Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
Data File : BF117936.D
Acq On : 22 Nov 2019 23:35
Operator : JU
Sample : K5839-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHIPPS-BH-NW-03

Quant Time: Nov 23 03:58:15 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	6.90	152	177388	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	803622	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	448953	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	891215	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	563942	20.00	ng	-0.02
87) Perylene-d12	15.60	264	502913	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1290632	128.79	ng	0.00
7) Phenol-d6	6.53	99	1473346	121.89	ng	-0.02
23) Nitrobenzene-d5	7.46	82	957186	70.81	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	613096	128.99	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	2134475	85.29	ng	-0.02
79) Terphenyl-d14	13.04	244	2383931	77.26	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.54	94	48097	3.829	ng	98
50) Dimethylphthalate	9.66	163	200532	6.370	ng	98

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

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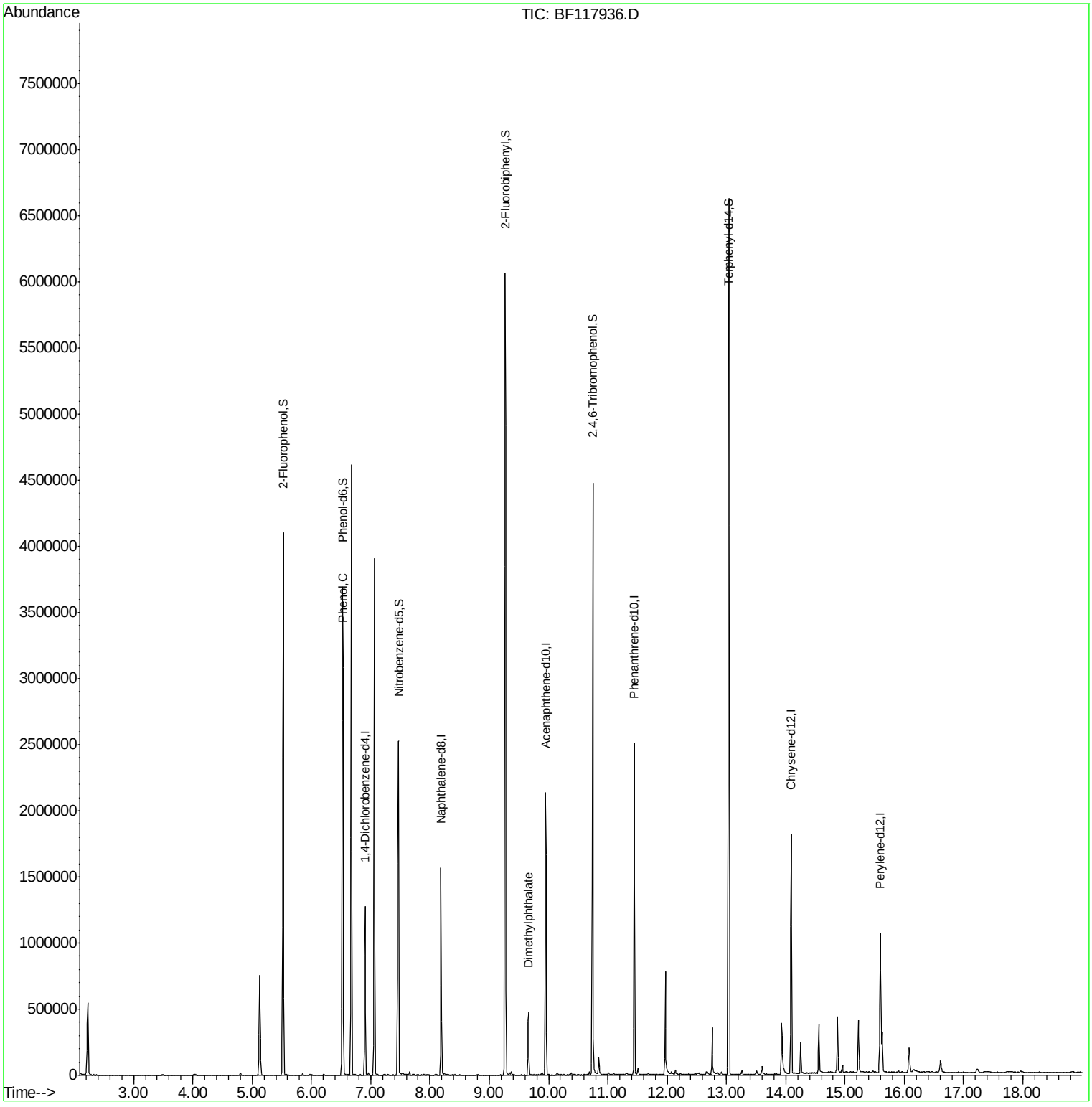
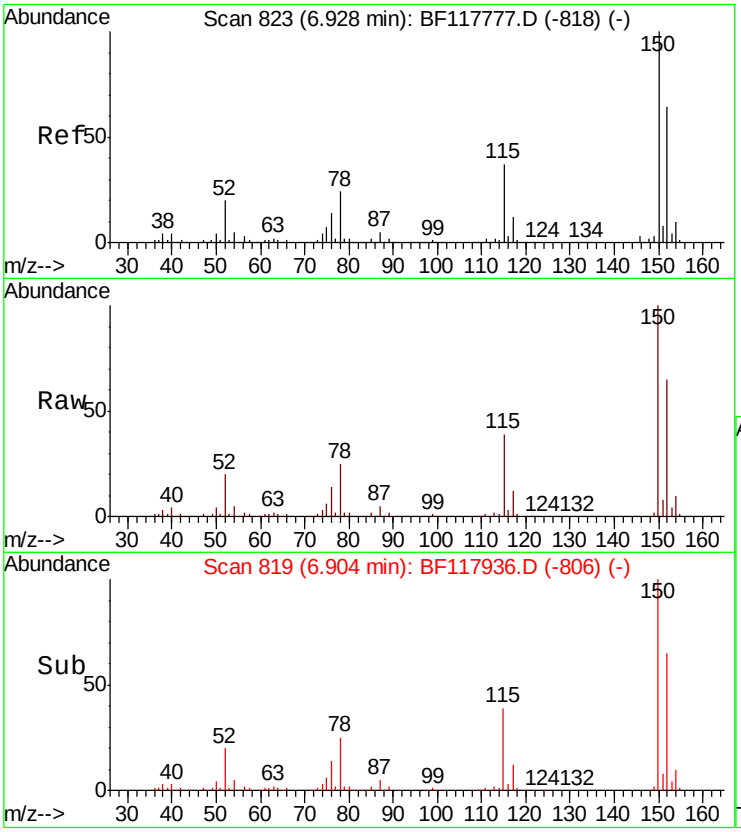


