Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112507.D
Acq On : 12 Feb 2019 12:55
Operator : JU/SJ
Sample : K1462-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

Quant Time: Feb 13 04:00:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	114408	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	413393	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	168602	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	280387	20.00	ng	0.00
76) Chrysene-d12	14.01	240	259110	20.00	ng	0.00
87) Perylene-d12	15.49	264	185842	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	764070	141.86	ng	0.00
7) Phenol-d6	6.49	99	943550	126.07	ng	0.00
23) Nitrobenzene-d5	7.40	82	564470	78.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	205588	104.76	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1023164	85.83	ng	-0.01
79) Terphenyl-d14	12.94	244	857867	62.36	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	85219	6.505	ng	99
75) Fluoranthene	12.58	202	31277	2.001	ng	97

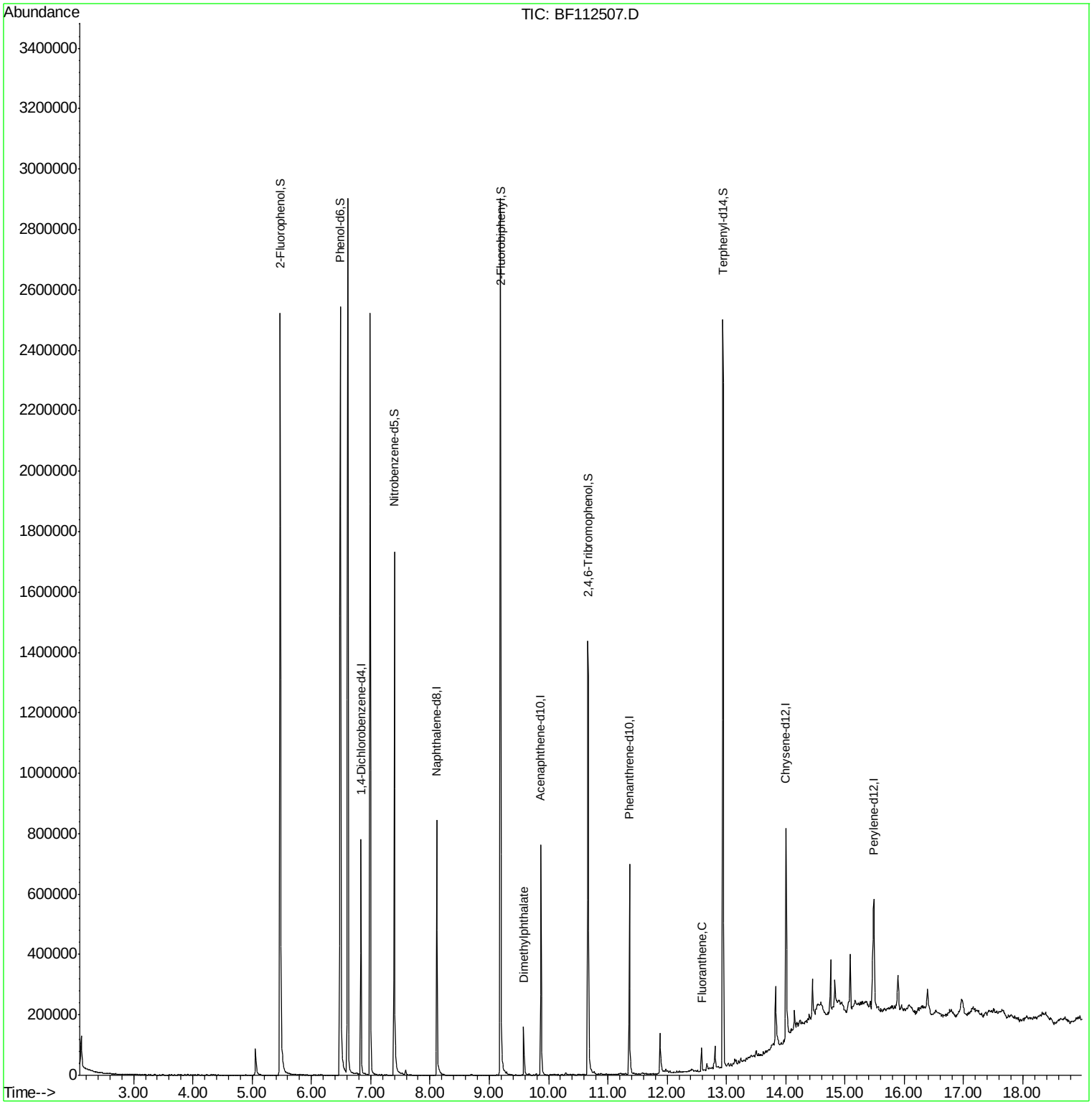
(#) = qualifier out of range (m) = manual integration (+) = signals summed

