Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
Data File : BF117679.D
Acq On : 1 Nov 2019 14:23
Operator : JU
Sample : K5147-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-103019

Quant Time: Nov 01 16:24:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	36510	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	153235	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	81614	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	151405	20.00	ng	0.00
76) Chrysene-d12	13.89	240	125302	20.00	ng	0.00
87) Perylene-d12	15.33	264	121107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	323592	131.86	ng	0.01
7) Phenol-d6	6.39	99	431855	131.02	ng	0.00
23) Nitrobenzene-d5	7.29	82	274217	88.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	100558	142.40	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	487858	84.22	ng	-0.02
79) Terphenyl-d14	12.83	244	633327	82.44	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.40	94	13979	4.155	ng	89
50) Dimethylphthalate	9.48	163	73011	12.549	ng	99

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

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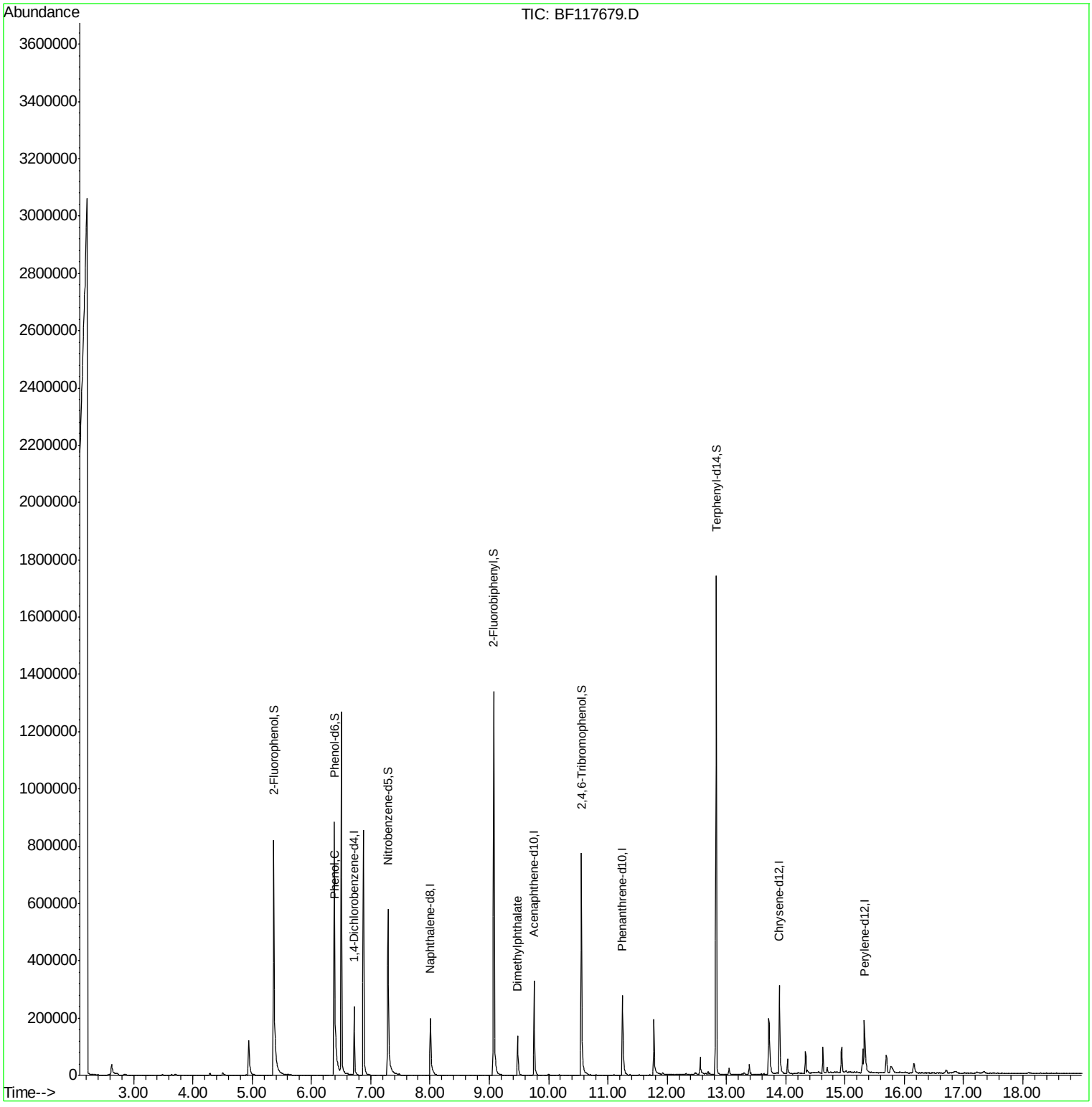
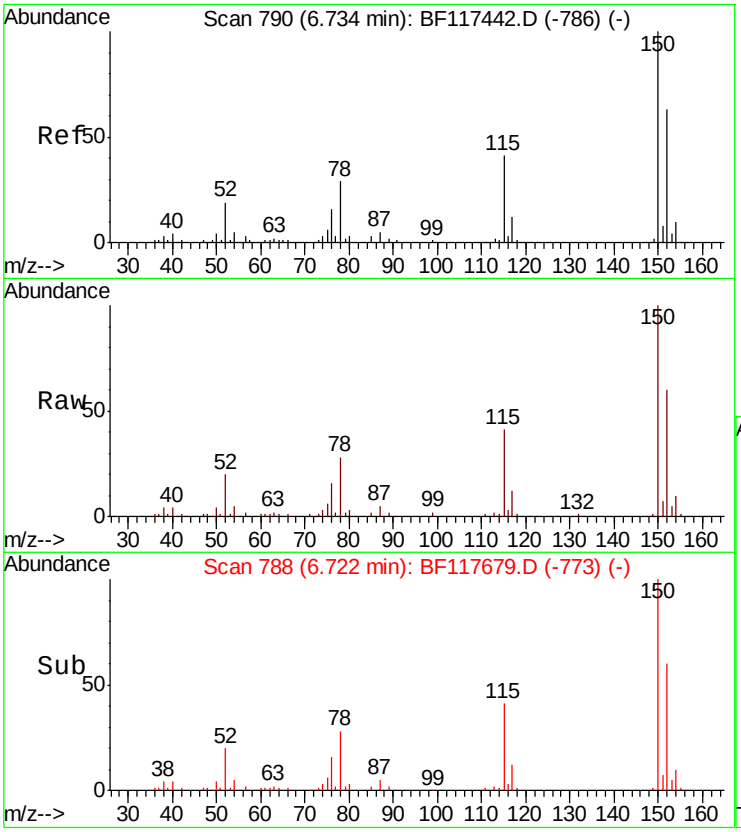


