Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103358.D
Acq On : 2 Mar 2018 11:32
Operator : SJ/JU
Sample : PB106964BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB106964BL

Quant Time: Mar 02 13:43:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	139029	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	576374	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	263486	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	469826	20.00	ng	0.00
75) Chrysene-d12	14.06	240	341375	20.00	ng	0.00
86) Perylene-d12	15.57	264	255899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	989803	107.68	ng	0.01
7) Phenol-d6	6.51	99	1186152	105.45	ng	0.00
23) Nitrobenzene-d5	7.44	82	782776	77.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	199926	89.64	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1213636	77.74	ng	0.00
78) Terphenyl-d14	13.00	244	1084590	76.37	ng	0.00

Target Compounds	Qvalue

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

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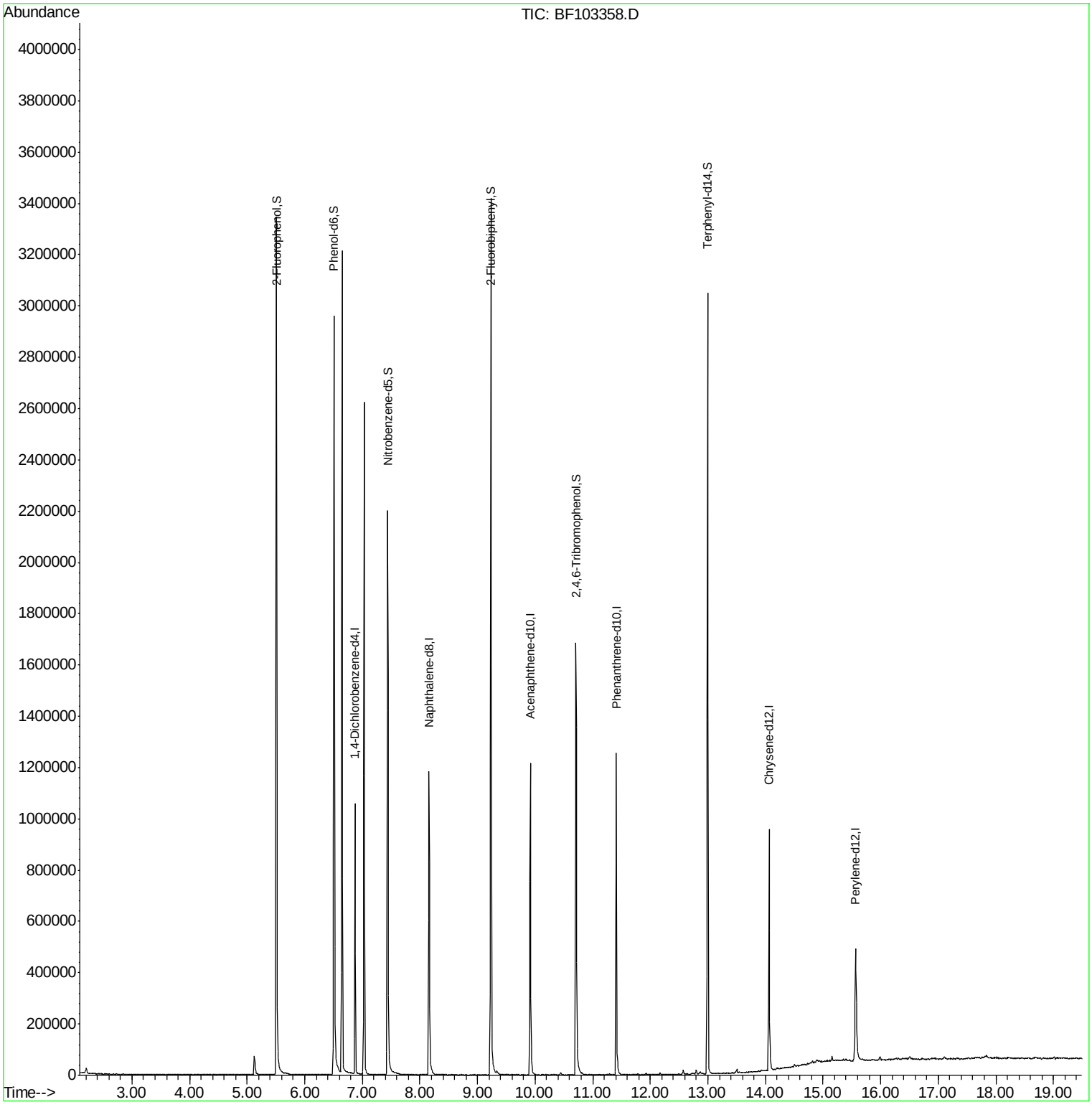
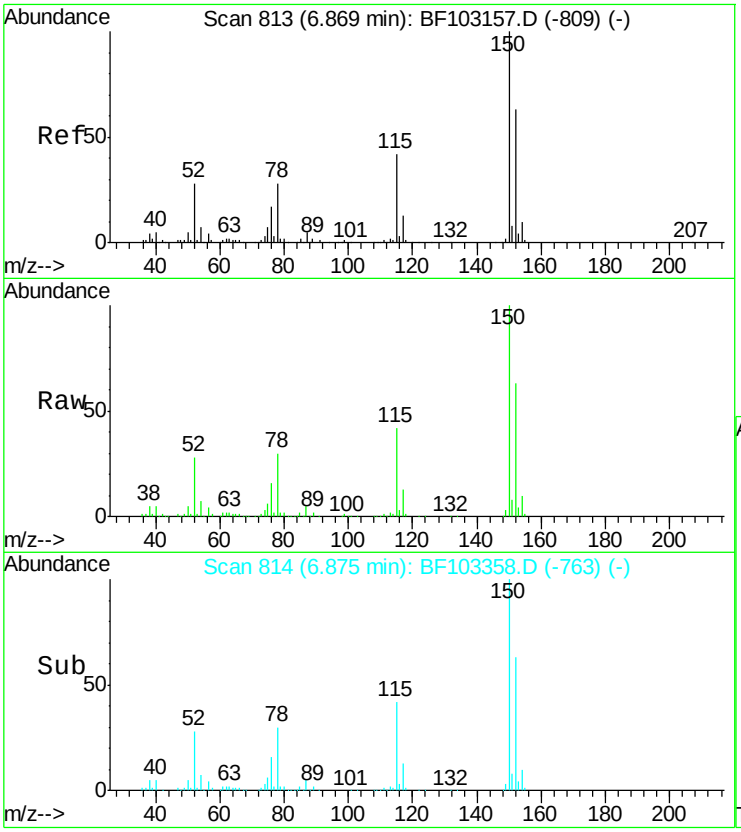


