Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117964.D
Acq On : 23 Nov 2019 18:42
Operator : JU
Sample : K5951-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IRONBOUND-8FT

Quant Time: Nov 25 08:37:12 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	110966	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	436687	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	235869	20.00	ng	-0.02
64) Phenanthrene-d10	11.44	188	540268	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	452589	20.00	ng	-0.02
87) Perylene-d12	15.59	264	359315	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	921295	146.96	ng	-0.02
7) Phenol-d6	6.53	99	1100292	145.52	ng	-0.02
23) Nitrobenzene-d5	7.46	82	634493	86.37	ng	-0.03
42) 2,4,6-Tribromophenol	10.74	330	424810	170.12	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1229036	93.48	ng	-0.02
79) Terphenyl-d14	13.04	244	1784138	72.05	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.54	94	22248	2.832	ng	95
50) Dimethylphthalate	9.66	163	183067	11.068	ng	98

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

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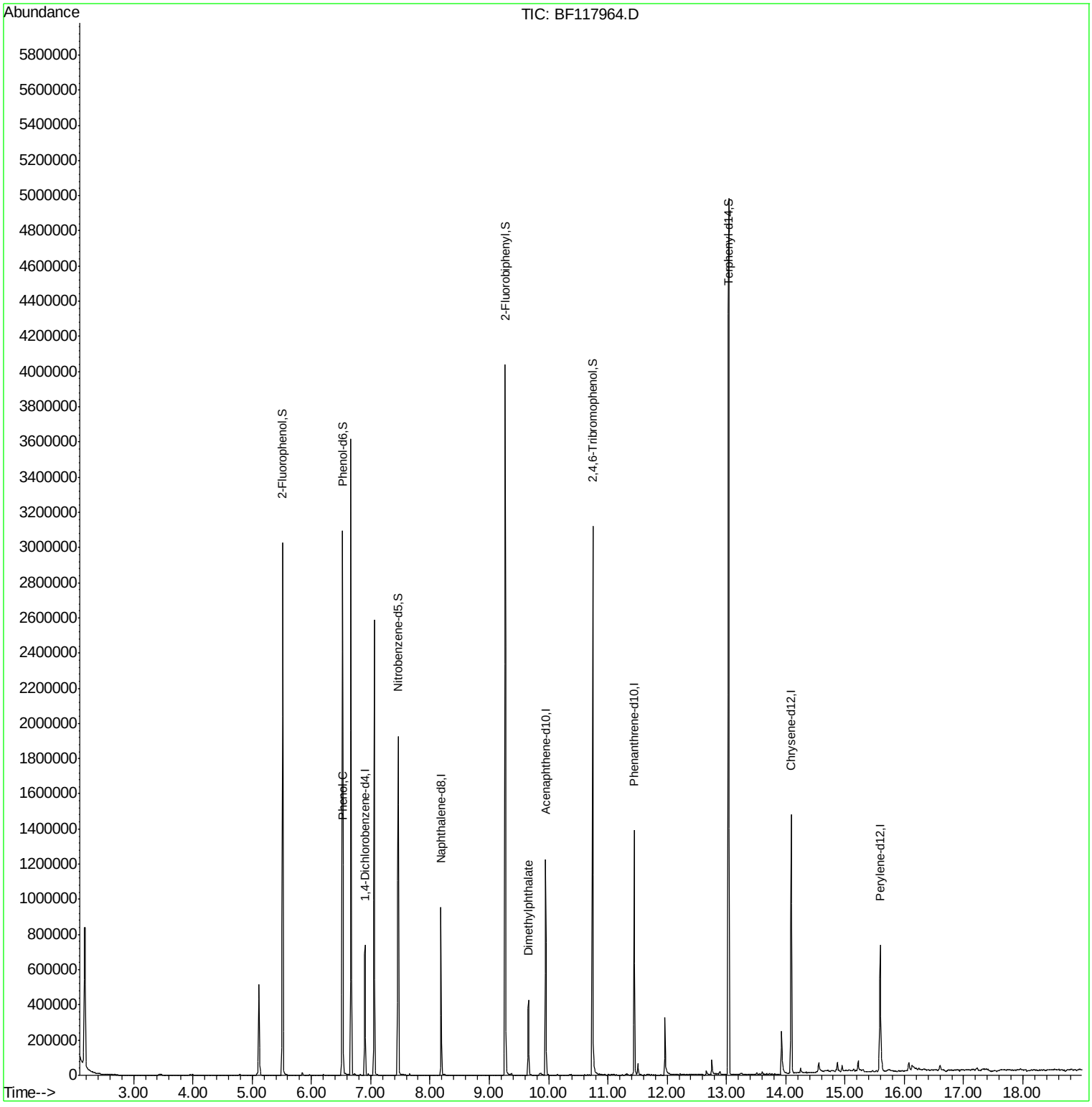
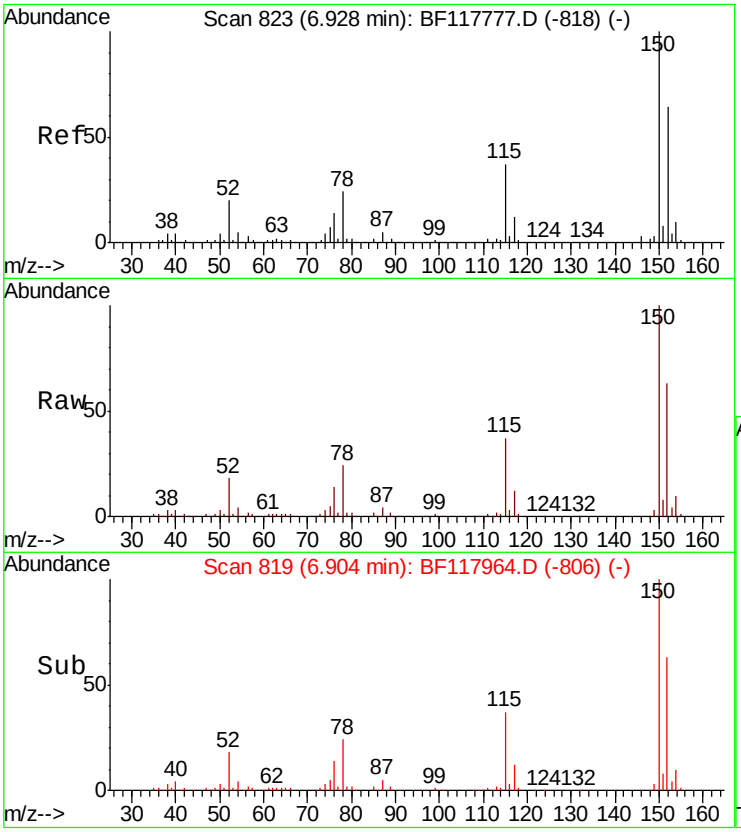


