Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110915.D
Acq On : 21 Nov 2018 2:08
Operator : JU/SJ
Sample : J6003-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NON-UST-02R

Quant Time: Nov 21 06:08:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	64183	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	250081	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	101602	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	162829	20.00	ng	0.00
76) Chrysene-d12	14.13	240	135116	20.00	ng	0.00
87) Perylene-d12	15.67	264	89171	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	528737	133.81	ng	0.00
7) Phenol-d6	6.57	99	653783	129.39	ng	0.00
23) Nitrobenzene-d5	7.51	82	416288	95.86	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	119075	116.31	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	700193	98.42	ng	0.00
79) Terphenyl-d14	13.06	244	548788	76.06	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.58	94	33417	5.704	ng	84
50) Dimethylphthalate	9.69	163	68189	8.994	ng	98

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

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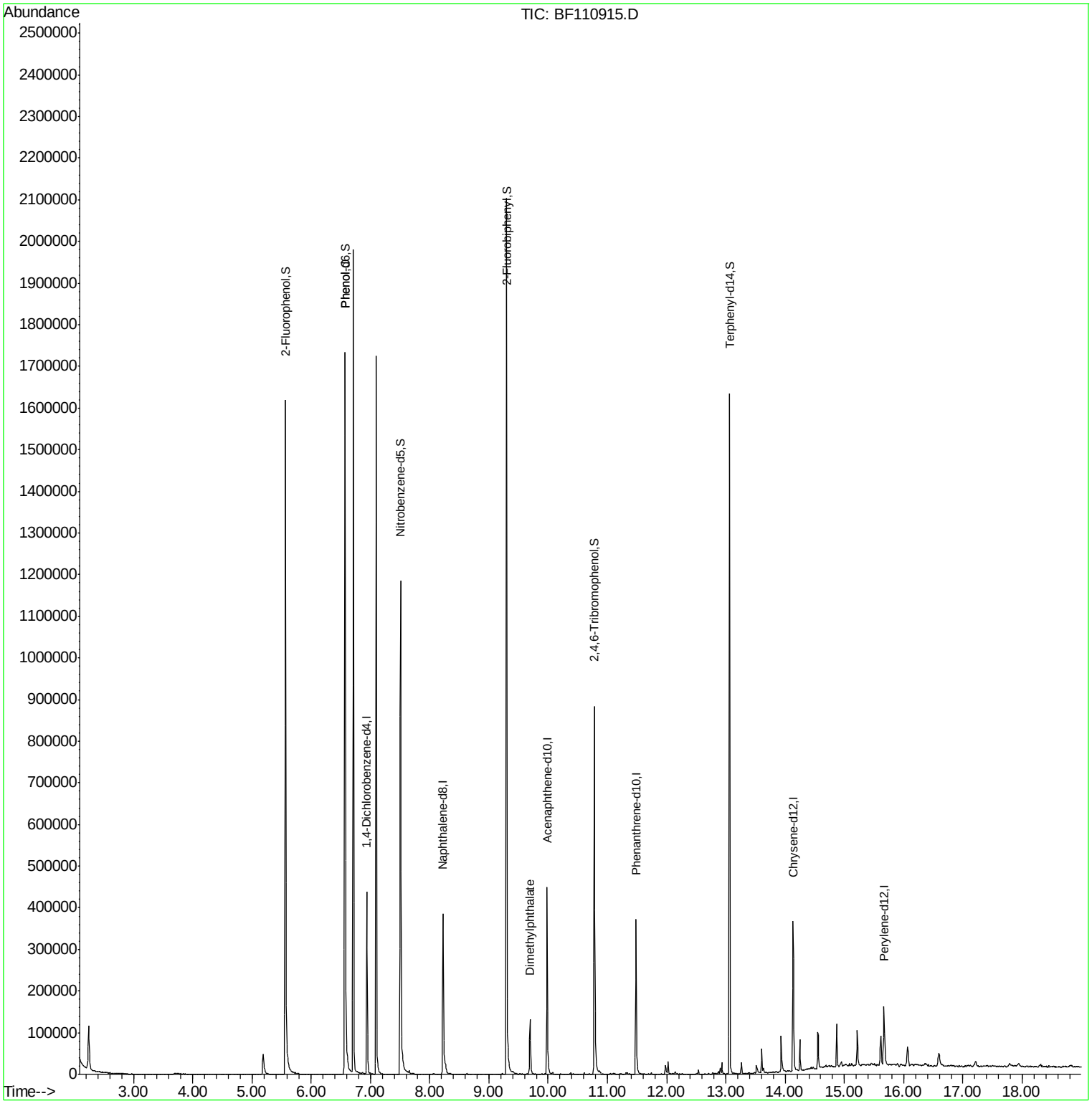
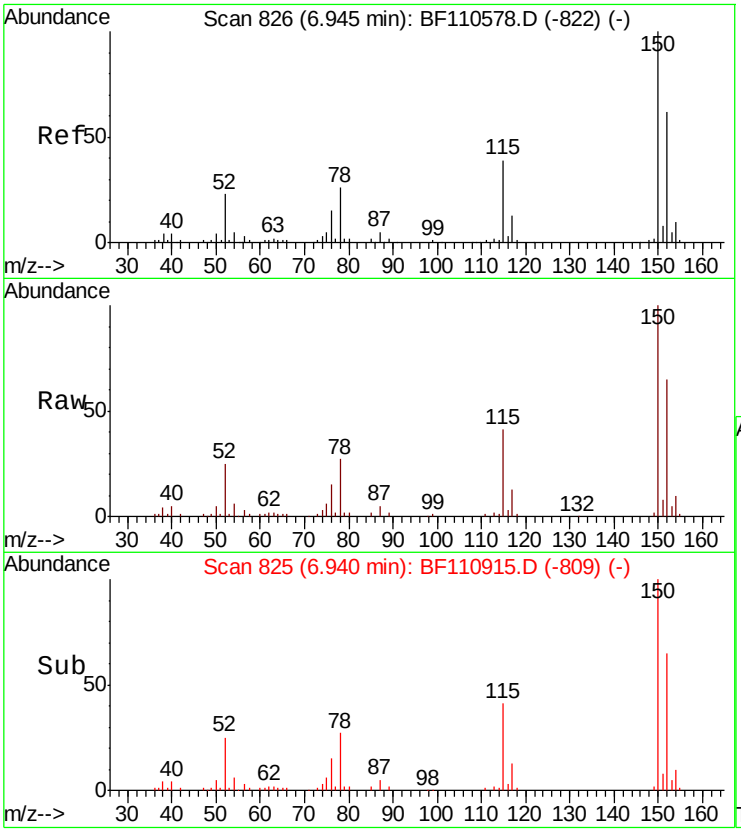


