Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 30 22:08:40 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 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	252848	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	959966	20.00	ng		-0.02
39) Acenaphthene-d10	9.87	164	553999	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	1064509	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	892176	20.00	ng		-0.02
87) Perylene-d12	15.46	264	882853	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	822178	60.39	ng		-0.03
7) Phenol-d6	6.46	99	626065	35.38	ng		-0.04
23) Nitrobenzene-d5	7.40	82	1433757	83.54	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	890332	138.95	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	2862219	84.92	ng		-0.02
79) Terphenyl-d14	12.95	244	3858046	94.32	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.47	94	89380	4.432	ng		98
18) Hexachloroethane	7.25	117	15450	2.373	ng	#	1
19) n-Nitroso-di-n-propylamine	7.40	70	194546	16.283	ng	#	77
25) Isophorone	7.40	82	1430823	45.708	ng	#	63
50) Dimethylphthalate	9.59	163	279044	7.731	ng		99
57) 2,4-Dinitrotoluene	9.87	165	71458	7.013	ng	#	30
67) 4-Bromophenyl-phenylether	10.67	248	58610	4.456	ng	#	1
77) Benzidine	12.95	184	52357	2.196	ng	#	93

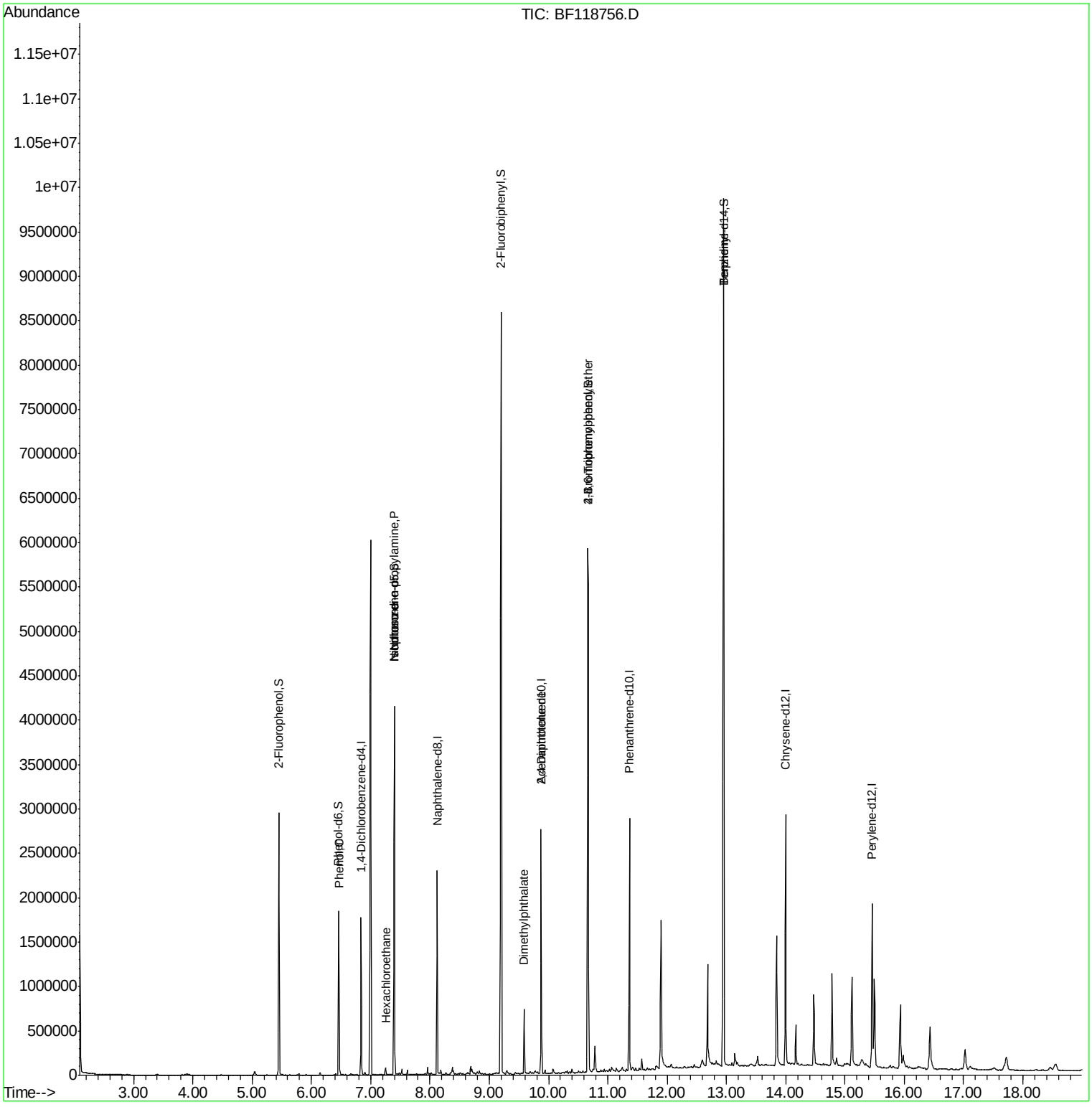
(#) = qualifier out of range (m) = manual integration (+) = signals summed

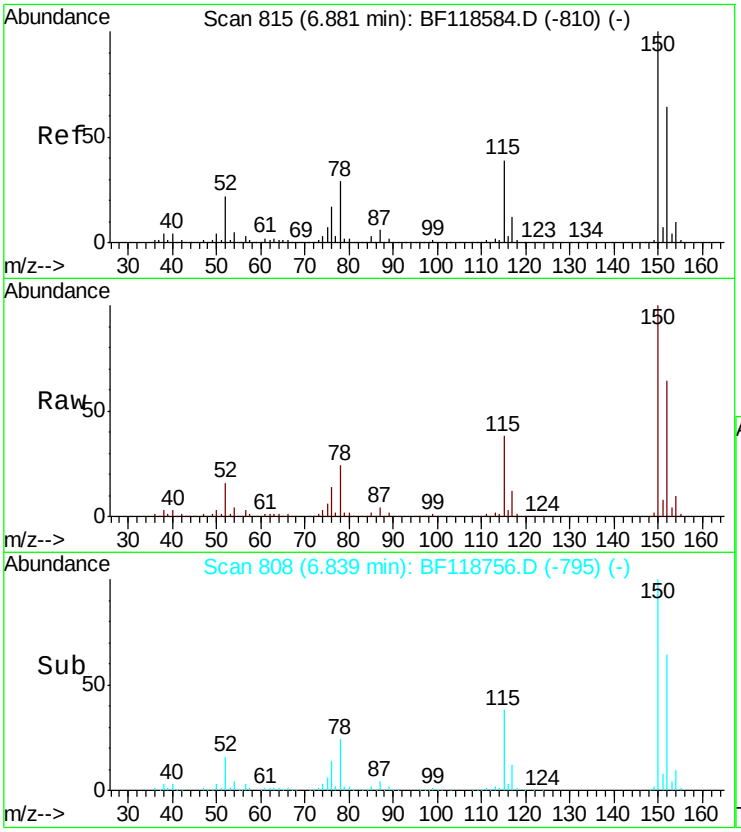
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 30 22:08:40 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 27 14:24:10 2020
Response via : Initial Calibration