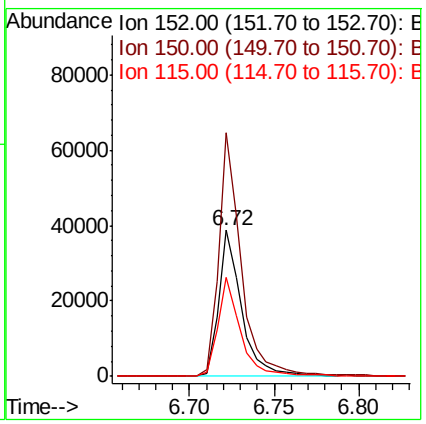


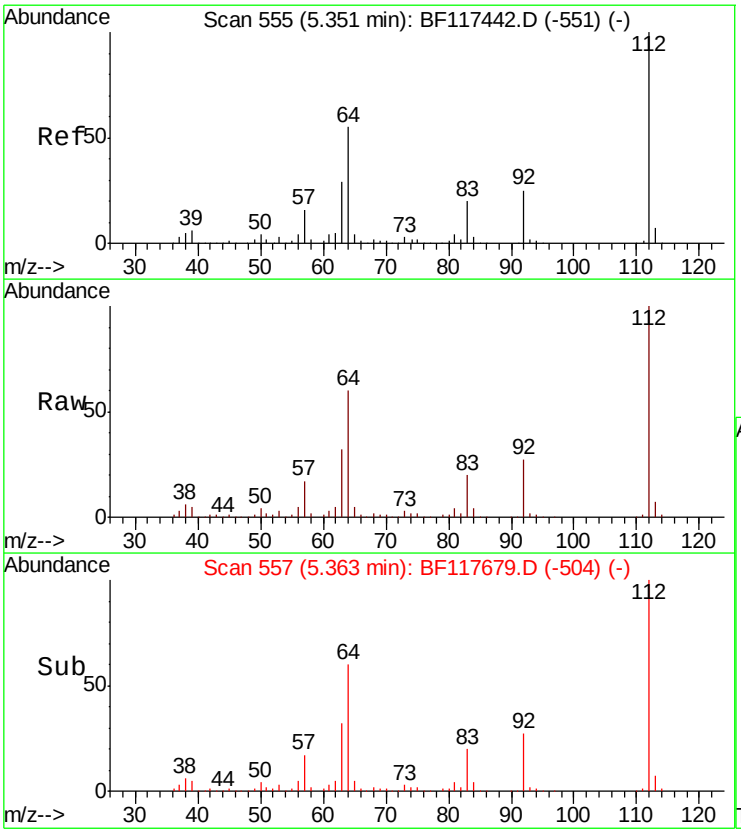
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Instrument :
BNA_F
ClientSampleId :
OK-01-103019

