Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117855.D
Acq On : 19 Nov 2019 13:21
Operator : JU
Sample : K5862-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-13A-S

Quant Time: Nov 20 00:35:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	228745	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	898438	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	484233	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	913072	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	592720	20.00	ng	-0.01
87) Perylene-d12	15.61	264	537187	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1125432	87.09	ng	0.00
7) Phenol-d6	6.53	99	1447224	92.85	ng	-0.01
23) Nitrobenzene-d5	7.47	82	861335	56.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	371258	72.42	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1621805	60.09	ng	-0.01
79) Terphenyl-d14	13.05	244	1859000	57.32	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.55	94	88230	5.447	ng	98
50) Dimethylphthalate	9.67	163	207661	6.116	ng	96

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

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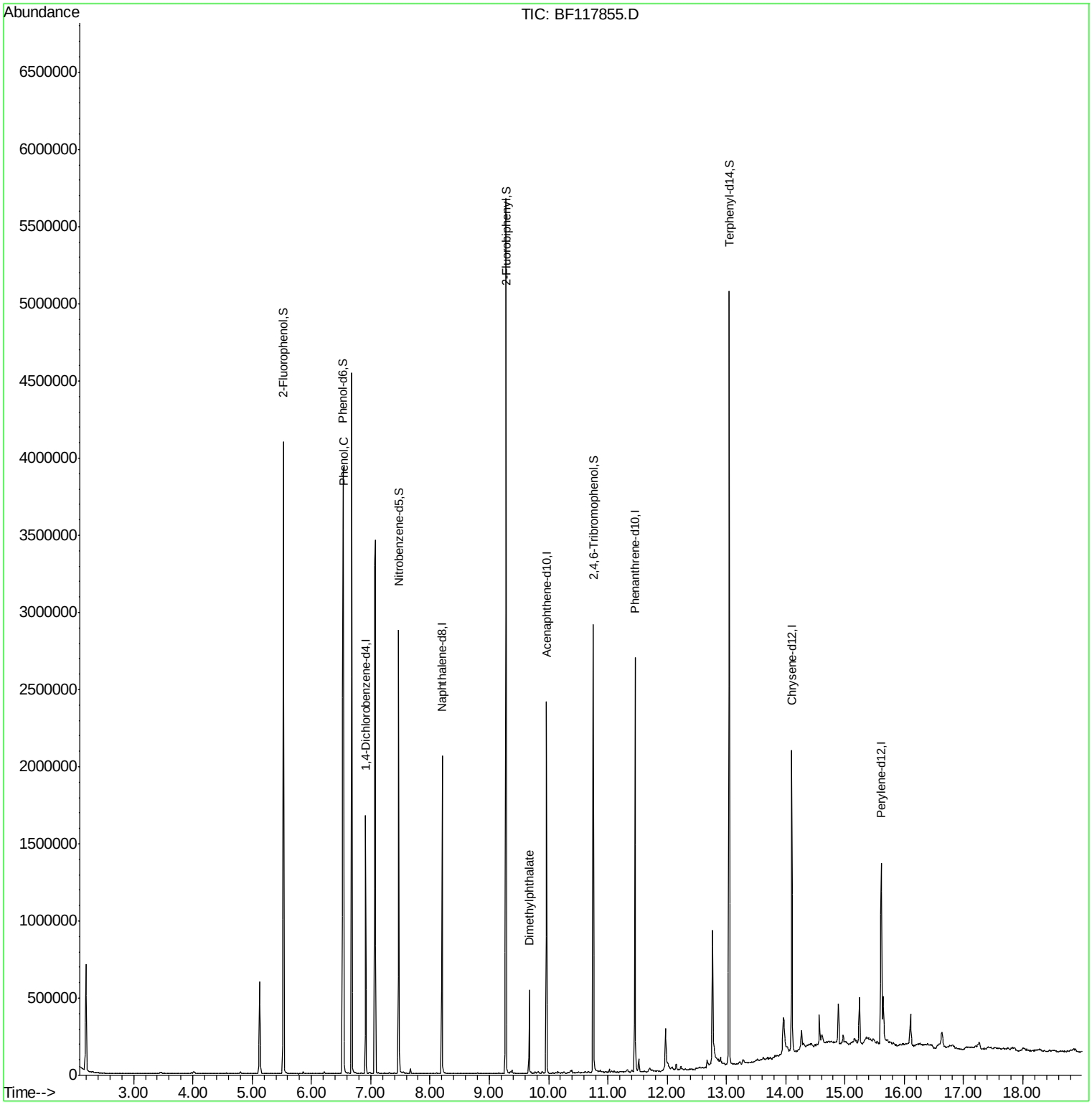
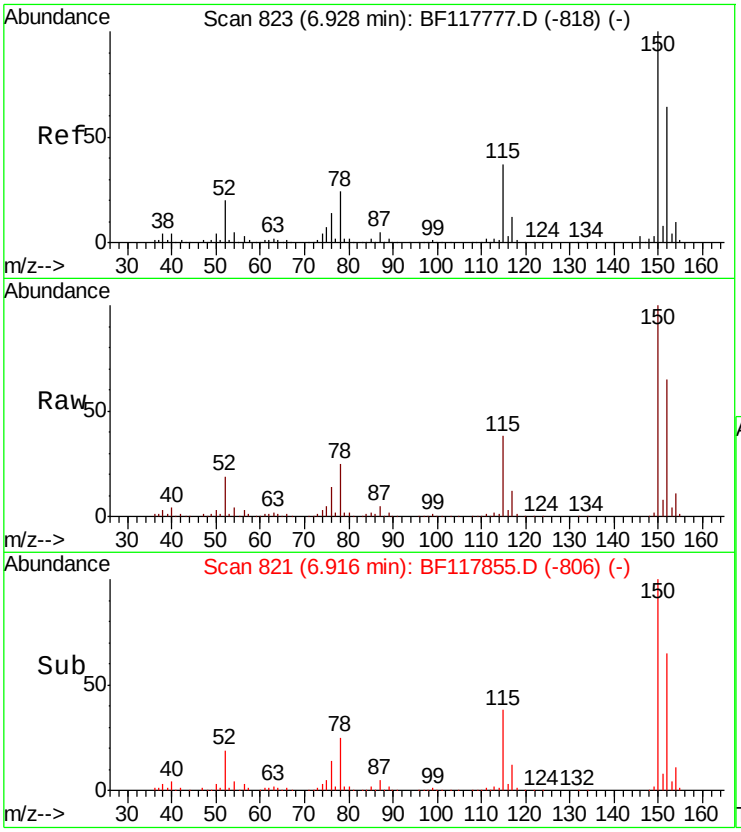


