Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
Data File : BF119404.D
Acq On : 13 Mar 2020 2:49
Operator : CG/JU
Sample : L1871-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 13 04:27:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127032	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	494452	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	276831	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	555810	20.00	ng	0.00
76) Chrysene-d12	13.90	240	466475	20.00	ng	0.01
87) Perylene-d12	15.33	264	436662	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	954581	125.58	ng	0.02
7) Phenol-d6	6.38	99	1061342	114.81	ng	0.00
23) Nitrobenzene-d5	7.29	82	838381	89.53	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	493930	136.39	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1633950	86.95	ng	0.00
79) Terphenyl-d14	12.83	244	2311438	85.31	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.40	94	21160	2.117	ng	# 62
15) Benzyl Alcohol	6.87	79	14850	2.223	ng	# 55
19) n-Nitroso-di-n-propylamine	7.29	70	117578	21.827	ng	# 75
25) Isophorone	7.29	82	838381	51.550	ng	# 63
50) Dimethylphthalate	9.49	163	79706	3.765	ng	99
51) 2,6-Dinitrotoluene	9.76	165	35495	7.547	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	35495	5.823	ng	# 21
67) 4-Bromophenyl-phenylether	10.56	248	32168	4.428	ng	# 1

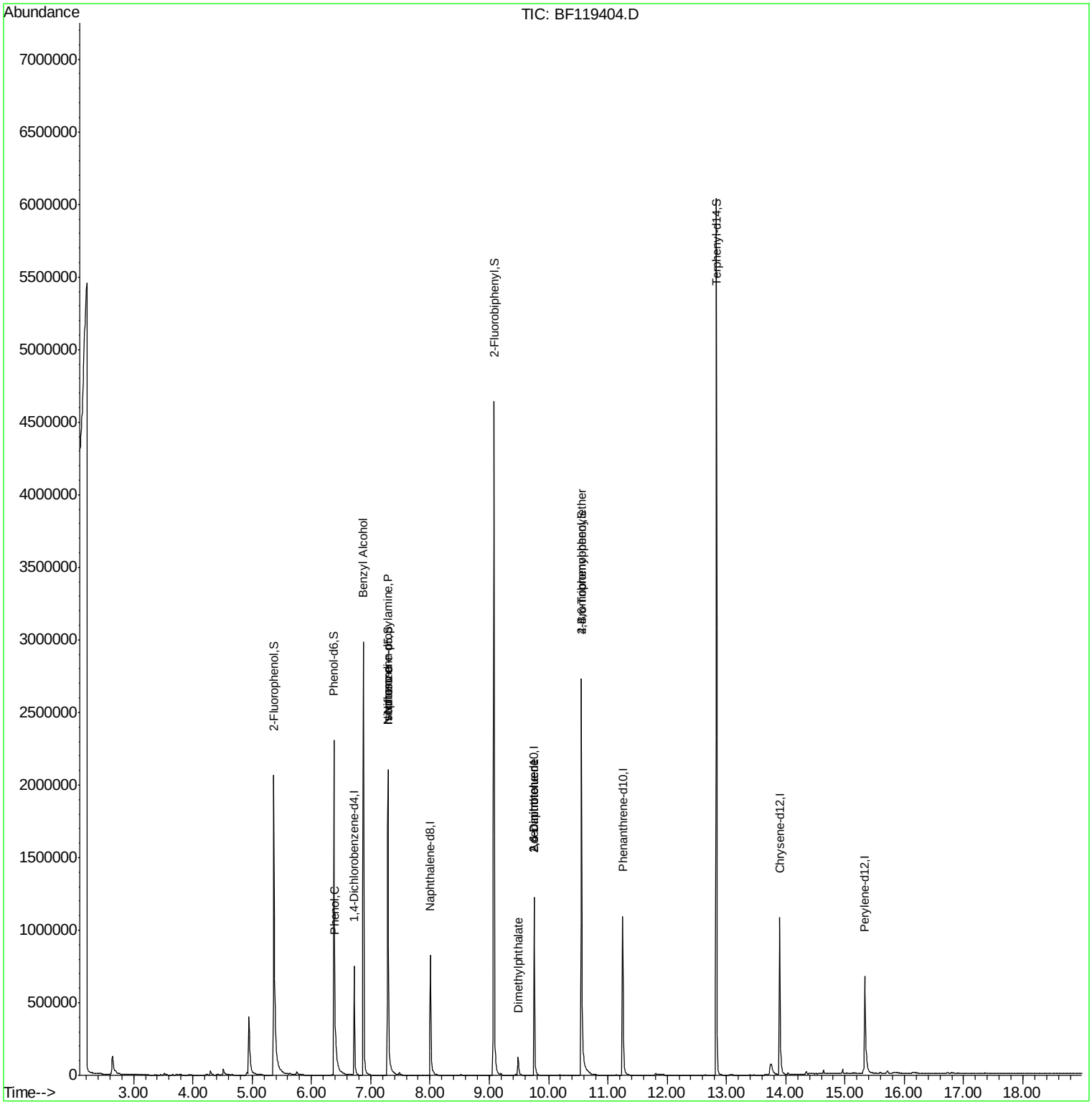
(#) = qualifier out of range (m) = manual integration (+) = signals summed

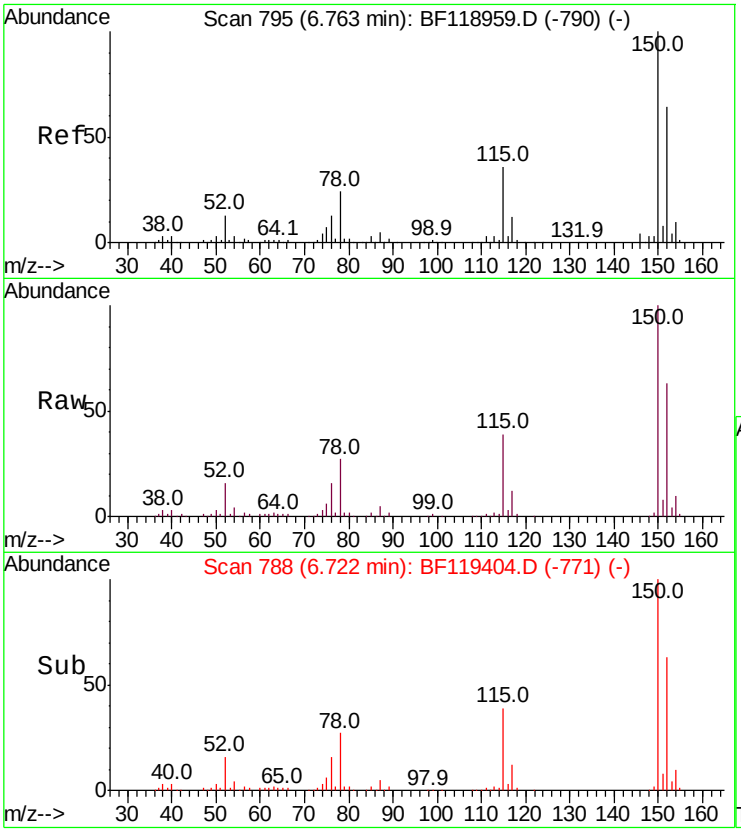
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
Data File : BF119404.D
Acq On : 13 Mar 2020 2:49
Operator : CG/JU
Sample : L1871-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 13 04:27:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration



