Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117805.D
Acq On : 15 Nov 2019 16:20
Operator : JU
Sample : K5861-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-6

Quant Time: Nov 18 02:37:28 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	6.92	152	226615	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	860166	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	456527	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	860648	20.00	ng	-0.01
76) Chrysene-d12	14.11	240	635898	20.00	ng	0.00
87) Perylene-d12	15.62	264	640760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1440551	112.52	ng	0.00
7) Phenol-d6	6.54	99	1771517	114.72	ng	0.00
23) Nitrobenzene-d5	7.48	82	1078710	74.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	531770	110.02	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2015429	79.20	ng	0.00
79) Terphenyl-d14	13.05	244	2367343	68.04	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.55	94	79283	4.941	ng	97
50) Dimethylphthalate	9.67	163	234739	7.332	ng	99

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

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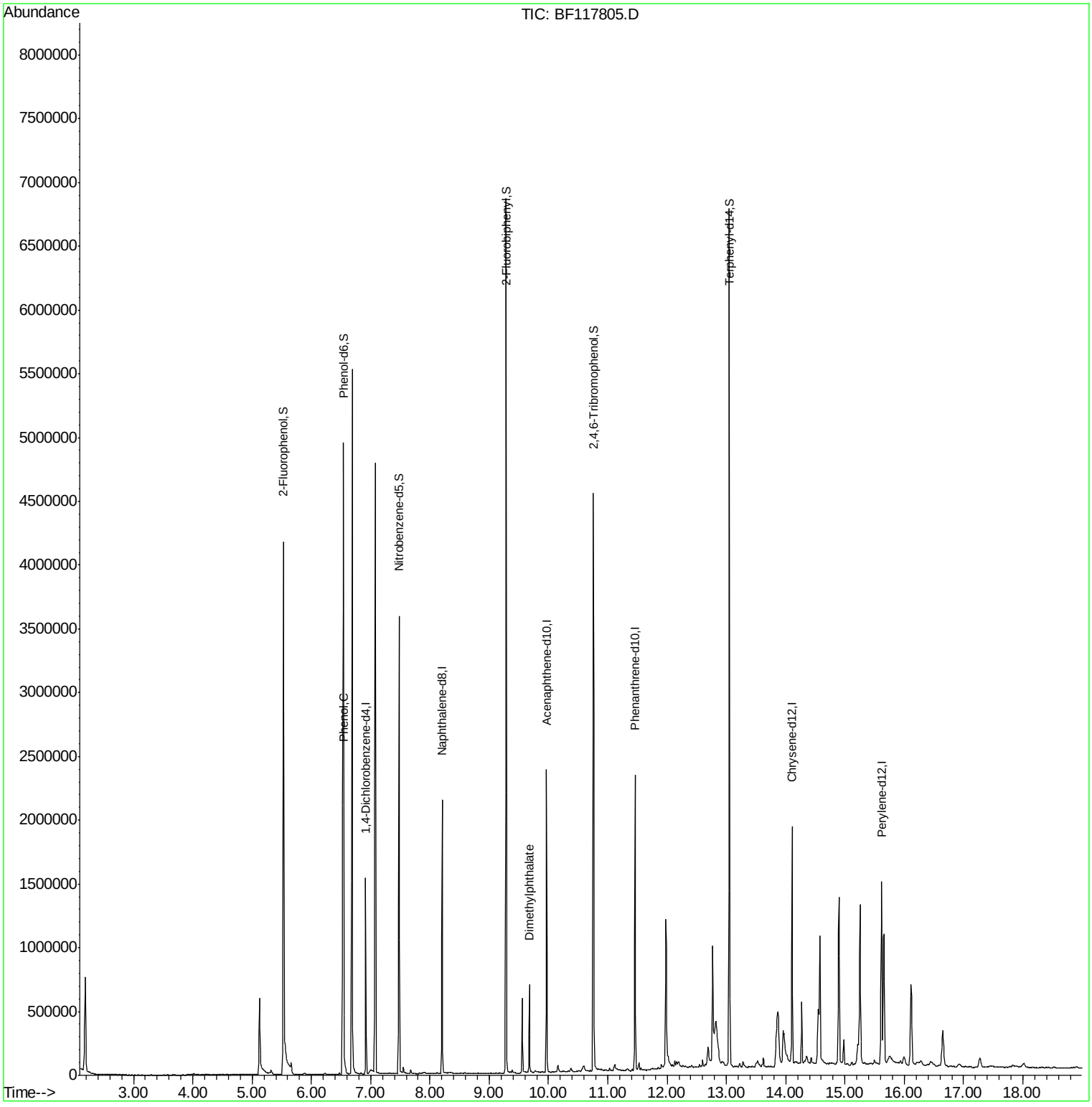
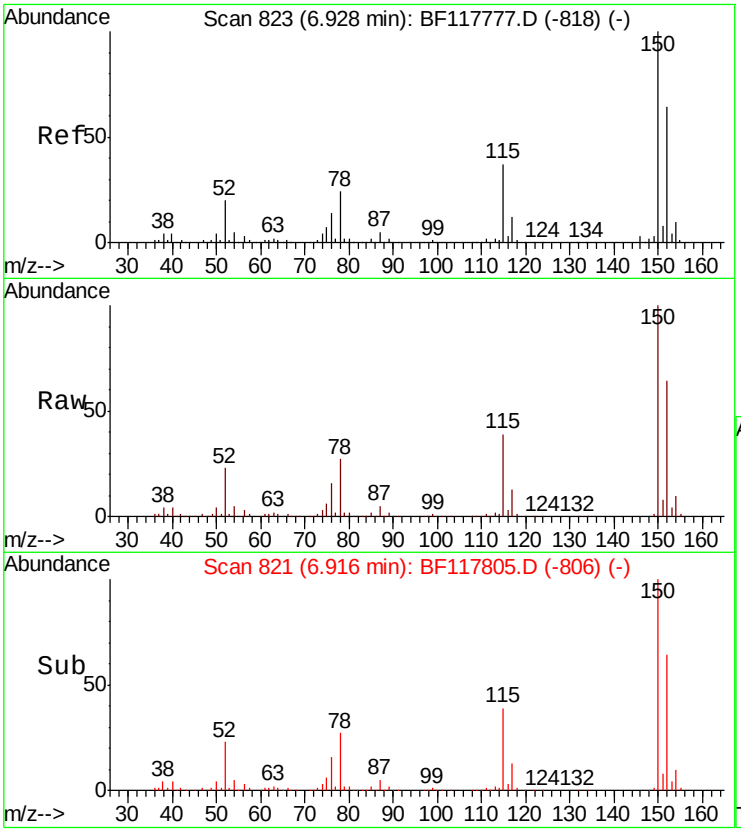