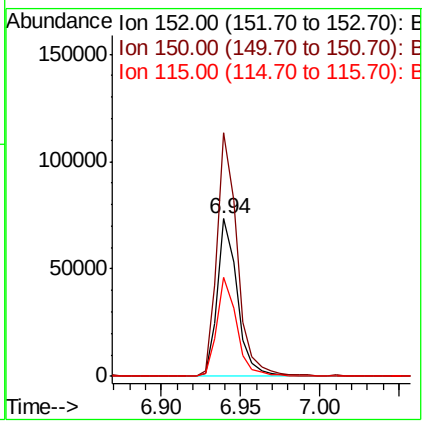


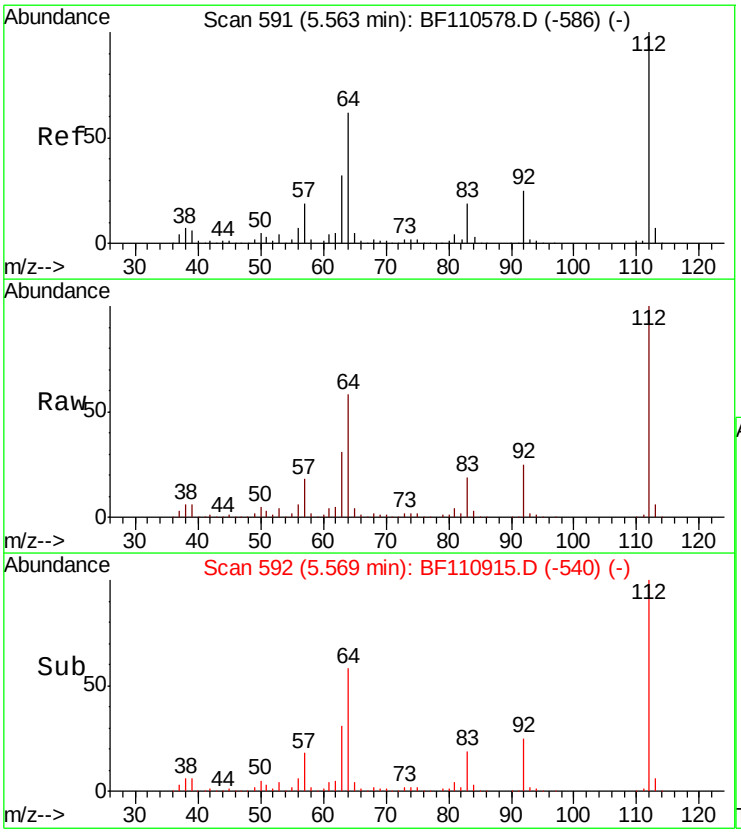
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