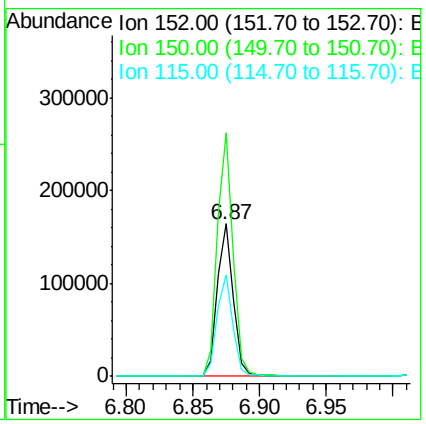


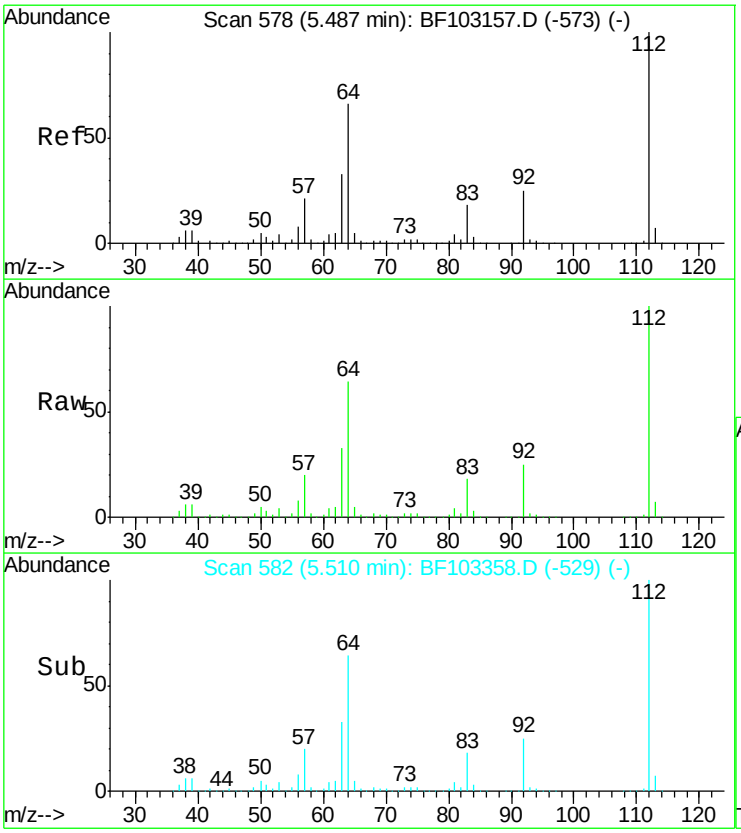
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB106964BL