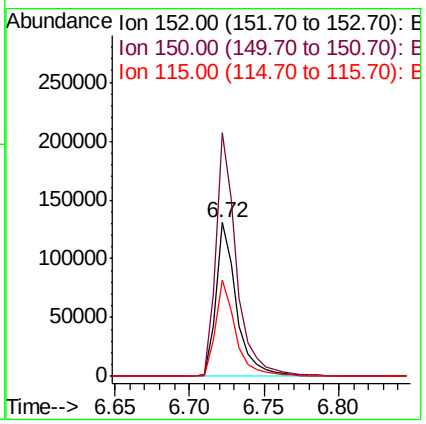


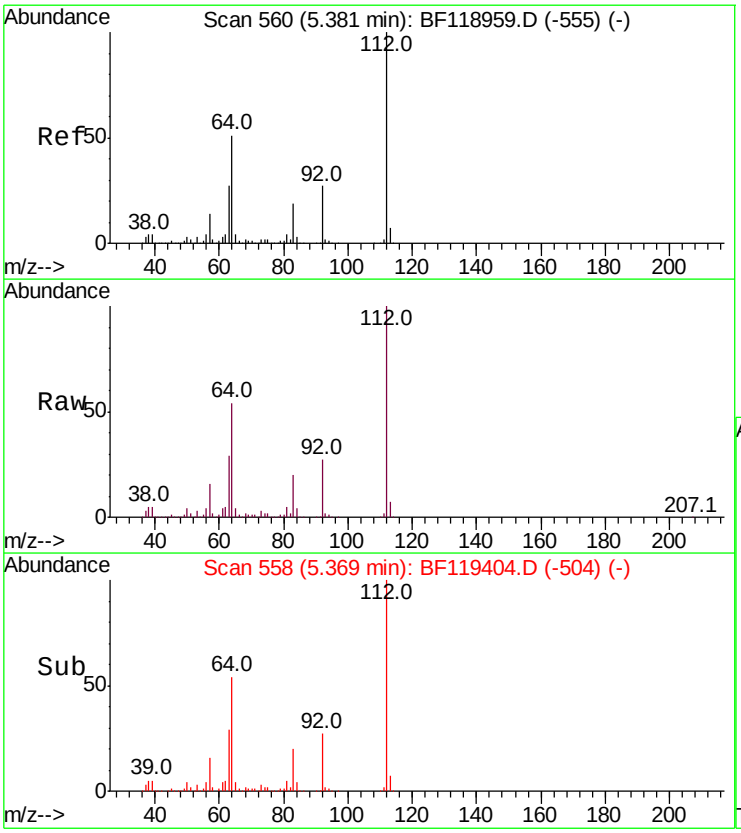
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 127032

Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.0	184.6
115	62.6	49.5	74.3

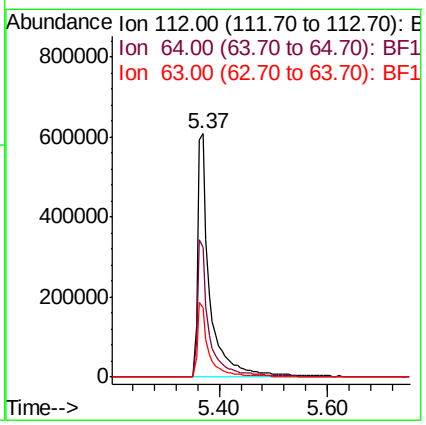


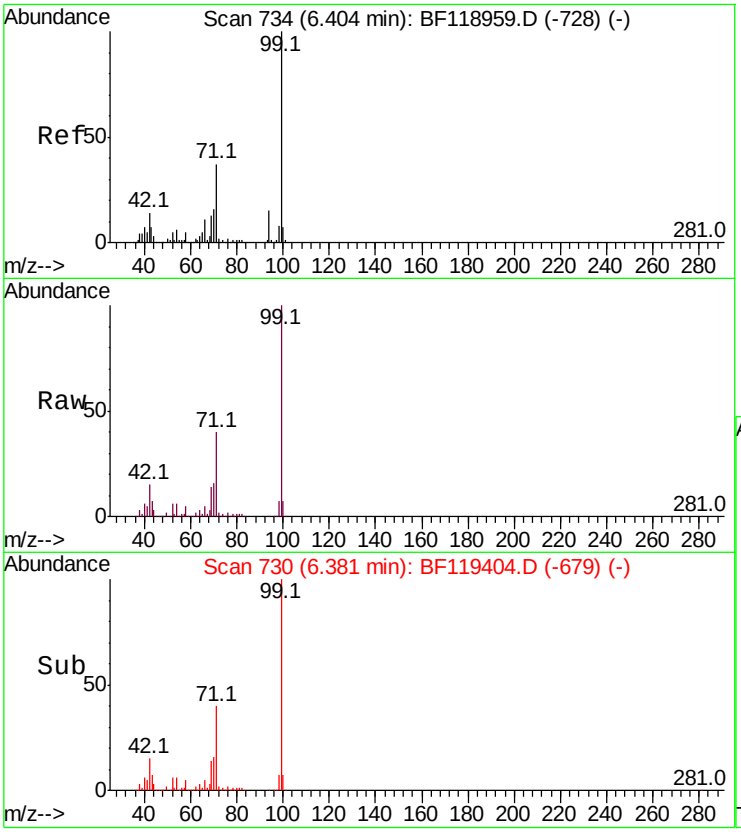


#5
2-Fluorophenol
Concen: 125.581 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Tgt Ion:112 Resp: 954581

Ion	Ratio	Lower	Upper
112	100		
64	53.5	45.0	67.4
63	28.7	24.2	36.4



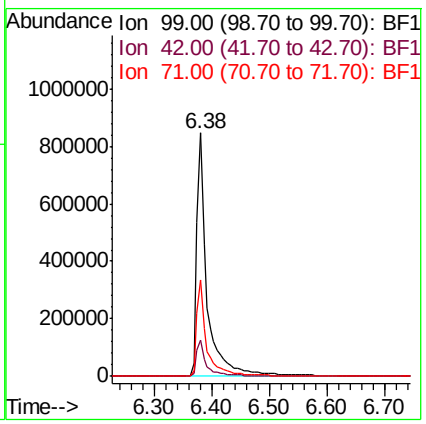


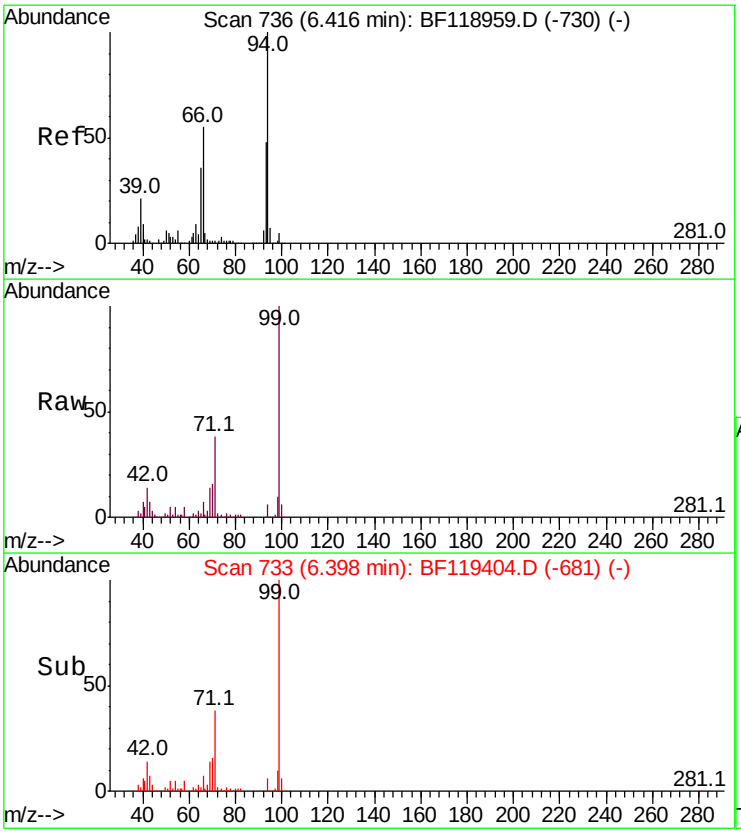
#7
Phenol-d6
Concen: 114.806 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1061342

