Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118755.D
Acq On : 30 Jan 2020 17:03
Operator : CG/JU
Sample : L1285-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725

Quant Time: Jan 30 22:29:50 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	260441	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	990959	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	565190	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1094097	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	896301	20.00	ng	-0.02
87) Perylene-d12	15.46	264	880142	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	826117	58.91	ng	-0.03
7) Phenol-d6	6.46	99	624251	34.25	ng	-0.04
23) Nitrobenzene-d5	7.40	82	1434952	80.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	887895	135.82	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2847909	82.82	ng	-0.02
79) Terphenyl-d14	12.95	244	3625905	88.23	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.47	94	64745	3.117	ng	98
50) Dimethylphthalate	9.59	163	238002	6.463	ng	100
52) Acenaphthene	9.91	154	74485	2.412	ng	99

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

Quantitation Report (LSC Reviewed)

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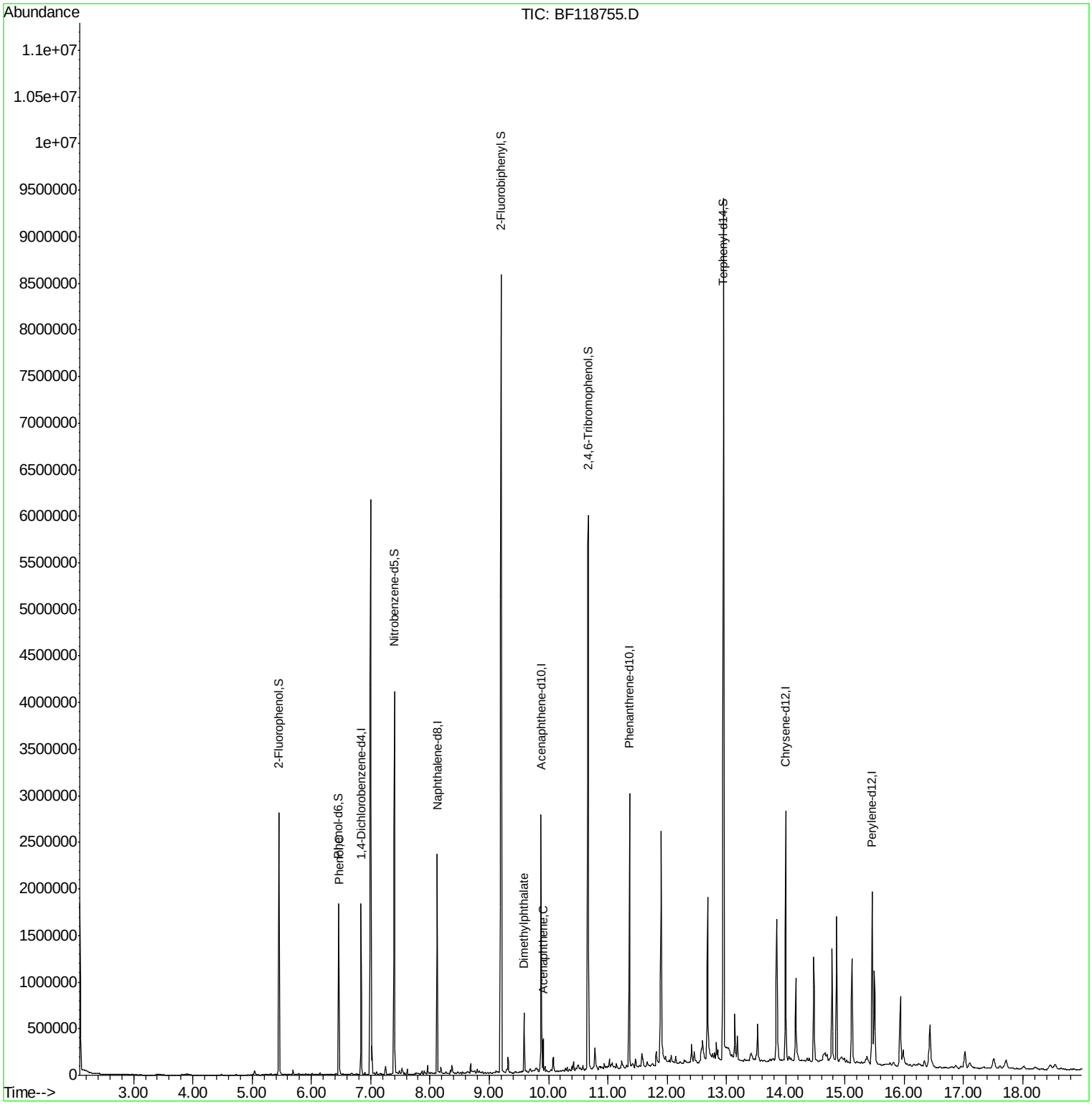
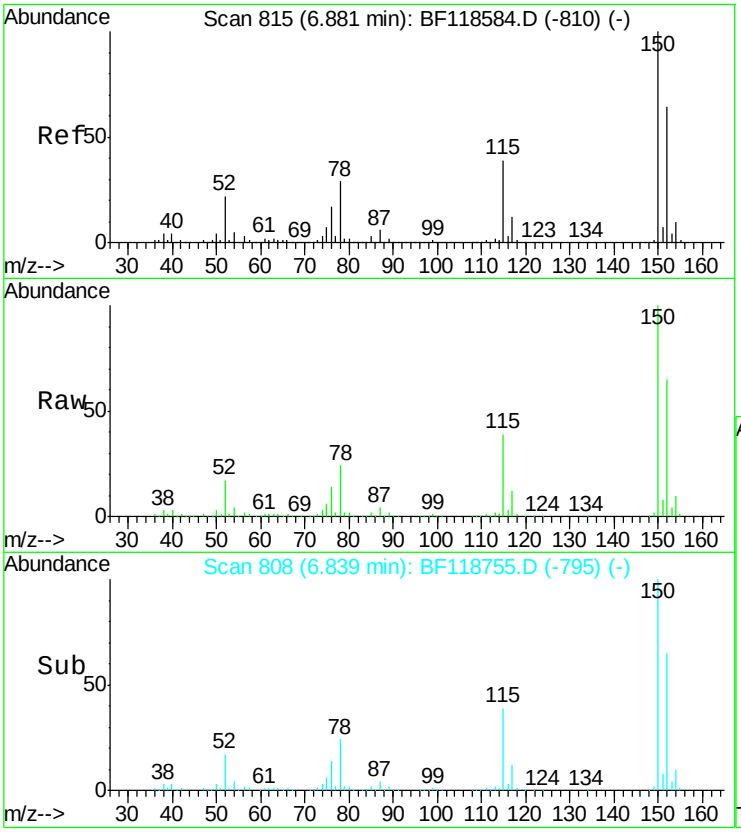