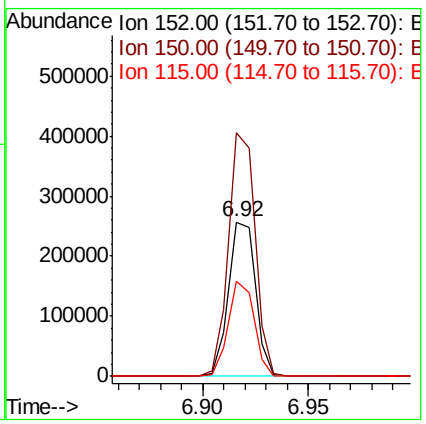


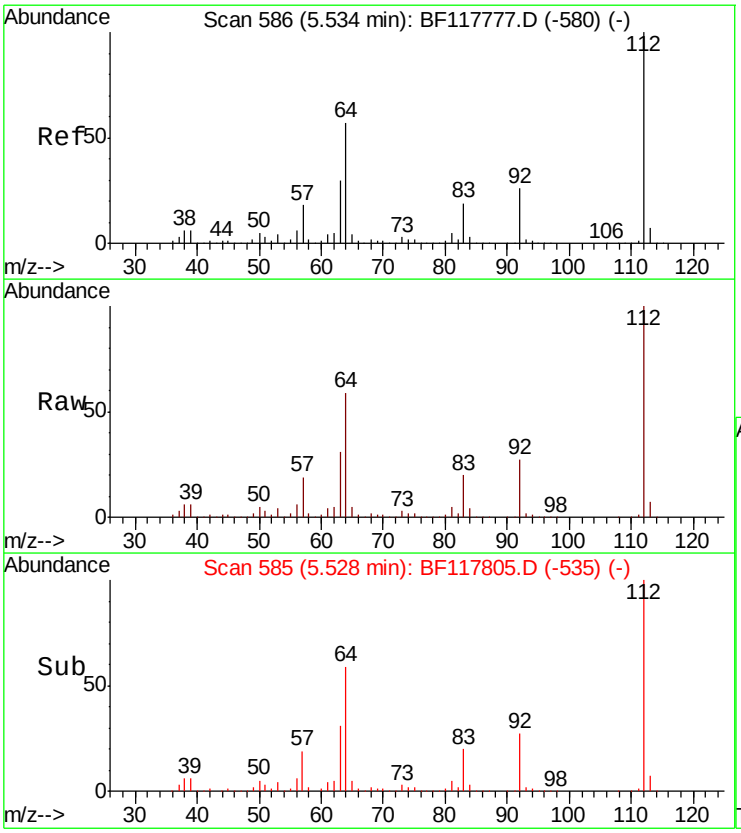
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
EP-6

