Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110635.D
Acq On : 9 Nov 2018 18:53
Operator : JU/SJ
Sample : J5864-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OLDMANS-2

Quant Time: Nov 11 03:39:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72122	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	294075	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	143874	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	289690	20.00	ng	0.00
76) Chrysene-d12	14.13	240	226422	20.00	ng	-0.01
87) Perylene-d12	15.66	264	140064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	431636	97.21	ng	0.00
7) Phenol-d6	6.57	99	551623	97.15	ng	0.00
23) Nitrobenzene-d5	7.51	82	344824	67.53	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	120480	83.11	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	660460	65.56	ng	0.00
79) Terphenyl-d14	13.06	244	727054	60.14	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.58	94	34025	5.168	ng	# 67
50) Dimethylphthalate	9.69	163	31040	2.891	ng	97

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

Quantitation Report (QT/LSC Reviewed)

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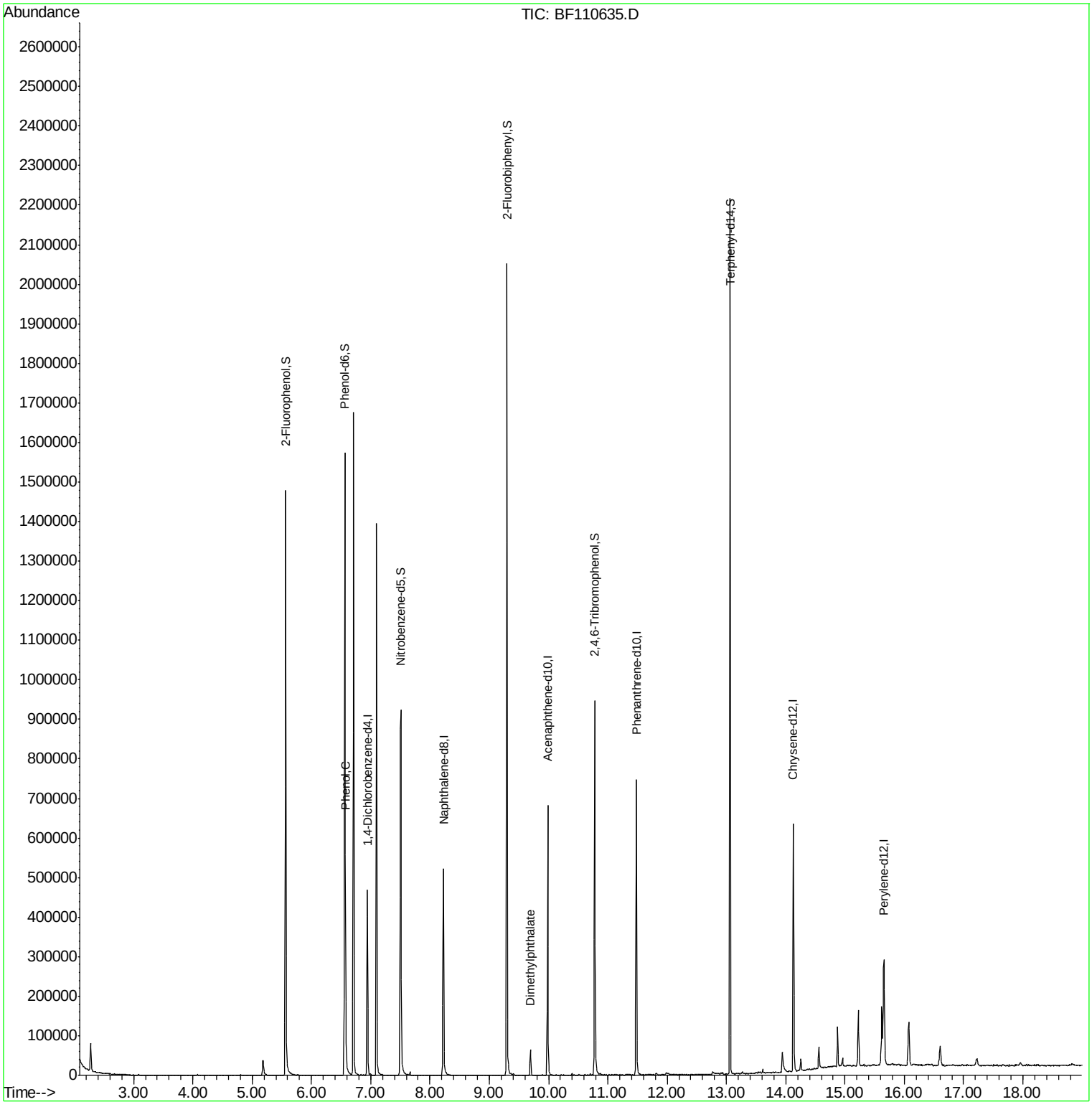
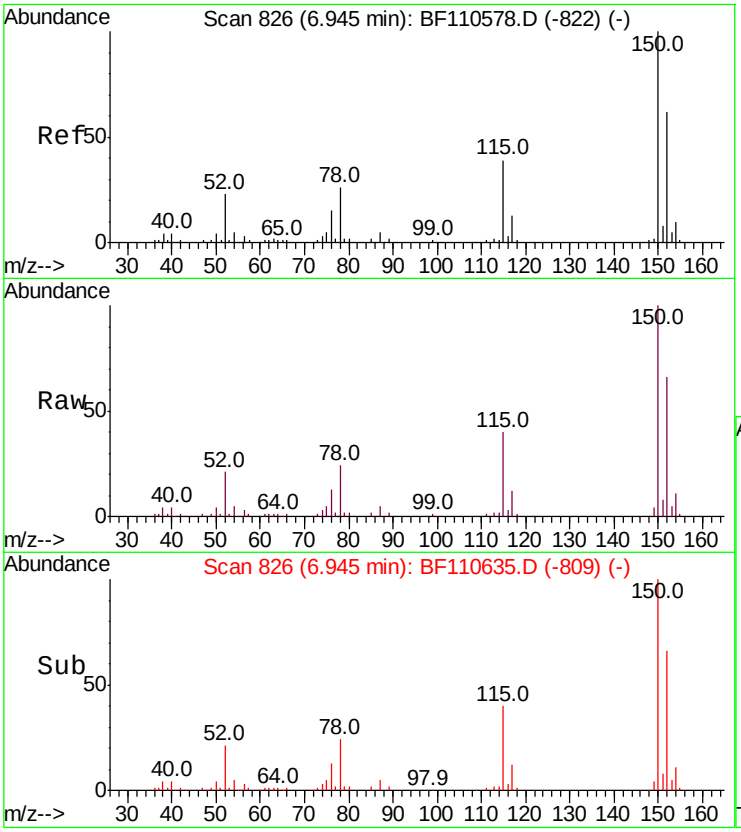


