Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100820.D
Acq On : 22 Nov 2017 12:24
Operator : SJ/JU
Sample : I6310-05 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-112017-A

Quant Time: Nov 22 18:11:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	83654	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	315516	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	136862	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	210674	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	177042	20.00	ng	-0.01
86) Perylene-d12	15.51	264	188748	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	56238	10.78	ng	-0.01
7) Phenol-d6	6.49	99	68889	10.70	ng	-0.02
23) Nitrobenzene-d5	7.43	82	38933	8.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	14402	10.33	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	86717	9.65	ng	-0.02
78) Terphenyl-d14	12.97	244	58009	7.53	ng	-0.01
Target Compounds						Qvalue

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

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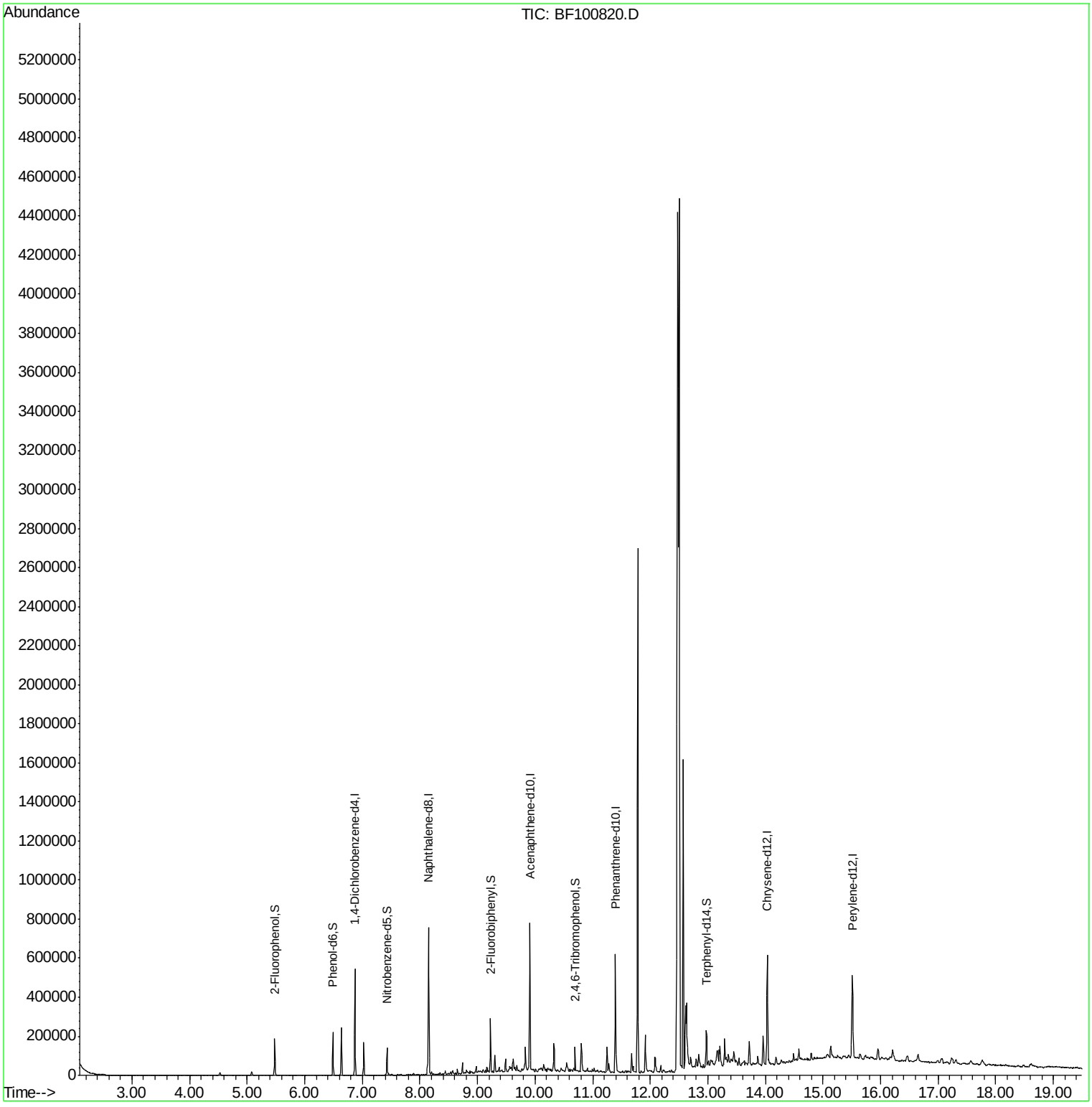
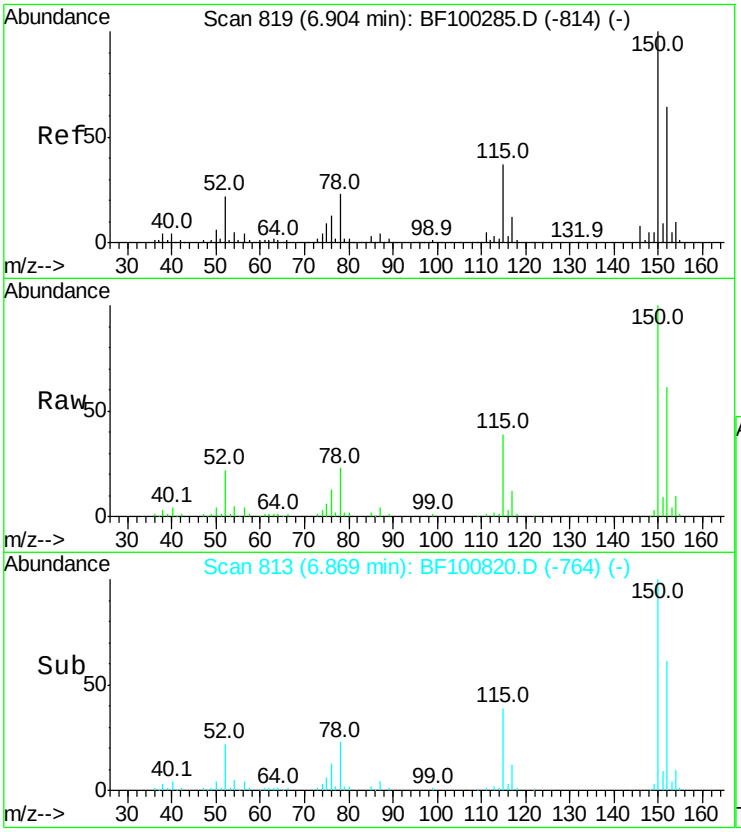