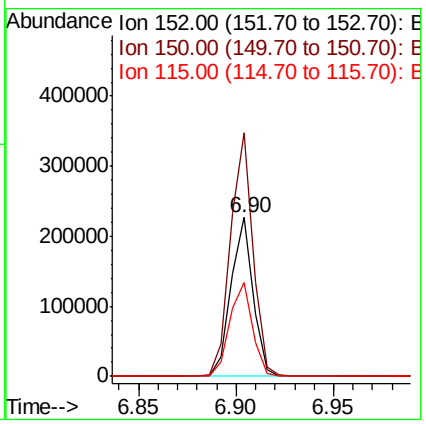


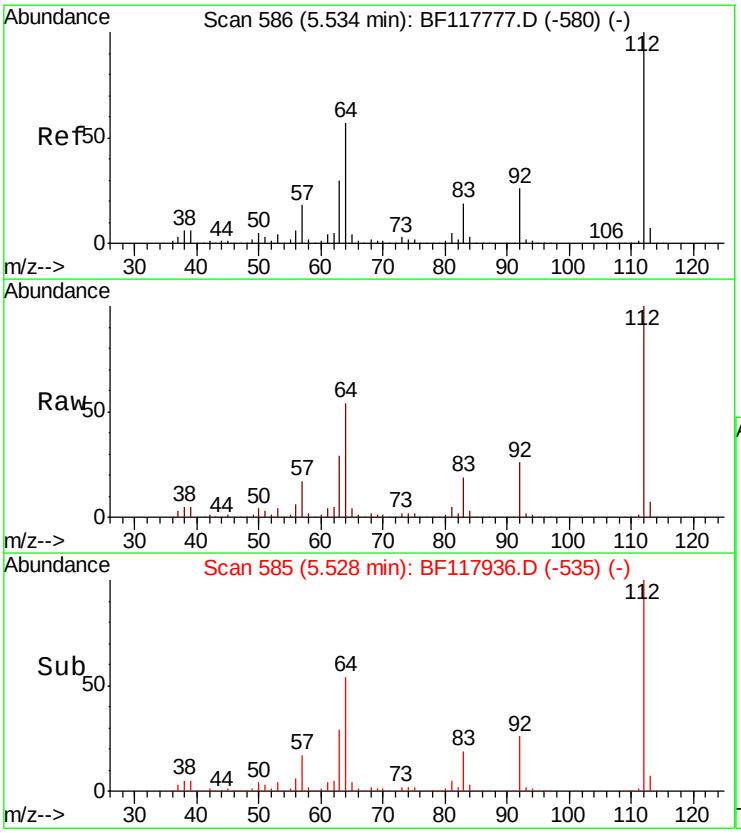
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NW-03

