Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105177.D
Acq On : 9 May 2018 6:29
Operator : JU/SJ
Sample : J2680-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-050418-A

Quant Time: May 09 12:11:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	233606	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	940237	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	463362	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	914244	20.00	ng	0.00
75) Chrysene-d12	14.00	240	788398	20.00	ng	-0.01
86) Perylene-d12	15.56	264	661264	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1723916	121.57	ng	0.02
7) Phenol-d6	6.42	99	1926932	114.13	ng	0.00
23) Nitrobenzene-d5	7.36	82	1511600	108.96	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	762410	149.14	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2656019	88.97	ng	0.00
78) Terphenyl-d14	12.92	244	2869850	84.55	ng	0.00
Target Compounds						Qvalue

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

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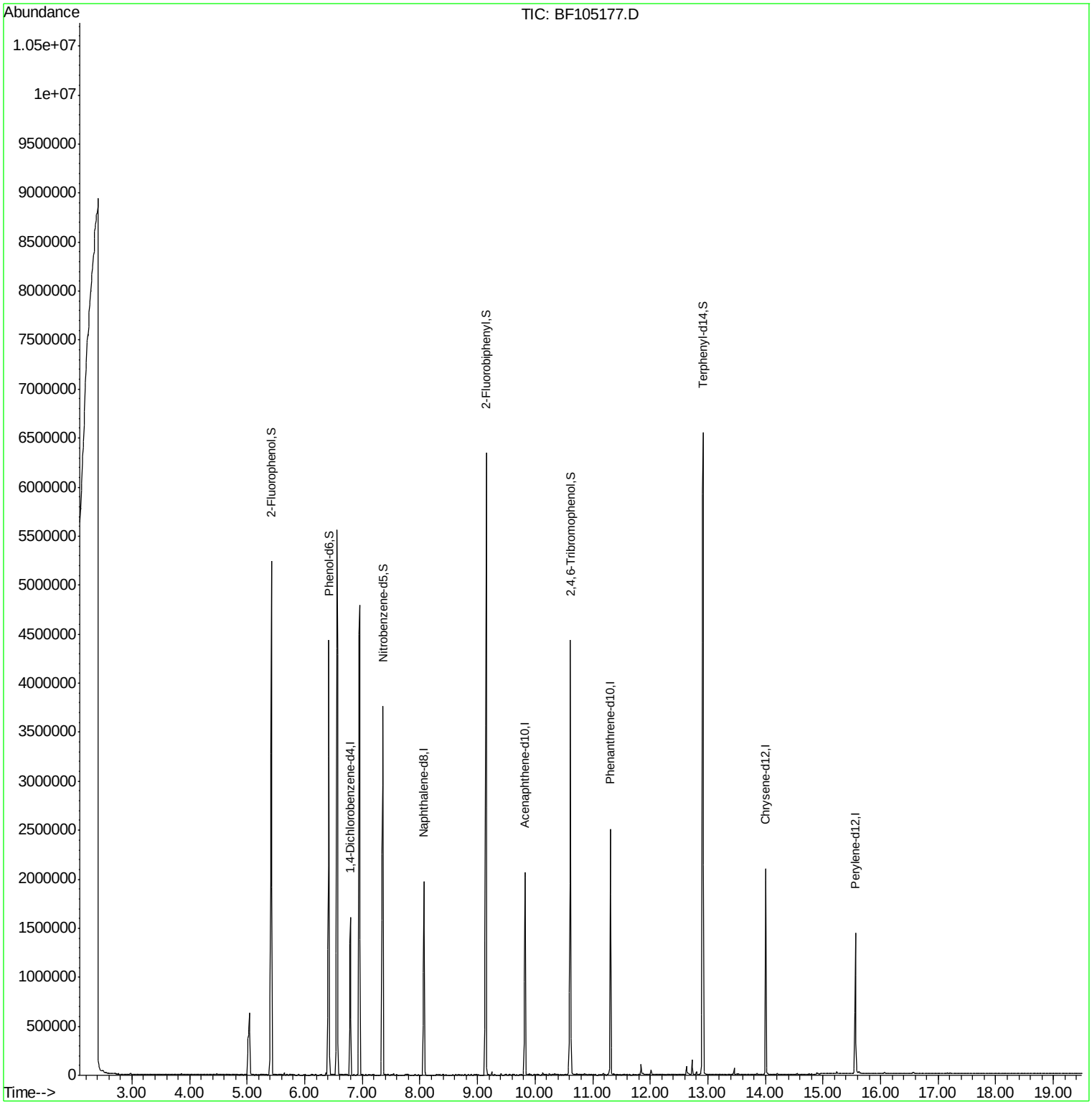
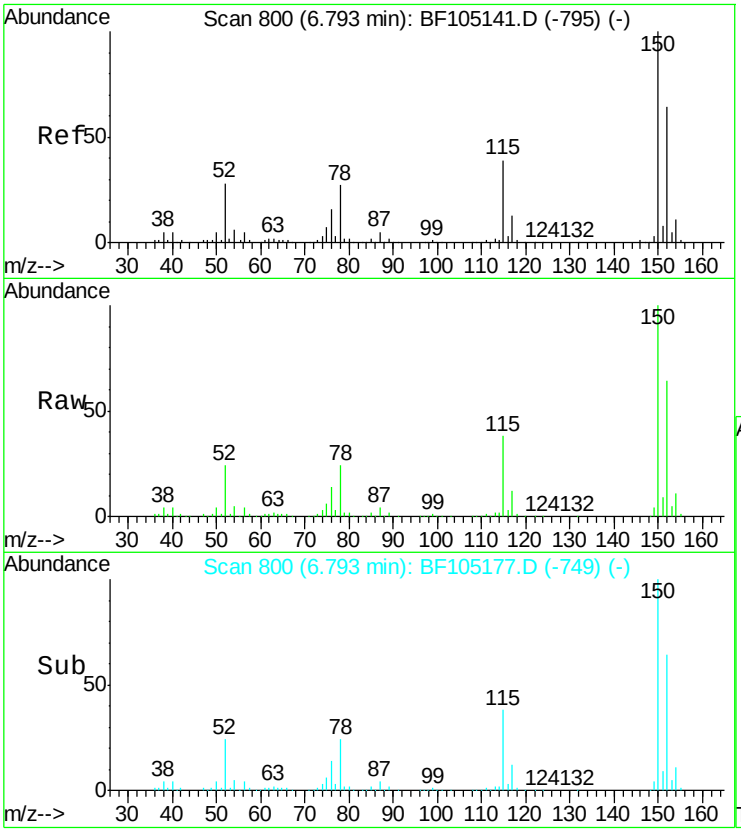


