Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
Data File : BF111959.D
Acq On : 9 Jan 2019 19:43
Operator : JU/SJ
Sample : K1074-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W12-6

Quant Time: Jan 10 03:04:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	119134	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	427050	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	196510	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	335805	20.00	ng	0.00
76) Chrysene-d12	14.05	240	281503	20.00	ng	0.00
87) Perylene-d12	15.54	264	205837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	646998	92.91	ng	0.00
7) Phenol-d6	6.53	99	807549	89.98	ng	0.00
23) Nitrobenzene-d5	7.45	82	497637	62.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	182779	71.51	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	803368	59.61	ng	-0.01
79) Terphenyl-d14	12.99	244	690127	46.54	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.53	94	28327	2.904	ng	91
50) Dimethylphthalate	9.63	163	64732	4.385	ng	98

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

Quantitation Report (QT Reviewed)

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Data File : BF111959.D
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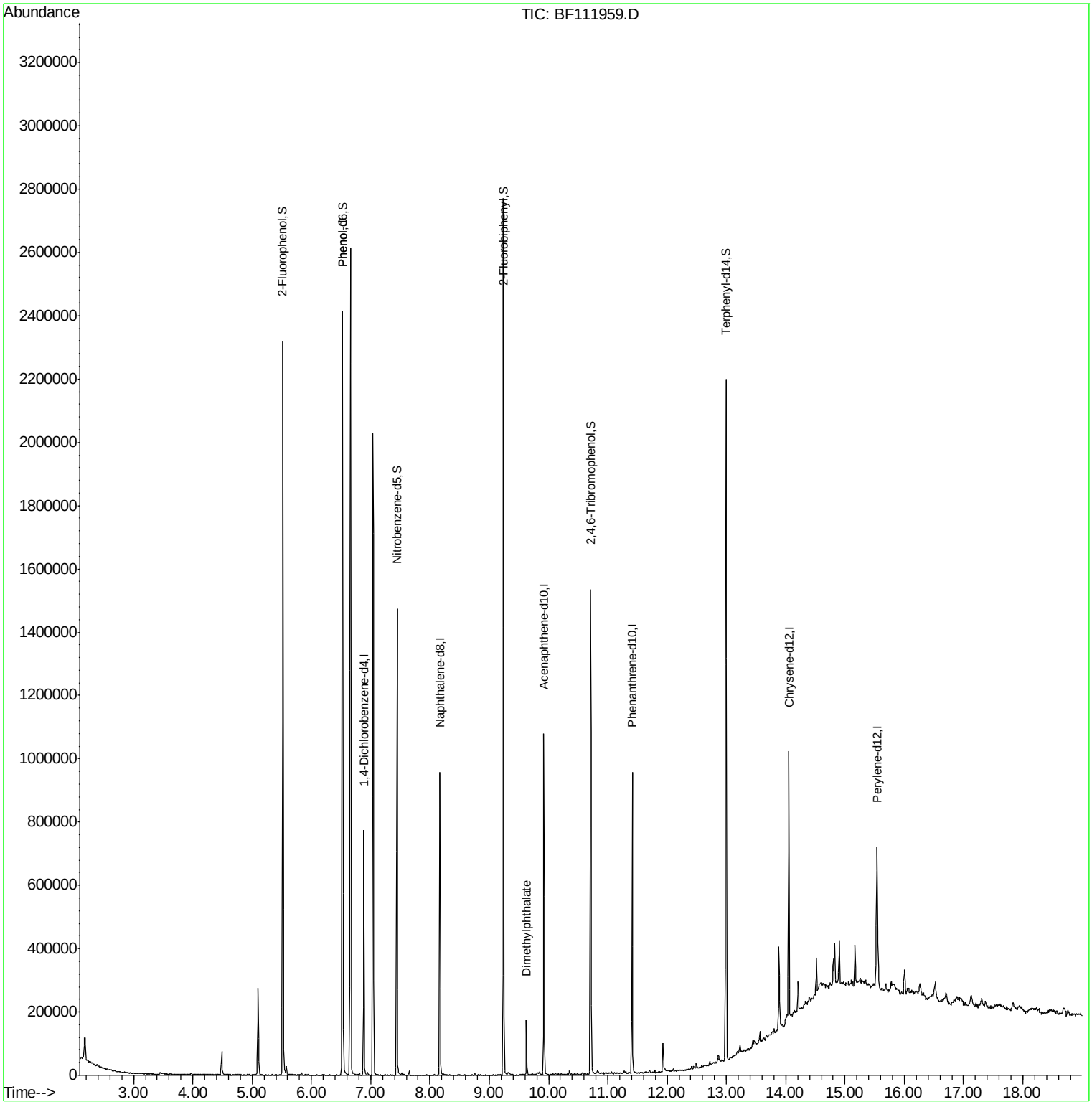
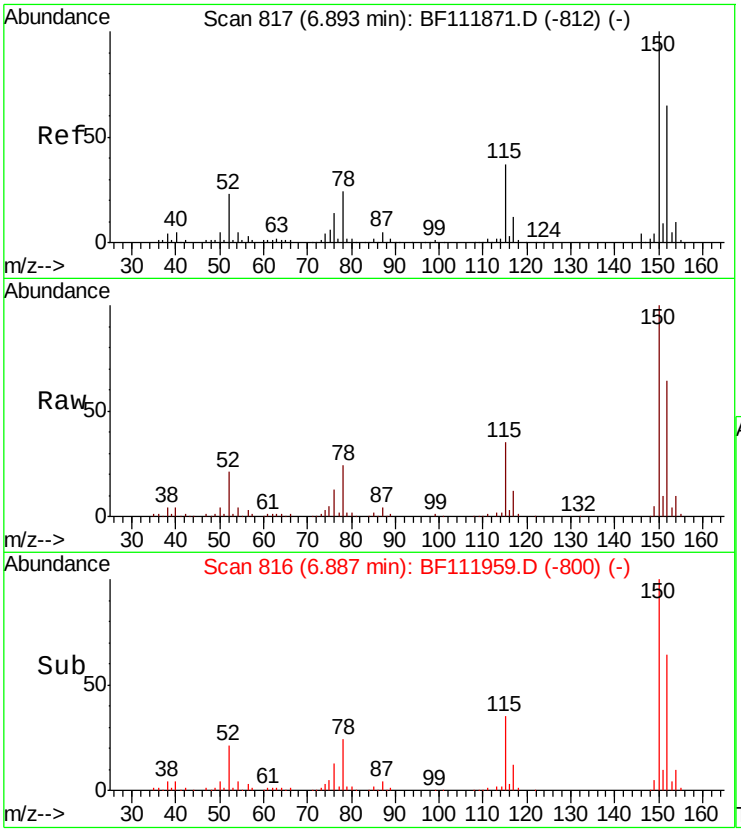