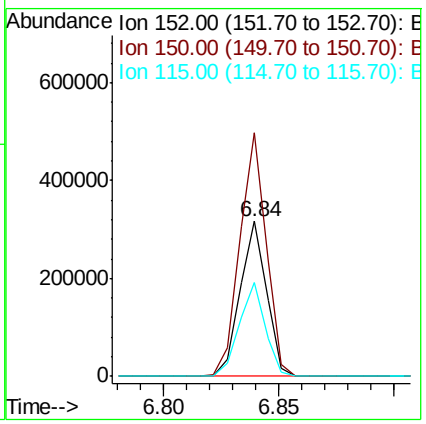


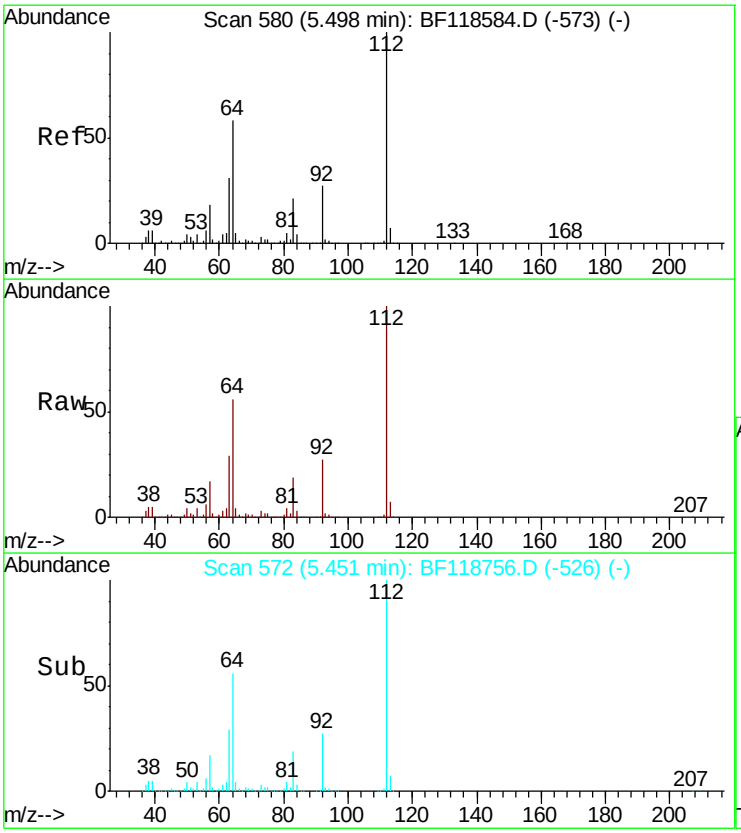
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 252848

Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.7	185.5
115	60.5	45.1	67.7

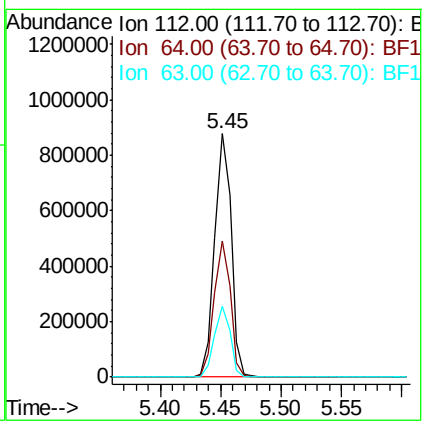


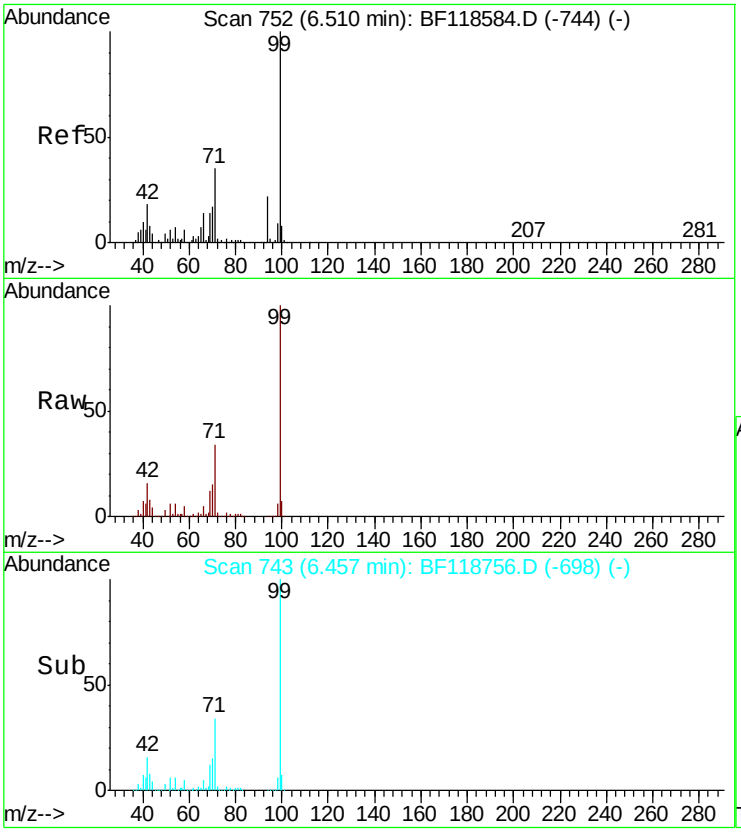


#5
2-Fluorophenol
Concen: 60.392 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion:112 Resp: 822178

Ion	Ratio	Lower	Upper
112	100		
64	56.1	42.4	63.6
63	29.3	21.7	32.5



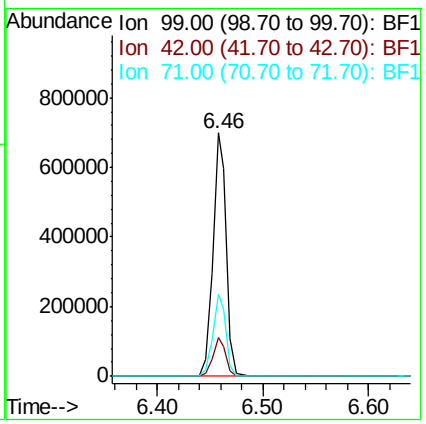


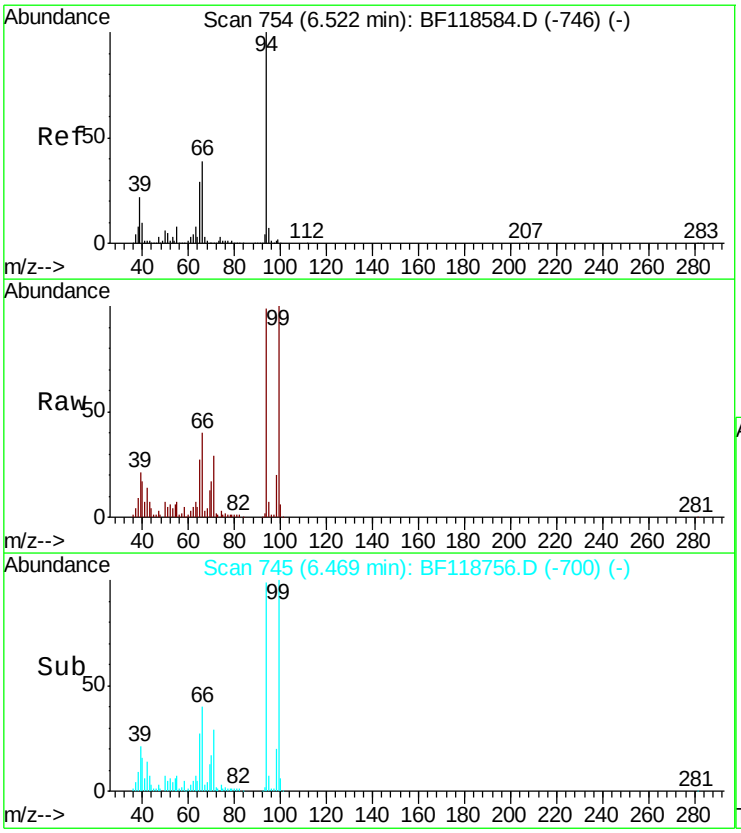
#7
Phenol-d6
Concen: 35.381 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.04 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 626065

