 99.894 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Tgt Ion:112 Resp: 1252534

Ion	Ratio	Lower	Upper
112	100		
64	55.4	42.6	63.8
63	28.9	22.2	33.4



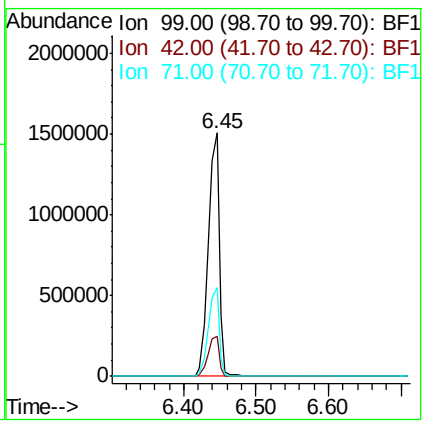


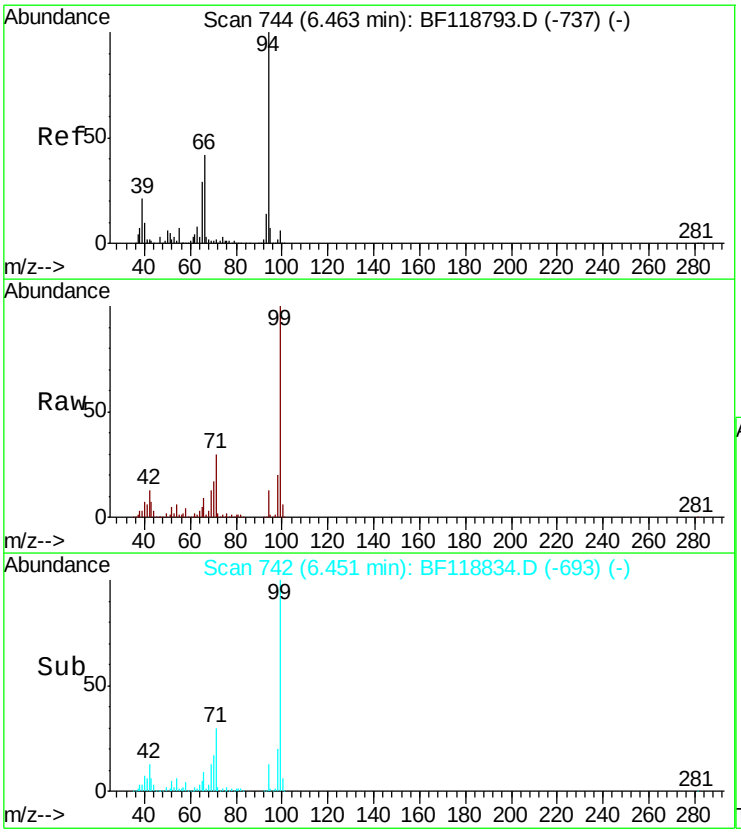
#7
Phenol-d6
Concen: 102.236 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1591300

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.4	20.0
71	36.2	29.0	43.6

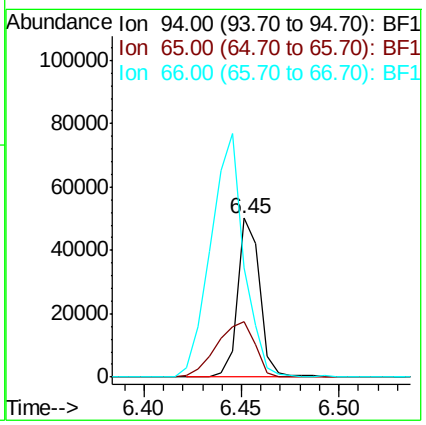


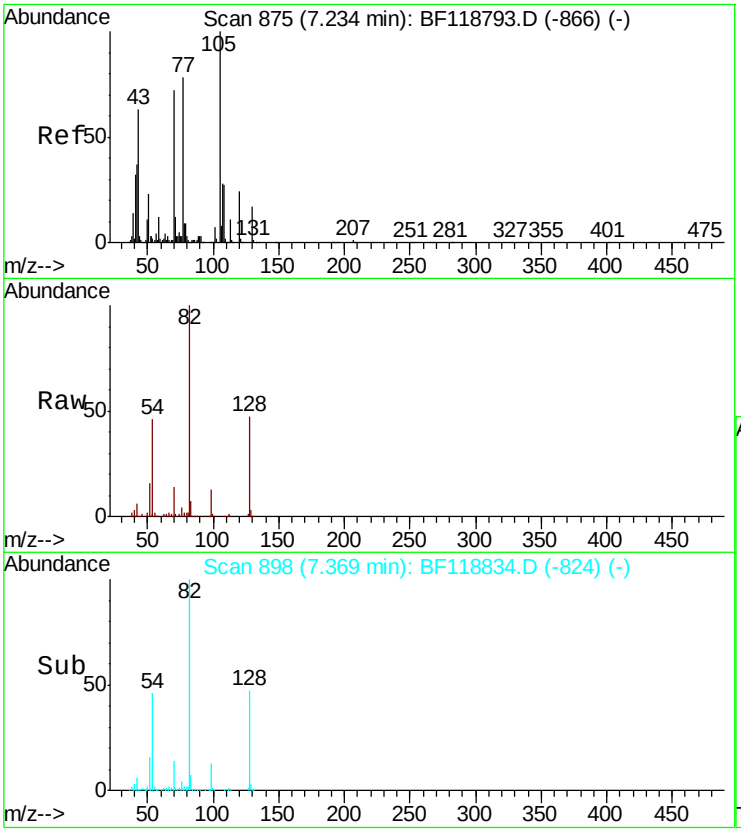


#10
Phenol
Concen: 2.285 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Tgt Ion: 94 Resp: 39546