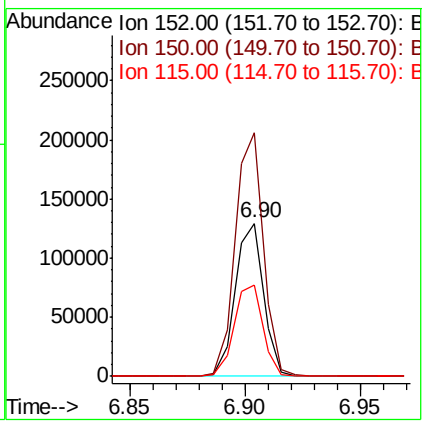


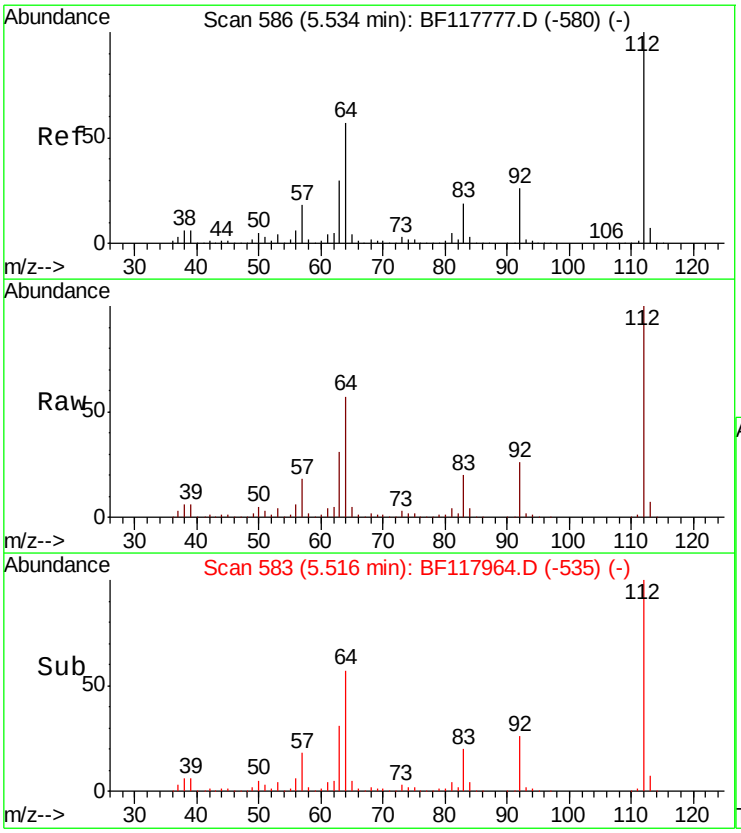
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-8FT