Tgt Ion:152 Resp: 226615

Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.3	187.9
115	61.8	47.0	70.4

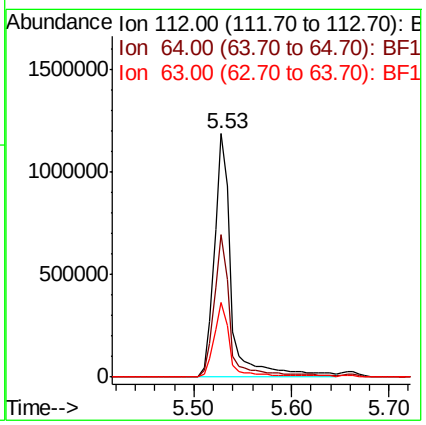


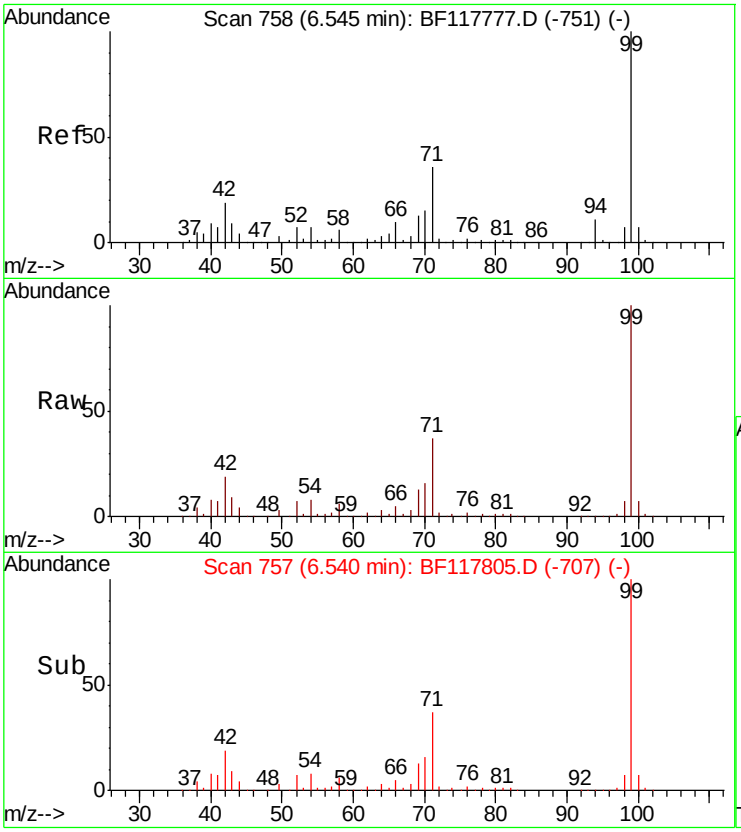


#5
2-Fluorophenol
Concen: 112.522 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Tgt Ion:112 Resp: 1440551

Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.6	68.4
63	30.8	24.1	36.1



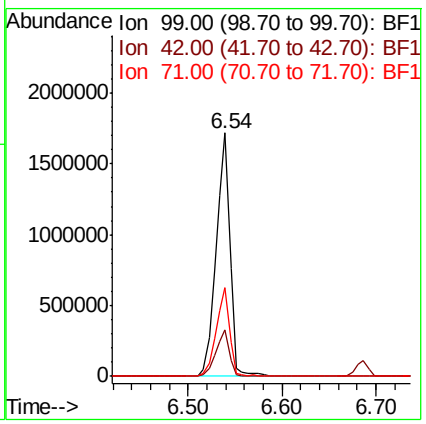


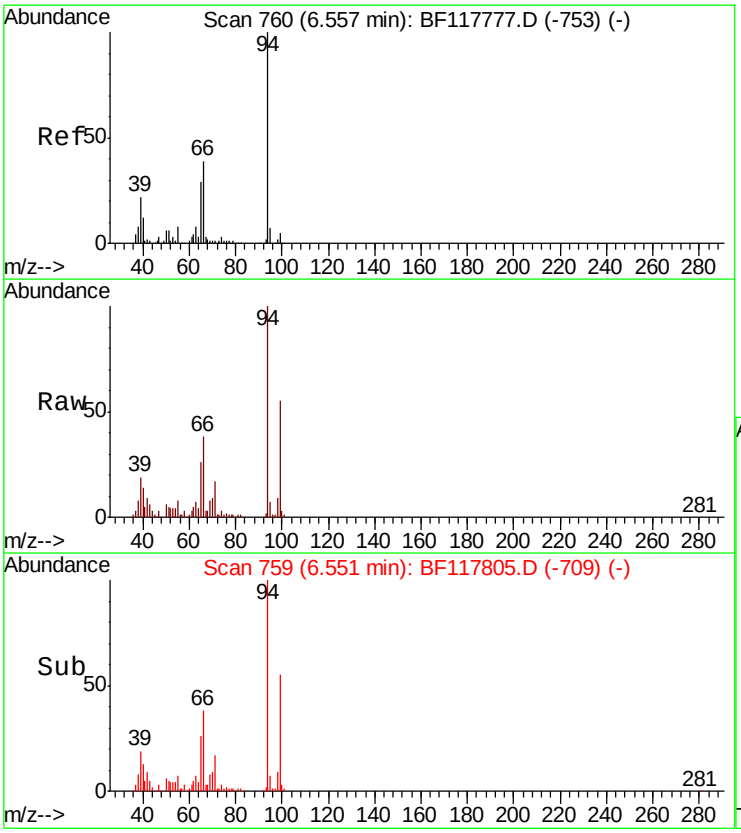
#7
Phenol-d6
Concen: 114.723 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
EP-6