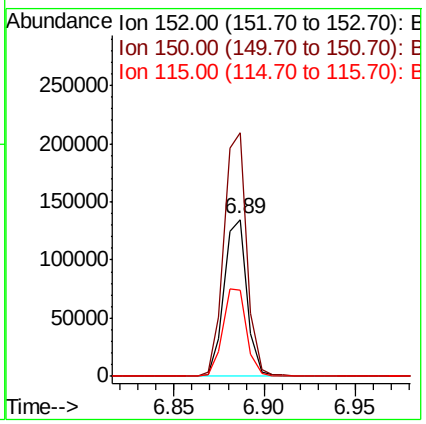


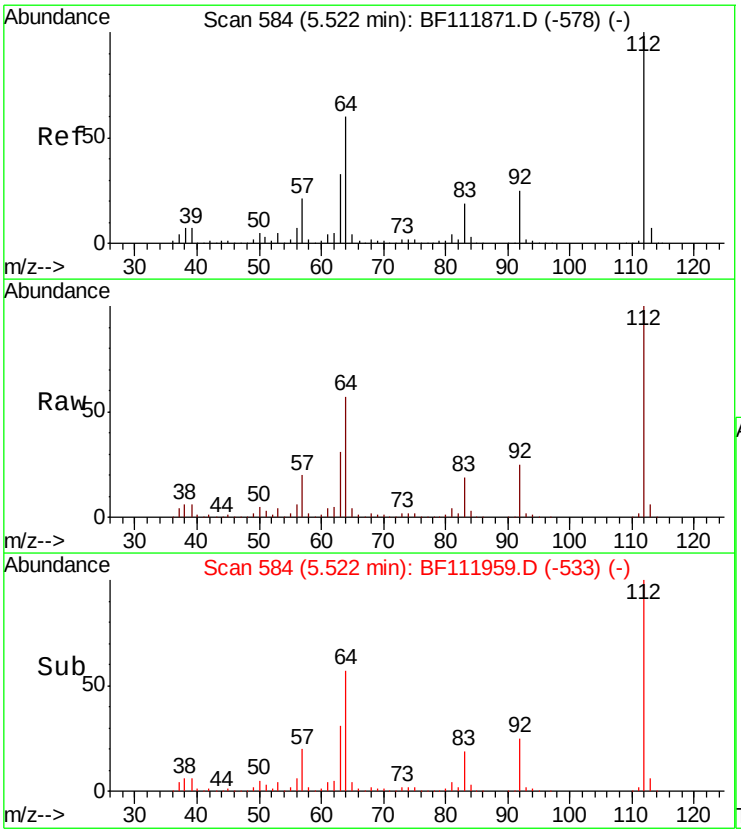
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :
W12-6