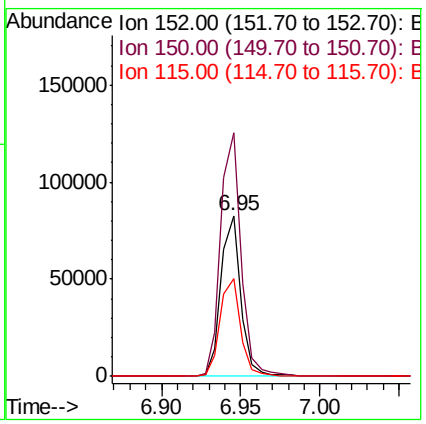


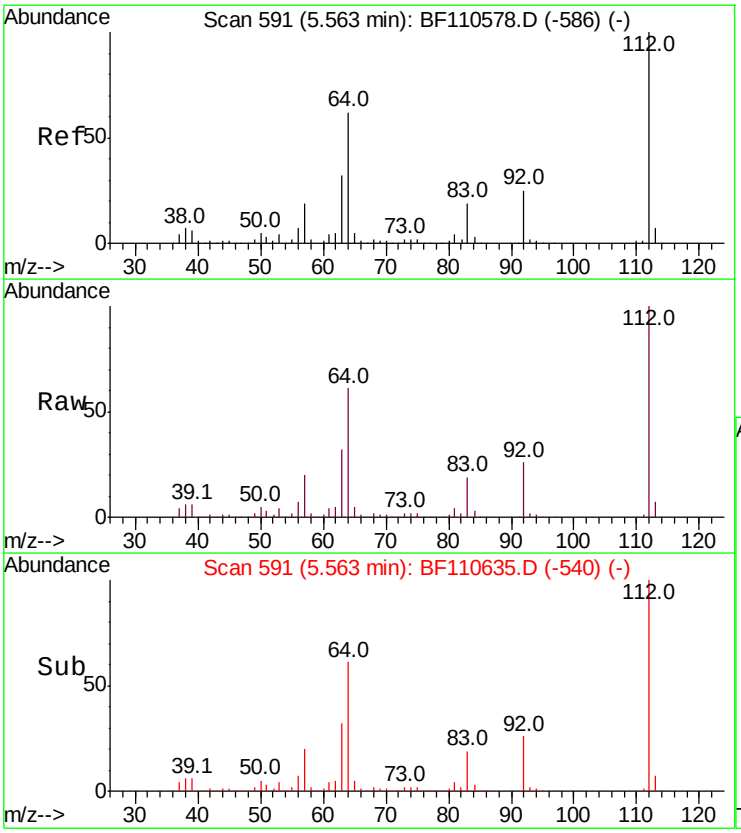
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Instrument :
BNA_F
ClientSampleId :
OLDMANS-2

