Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042619\
Data File : BF114012.D
Acq On : 26 Apr 2019 16:23
Operator : JU/SJ
Sample : K2571-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 114-PENNINGTON

Quant Time: Apr 29 05:32:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	124583	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	479907	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	258326	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	506121	20.00	ng	0.00
76) Chrysene-d12	14.06	240	407477	20.00	ng	-0.01
87) Perylene-d12	15.55	264	361876	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	678078	93.09	ng	0.00
7) Phenol-d6	6.52	99	891149	97.51	ng	0.00
23) Nitrobenzene-d5	7.45	82	534475	68.76	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	274337	87.18	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1124651	68.09	ng	0.00
79) Terphenyl-d14	13.00	244	1355859	68.22	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.64	163	126537	6.773	ng	99
75) Fluoranthene	12.63	202	66552	2.398	ng	94

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

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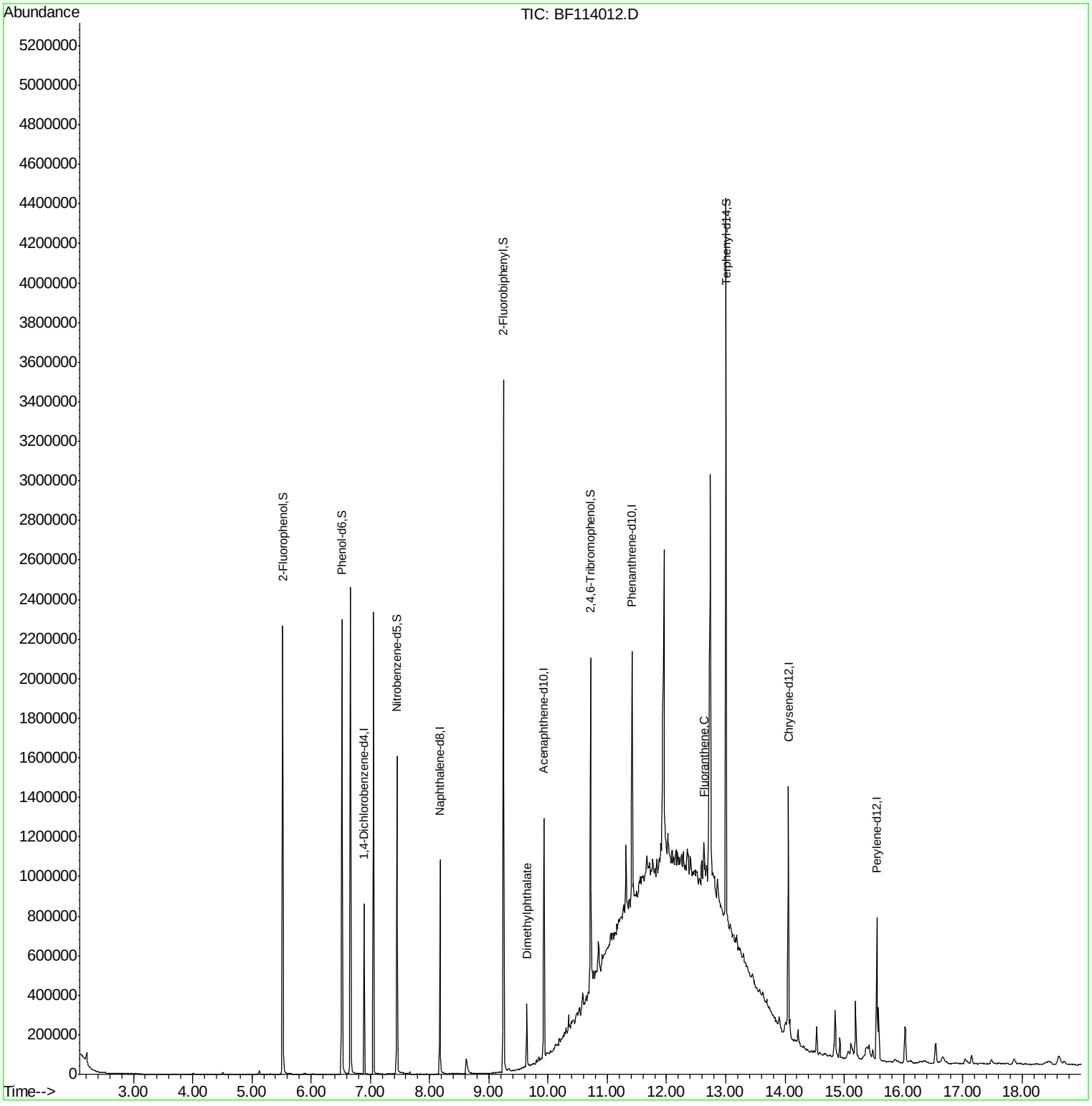
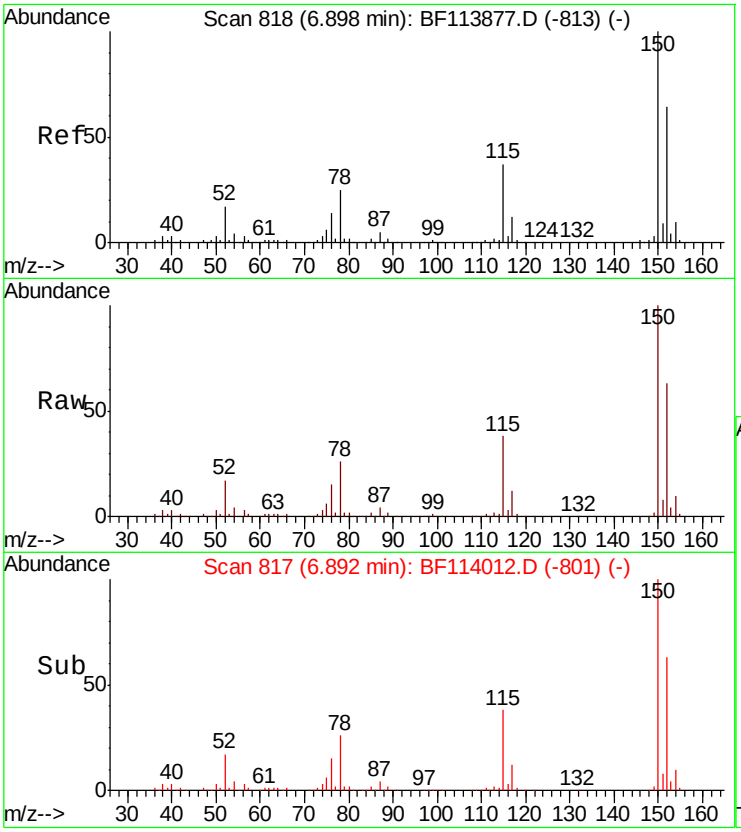