Tgt Ion:152 Resp: 64183

Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.7	184.1
115	63.2	49.1	73.7

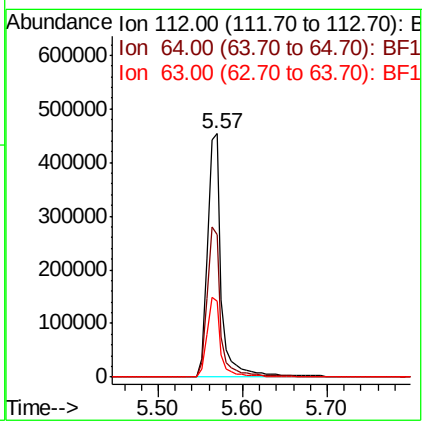


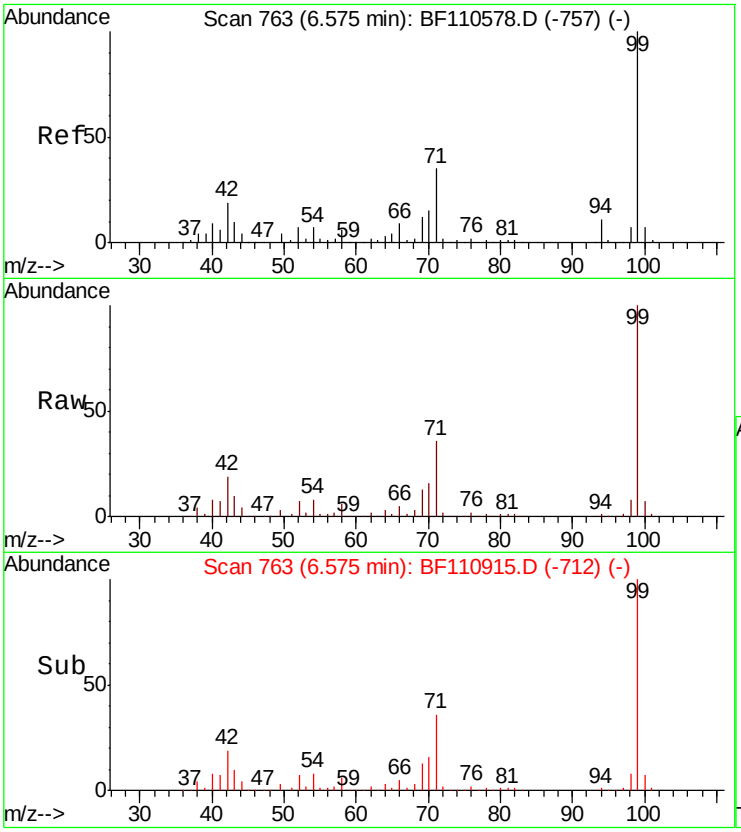


#5
2-Fluorophenol
Concen: 133.810 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Tgt Ion:112 Resp: 528737

Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	31.1	23.7	35.5



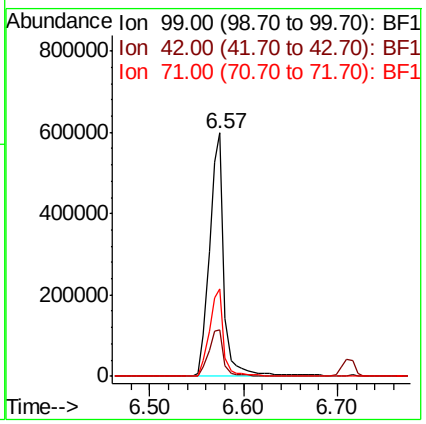


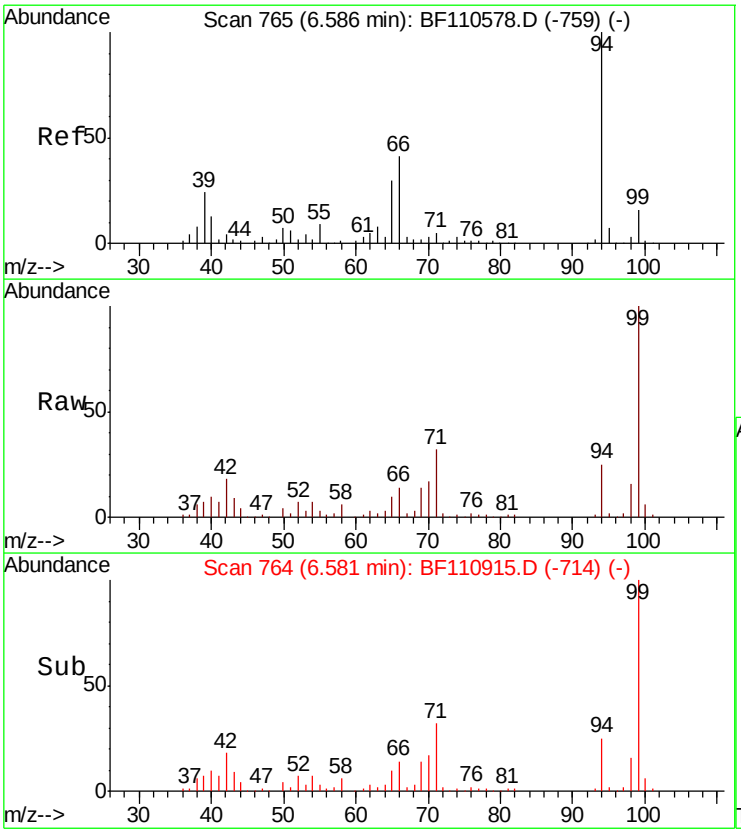
#7
Phenol-d6
Concen: 129.388 ng
RT: 6.57 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