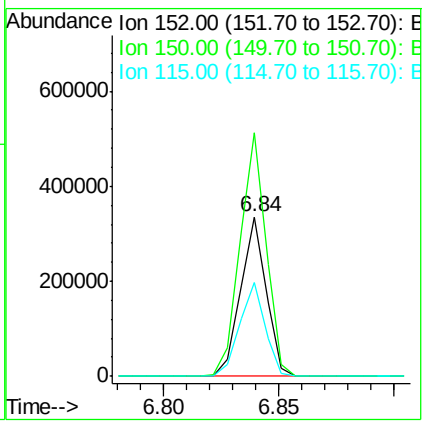


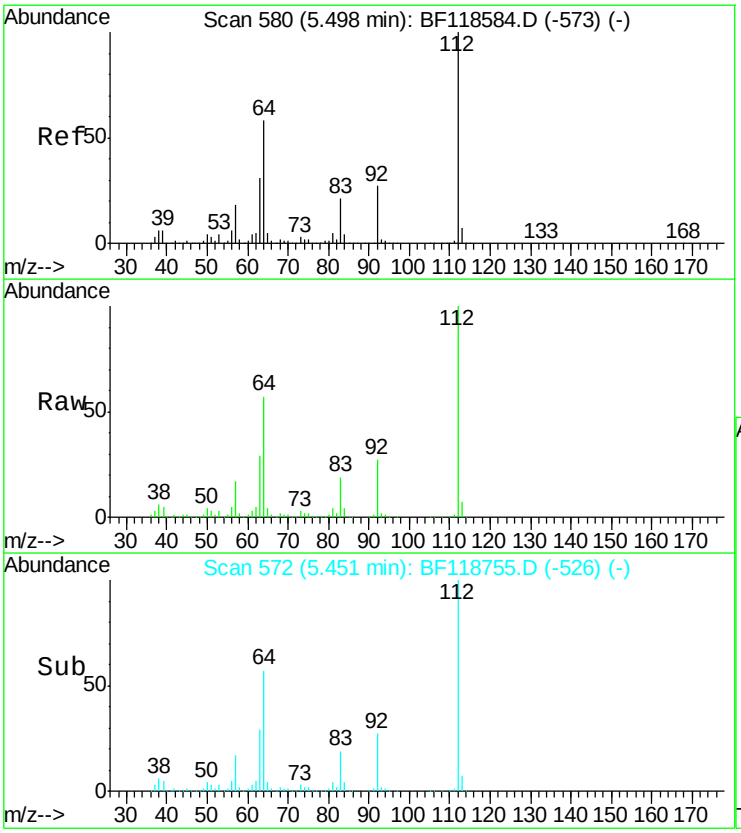
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Instrument :
BNA_F
ClientSampleId :
MH-725

Tgt Ion:152 Resp: 260441

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.7	185.5
115	58.9	45.1	67.7

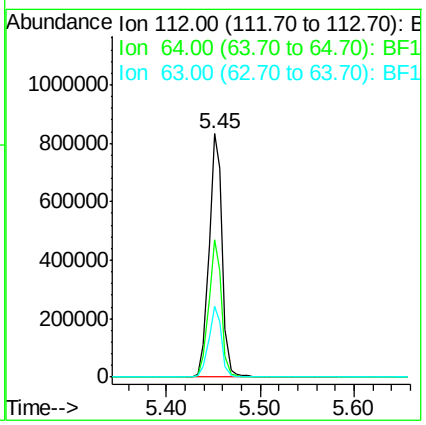


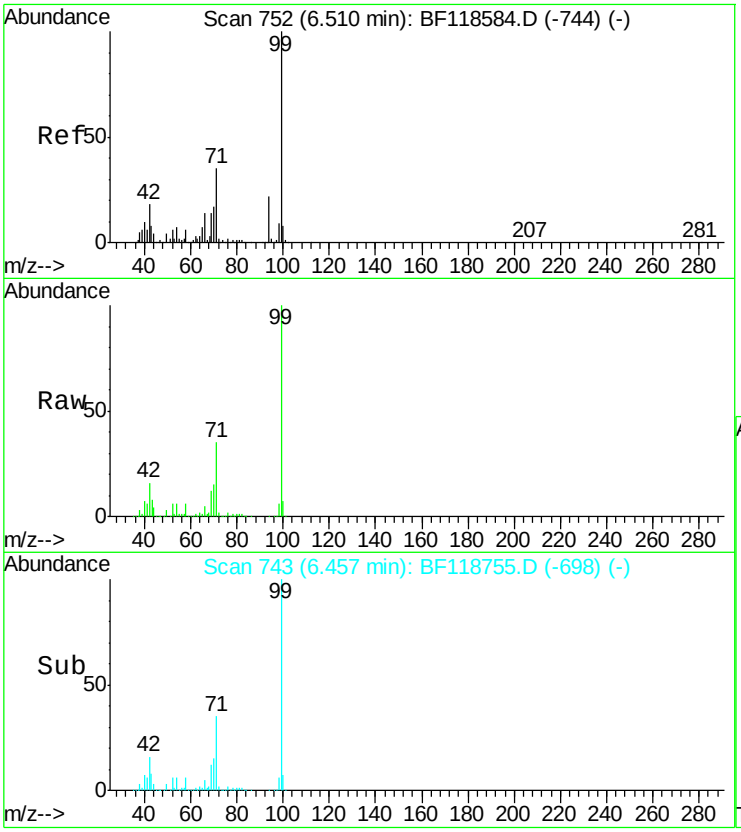


#5
2-Fluorophenol
Concen: 58.912 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Tgt Ion:112 Resp: 826117