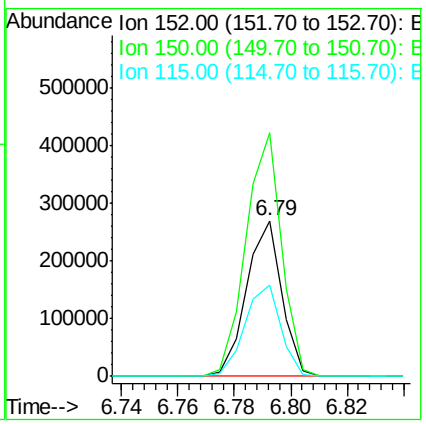


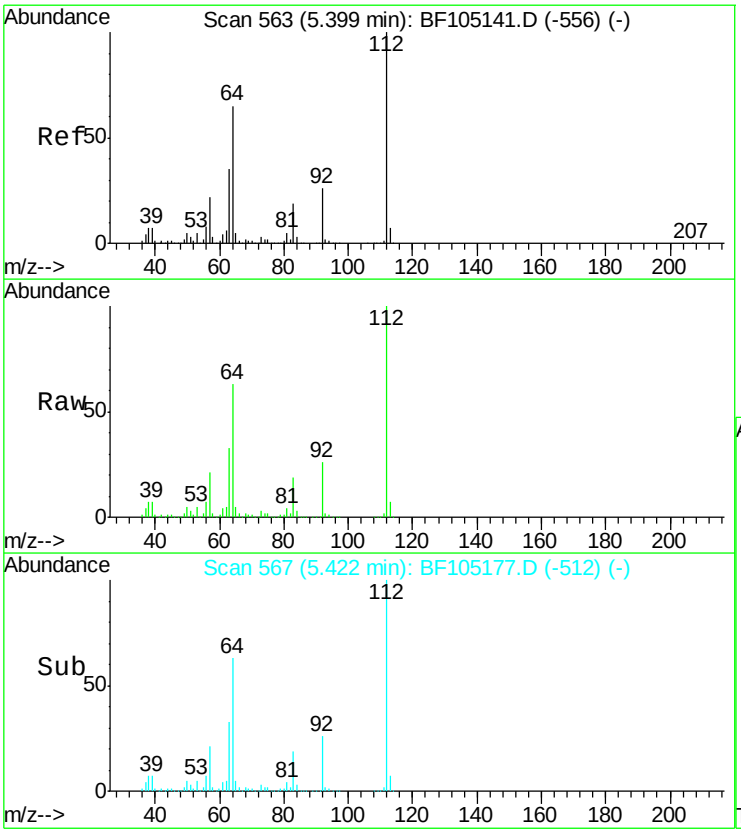
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105177.D
Acq: 9 May 2018 6:29