Tgt Ion:152 Resp: 139029

Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	66.8	50.1	75.1

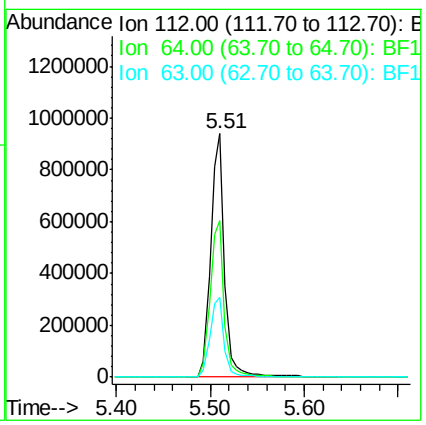


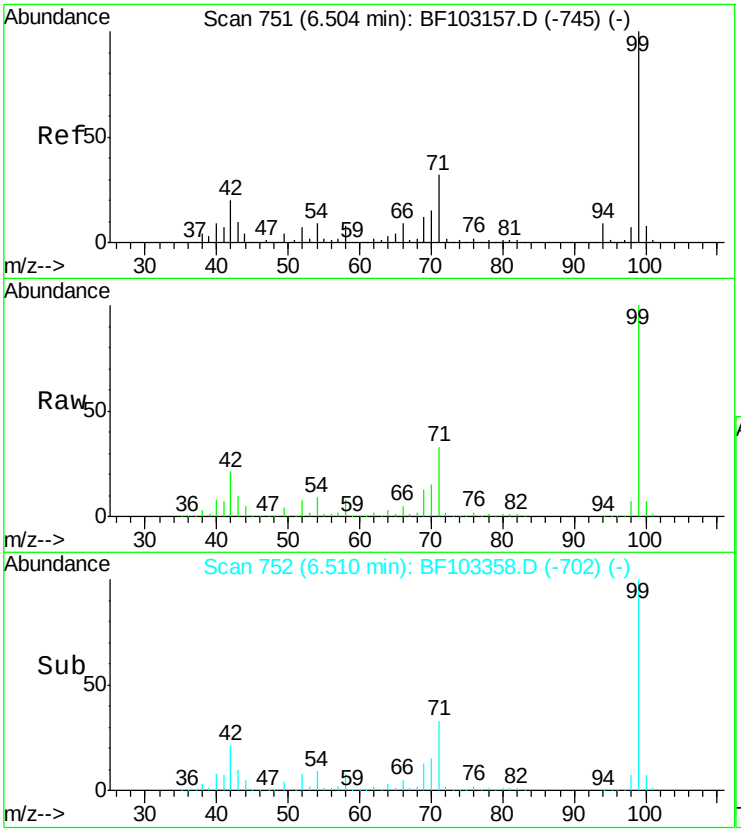


#5
2-Fluorophenol
Concen: 107.676 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Tgt Ion:112 Resp: 989803

Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	32.7	23.7	35.5



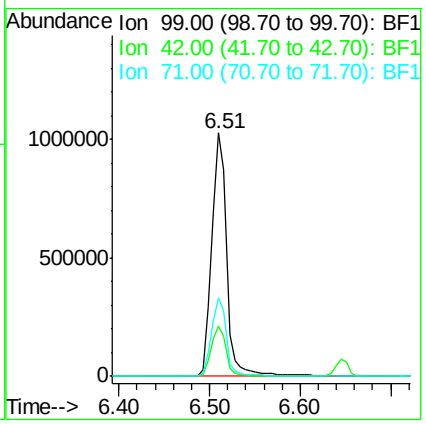


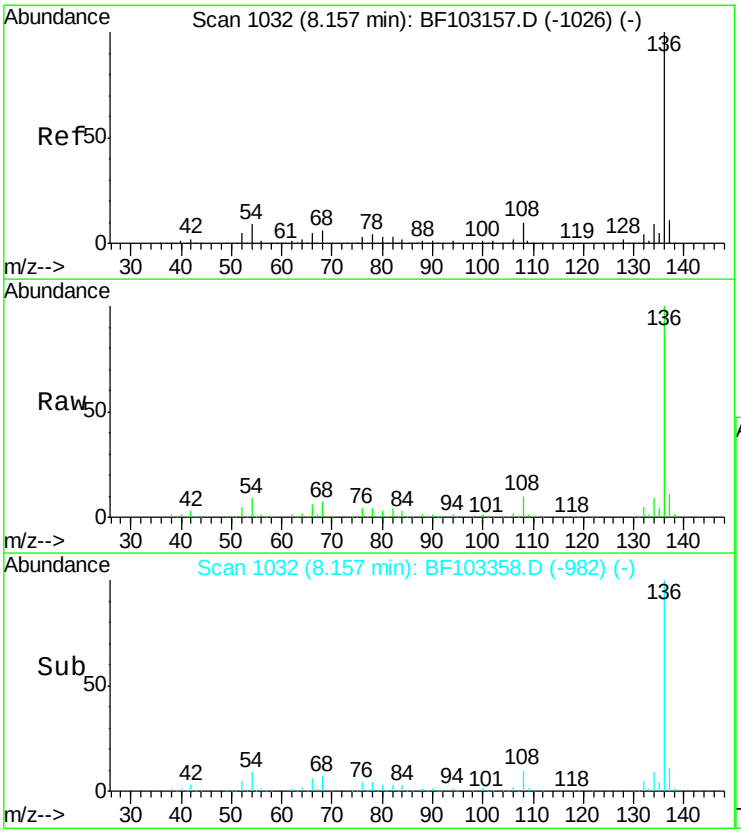
#7
Phenol-d6
Concen: 105.451 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB106964BL