Ion	Ratio	Lower	Upper
94	100		
65	34.6	9.1	49.1
66	68.5	21.7	61.7#



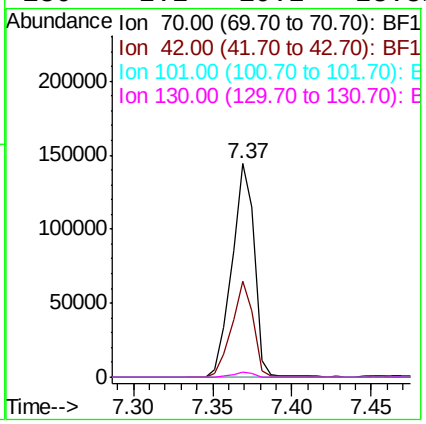


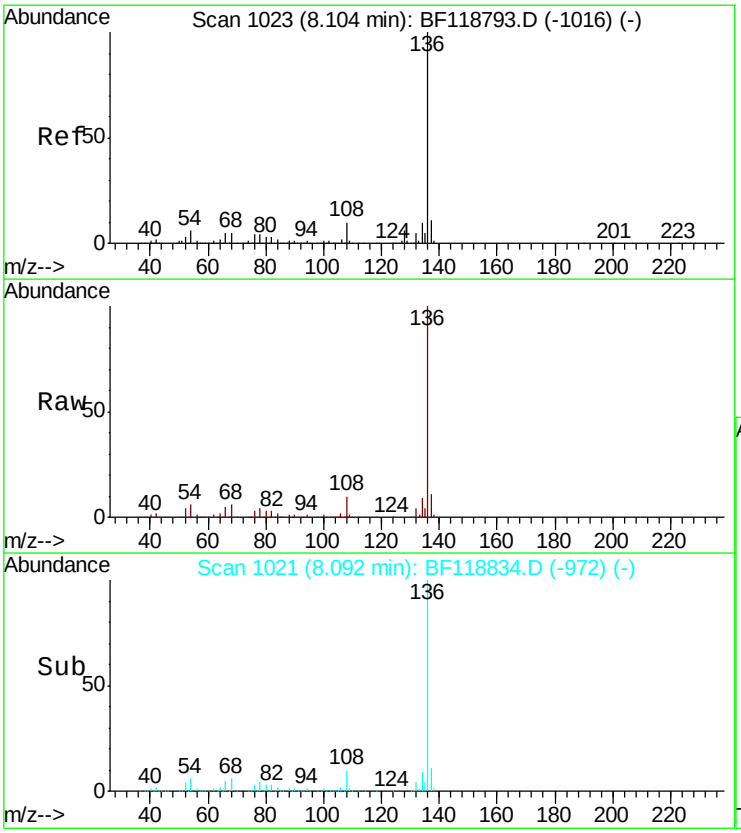
#19
n-Nitroso-di-n-propylamine
Concen: 14.941 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 142290

Ion	Ratio	Lower	Upper
70	100		
42	45.2	41.5	62.3
101	0.0	8.3	12.5#
130	2.2	19.2	28.8#