Instrument :
BNA_F
ClientSampleId :
PL-02-050418-A

Tgt Ion:152 Resp: 233606

Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	59.1	50.1	75.1

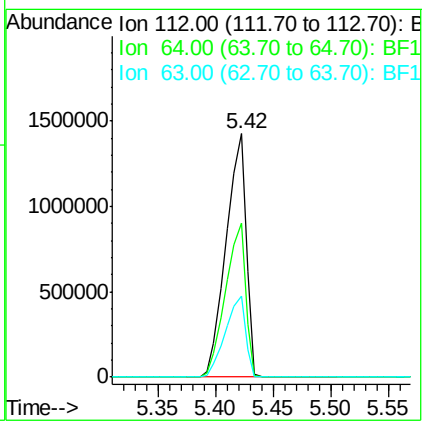


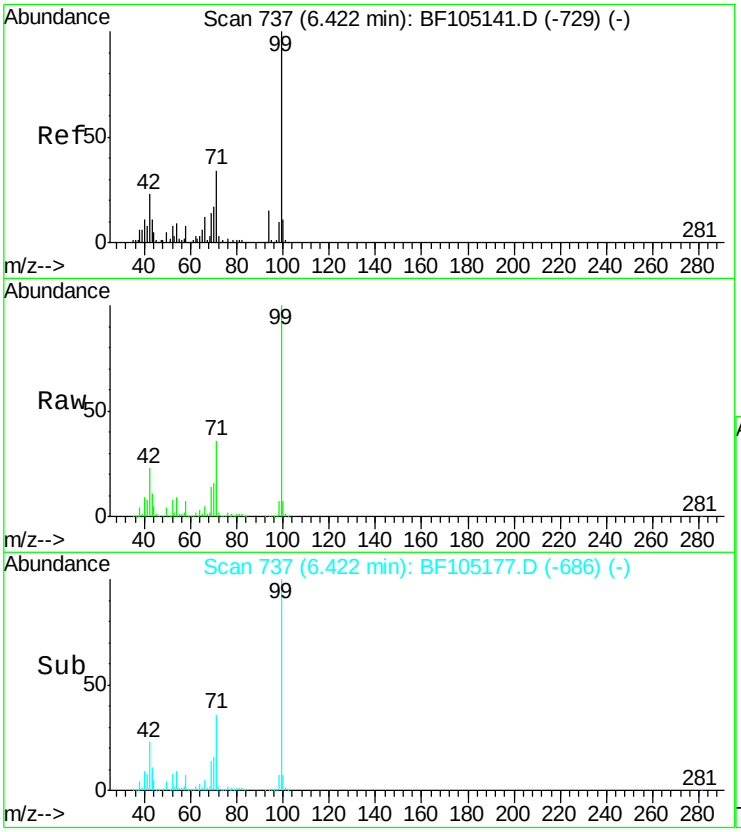


#5
2-Fluorophenol
Concen: 121.574 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF105177.D
Acq: 9 May 2018 6:29

Tgt Ion:112 Resp: 1723916

Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.9	71.9
63	33.3	23.7	35.5



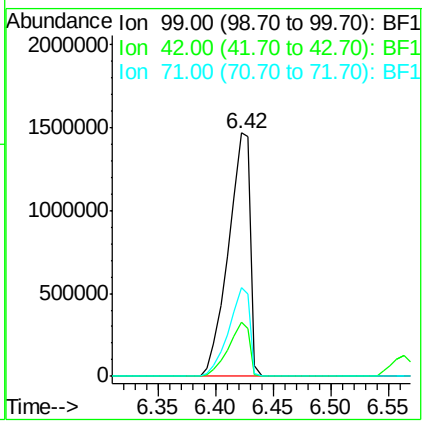


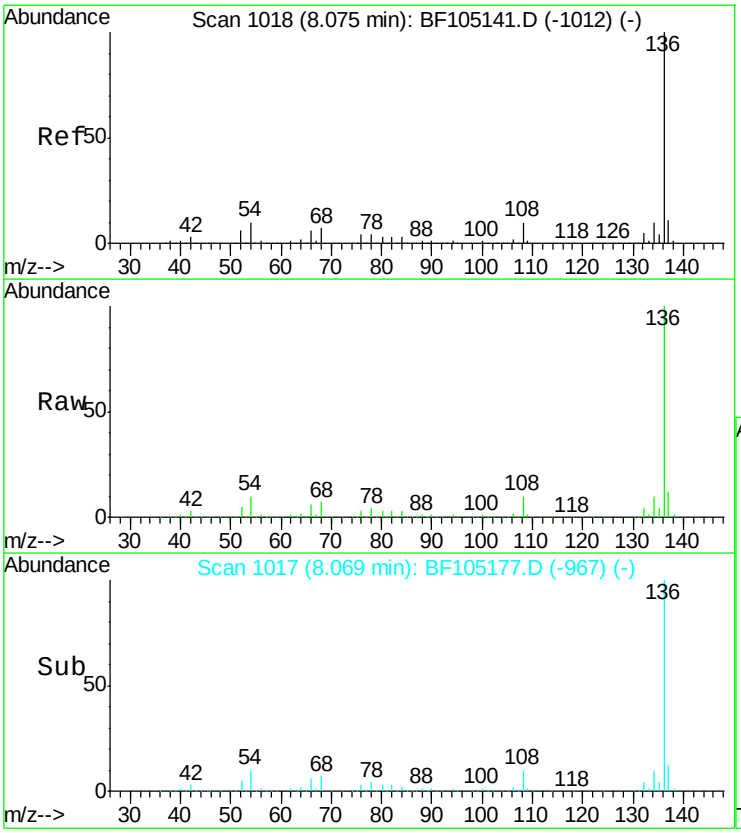
#7
Phenol-d6
Concen: 114.126 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF105177.D
Acq: 9 May 2018 6:29