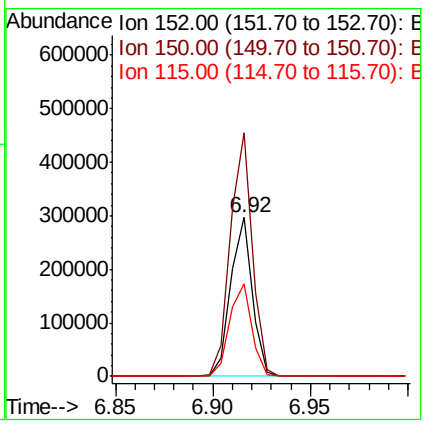


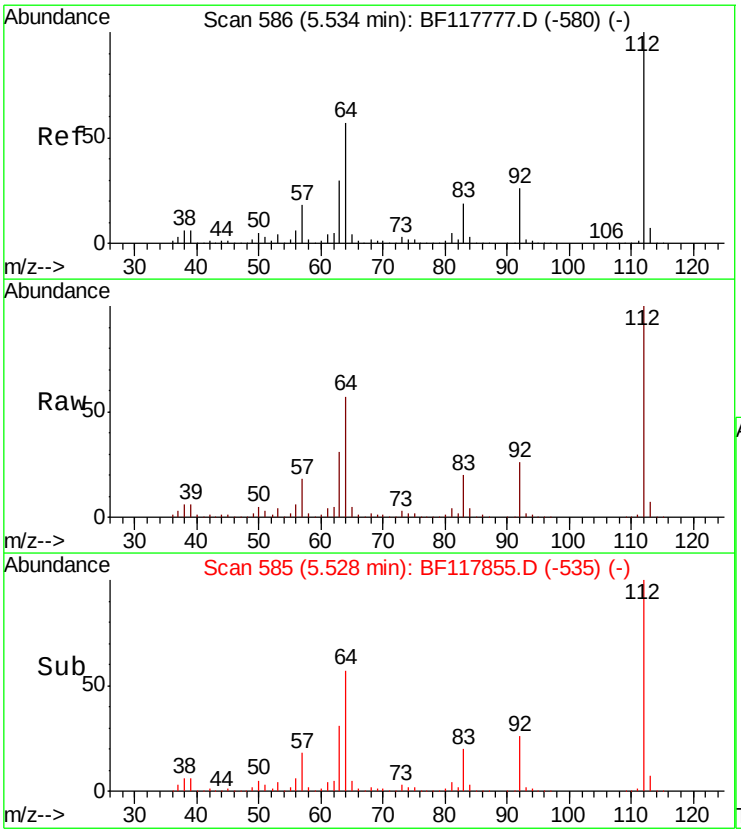
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :
TP-13A-S