Tgt Ion:152 Resp: 177388

Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.3	187.9
115	59.5	47.0	70.4

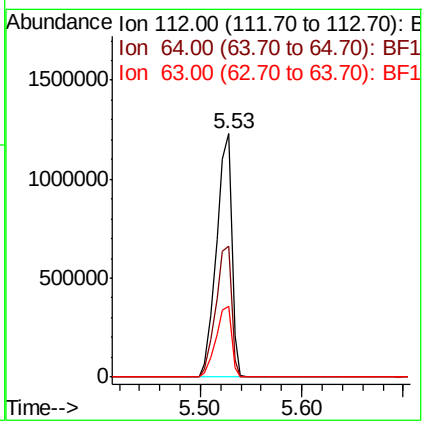


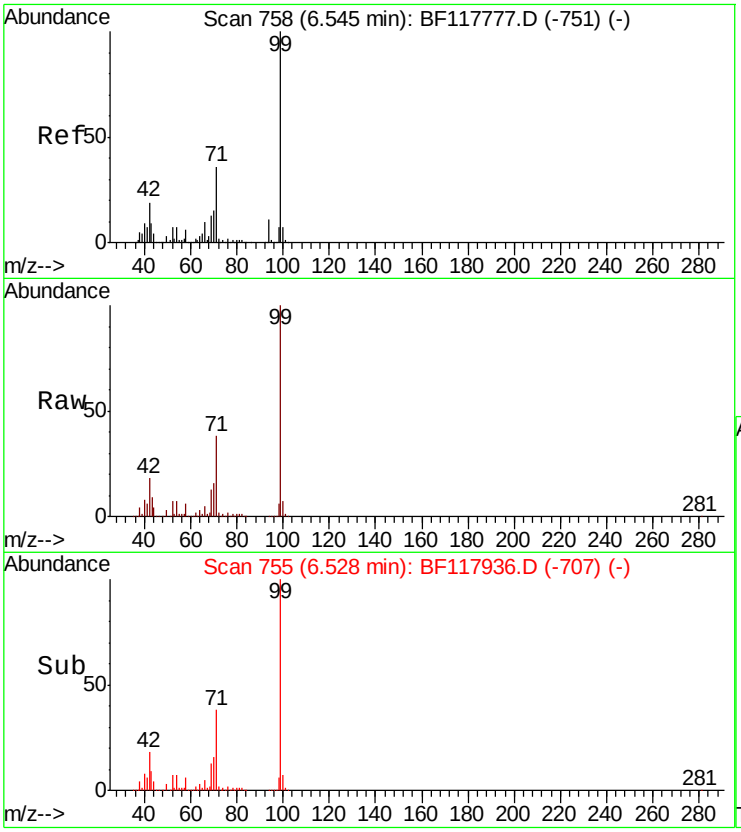


#5
2-Fluorophenol
Concen: 128.789 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Tgt Ion:112 Resp: 1290632

Ion	Ratio	Lower	Upper
112	100		
64	53.7	45.6	68.4
63	28.9	24.1	36.1



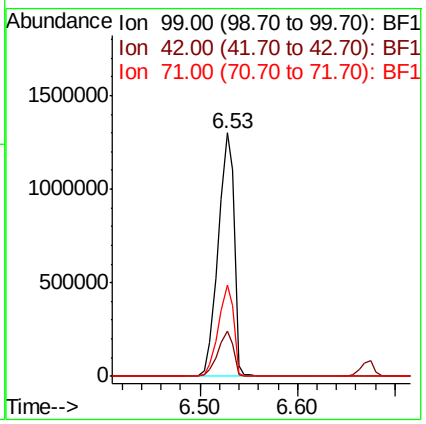


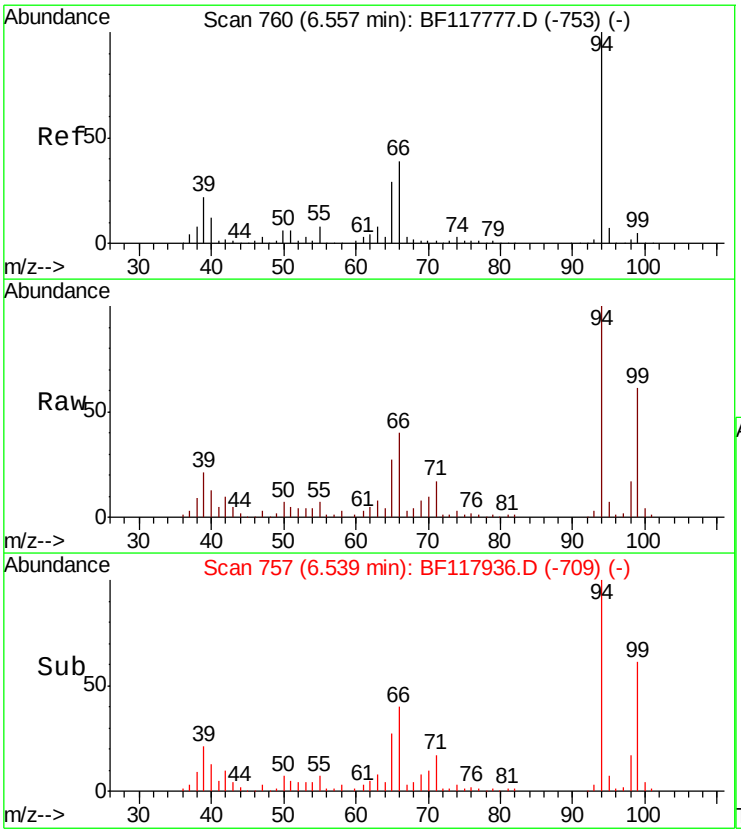
#7
Phenol-d6
Concen: 121.892 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NW-03