Instrument :
BNA_F
ClientSampleId :
PL-02-050418-A

Tgt Ion: 99 Resp: 1926932

Ion	Ratio	Lower	Upper
99	100		
42	22.5	14.5	21.7#
71	36.3	25.4	38.0

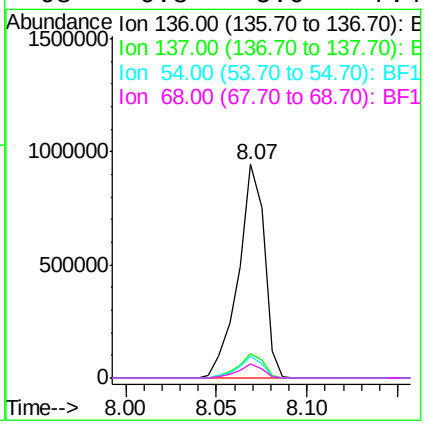


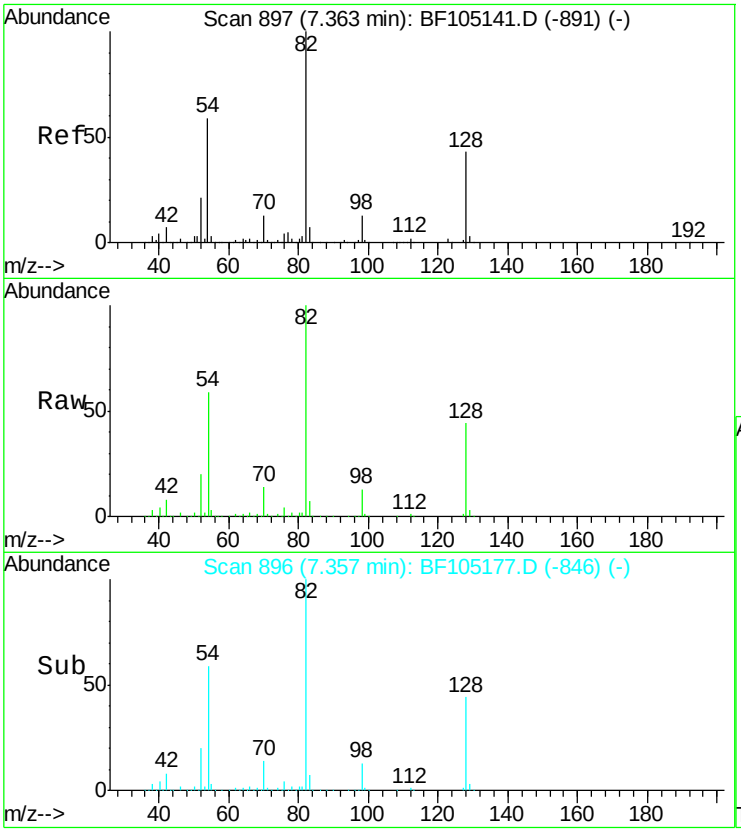


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF105177.D
Acq: 9 May 2018 6:29