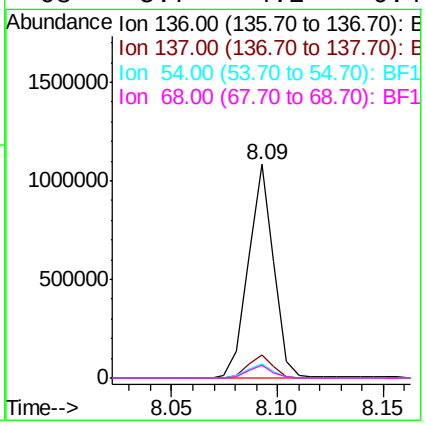


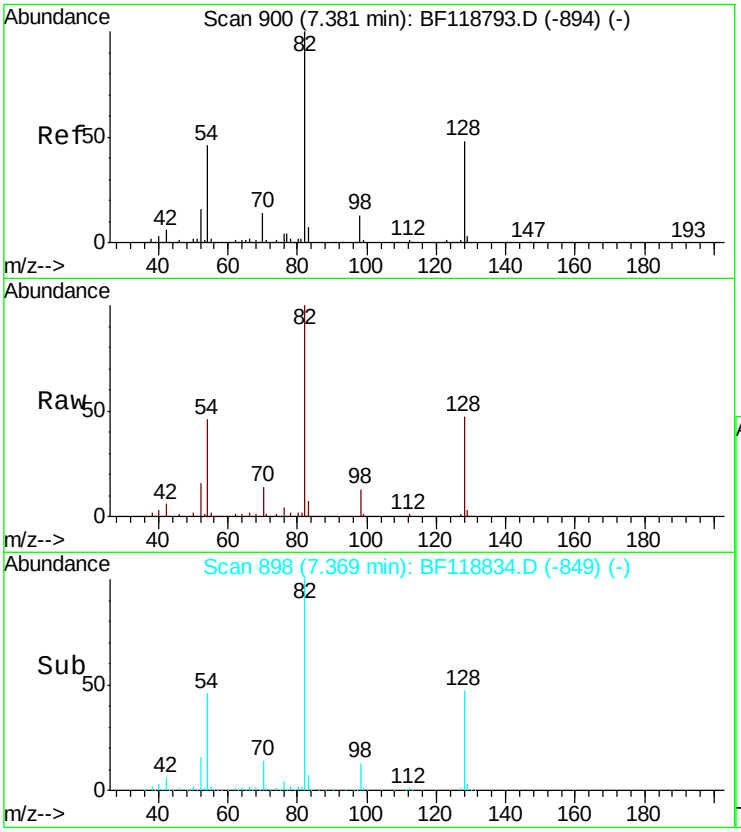


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Tgt Ion:136 Resp: 903598

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	5.0	7.6
68	5.7	4.2	6.4



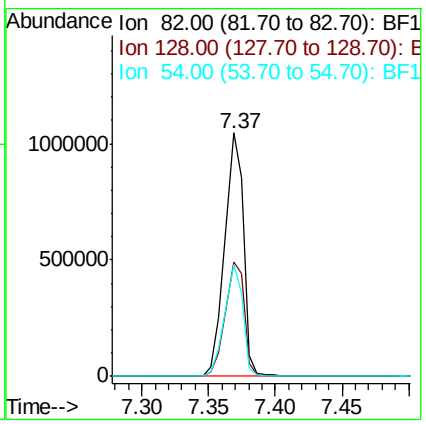


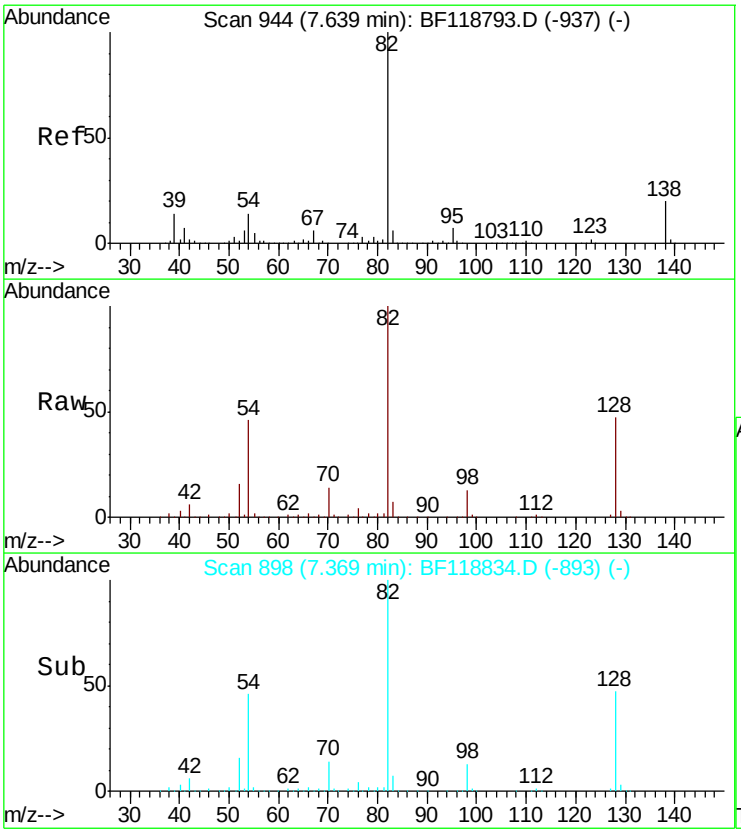
#23
Nitrobenzene-d5
Concen: 69.501 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1053614

Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.5	57.7
54	46.0	36.7	55.1

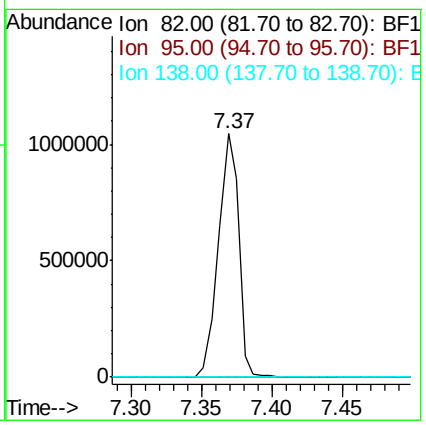


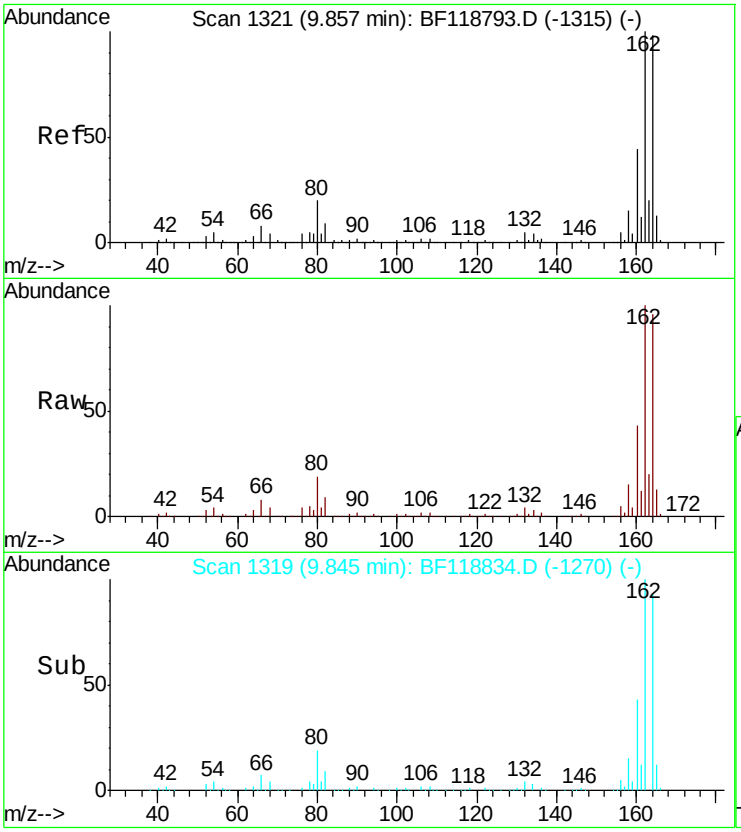


#25
Isophorone
Concen: 38.671 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Tgt Ion: 82 Resp: 1053605