Tgt Ion: 99 Resp: 1473346

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.9	22.3
71	37.5	28.6	43.0

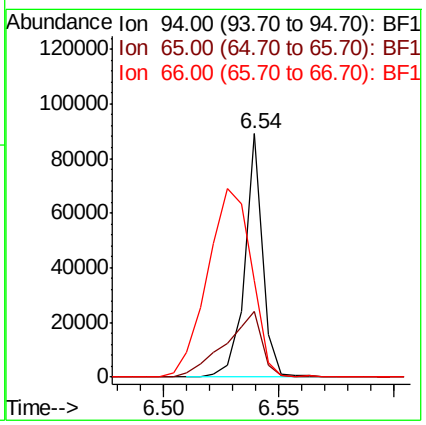


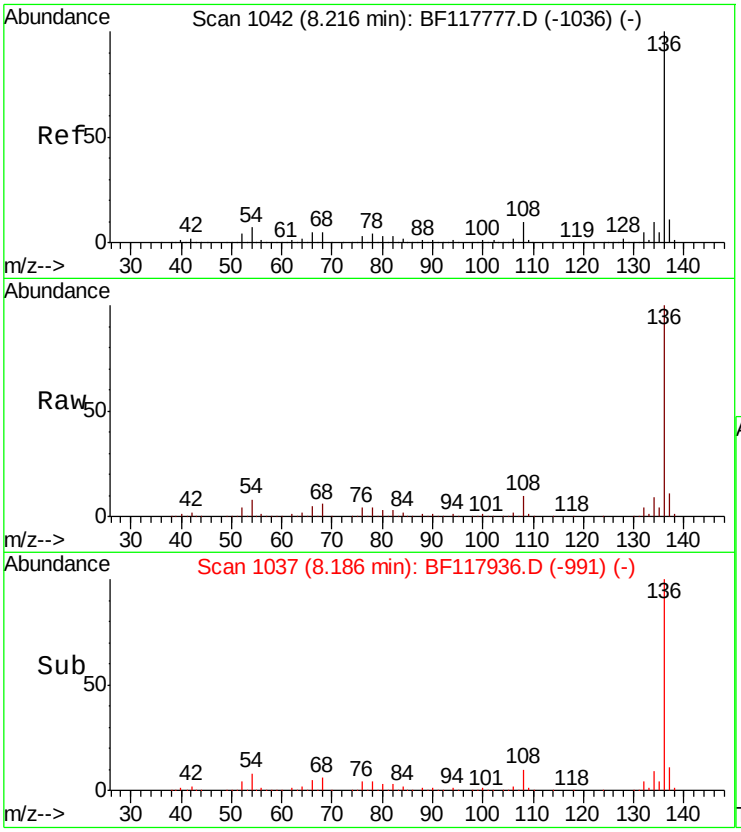


#10
Phenol
Concen: 3.829 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Tgt Ion: 94 Resp: 48097

Ion	Ratio	Lower	Upper
94	100		
65	27.0	8.9	48.9
66	39.7	18.7	58.7



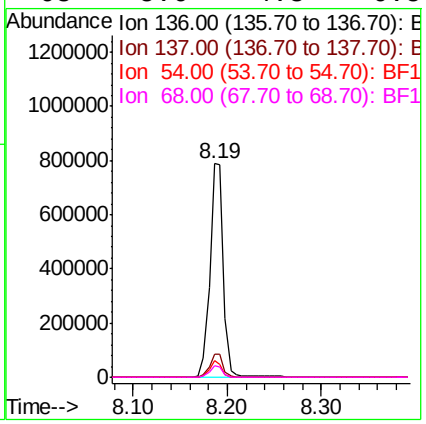


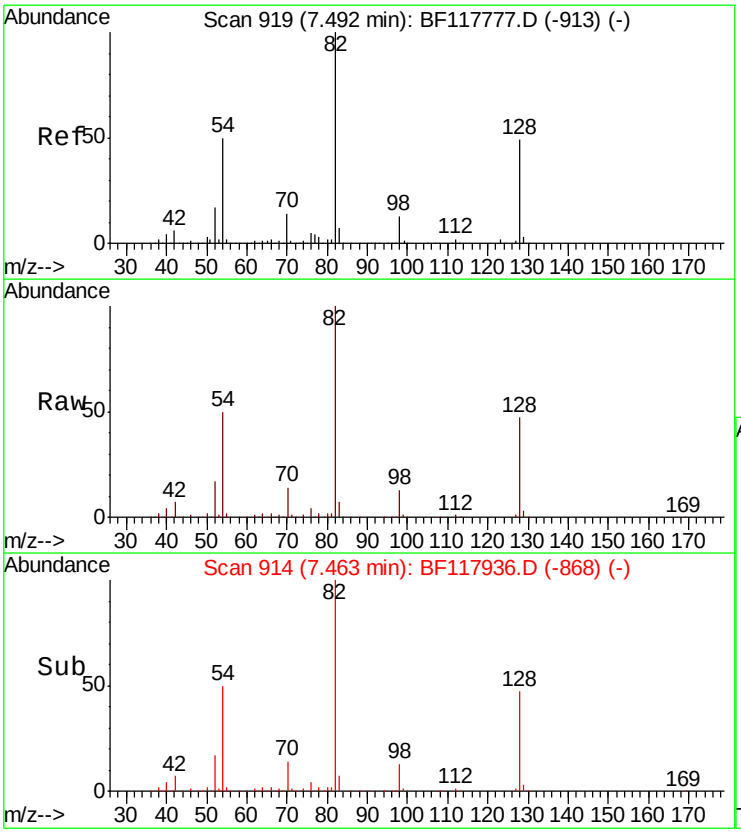
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NW-03