Tgt Ion:136 Resp: 940237

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.1	6.6	9.8#
68	6.8	5.0	7.4



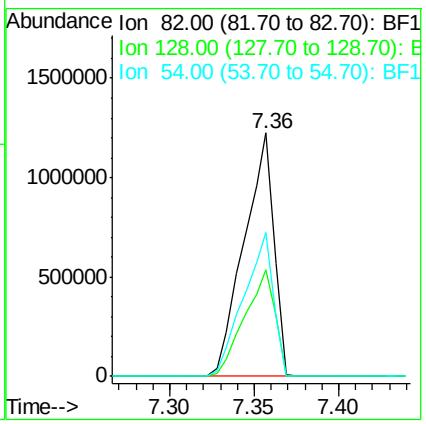


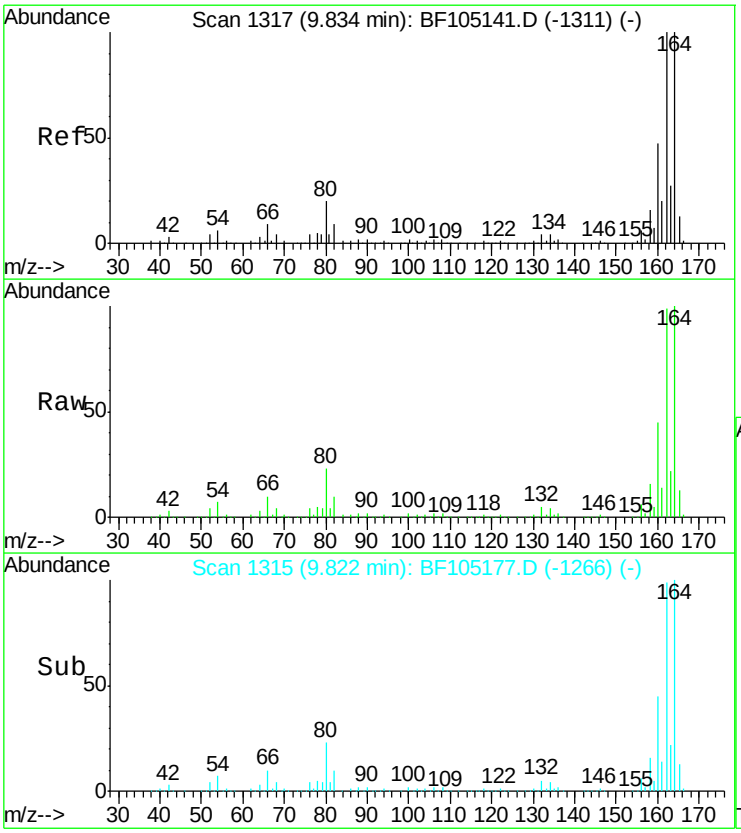
#23
Nitrobenzene-d5
Concen: 108.958 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105177.D
Acq: 9 May 2018 6:29

Instrument :
BNA_F
ClientSampleId :
PL-02-050418-A

Tgt Ion: 82 Resp: 1511600

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	58.9	41.4	62.2

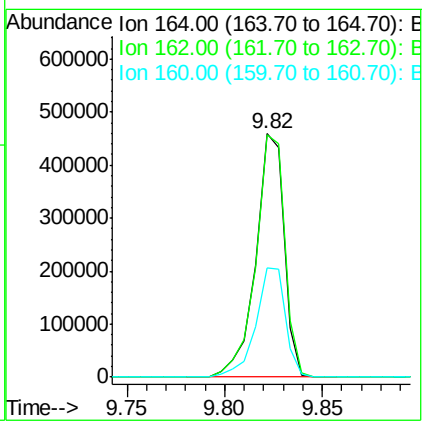


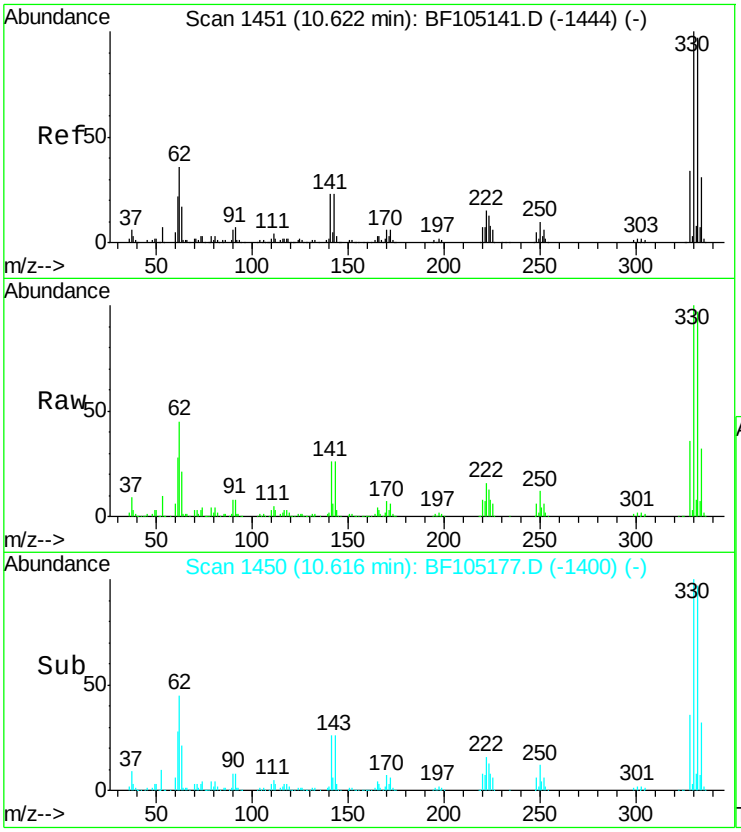


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105177.D
Acq: 9 May 2018 6:29