Tgt Ion:152 Resp: 119134

Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.7	184.1
115	55.1	45.2	67.8

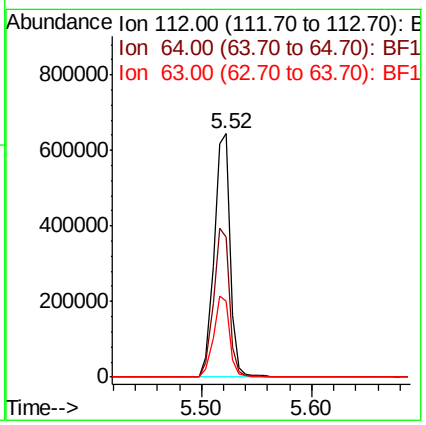


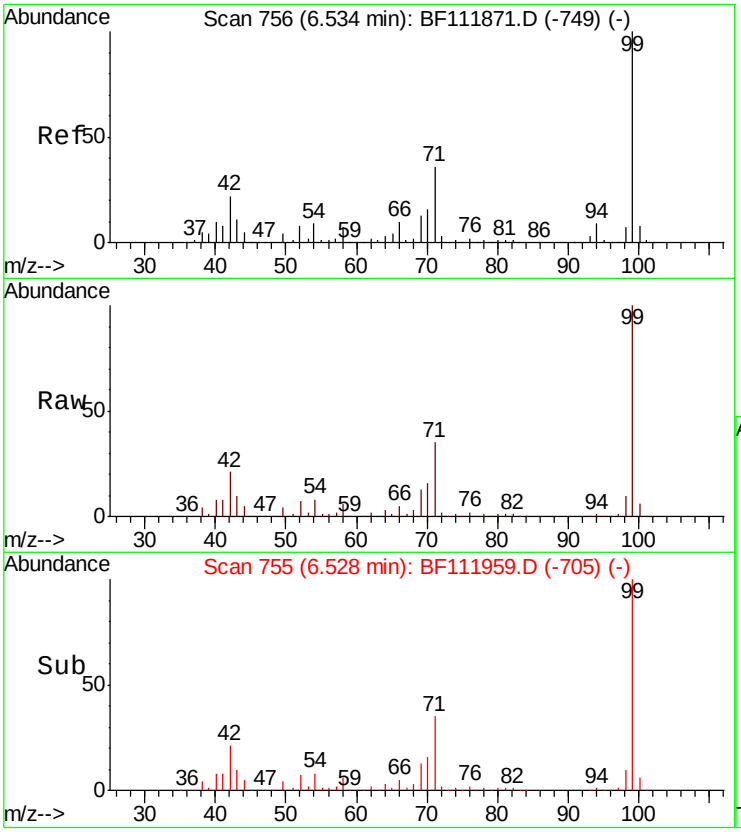


#5
2-Fluorophenol
Concen: 92.912 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Tgt Ion:112 Resp: 646998

Ion	Ratio	Lower	Upper
112	100		
64	57.4	48.3	72.5
63	31.4	26.1	39.1



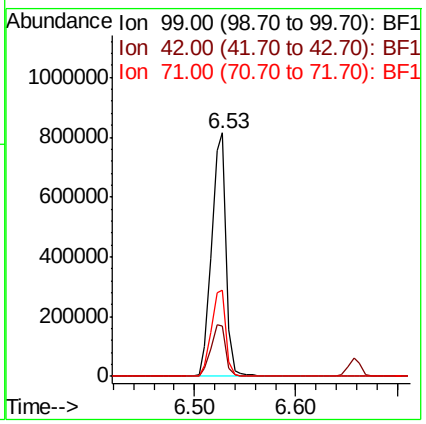


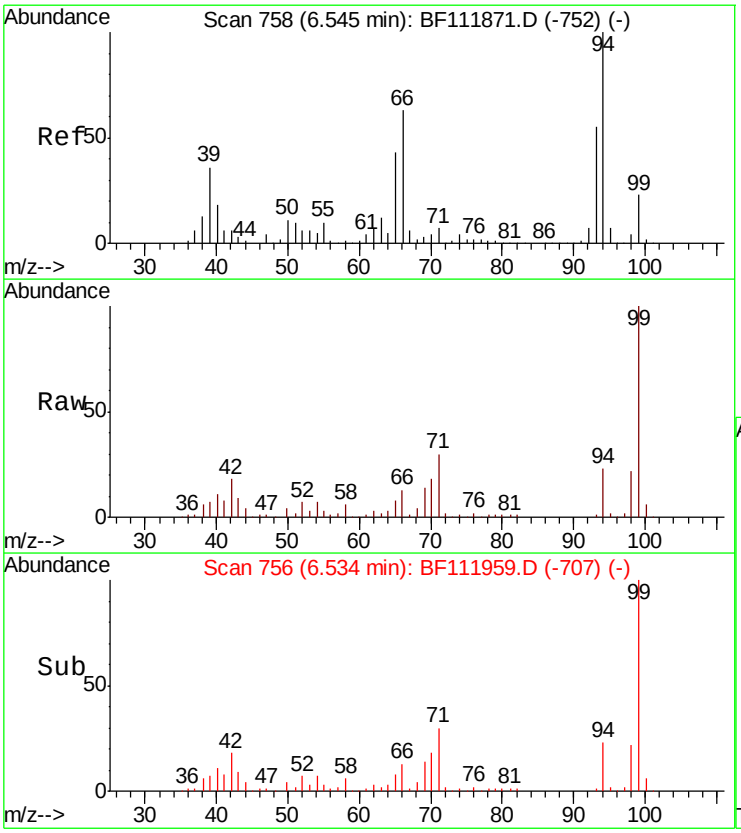
#7
Phenol-d6
Concen: 89.975 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :
W12-6