Tgt Ion: 99 Resp: 1771517

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.9	22.3
71	36.7	28.6	43.0

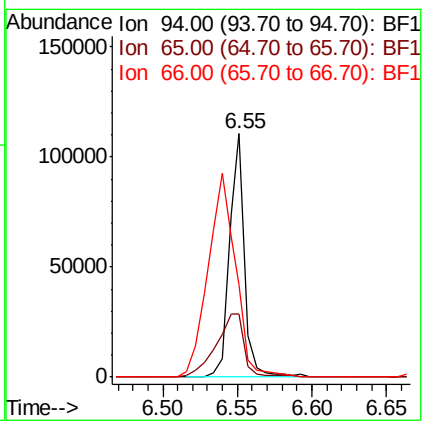


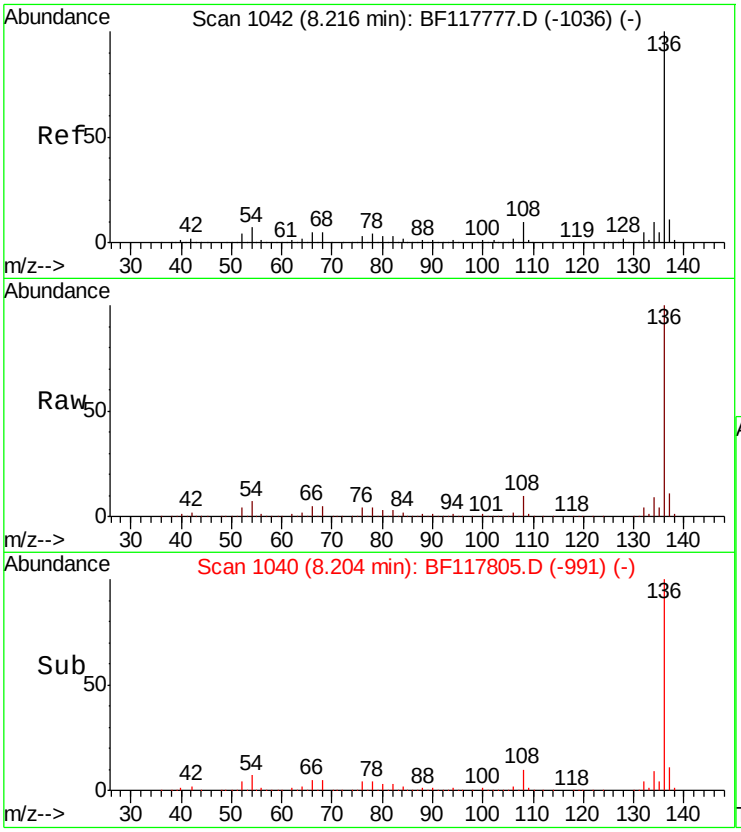


#10
Phenol
Concen: 4.941 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Tgt Ion: 94 Resp: 79283

Ion	Ratio	Lower	Upper
94	100		
65	25.7	8.9	48.9
66	37.8	18.7	58.7



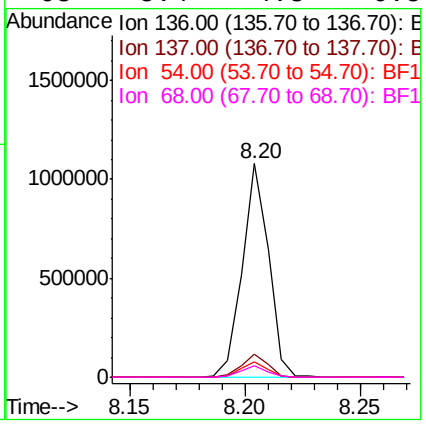


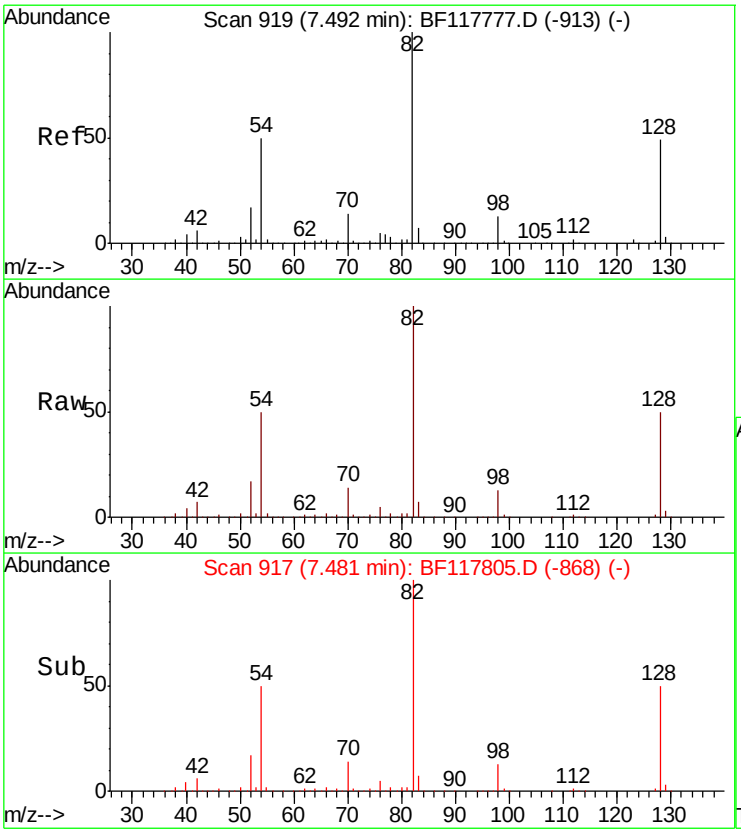
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
EP-6

