Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
Data File : BF117932.D
Acq On : 22 Nov 2019 21:47
Operator : JU
Sample : K5840-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PHIPPS-BH-NE-02

Quant Time: Nov 23 03:47:11 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	163306	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	628742	20.00	ng	-0.02
39) Acenaphthene-d10	9.95	164	353975	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	721561	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	652134	20.00	ng	-0.02
87) Perylene-d12	15.60	264	603330	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	948691	102.83	ng	-0.01
7) Phenol-d6	6.53	99	1284132	115.40	ng	-0.02
23) Nitrobenzene-d5	7.46	82	860060	81.32	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	331226	88.39	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1615410	81.87	ng	-0.02
79) Terphenyl-d14	13.04	244	2332464	65.37	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.54	94	70739	6.118	ng	93
50) Dimethylphthalate	9.66	163	196034	7.898	ng	97

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

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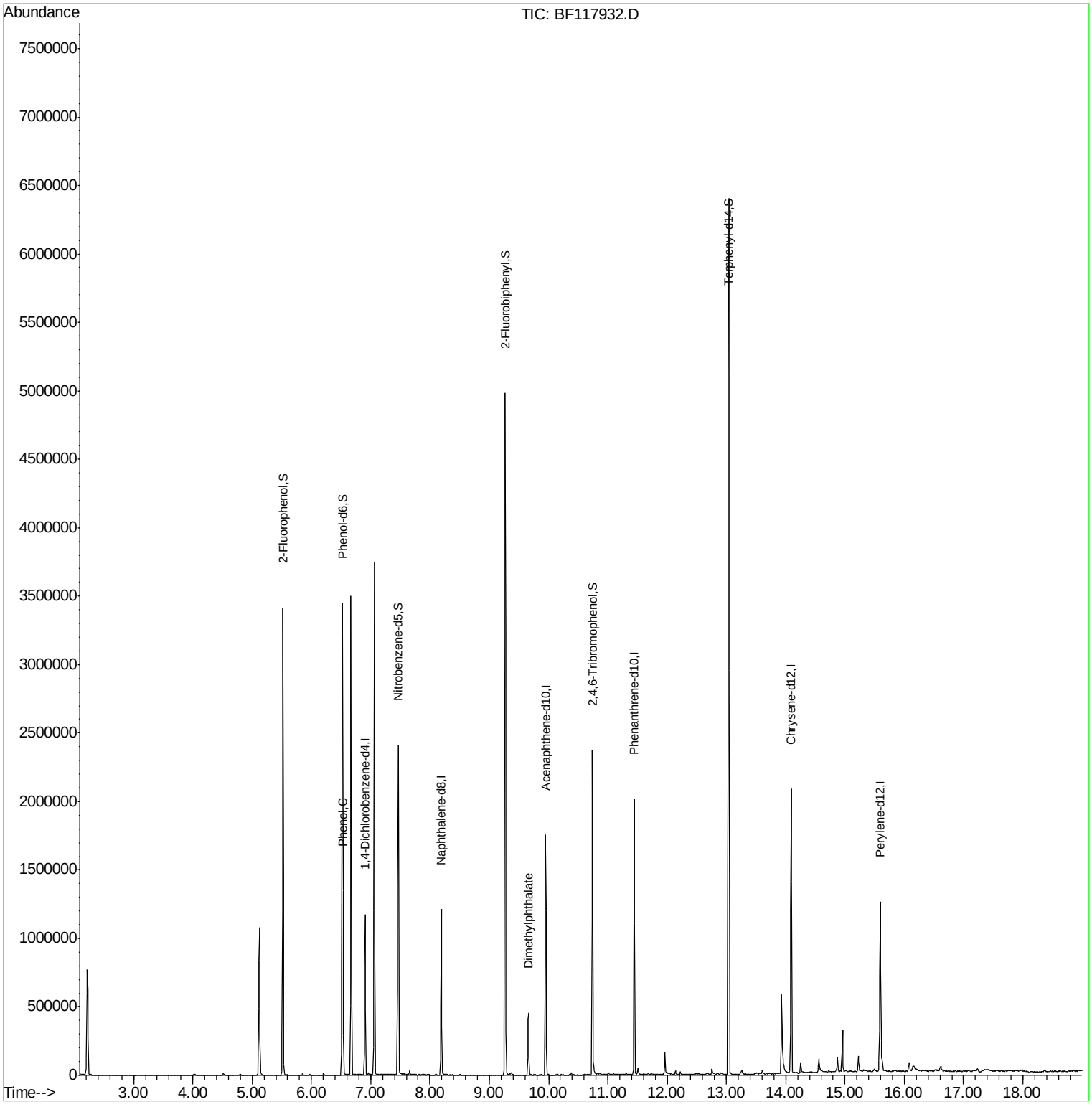
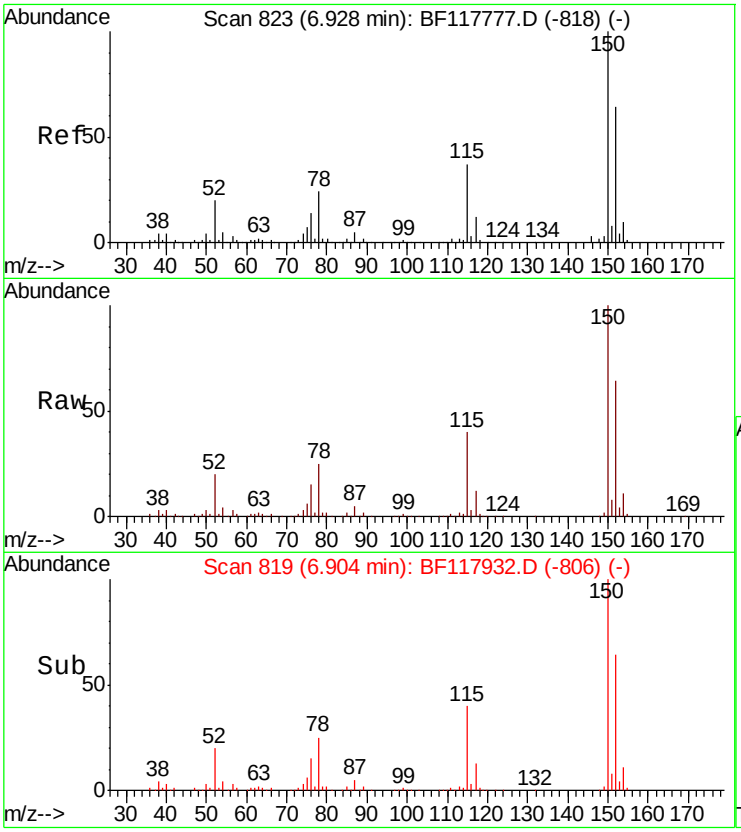