Tgt Ion: 99 Resp: 807549

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.9	26.9
71	35.4	28.7	43.1

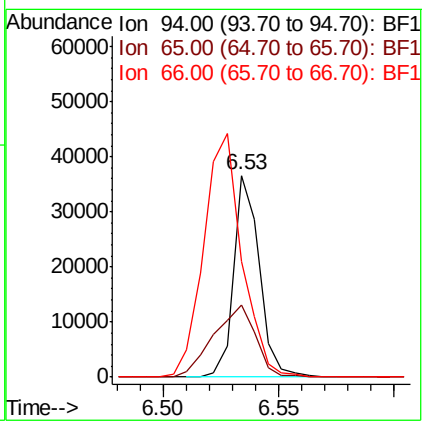


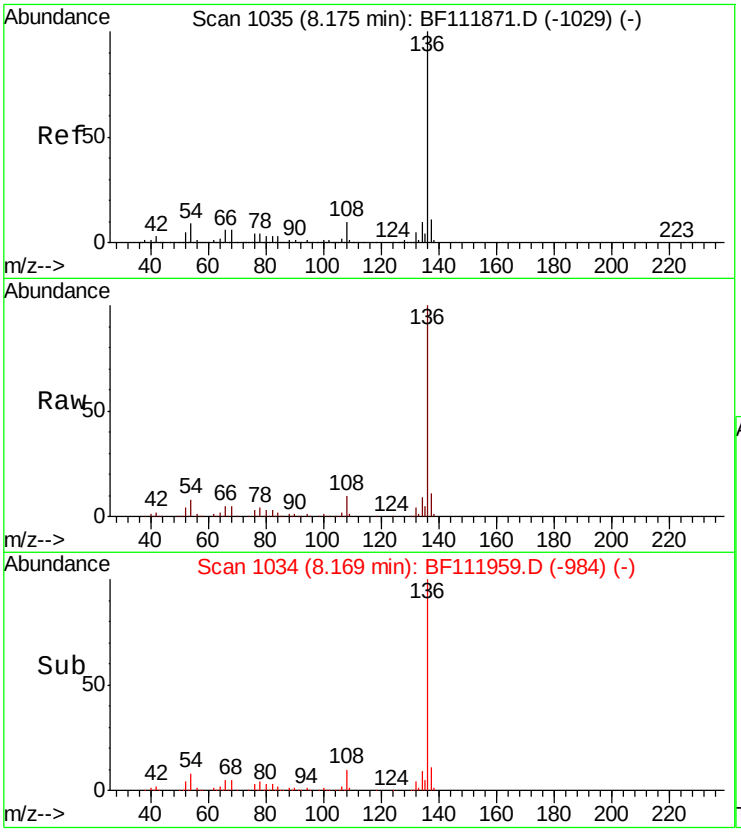


#10
Phenol
Concen: 2.904 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Tgt Ion: 94 Resp: 28327

Ion	Ratio	Lower	Upper
94	100		
65	35.7	22.8	62.8
66	57.1	43.3	83.3



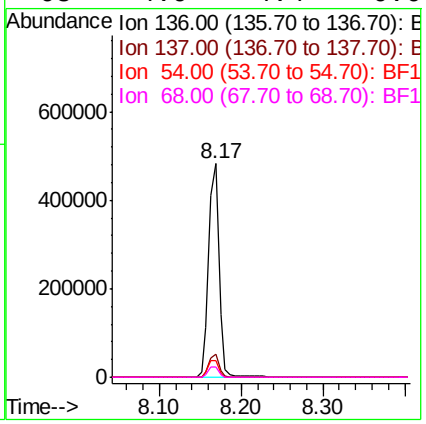


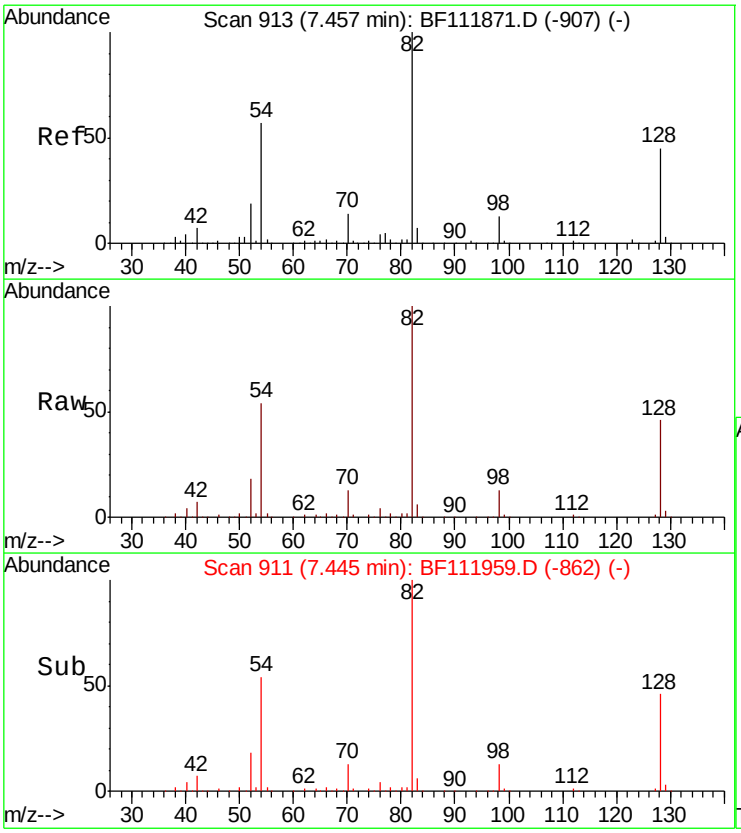
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :
W12-6