Tgt Ion:152 Resp: 228745

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.3	187.9
115	58.3	47.0	70.4

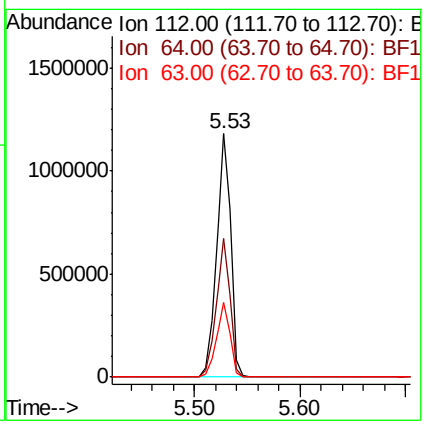


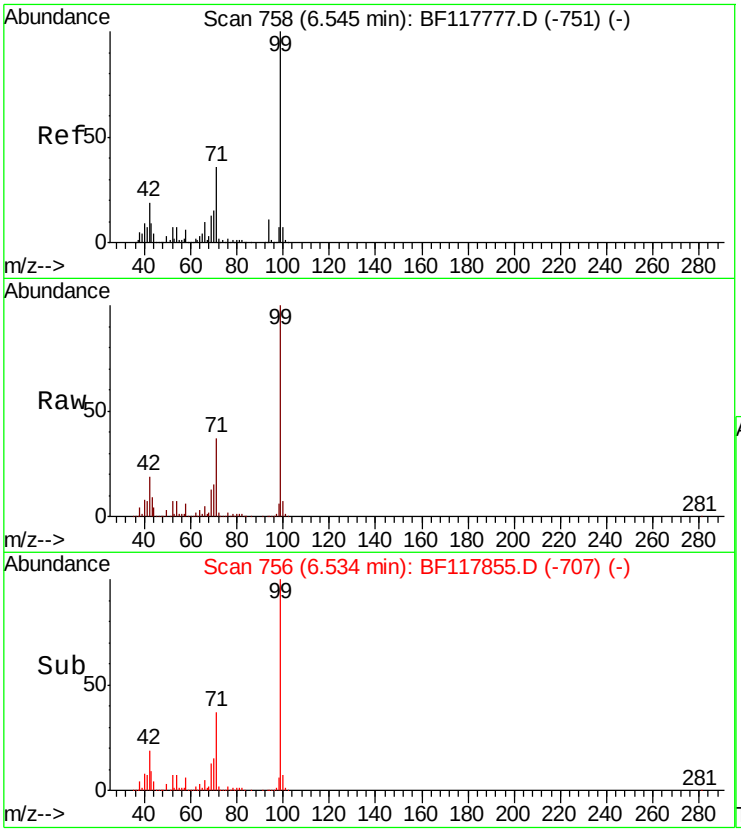


#5
2-Fluorophenol
Concen: 87.090 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion:112 Resp: 1125432

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.6	68.4
63	30.6	24.1	36.1



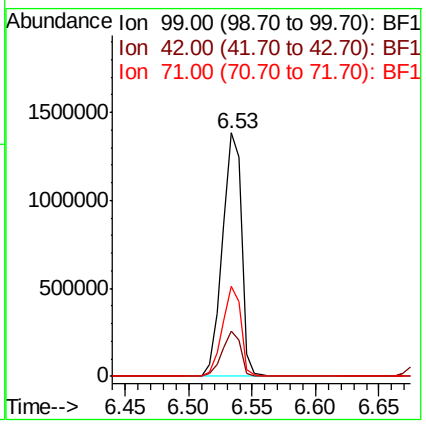


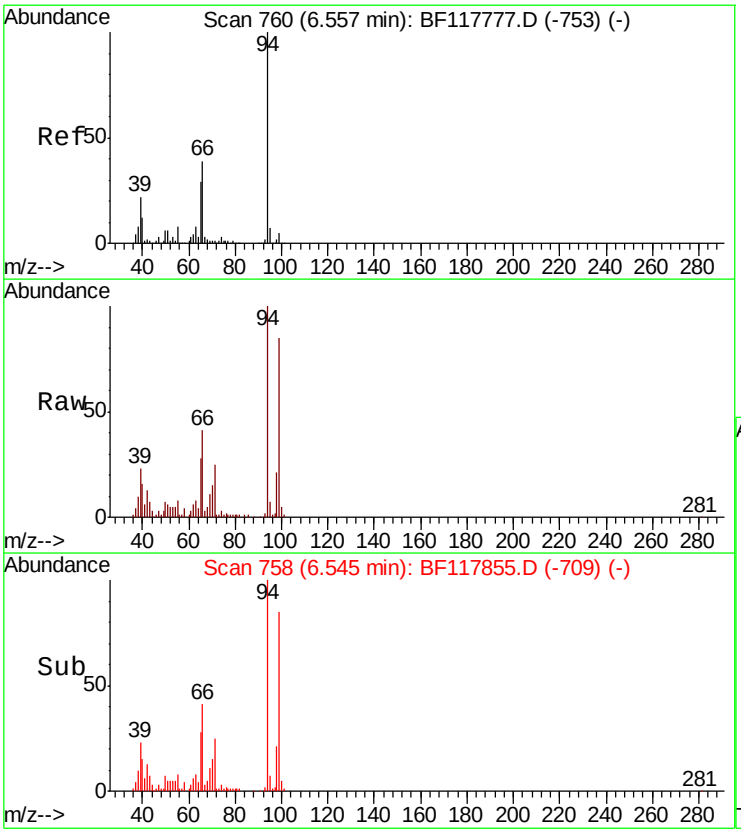
#7
Phenol-d6
Concen: 92.849 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :
TP-13A-S