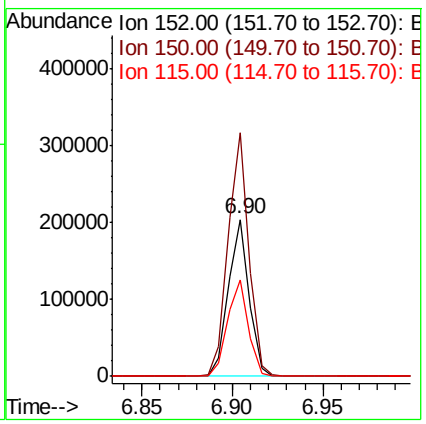


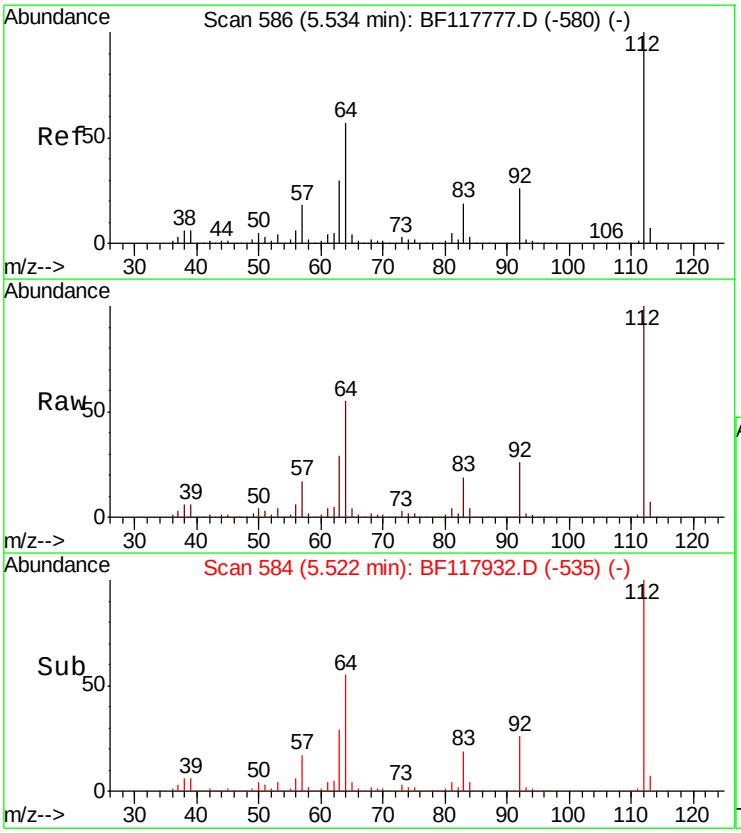
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02