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.6	18.8
71	39.7	31.0	46.4

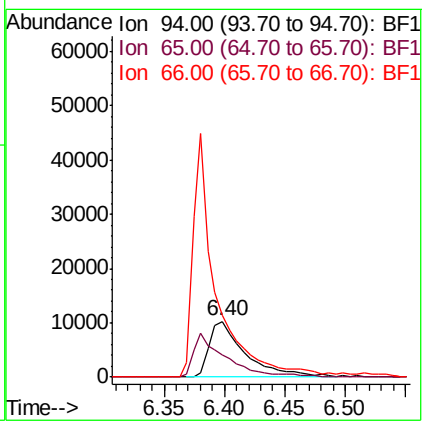


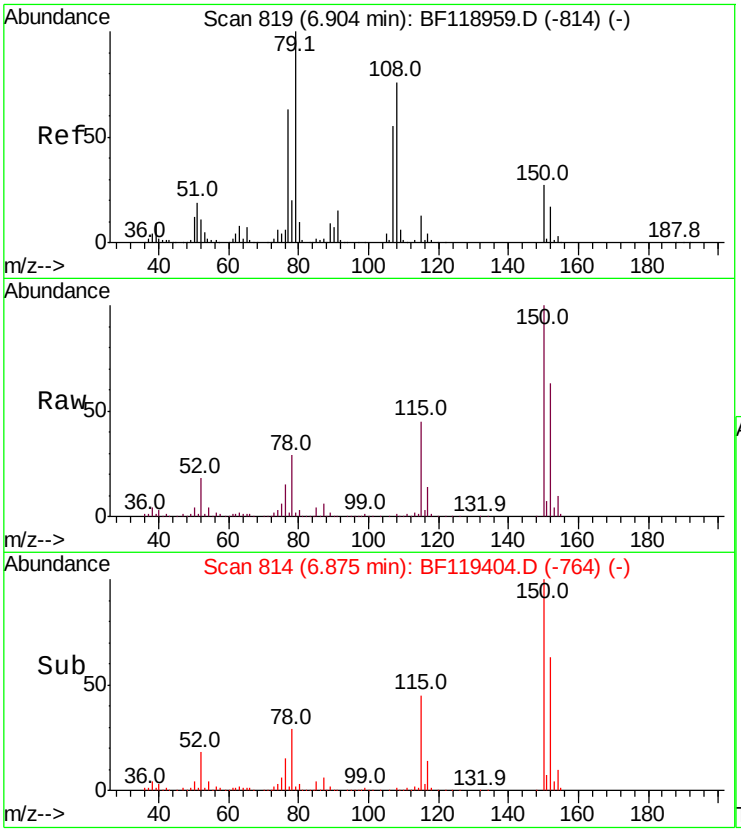


#10
Phenol
Concen: 2.117 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Tgt Ion: 94 Resp: 21160

Ion	Ratio	Lower	Upper
94	100		
65	39.0	19.2	59.2
66	111.8	44.4	84.4#



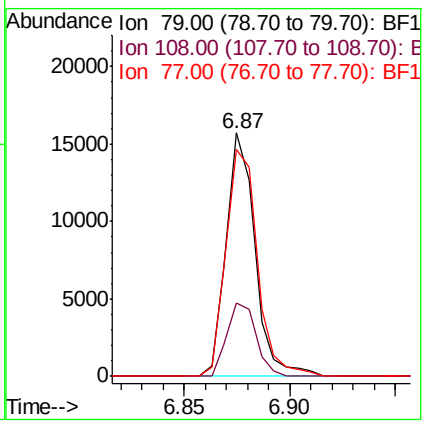


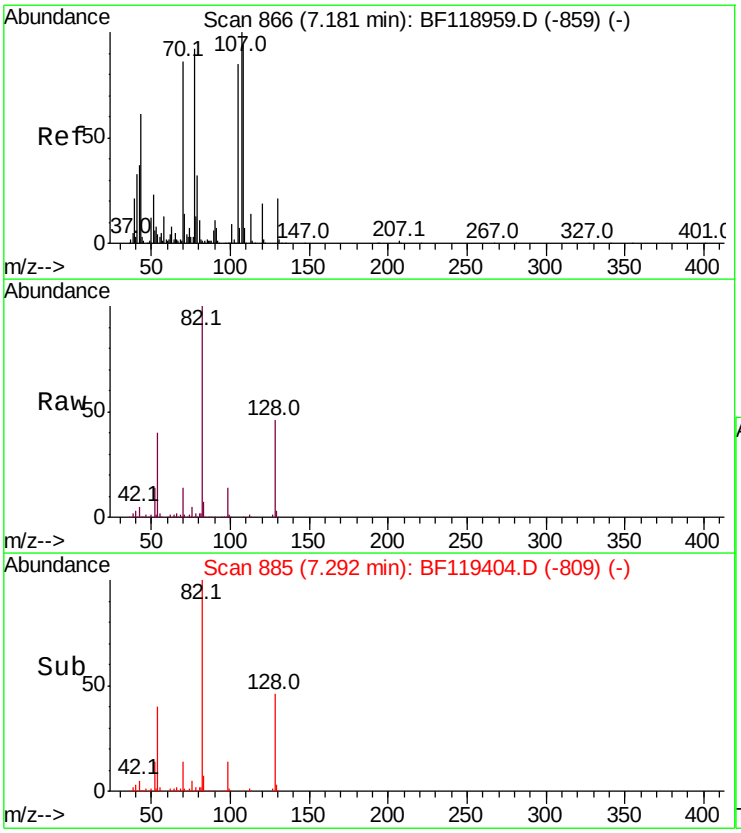
#15
Benzyl Alcohol
Concen: 2.223 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 14850