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.1	19.7
71	33.9	28.4	42.6

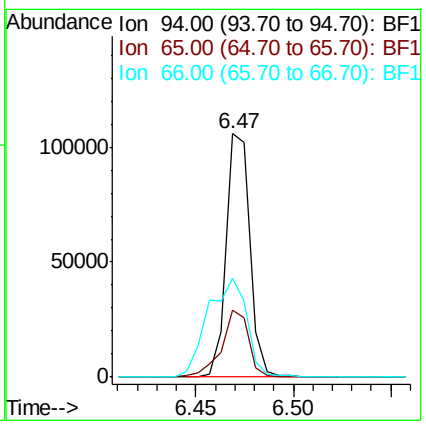


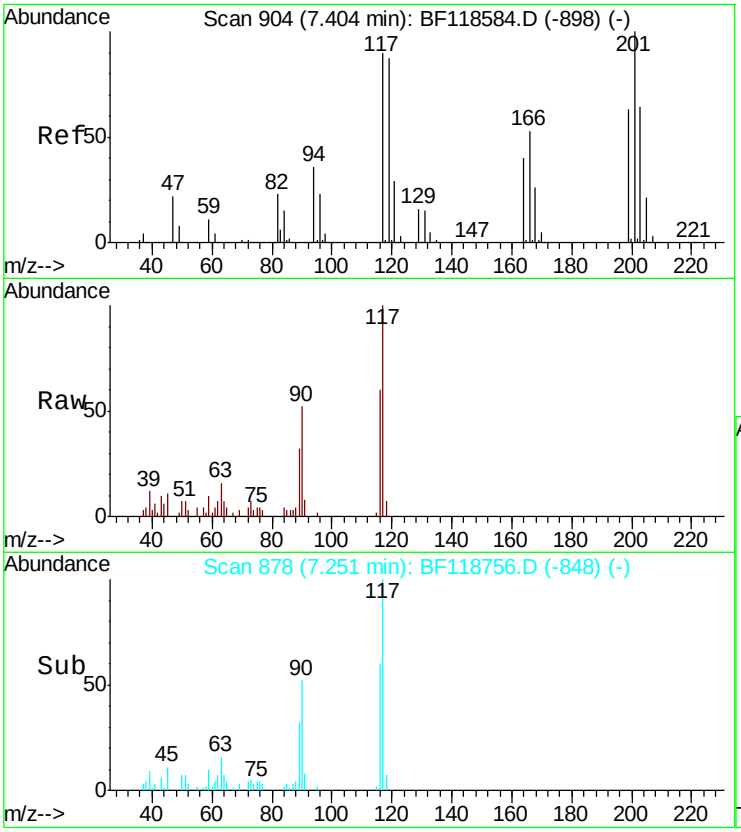


#10
Phenol
Concen: 4.432 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.04 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion: 94 Resp: 89380

Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.9	47.9
66	40.8	19.1	59.1



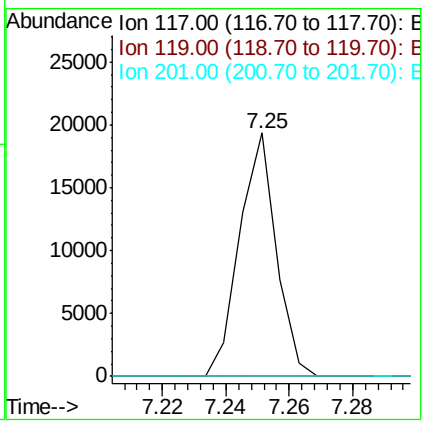


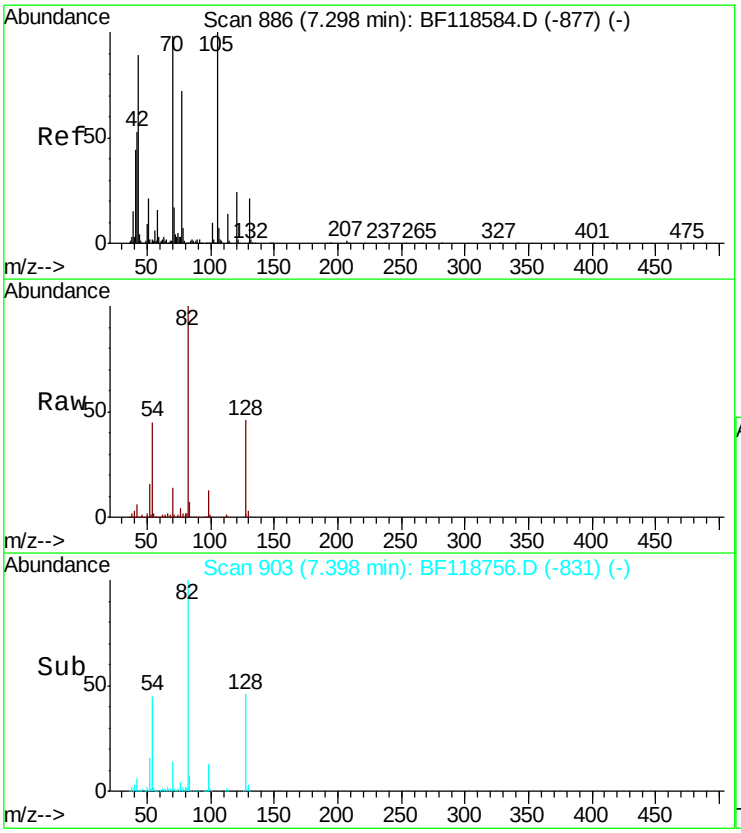
#18
Hexachloroethane
Concen: 2.373 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.12 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 15450

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.2	114.2#
201	0.0	83.3	124.9#