Tgt Ion:152 Resp: 163306

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.3	187.9
115	61.7	47.0	70.4

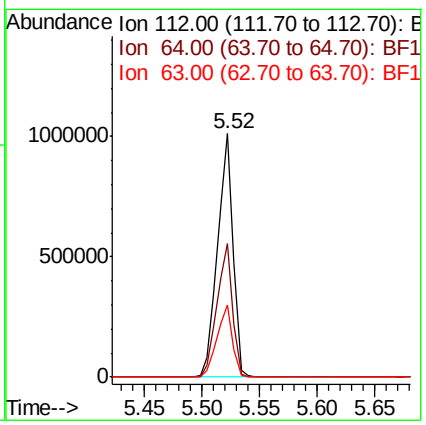


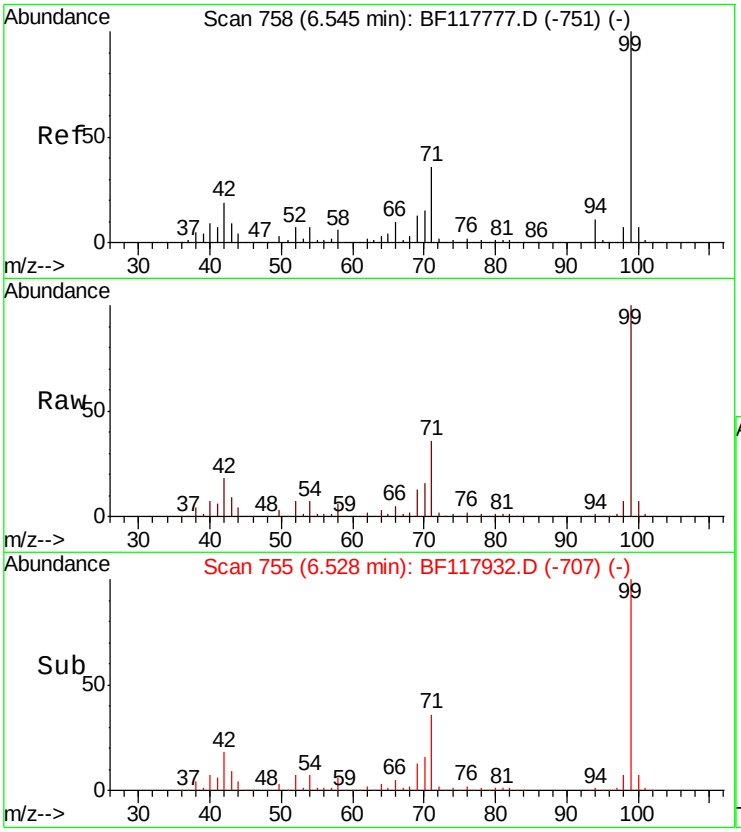


#5
2-Fluorophenol
Concen: 102.830 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Tgt Ion:112 Resp: 948691

Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.6	68.4
63	29.5	24.1	36.1



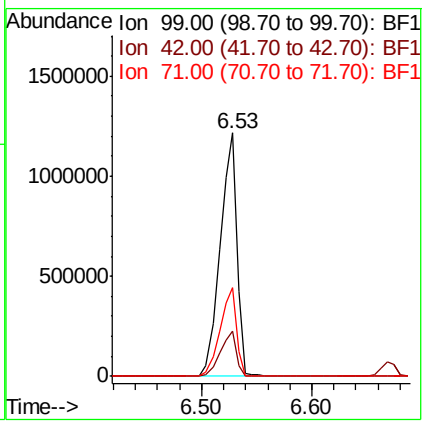


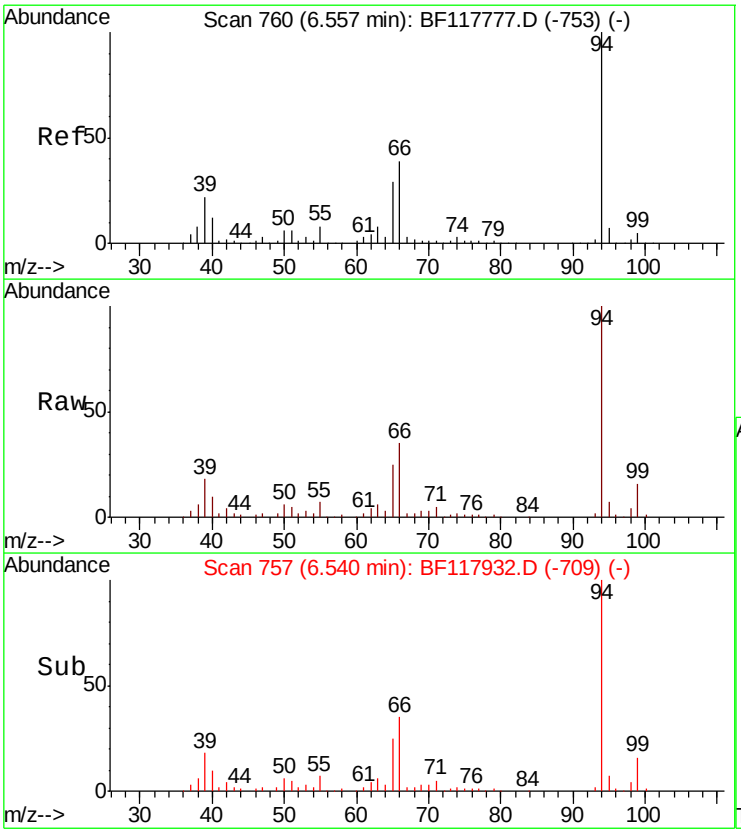
#7
Phenol-d6
Concen: 115.399 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02