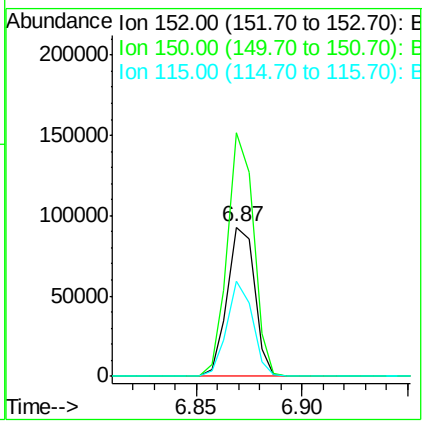


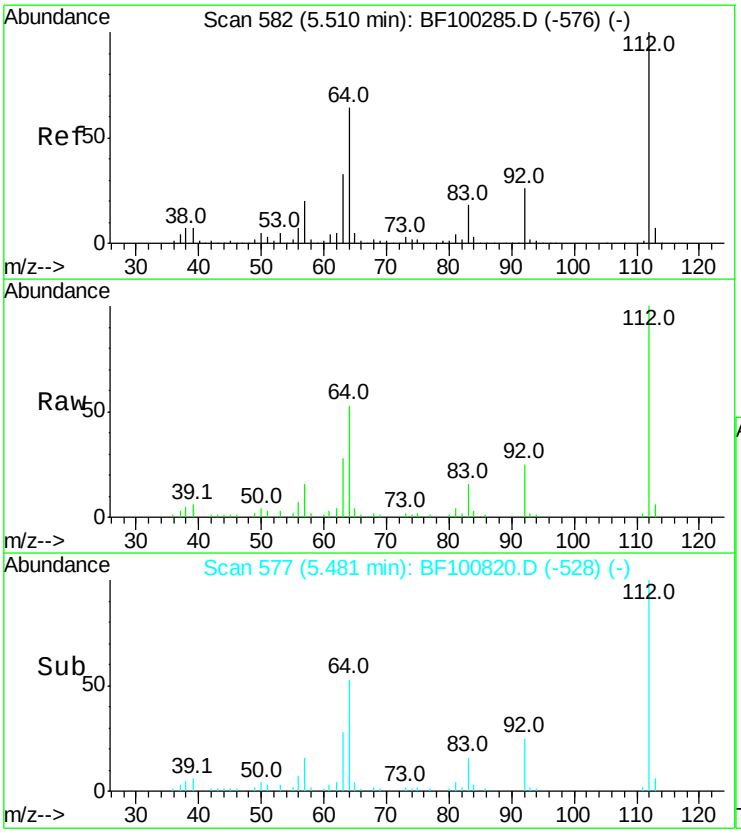
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-A