Tgt Ion:152 Resp: 36510

Ion	Ratio	Lower	Upper
152	100		
150	166.5	126.8	190.2
115	67.6	51.6	77.4

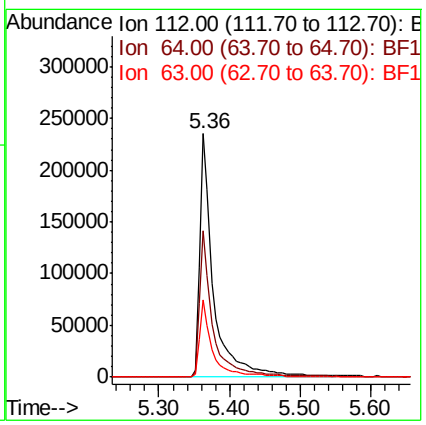


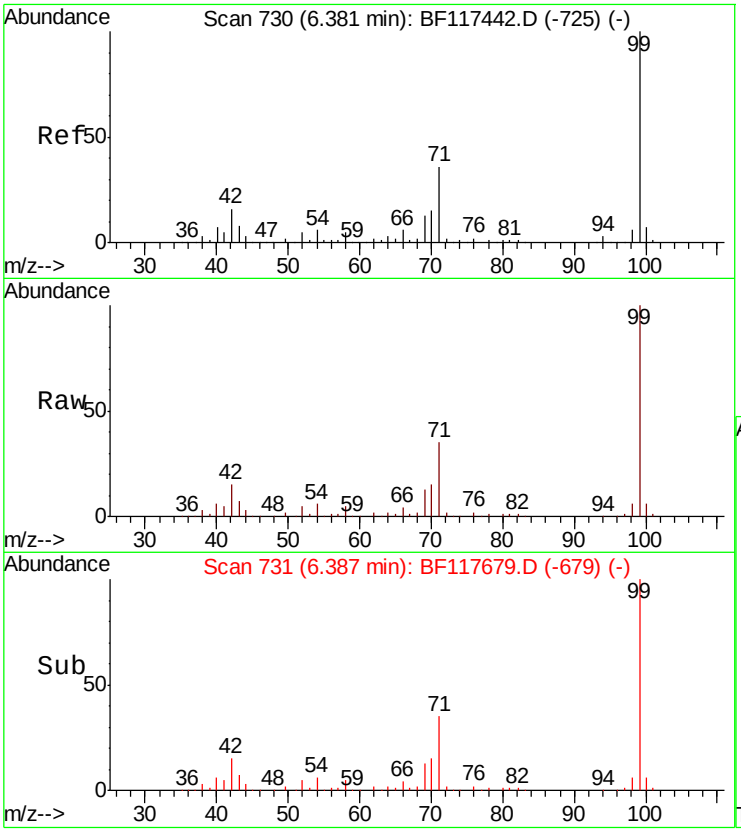


#5
2-Fluorophenol
Concen: 131.857 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Tgt Ion:112 Resp: 323592

Ion	Ratio	Lower	Upper
112	100		
64	60.3	44.1	66.1
63	32.0	23.4	35.2



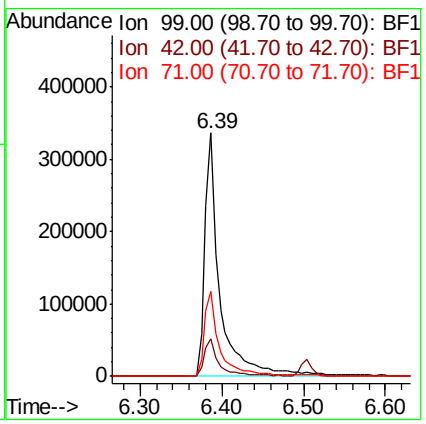


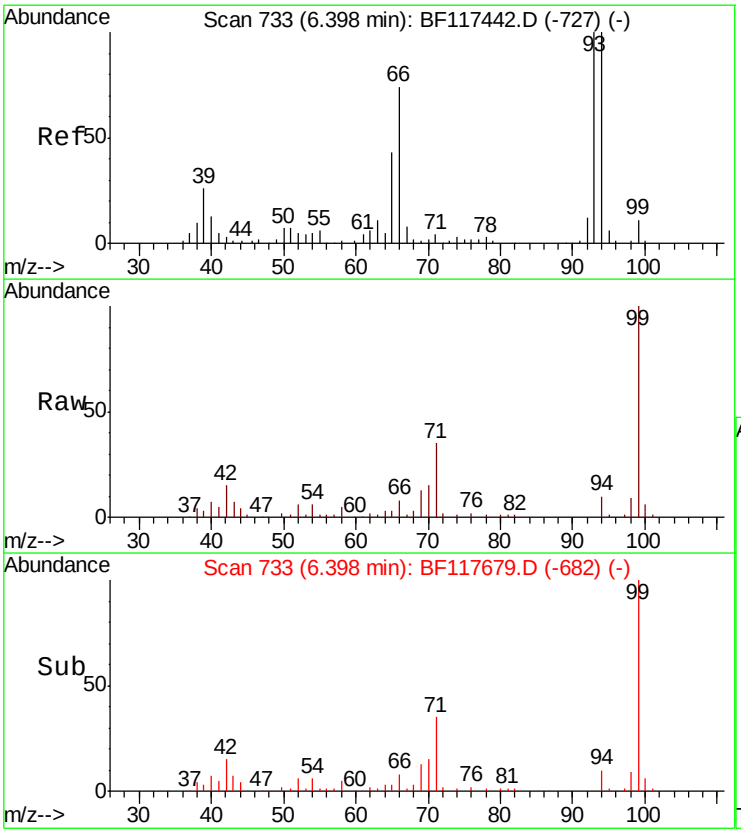
#7
Phenol-d6
Concen: 131.018 ng
RT: 6.39 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Instrument :
BNA_F
ClientSampleId :
OK-01-103019