Tgt Ion: 99 Resp: 653783

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	35.7	28.0	42.0

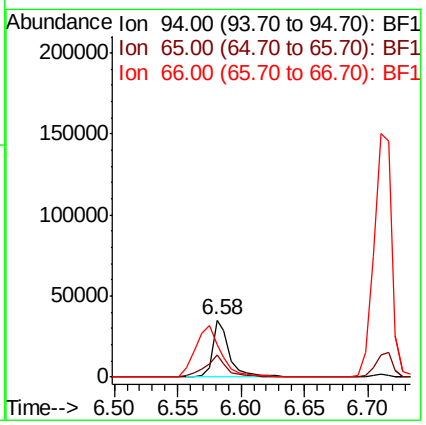


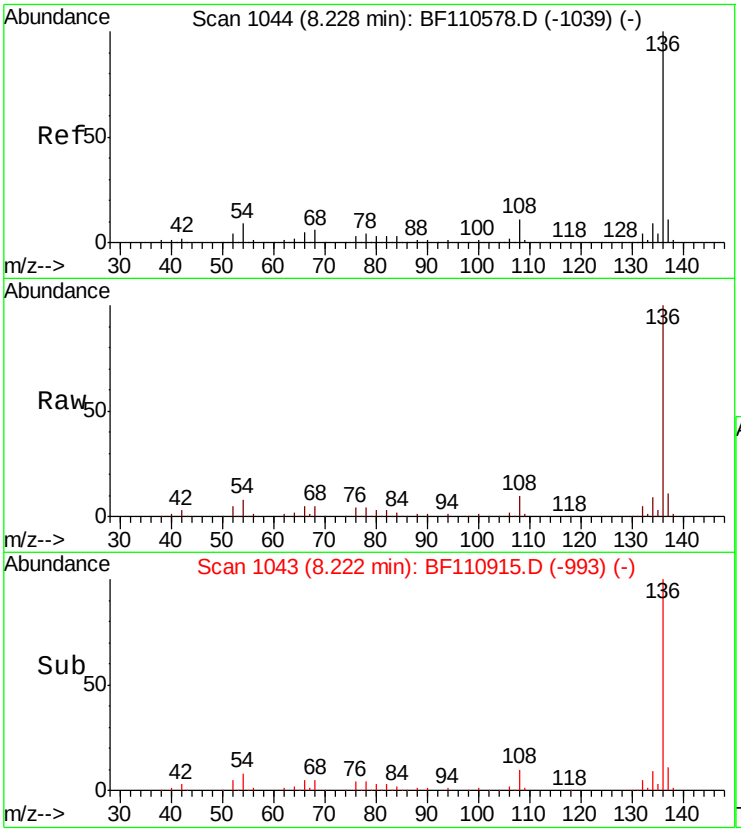


#10
Phenol
Concen: 5.704 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Tgt Ion: 94 Resp: 33417

Ion	Ratio	Lower	Upper
94	100		
65	38.7	25.3	65.3
66	57.8	54.5	94.5



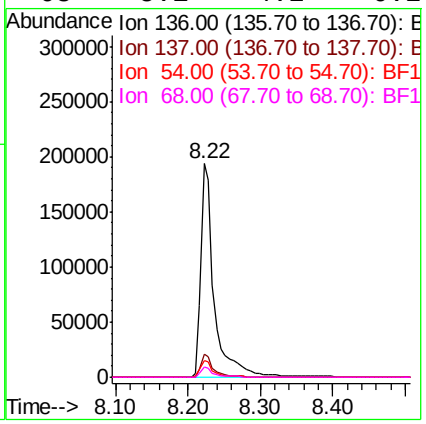


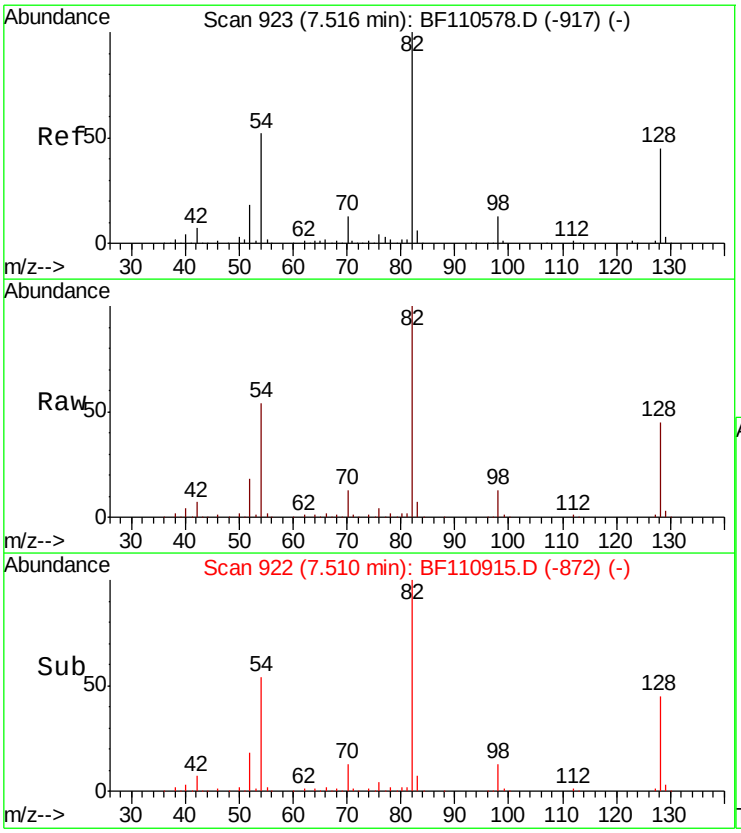
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