Tgt Ion:152 Resp: 110966

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.3	187.9
115	59.4	47.0	70.4

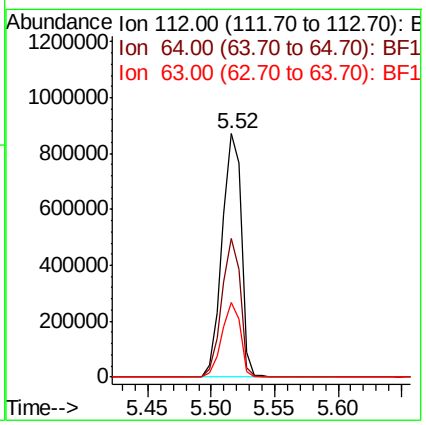


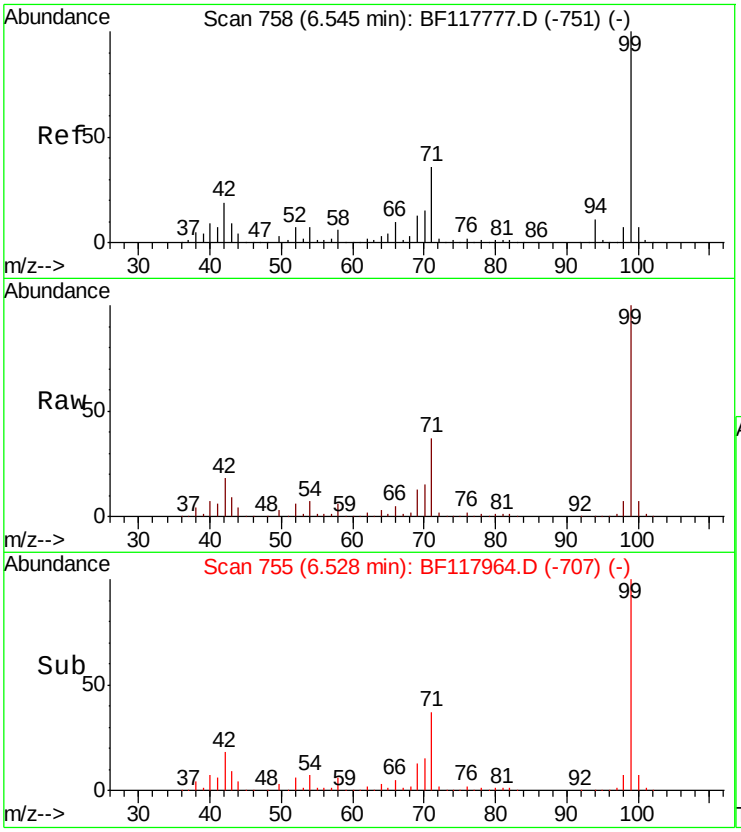


#5
2-Fluorophenol
Concen: 146.963 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion:112 Resp: 921295

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.6	68.4
63	30.8	24.1	36.1



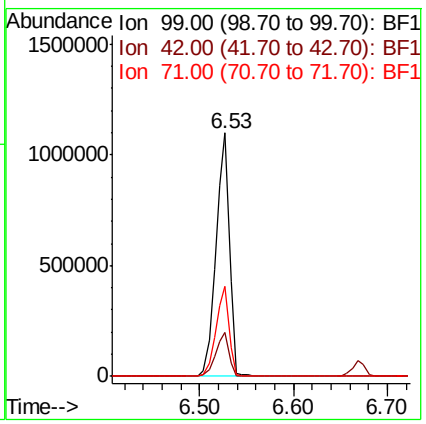


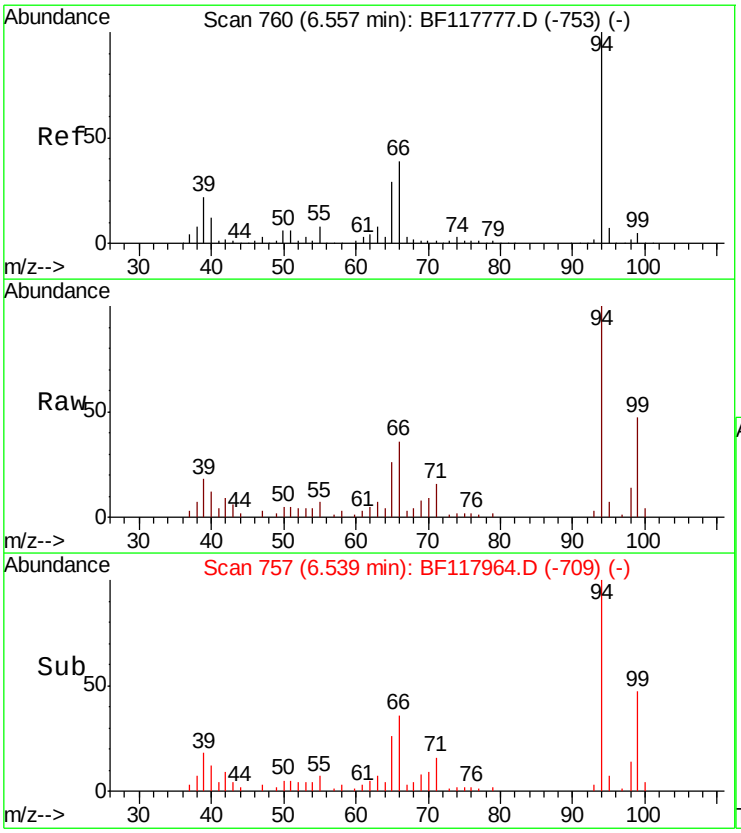
#7
Phenol-d6
Concen: 145.516 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-8FT