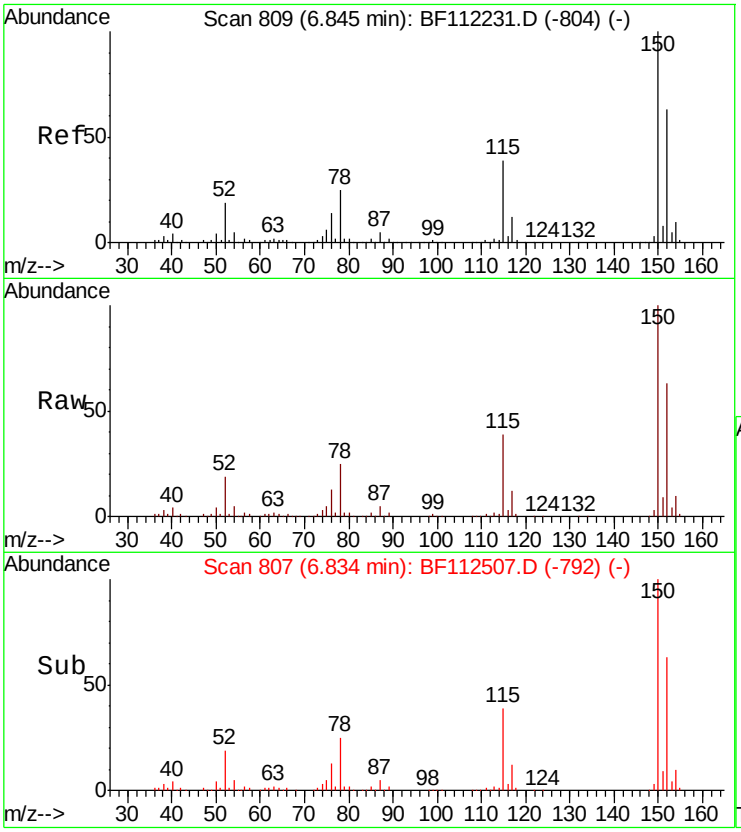
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
Data File : BF112507.D
Acq On : 12 Feb 2019 12:55
Operator : JU/SJ
Sample : K1462-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Quant Time: Feb 13 04:00:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



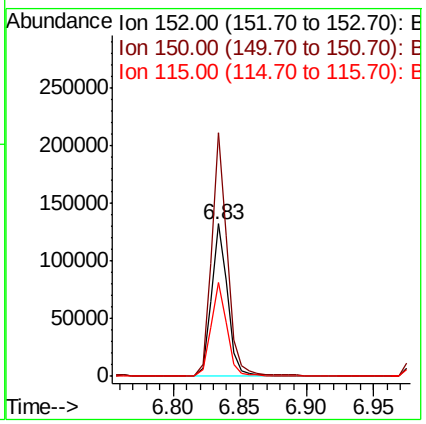


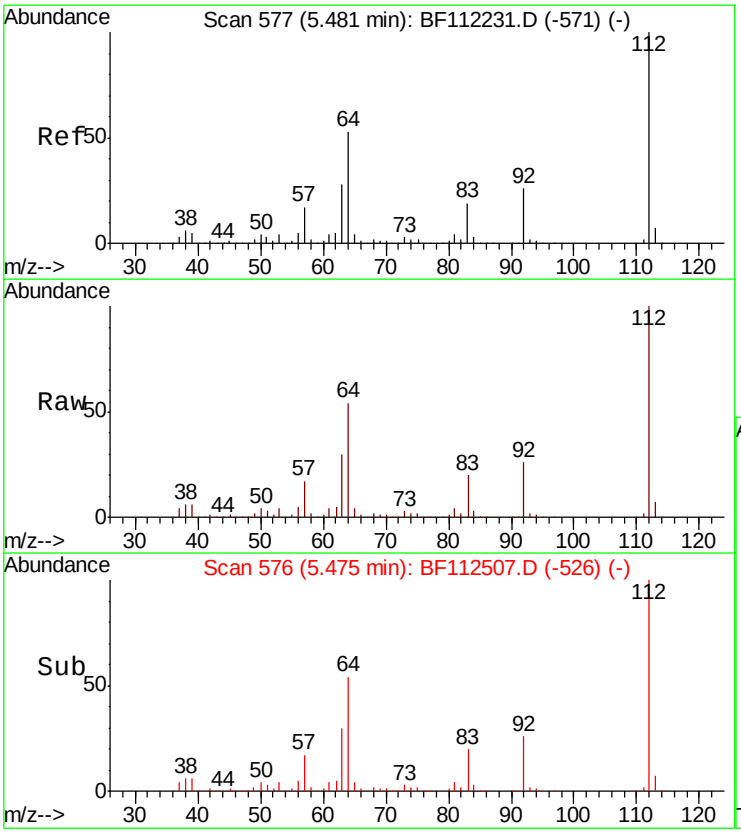
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:152 Resp: 114408