Tgt Ion: 99 Resp: 1447224

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	36.8	28.6	43.0

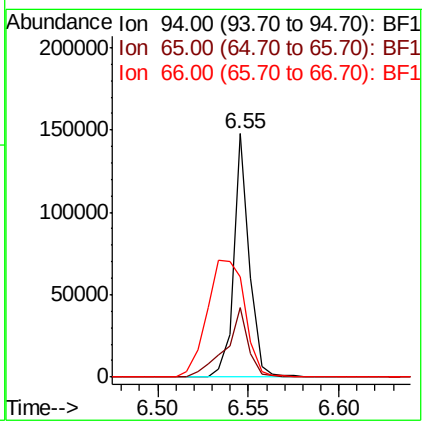


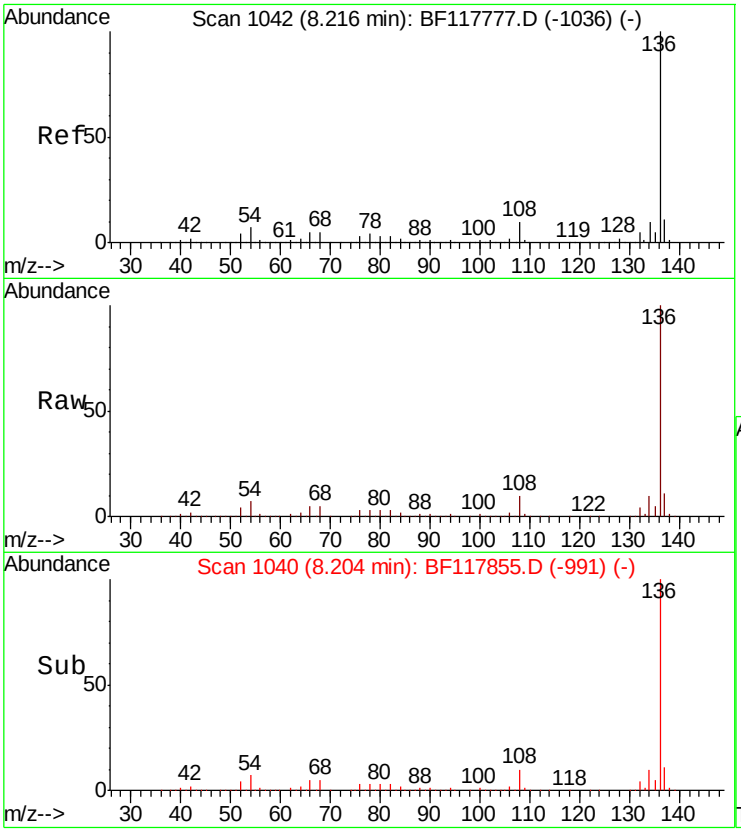


#10
Phenol
Concen: 5.447 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion: 94 Resp: 88230

Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.9	48.9
66	41.0	18.7	58.7



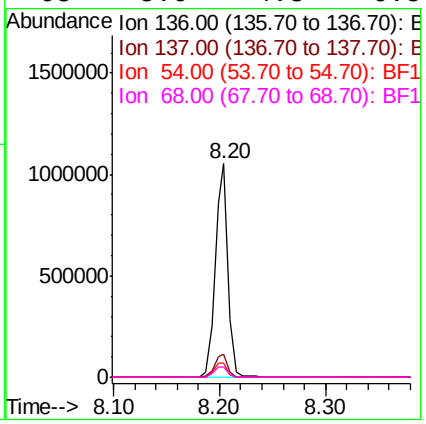


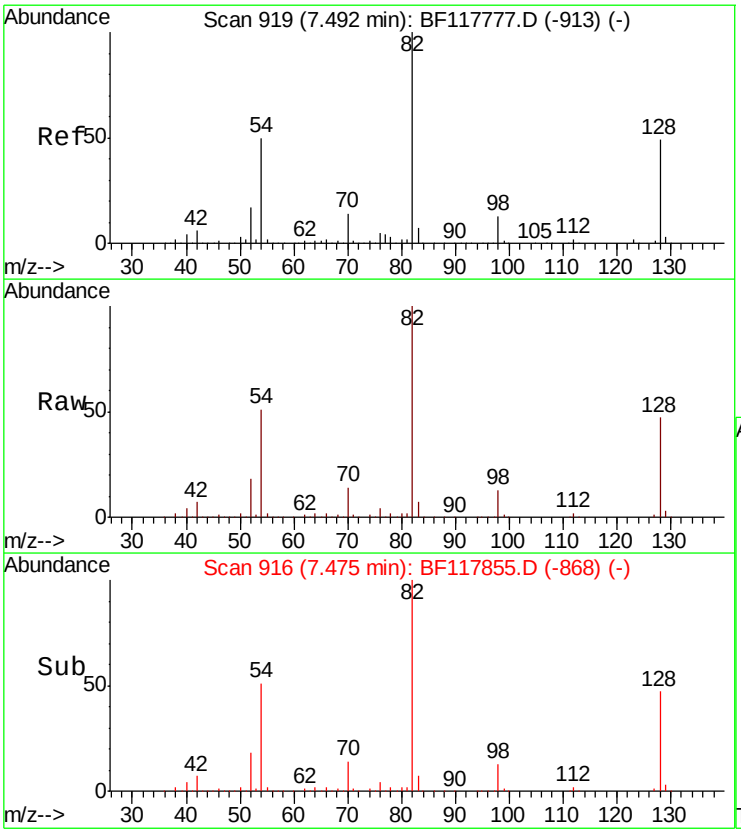
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :
TP-13A-S