Tgt Ion:136 Resp: 803622

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.5	5.4	8.2
68	5.6	4.3	6.5

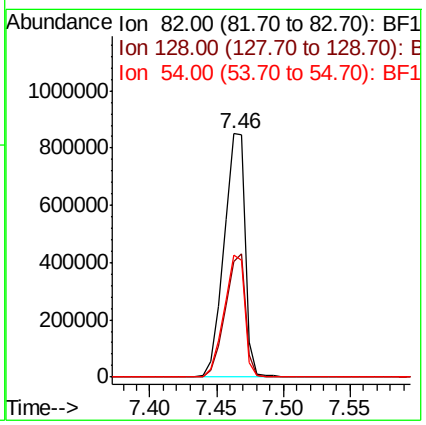


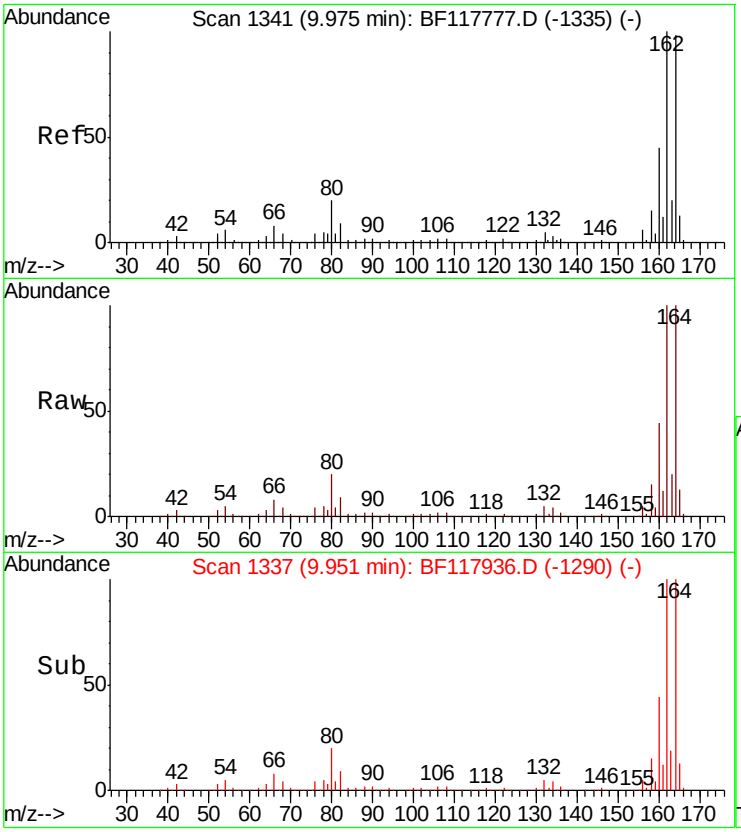


#23
Nitrobenzene-d5
Concen: 70.805 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Tgt Ion: 82 Resp: 957186

Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.9	58.3
54	49.9	39.8	59.6



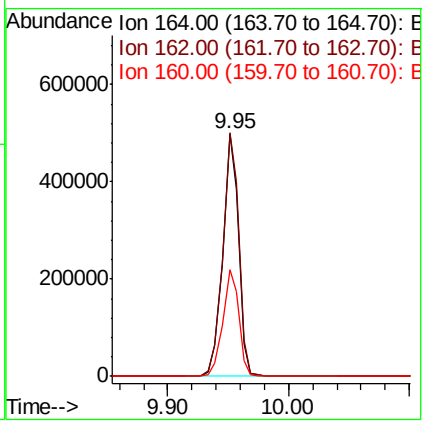


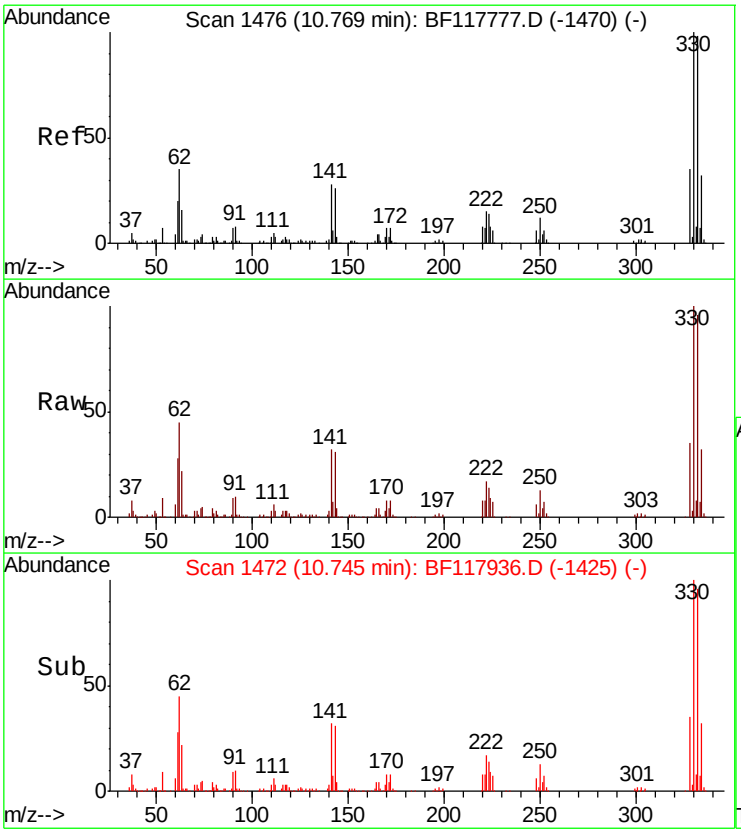
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NW-03