Tgt Ion: 99 Resp: 431855

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.8	19.2
71	34.9	28.6	43.0

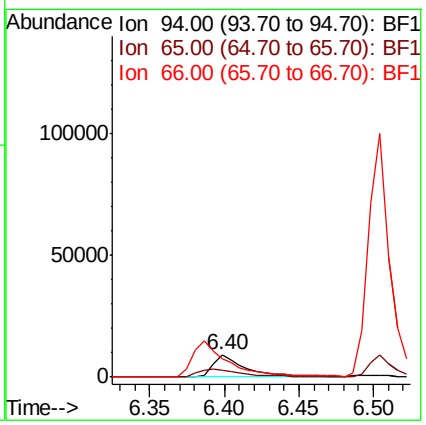


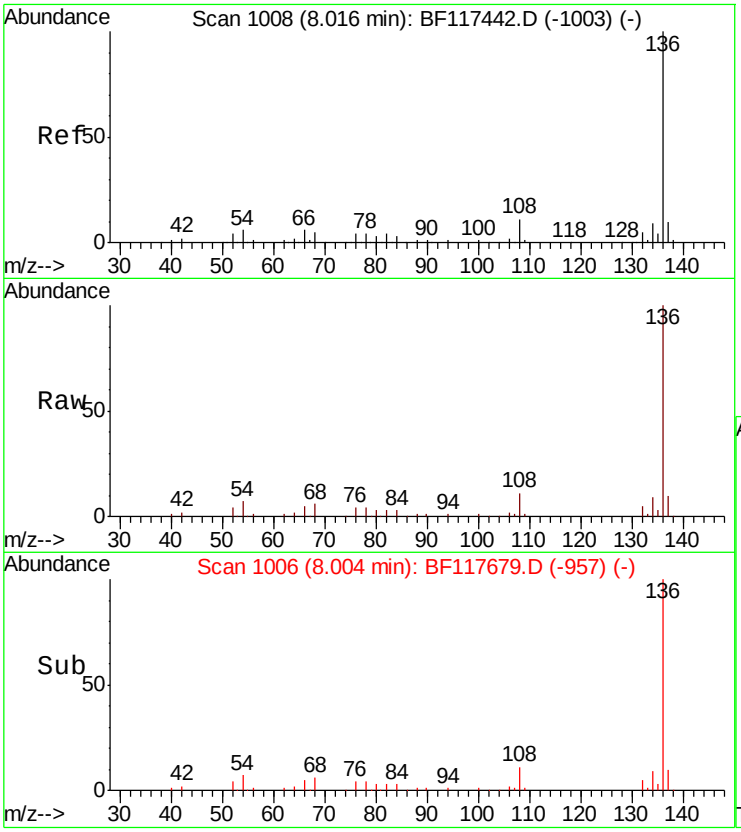


#10
Phenol
Concen: 4.155 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Tgt Ion: 94 Resp: 13979

Ion	Ratio	Lower	Upper
94	100		
65	33.2	23.4	63.4
66	81.4	54.7	94.7



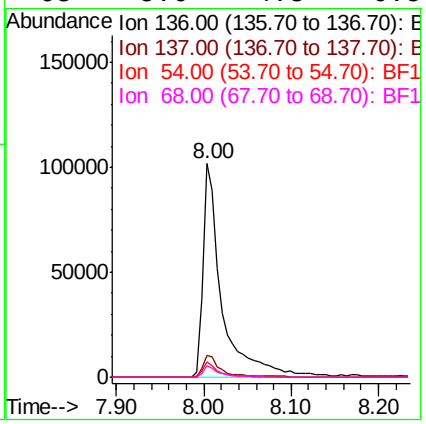


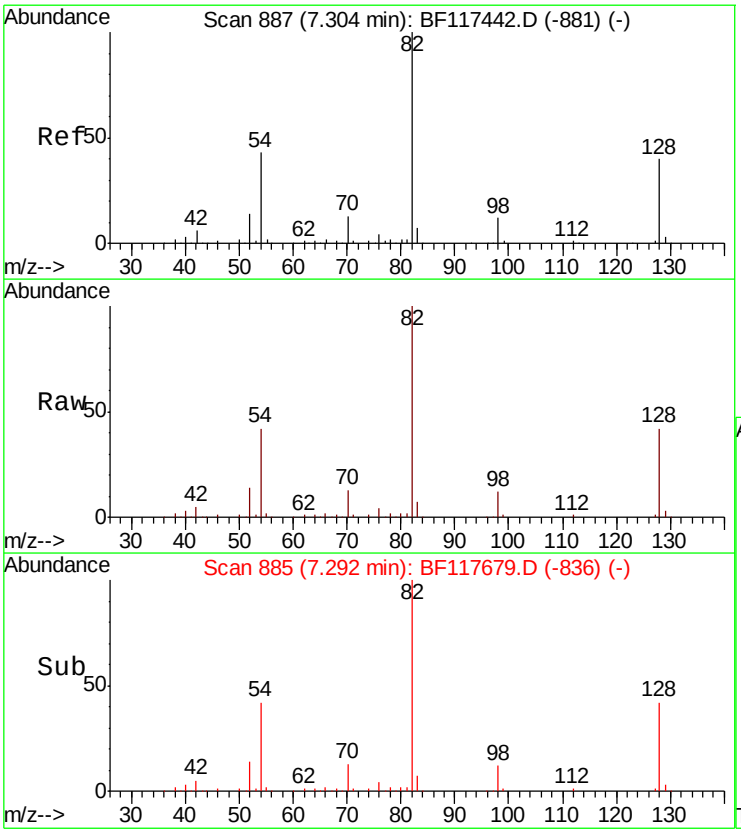
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Instrument :
BNA_F
ClientSampleId :
OK-01-103019

Tgt Ion:136 Resp: 153235

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.4
54	7.1	4.5	6.7#
68	5.6	4.3	6.5