Ion	Ratio	Lower	Upper
112	100		
64	56.7	42.4	63.6
63	29.1	21.7	32.5



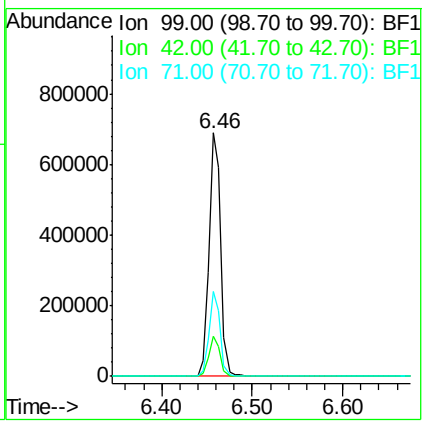


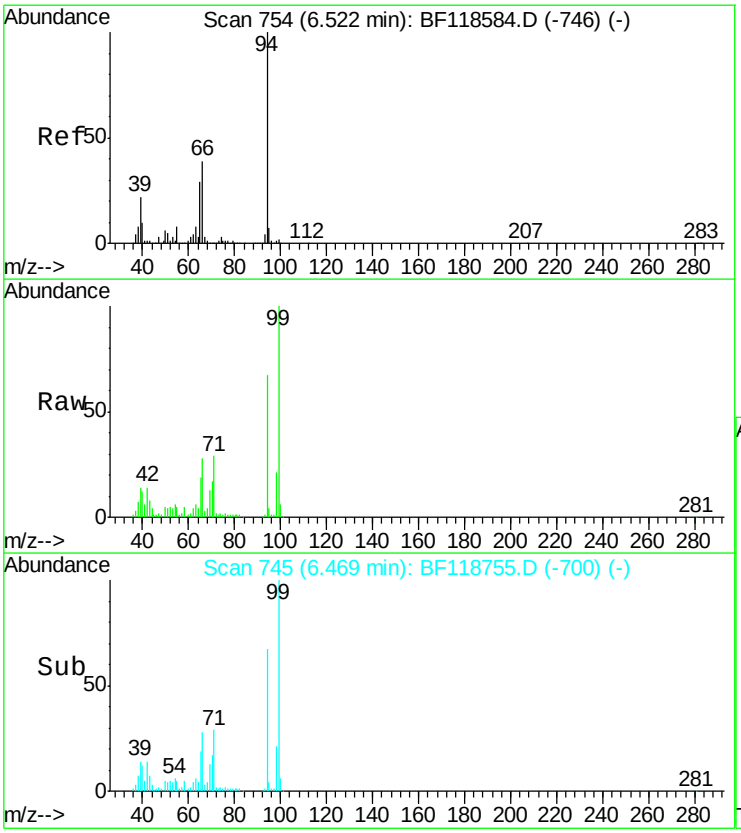
#7
Phenol-d6
Concen: 34.250 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.04 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Instrument :
BNA_F
ClientSampleId :
MH-725

Tgt Ion: 99 Resp: 624251

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.1	19.7
71	34.7	28.4	42.6

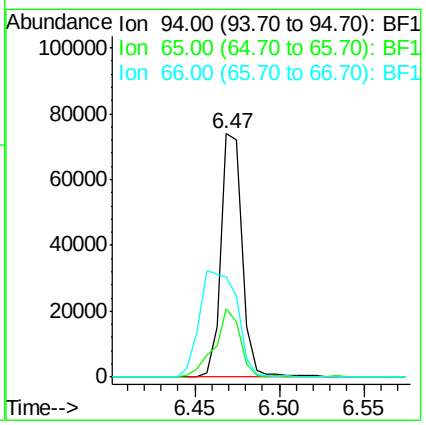


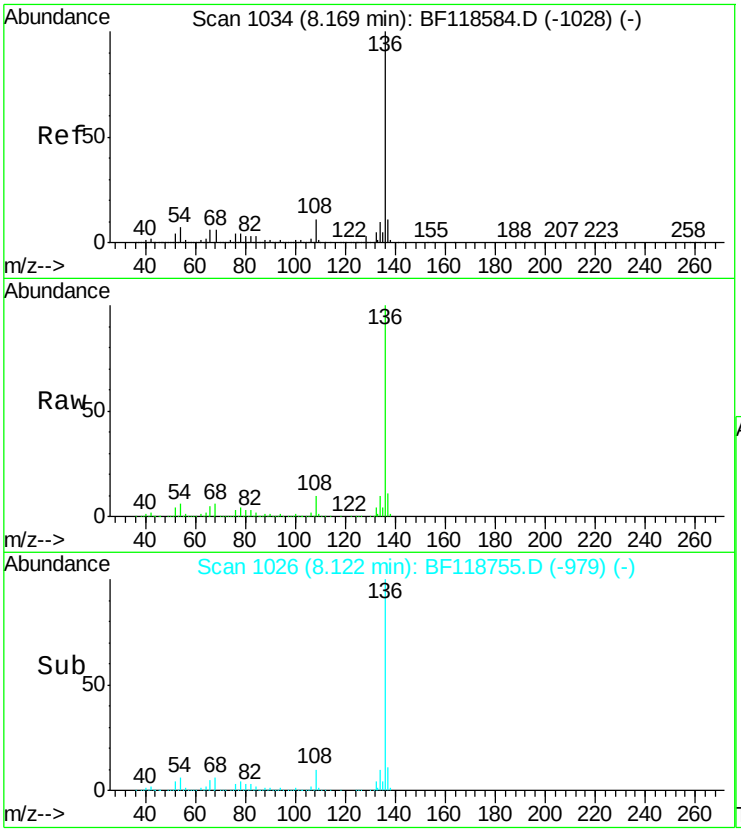


#10
Phenol
Concen: 3.117 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.04 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Tgt Ion: 94 Resp: 64745

Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.9	47.9
66	41.4	19.1	59.1



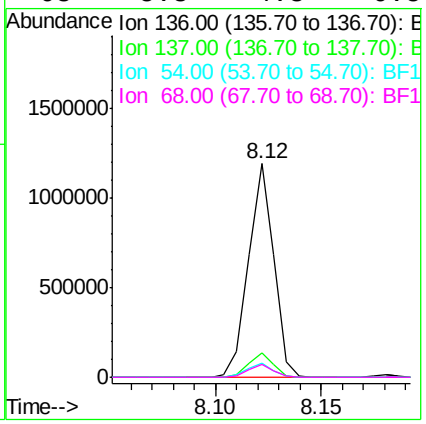


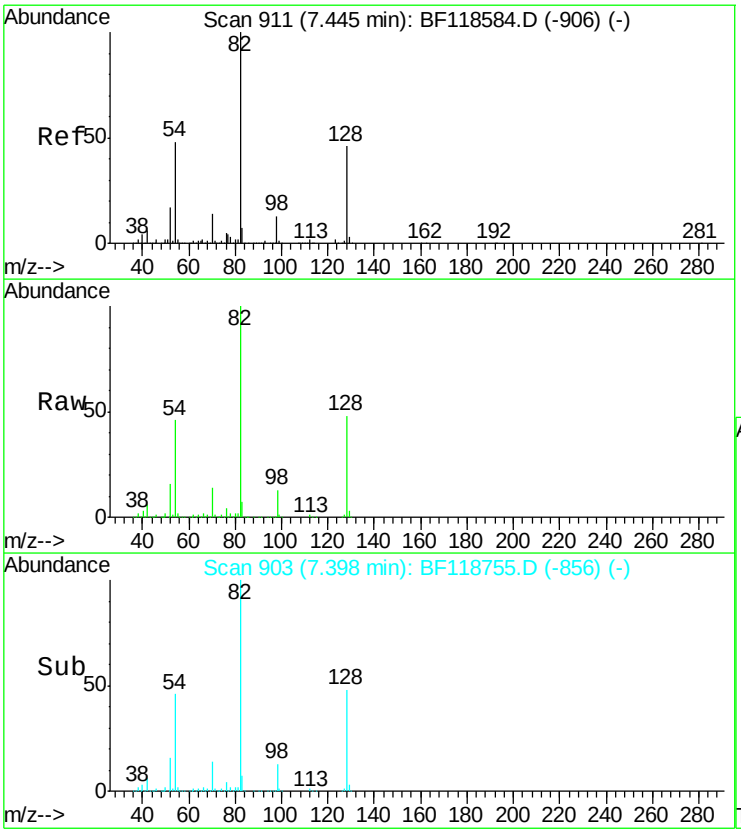
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Instrument : BNA_F
ClientSampleId : MH-725

Tgt Ion:136 Resp: 990959

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.5	5.1	7.7
68	5.8	4.3	6.5

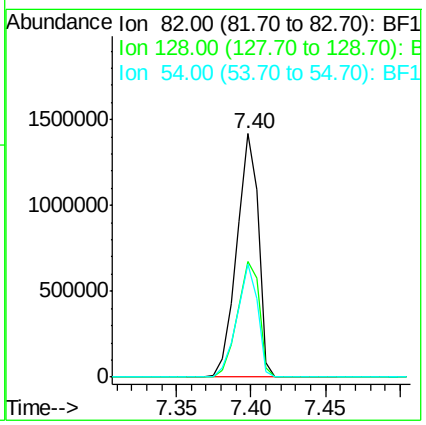


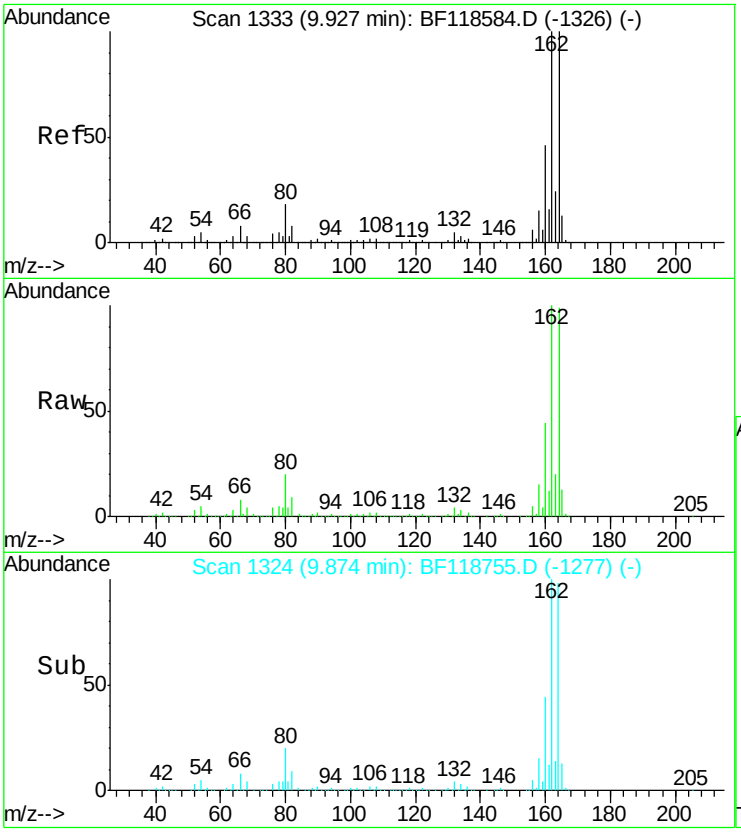


#23
Nitrobenzene-d5
Concen: 80.995 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Tgt Ion: 82 Resp: 1434952

