Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110935.D
Acq On : 21 Nov 2018 18:25
Operator : JU/SJ
Sample : J5772-07RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-112018-CRE

Quant Time: Nov 21 23:14:40 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	56362	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	222011	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	97595	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	155693	20.00	ng	0.00
76) Chrysene-d12	14.13	240	129096	20.00	ng	0.00
87) Perylene-d12	15.67	264	90652	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	322642	92.98	ng	0.00
7) Phenol-d6	6.57	99	402752	90.77	ng	0.00
23) Nitrobenzene-d5	7.51	82	257949	66.91	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	74448	75.71	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	438584	64.18	ng	-0.01
79) Terphenyl-d14	13.06	244	316058	45.85	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.58	94	19027	3.698	ng	85
50) Dimethylphthalate	9.69	163	45962	6.311	ng	100

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

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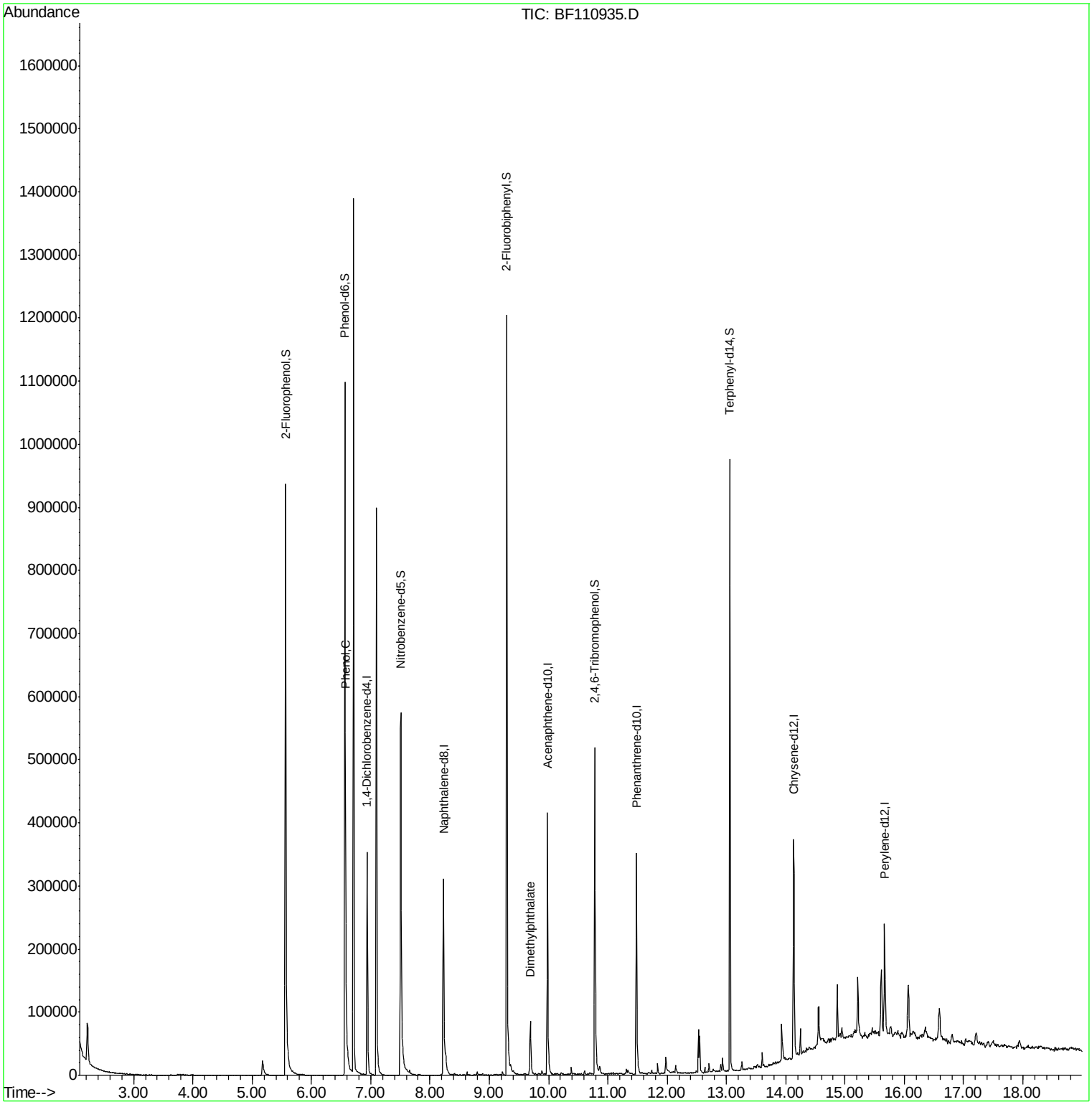
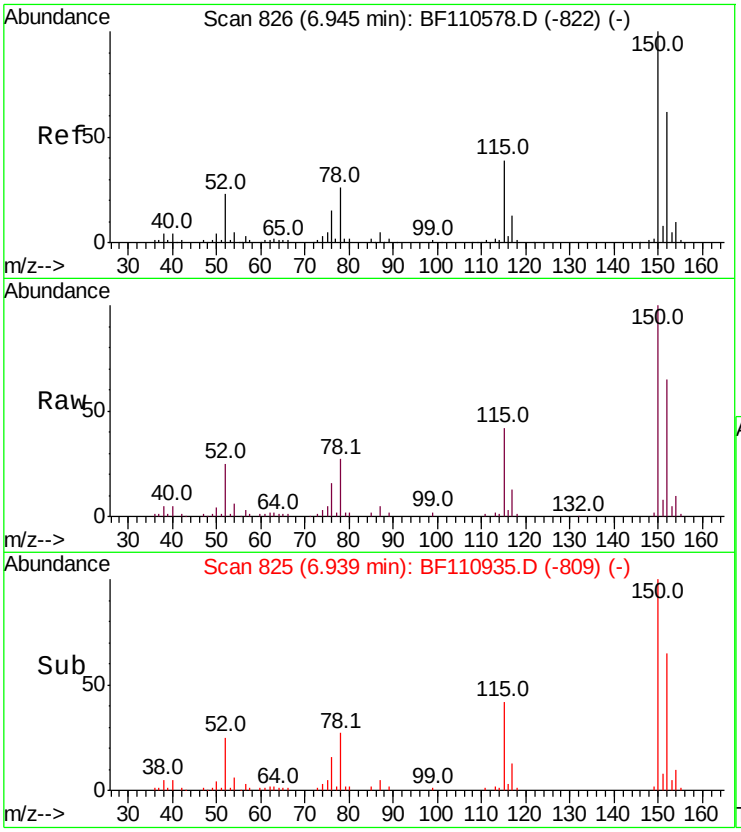