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	15.7	23.5#



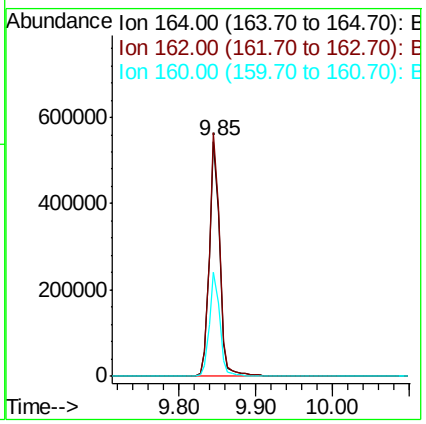


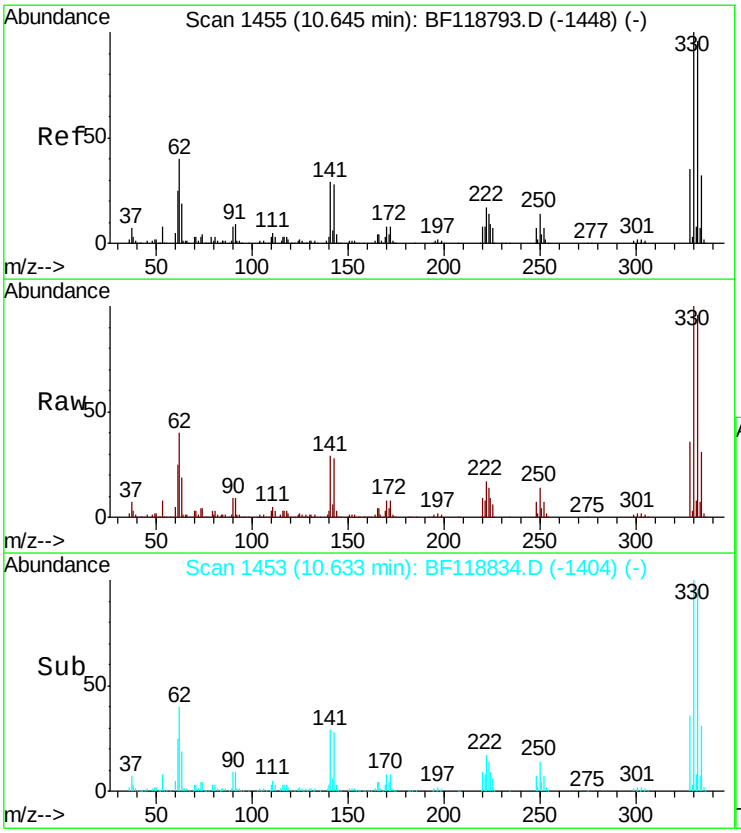
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 502593

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.4	122.2
160	44.5	35.6	53.4

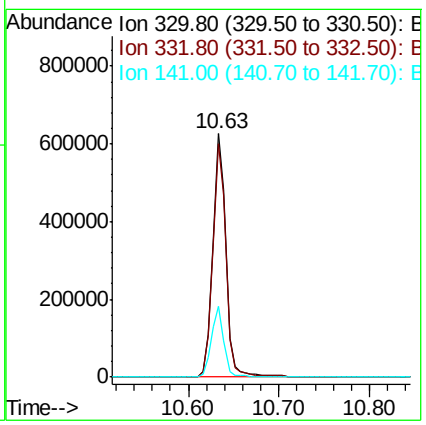


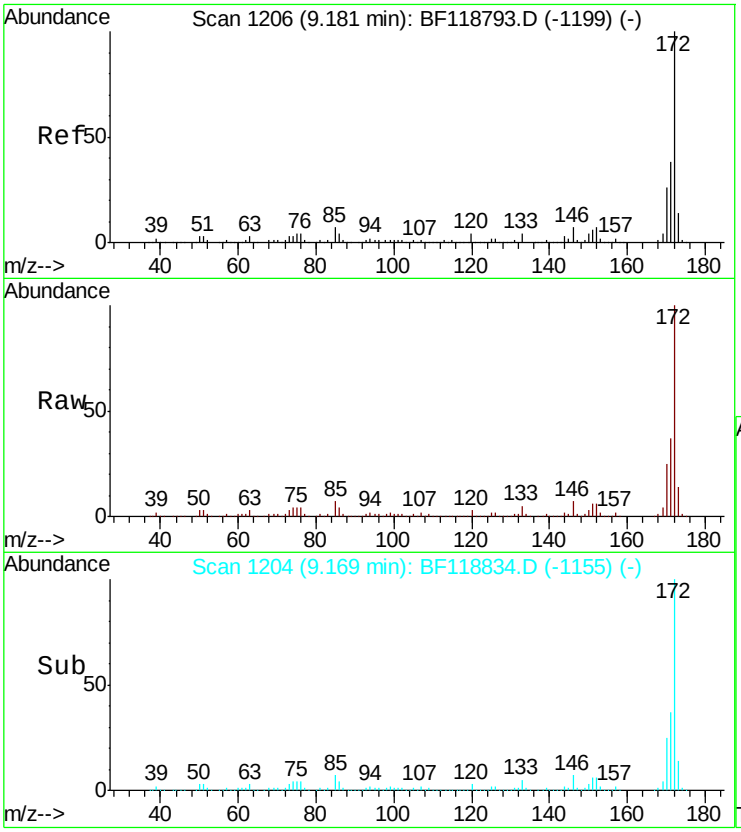


#42
2,4,6-Tribromophenol
Concen: 105.073 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Tgt Ion:330 Resp: 631872