Tgt Ion:164 Resp: 463362

Ion	Ratio	Lower	Upper
164	100		
162	99.5	86.1	129.1
160	45.0	38.3	57.5



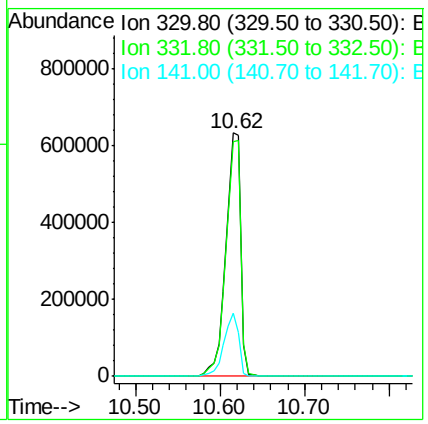


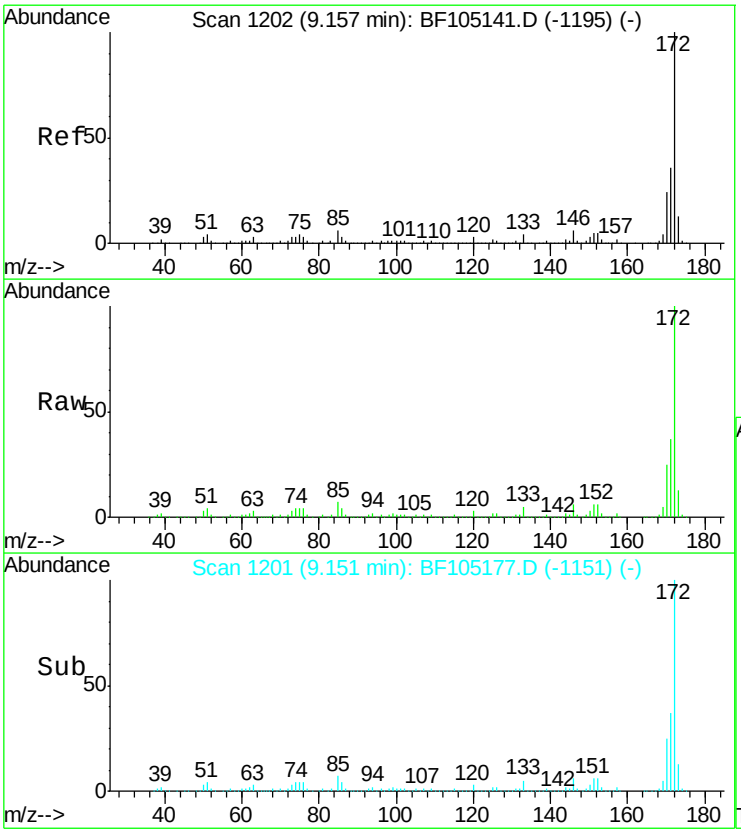
#41
2,4,6-Tribromophenol
Concen: 149.137 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF105177.D
Acq: 9 May 2018 6:29