Tgt Ion:136 Resp: 250081

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	5.4	8.2
68	5.1	4.2	6.2

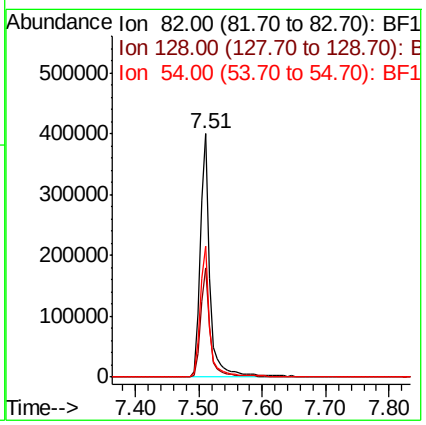


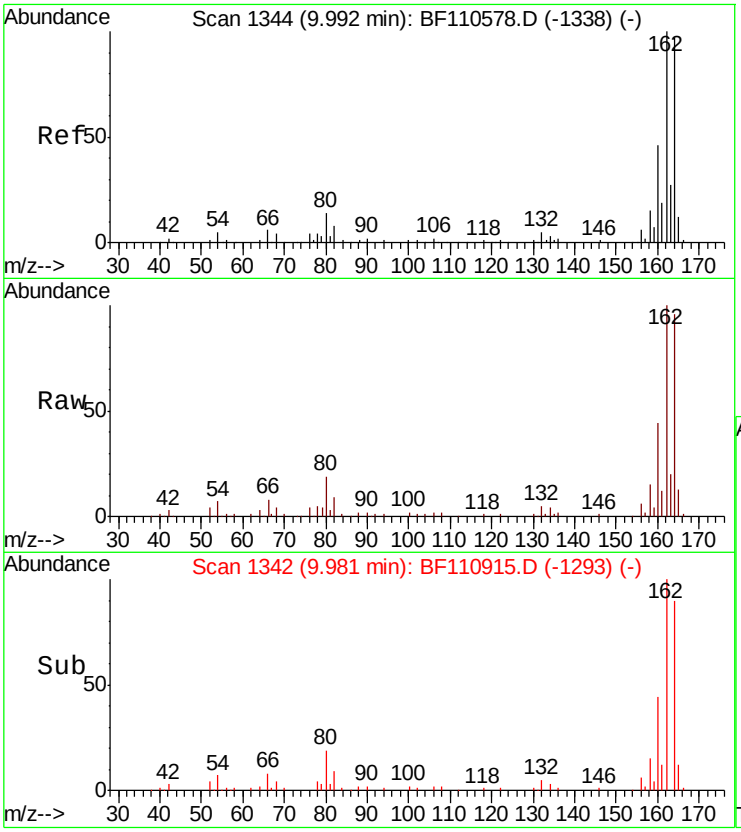


#23
Nitrobenzene-d5
Concen: 95.864 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Tgt Ion: 82 Resp: 416288

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.2	51.2
54	53.5	38.6	58.0



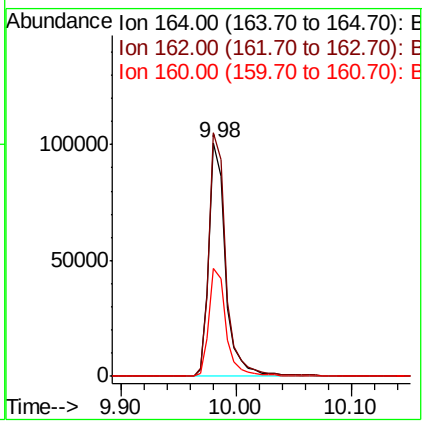


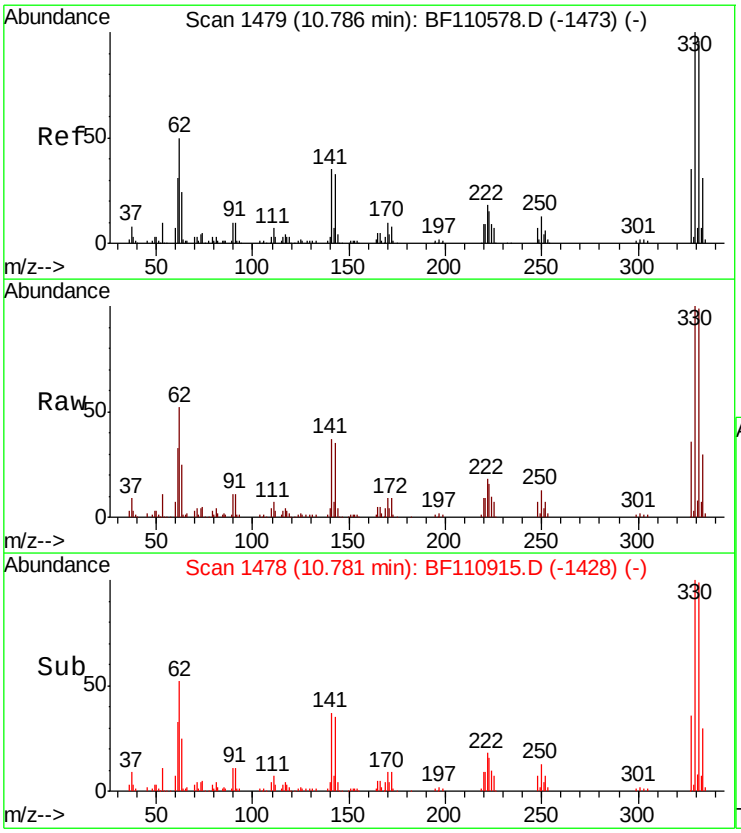
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