Tgt Ion:152 Resp: 72122

Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.7	184.1
115	60.6	49.1	73.7

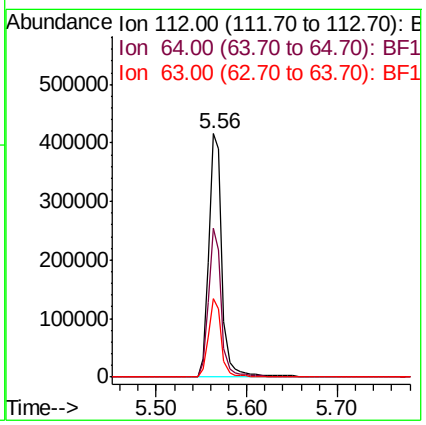


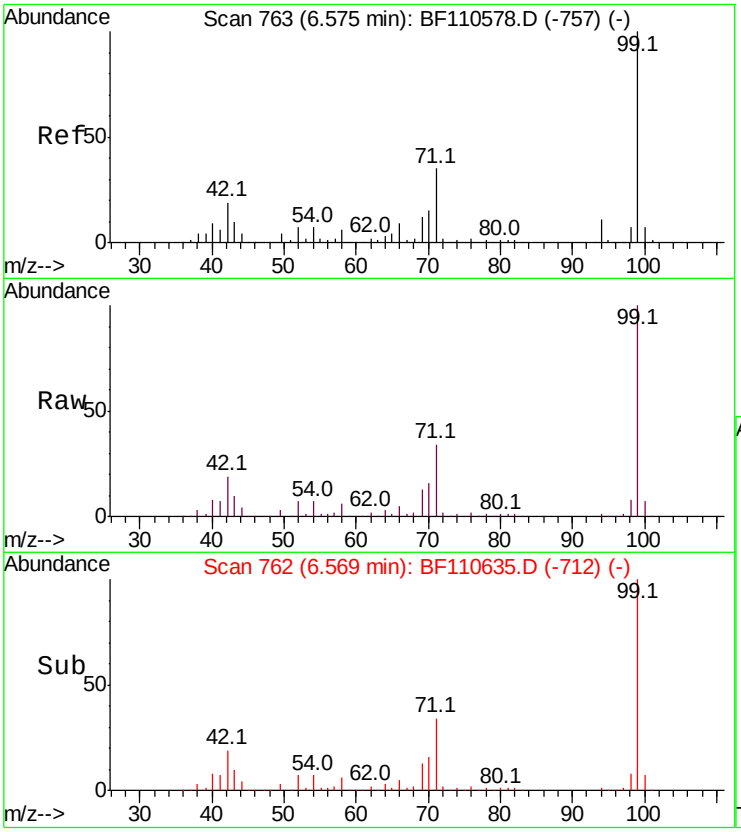


#5
2-Fluorophenol
Concen: 97.212 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Tgt Ion:112 Resp: 431636

Ion	Ratio	Lower	Upper
112	100		
64	61.2	44.1	66.1
63	32.3	23.7	35.5



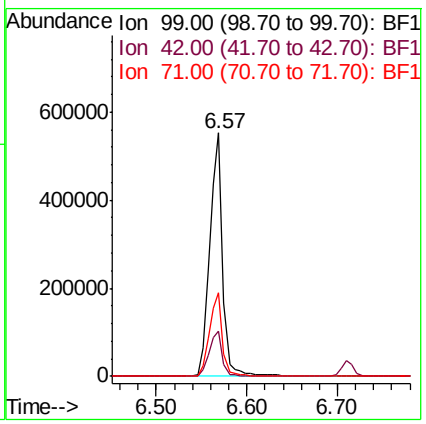


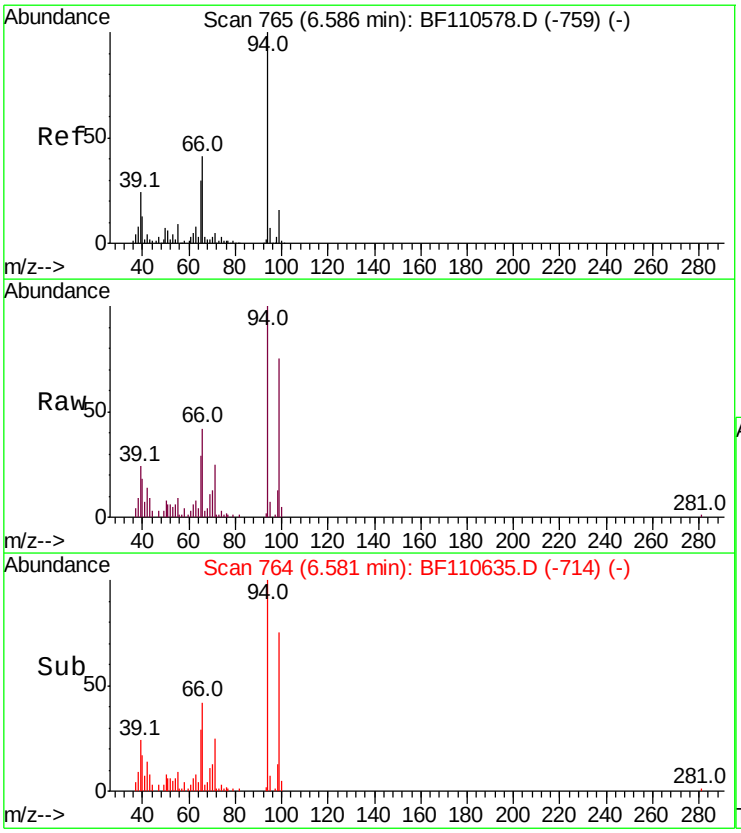
#7
Phenol-d6
Concen: 97.153 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Instrument :
BNA_F
ClientSampleId :
OLDMANS-2