Tgt Ion:152 Resp: 83654

Ion	Ratio	Lower	Upper
152	100		
150	162.9	124.6	186.8
115	63.5	50.1	75.1

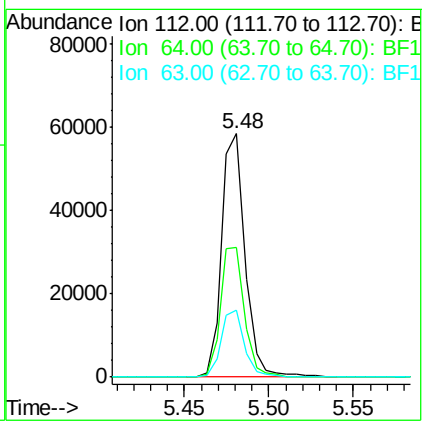


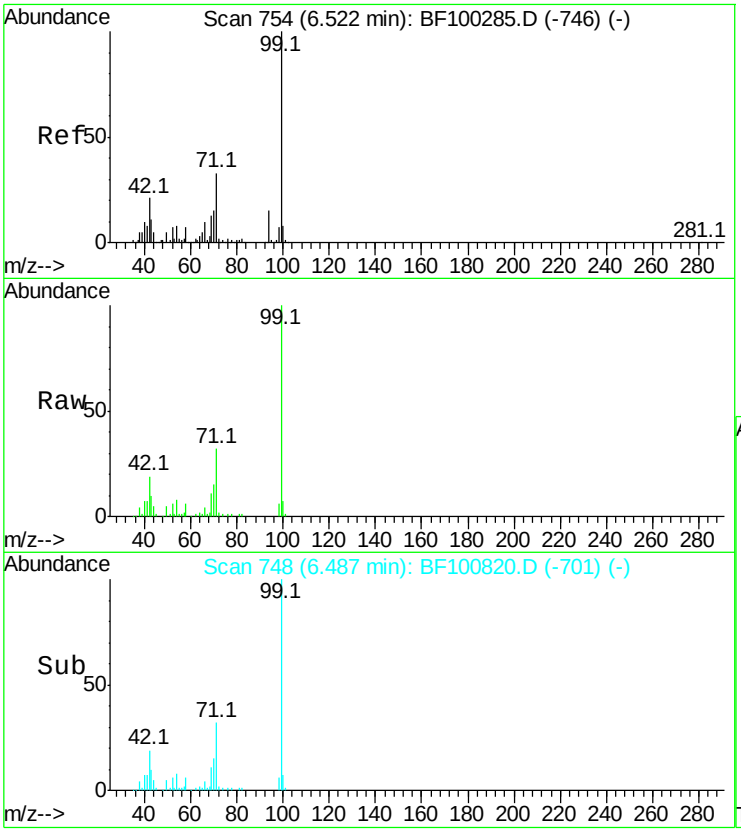


#5
2-Fluorophenol
Concen: 10.776 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Tgt Ion:112 Resp: 56238

Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.9	71.9
63	27.6	23.7	35.5



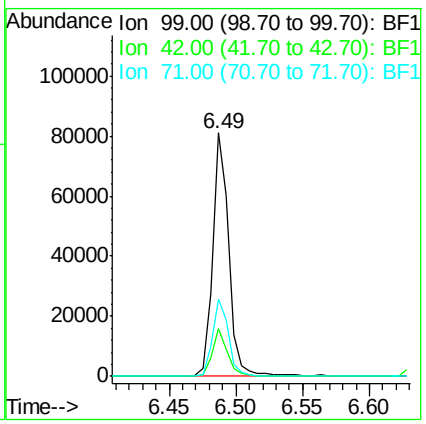


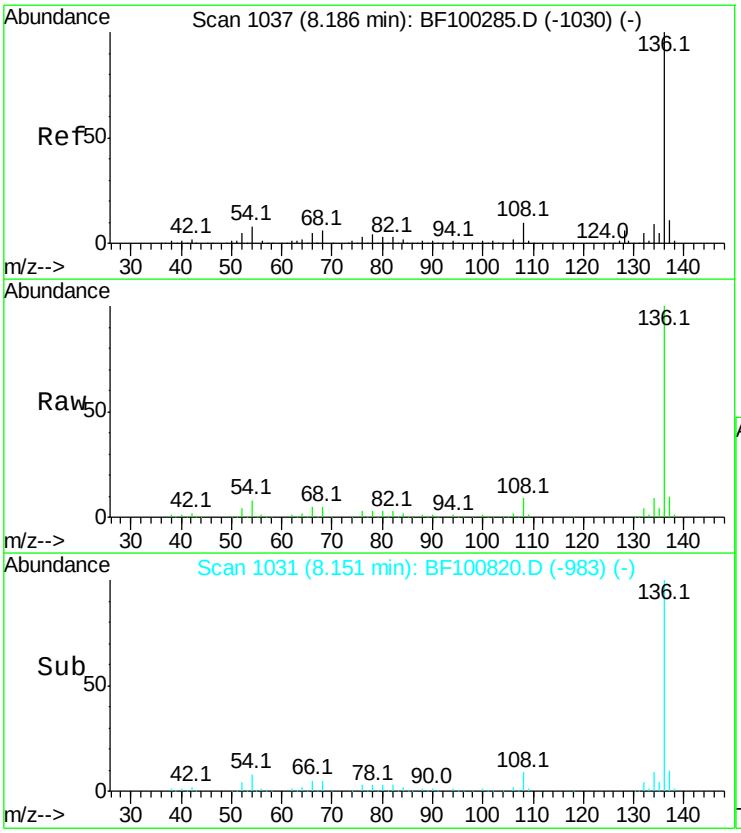
#7
Phenol-d6
Concen: 10.705 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-A