Tgt Ion:164 Resp: 101602

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.6
160	46.1	37.0	55.6

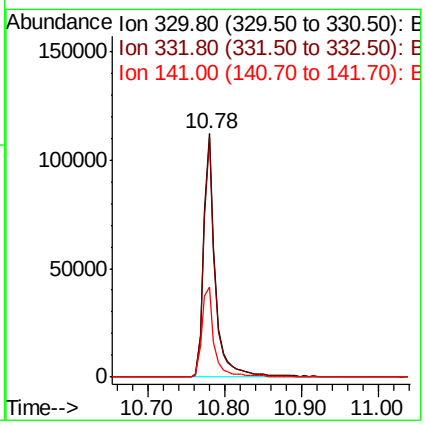


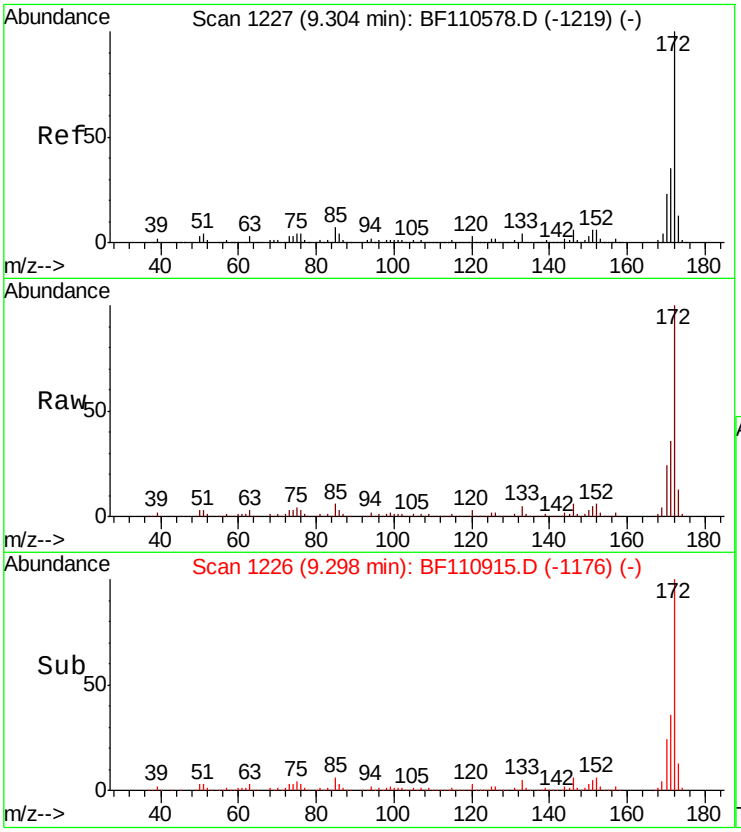


#42
2,4,6-Tribromophenol
Concen: 116.311 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Tgt Ion:330 Resp: 119075

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	38.9	27.0	40.4



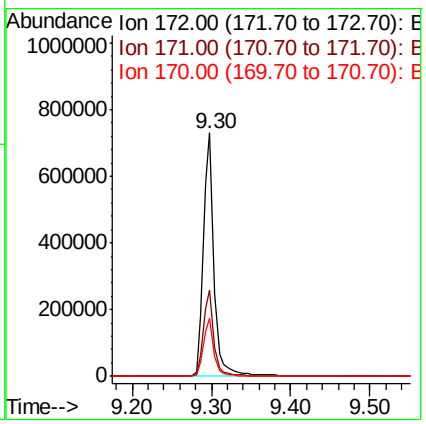


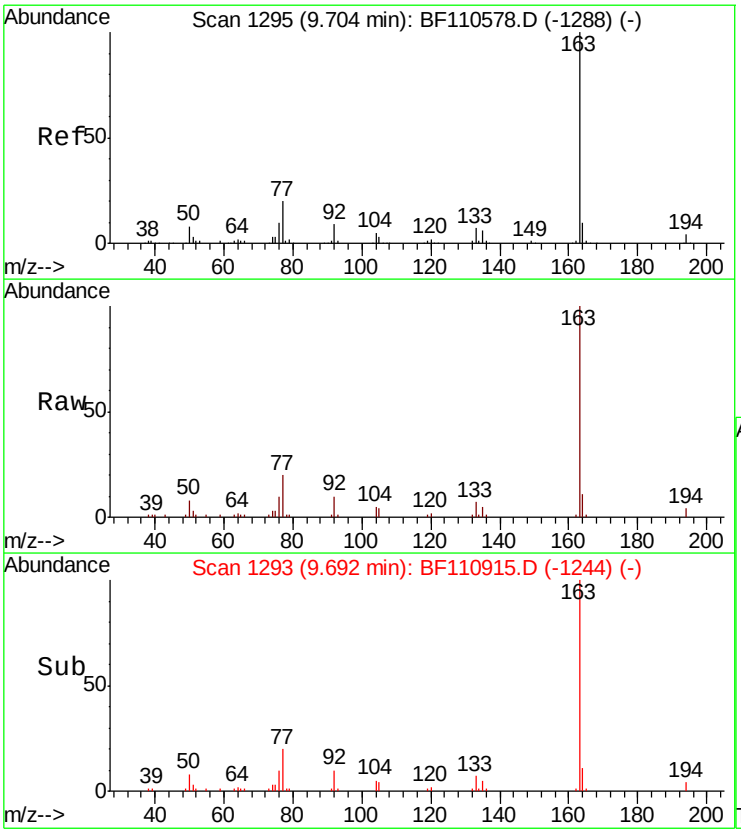
#45
2-Fluorobiphenyl
Concen: 98.424 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