Tgt Ion: 99 Resp: 1284132

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.9	22.3
71	36.4	28.6	43.0

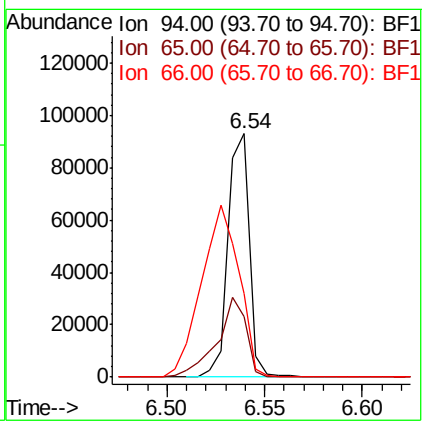


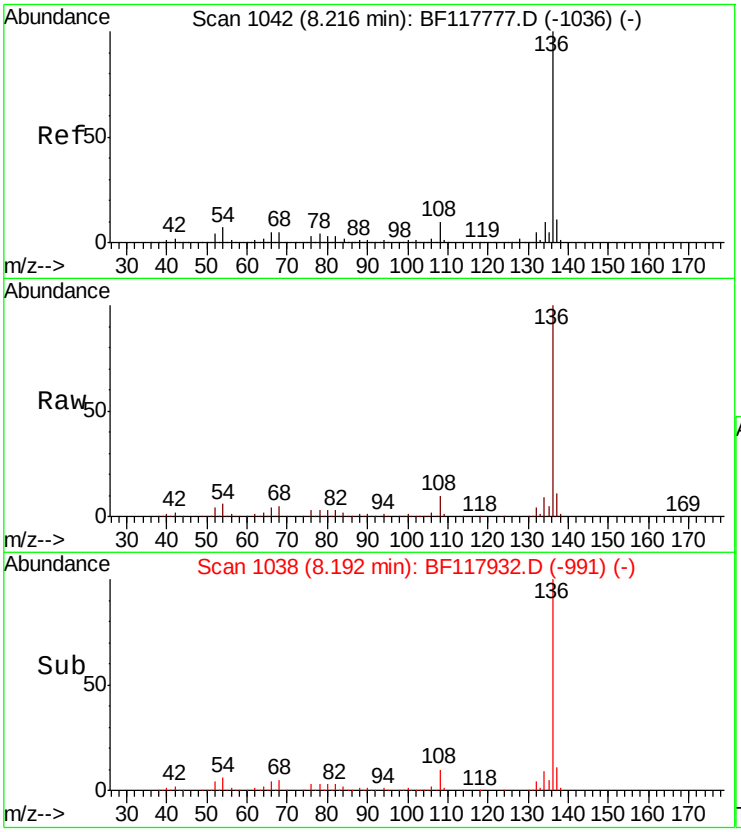


#10
Phenol
Concen: 6.118 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Tgt Ion: 94 Resp: 70739

Ion	Ratio	Lower	Upper
94	100		
65	25.1	8.9	48.9
66	34.6	18.7	58.7



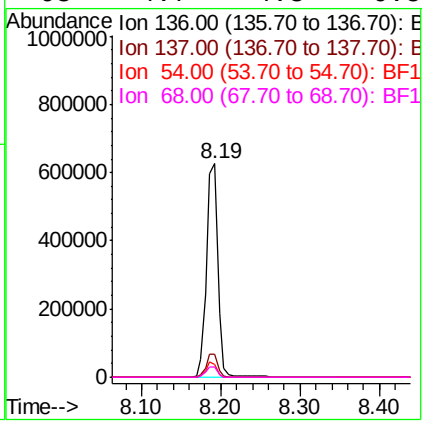


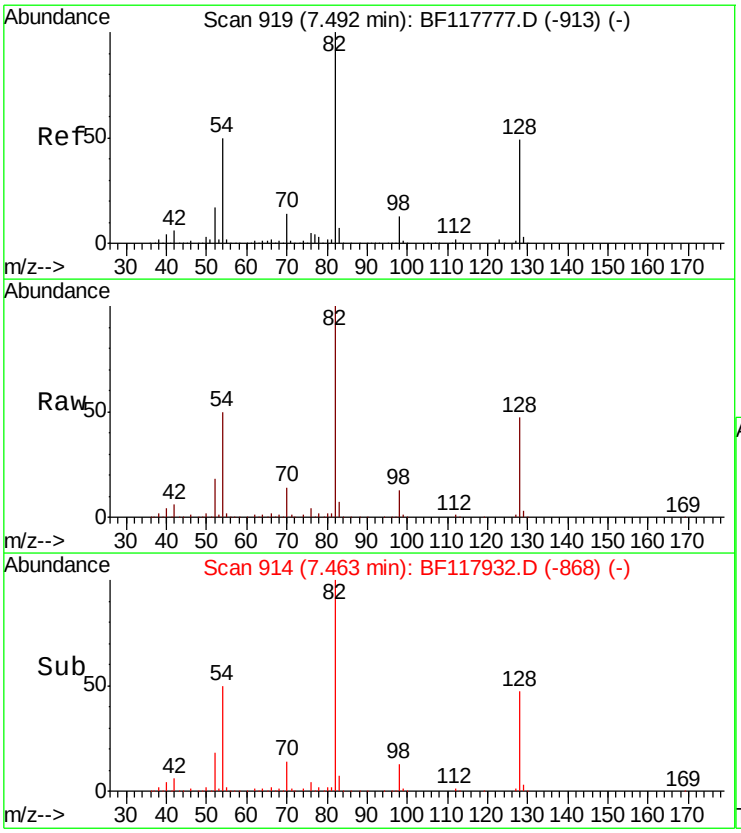
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02