Instrument :
BNA_F
ClientSampleId :
PL-02-050418-A

Tgt Ion:330 Resp: 762410

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	26.1	29.9	44.9#

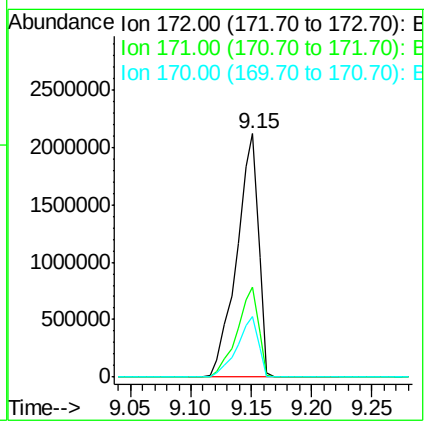


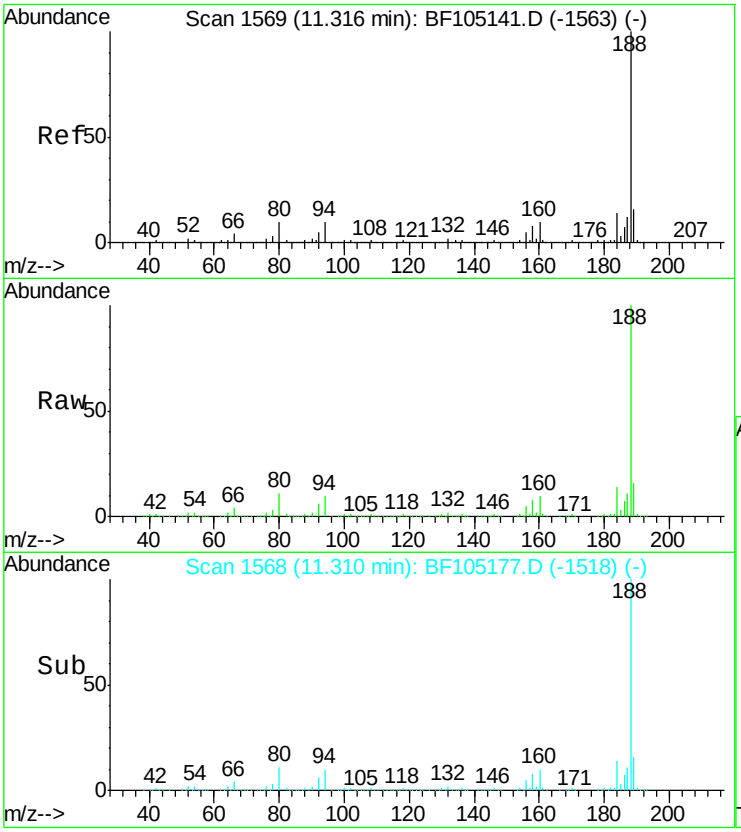


#44
2-Fluorobiphenyl
Concen: 88.968 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF105177.D
Acq: 9 May 2018 6:29

Tgt Ion:172 Resp: 2656019

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.9	19.6	29.4



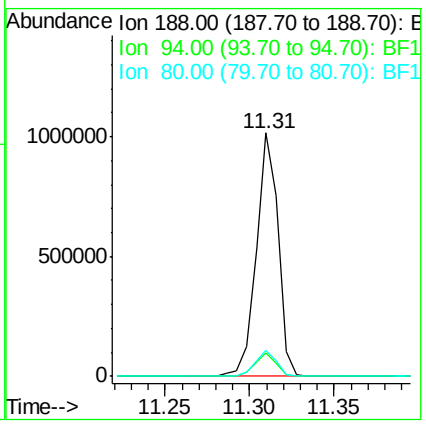


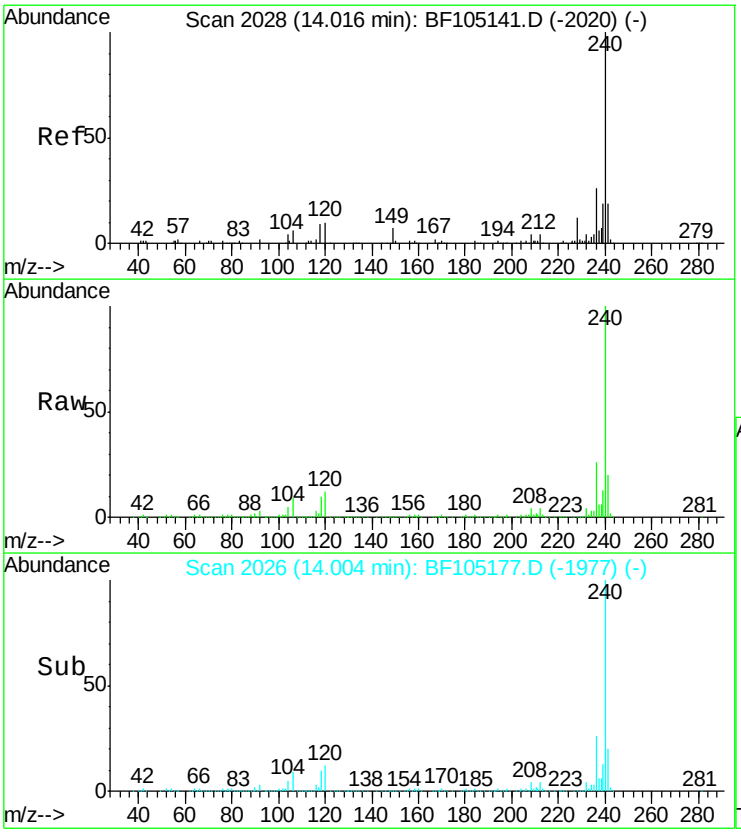
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105177.D
Acq: 9 May 2018 6:29