Tgt Ion:136 Resp: 860166

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.3	5.4	8.2
68	5.4	4.3	6.5

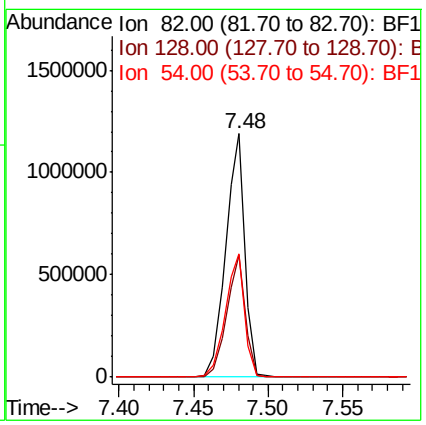


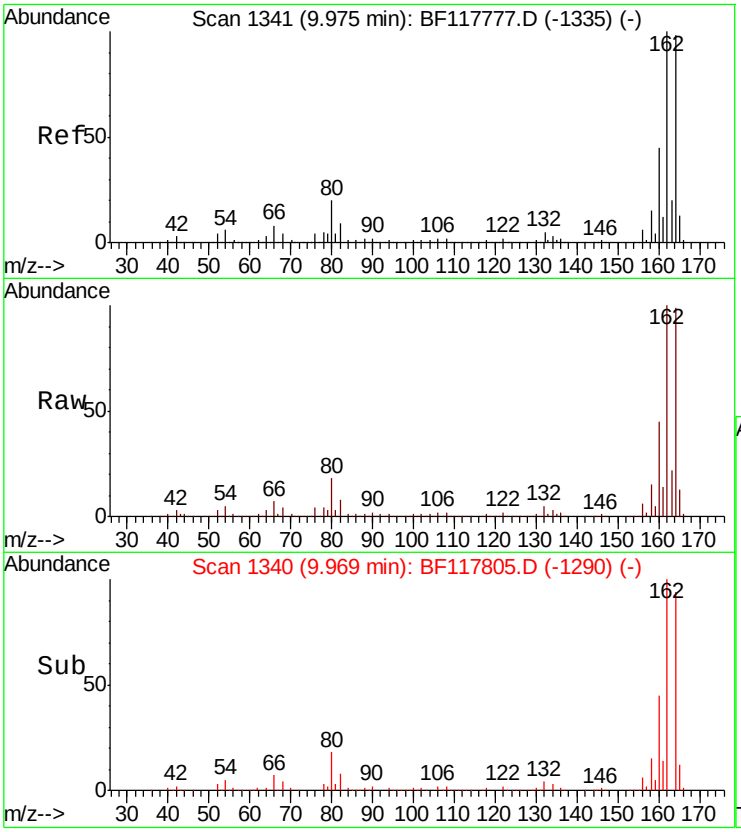


#23
Nitrobenzene-d5
Concen: 74.549 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Tgt Ion: 82 Resp: 1078710

Ion	Ratio	Lower	Upper
82	100		
128	50.1	38.9	58.3
54	50.4	39.8	59.6



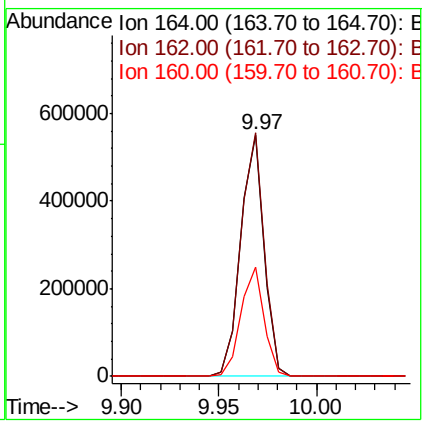


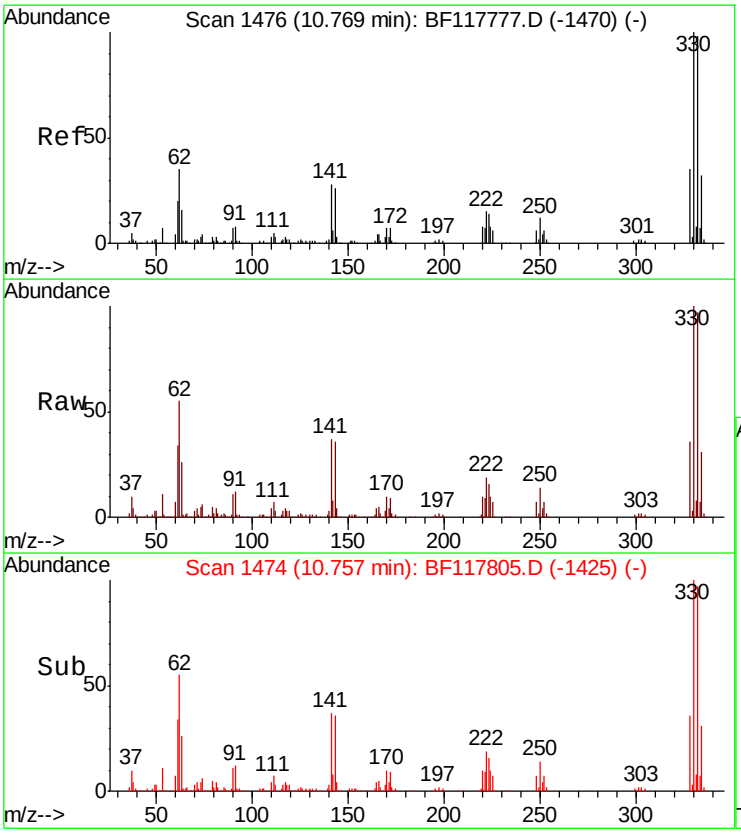
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
EP-6