Tgt Ion:136 Resp: 628742

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.2	5.4	8.2
68	4.7	4.3	6.5

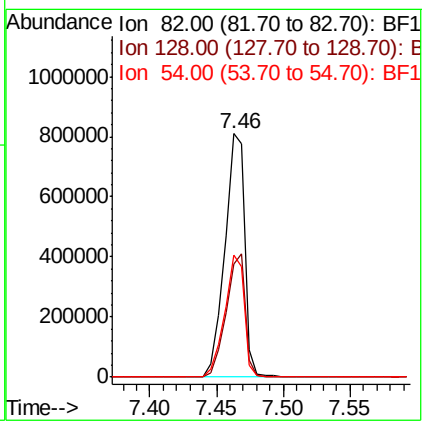


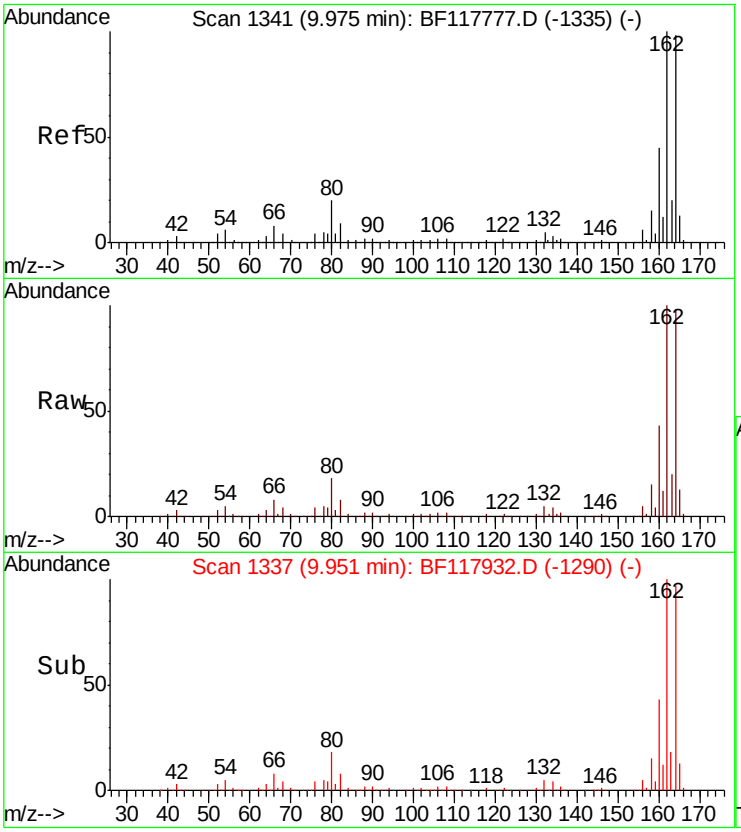


#23
Nitrobenzene-d5
Concen: 81.316 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Tgt Ion: 82 Resp: 860060

Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.9	58.3
54	50.2	39.8	59.6



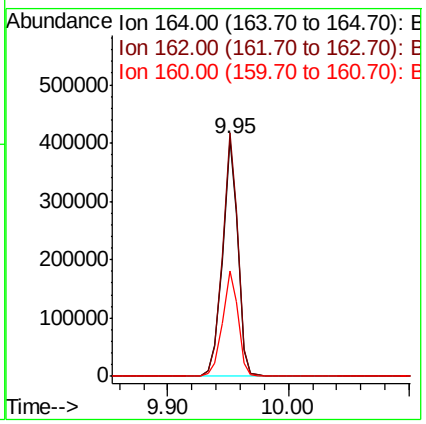


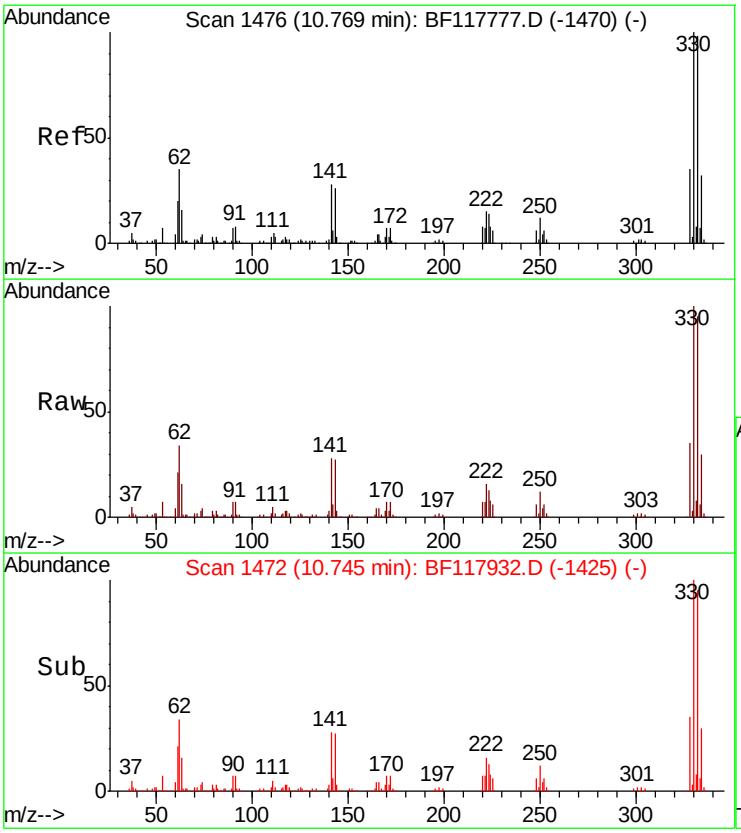
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02