Tgt Ion: 99 Resp: 1100292

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.9	22.3
71	37.2	28.6	43.0

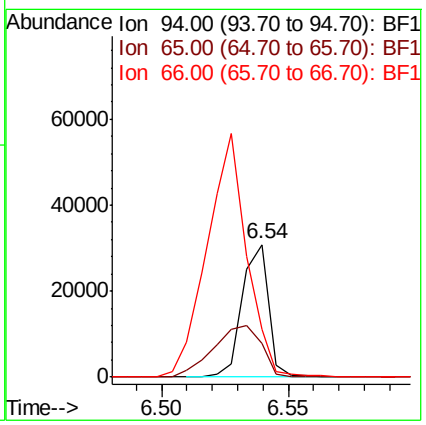


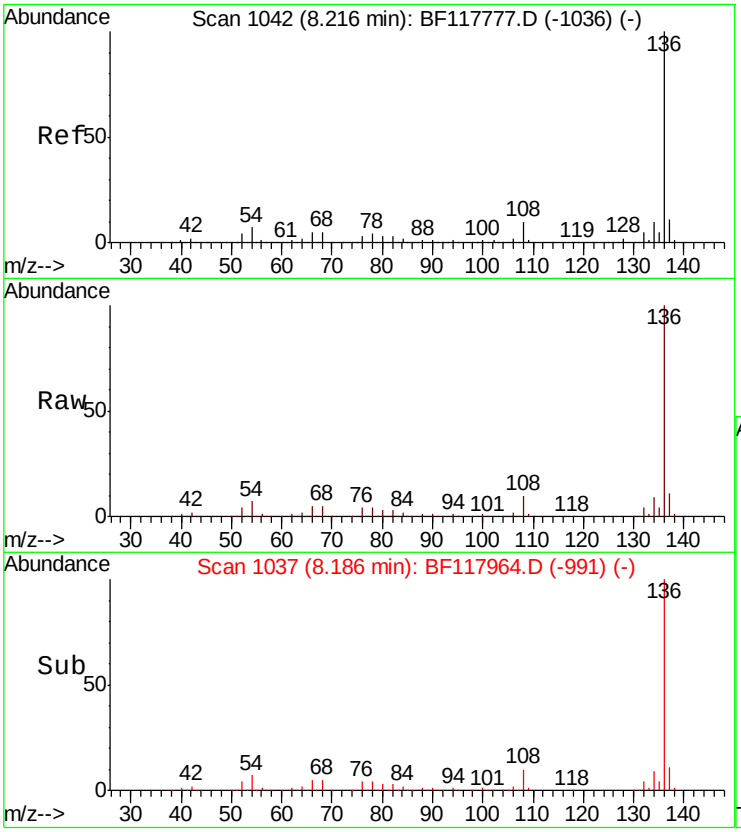


#10
Phenol
Concen: 2.832 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion: 94 Resp: 22248

Ion	Ratio	Lower	Upper
94	100		
65	25.8	8.9	48.9
66	36.0	18.7	58.7



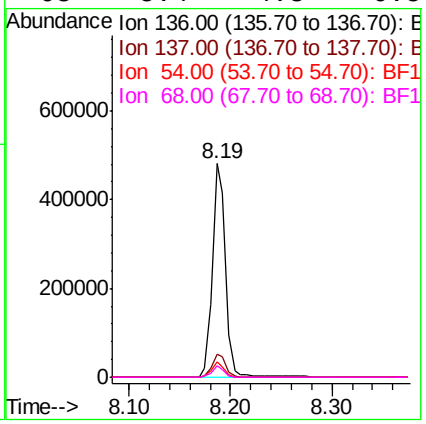


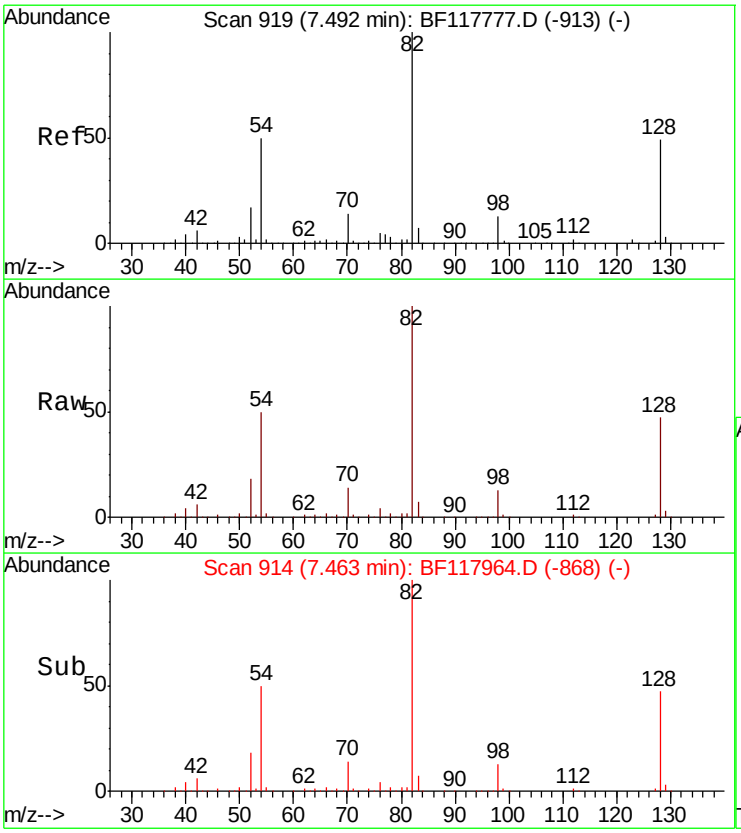
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-8FT