Tgt Ion:136 Resp: 427050

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.9	7.2	10.8
68	4.9	4.4	6.6

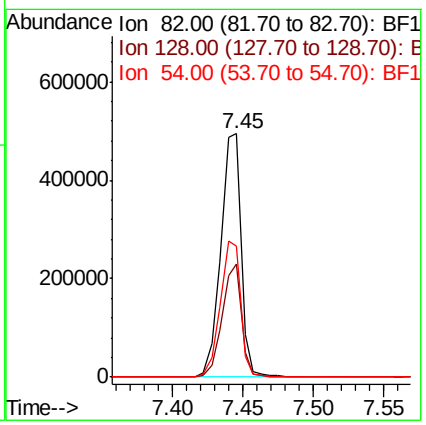


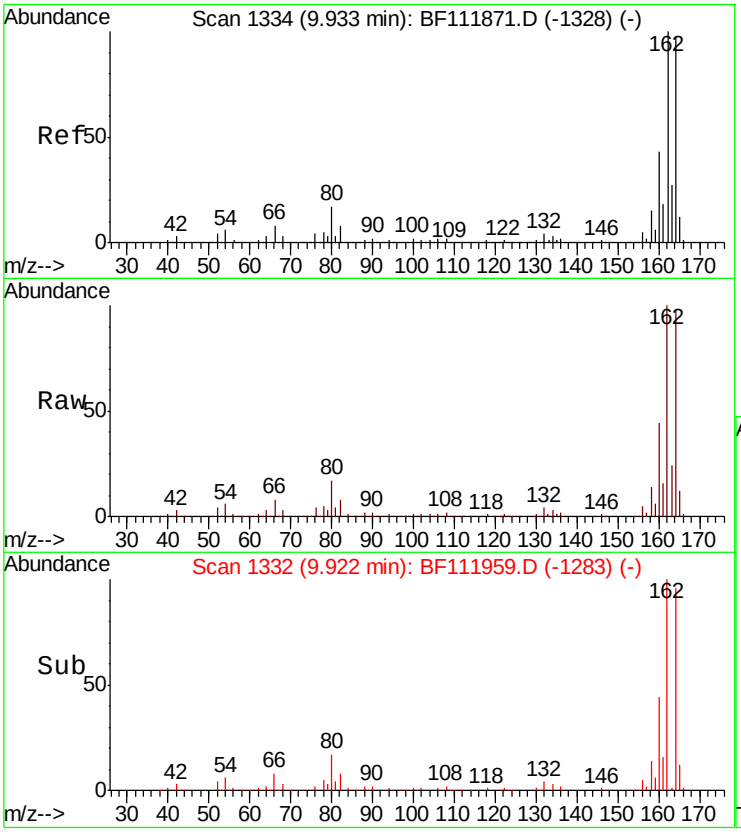


#23
Nitrobenzene-d5
Concen: 62.279 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Tgt Ion: 82 Resp: 497637

Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.7	53.5
54	53.6	45.8	68.8



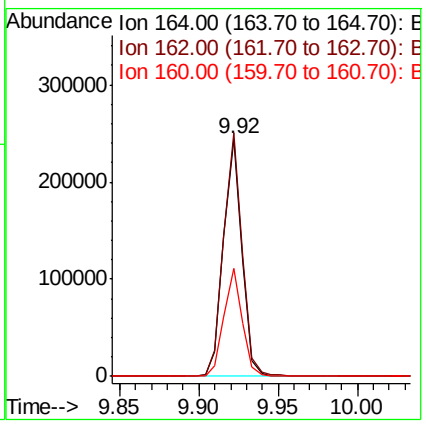


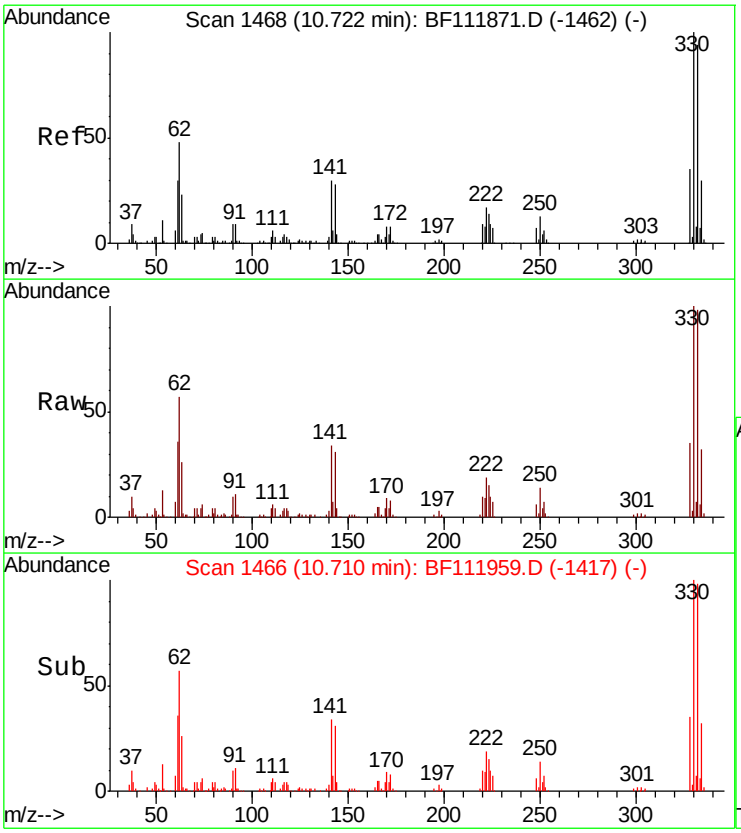
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :
W12-6