Tgt Ion: 99 Resp: 551623

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.8	23.6
71	34.4	28.0	42.0

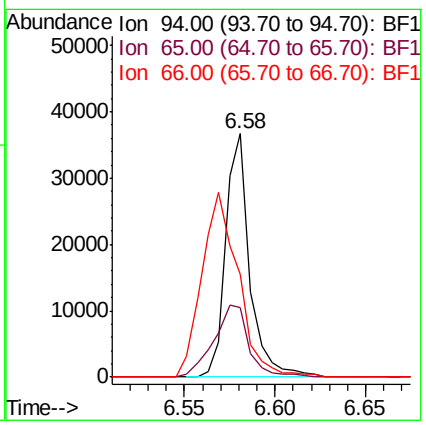


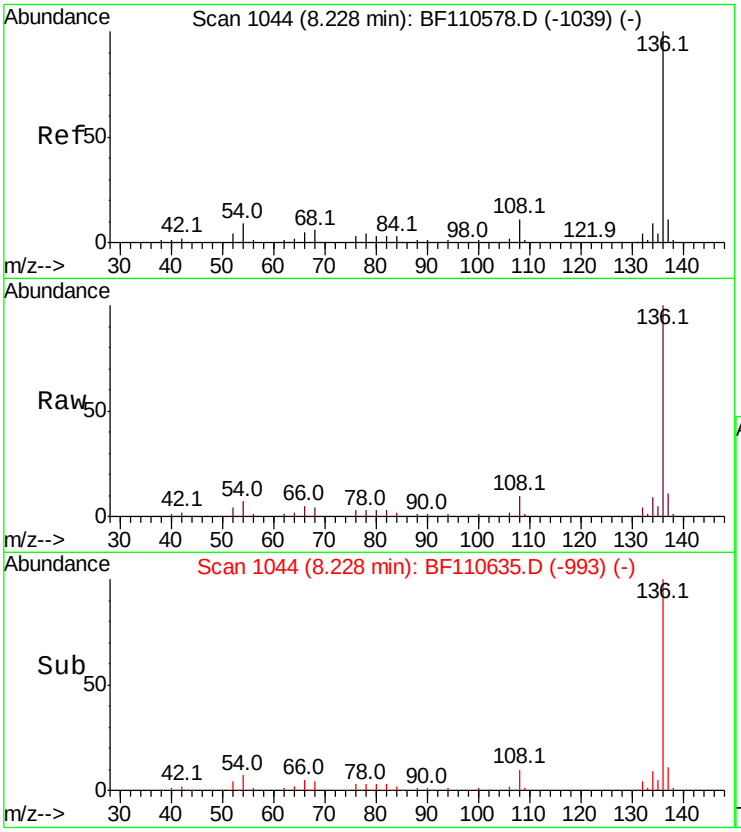


#10
Phenol
Concen: 5.168 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Tgt Ion: 94 Resp: 34025

Ion	Ratio	Lower	Upper
94	100		
65	28.8	25.3	65.3
66	42.1	54.5	94.5#



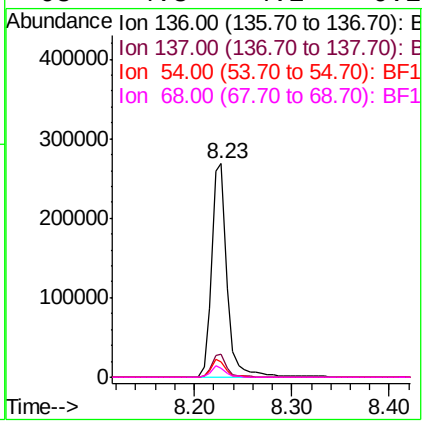


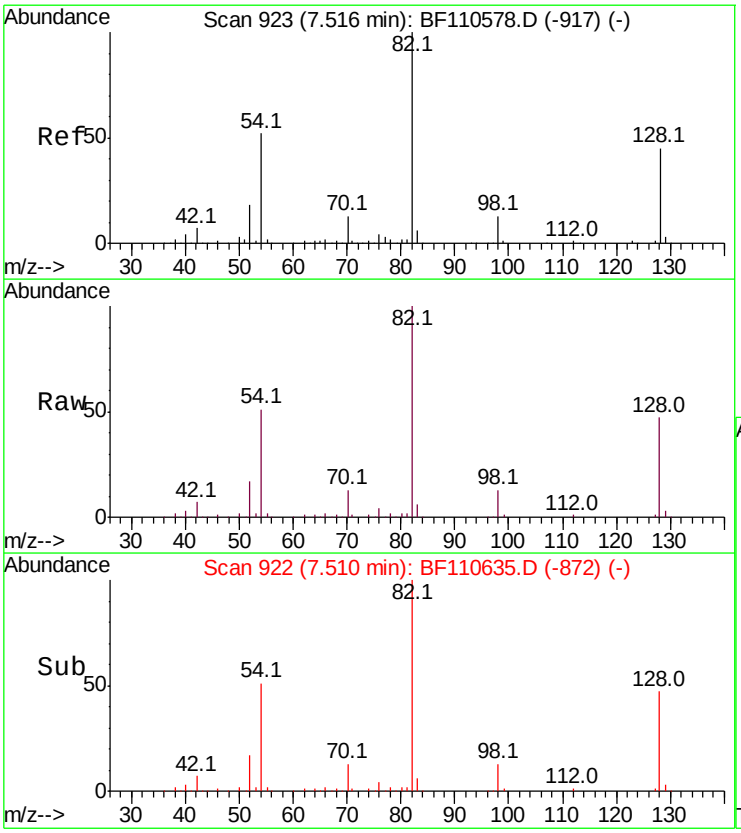
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Instrument :
BNA_F
ClientSampleId :
OLDMANS-2