Tgt Ion:136 Resp: 436687

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.1	5.4	8.2
68	5.4	4.3	6.5

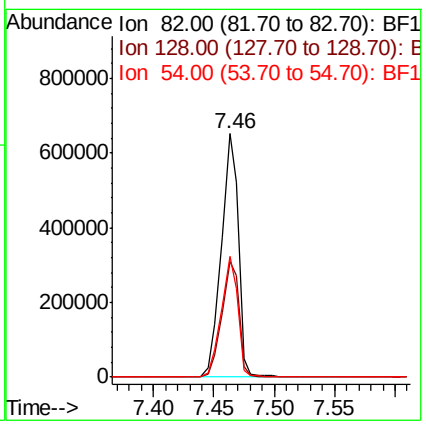


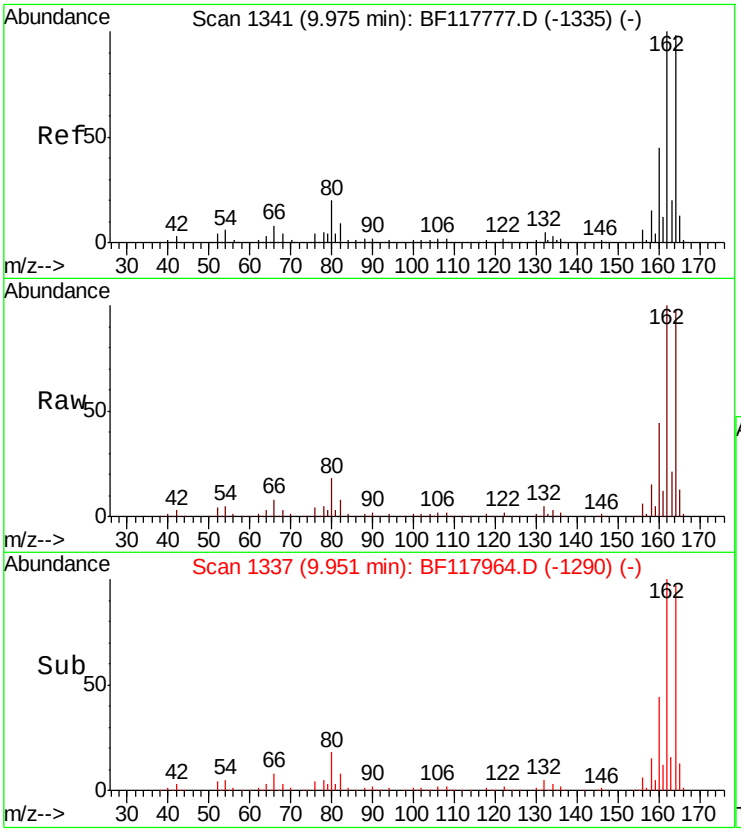


#23
Nitrobenzene-d5
Concen: 86.373 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion: 82 Resp: 634493

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



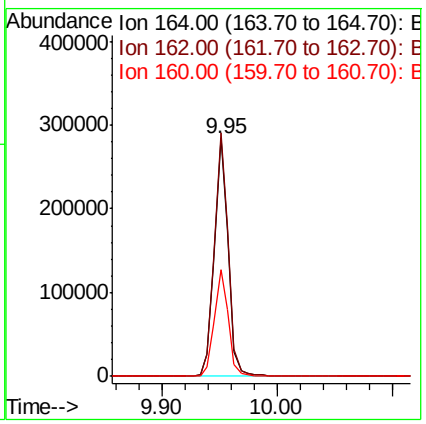


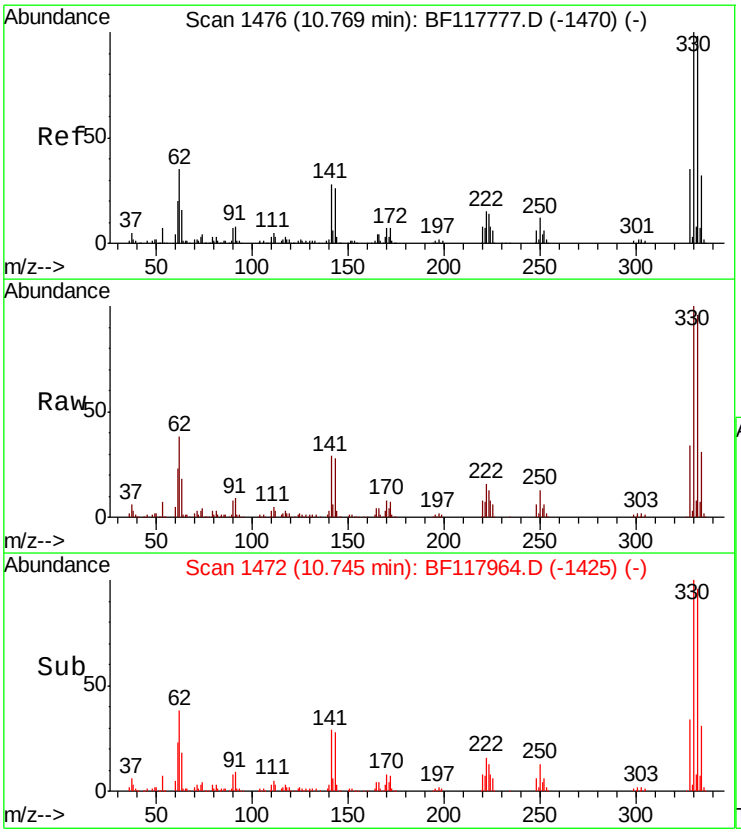
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-8FT