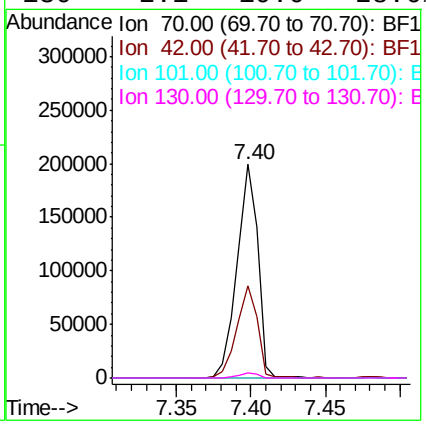


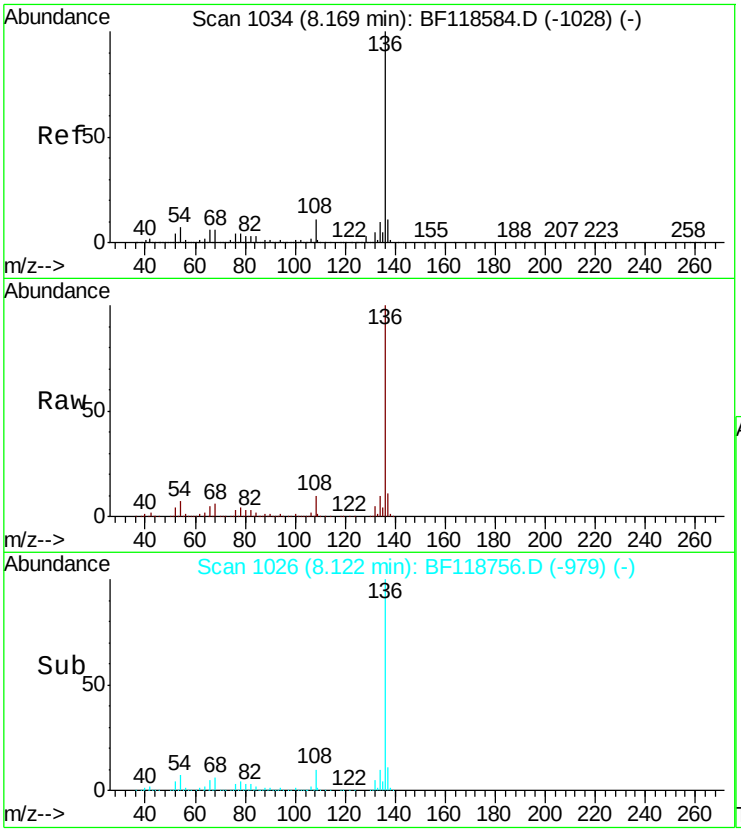


#19
n-Nitroso-di-n-propylamine
Concen: 16.283 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.12 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion: 70 Resp: 194546

Ion	Ratio	Lower	Upper
70	100		
42	43.1	41.6	62.4
101	0.0	7.9	11.9#
130	2.1	19.0	28.6#



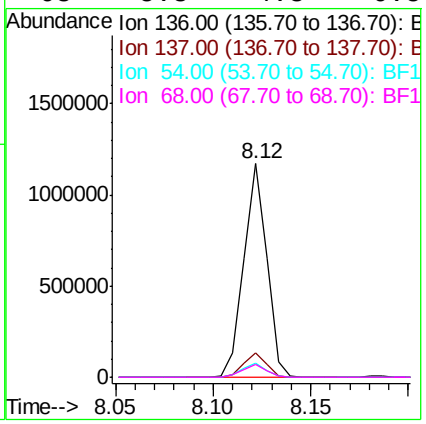


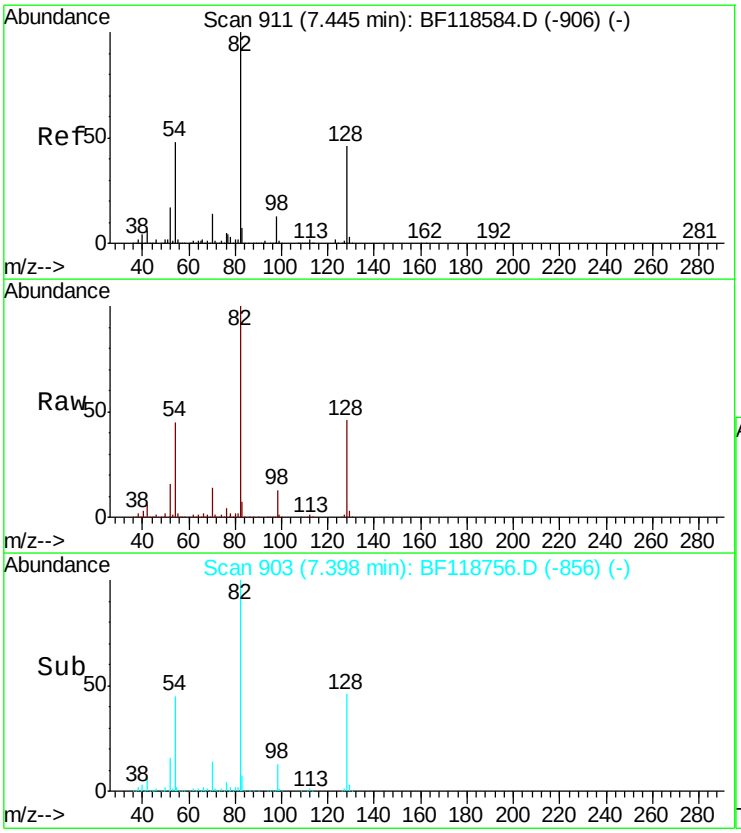
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 959966

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.5	5.1	7.7
68	5.8	4.3	6.5

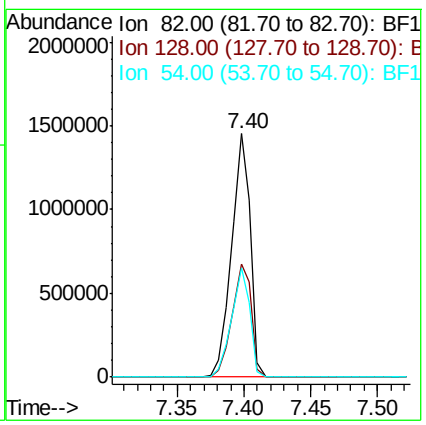


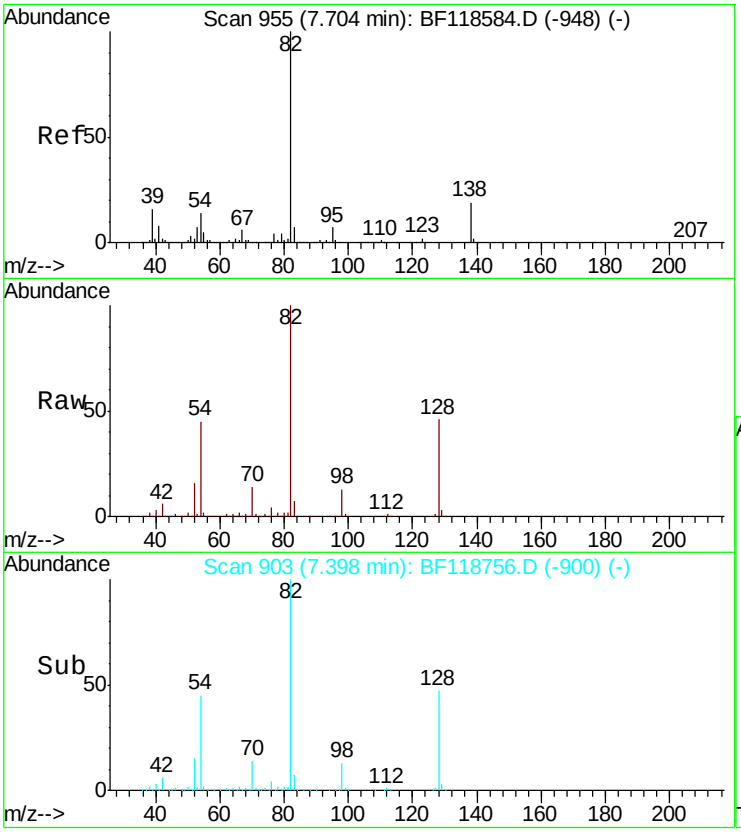


#23
Nitrobenzene-d5
Concen: 83.540 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion: 82 Resp: 1433757

Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.2	57.2
54	44.8	36.1	54.1



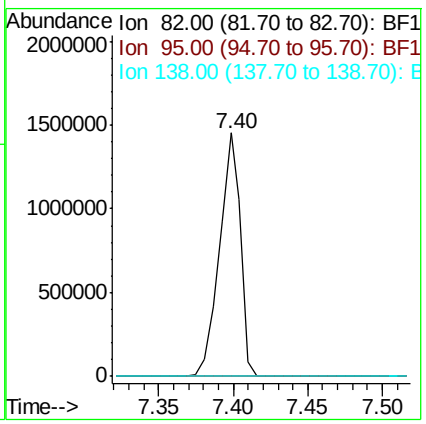


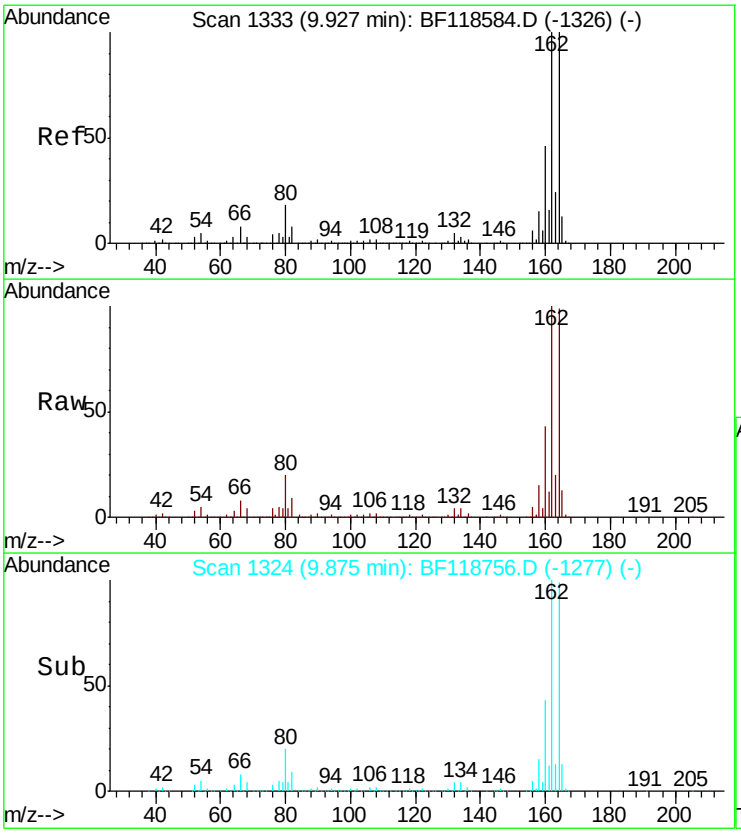
#25
Isophorone
Concen: 45.708 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1430823

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	15.8	23.8#

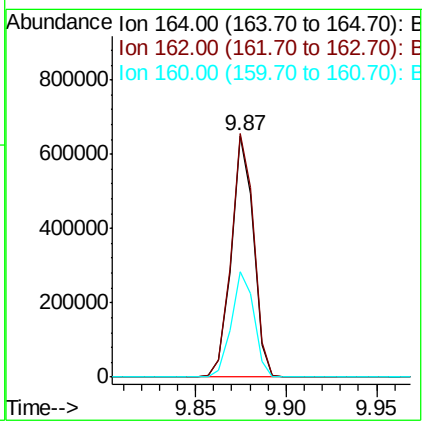


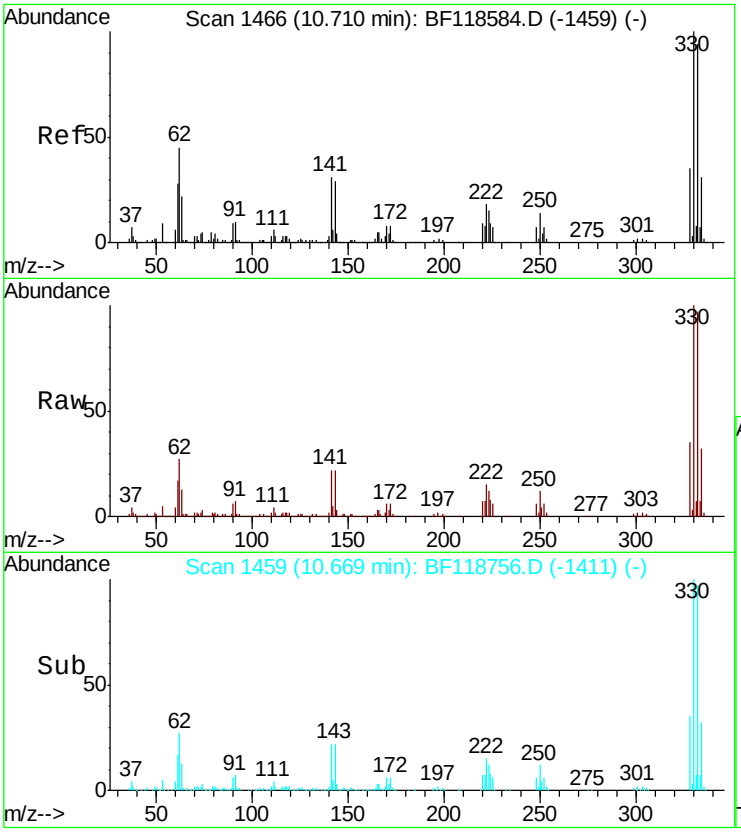


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion:164 Resp: 553999

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.8	121.2
160	43.7	35.4	53.0



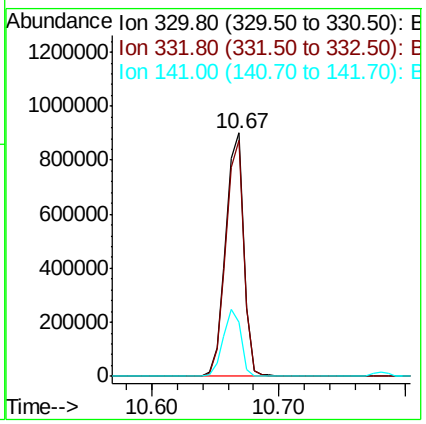


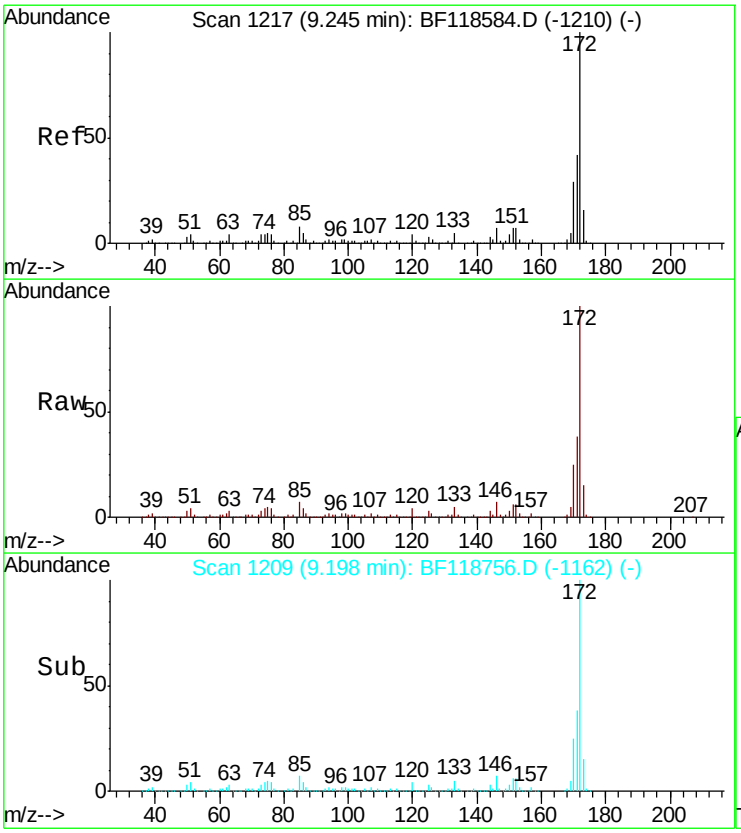
#42
2,4,6-Tribromophenol
Concen: 138.947 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 890332