Ion	Ratio	Lower	Upper
152	100		
150	159.7	127.4	191.0
115	61.5	45.5	68.3

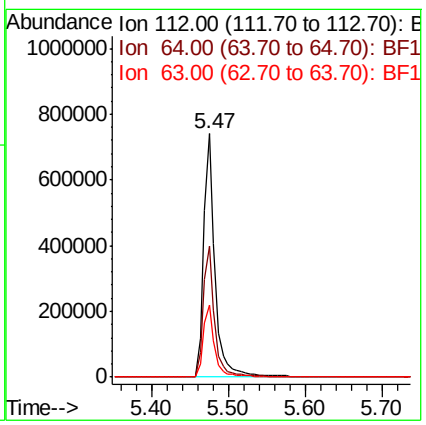


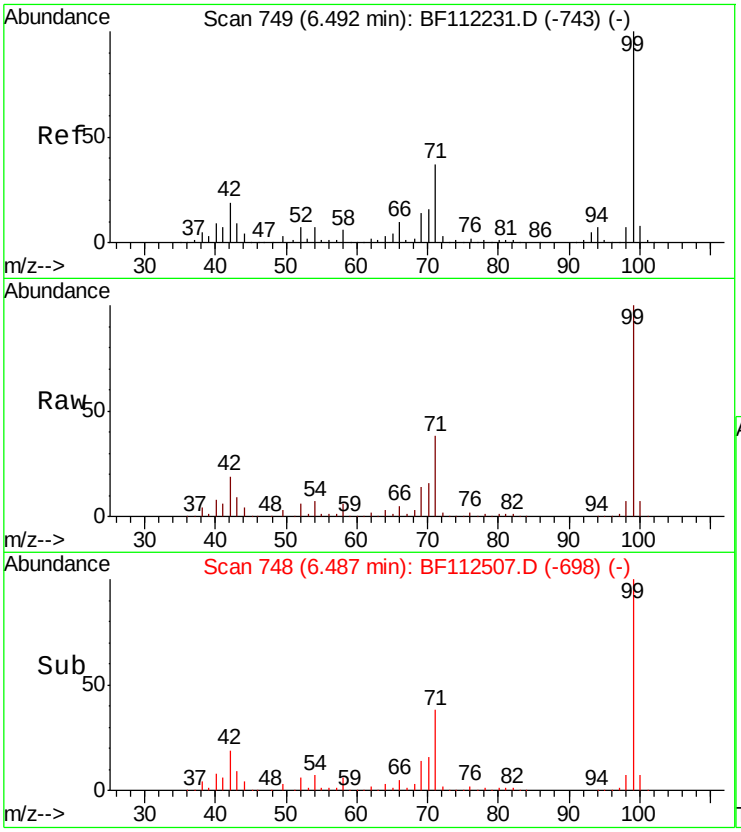


#5
2-Fluorophenol
Concen: 141.855 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Tgt Ion:112 Resp: 764070

Ion	Ratio	Lower	Upper
112	100		
64	54.1	45.7	68.5
63	29.7	23.6	35.4



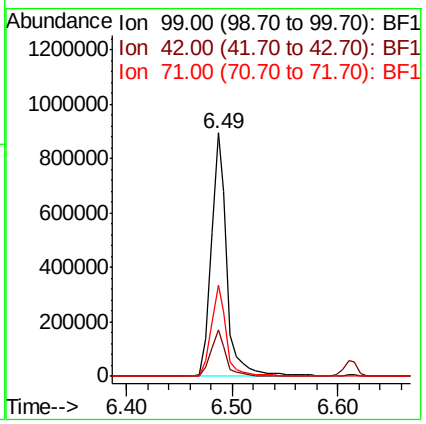


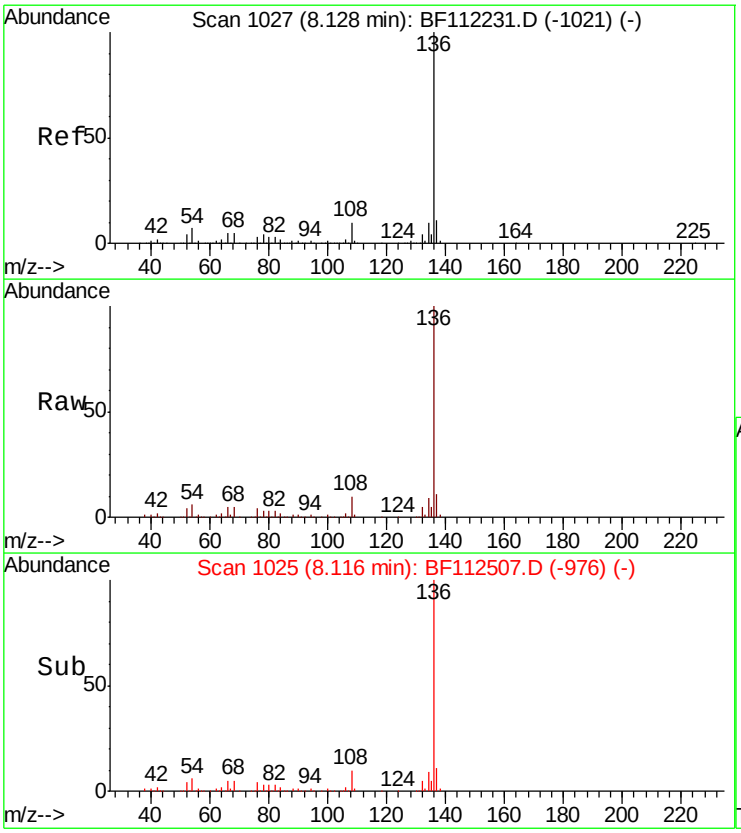
#7
Phenol-d6
Concen: 126.067 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion: 99 Resp: 943550