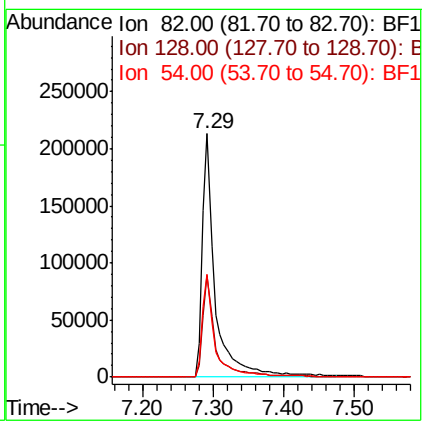


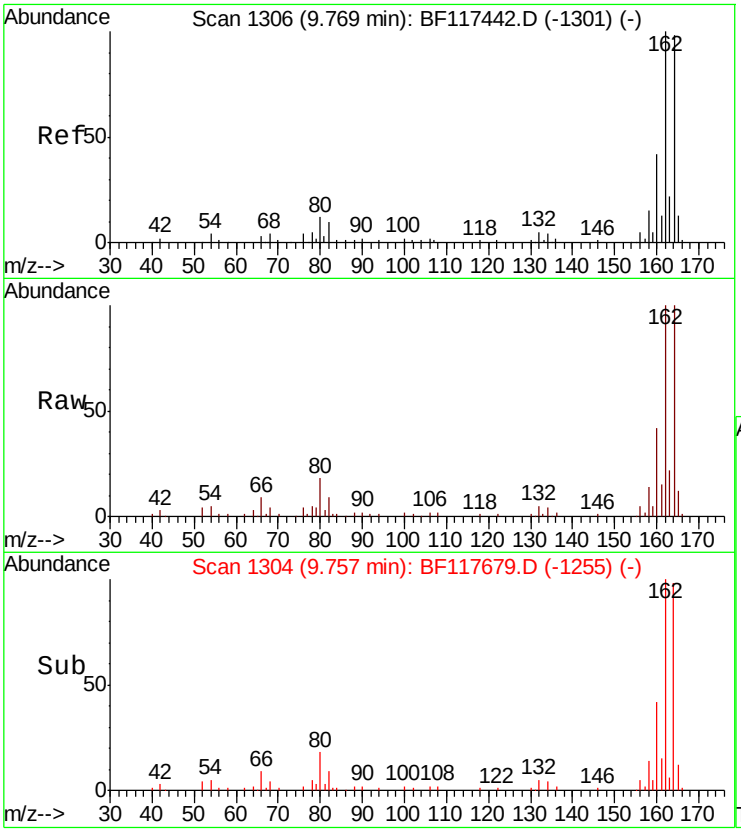


#23
Nitrobenzene-d5
Concen: 88.345 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Tgt Ion: 82 Resp: 274217

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.2	48.2
54	42.4	34.2	51.2



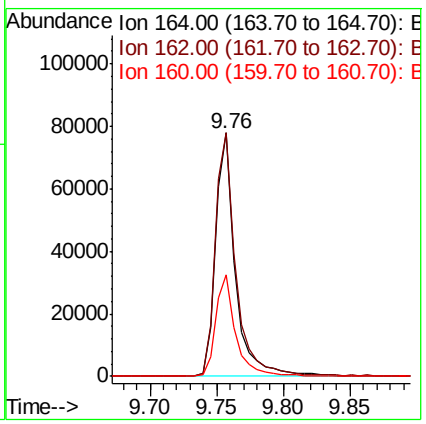


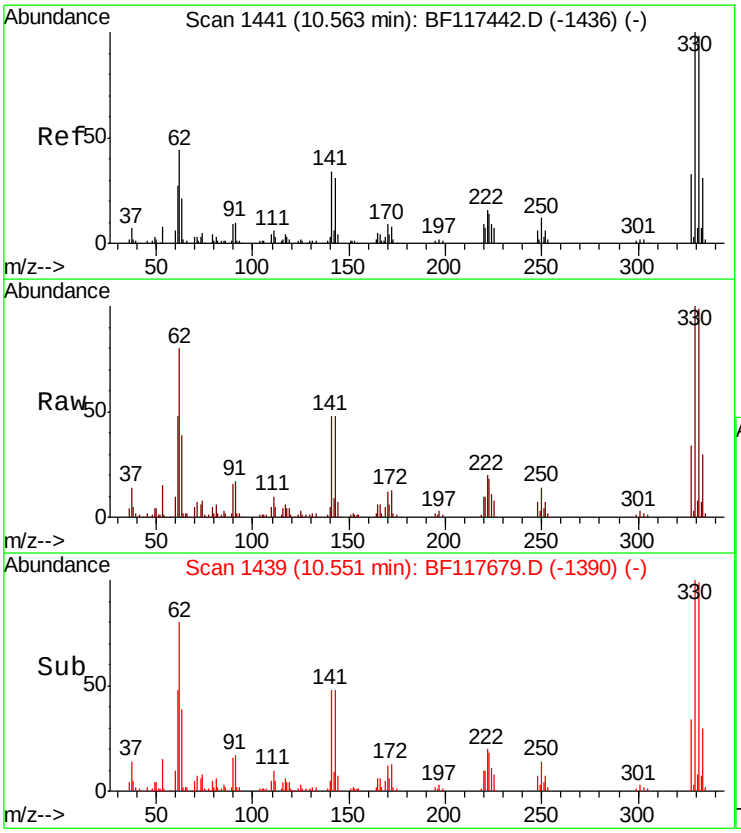
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Instrument :
BNA_F
ClientSampleId :
OK-01-103019