Tgt Ion:164 Resp: 235869

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.3	121.9
160	44.8	36.6	55.0

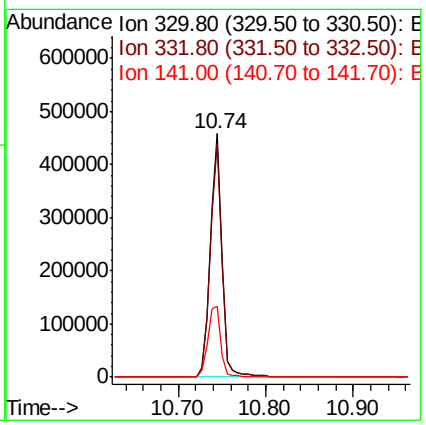


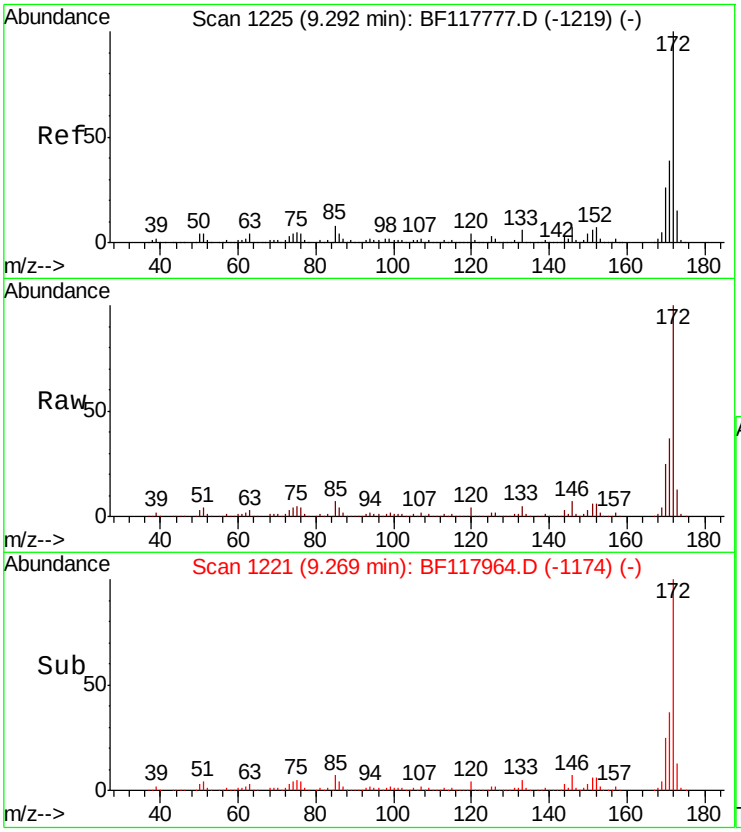


#42
2,4,6-Tribromophenol
Concen: 170.120 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion:330 Resp: 424810

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	32.6	27.7	41.5



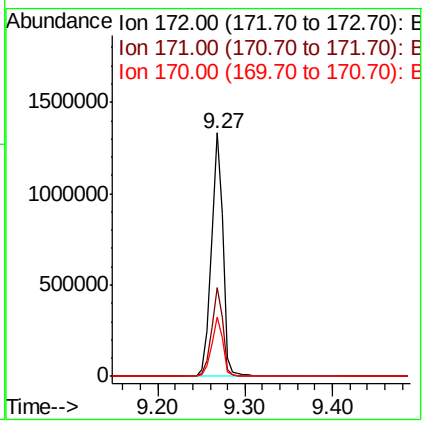


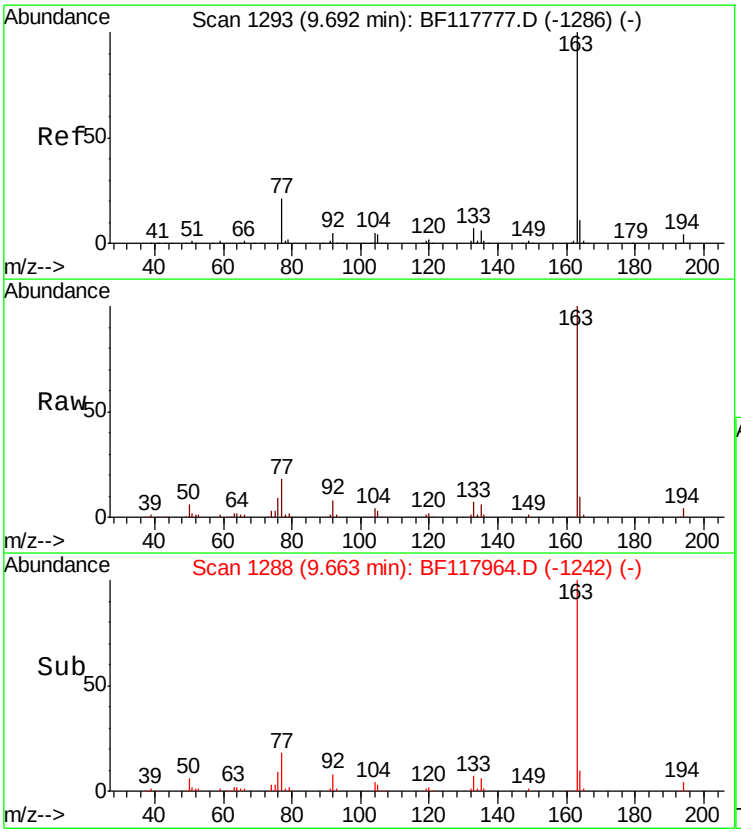
#45
2-Fluorobiphenyl
Concen: 93.481 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-8FT