Ion	Ratio	Lower	Upper
79	100		
108	29.9	58.2	87.2#
77	93.4	51.2	76.8#

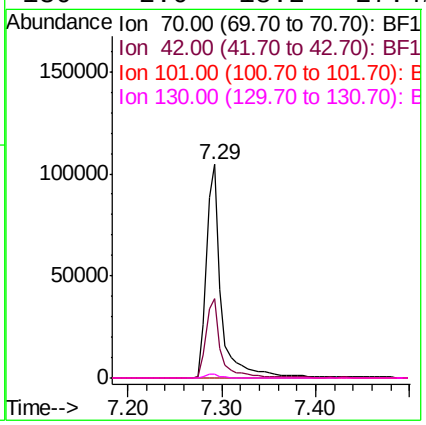


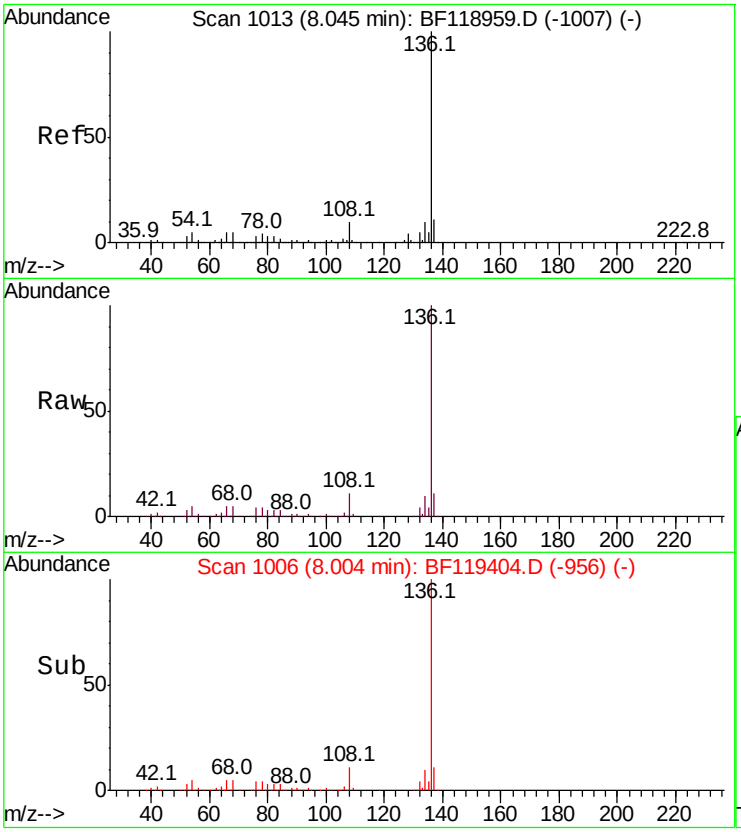


#19
n-Nitroso-di-n-propylamine
Concen: 21.827 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Tgt Ion: 70 Resp: 117578

Ion	Ratio	Lower	Upper
70	100		
42	37.0	38.0	57.0#
101	0.0	8.2	12.4#
130	2.0	18.2	27.4#



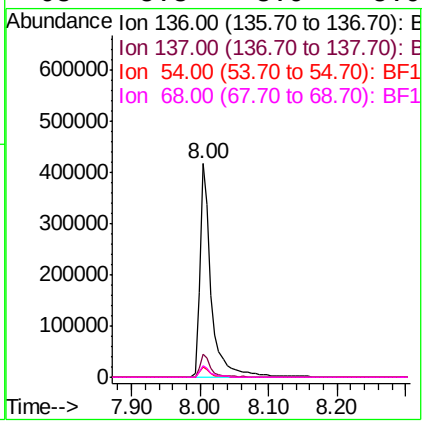


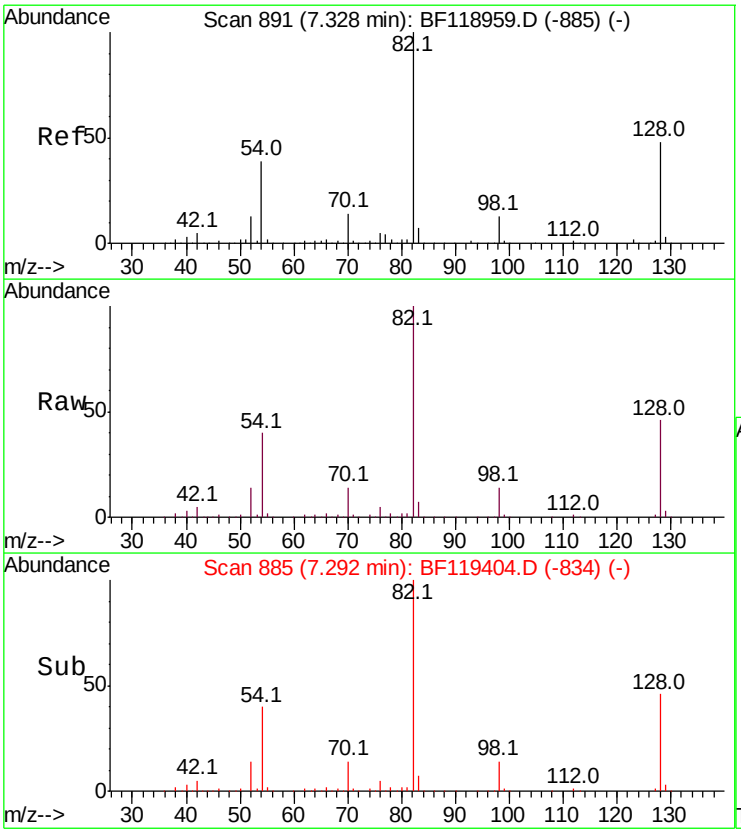
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 494452

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.1	3.8	5.6
68	5.3	3.9	5.9

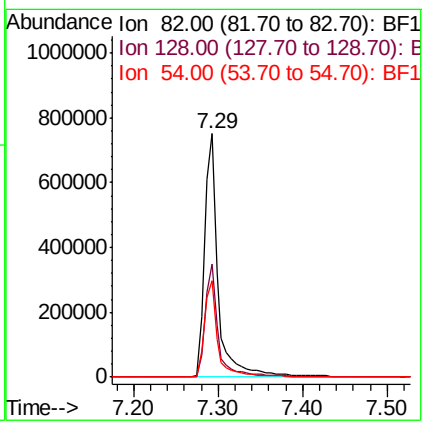


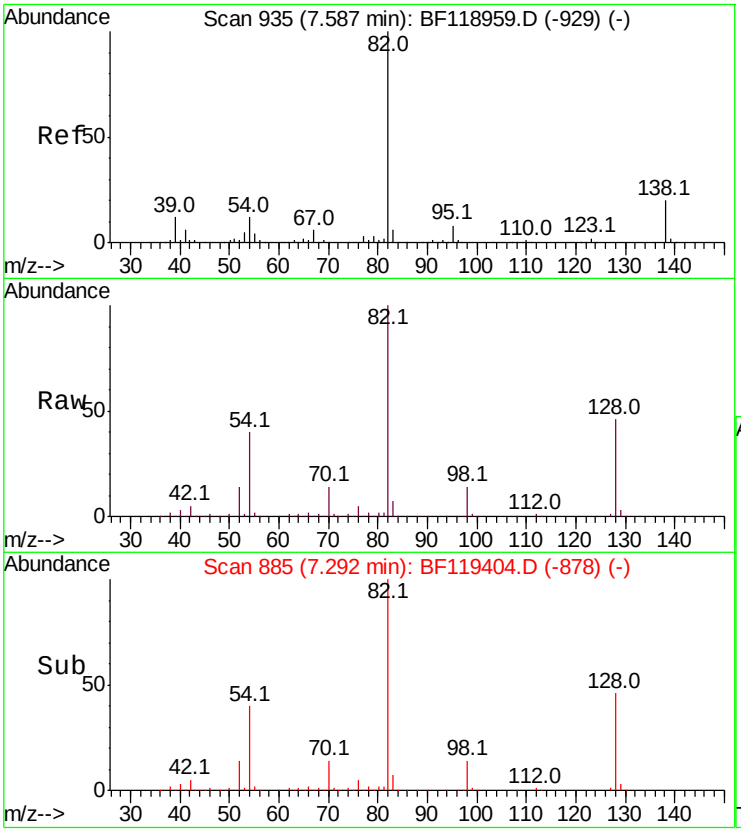


#23
Nitrobenzene-d5
Concen: 89.526 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Tgt Ion: 82 Resp: 838381