Tgt Ion: 99 Resp: 68889

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	31.6	25.4	38.0

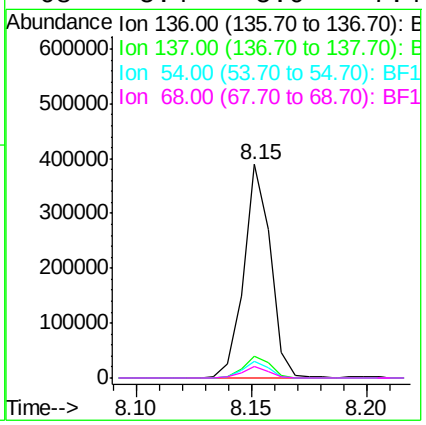


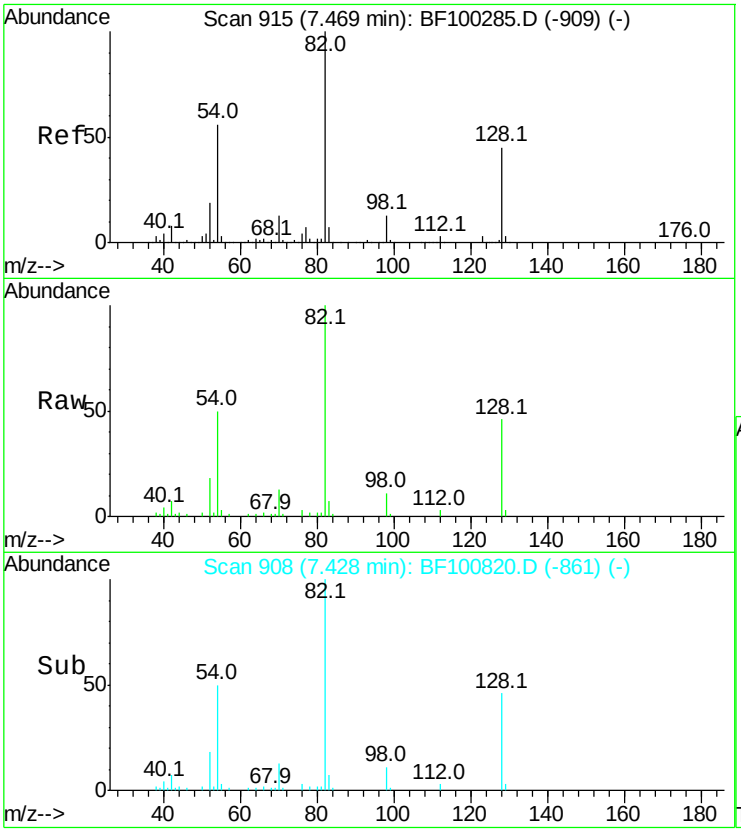


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Tgt Ion:136 Resp: 315516

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.0	6.6	9.8
68	5.4	5.0	7.4



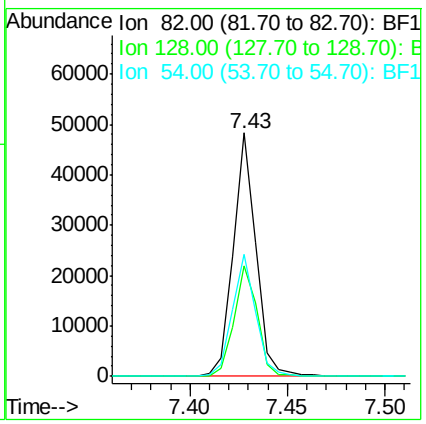


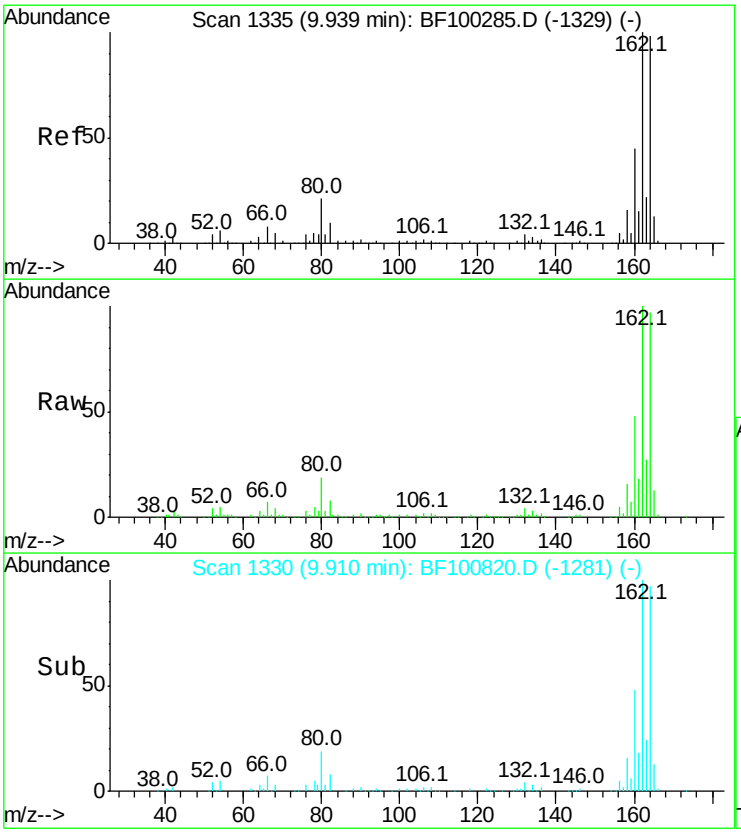
#23
Nitrobenzene-d5
Concen: 8.158 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-A