Tgt Ion:164 Resp: 353975

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.3	121.9
160	44.1	36.6	55.0

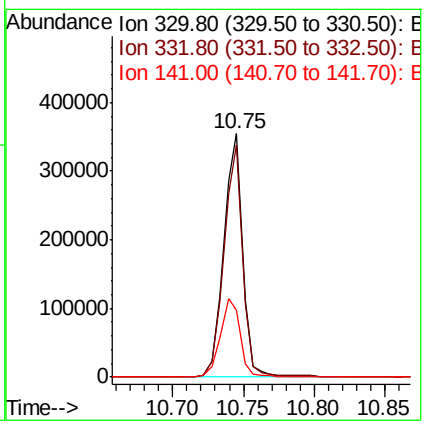


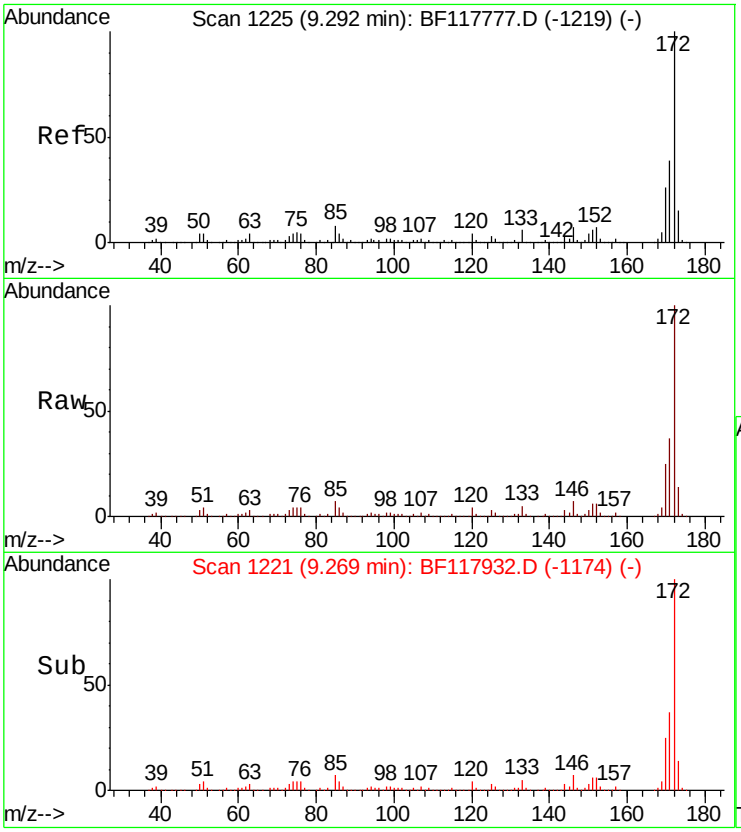


#42
2,4,6-Tribromophenol
Concen: 88.386 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Tgt Ion:330 Resp: 331226

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.7	115.1
141	34.3	27.7	41.5



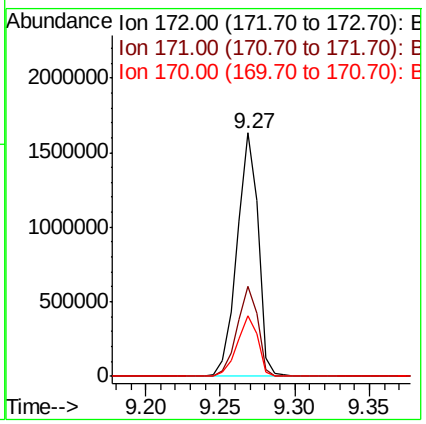


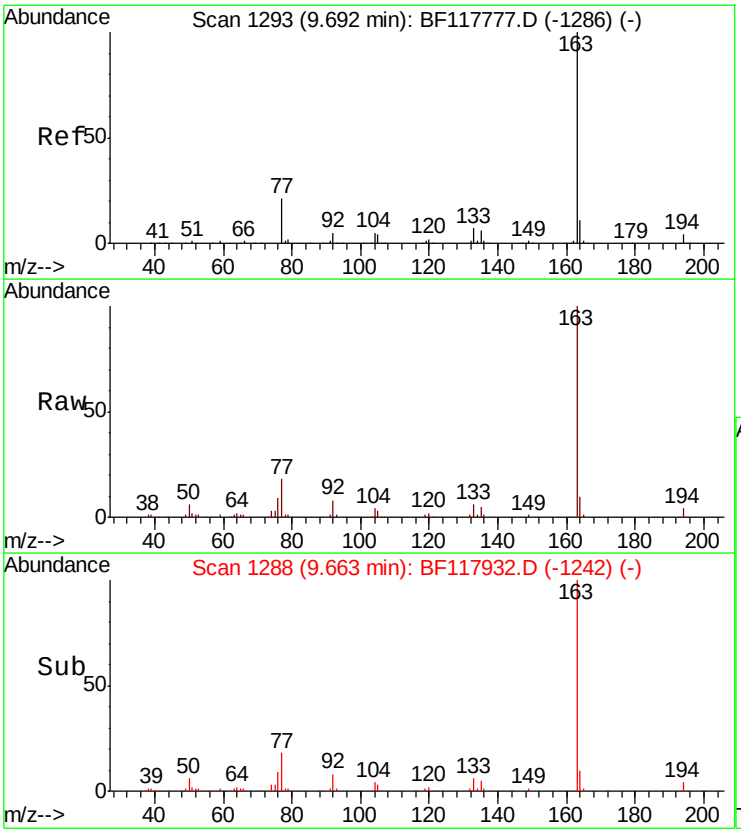
#45
2-Fluorobiphenyl
Concen: 81.873 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02