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	28.2	22.4	33.6



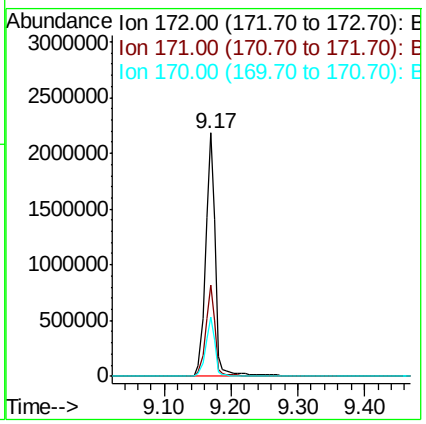


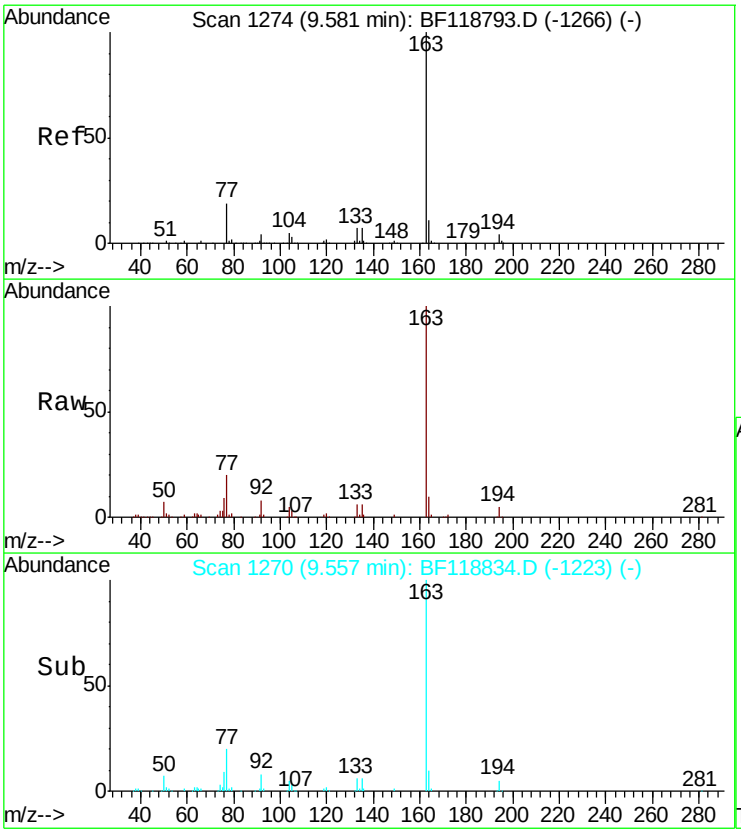
#45
2-Fluorobiphenyl
Concen: 78.434 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2205105

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	24.6	20.5	30.7

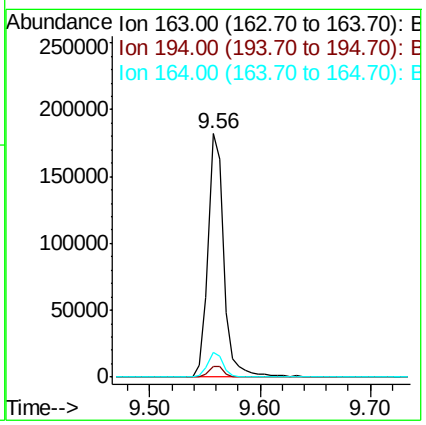


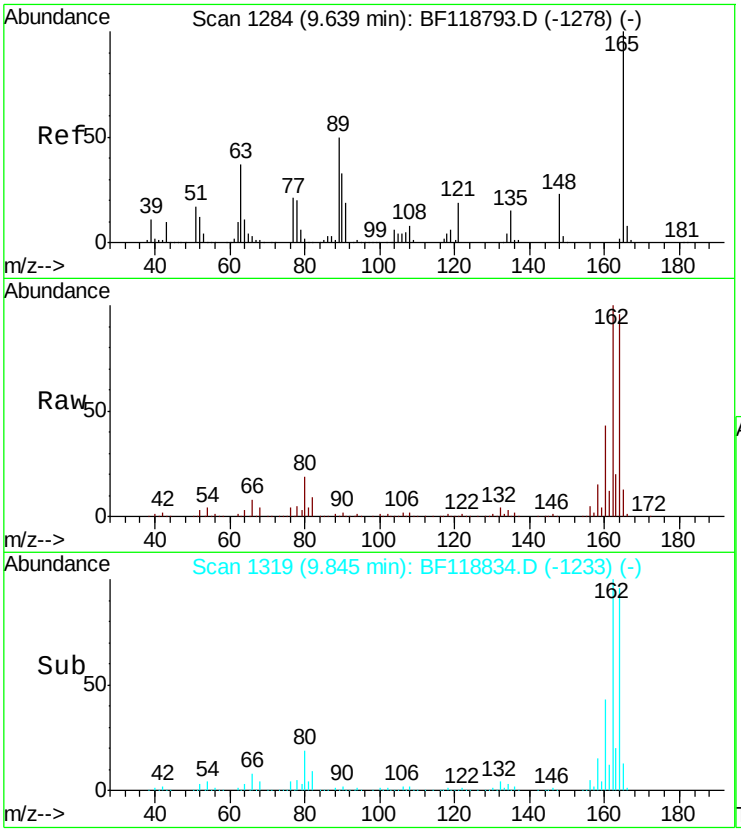


#50
Dimethylphthalate
Concen: 5.193 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Tgt Ion:163 Resp: 177705