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.1	22.7
71	37.6	26.9	40.3

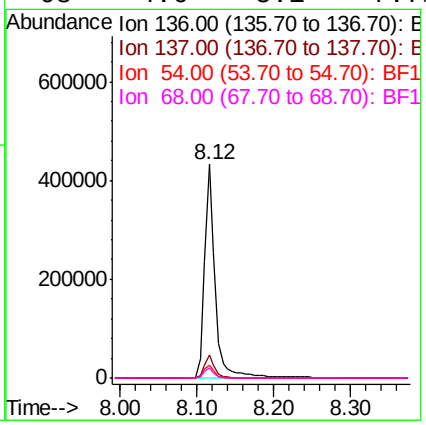


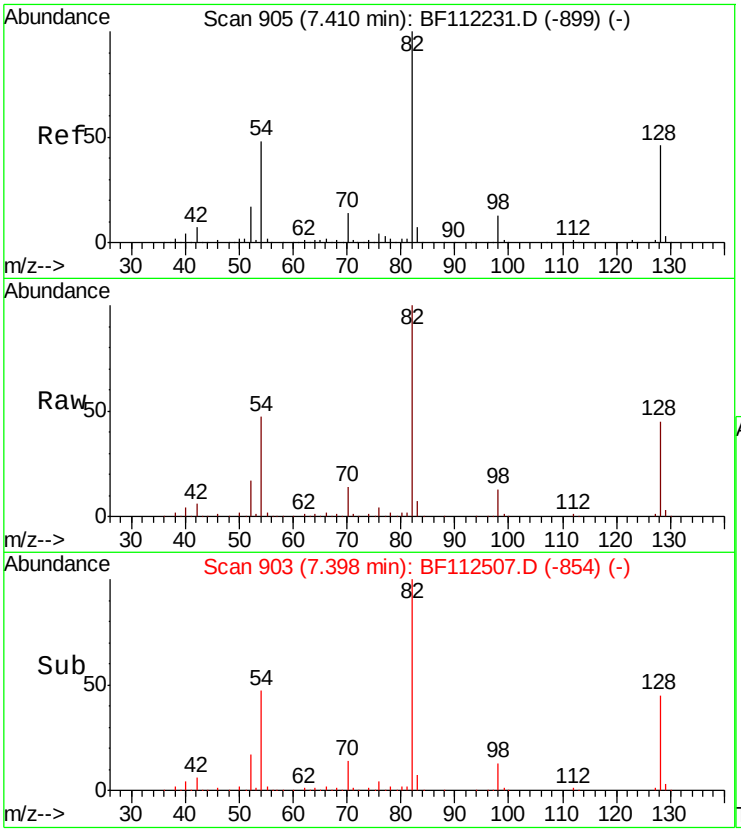


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Tgt Ion:136 Resp: 413393

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.8	5.9	8.9#
68	4.6	5.1	7.7#



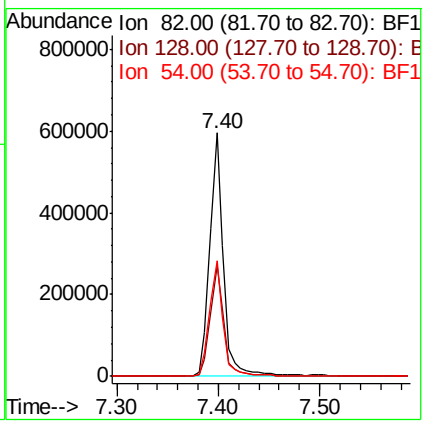


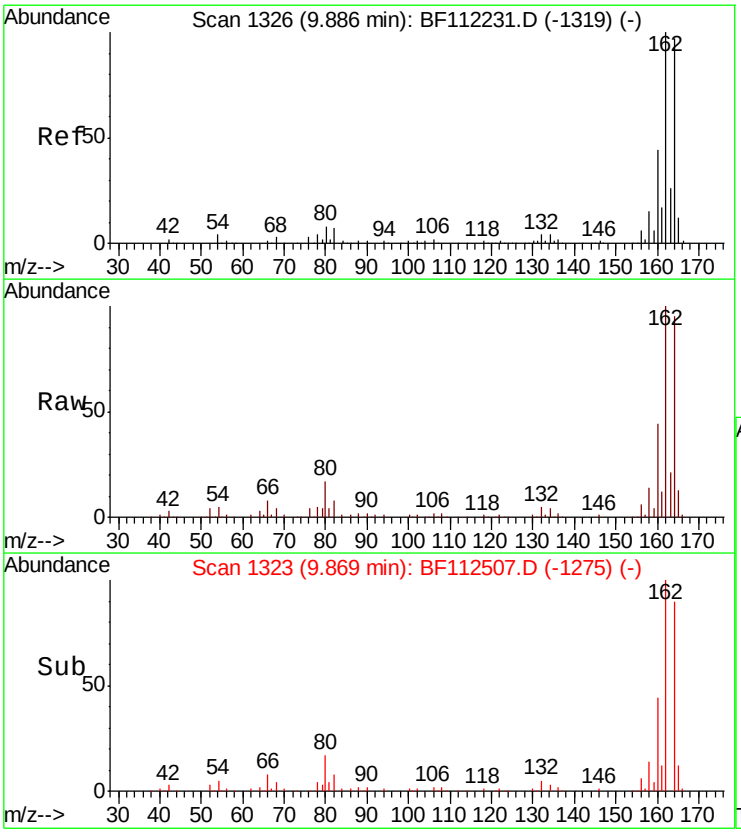
#23
Nitrobenzene-d5
Concen: 78.677 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion: 82 Resp: 564470

Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.8	56.8
54	47.4	39.7	59.5

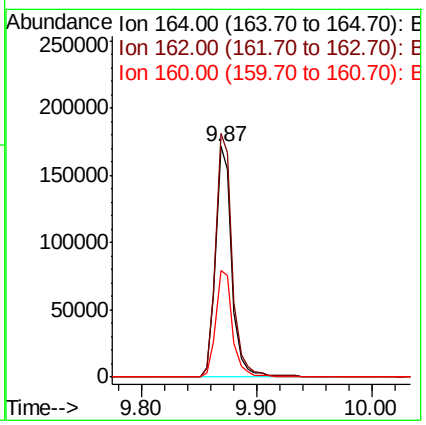


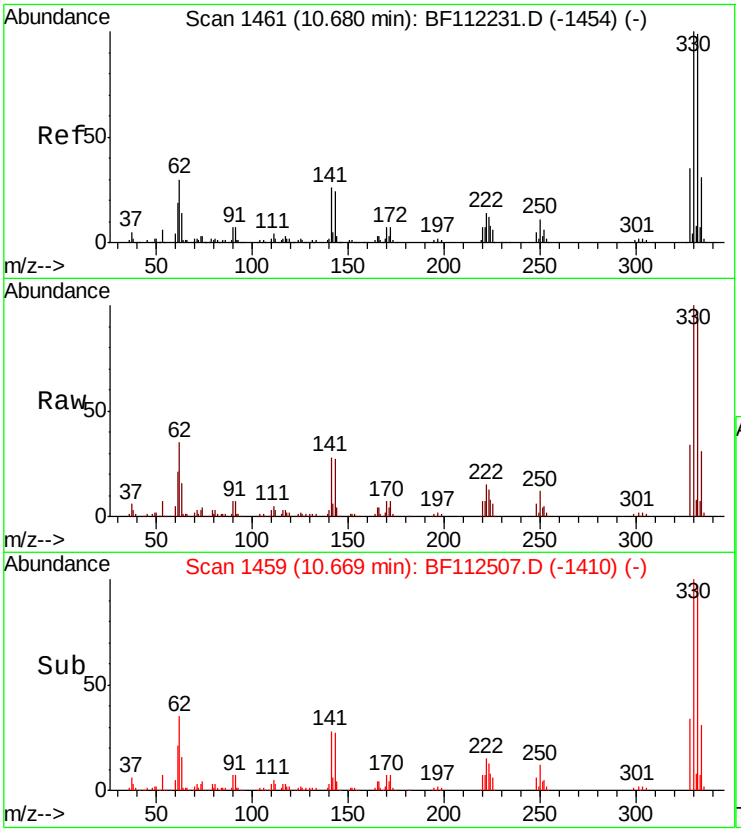


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Tgt Ion:164 Resp: 168602

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.2	123.4
160	46.5	36.2	54.4



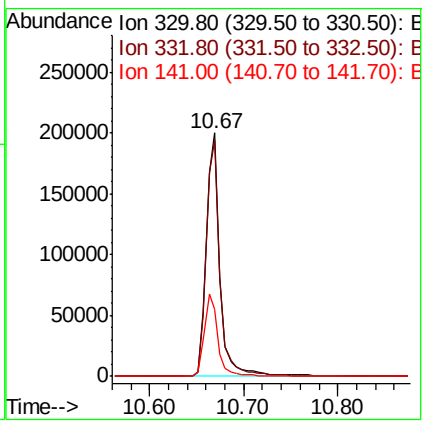


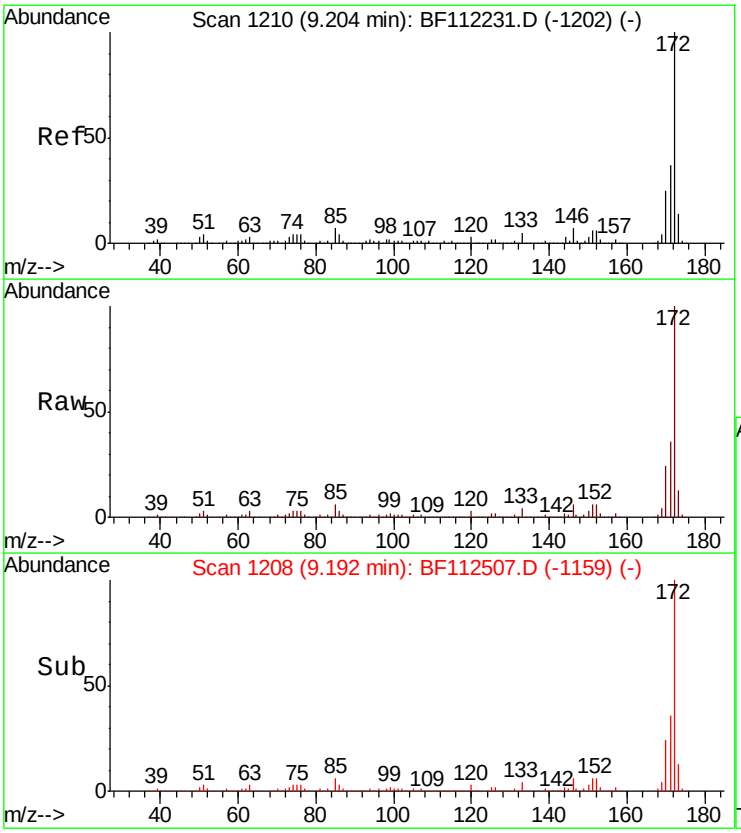
#42
2,4,6-Tribromophenol
Concen: 104.759 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:330 Resp: 205588