Tgt Ion:136 Resp: 294075

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.2	5.4	8.2
68	4.3	4.2	6.2

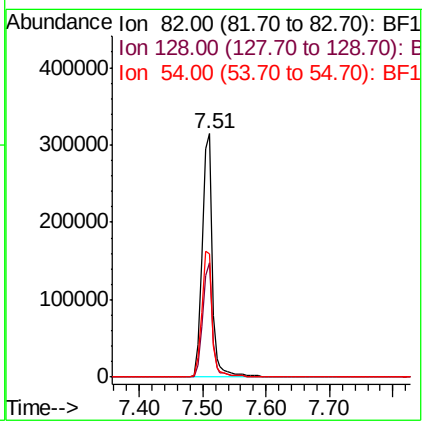


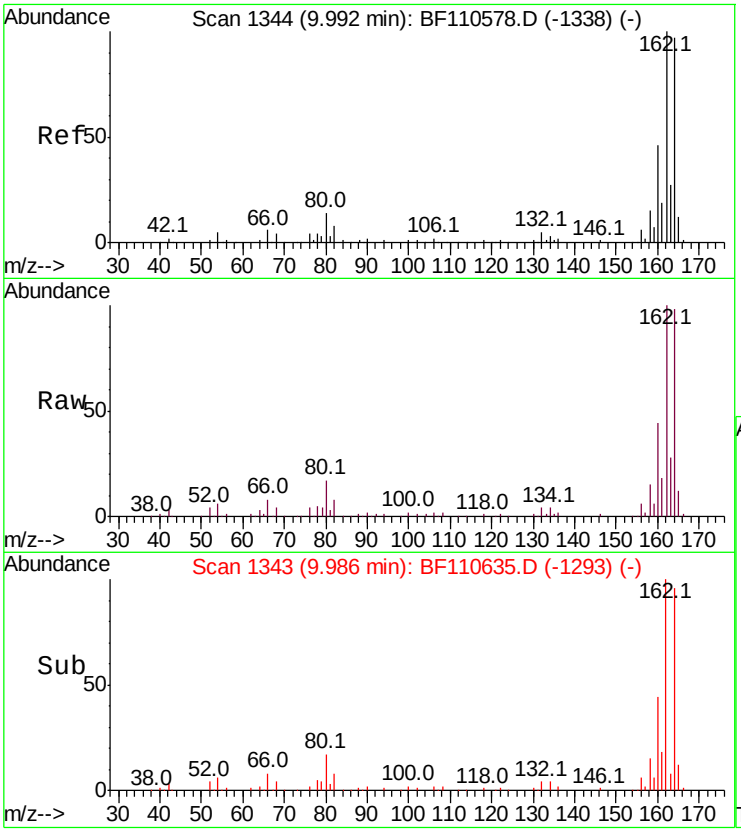


#23
Nitrobenzene-d5
Concen: 67.528 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Tgt Ion: 82 Resp: 344824

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.2	51.2
54	50.8	38.6	58.0



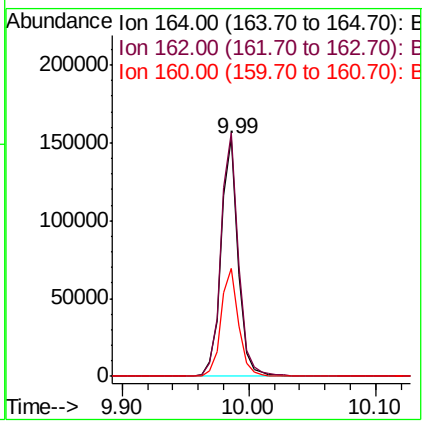


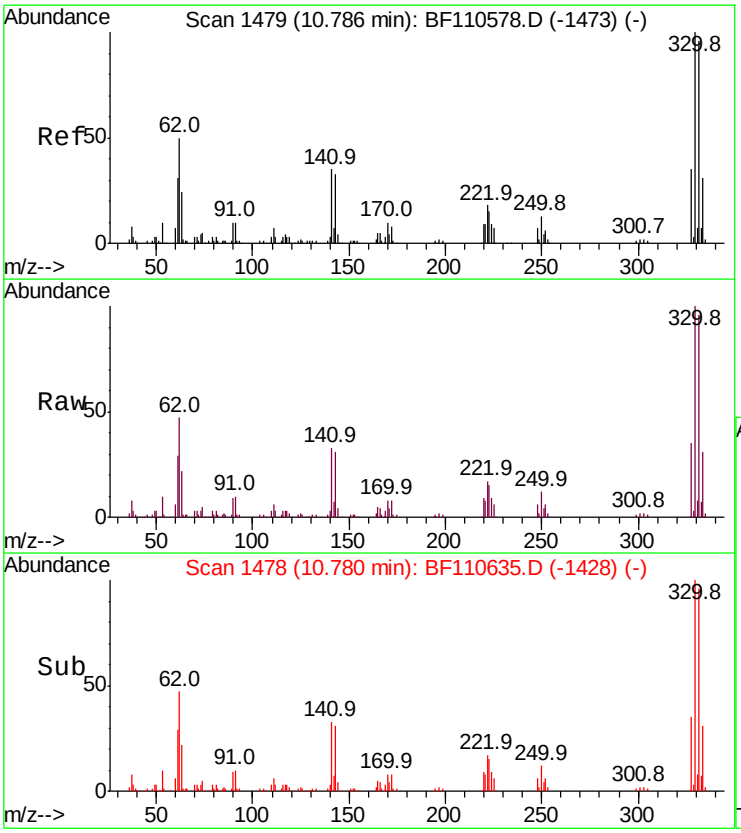
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Instrument :
BNA_F
ClientSampleId :
OLDMANS-2