Tgt Ion:136 Resp: 898438

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.7	5.4	8.2
68	5.0	4.3	6.5

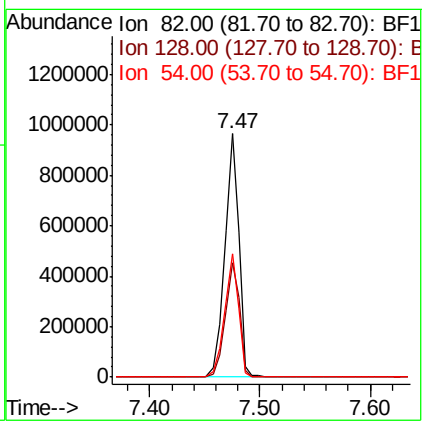


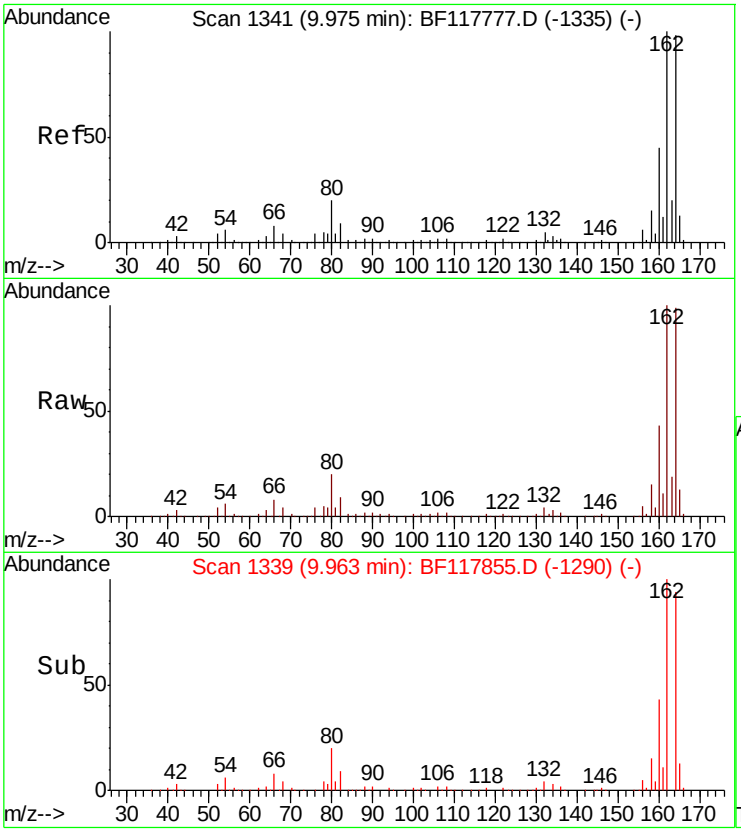


#23
Nitrobenzene-d5
Concen: 56.991 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion: 82 Resp: 861335

Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.9	58.3
54	50.7	39.8	59.6



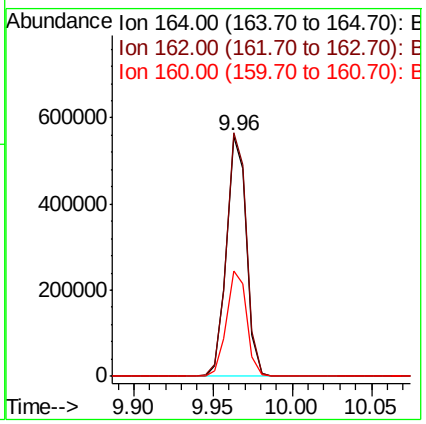


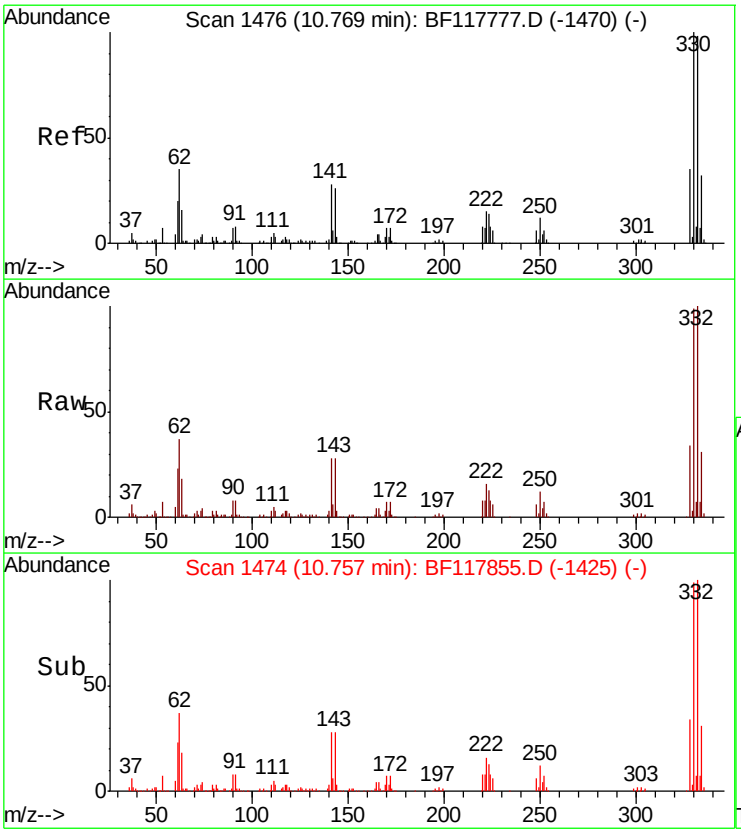
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :
TP-13A-S