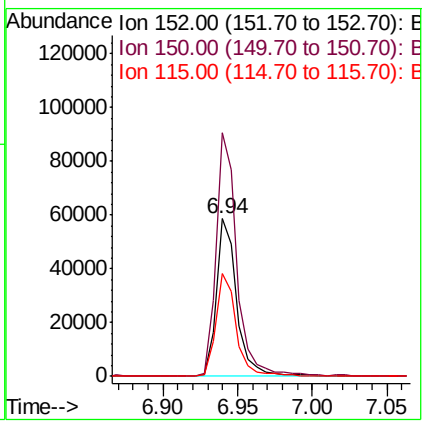


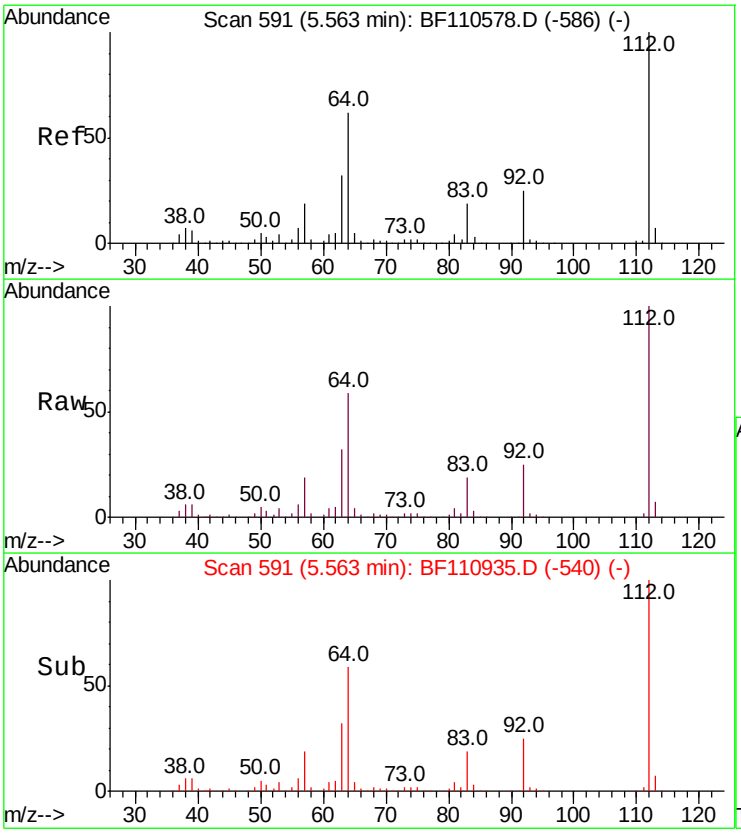
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-CRE