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.0	8.7	13.1



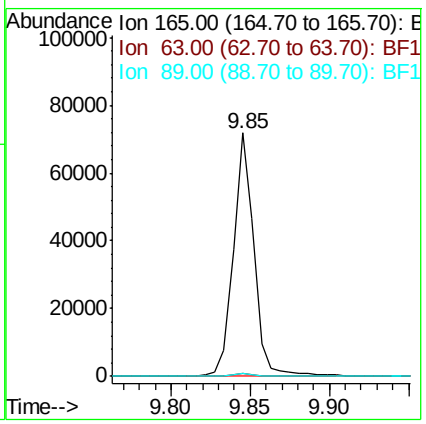


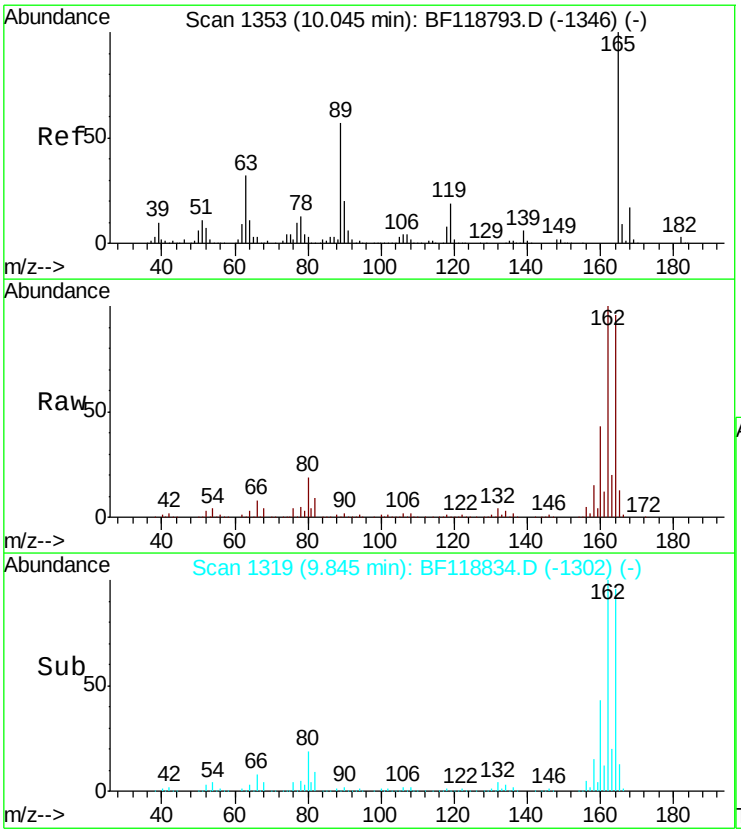
#51
2,6-Dinitrotoluene
Concen: 8.255 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 64643

Ion	Ratio	Lower	Upper
165	100		
63	1.0	37.4	56.0#
89	1.2	39.7	59.5#

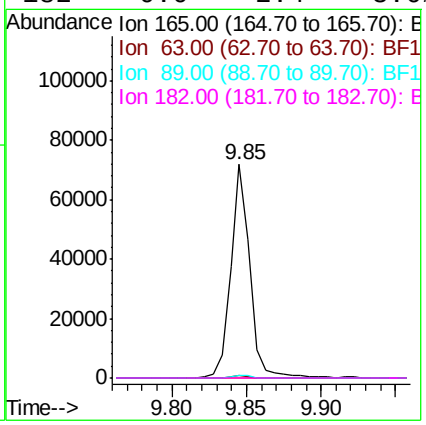


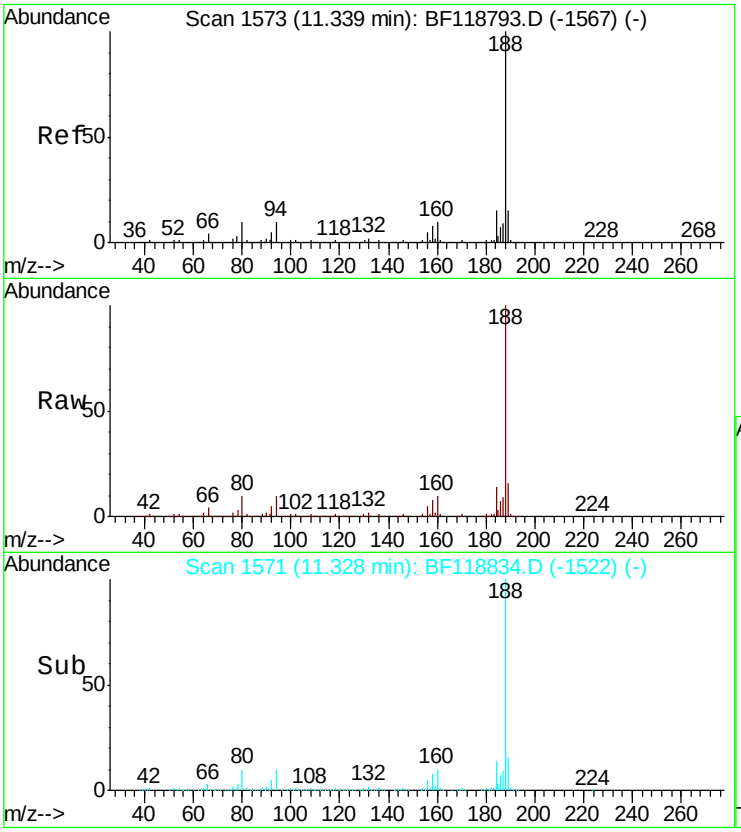


#57
2,4-Dinitrotoluene
Concen: 6.238 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Tgt Ion:165 Resp: 64645

Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.5	38.3#
89	1.2	45.4	68.0#
182	0.0	2.4	3.6#



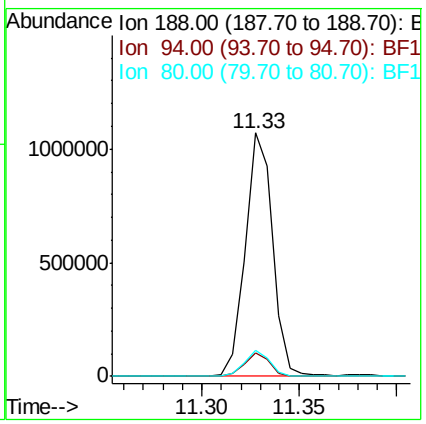


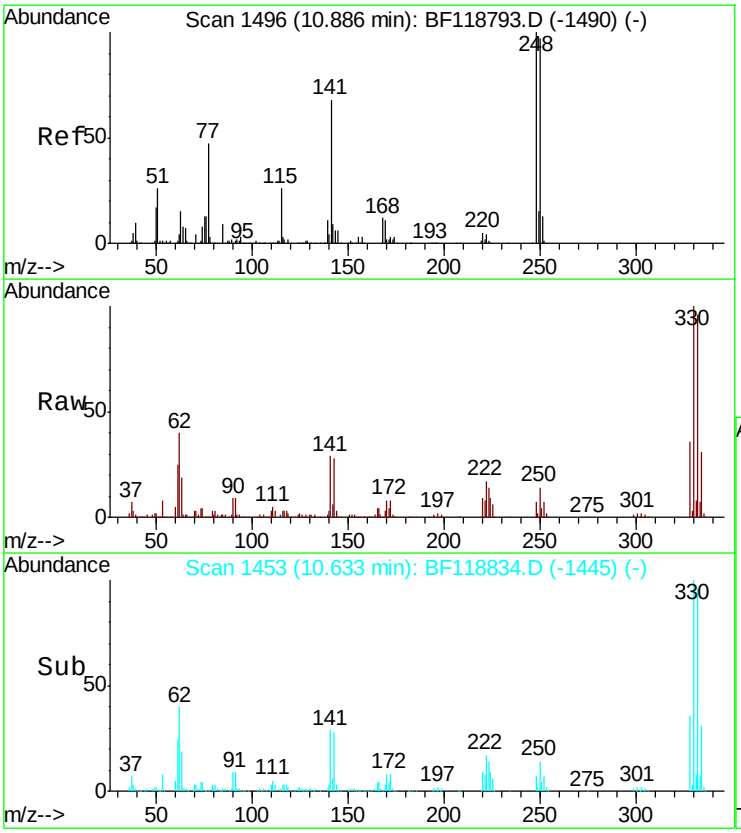
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1033734

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.4	8.4	12.6

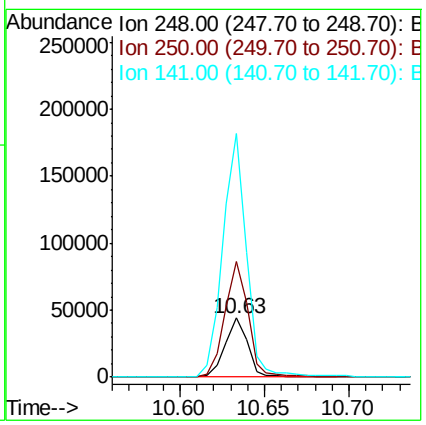


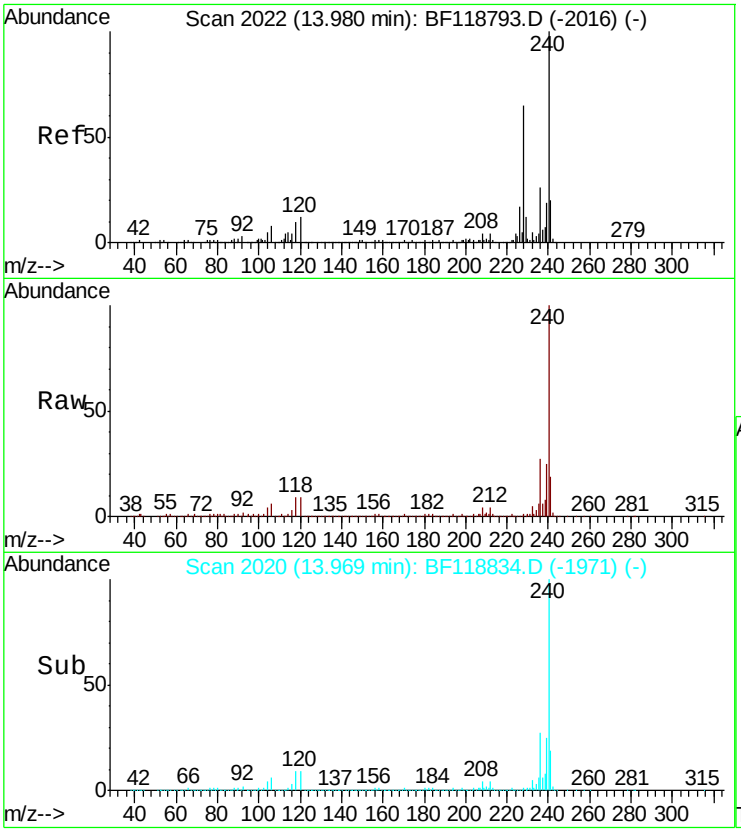


#67
4-Bromophenyl-phenylether
Concen: 3.384 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Tgt Ion:248 Resp: 41381