Tgt Ion: 99 Resp: 1186152

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	32.5	25.4	38.0

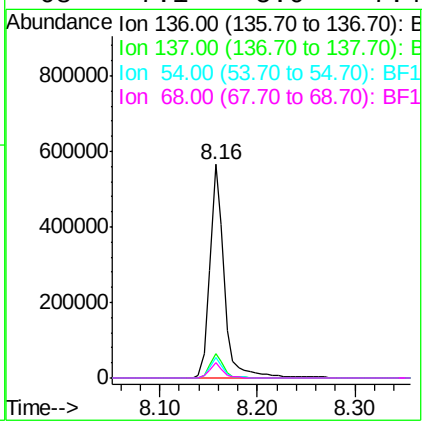


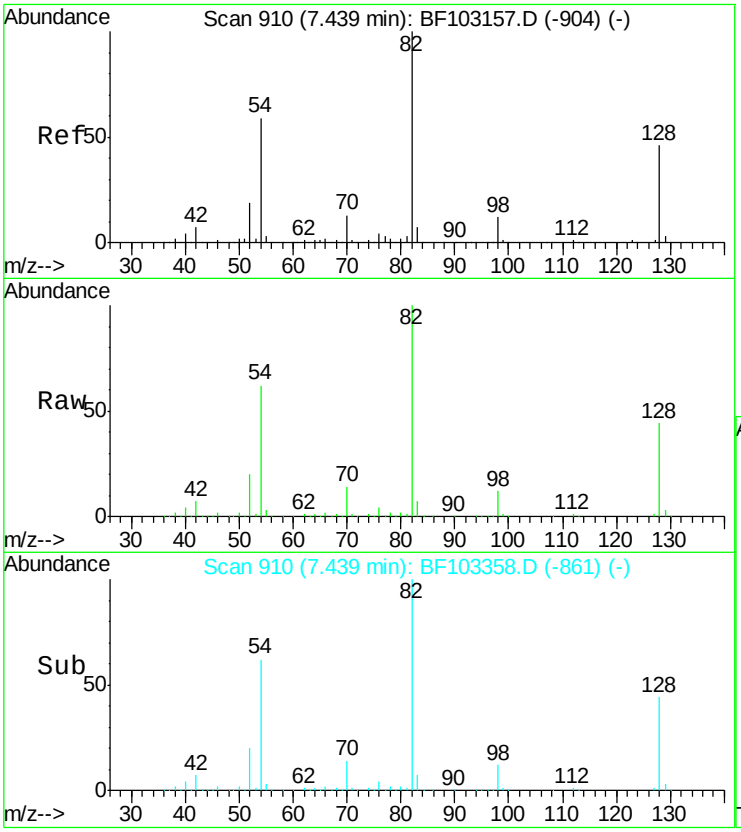


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Tgt Ion:136 Resp: 576374

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.4	6.6	9.8
68	7.1	5.0	7.4



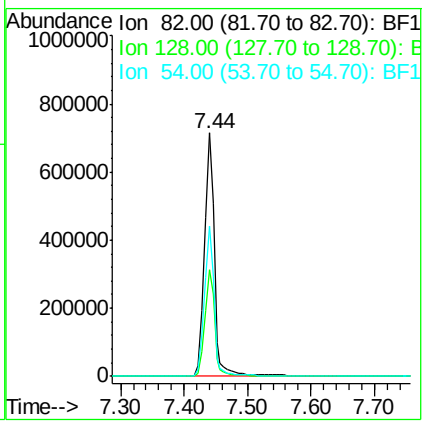


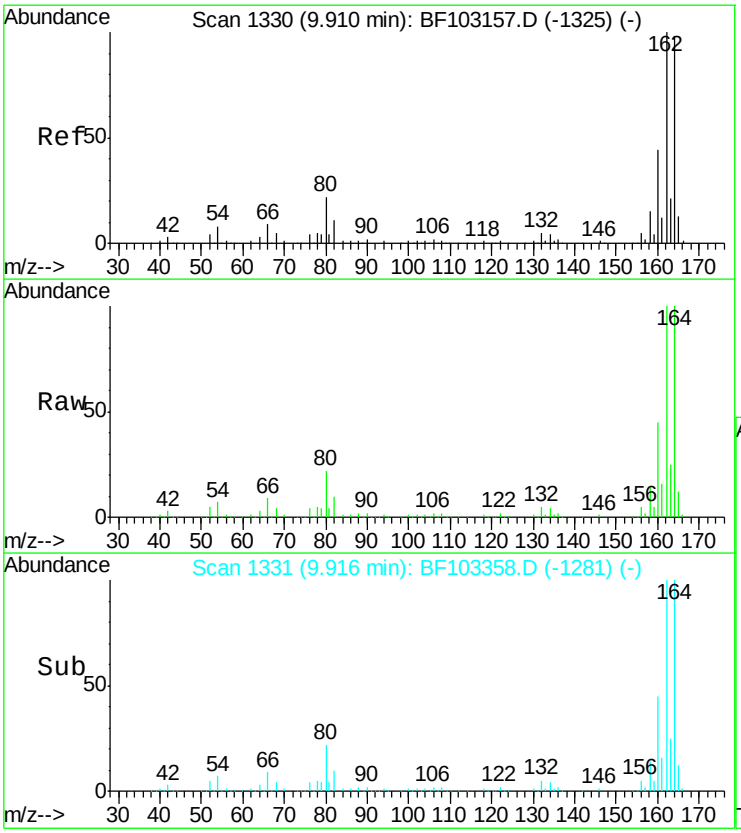
#23
Nitrobenzene-d5
Concen: 77.559 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB106964BL