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.2	57.2
54	46.2	36.1	54.1



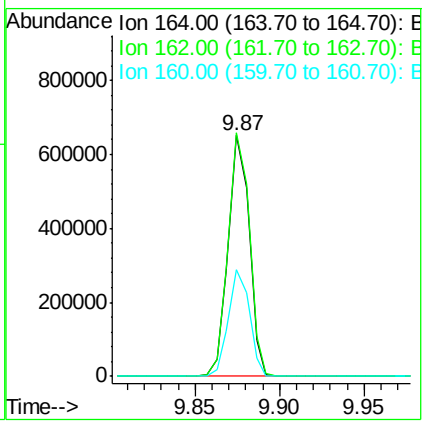


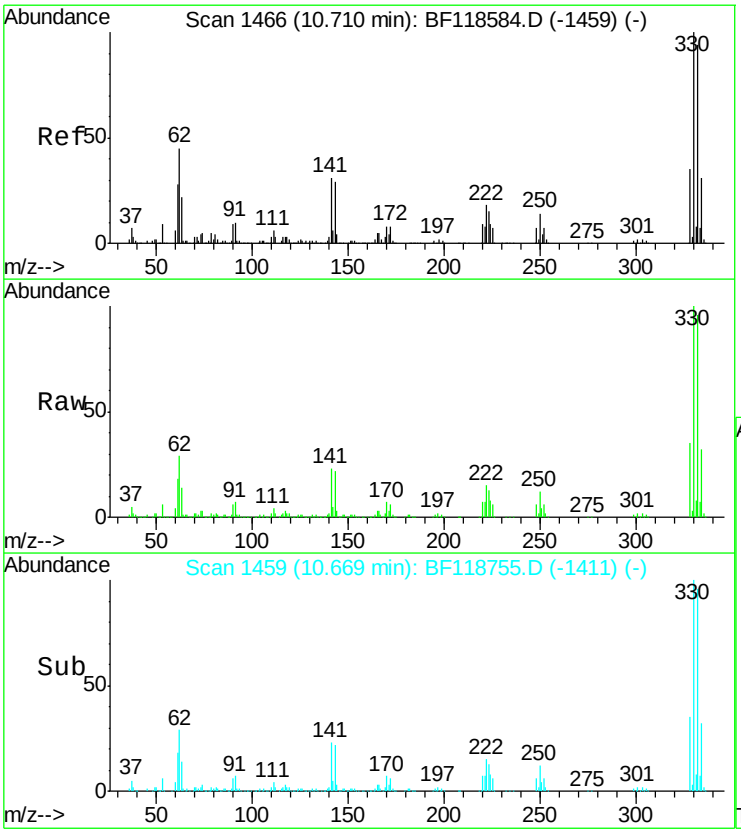
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Instrument :
BNA_F
ClientSampleId :
MH-725

Tgt Ion:164 Resp: 565190

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.8	121.2
160	44.2	35.4	53.0

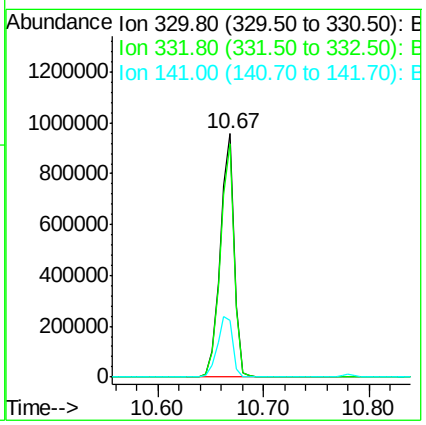


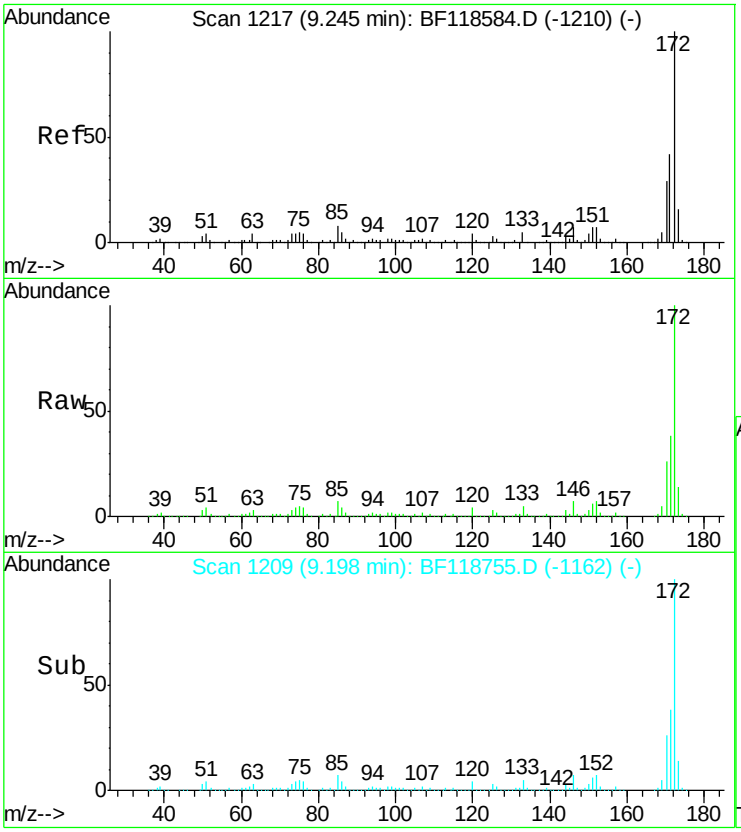


#42
2,4,6-Tribromophenol
Concen: 135.823 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Tgt Ion:330 Resp: 887895