Tgt Ion:152 Resp: 56362

Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.7	184.1
115	65.5	49.1	73.7

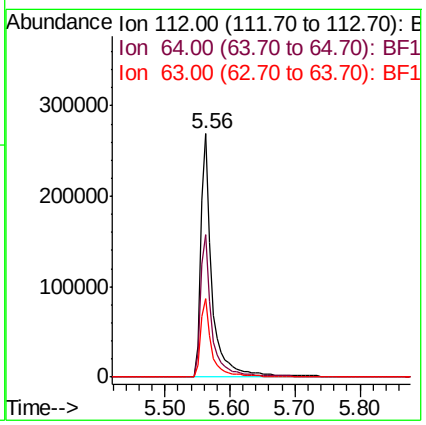


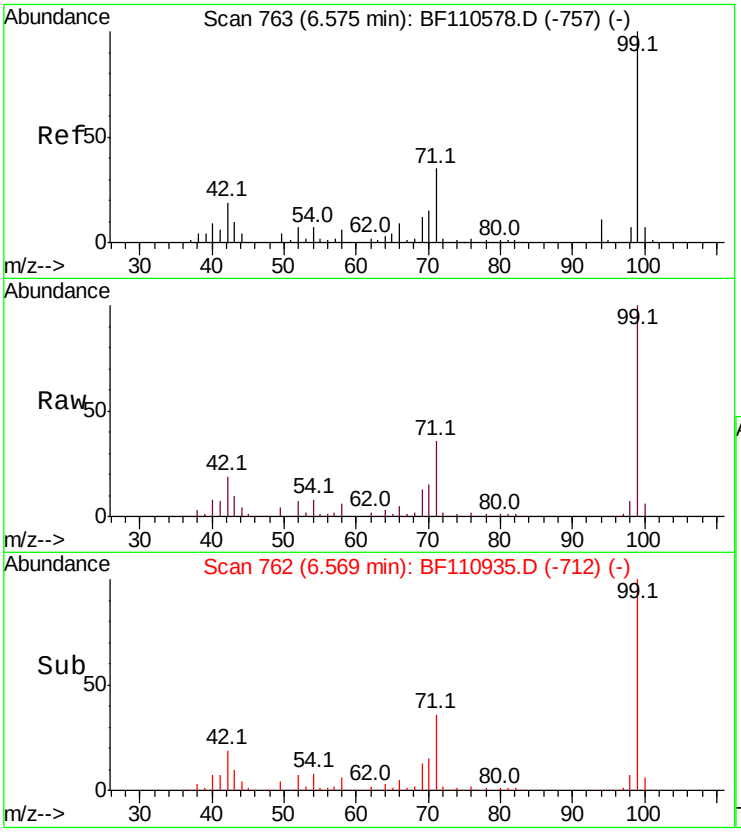


#5
2-Fluorophenol
Concen: 92.983 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Tgt Ion:112 Resp: 322642

Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.1	66.1
63	32.3	23.7	35.5



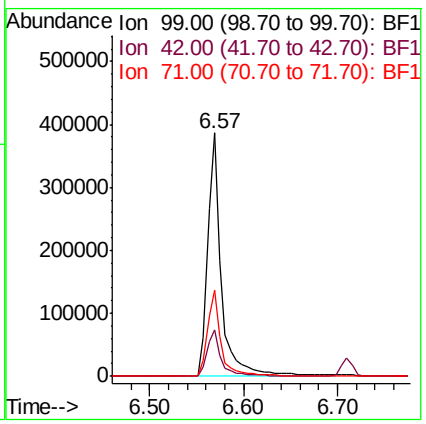


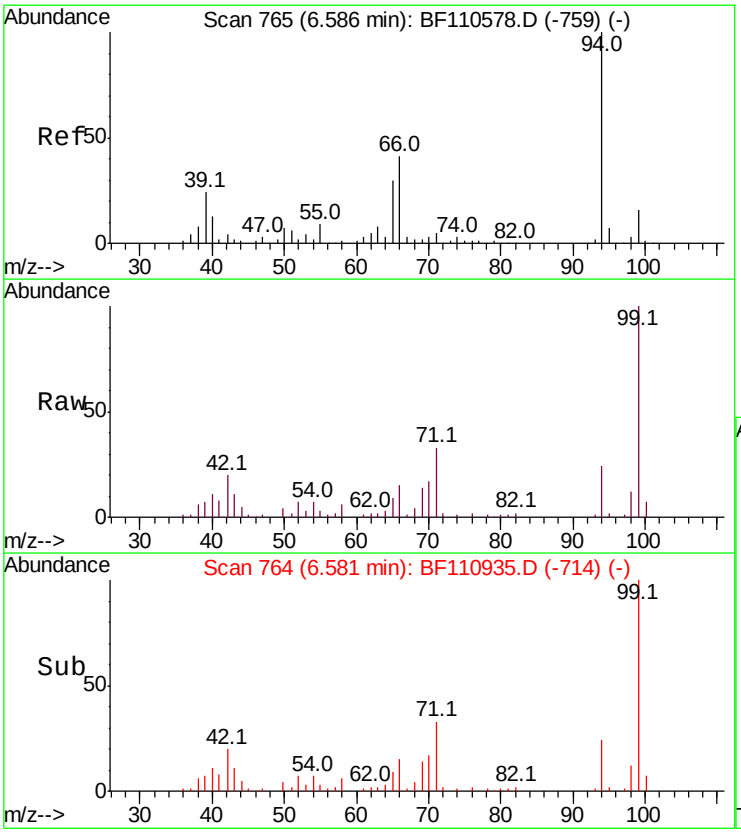
#7
Phenol-d6
Concen: 90.768 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-CRE