Tgt Ion: 82 Resp: 38933

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	50.1	41.4	62.2

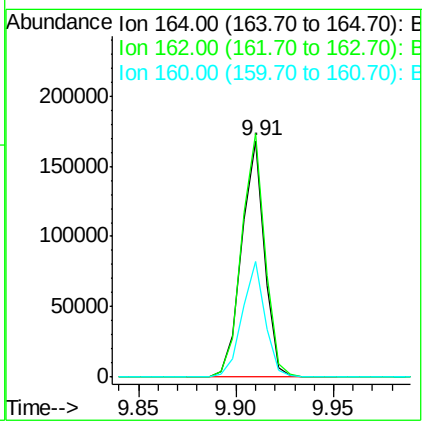


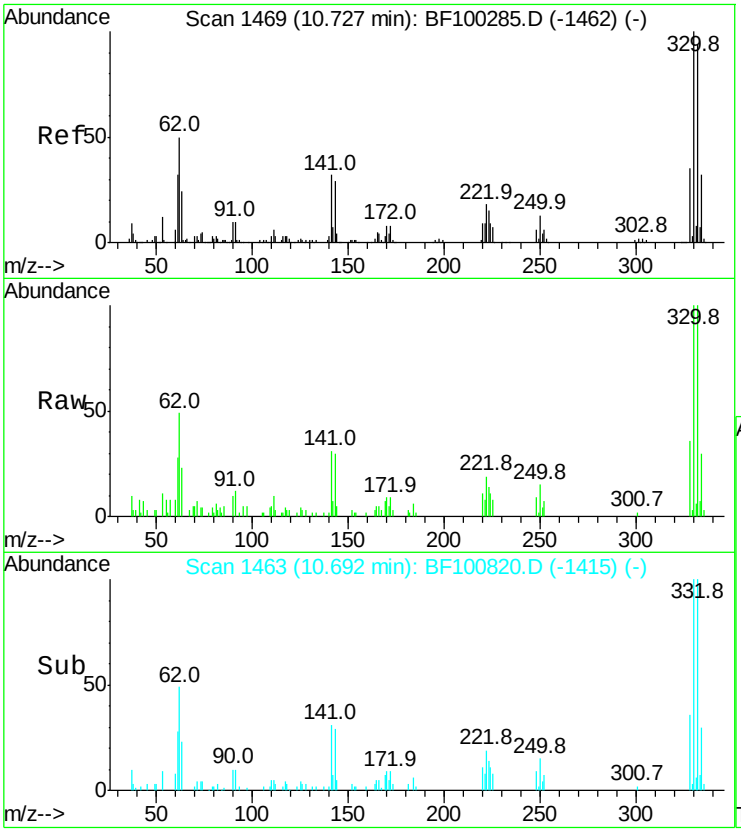


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Tgt Ion:164 Resp: 136862

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	48.9	38.3	57.5