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	114.8
141	33.8	24.3	36.5

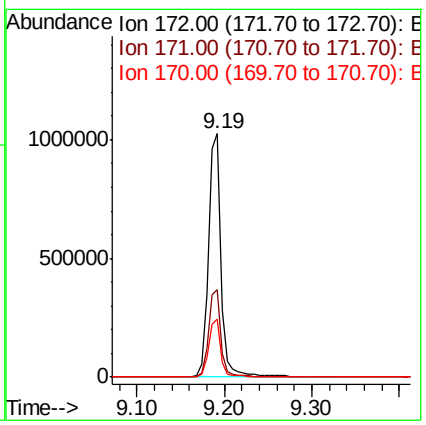


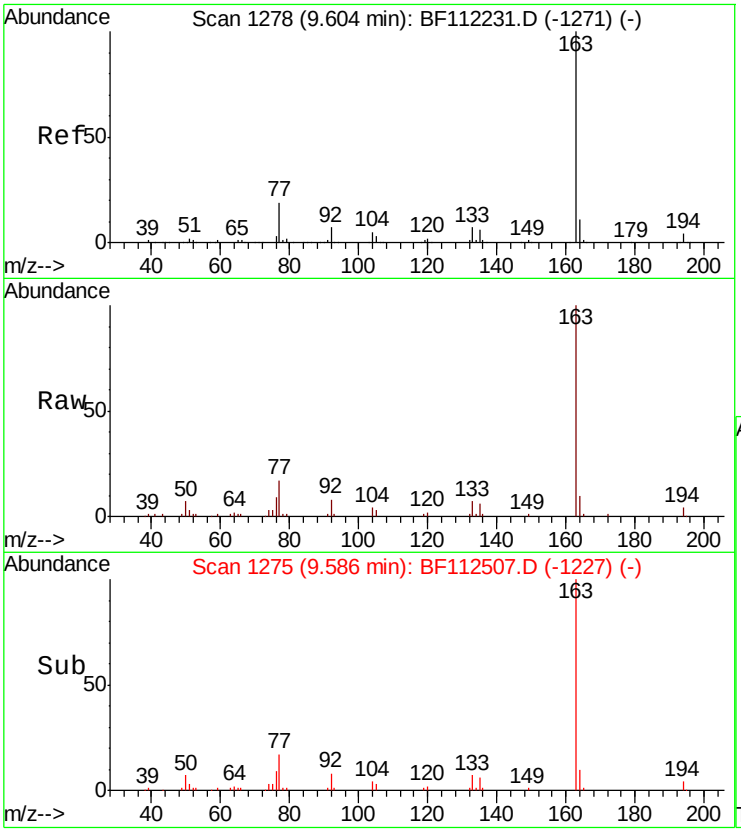


#45
2-Fluorobiphenyl
Concen: 85.829 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Tgt Ion:172 Resp: 1023164

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.8	20.2	30.4

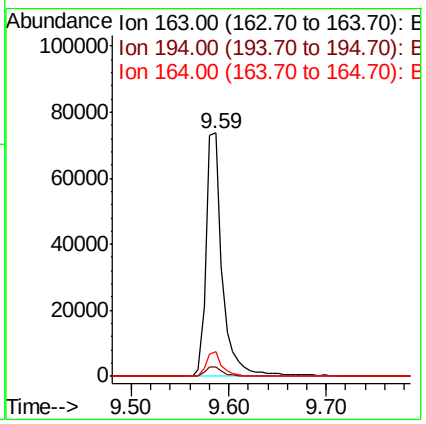




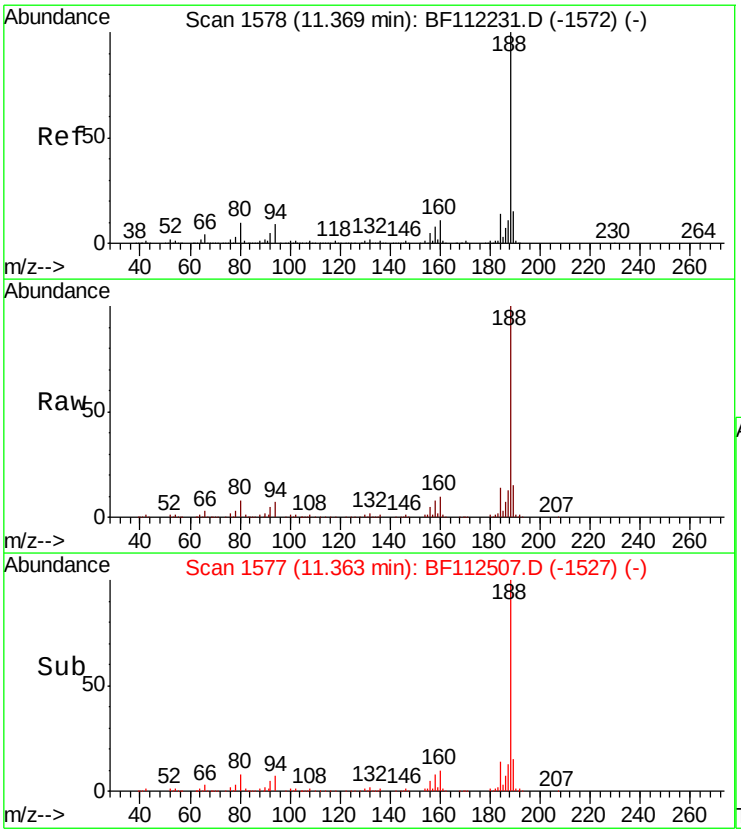
#50
Dimethylphthalate
Concen: 6.505 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Tgt Ion:163 Resp: 85219

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.3	8.5	12.7



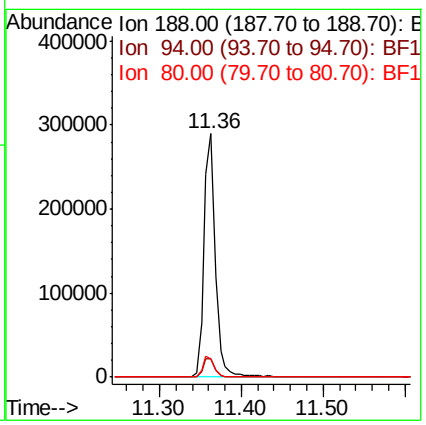
Instrument :
BNA_F
ClientSampleId :
TP-1-S