Tgt Ion: 99 Resp: 402752

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	35.6	28.0	42.0

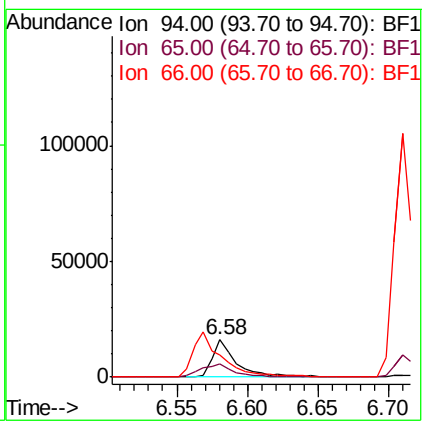


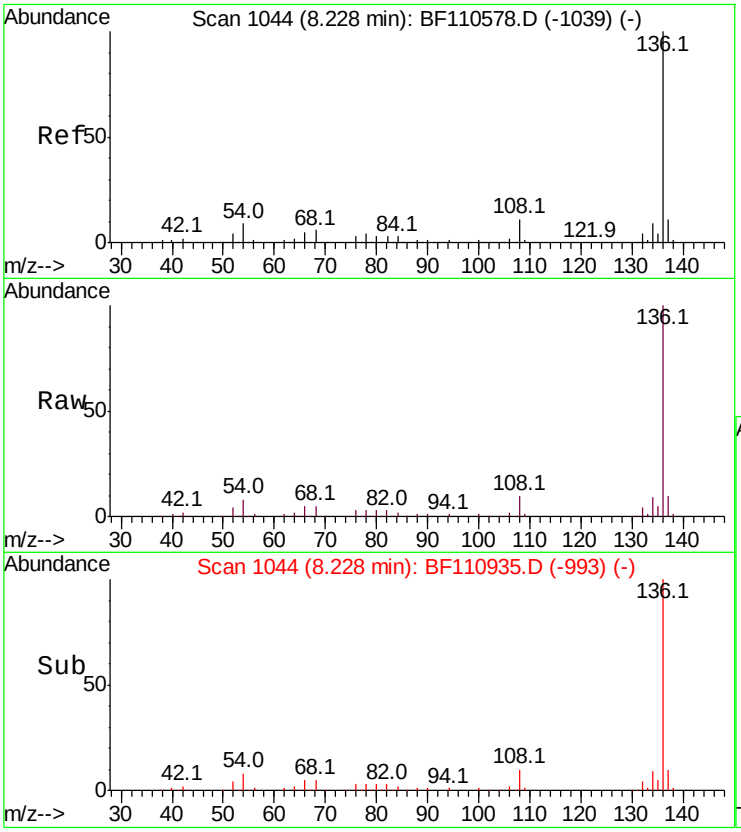


#10
Phenol
Concen: 3.698 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Tgt Ion: 94 Resp: 19027

Ion	Ratio	Lower	Upper
94	100		
65	36.4	25.3	65.3
66	60.9	54.5	94.5



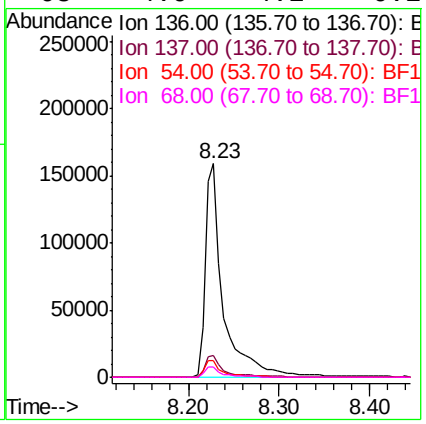


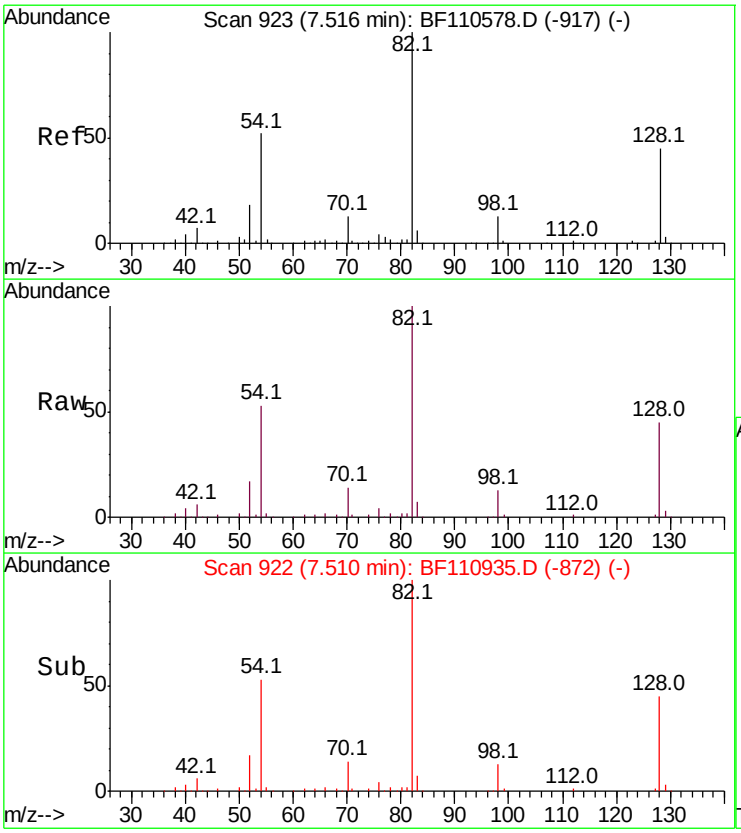
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-CRE