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.9	56.9
54	39.9	33.4	50.2



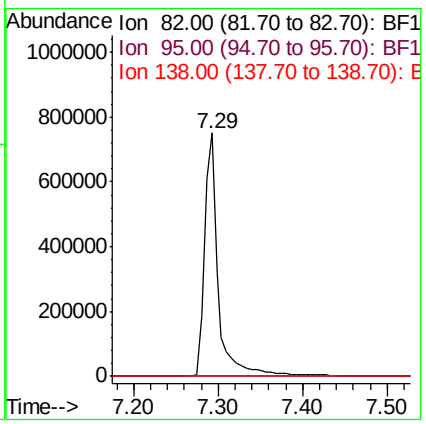


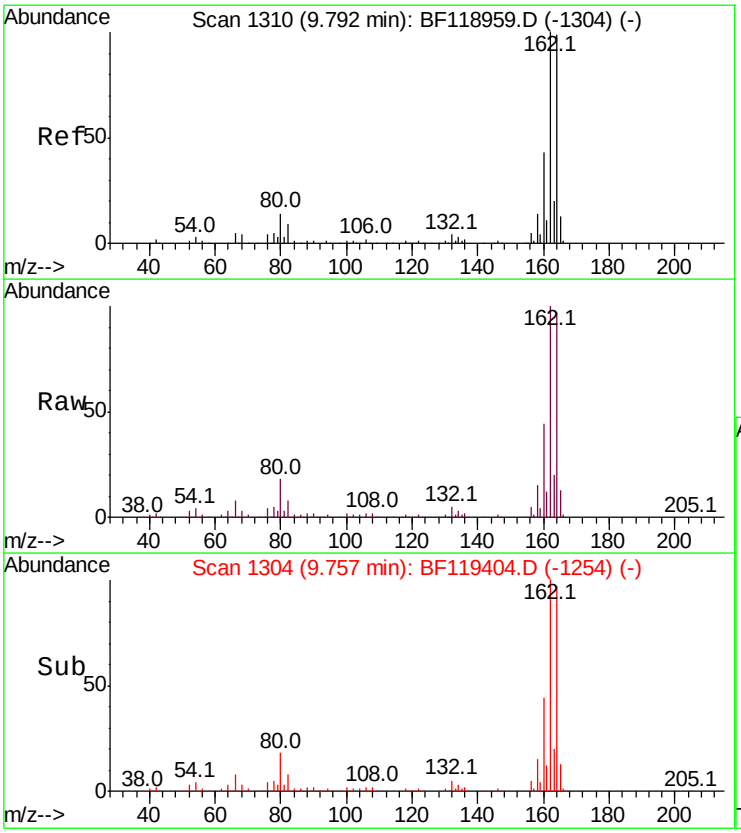
#25
Isophorone
Concen: 51.550 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 838381

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.4	9.6#
138	0.0	15.7	23.5#

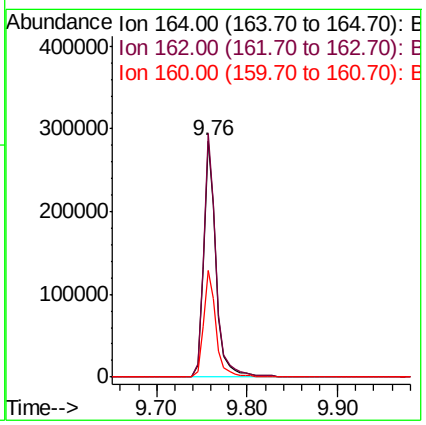


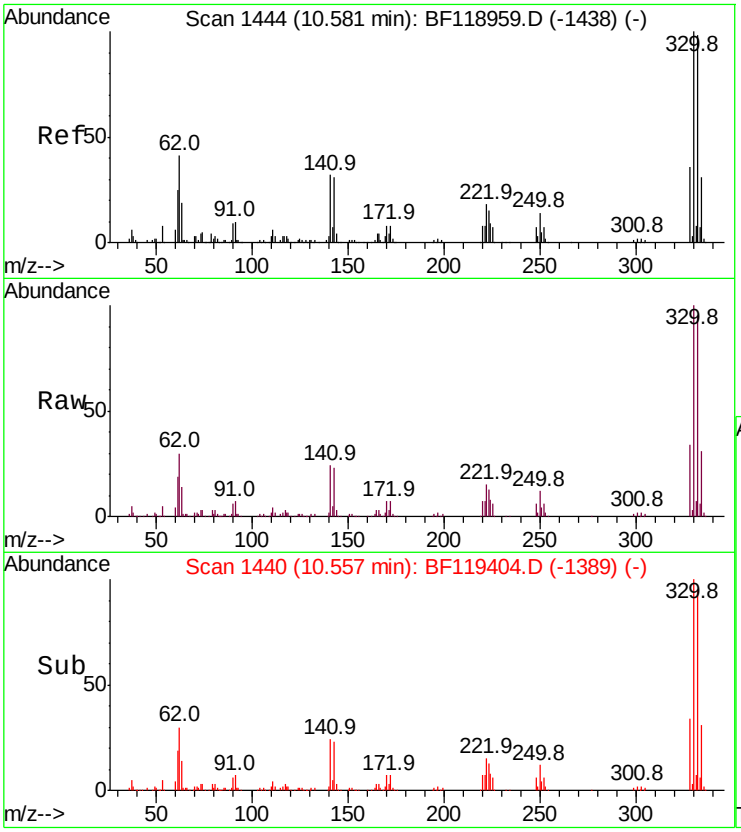


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Tgt Ion:164 Resp: 276831

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.8	122.8
160	45.2	36.0	54.0



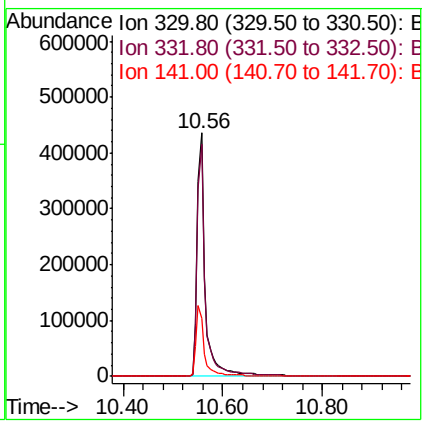


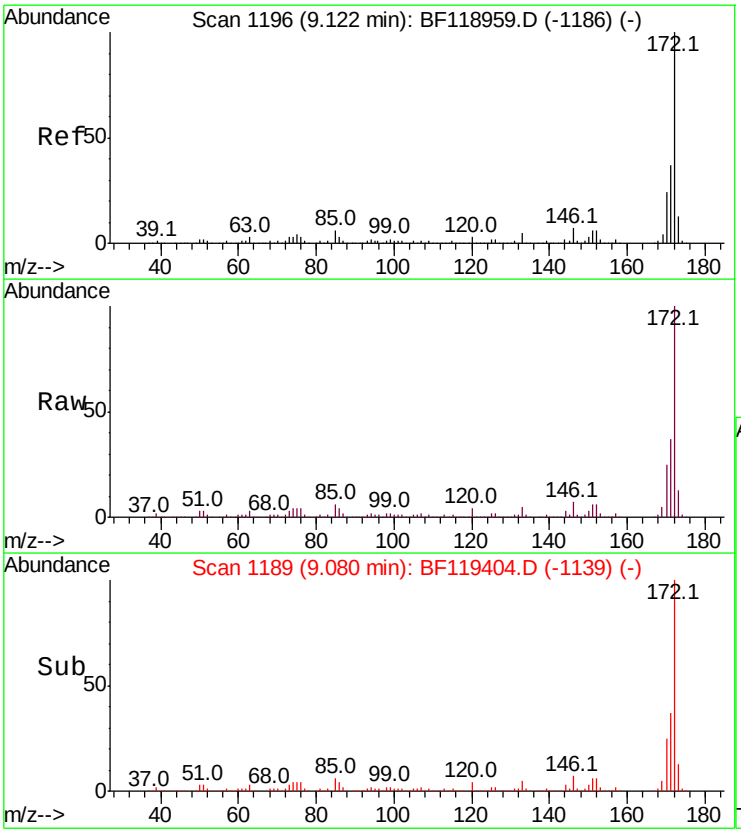
#42
2,4,6-Tribromophenol
Concen: 136.391 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 493930