Tgt Ion: 82 Resp: 782776

Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	61.6	41.4	62.2

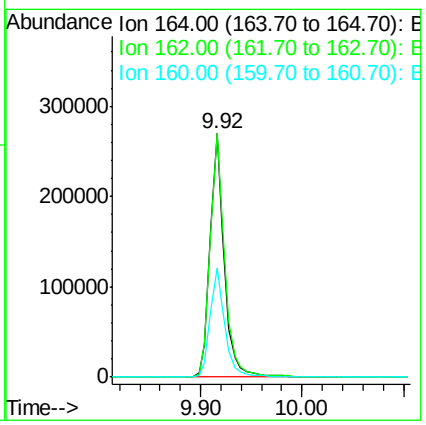


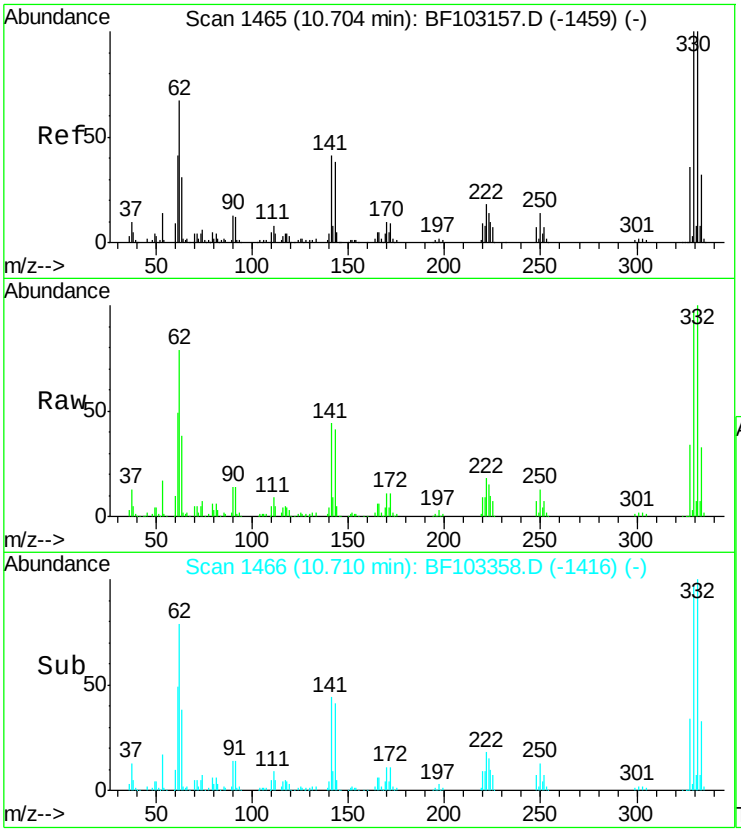


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Tgt Ion:164 Resp: 263486

Ion	Ratio	Lower	Upper
164	100		
162	99.9	86.1	129.1
160	44.8	38.3	57.5



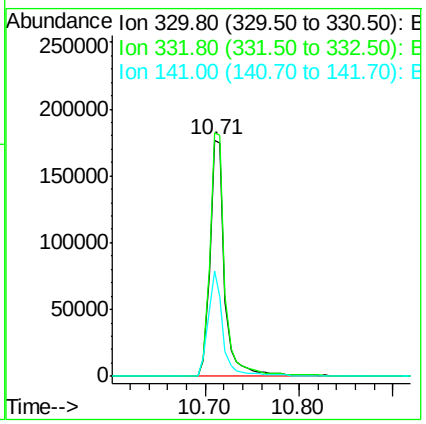


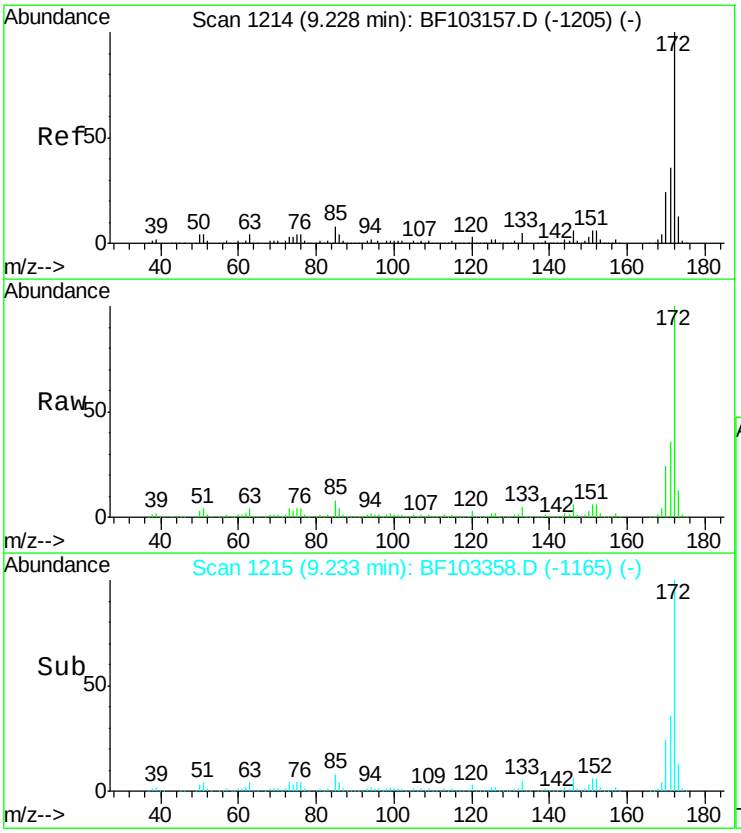
#41
2,4,6-Tribromophenol
Concen: 89.642 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB106964BL