Ion	Ratio	Lower	Upper
248	100		
250	196.5	77.6	116.4#
141	414.0	54.4	81.6#



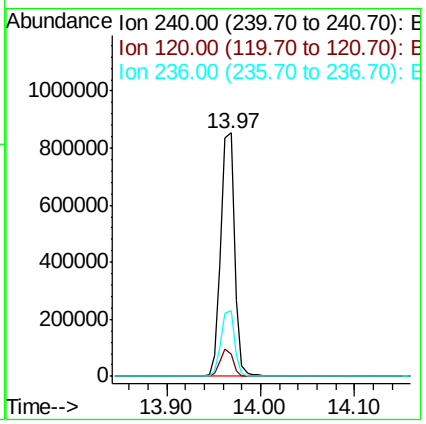


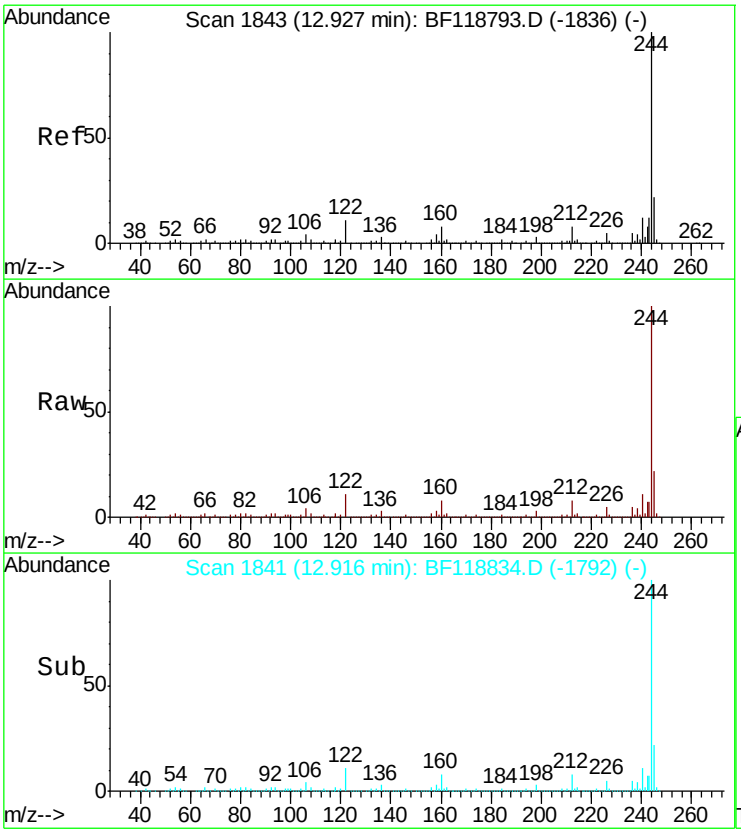
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 882822

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.4	14.0#
236	26.8	21.0	31.6

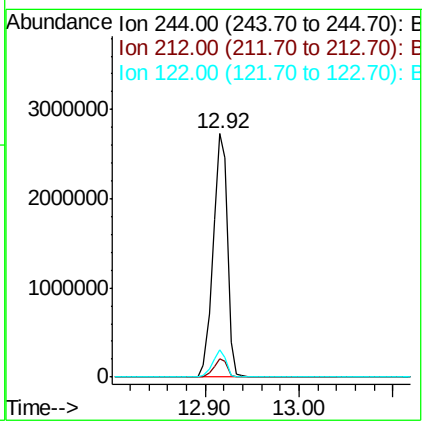


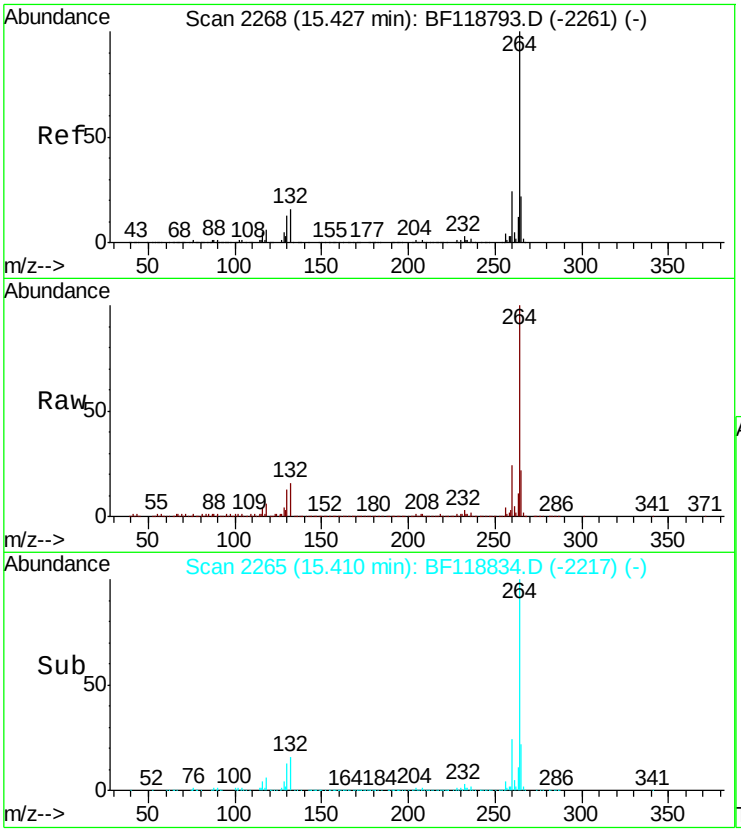


#79
Terphenyl-d14
Concen: 68.072 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Tgt Ion:244 Resp: 2925703

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	11.1	8.9	13.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF118834.D
Acq: 6 Feb 2020 13:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 851389

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.0	17.2	25.8