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	29.7	22.9	34.3

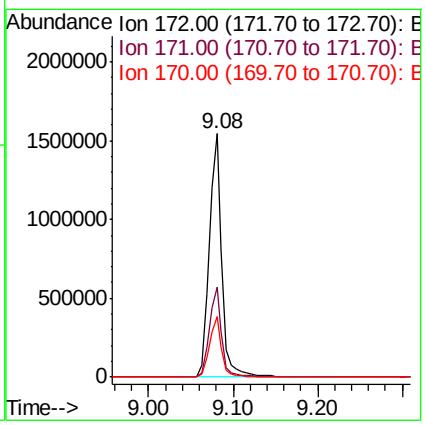


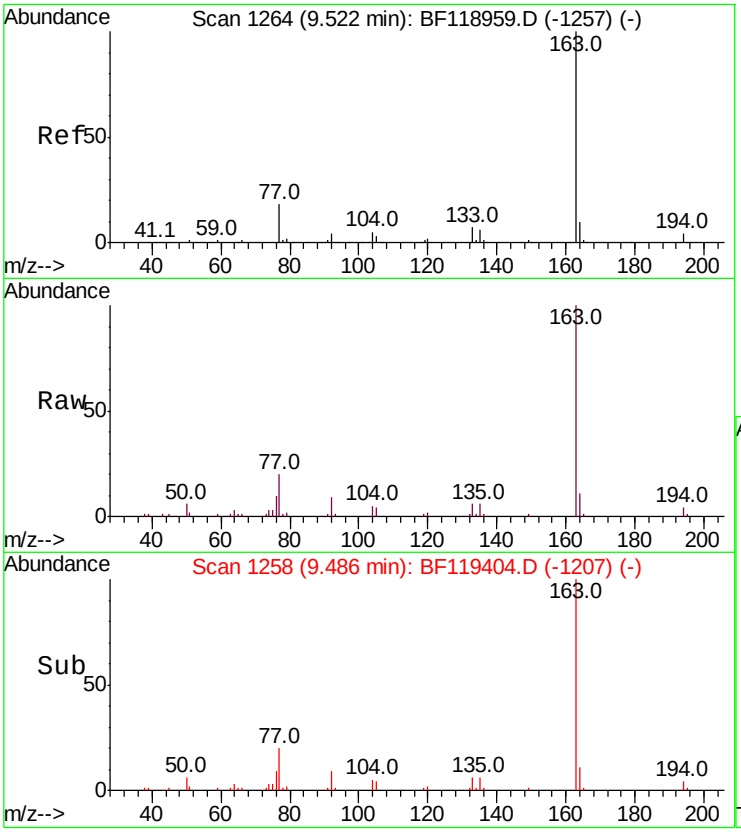


#45
2-Fluorobiphenyl
Concen: 86.952 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Tgt Ion:172 Resp: 1633950

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	24.6	20.2	30.2



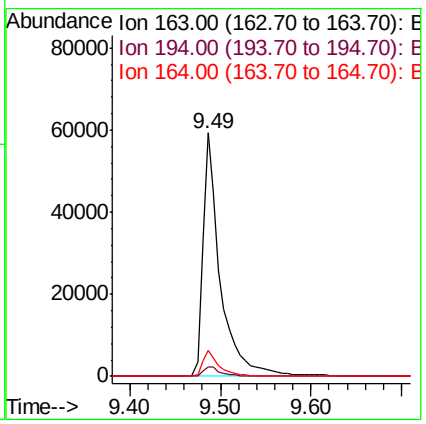


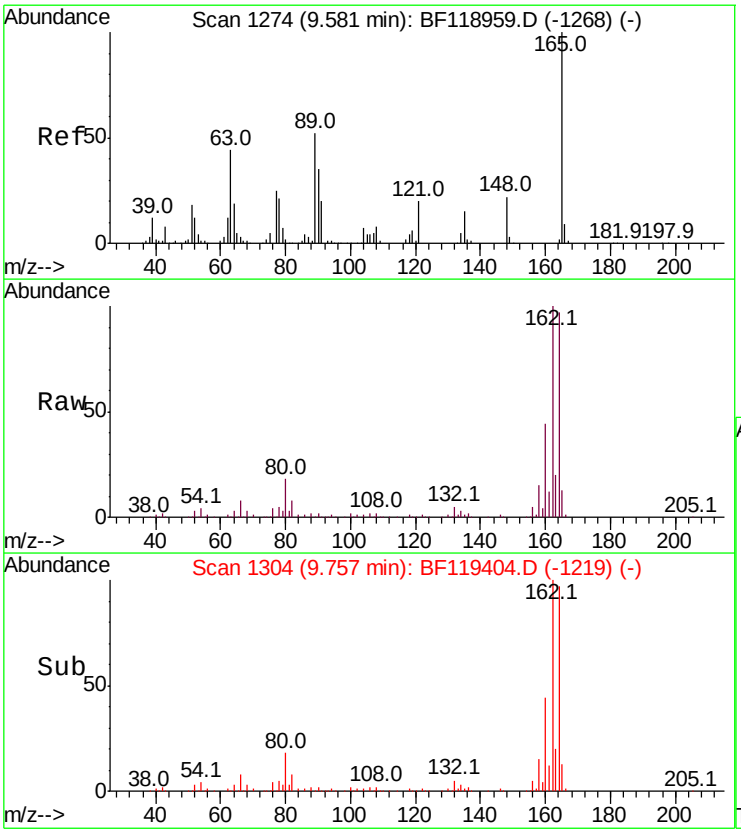
#50
Dimethylphthalate
Concen: 3.765 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 79706

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.8	8.4	12.6

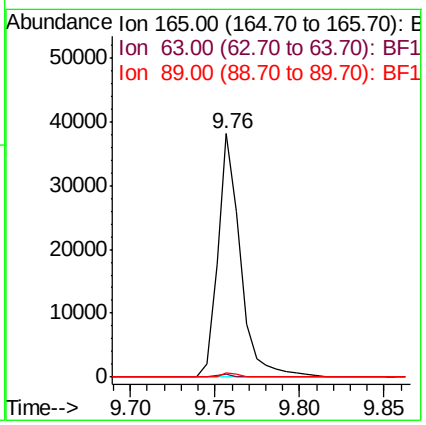


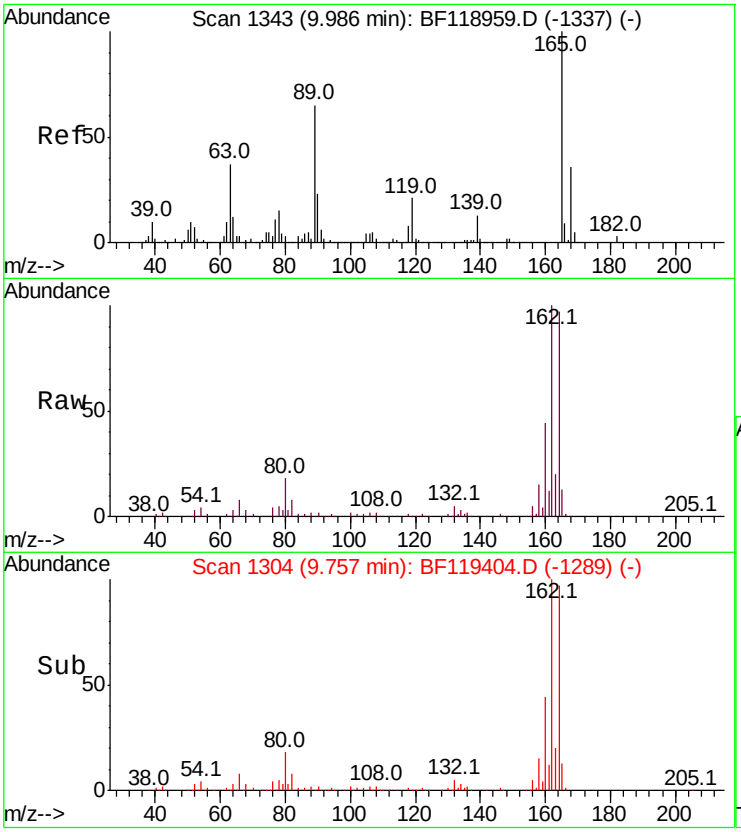


#51
2,6-Dinitrotoluene
Concen: 7.547 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Tgt Ion:165 Resp: 35495