Tgt Ion:164 Resp: 484233

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.3	121.9
160	44.1	36.6	55.0

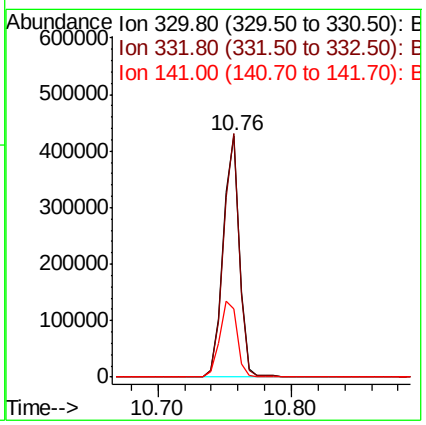


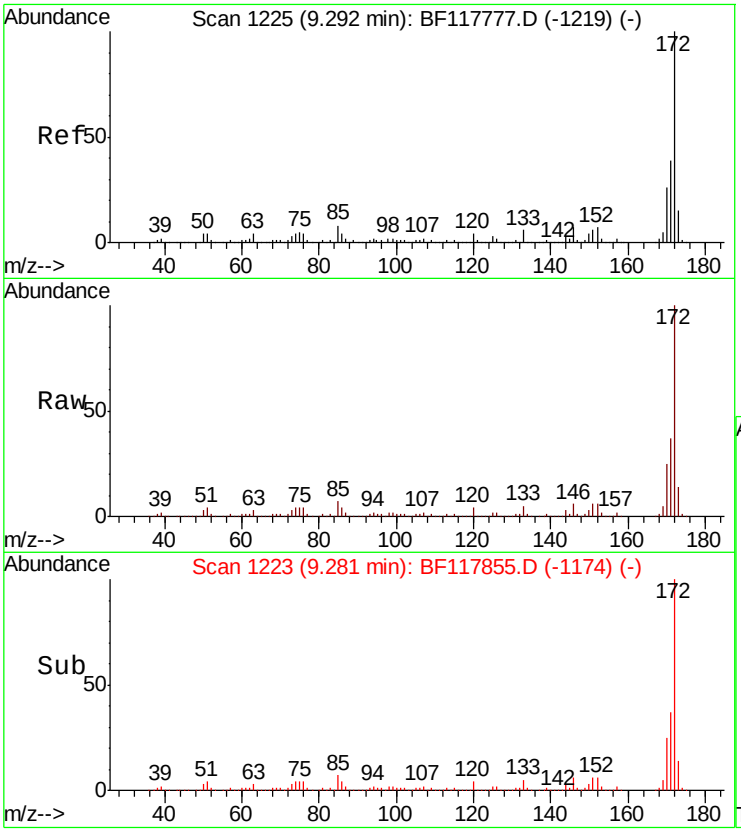


#42
2,4,6-Tribromophenol
Concen: 72.419 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion:330 Resp: 371258

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.7	115.1
141	33.9	27.7	41.5



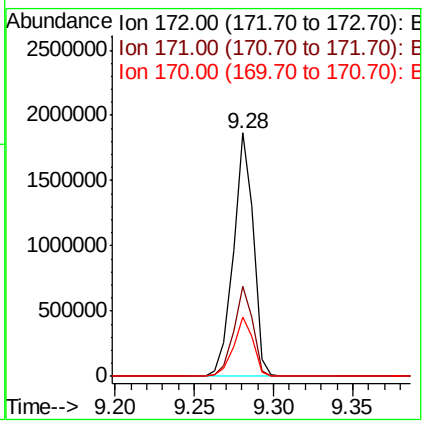


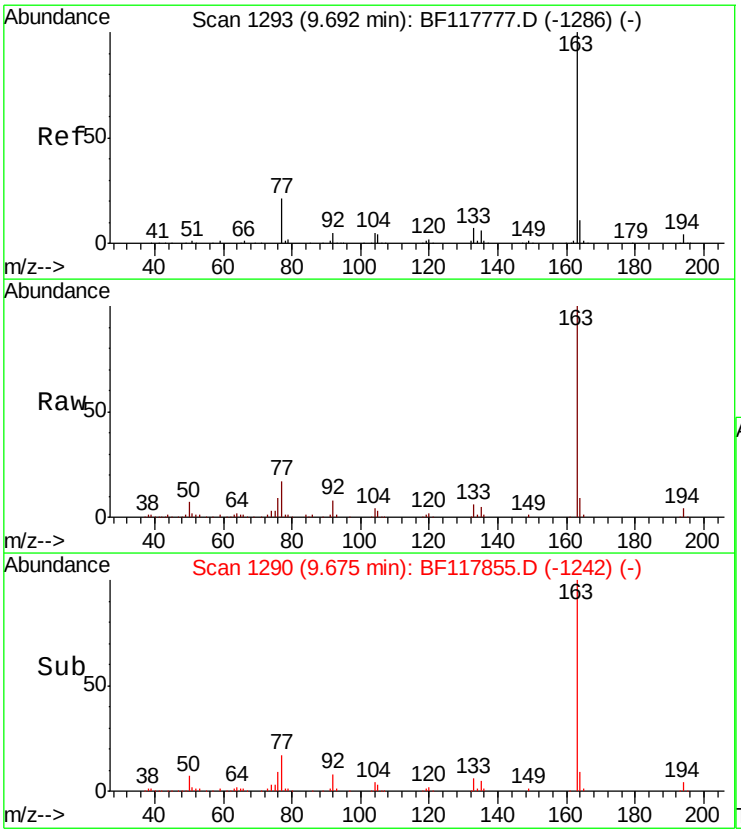
#45
2-Fluorobiphenyl
Concen: 60.086 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :
TP-13A-S