Tgt Ion:164 Resp: 448953

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.3	121.9
160	44.0	36.6	55.0

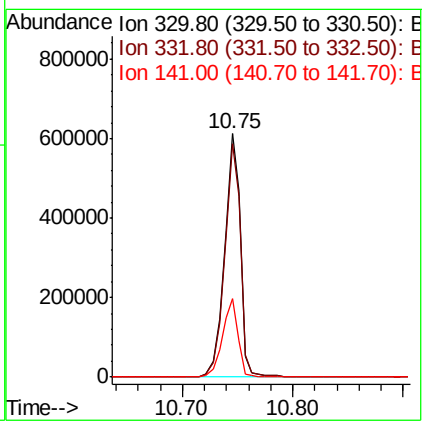


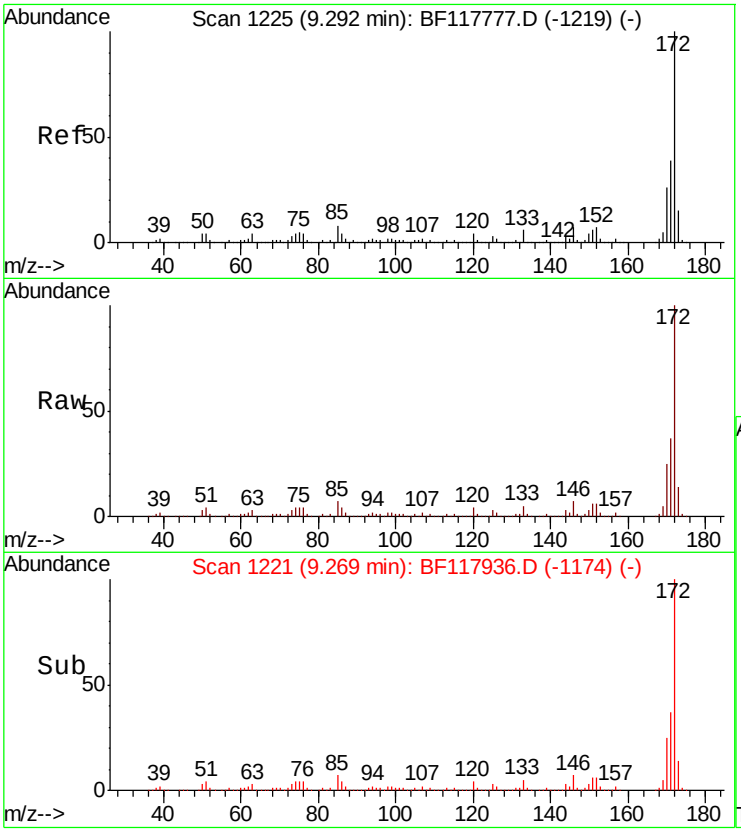


#42
2,4,6-Tribromophenol
Concen: 128.991 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Tgt Ion:330 Resp: 613096

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.7	115.1
141	32.0	27.7	41.5



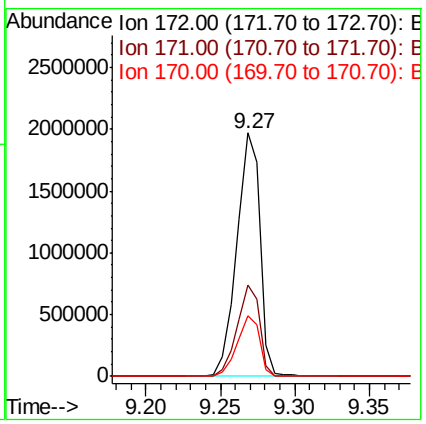


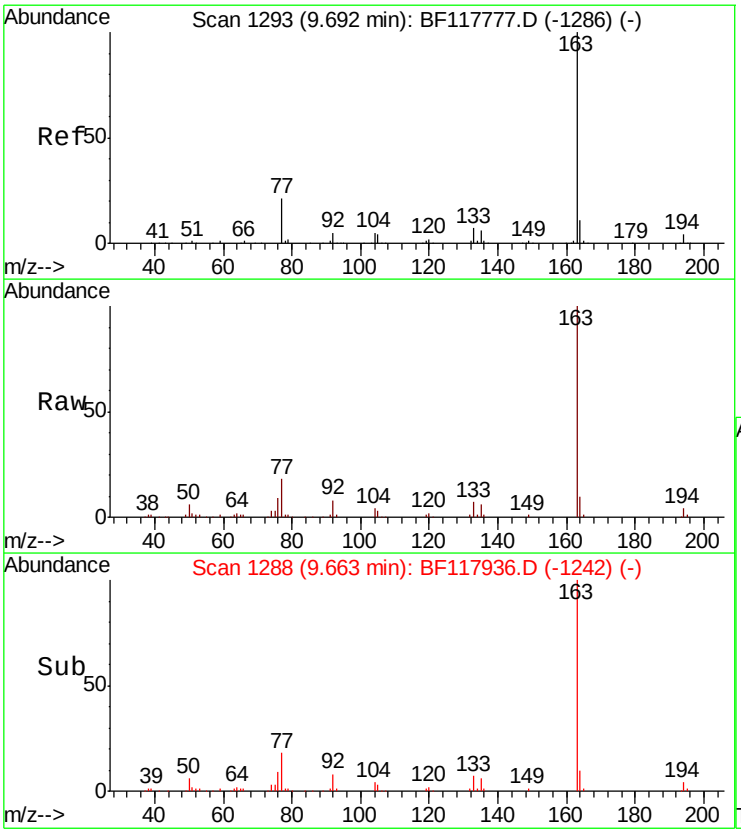
#45
2-Fluorobiphenyl
Concen: 85.295 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NW-03