Tgt Ion:330 Resp: 199926

Ion	Ratio	Lower	Upper
330	100		
332	105.0	77.0	115.6
141	44.6	29.9	44.9

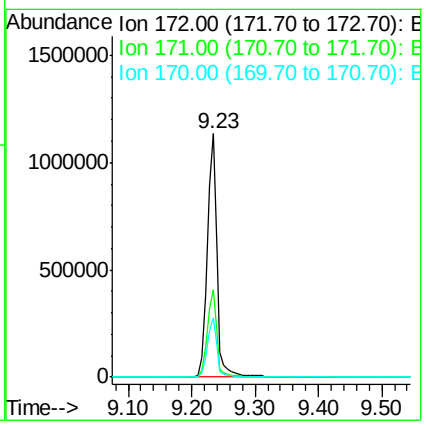


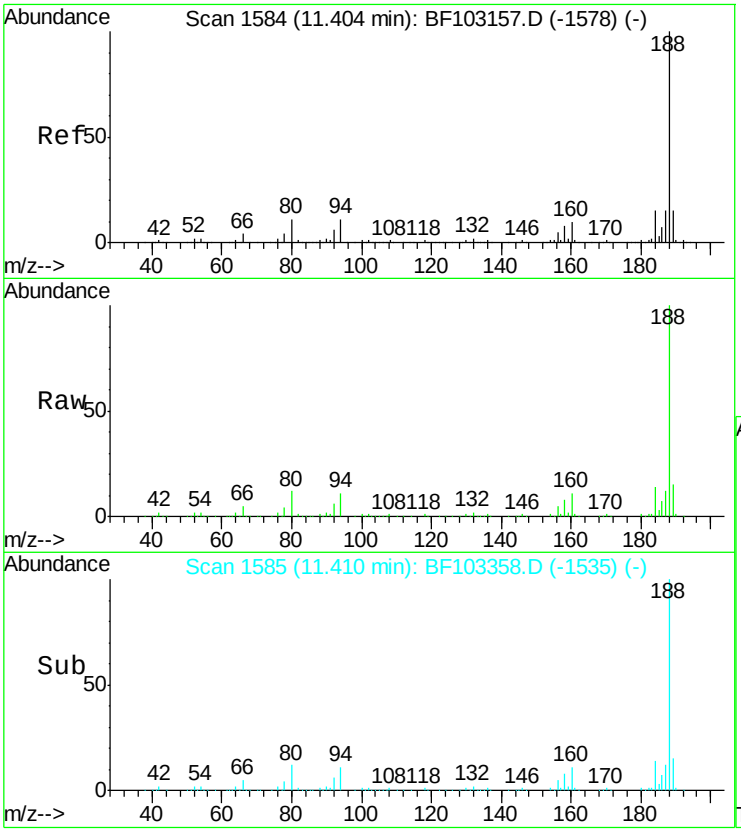


#44
2-Fluorobiphenyl
Concen: 77.736 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Tgt Ion:172 Resp: 1213636

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	19.6	29.4



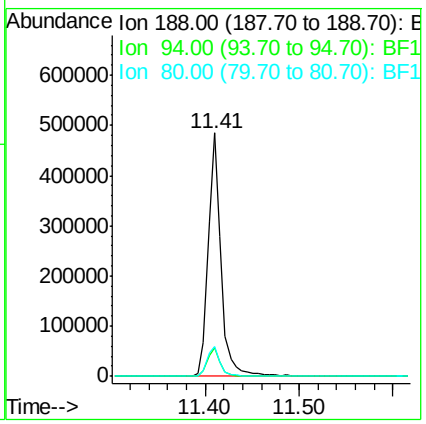


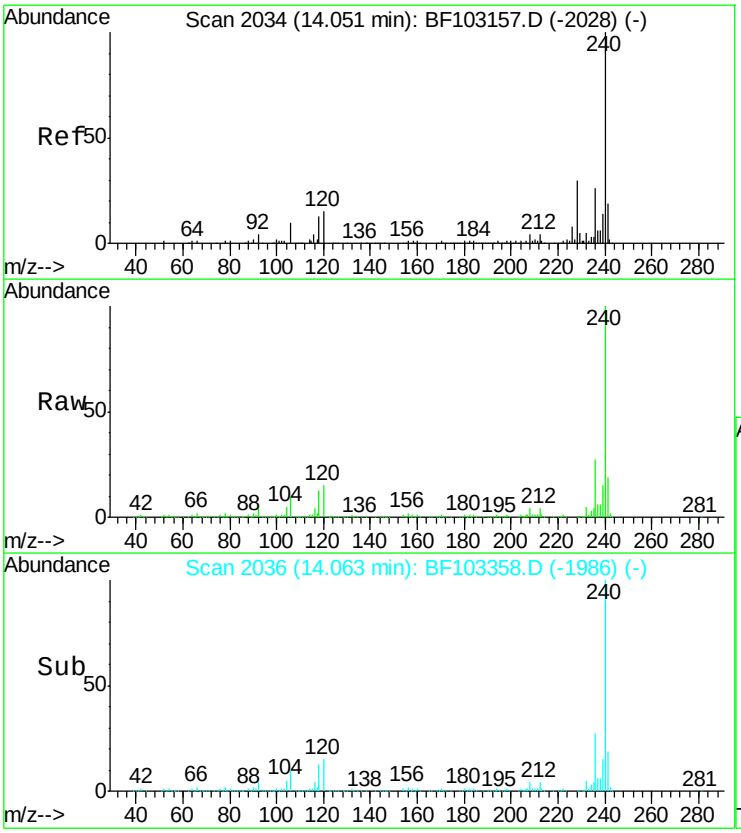
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB106964BL