Tgt Ion:172 Resp: 1621805

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.9	46.3
170	24.5	21.0	31.4

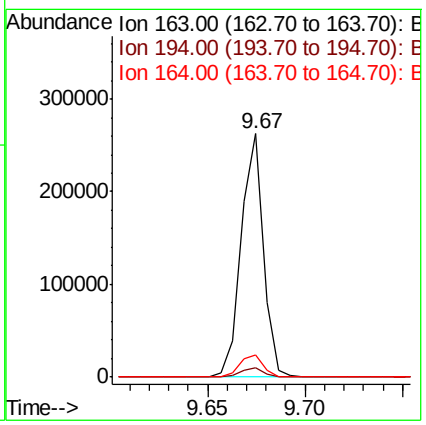


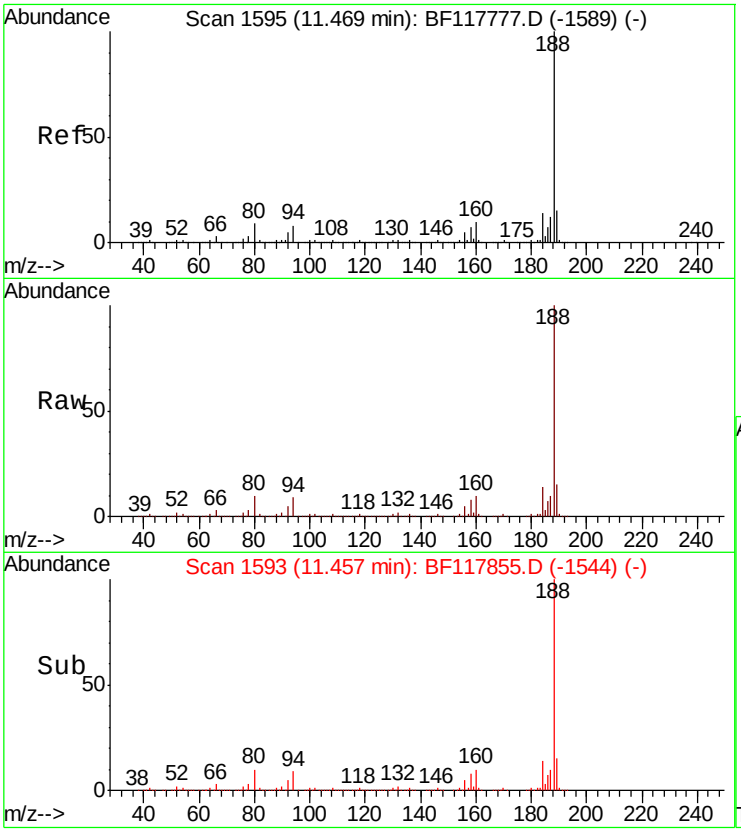


#50
Dimethylphthalate
Concen: 6.116 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion:163 Resp: 207661

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.1	8.7	13.1



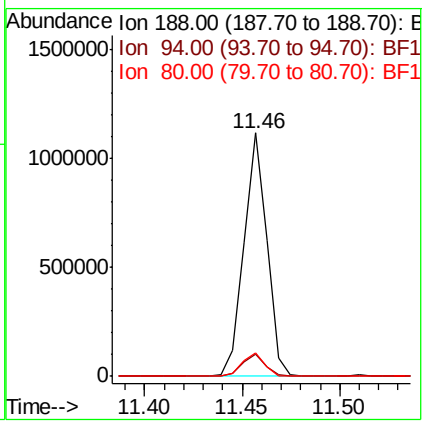


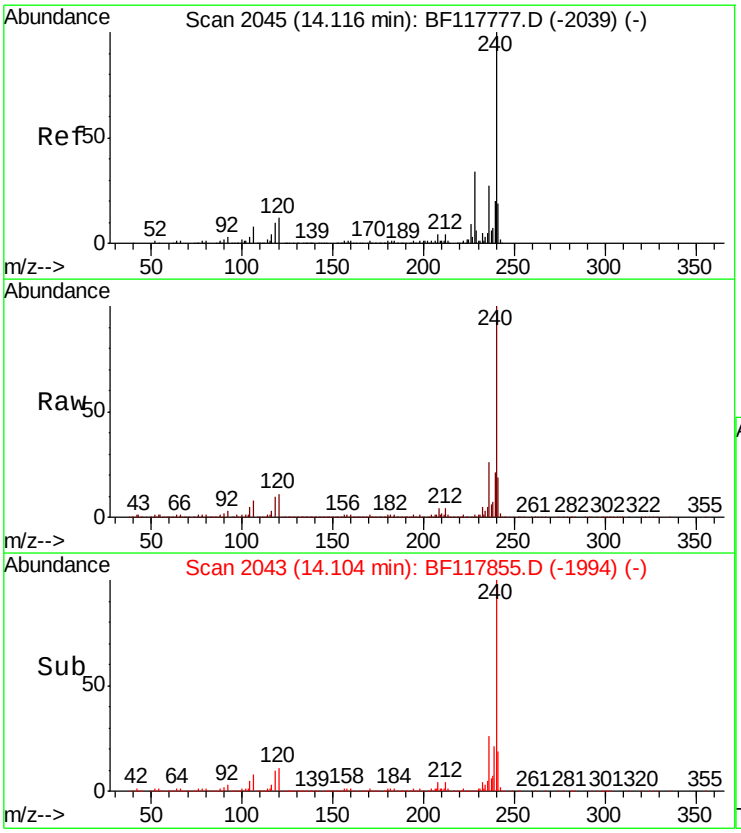
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :
TP-13A-S