Tgt Ion:164 Resp: 456527

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.3	121.9
160	45.5	36.6	55.0

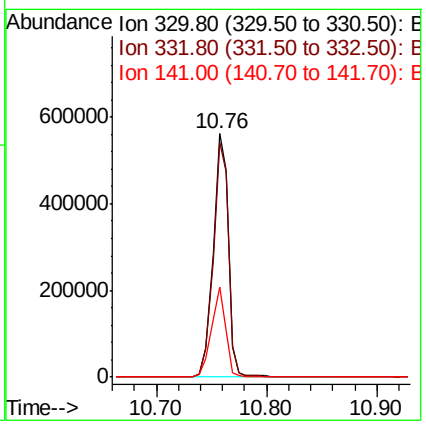


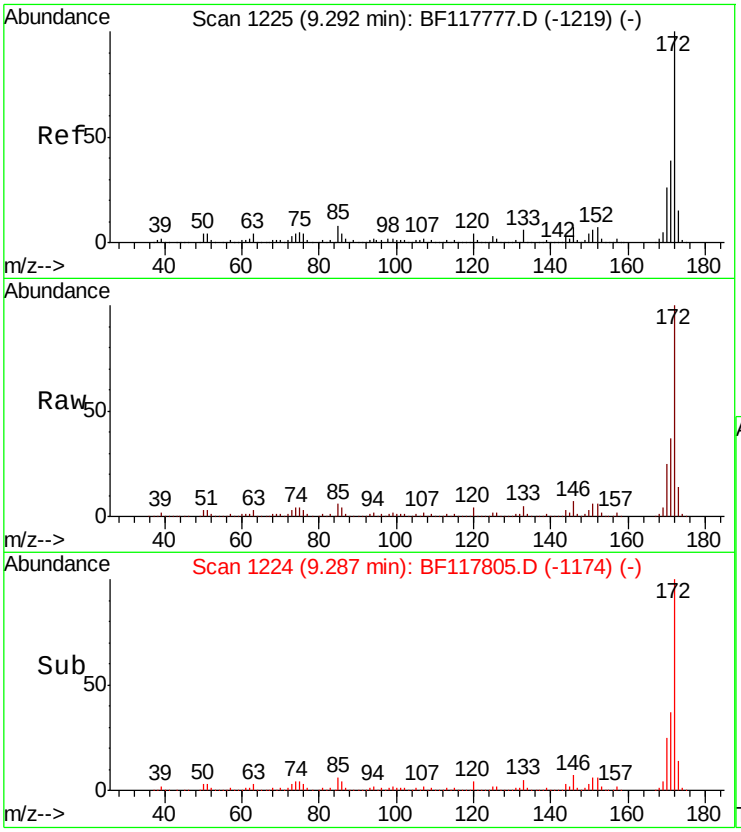


#42
2,4,6-Tribromophenol
Concen: 110.024 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Tgt Ion:330 Resp: 531770

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.7	115.1
141	34.5	27.7	41.5



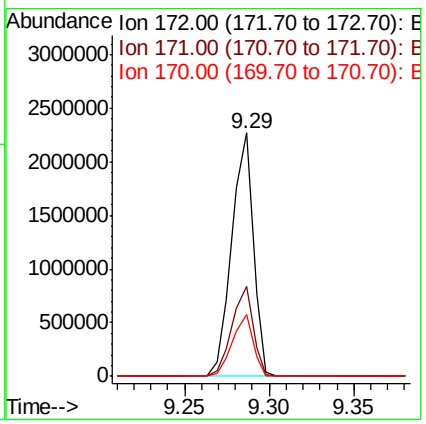


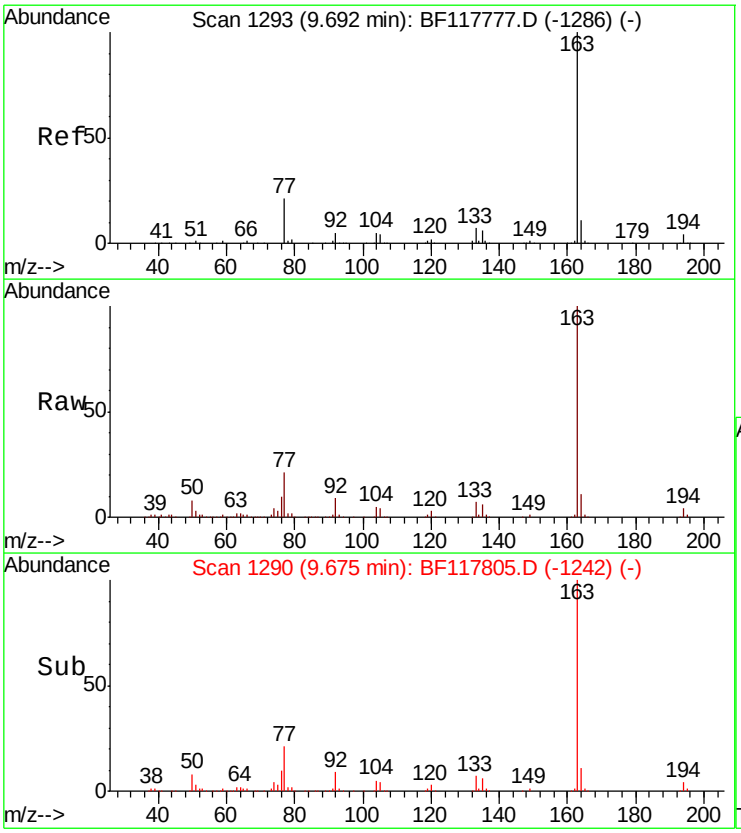
#45
2-Fluorobiphenyl
Concen: 79.201 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
EP-6