Tgt Ion:172 Resp: 1615410

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.9	46.3
170	24.7	21.0	31.4

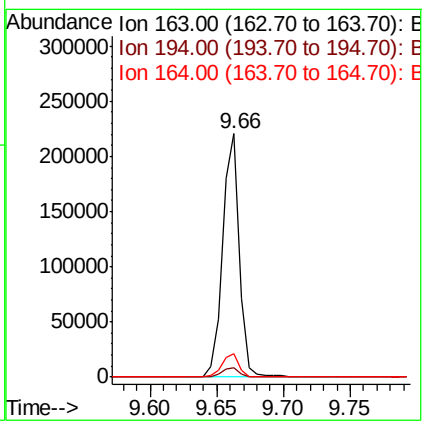


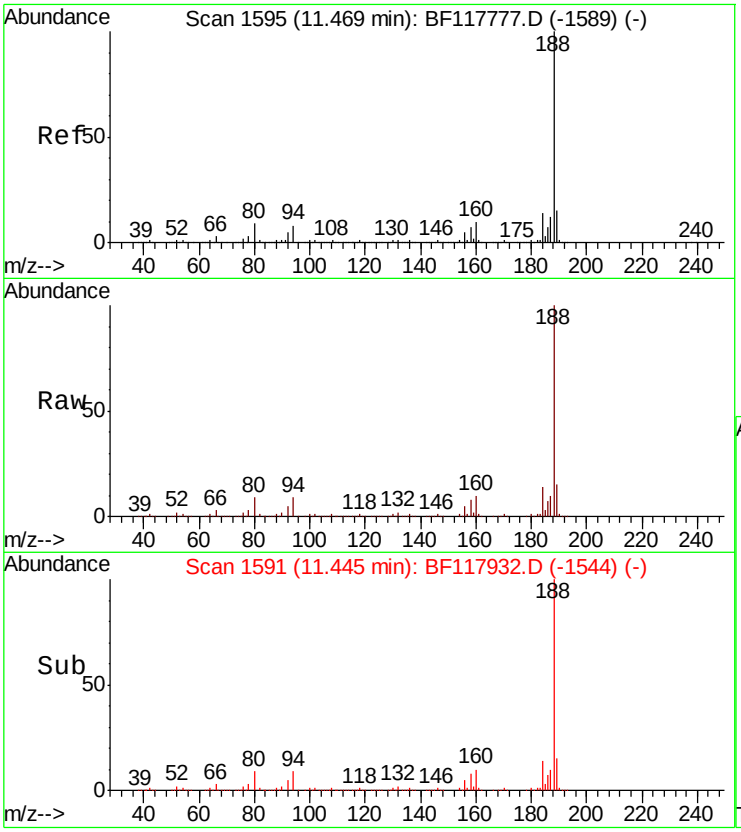


#50
Dimethylphthalate
Concen: 7.898 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Tgt Ion:163 Resp: 196034

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.5	8.7	13.1



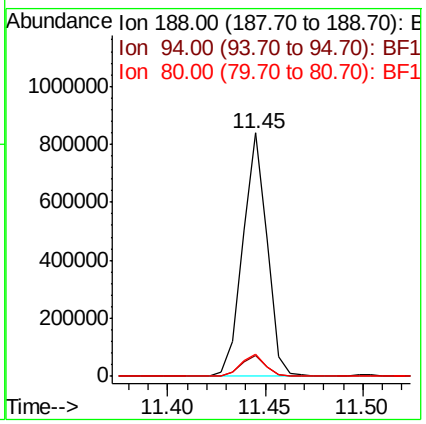


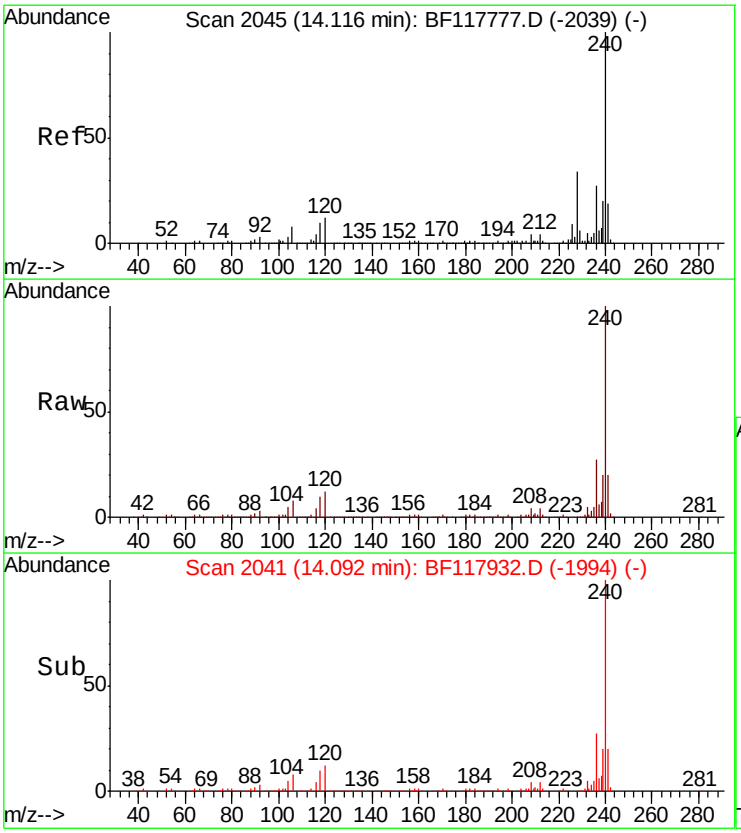
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02