Tgt Ion:164 Resp: 81614

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.8	122.6
160	41.9	34.4	51.6

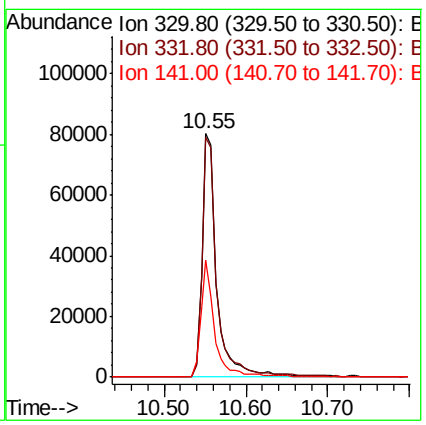


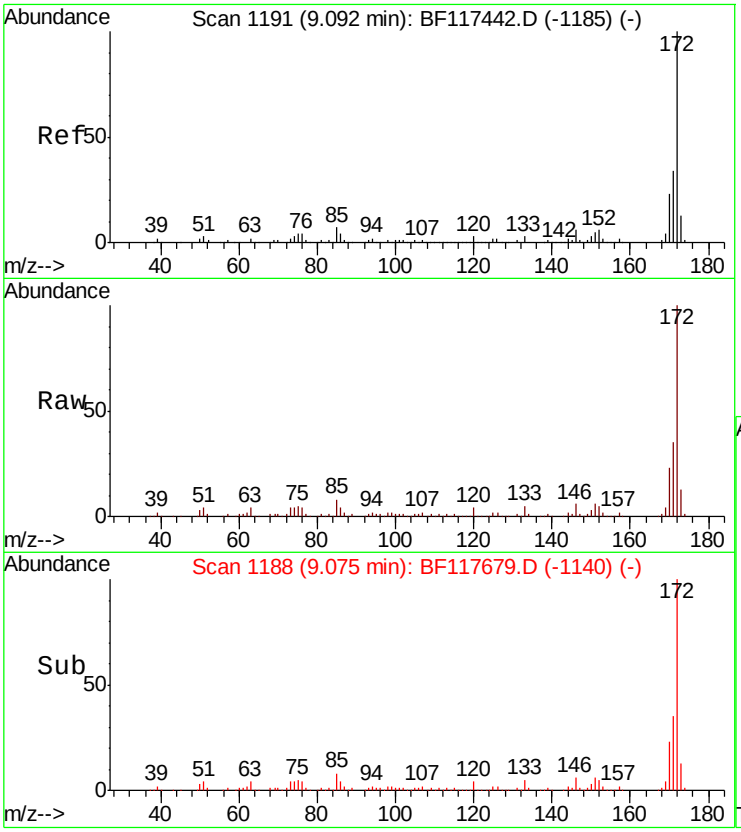


#42
2,4,6-Tribromophenol
Concen: 142.399 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Tgt Ion:330 Resp: 100558

Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.5	117.7
141	44.9	37.0	55.6



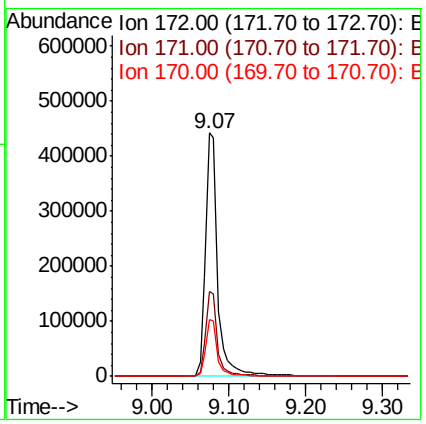


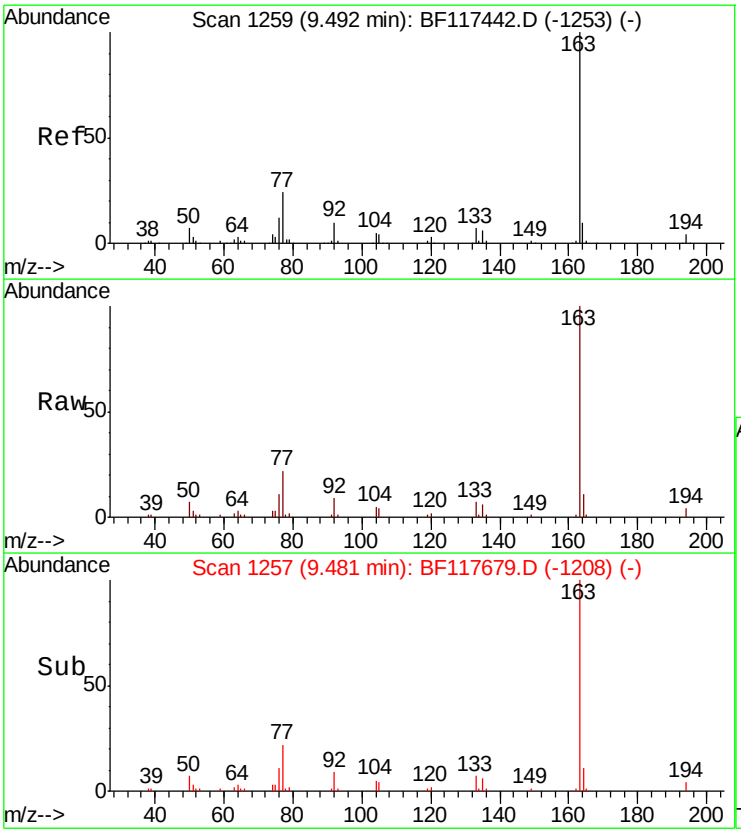
#45
2-Fluorobiphenyl
Concen: 84.224 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Instrument :
BNA_F
ClientSampleId :
OK-01-103019