Tgt Ion:172 Resp: 1229036

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.9	46.3
170	24.6	21.0	31.4

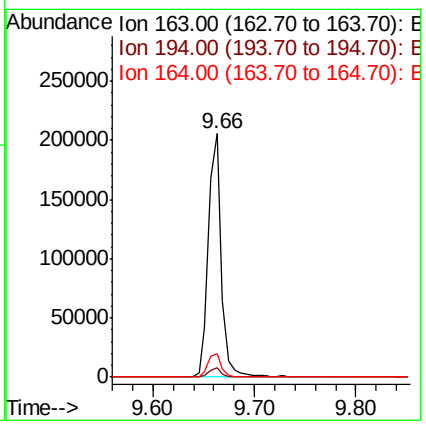


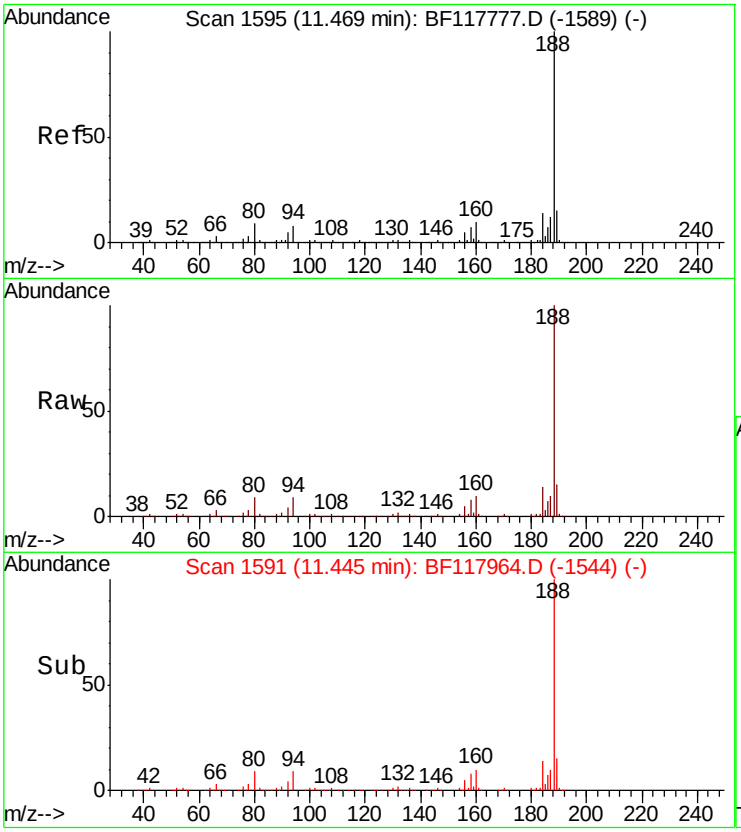


#50
Dimethylphthalate
Concen: 11.068 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion:163 Resp: 183067

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.8	8.7	13.1



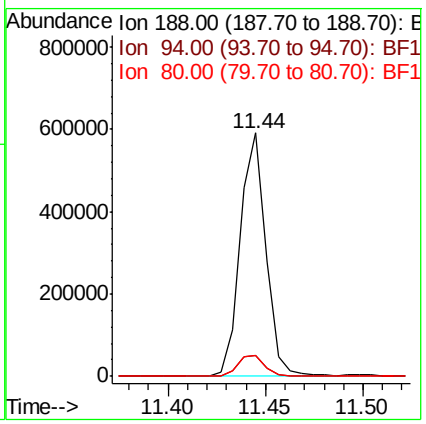


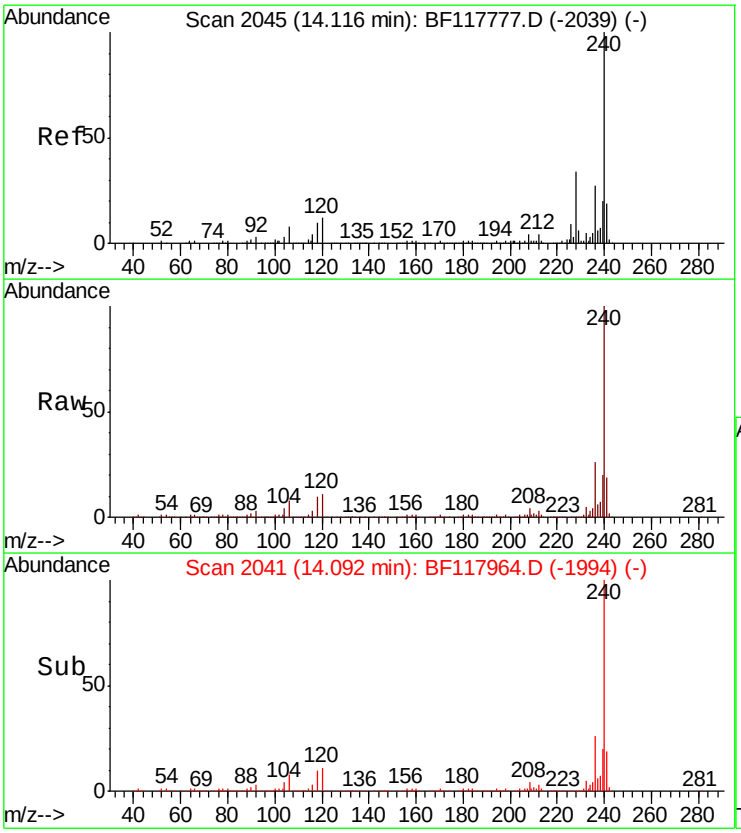
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-8FT