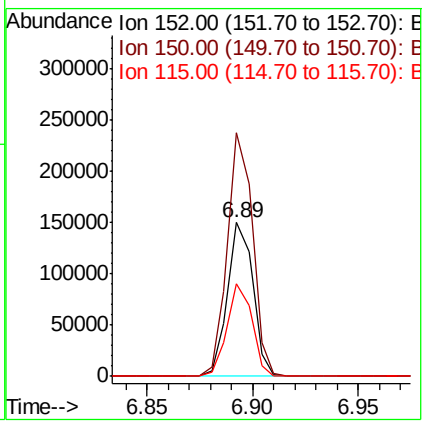


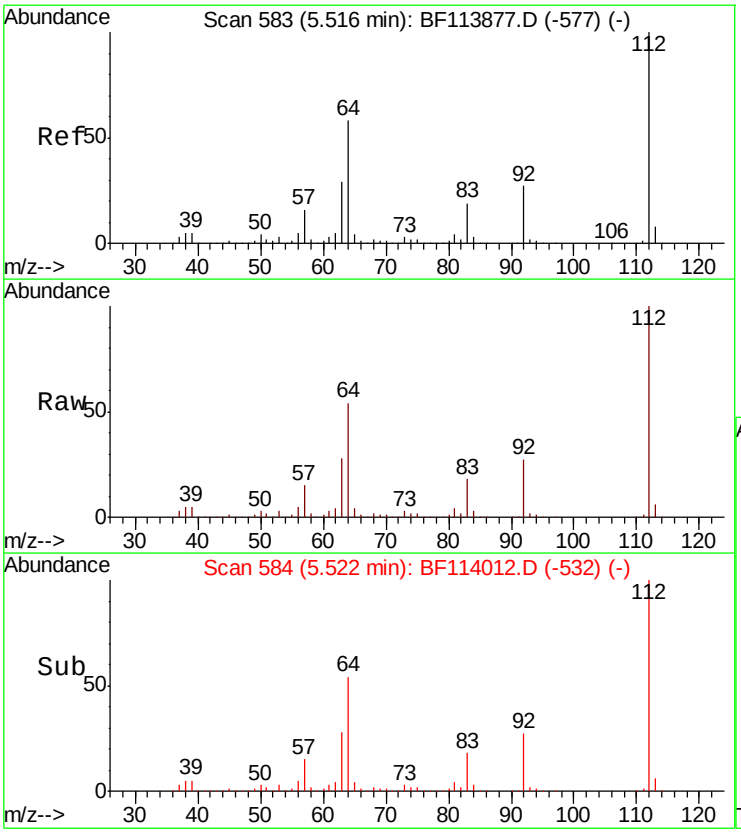
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTON

Tgt Ion:152 Resp: 124583

Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.9	188.9
115	60.2	45.9	68.9

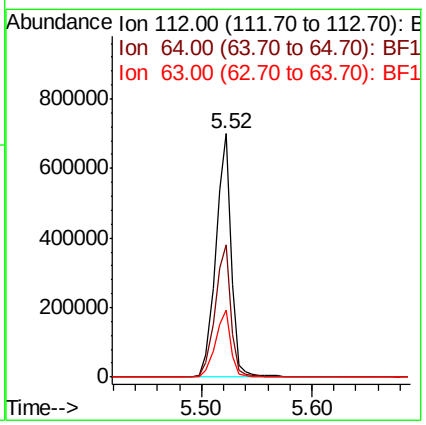


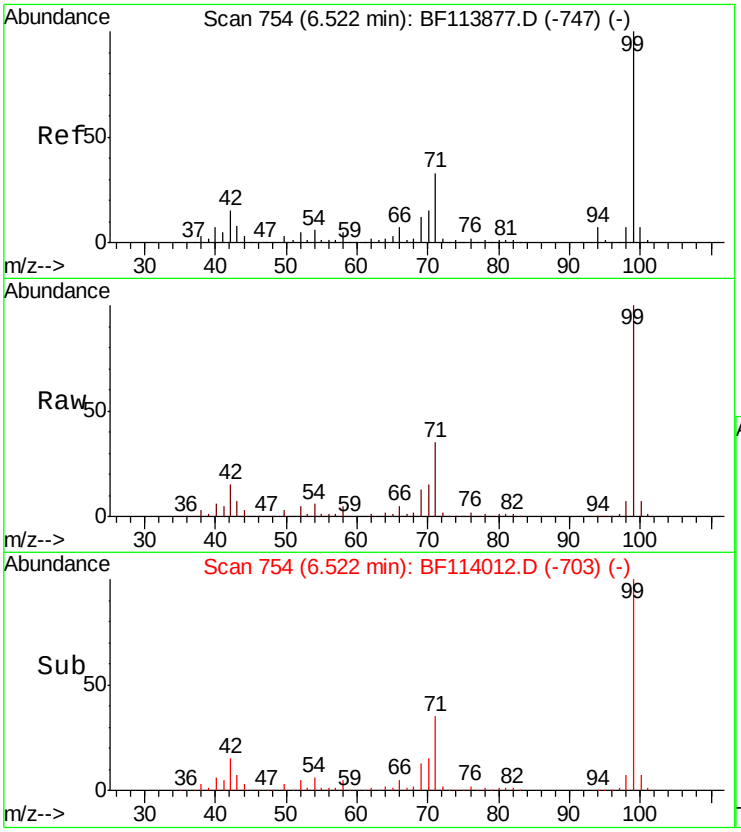


#5
2-Fluorophenol
Concen: 93.091 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Tgt Ion:112 Resp: 678078

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.6	69.8
63	27.7	23.1	34.7



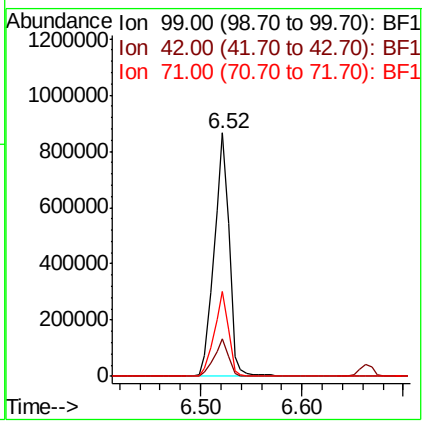


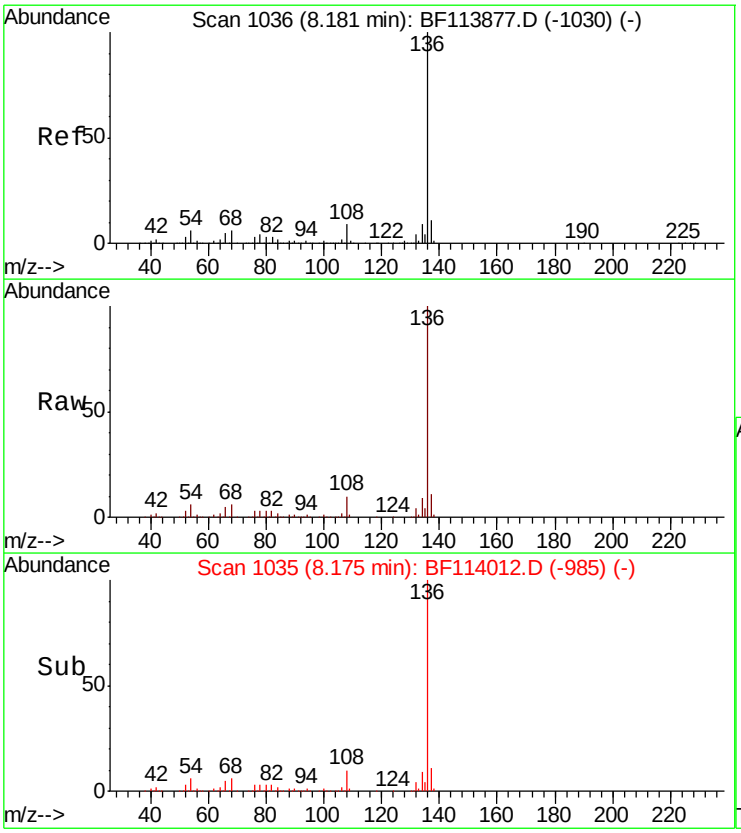
#7
Phenol-d6
Concen: 97.514 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTON

Tgt Ion: 99 Resp: 891149

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.5	18.7
71	34.8	26.9	40.3

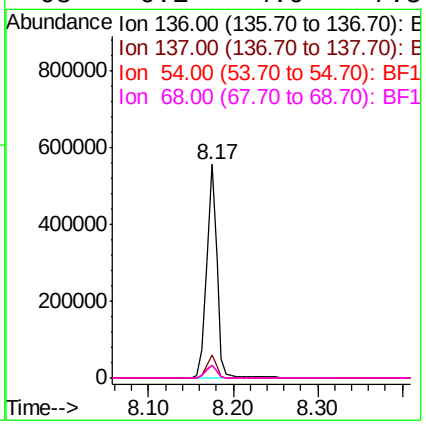


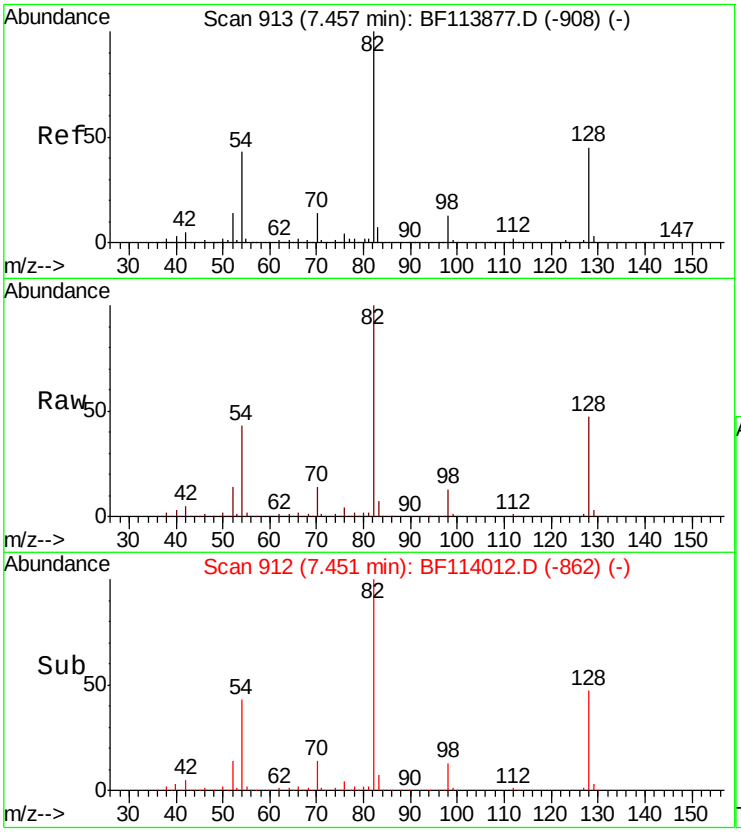


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Tgt Ion:136 Resp: 479907

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	6.3	5.0	7.6
68	6.1	4.9	7.3



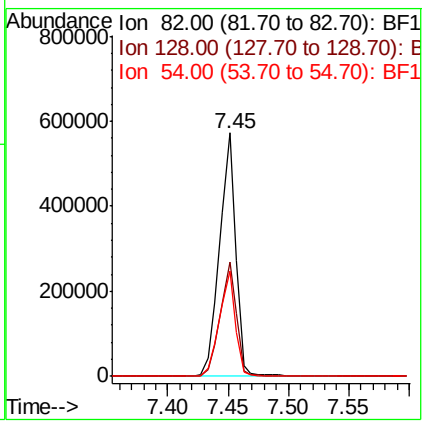


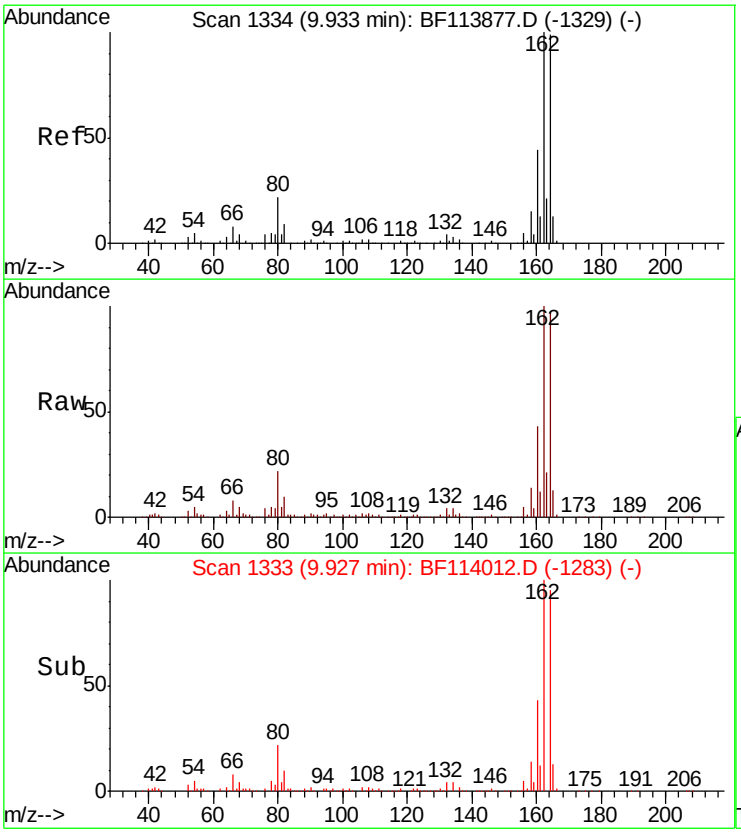
#23
Nitrobenzene-d5
Concen: 68.765 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTON

Tgt Ion: 82 Resp: 534475

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.8	55.2
54	43.2	33.8	50.6

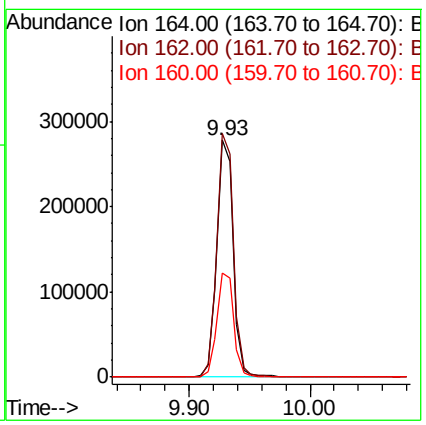


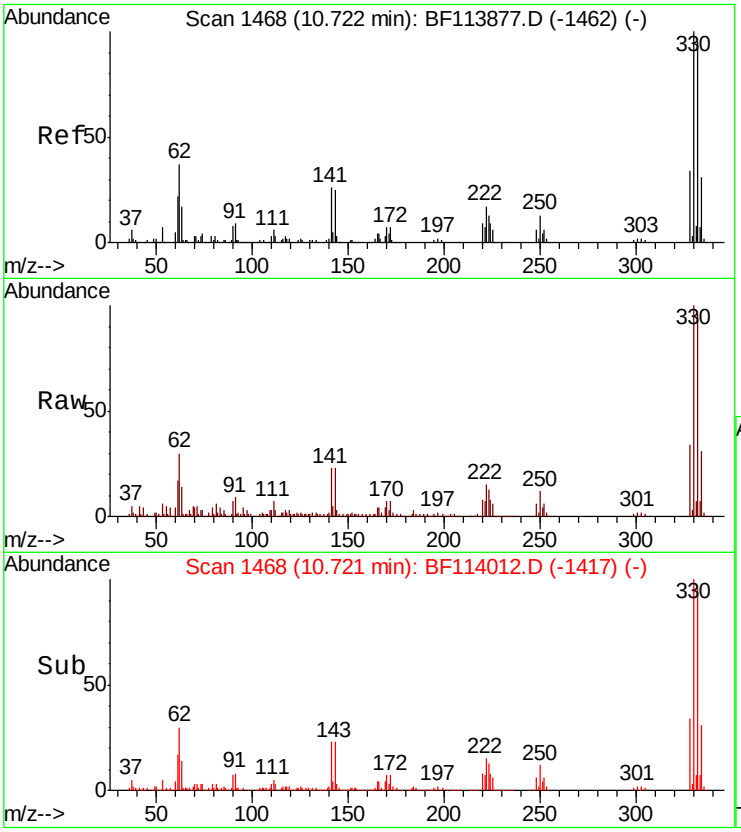


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Tgt Ion:164 Resp: 258326

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.1	121.7
160	43.9	35.8	53.6



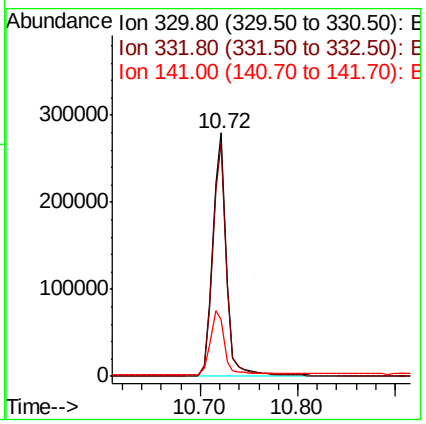


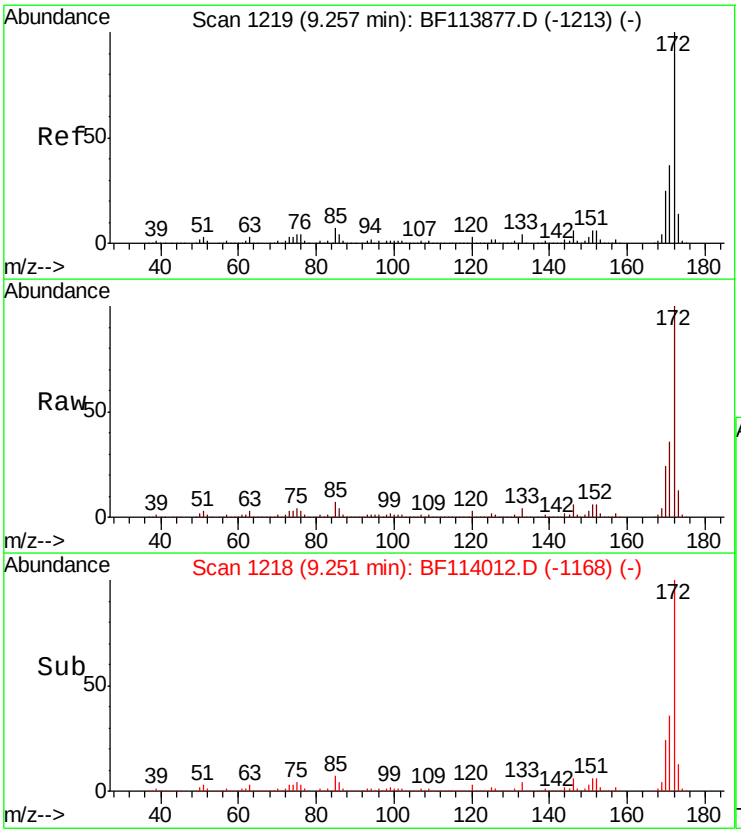
#42
2,4,6-Tribromophenol
Concen: 87.176 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTON

Tgt Ion:330 Resp: 274337

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.5	116.3
141	29.0	22.2	33.2

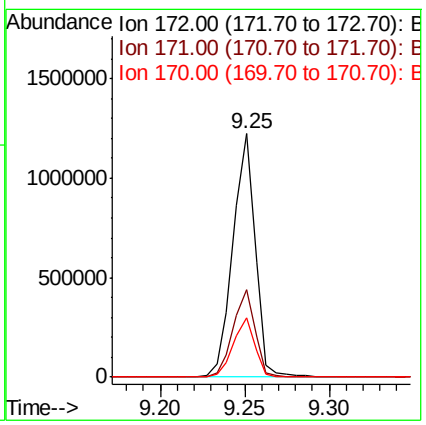


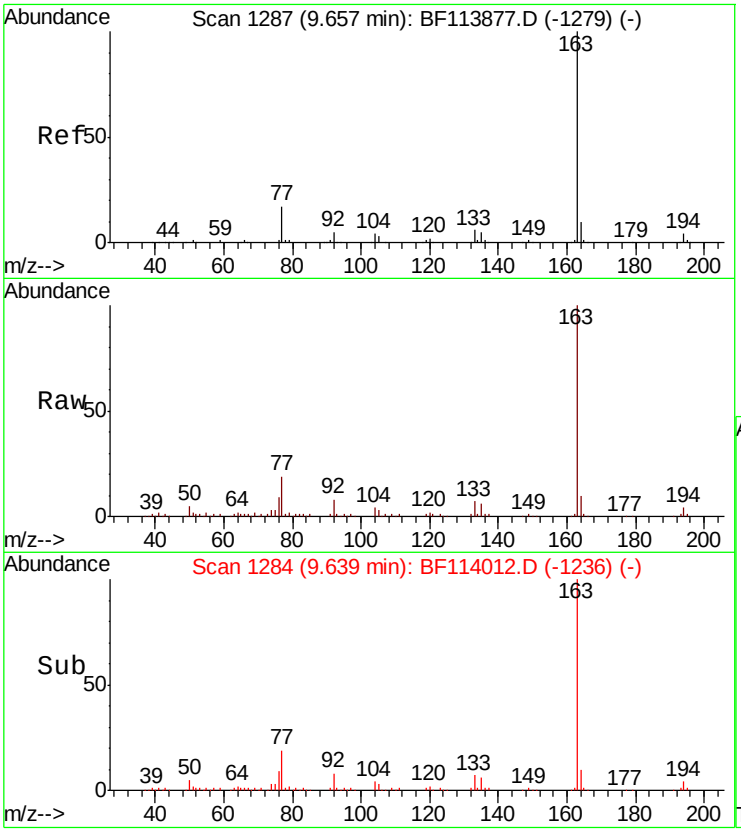


#45
2-Fluorobiphenyl
Concen: 68.092 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Tgt Ion:172 Resp: 1124651

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.2	19.9	29.9



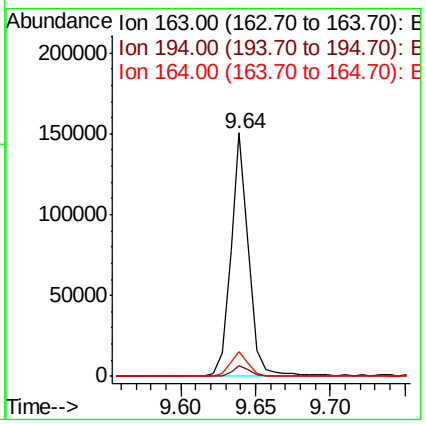


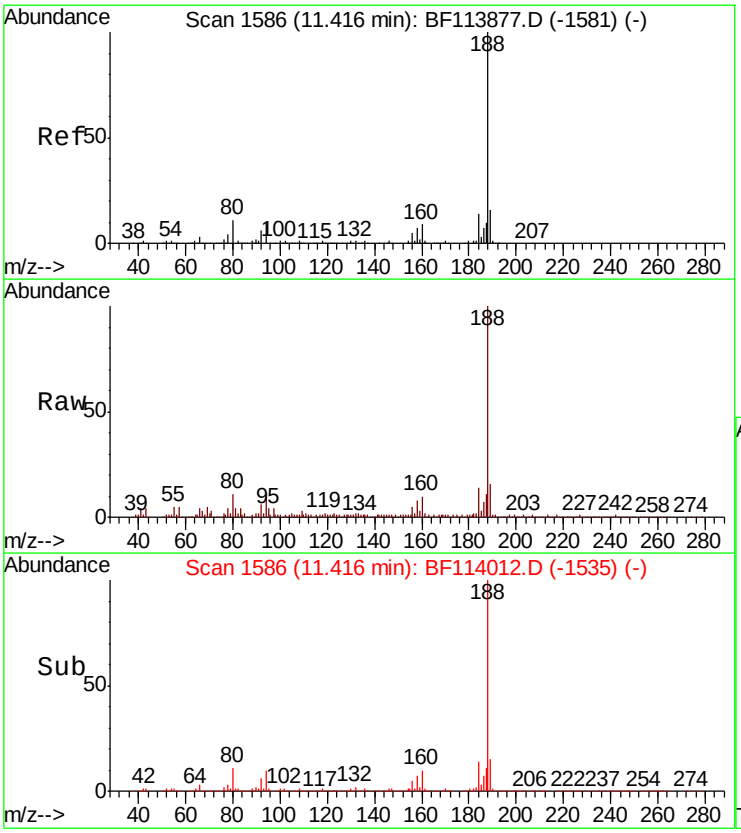
#50
Dimethylphthalate
Concen: 6.773 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTON

Tgt Ion:163 Resp: 126537

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.0	8.5	12.7

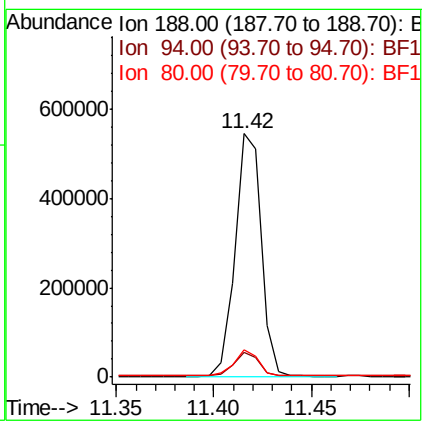


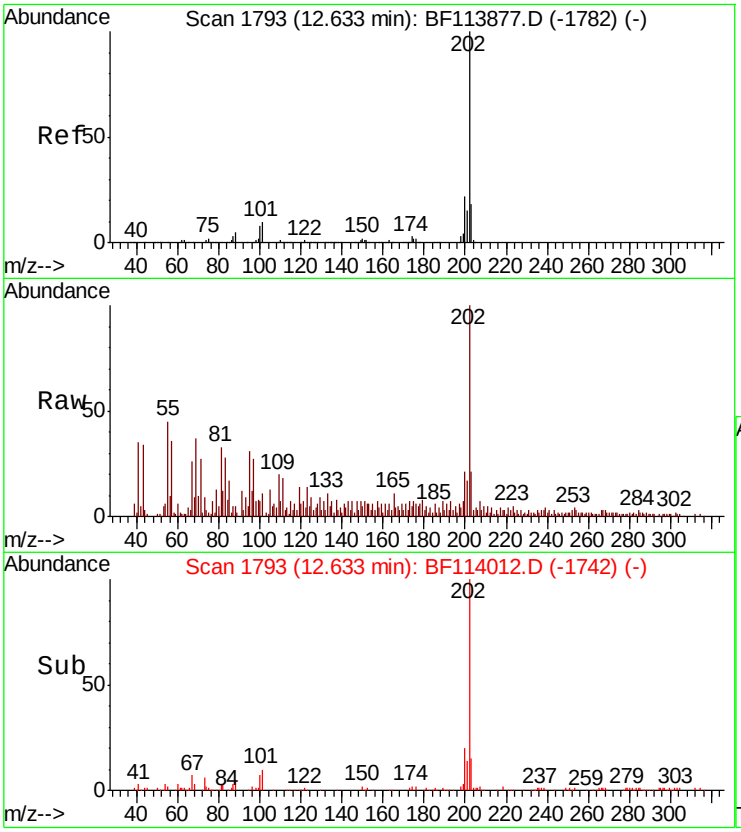


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Tgt Ion:188 Resp: 506121

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.4
80	11.2	9.0	13.6



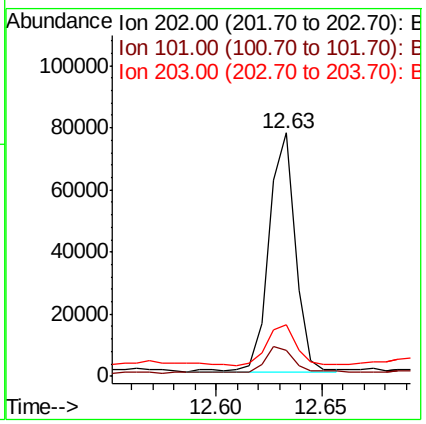


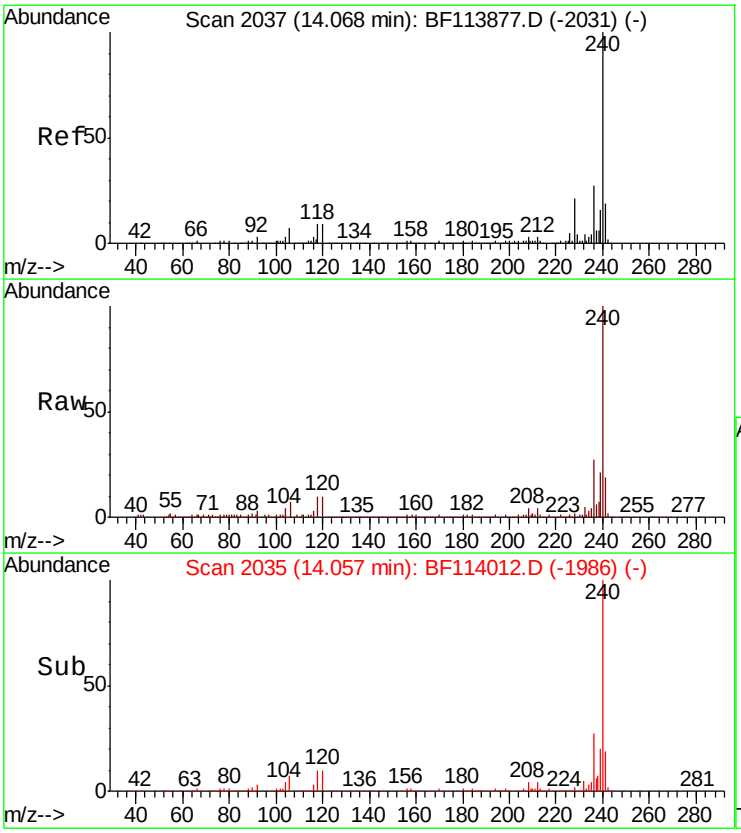
#75
Fluoranthene
Concen: 2.398 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTON

Tgt Ion:202 Resp: 66552

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	32.9
203	21.1	0.0	38.2

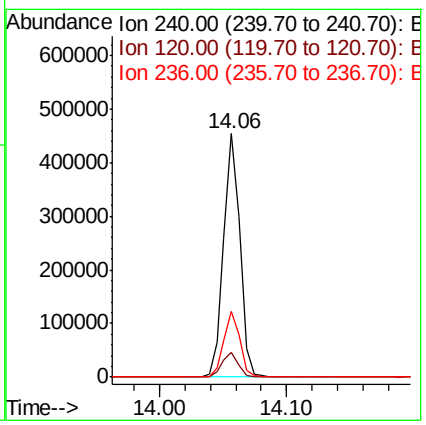


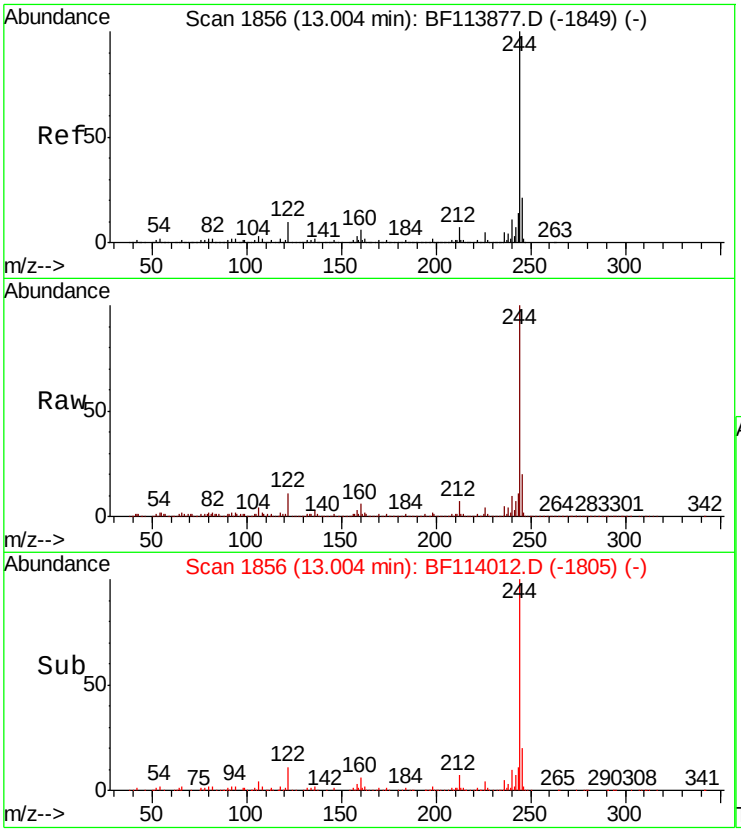


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Tgt Ion:240 Resp: 407477

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.3	13.9
236	26.8	21.2	31.8



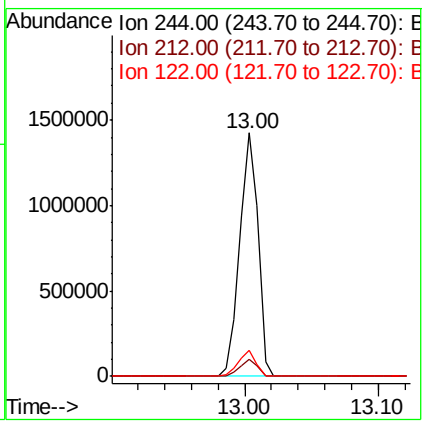


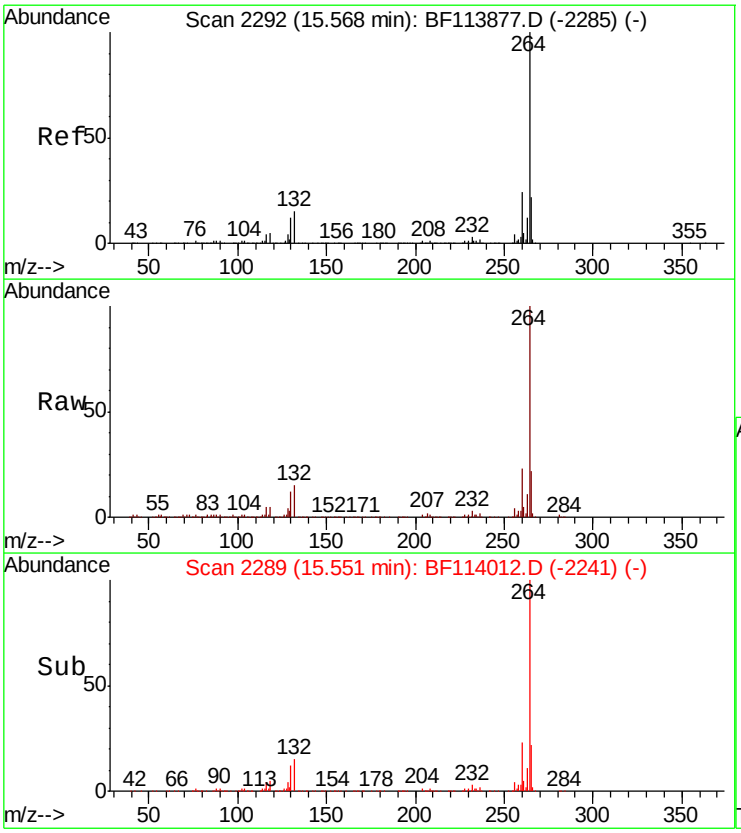
#79
Terphenyl-d14
Concen: 68.217 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.00 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Instrument :
BNA_F
ClientSampleId :
114-PENNINGTON

Tgt Ion:244 Resp: 1355859

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	10.7	7.6	11.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.02 min
Lab File: BF114012.D
Acq: 26 Apr 2019 16:23

Tgt Ion:264 Resp: 361876

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	22.0	17.3	25.9