Tgt Ion:136 Resp: 222011

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	7.8	5.4	8.2
68	4.9	4.2	6.2

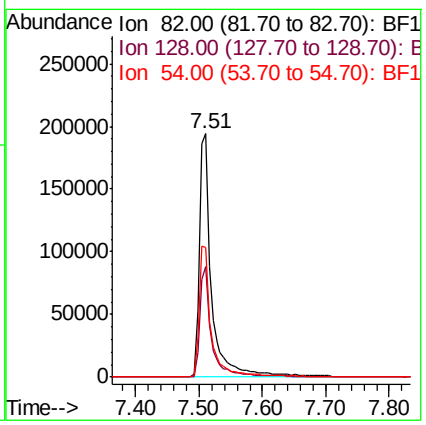


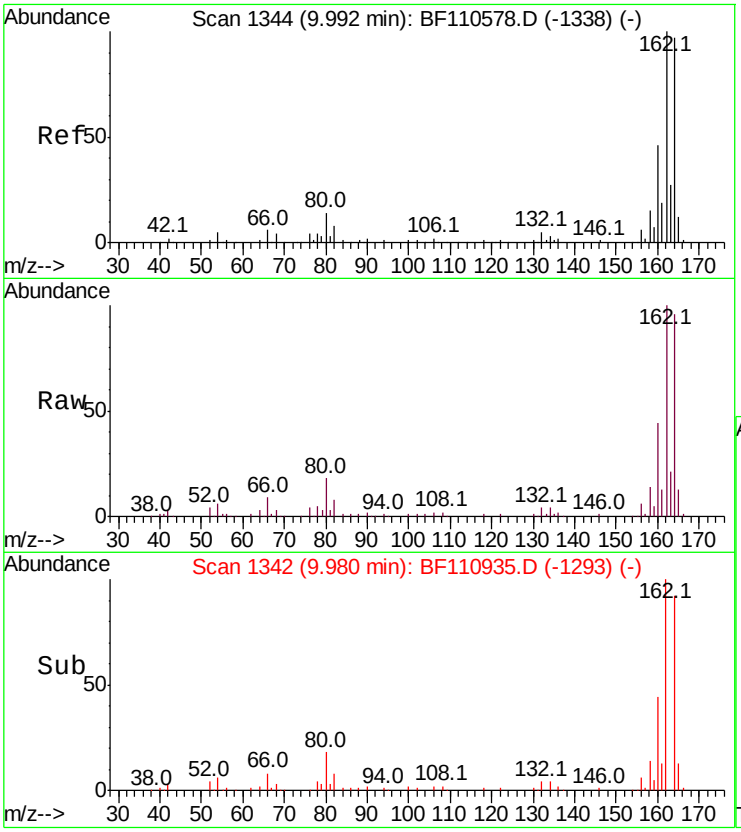


#23
Nitrobenzene-d5
Concen: 66.912 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Tgt Ion: 82 Resp: 257949

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.2	51.2
54	53.1	38.6	58.0



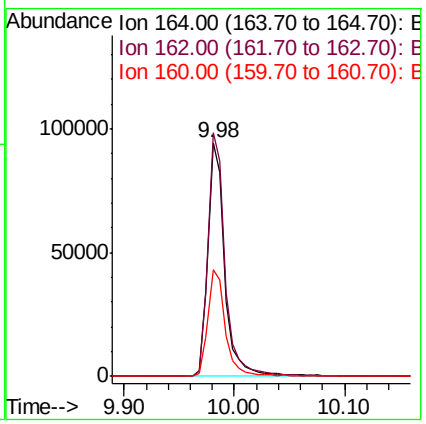


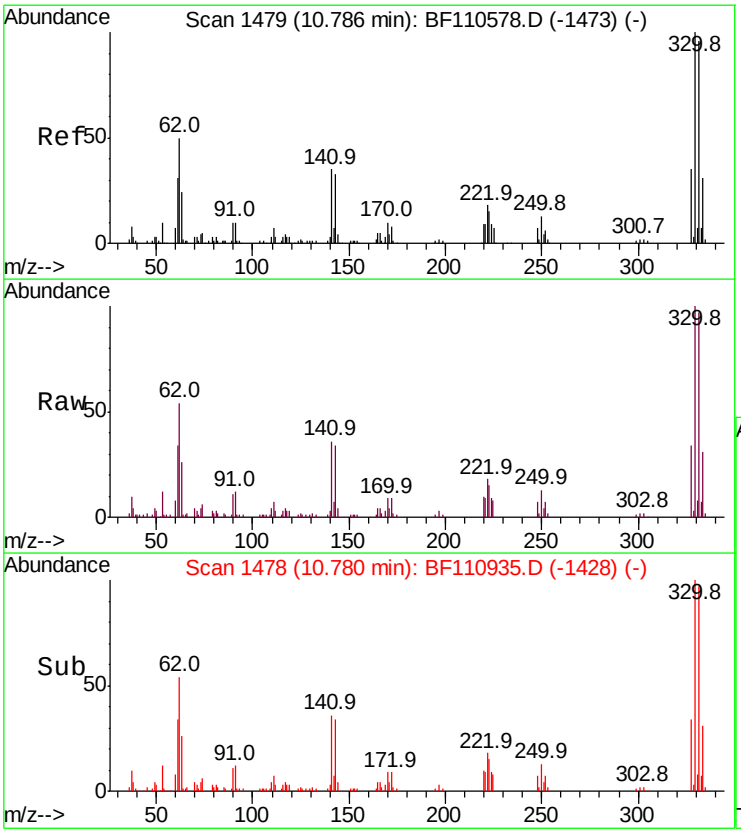
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-CRE