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.6	38.3	57.5#



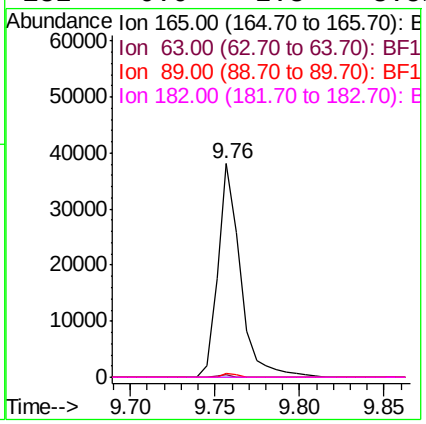


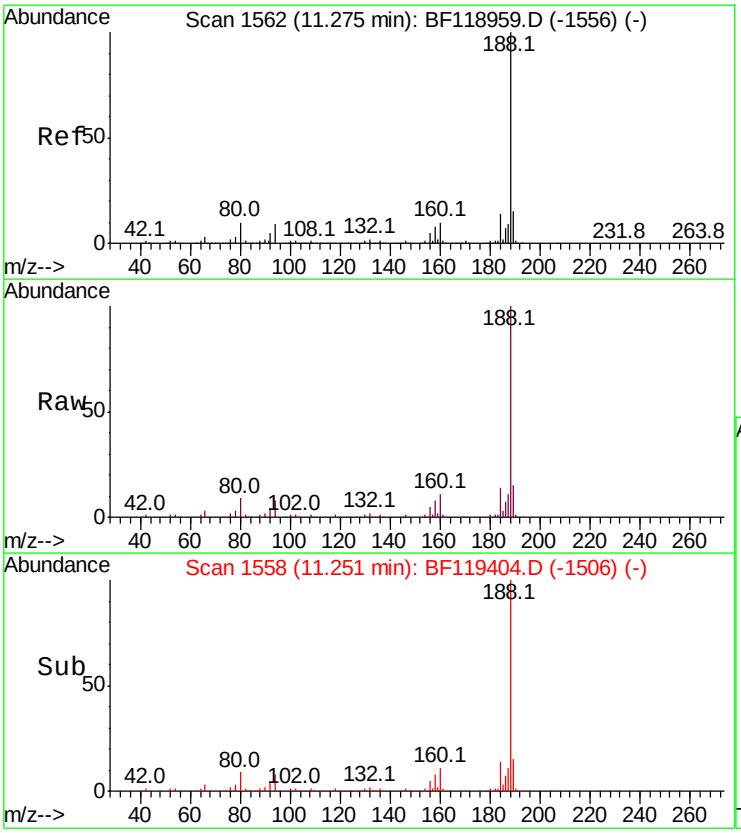
#57
2,4-Dinitrotoluene
Concen: 5.823 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35495

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.3	63.5#
89	1.6	60.2	90.4#
182	0.0	2.3	3.5#