Tgt Ion:172 Resp: 487858

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.5	41.3
170	23.1	18.6	27.8

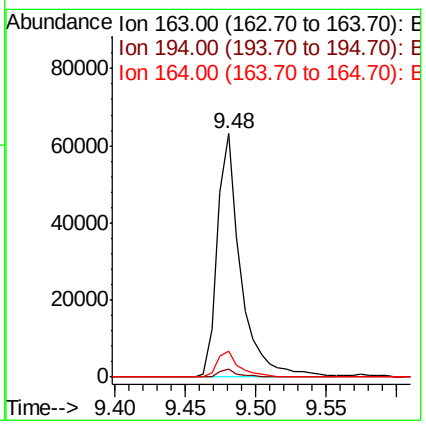


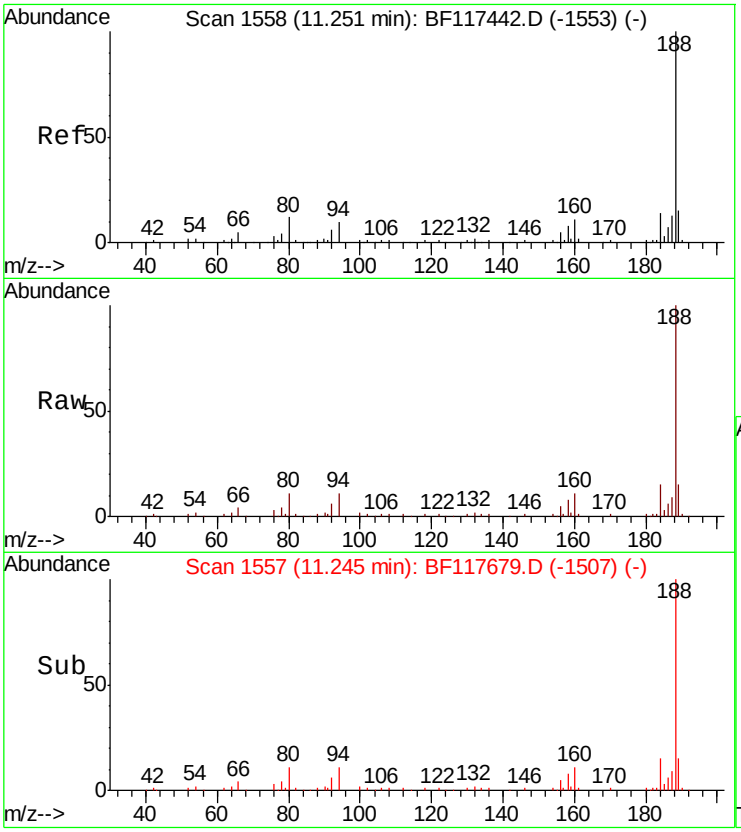


#50
Dimethylphthalate
Concen: 12.549 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Tgt Ion:163 Resp: 73011

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.6	8.2	12.2



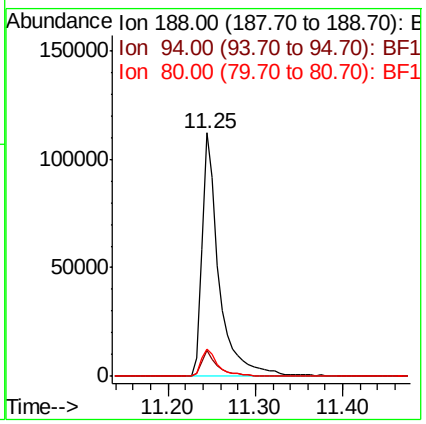


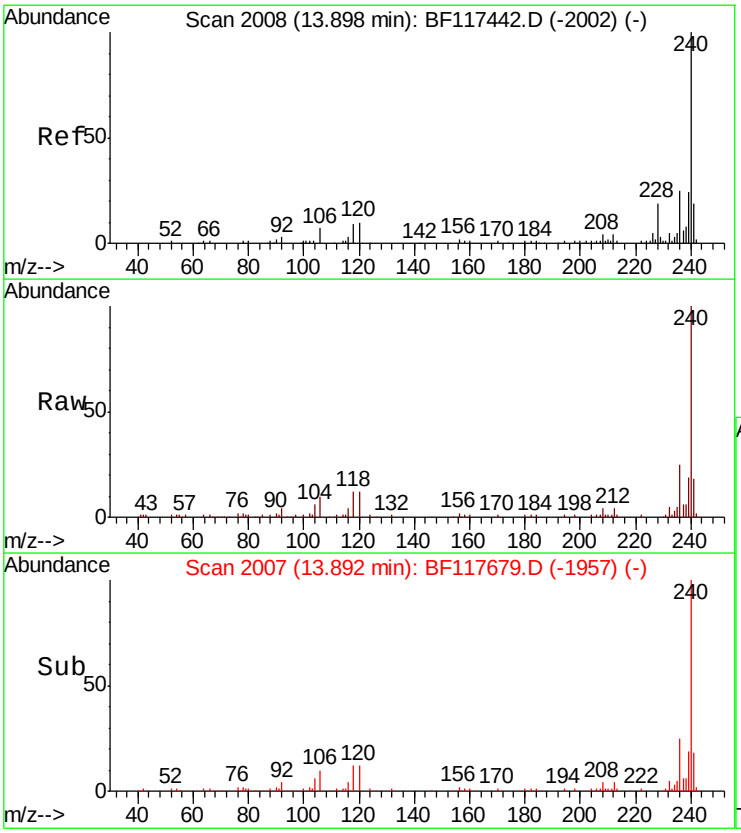
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Instrument :
BNA_F
ClientSampleId :
OK-01-103019