Tgt Ion:164 Resp: 97595

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.6
160	45.8	37.0	55.6

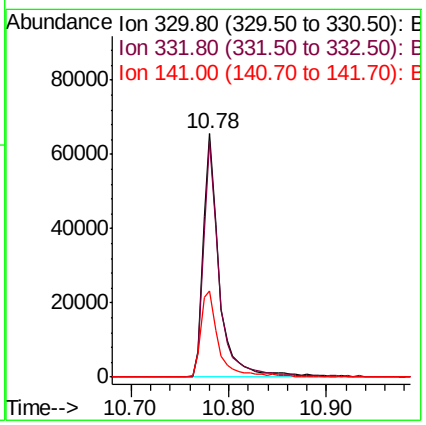


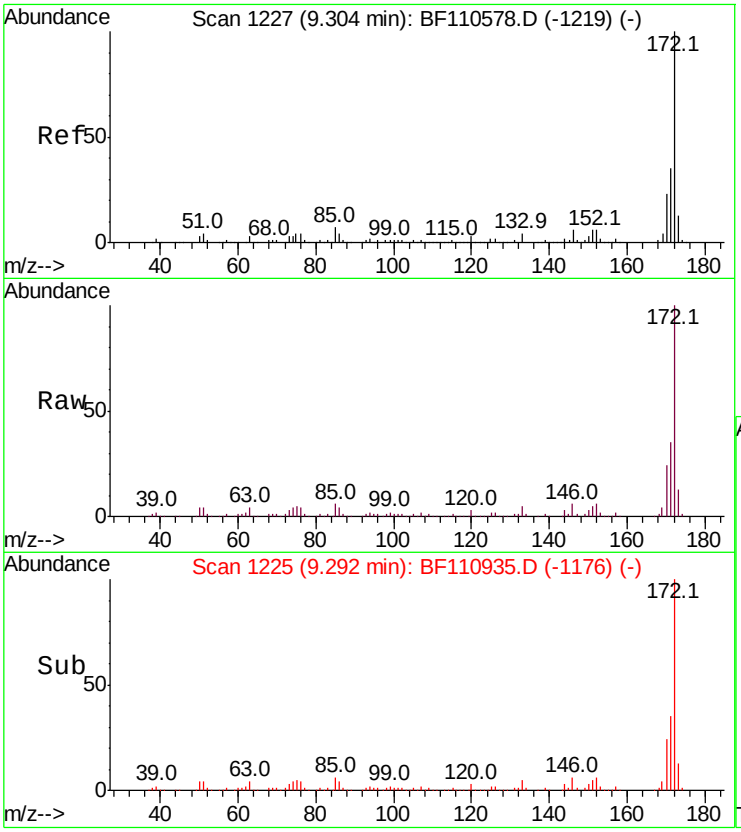


#42
2,4,6-Tribromophenol
Concen: 75.705 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Tgt Ion:330 Resp: 74448

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	39.0	27.0	40.4



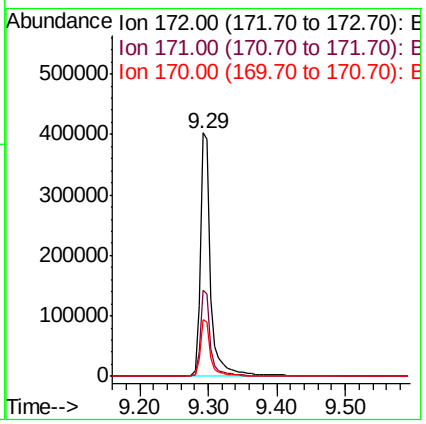


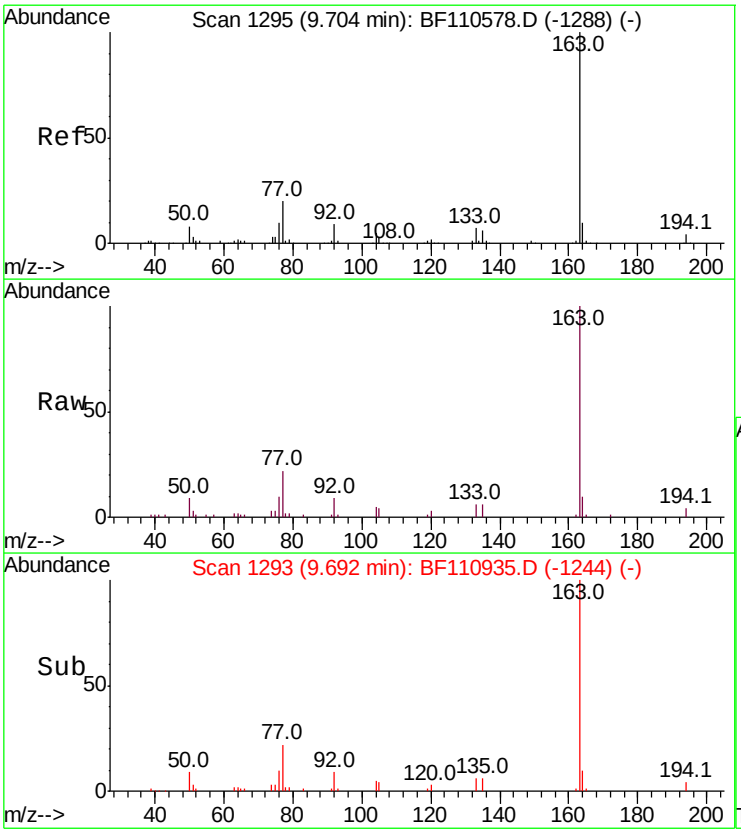
#45
2-Fluorobiphenyl
Concen: 64.181 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Instrument : BNA_F
ClientSampleId : PL-01-112018-CRE