Tgt Ion:188 Resp: 721561

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.4	7.2	10.8

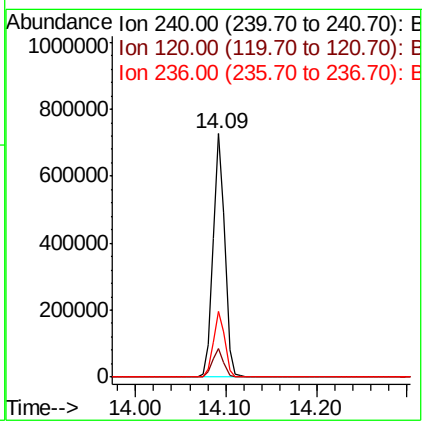


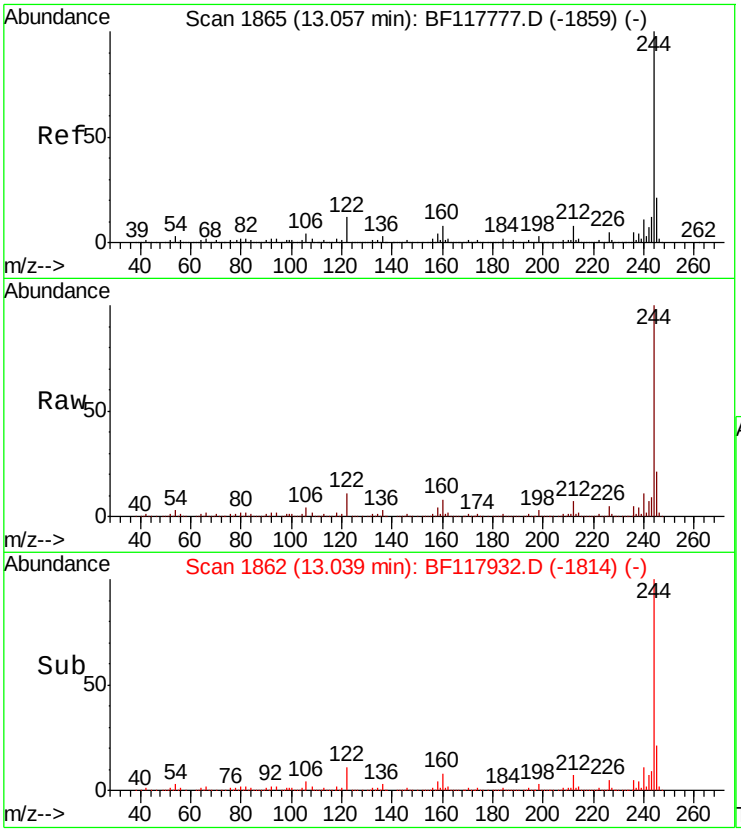


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Tgt Ion:240 Resp: 652134

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	27.0	21.3	31.9



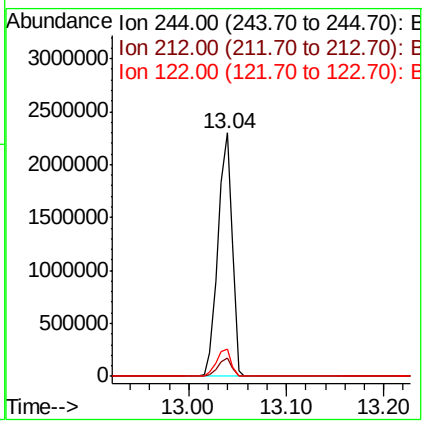


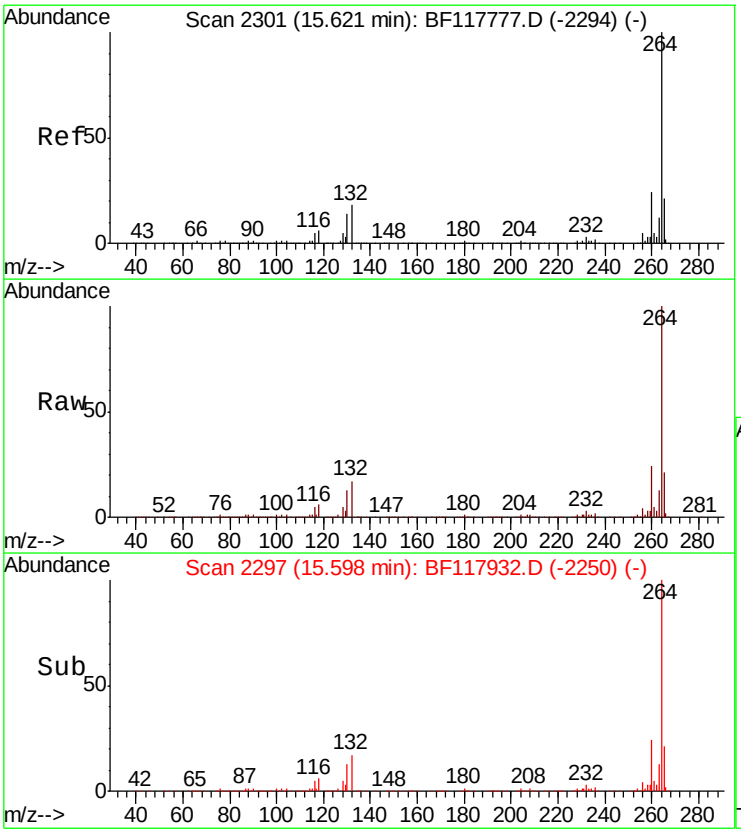
#79
Terphenyl-d14
Concen: 65.367 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BF117932.D
Acq: 22 Nov 2019 21:47

Instrument :
BNA_F
ClientSampleId :
PHIPPS-BH-NE-02

Tgt Ion:244 Resp: 2332464

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	11.4	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: BF117932.D
Acq: 22 Nov 2019 21:47

Tgt Ion:264 Resp: 603330

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.2	17.1	25.7