Tgt Ion:172 Resp: 2015429

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.9	46.3
170	25.2	21.0	31.4

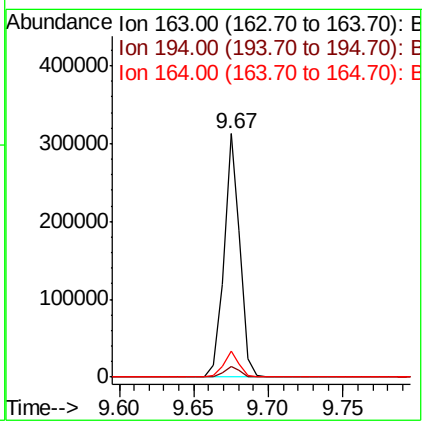


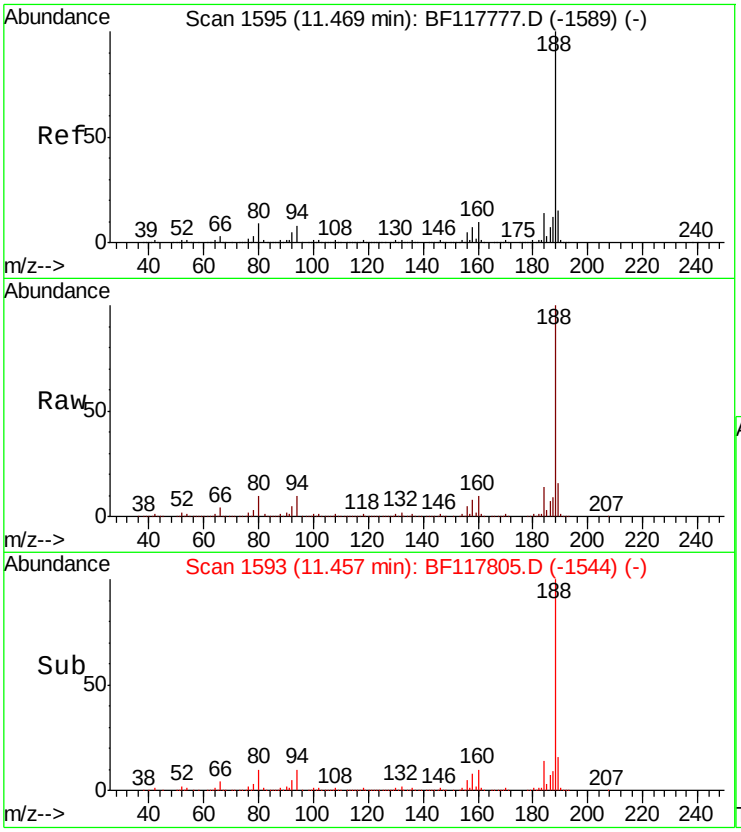


#50
Dimethylphthalate
Concen: 7.332 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Tgt Ion:163 Resp: 234739

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.5	8.7	13.1



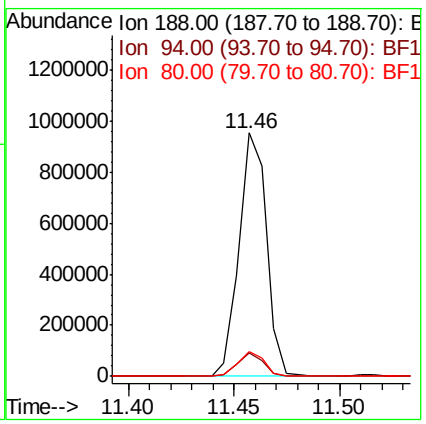


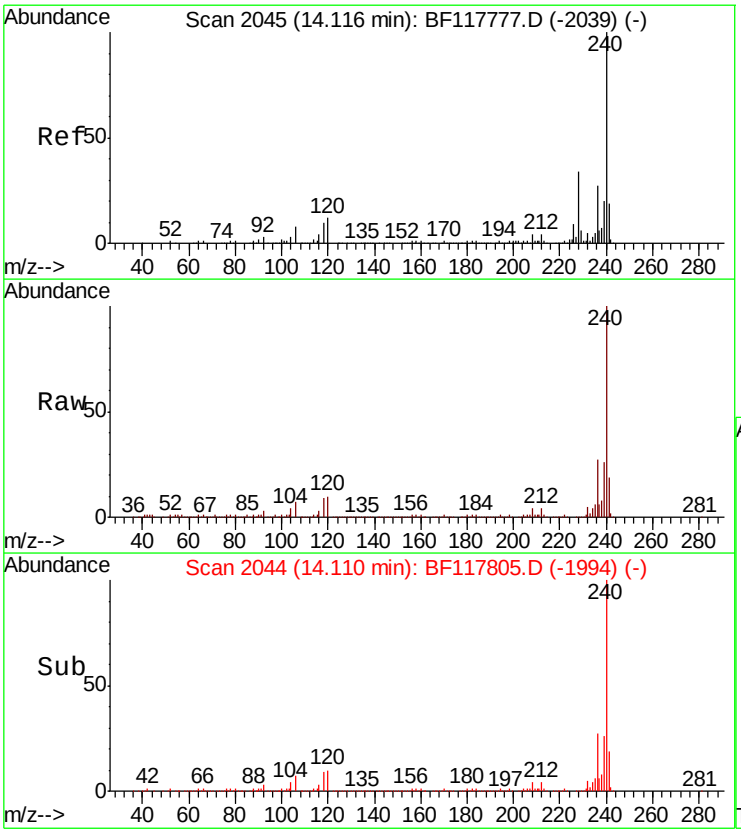
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
EP-6