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	27.5	22.2	33.2

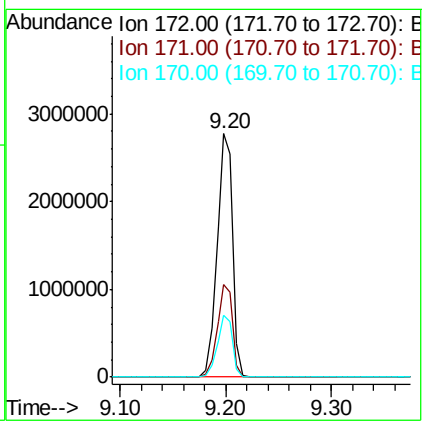


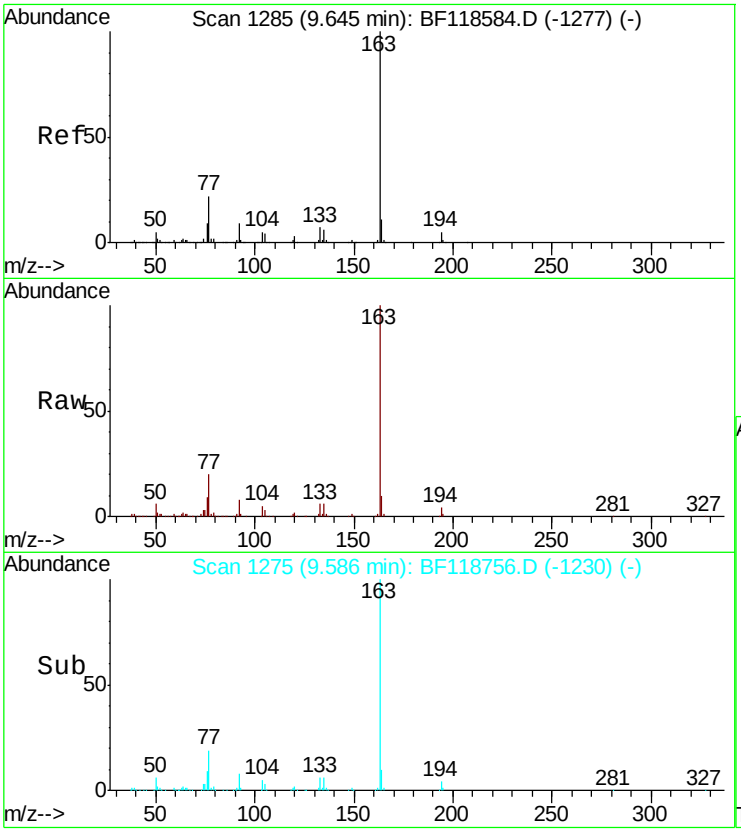


#45
2-Fluorobiphenyl
Concen: 84.917 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion:172 Resp: 2862219

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.5	20.7	31.1



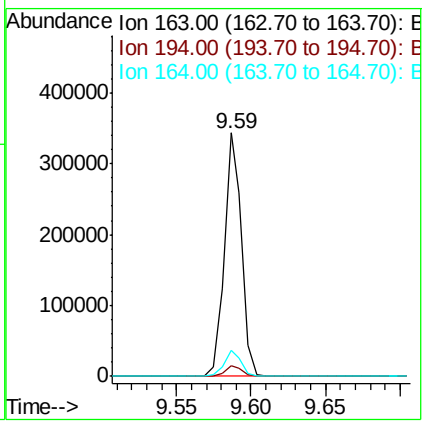


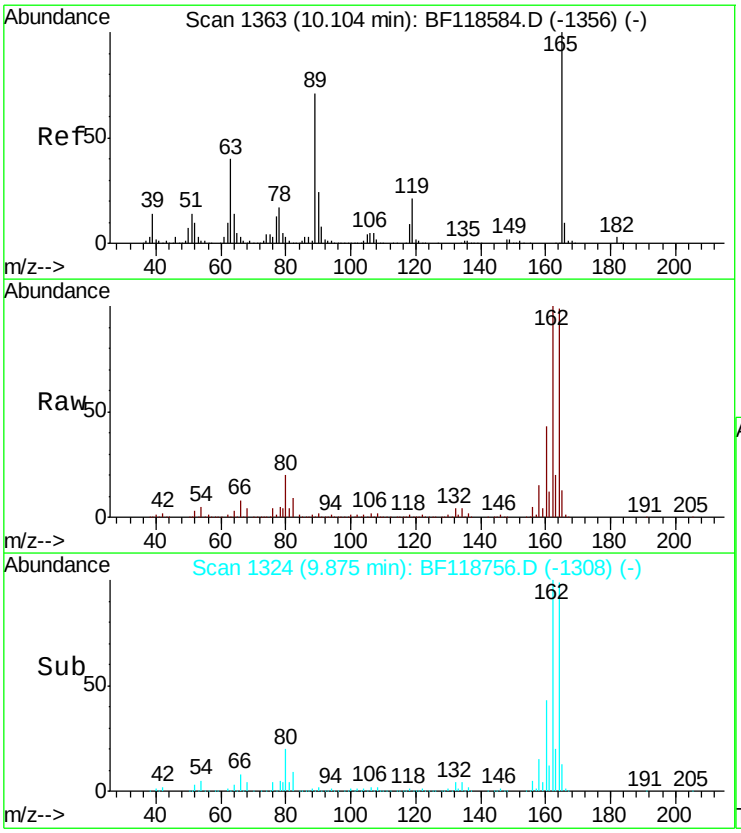
#50
Dimethylphthalate
Concen: 7.731 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.04 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 279044

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.4	8.2	12.2

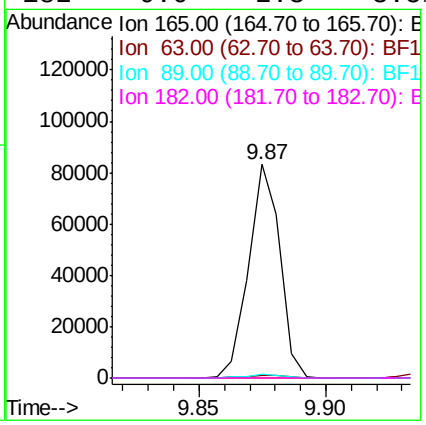


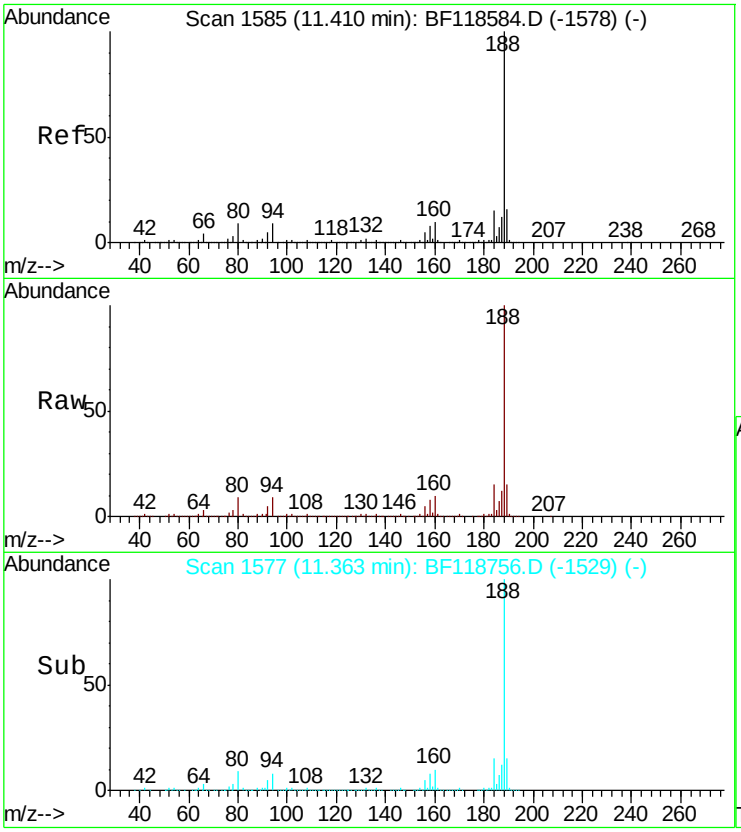


#57
2,4-Dinitrotoluene
Concen: 7.013 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion:165 Resp: 71458

Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.5	42.7#
89	1.6	50.4	75.6#
182	0.0	2.3	3.5#



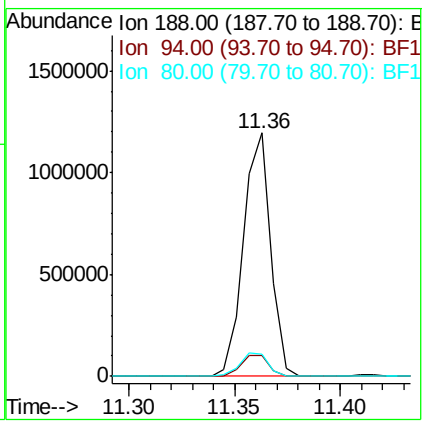


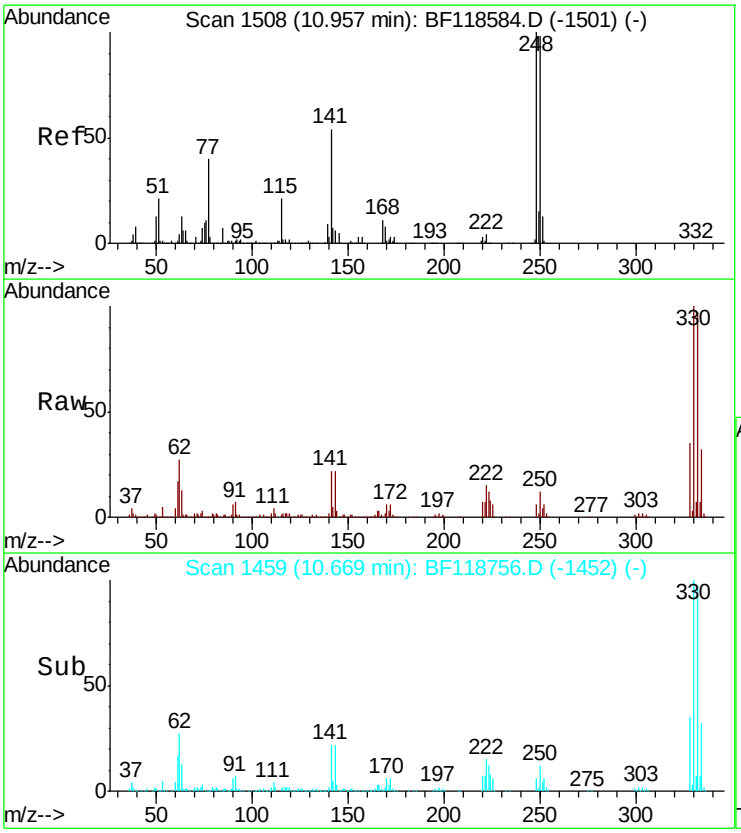
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1064509

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.2	7.8	11.8

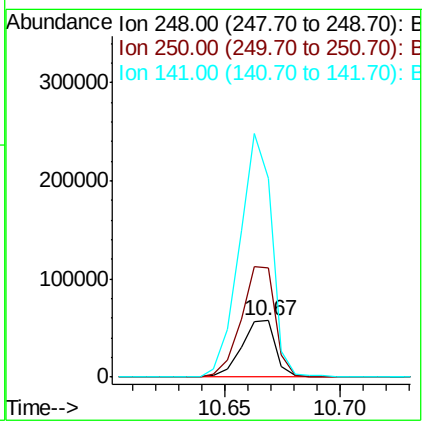


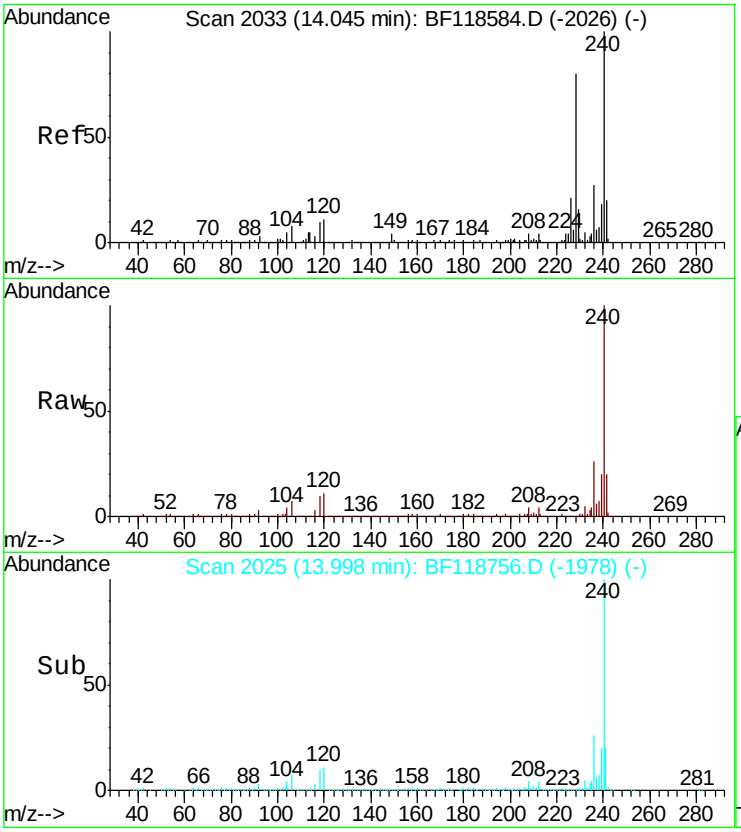


#67
4-Bromophenyl-phenylether
Concen: 4.456 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.26 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion:248 Resp: 58610