Tgt Ion:164 Resp: 196510

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.2
160	45.1	35.5	53.3

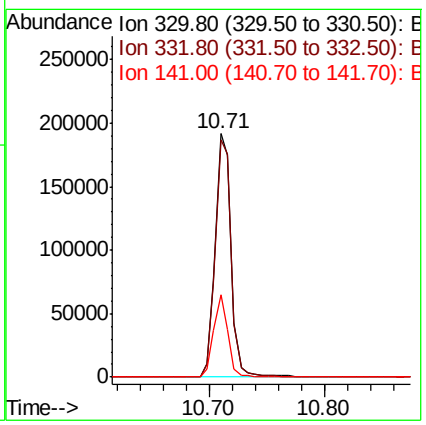


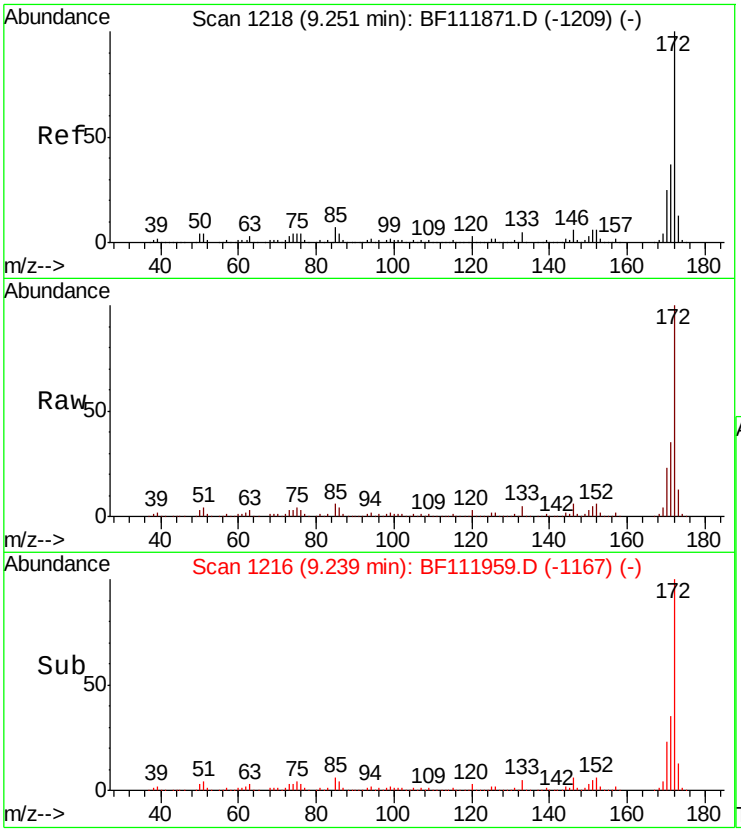


#42
2,4,6-Tribromophenol
Concen: 71.510 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Tgt Ion:330 Resp: 182779

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.9	115.3
141	30.1	23.7	35.5



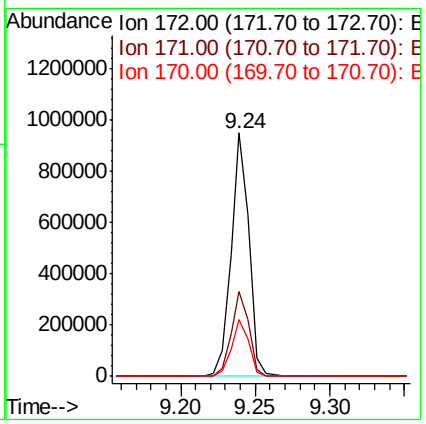


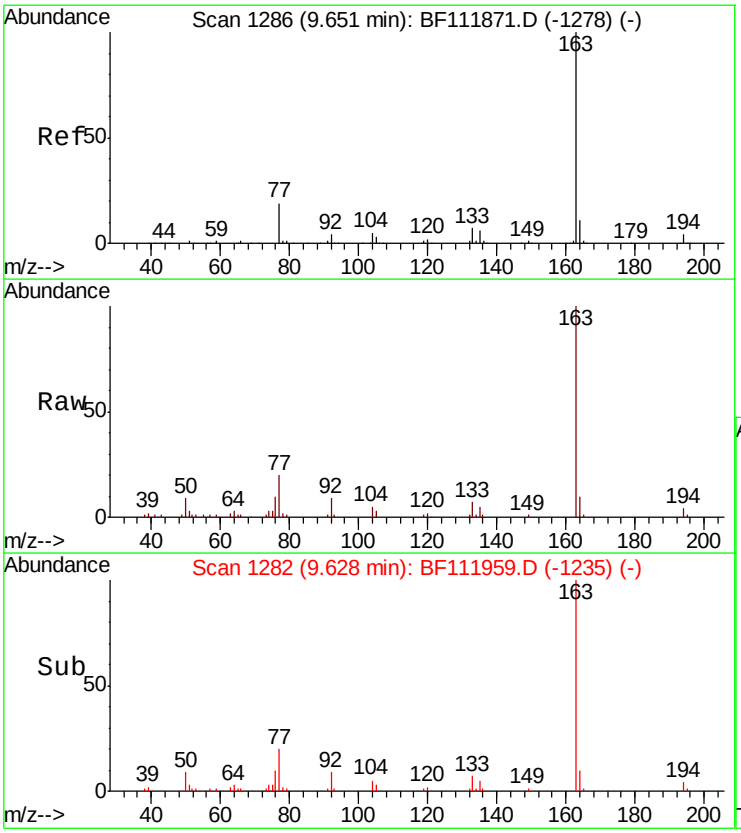
#45
2-Fluorobiphenyl
Concen: 59.614 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :
W12-6