Tgt Ion:188 Resp: 540268

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

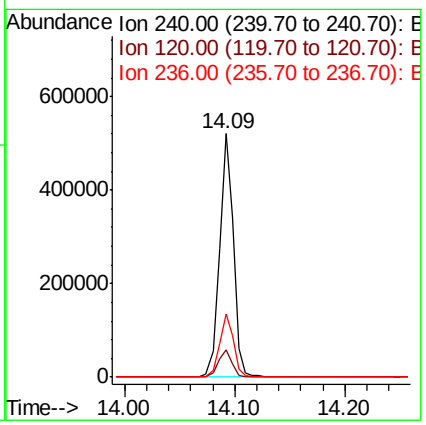


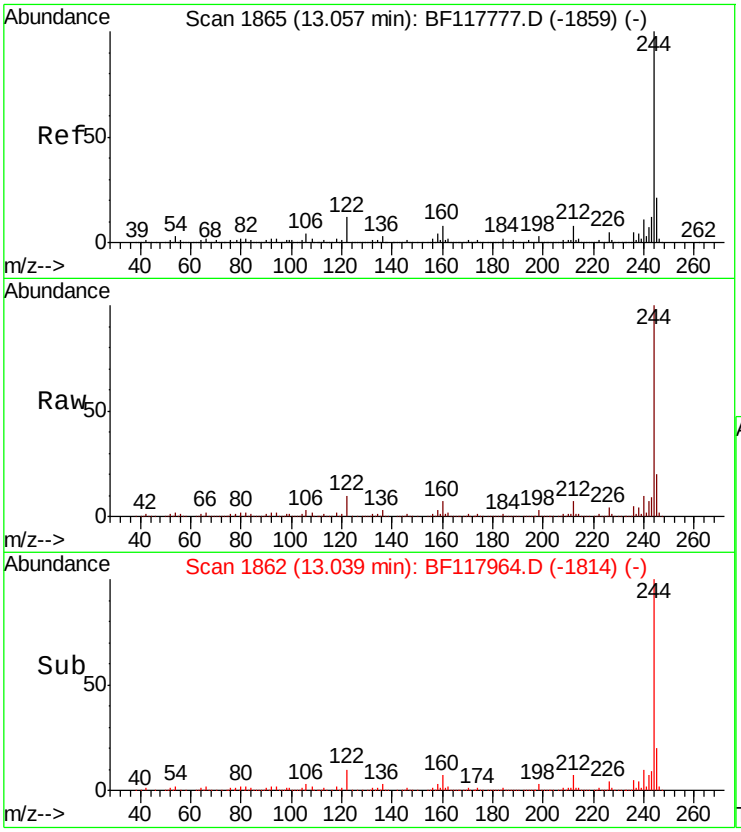


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion:240 Resp: 452589

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.5	14.3
236	25.9	21.3	31.9



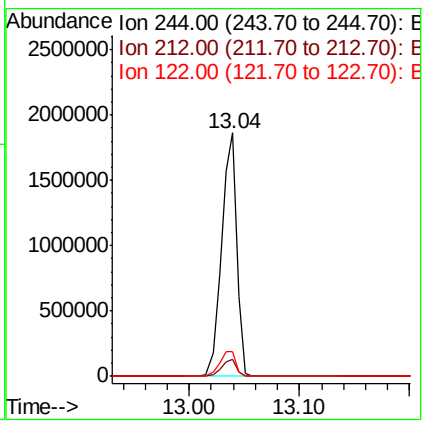


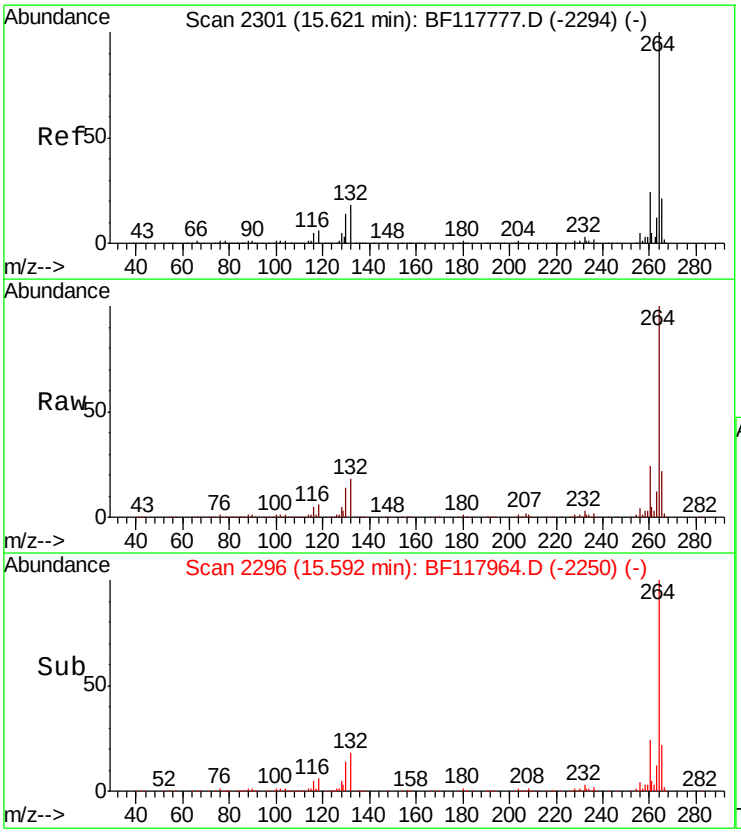
#79
Terphenyl-d14
Concen: 72.046 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-8FT

Tgt Ion:244 Resp: 1784138

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	10.2	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.03 min
Lab File: BF117964.D
Acq: 23 Nov 2019 18:42

Tgt Ion:264 Resp: 359315

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.8	17.1	25.7