Tgt Ion:172 Resp: 700193

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.6	19.7	29.5

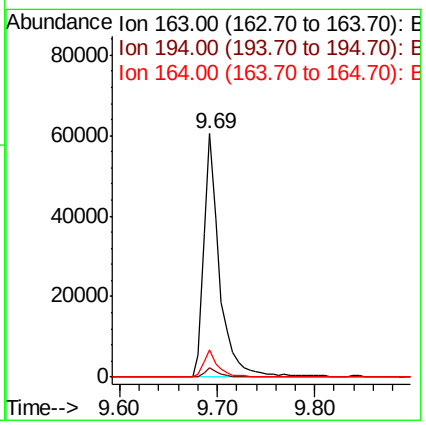


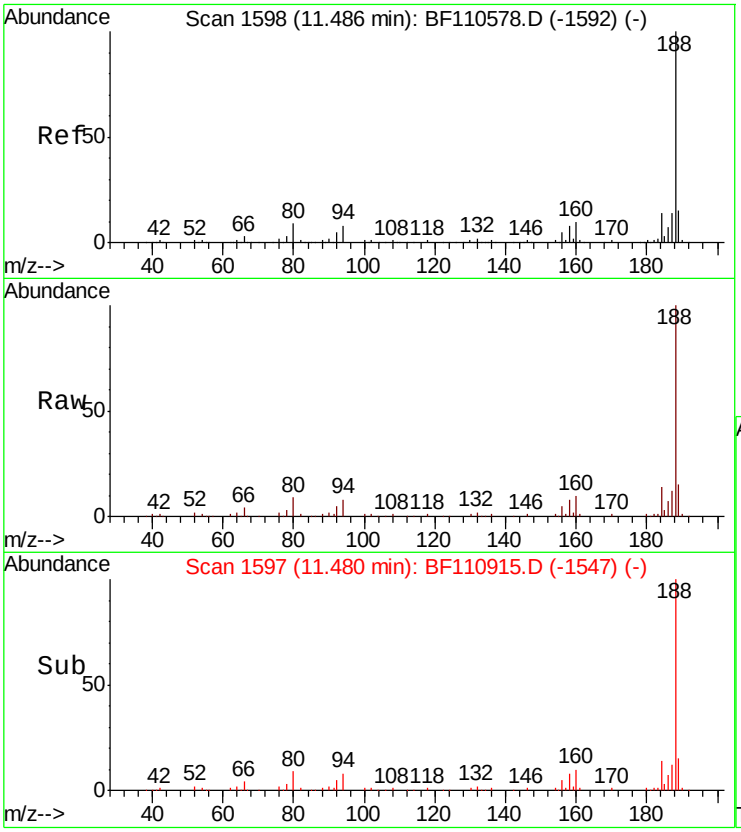


#50
Dimethylphthalate
Concen: 8.994 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Tgt Ion:163 Resp: 68189

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	11.2	8.1	12.1



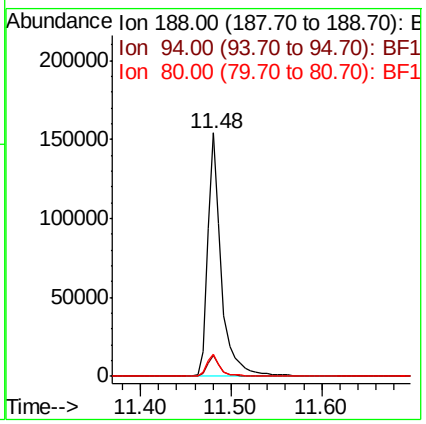


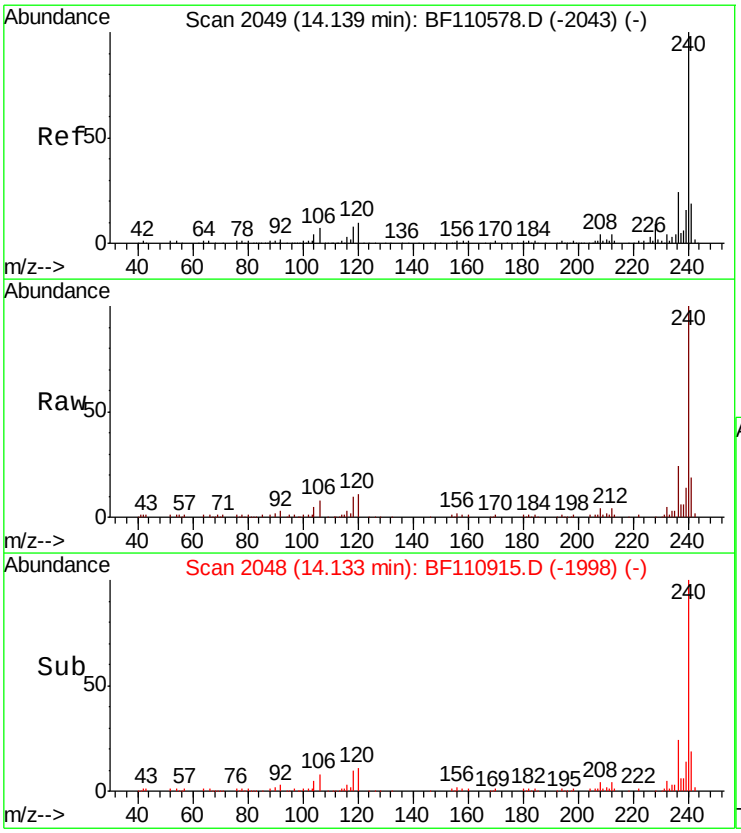
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