Tgt Ion:172 Resp: 2134475

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.9	46.3
170	25.0	21.0	31.4

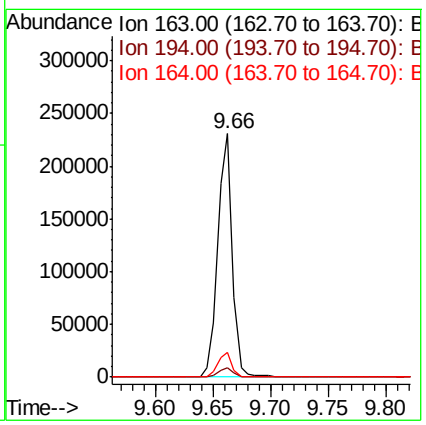


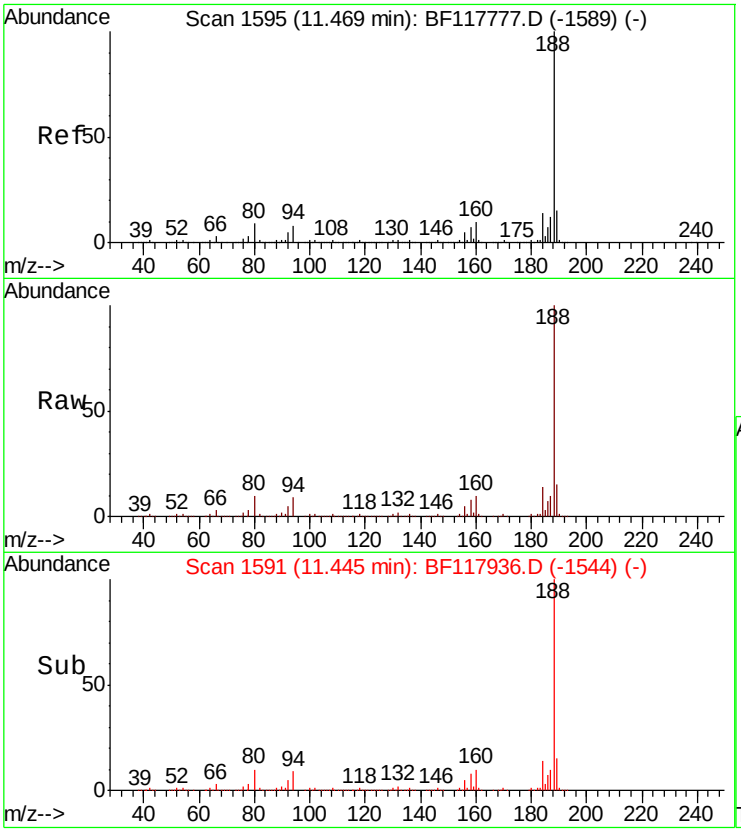


#50
Dimethylphthalate
Concen: 6.370 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Tgt Ion:163 Resp: 200532

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.0	8.7	13.1



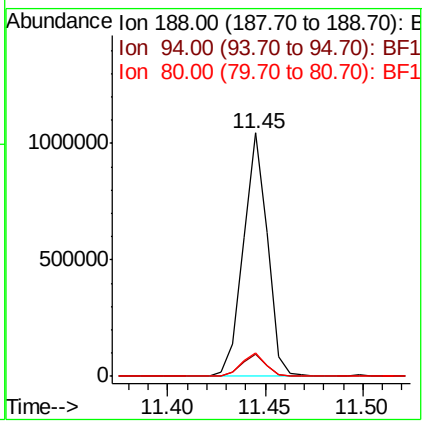


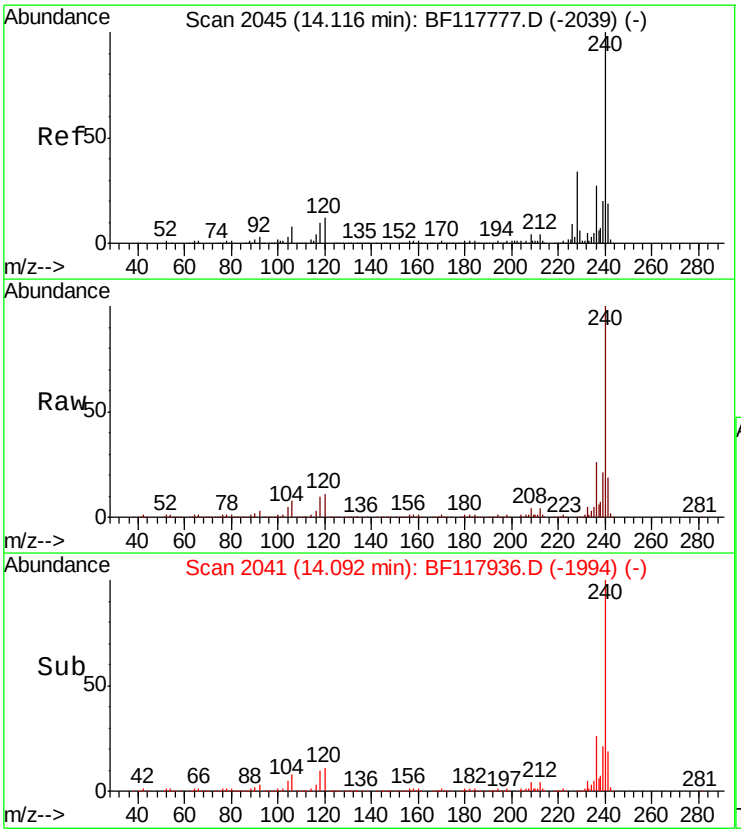
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NW-03