Tgt Ion:172 Resp: 438584

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.5	19.7	29.5

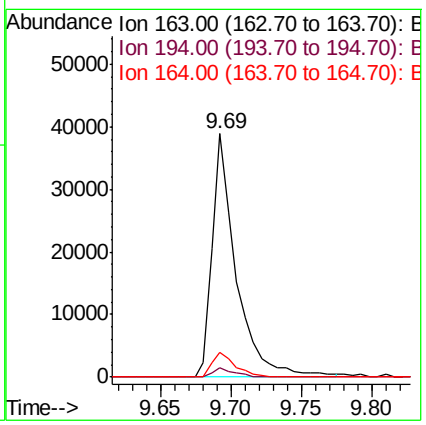


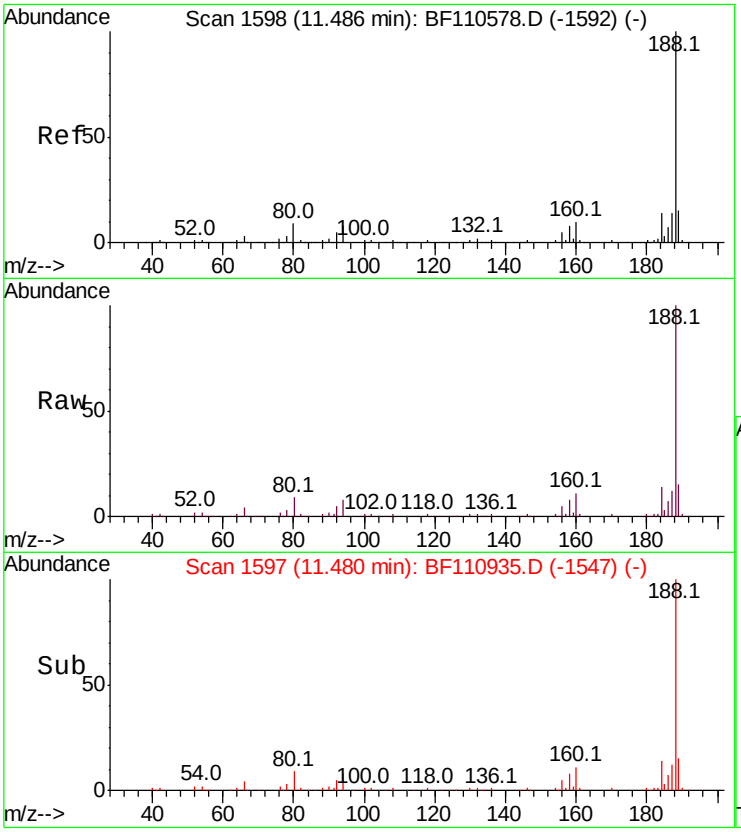


#50
Dimethylphthalate
Concen: 6.311 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Tgt Ion:163 Resp: 45962

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.1	8.1	12.1



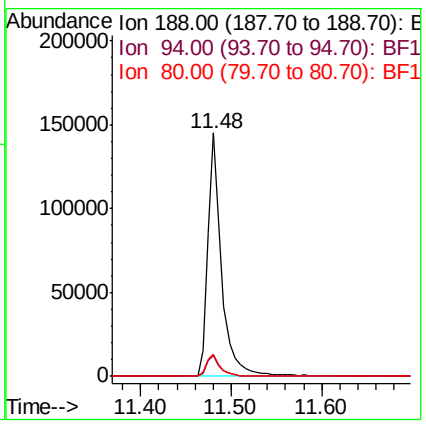


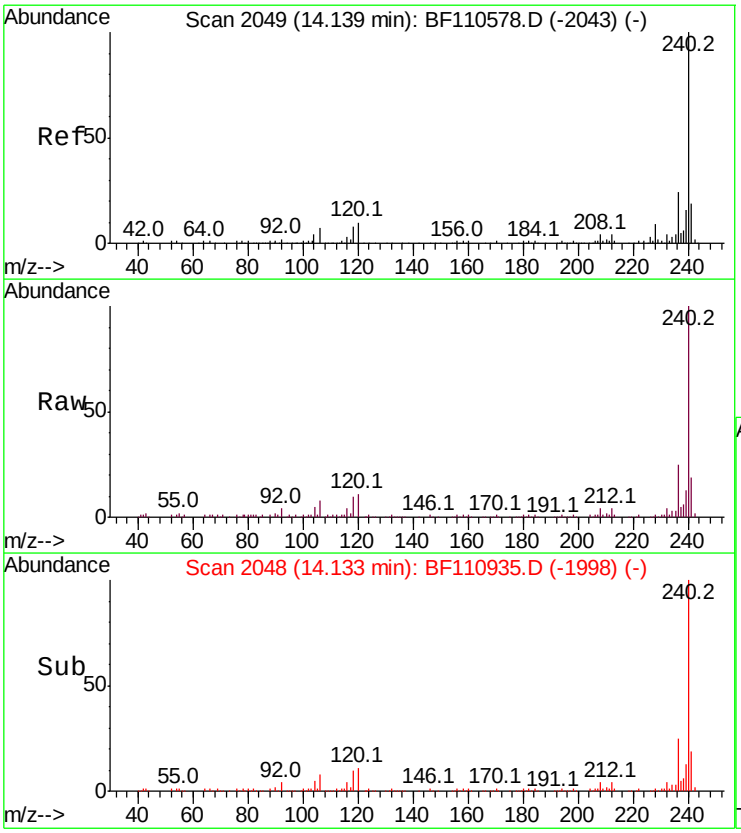
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-CRE