Tgt Ion:164 Resp: 143874

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	45.2	37.0	55.6

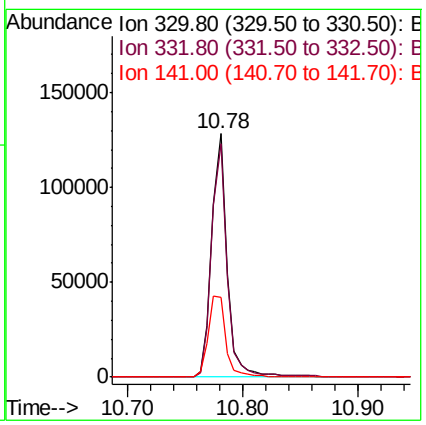


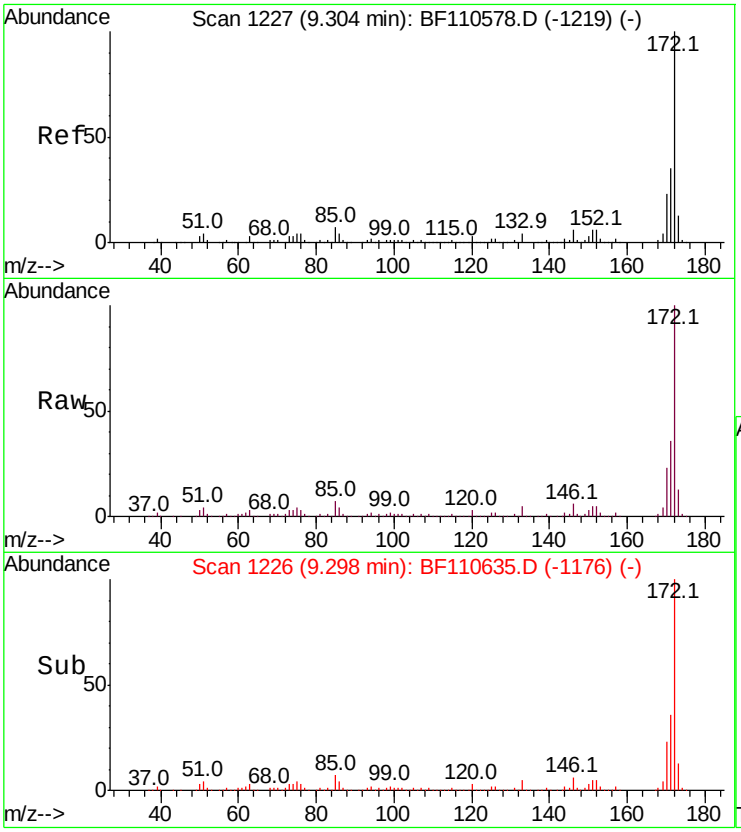


#42
2,4,6-Tribromophenol
Concen: 83.106 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Tgt Ion:330 Resp: 120480

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	37.5	27.0	40.4



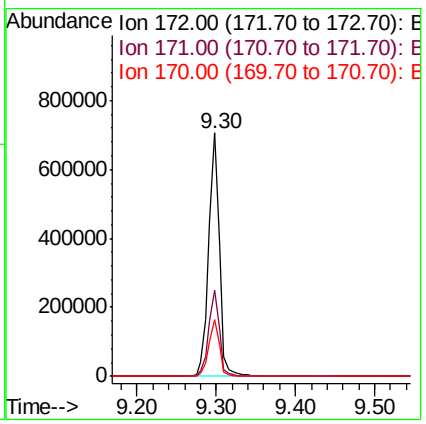


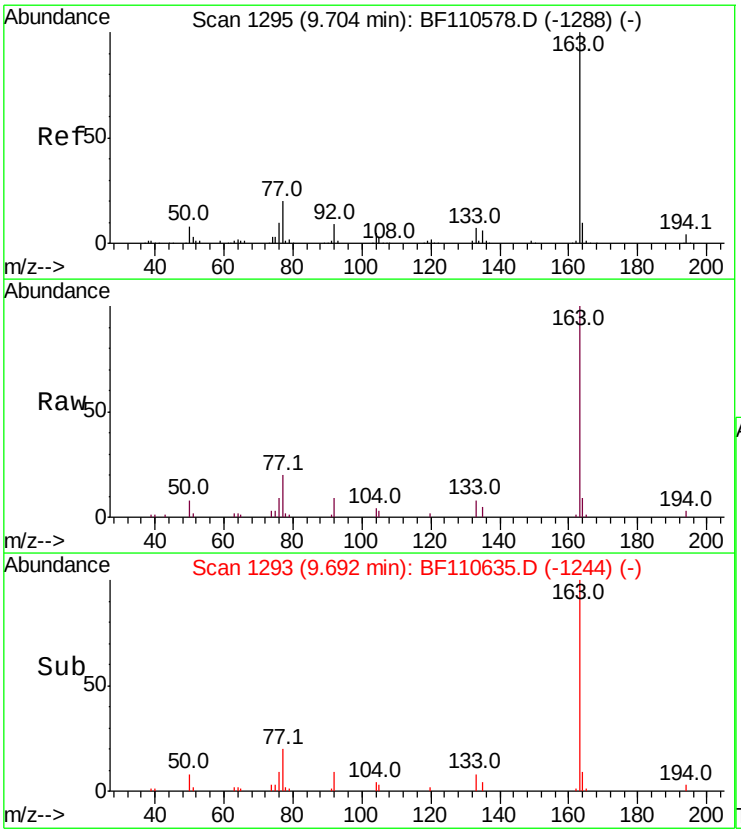
#45
2-Fluorobiphenyl
Concen: 65.561 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Instrument :
BNA_F
ClientSampleId :
OLDMANS-2