Tgt Ion:188 Resp: 891215

Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	10.0
80	9.8	7.2	10.8

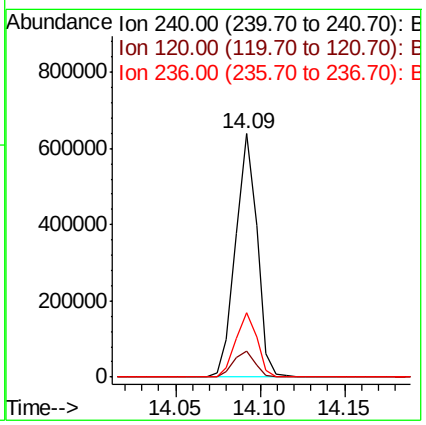


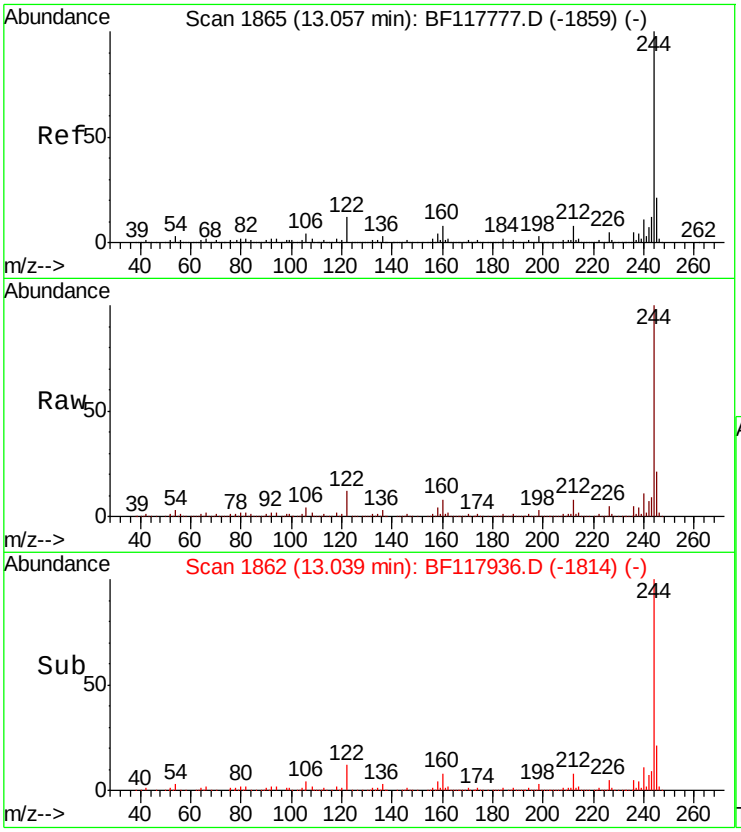


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Tgt Ion:240 Resp: 563942

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.3	21.3	31.9



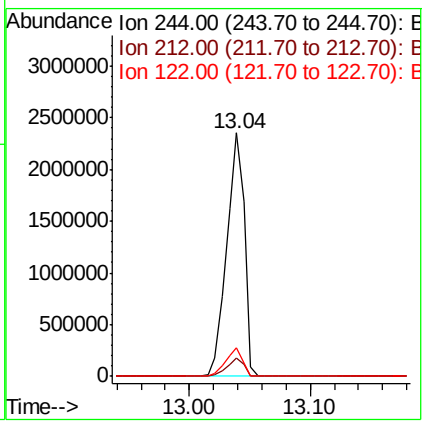


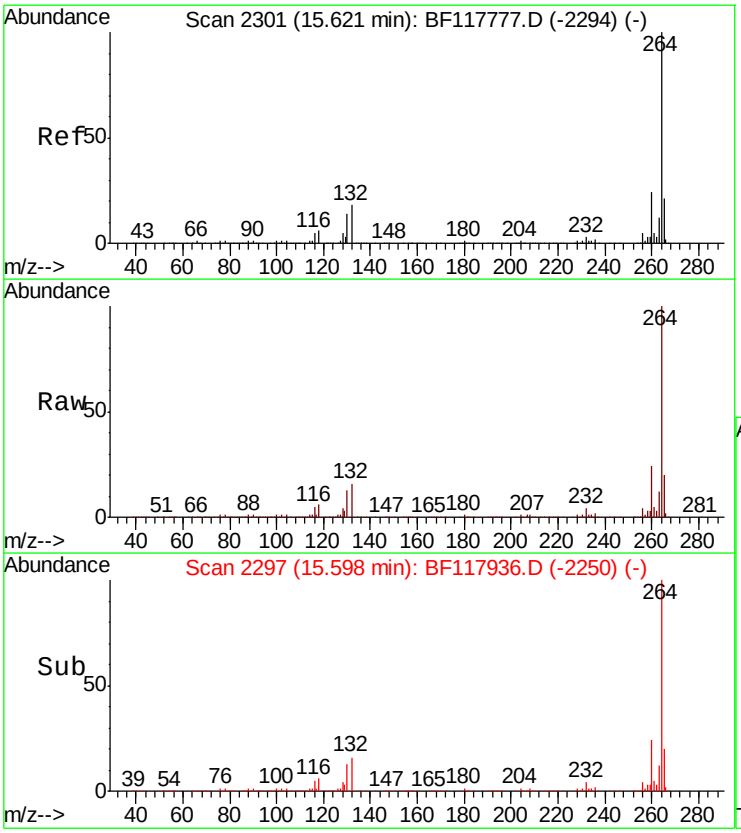
#79
Terphenyl-d14
Concen: 77.258 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NW-03

Tgt Ion:244 Resp: 2383931

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.8	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.02 min
Lab File: BF117936.D
Acq: 22 Nov 2019 23:35

Tgt Ion:264 Resp: 502913

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	20.4	17.1	25.7