Tgt Ion:188 Resp: 155693

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.9	7.9	11.9

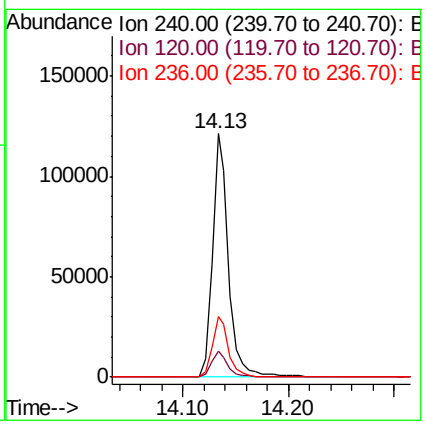


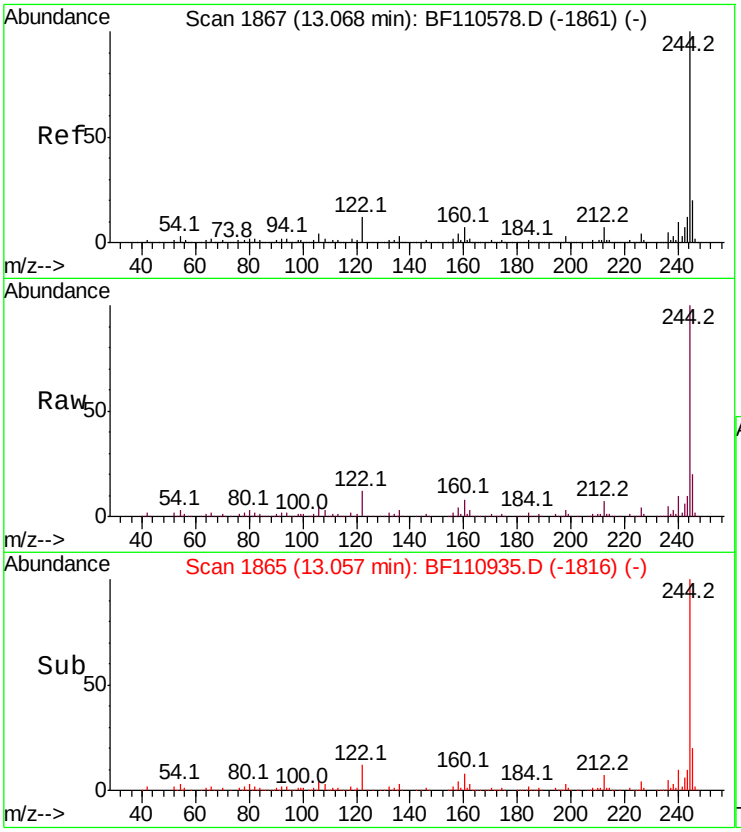


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Tgt Ion:240 Resp: 129096

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	24.9	21.2	31.8



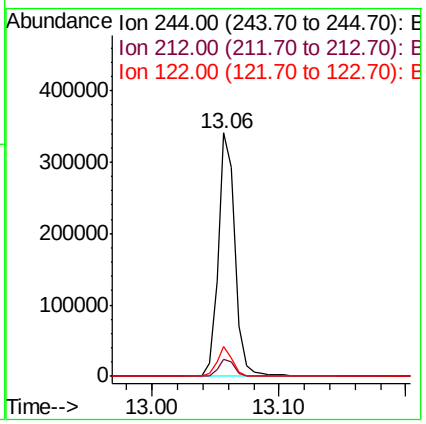


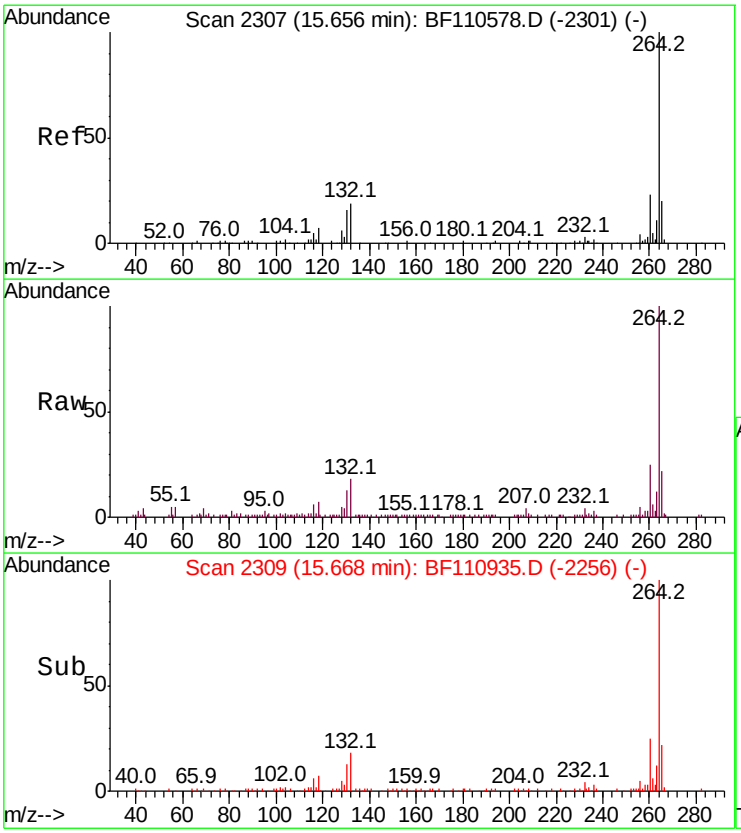
#79
Terphenyl-d14
Concen: 45.850 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110935.D
Acq: 21 Nov 2018 18:25

Instrument :
BNA_F
ClientSampleId :
PL-01-112018-CRE

Tgt Ion:244 Resp: 316058

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.1	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: BF110935.D
Acq: 21 Nov 2018 18:25

Tgt Ion:264 Resp: 90652

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.7	16.7	25.1