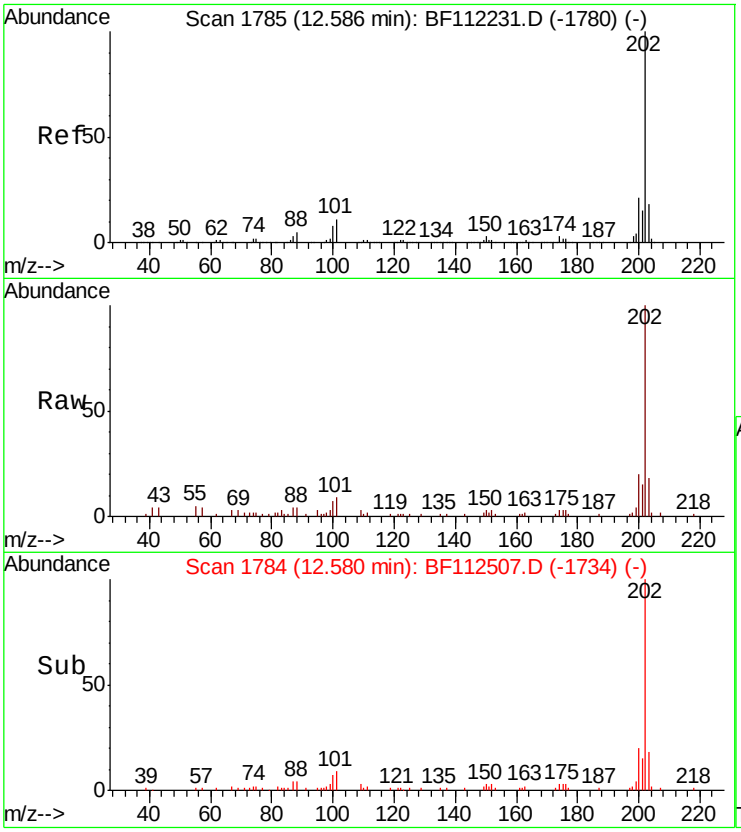


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Tgt Ion:188 Resp: 280387

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.2	12.2#
80	7.7	8.9	13.3#



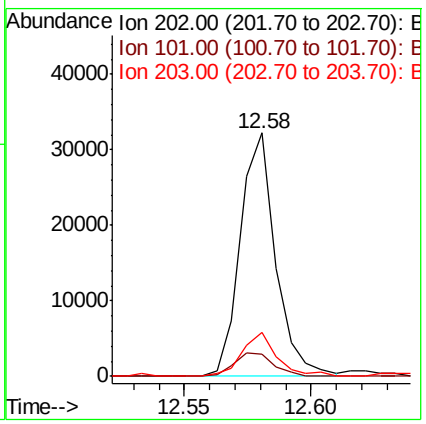


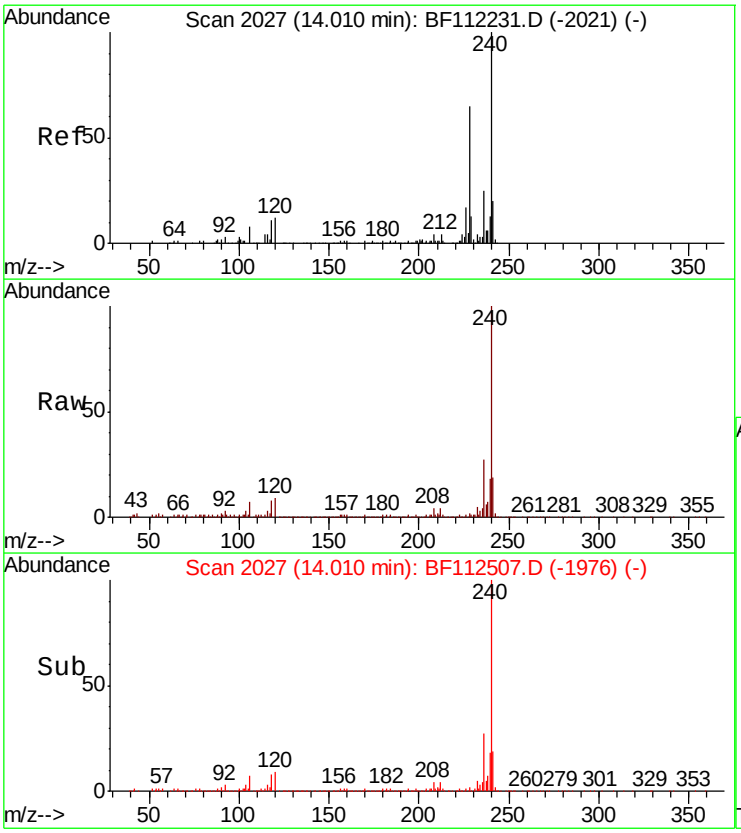
#75
Fluoranthene
Concen: 2.001 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:202 Resp: 31277