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	27.7	22.2	33.2



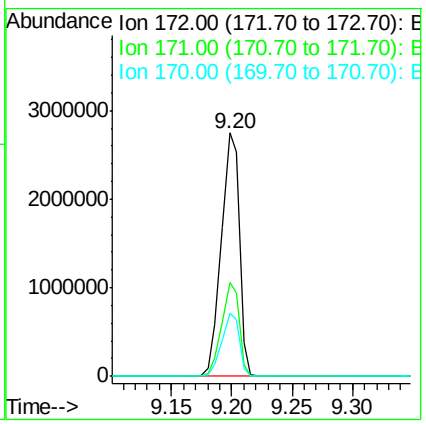


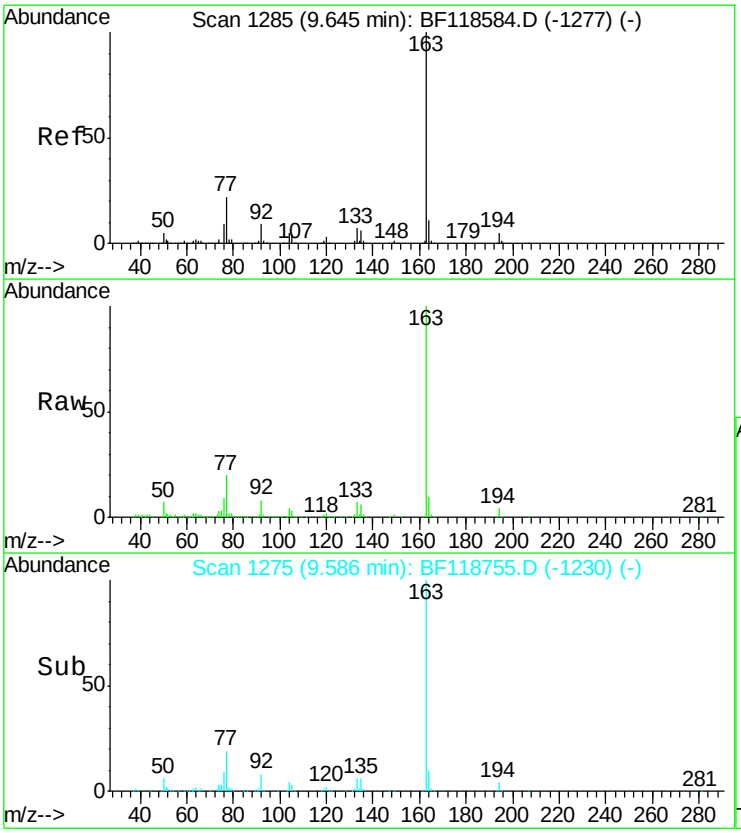
#45
2-Fluorobiphenyl
Concen: 82.819 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Instrument : BNA_F
ClientSampleId : MH-725

Tgt Ion:172 Resp: 2847909

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.7	20.7	31.1

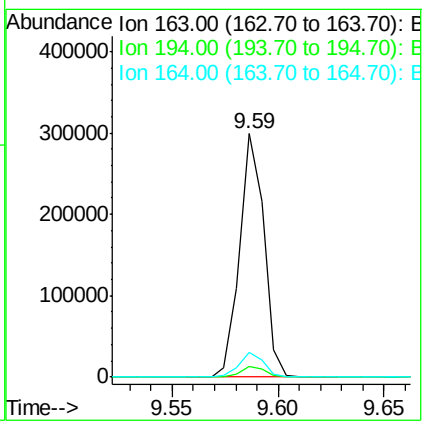


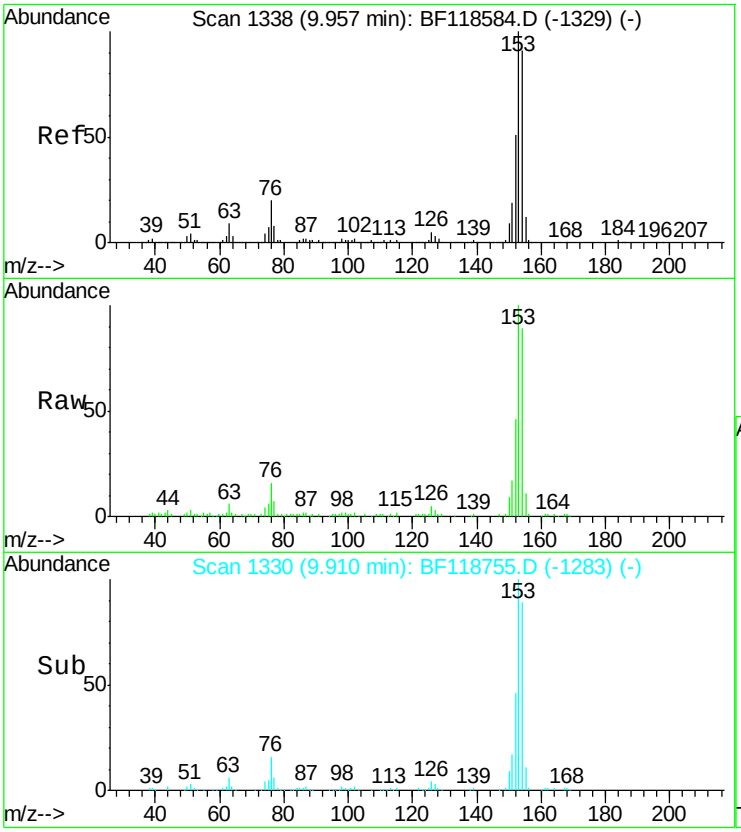


#50
Dimethylphthalate
Concen: 6.463 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.04 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Tgt Ion:163 Resp: 238002