Tgt Ion:188 Resp: 860648

Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.6	10.0
80	10.3	7.2	10.8

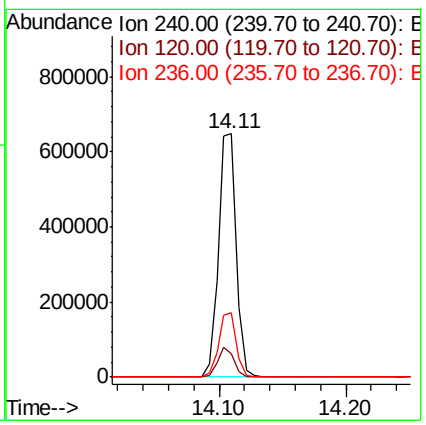


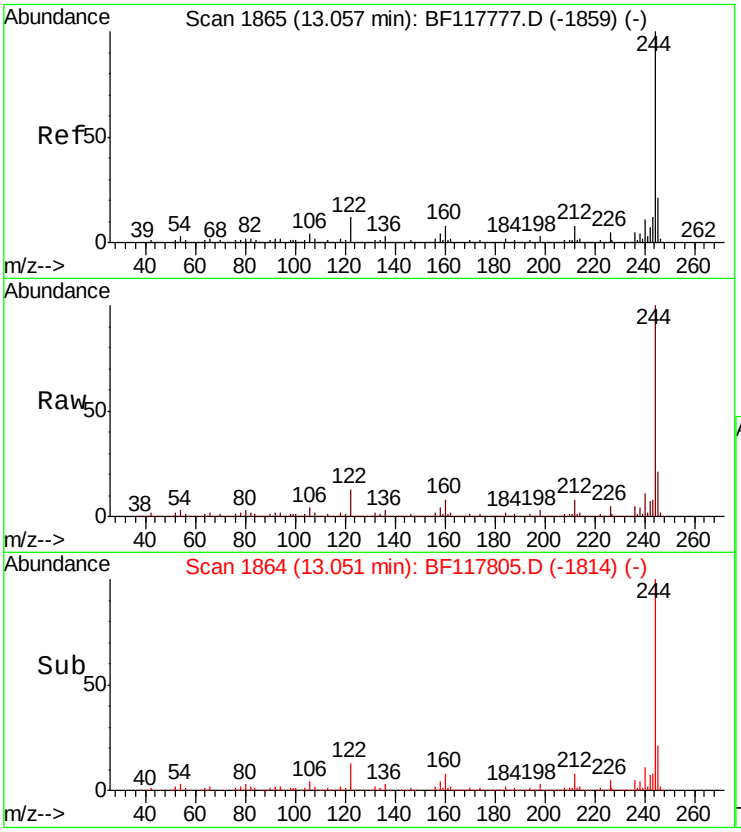


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Tgt Ion:240 Resp: 635898

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	26.7	21.3	31.9



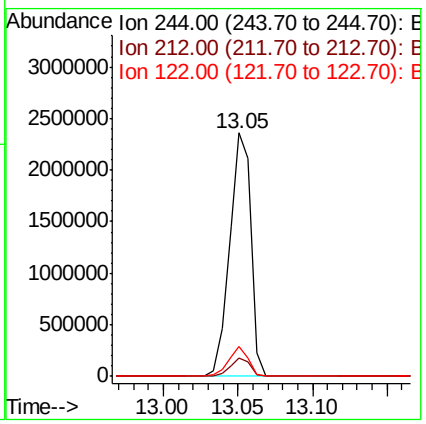


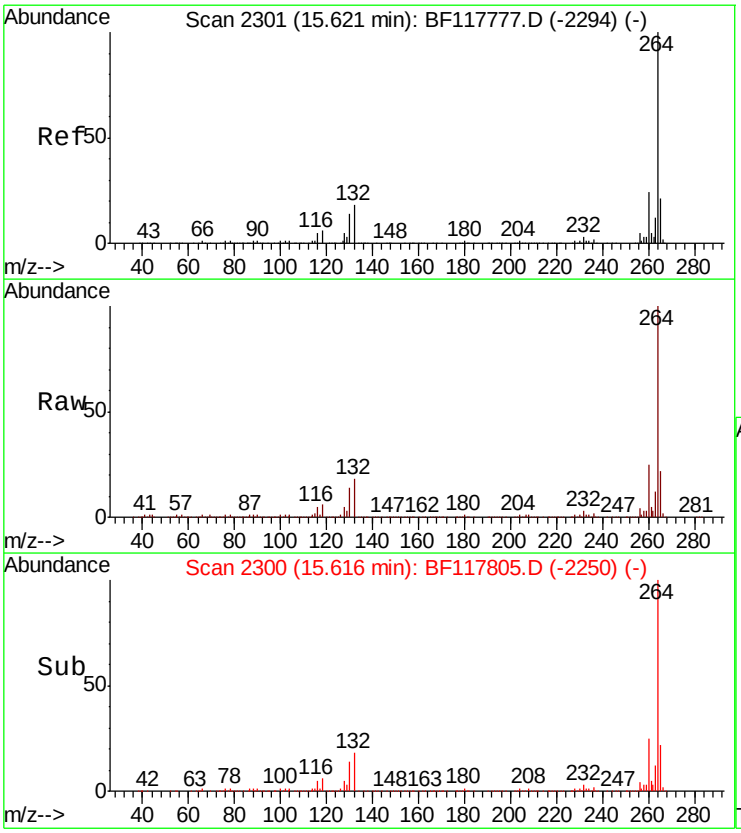
#79
Terphenyl-d14
Concen: 68.039 ng
RT: 13.05 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
EP-6

Tgt Ion:244 Resp: 2367343

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	12.5	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Tgt Ion:264 Resp: 640760

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	22.2	17.1	25.7