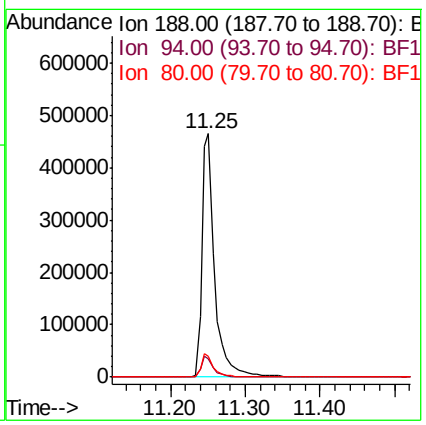


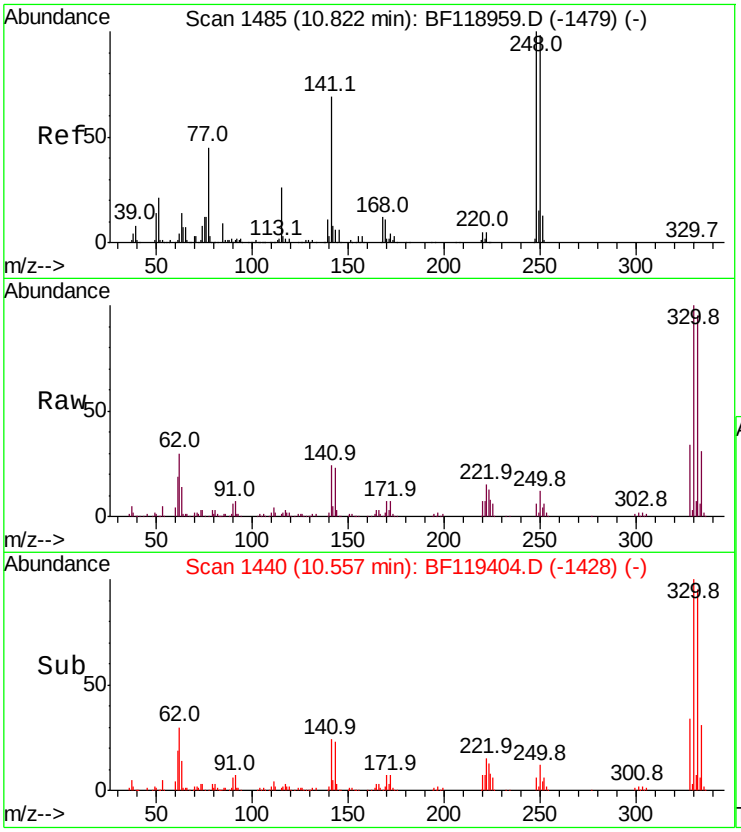


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Tgt Ion:188 Resp: 555810

Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.8	7.8	11.8



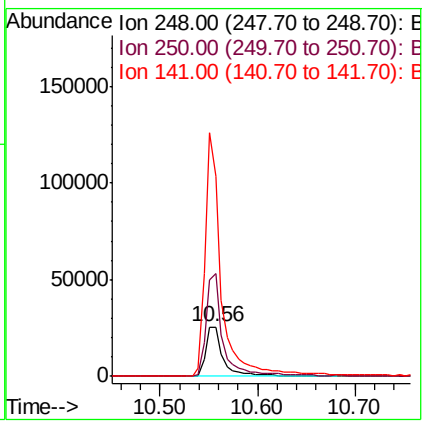


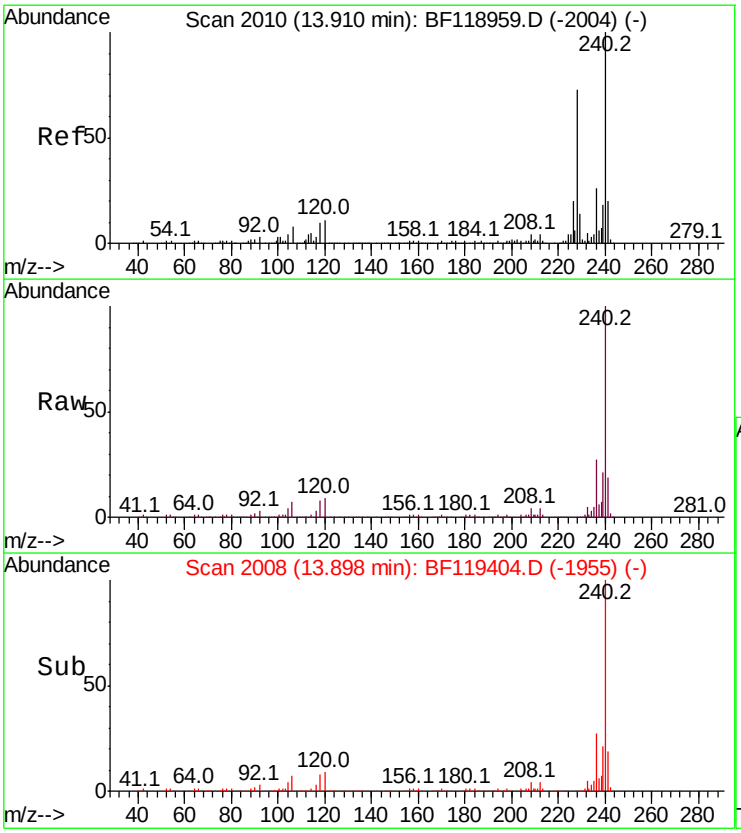
#67
4-Bromophenyl-phenylether
Concen: 4.428 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 32168

Ion	Ratio	Lower	Upper
248	100		
250	207.2	76.7	115.1#
141	403.8	60.7	91.1#

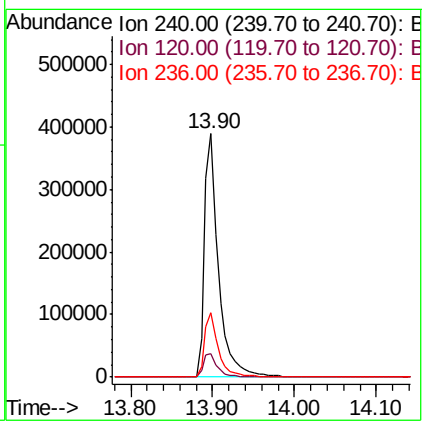


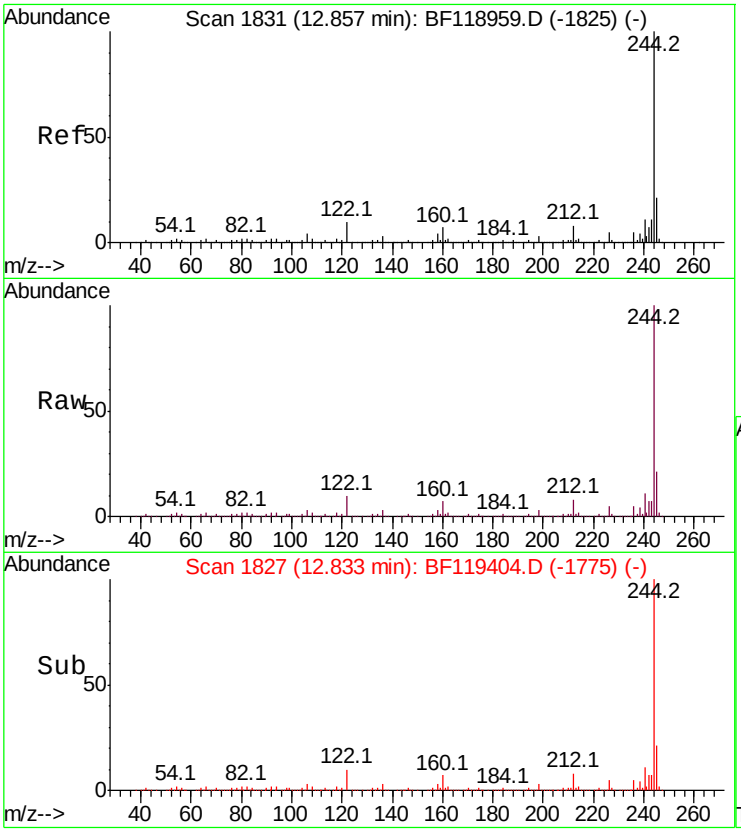


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Tgt Ion:240 Resp: 466475

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	26.6	21.0	31.4



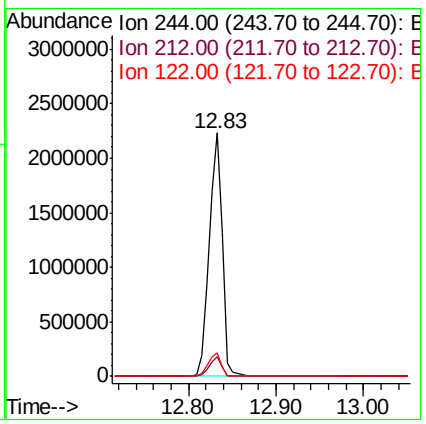


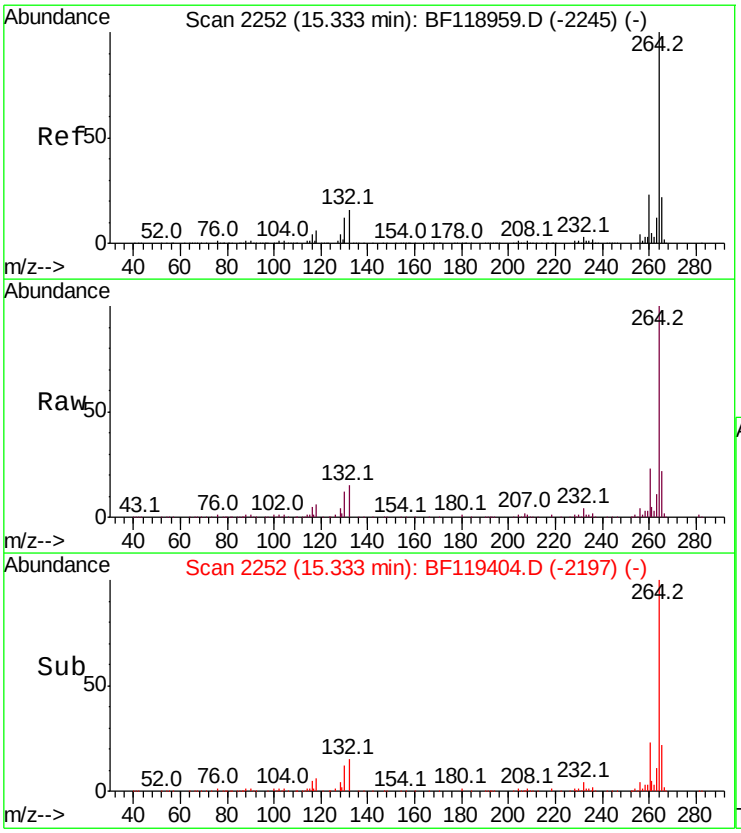
#79
Terphenyl-d14
Concen: 85.311 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2311438

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	9.7	8.2	12.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119404.D
Acq: 13 Mar 2020 2:49

Tgt Ion:264 Resp: 436662

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.5	17.7	26.5