Tgt Ion:172 Resp: 660460

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.3	19.7	29.5

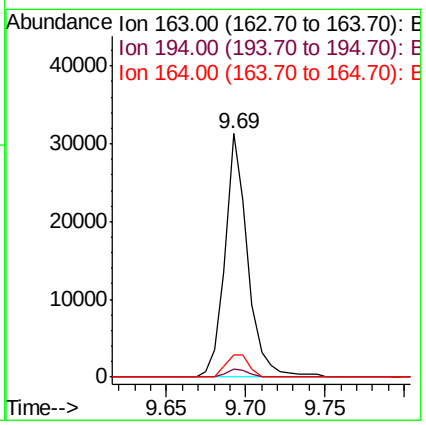


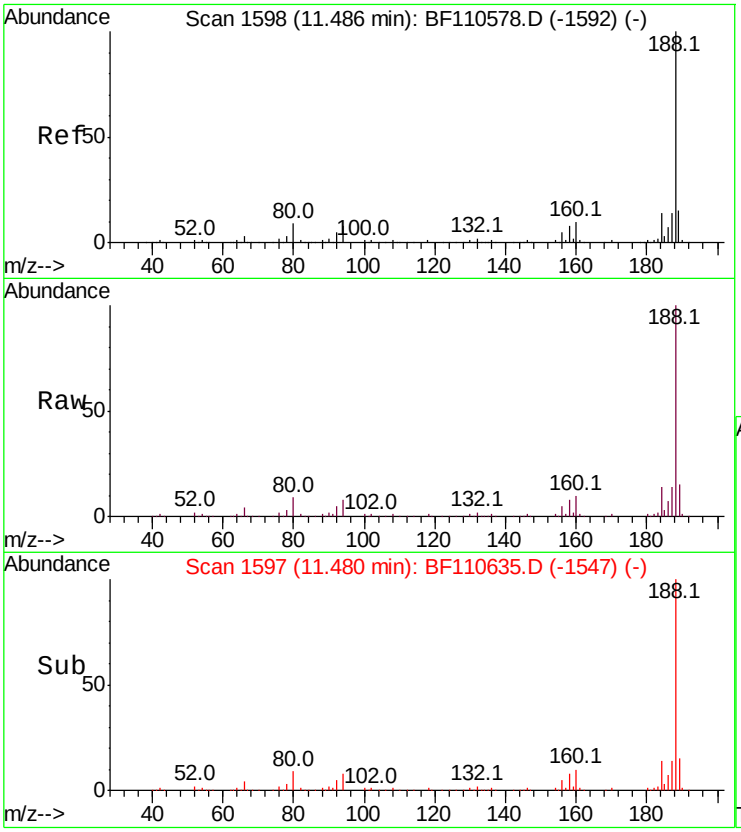


#50
Dimethylphthalate
Concen: 2.891 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Tgt Ion:163 Resp: 31040

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	8.9	8.1	12.1



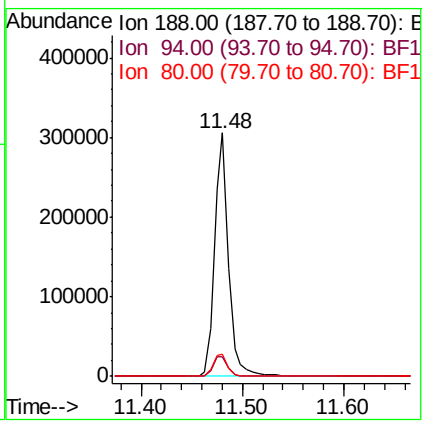


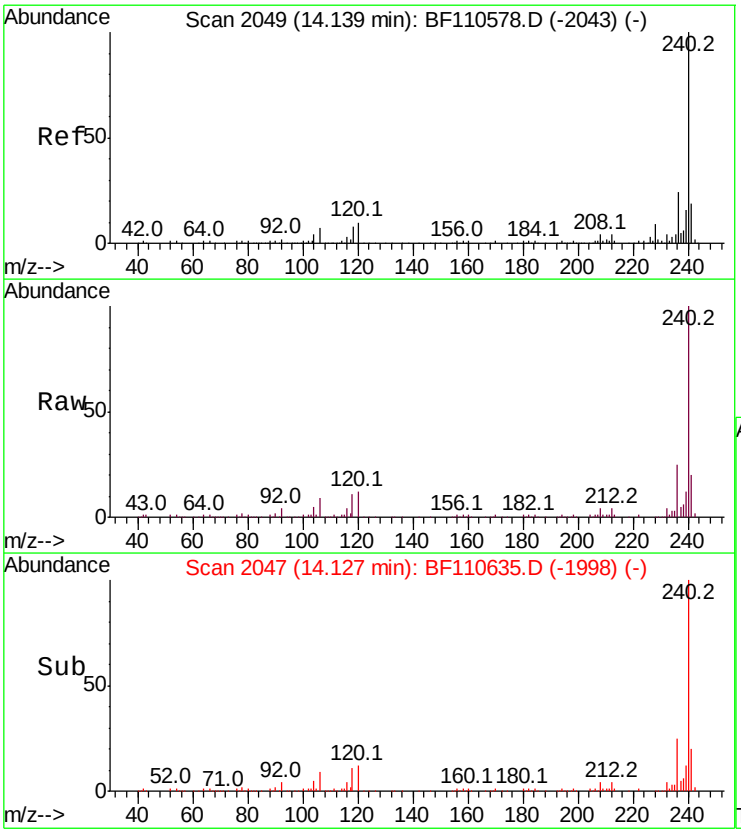
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Instrument :
BNA_F
ClientSampleId :
OLDMANS-2