Instrument :
BNA_F
ClientSampleId :
PL-02-050418-A

Tgt Ion:188 Resp: 914244

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.6	9.2	13.8

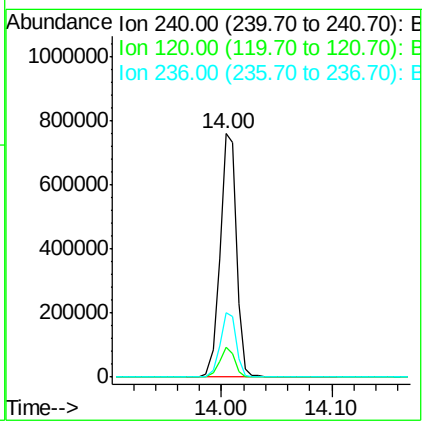


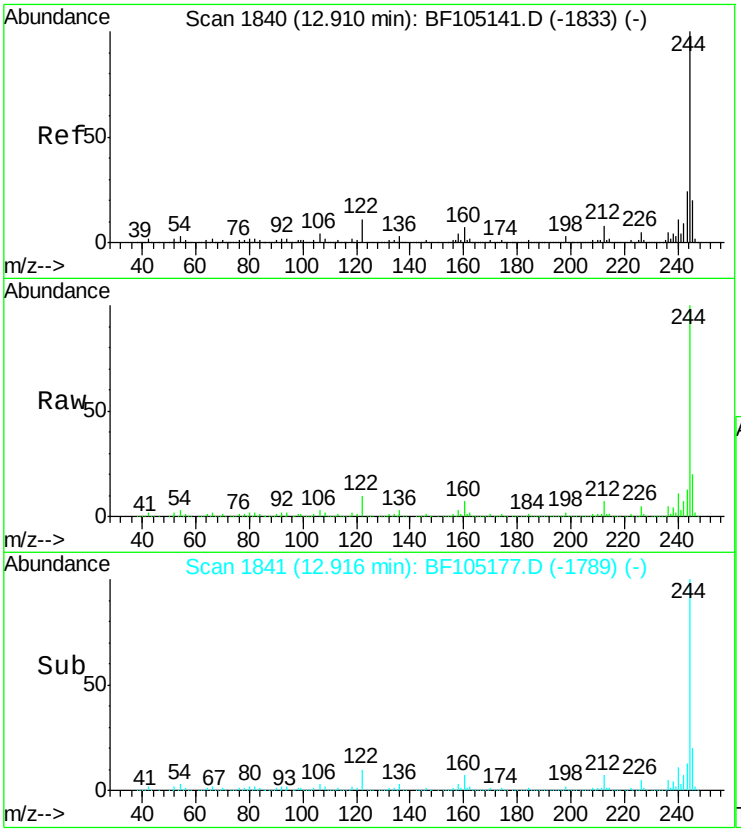


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF105177.D
Acq: 9 May 2018 6:29

Tgt Ion:240 Resp: 788398

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	26.4	20.7	31.1



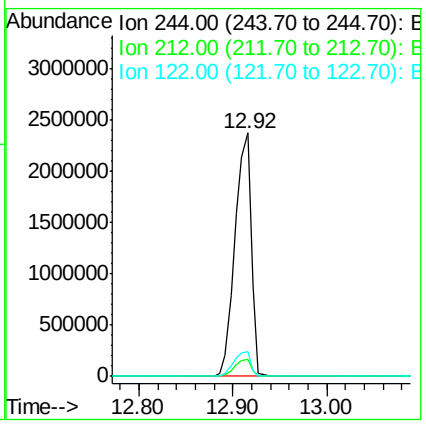


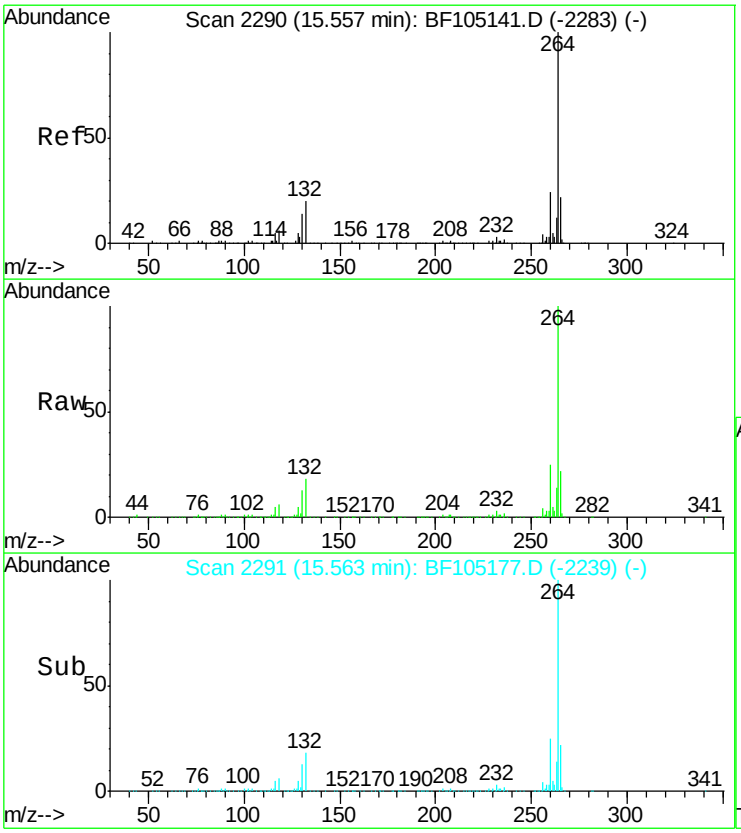
#78
Terphenyl-d14
Concen: 84.555 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF105177.D
Acq: 9 May 2018 6:29

Instrument :
BNA_F
ClientSampleId :
PL-02-050418-A

Tgt Ion:244 Resp: 2869850

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.0	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF105177.D
Acq: 9 May 2018 6:29

Tgt Ion:264 Resp: 661264

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.8	17.5	26.3