Ion	Ratio	Lower	Upper
248	100		
250	193.5	78.7	118.1#
141	352.4	48.4	72.6#



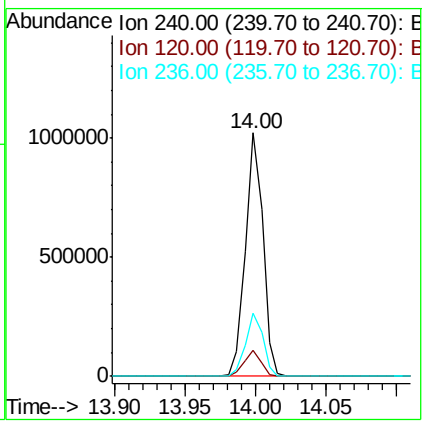


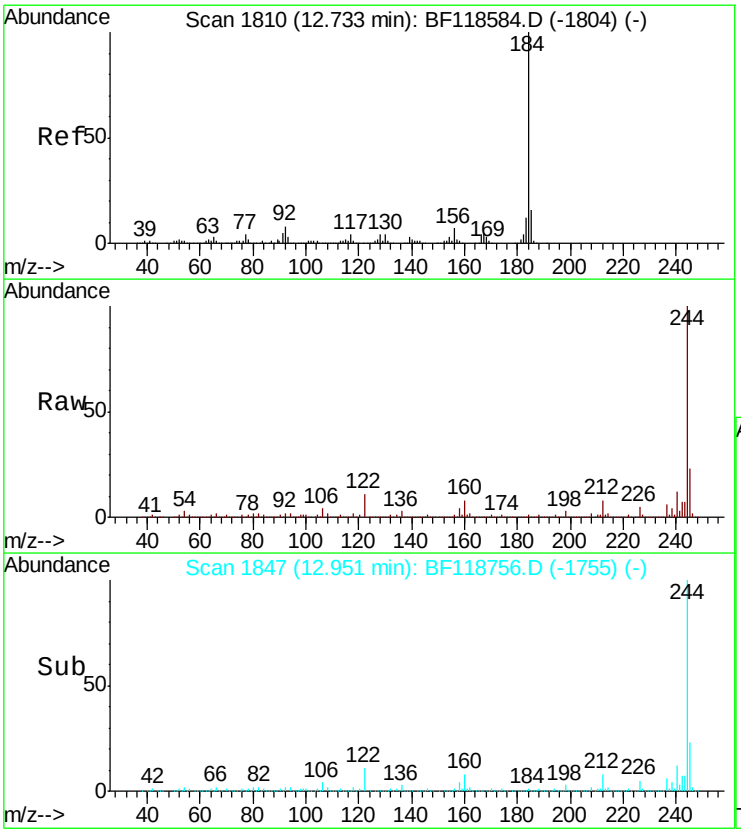
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 892176

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.6	11.4
236	26.1	21.0	31.4

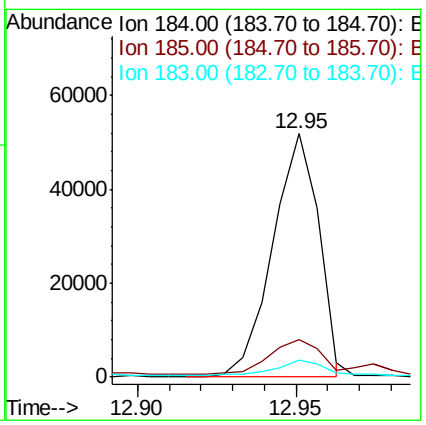


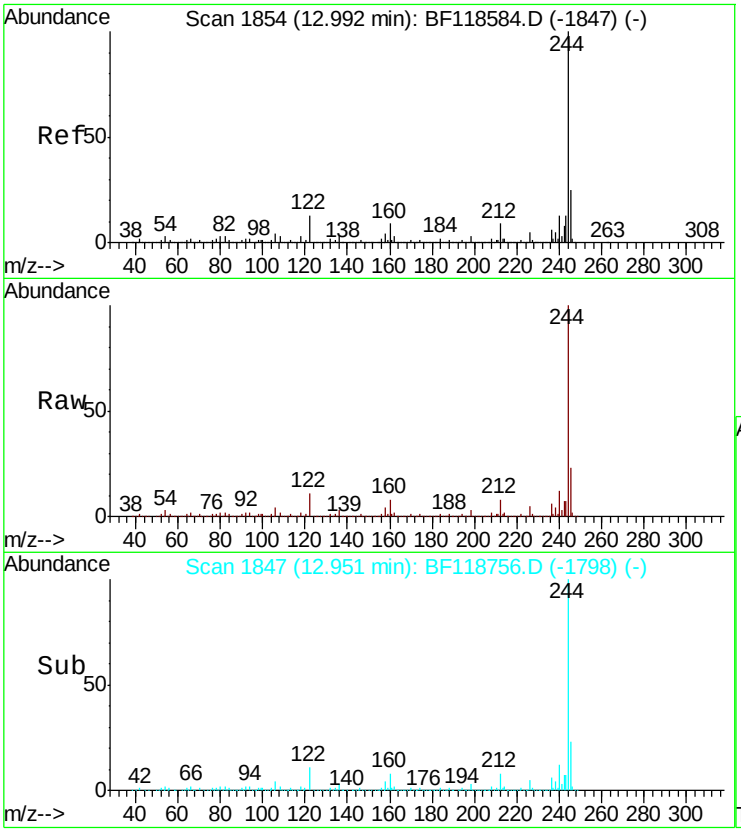


#77
Benzidine
Concen: 2.196 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.24 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion:184 Resp: 52357

Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.8	17.8
183	7.2	9.7	14.5#



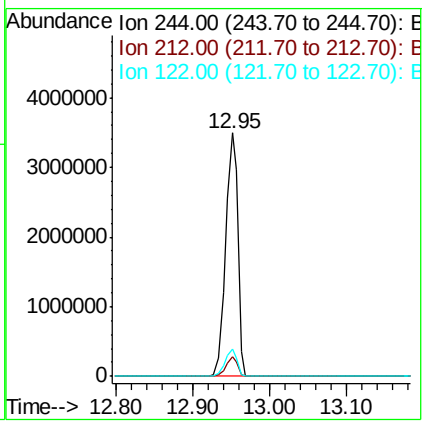


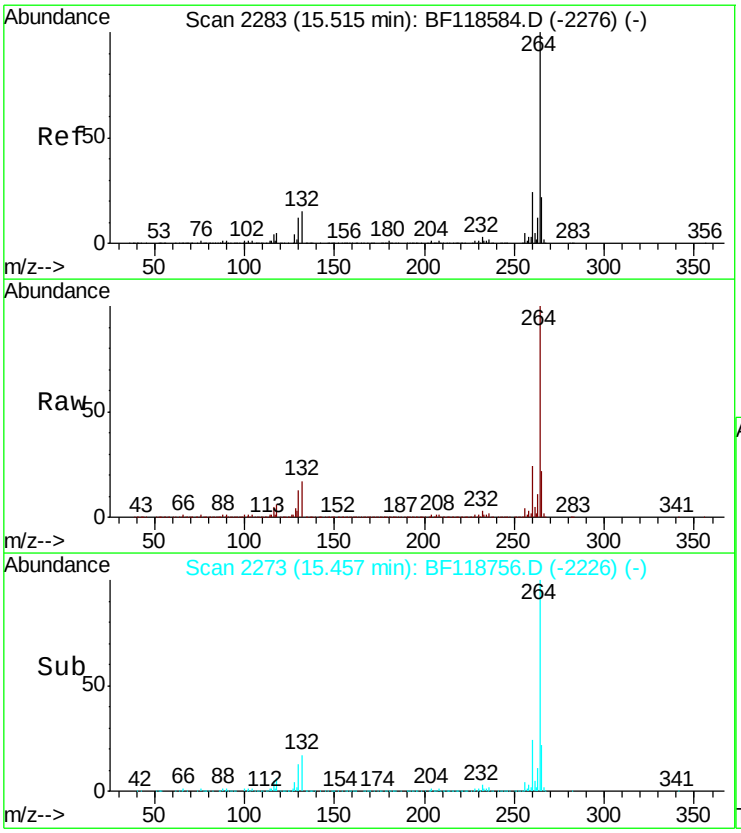
#79
Terphenyl-d14
Concen: 94.317 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3858046

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	11.1	9.2	13.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion:264 Resp: 882853

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.1	17.0	25.6