Tgt Ion:188 Resp: 289690

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.2	7.9	11.9

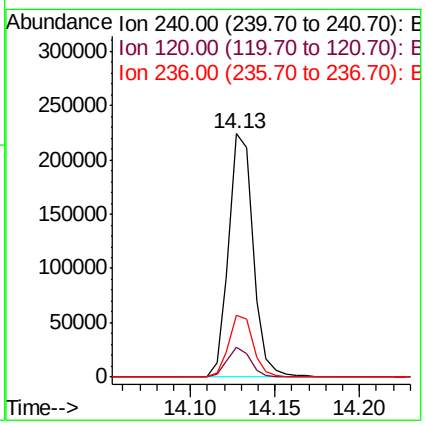


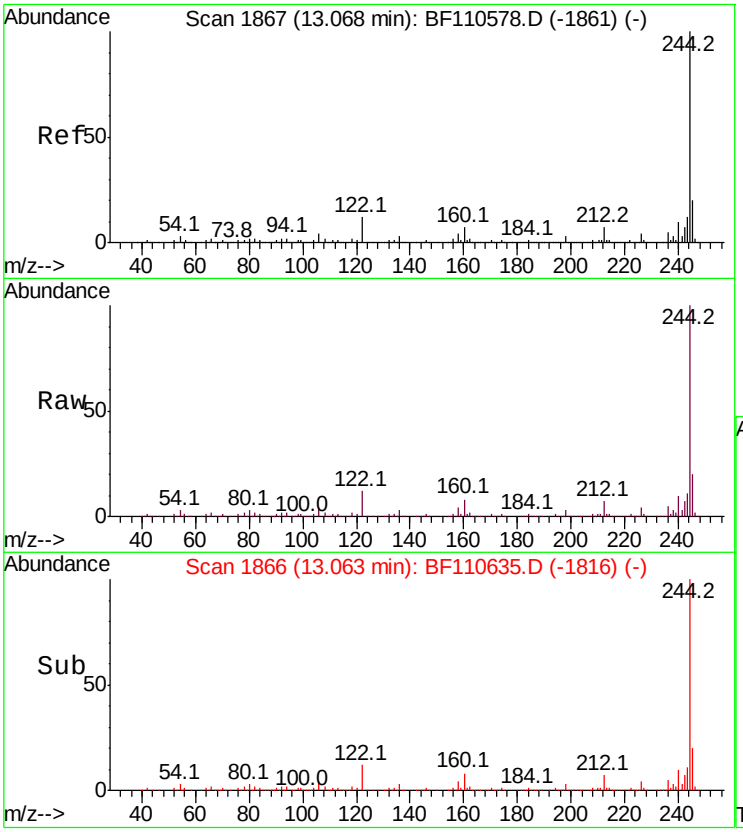


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Tgt Ion:240 Resp: 226422

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	25.4	21.2	31.8



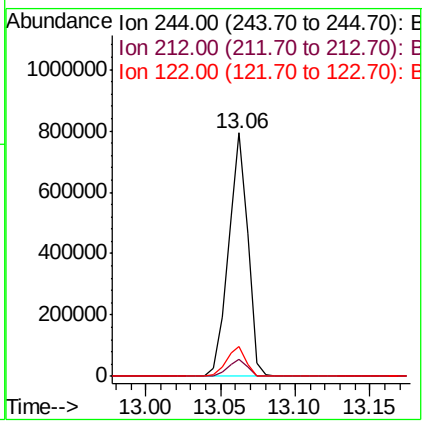


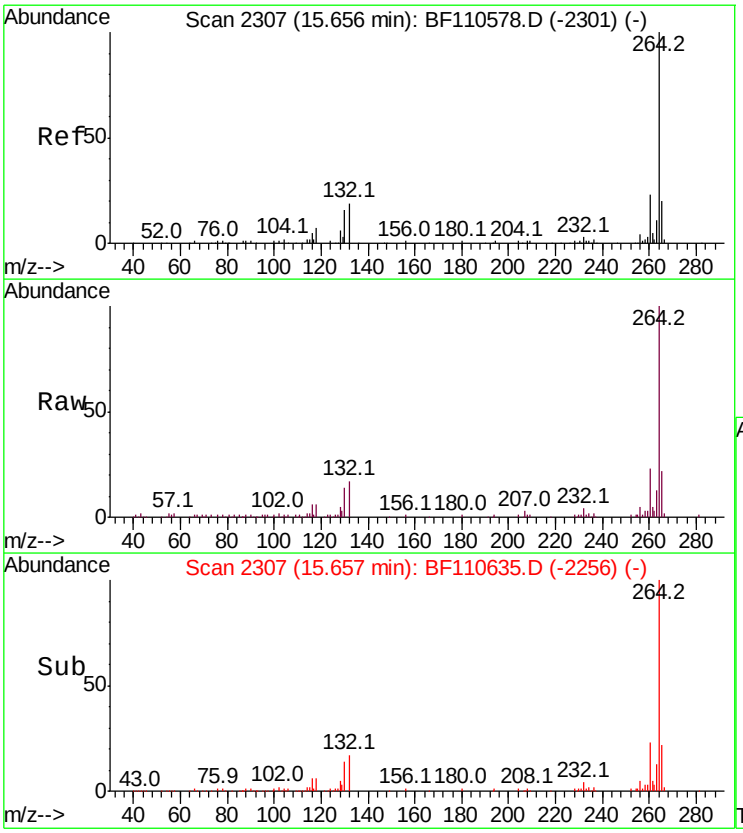
#79
Terphenyl-d14
Concen: 60.136 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Instrument :
BNA_F
ClientSampleId :
OLDMANS-2

Tgt Ion:244 Resp: 727054

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.3	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110635.D
Acq: 9 Nov 2018 18:53

Tgt Ion:264 Resp: 140064

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	22.0	16.7	25.1