Tgt Ion:188 Resp: 913072

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.8	7.2	10.8

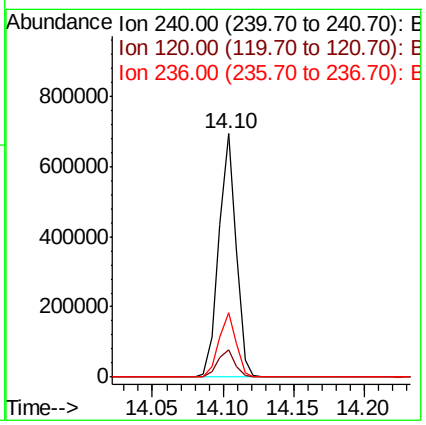


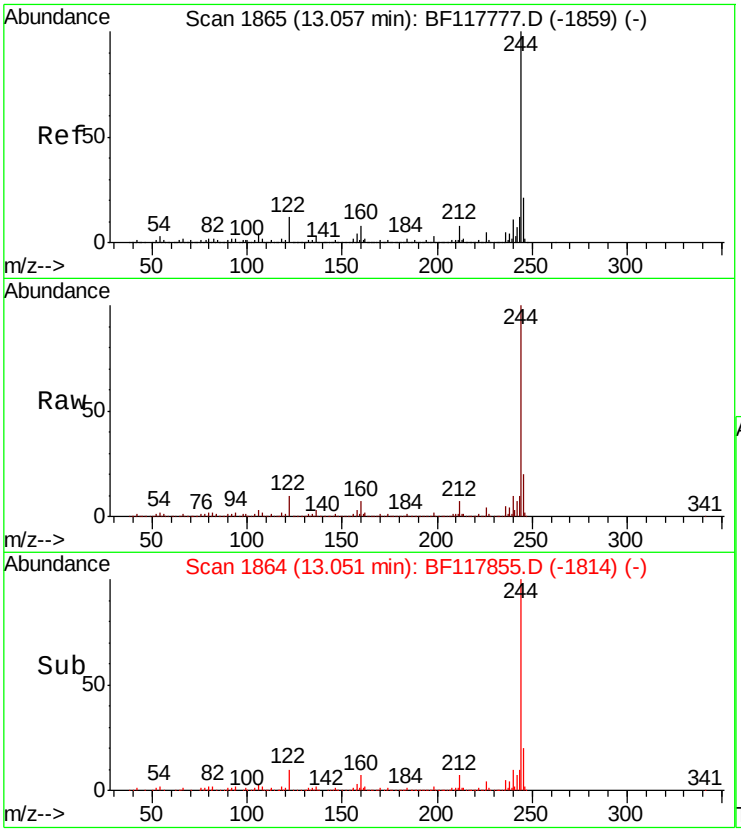


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion:240 Resp: 592720

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	26.4	21.3	31.9



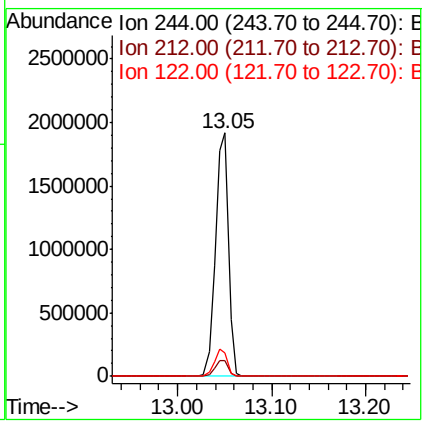


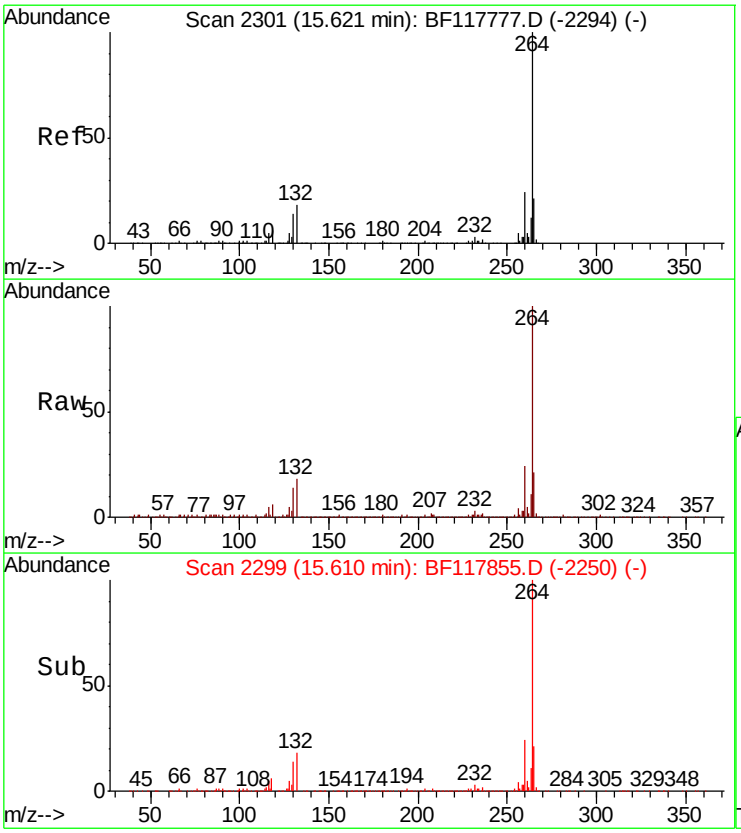
#79
Terphenyl-d14
Concen: 57.321 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Instrument :
BNA_F
ClientSampleId :
TP-13A-S

Tgt Ion:244 Resp: 1859000

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.3	9.5
122	9.6	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF117855.D
Acq: 19 Nov 2019 13:21

Tgt Ion:264 Resp: 537187

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.5	17.1	25.7