Tgt Ion:188 Resp: 151405

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.0	12.0
80	11.4	9.5	14.3

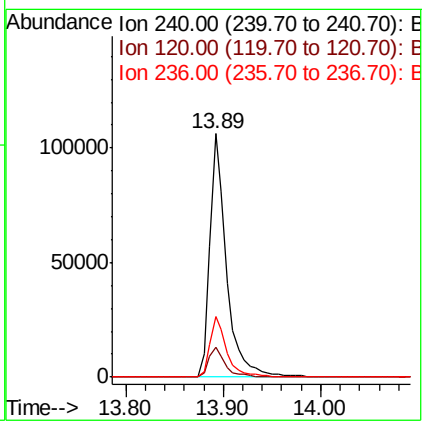


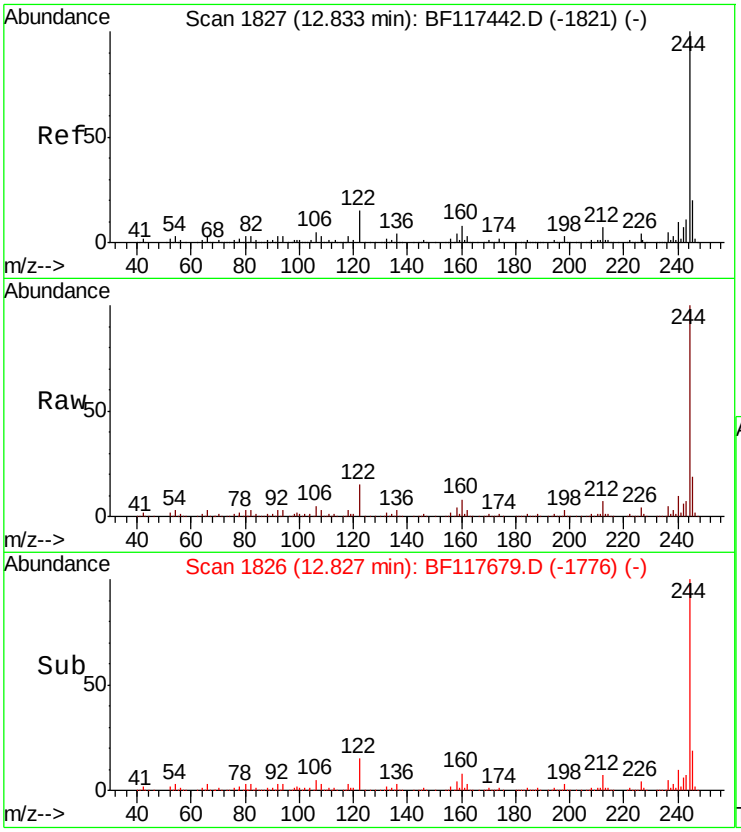


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Tgt Ion:240 Resp: 125302

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.4	12.6
236	25.1	20.0	30.0



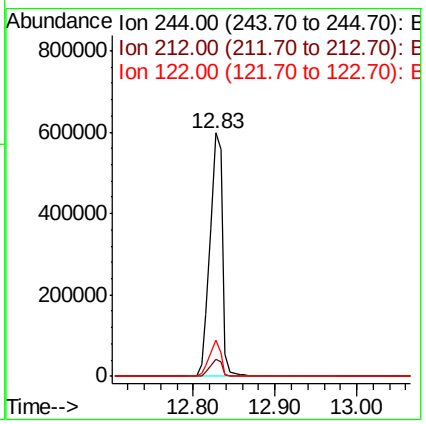


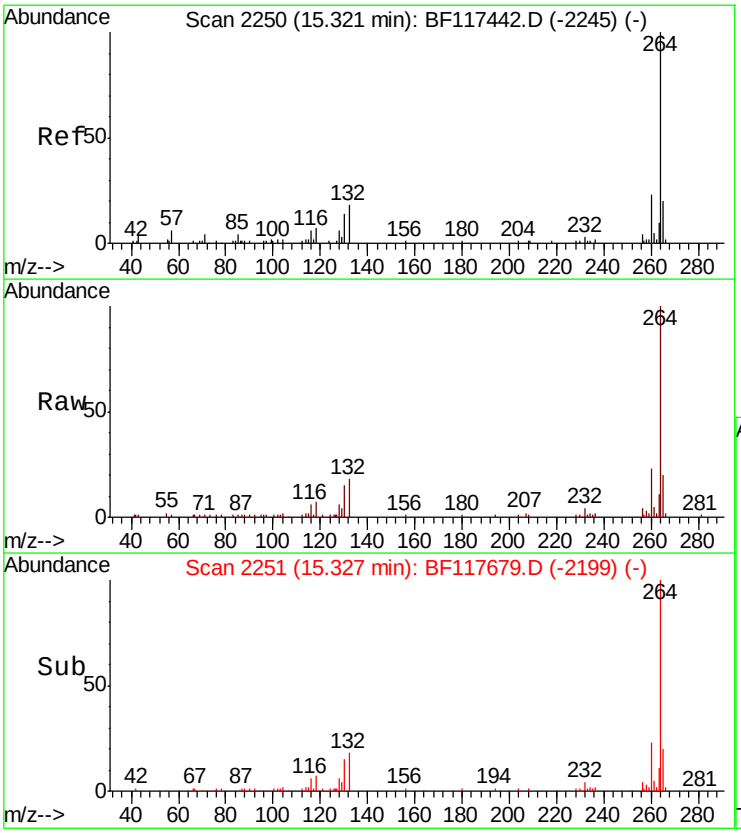
#79
Terphenyl-d14
Concen: 82.443 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Instrument :
BNA_F
ClientSampleId :
OK-01-103019

Tgt Ion:244 Resp: 633327

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	15.2	11.8	17.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117679.D
Acq: 1 Nov 2019 14:23

Tgt Ion:264 Resp: 121107

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	20.3	16.1	24.1