Tgt Ion:188 Resp: 162829

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.3	7.9	11.9

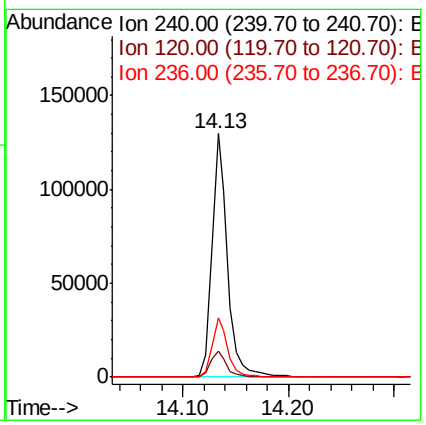


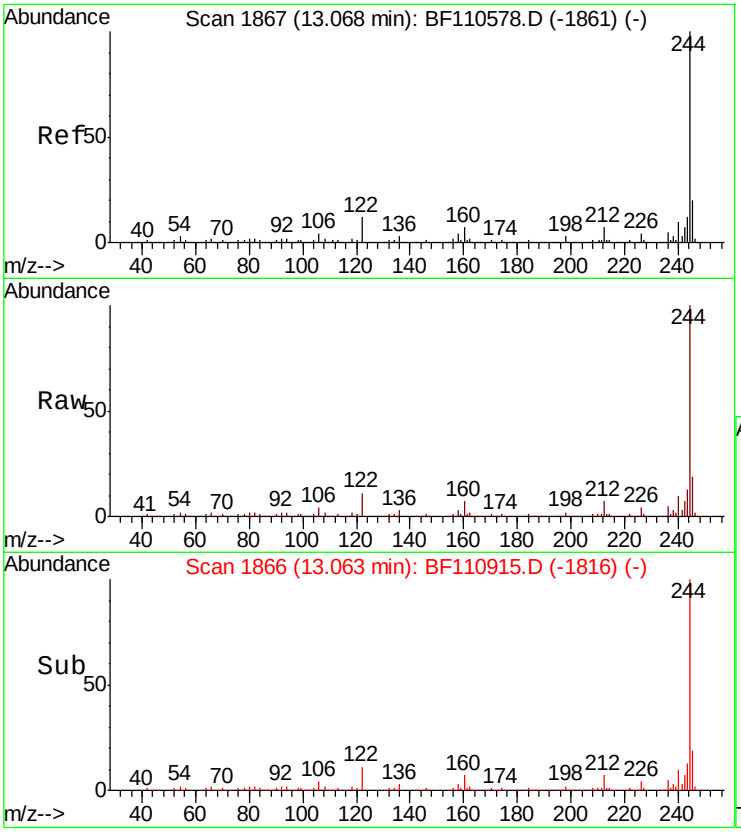


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Tgt Ion:240 Resp: 135116

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	24.5	21.2	31.8



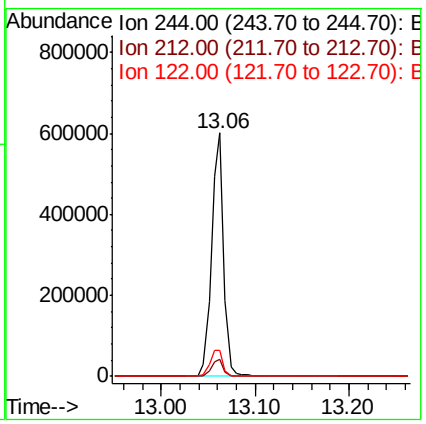


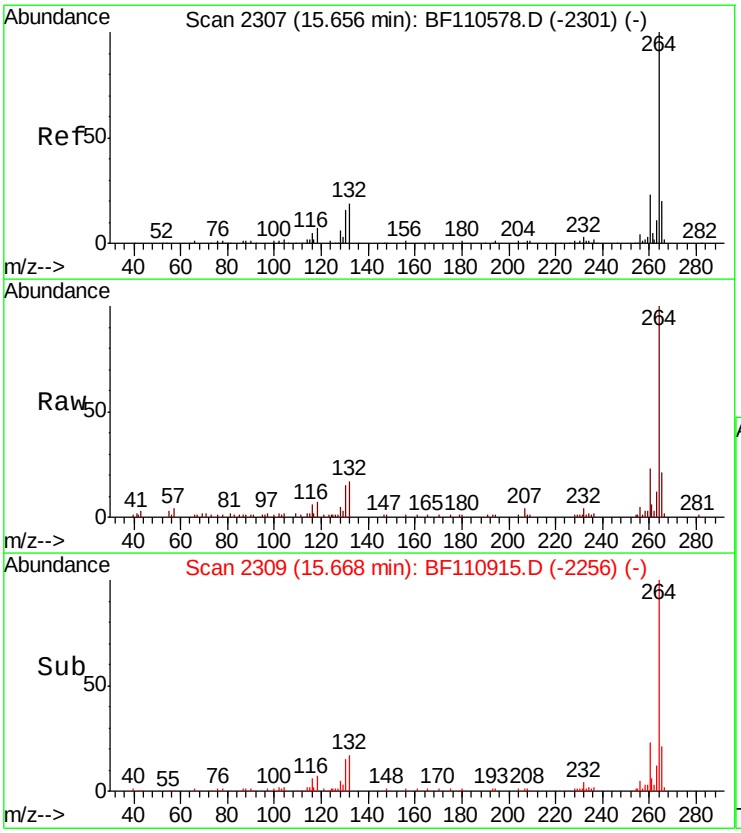
#79
Terphenyl-d14
Concen: 76.064 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Instrument :
BNA_F
ClientSampleId :
NON-UST-02R

Tgt Ion:244 Resp: 548788

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	10.9	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110915.D
Acq: 21 Nov 2018 2:08

Tgt Ion:264 Resp: 89171

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.0	16.7	25.1