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	31.8
203	18.0	0.0	38.4

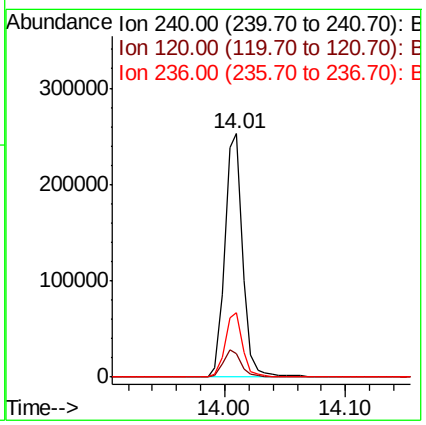


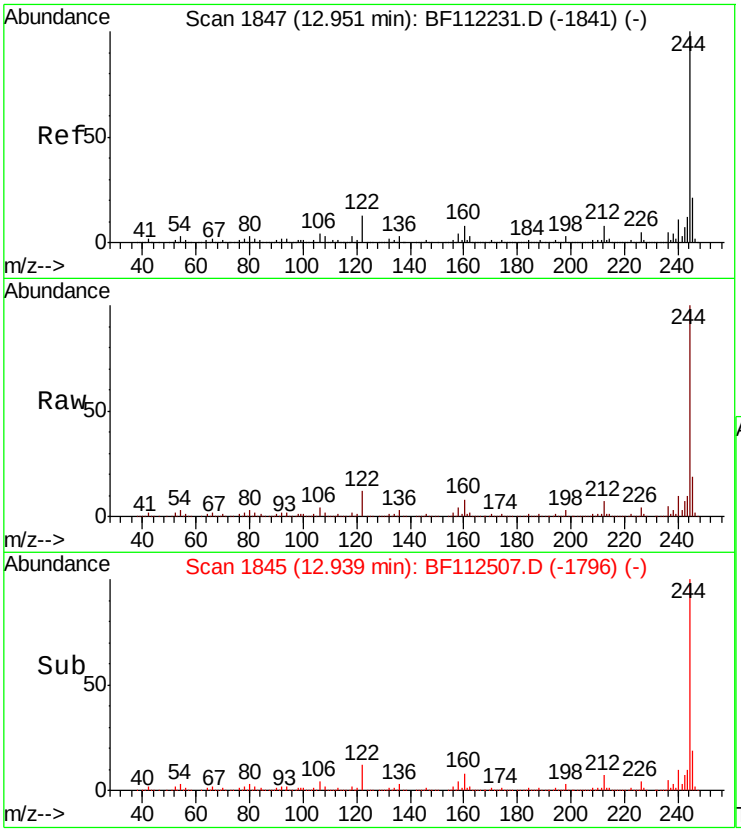


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Tgt Ion:240 Resp: 259110

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.0	13.6
236	26.5	20.7	31.1



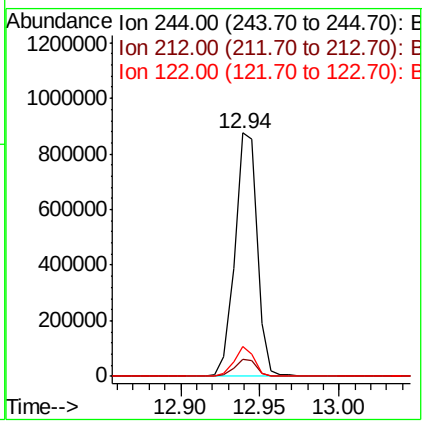


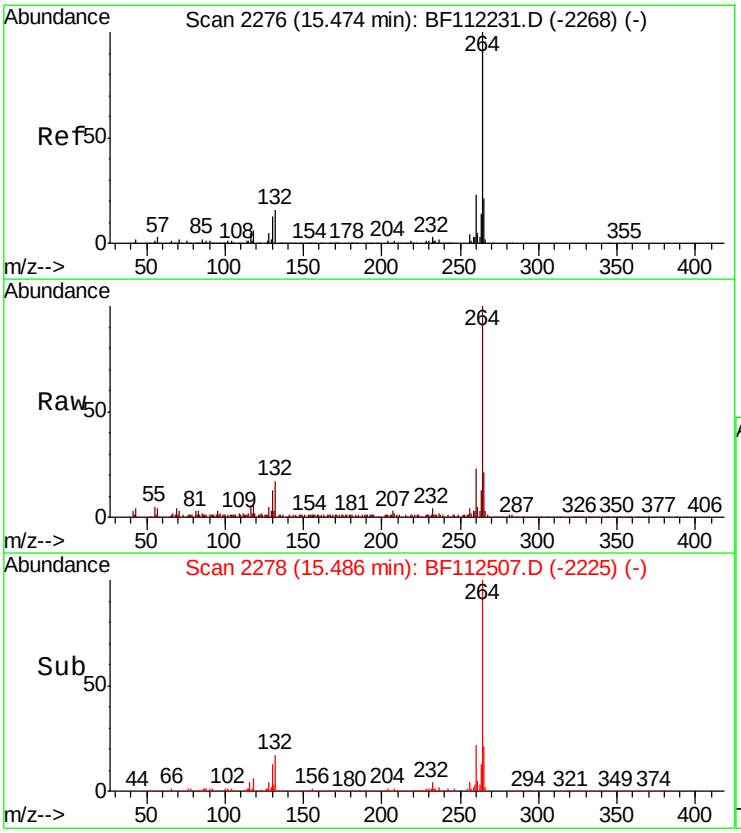
#79
Terphenyl-d14
Concen: 62.358 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:244 Resp: 857867

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	12.3	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Tgt Ion:264 Resp: 185842

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	21.1	17.0	25.4