Tgt Ion:172 Resp: 803368

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.5	19.8	29.8

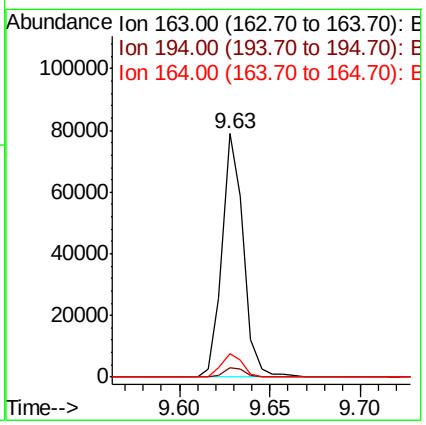


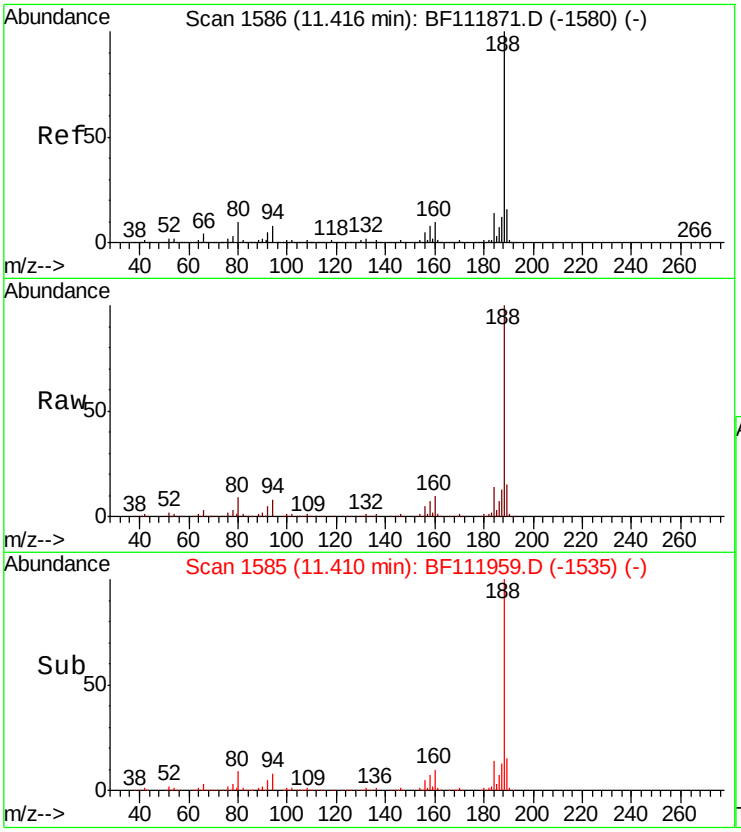


#50
Dimethylphthalate
Concen: 4.385 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Tgt Ion:163 Resp: 64732

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.6	8.5	12.7



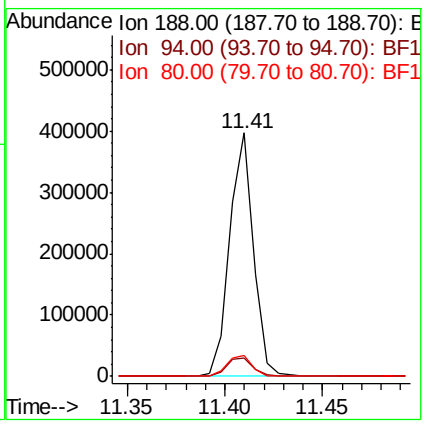


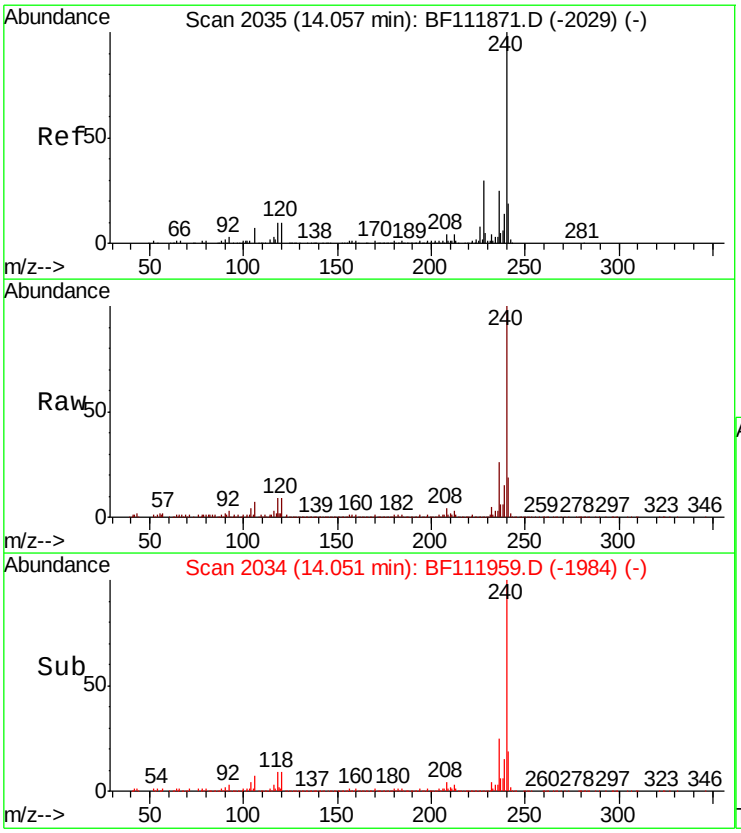
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :
W12-6