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.2	8.2	12.2



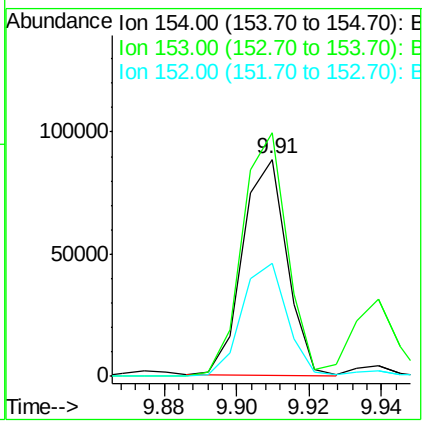


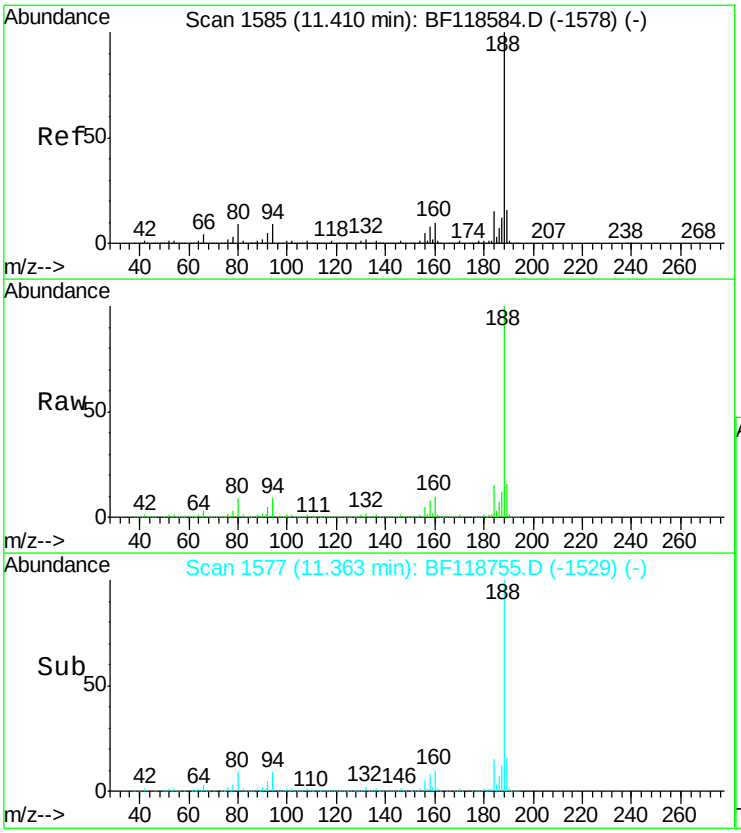
#52
Acenaphthene
Concen: 2.412 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Instrument :
BNA_F
ClientSampleId :
MH-725