Tgt Ion:188 Resp: 469826

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.5	9.2	13.8

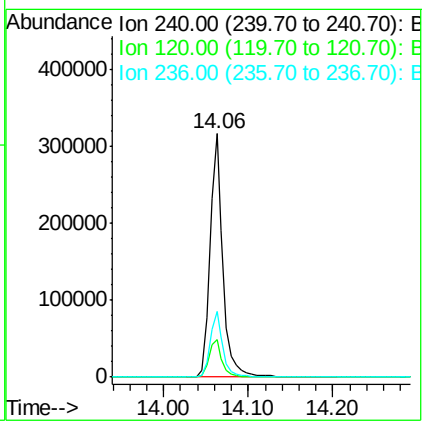


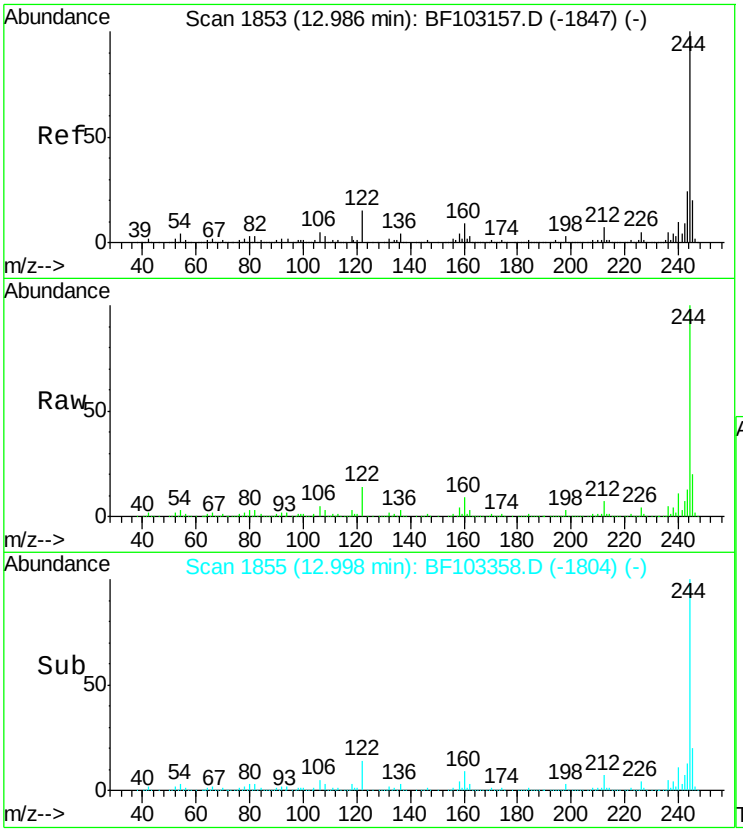


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Tgt Ion:240 Resp: 341375

Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	27.0	20.7	31.1



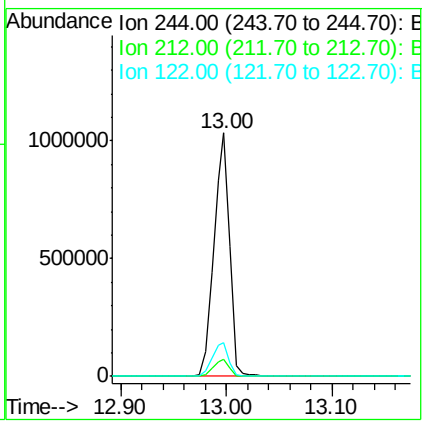


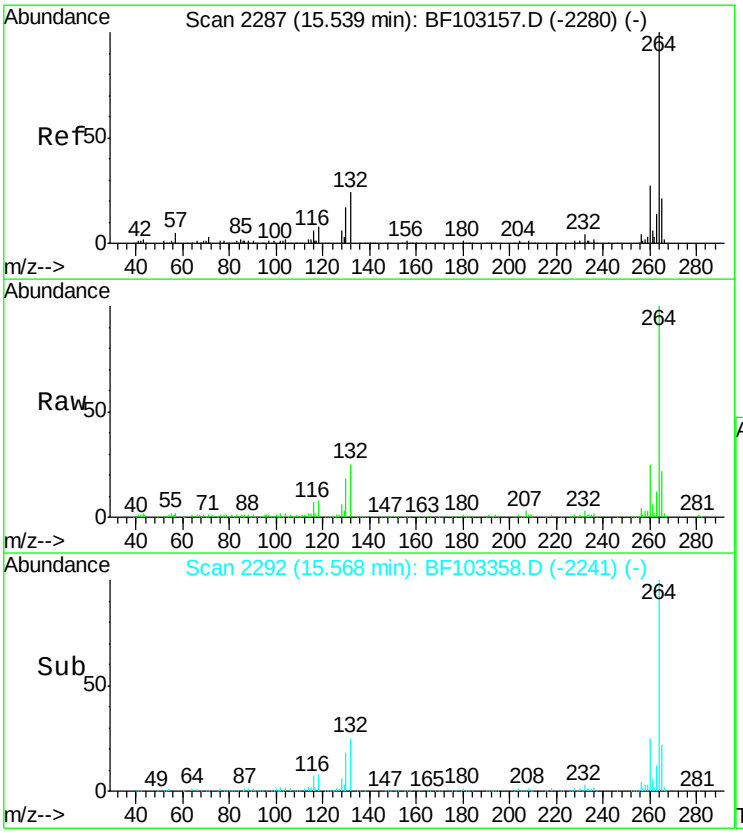
#78
Terphenyl-d14
Concen: 76.374 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Instrument :
BNA_F
ClientSampleId :
PB106964BL

Tgt Ion:244 Resp: 1084590

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103358.D
Acq: 2 Mar 2018 11:32

Tgt Ion:264 Resp: 255899

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.6	17.5	26.3