Tgt Ion:188 Resp: 335805

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.6	10.0
80	8.8	7.7	11.5

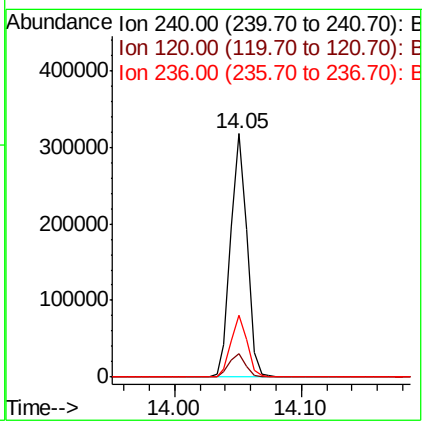


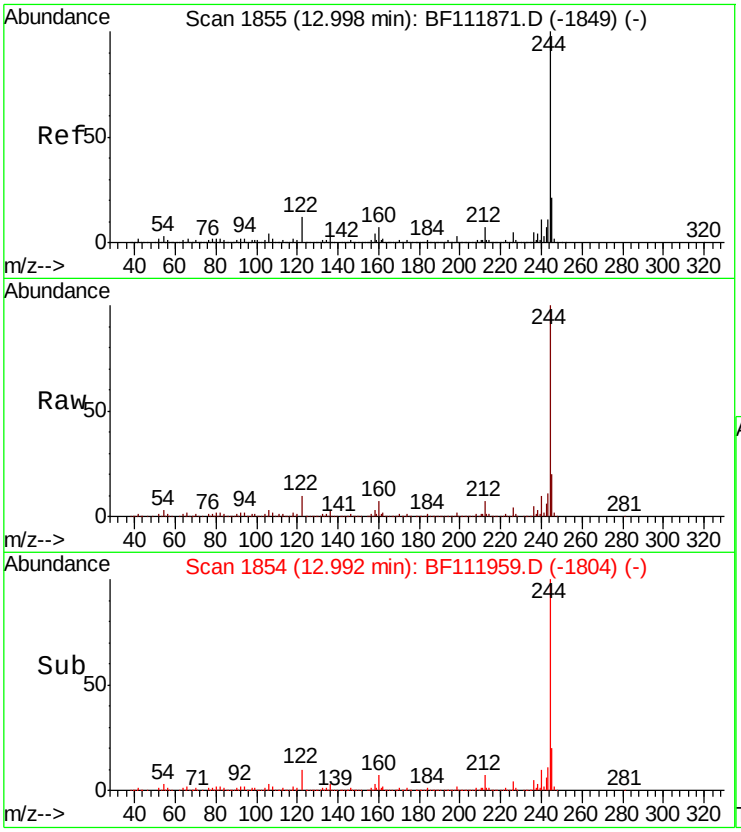


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Tgt Ion:240 Resp: 281503

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	25.6	20.2	30.4



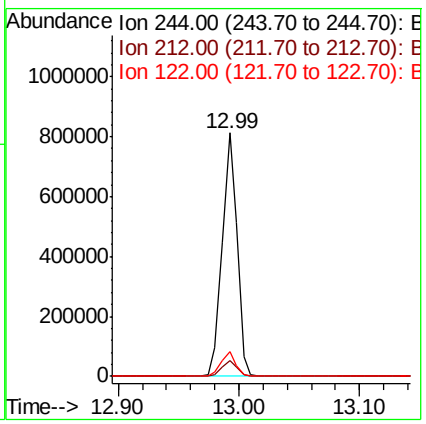


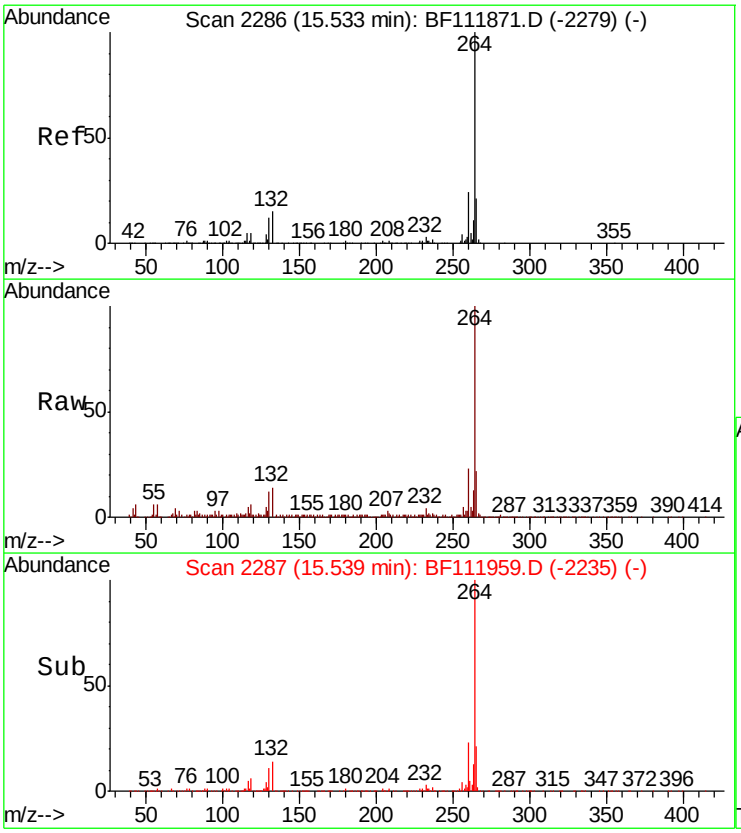
#79
Terphenyl-d14
Concen: 46.536 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Instrument :
BNA_F
ClientSampleId :
W12-6

Tgt Ion:244 Resp: 690127

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.1	9.5	14.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111959.D
Acq: 9 Jan 2019 19:43

Tgt Ion:264 Resp: 205837

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.5	17.1	25.7