Tgt Ion:154 Resp: 74485

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.1	133.7
152	52.0	43.0	64.6

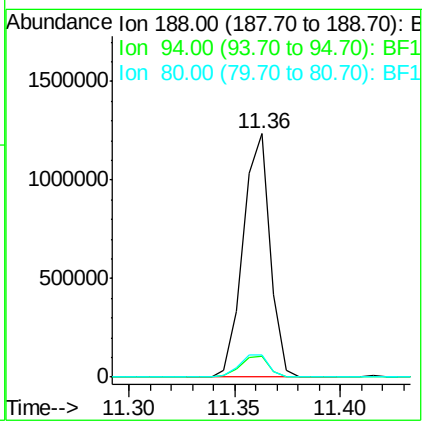


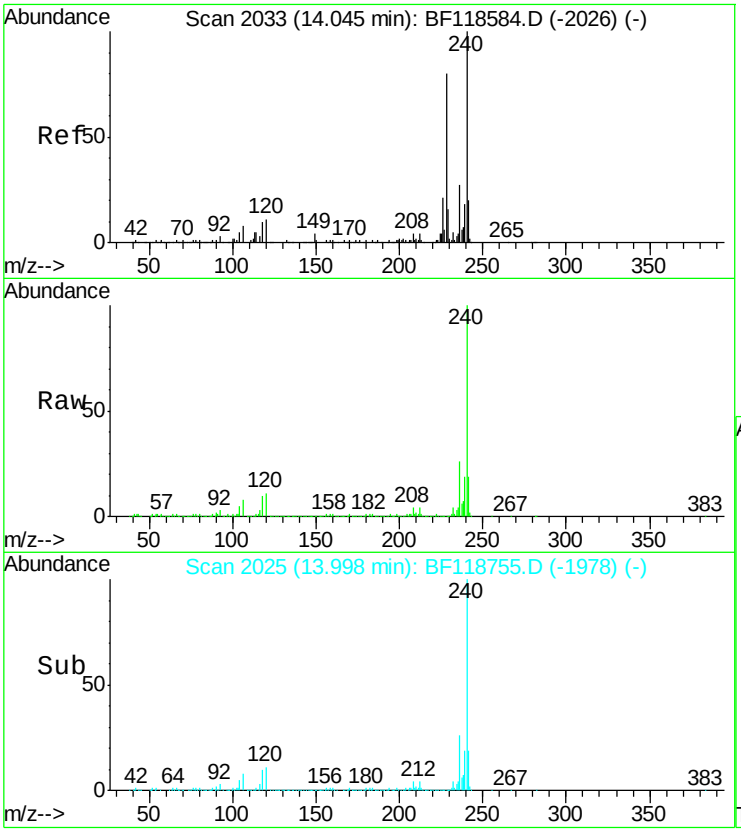


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Tgt Ion:188 Resp: 1094097

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.1	7.8	11.8



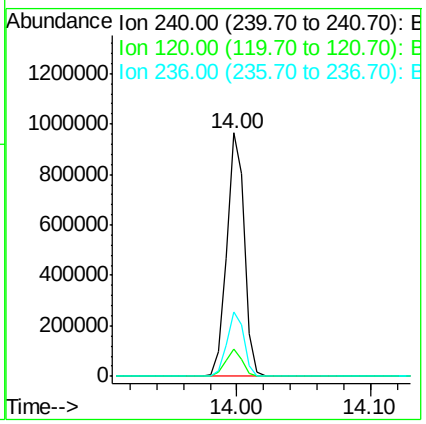


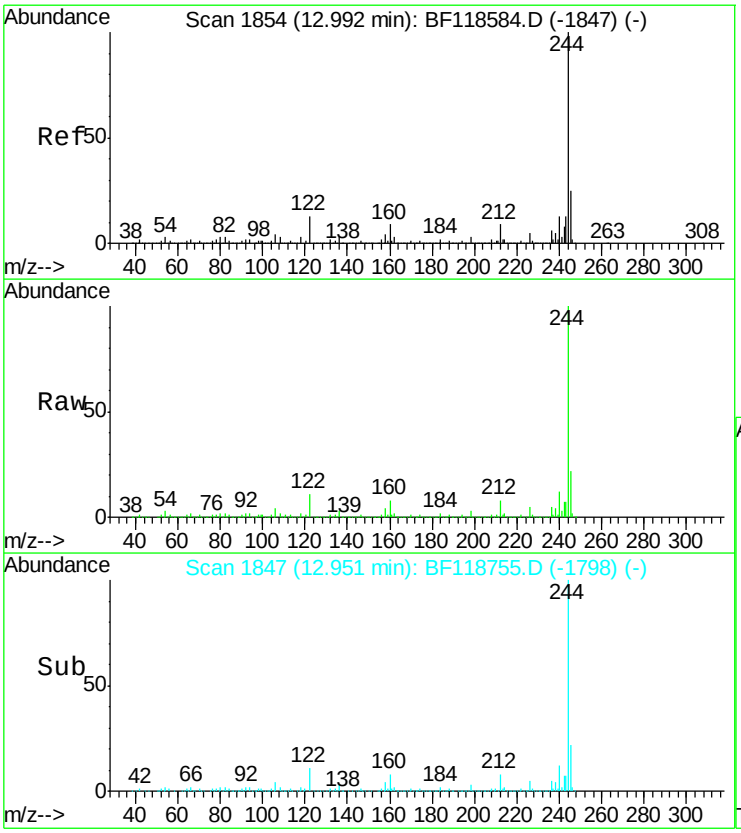
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Instrument :
BNA_F
ClientSampleId :
MH-725

Tgt Ion:240 Resp: 896301

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.6	11.4
236	26.3	21.0	31.4

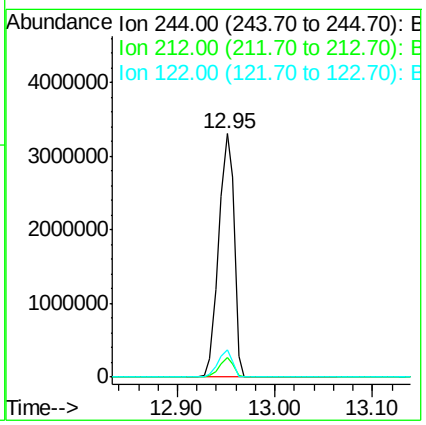


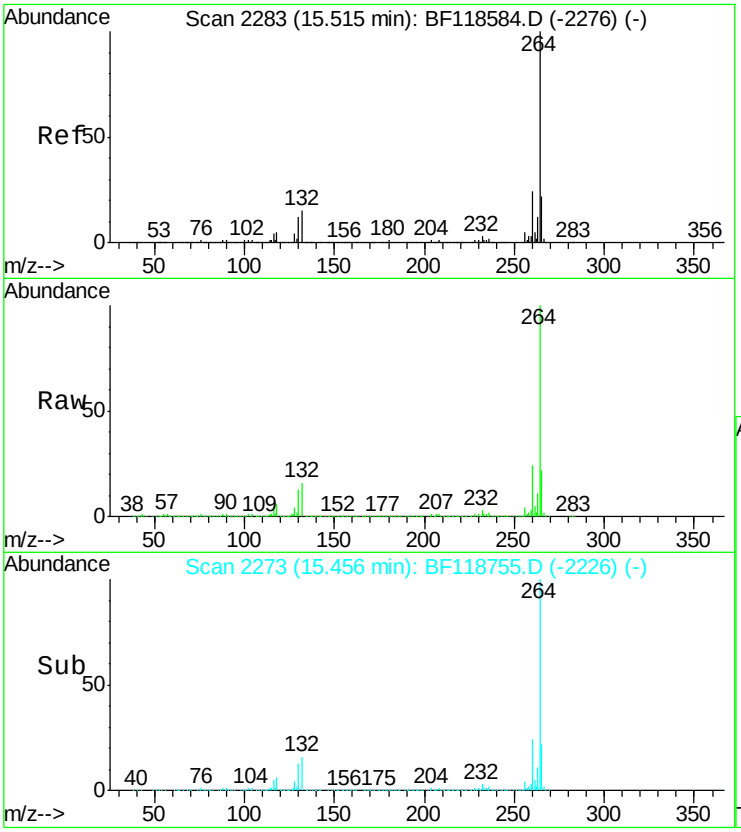


#79
Terphenyl-d14
Concen: 88.234 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF118755.D
Acq: 30 Jan 2020 17:03

Tgt Ion:244 Resp: 3625905

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	11.3	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: BF118755.D
Acq: 30 Jan 2020 17:03

Instrument :
BNA_F
ClientSampleId :
MH-725

Tgt Ion:264 Resp: 880142

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.7	17.0	25.6