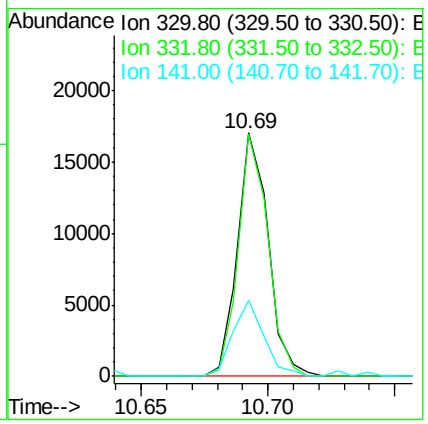


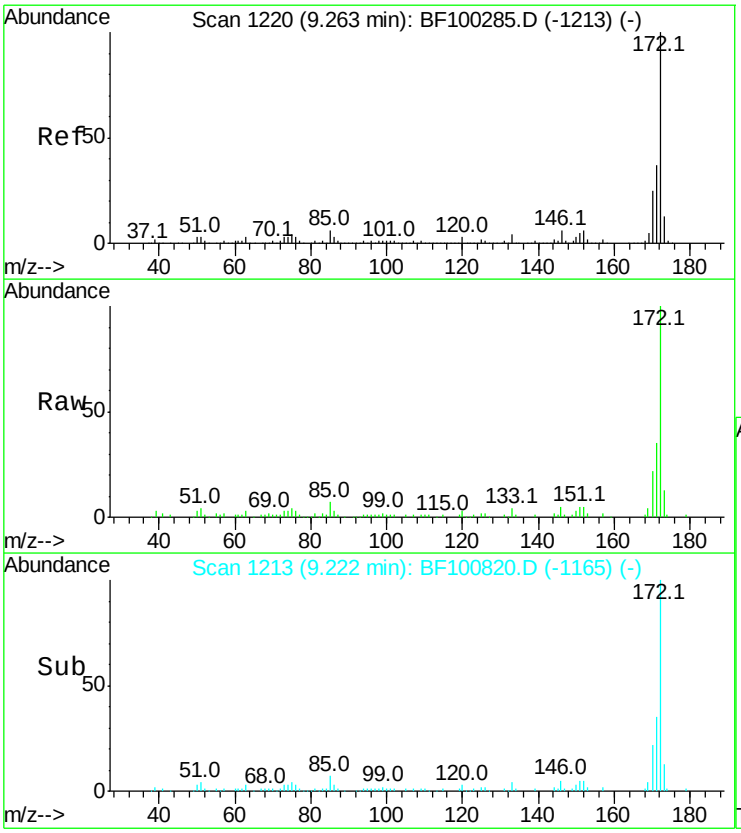
#41
2,4,6-Tribromophenol
Concen: 10.327 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-A

Tgt Ion:330 Resp: 14402

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	31.8	29.9	44.9

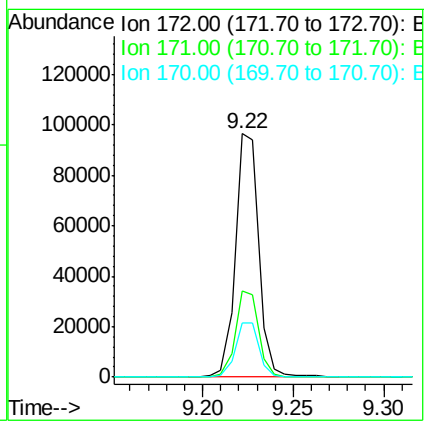


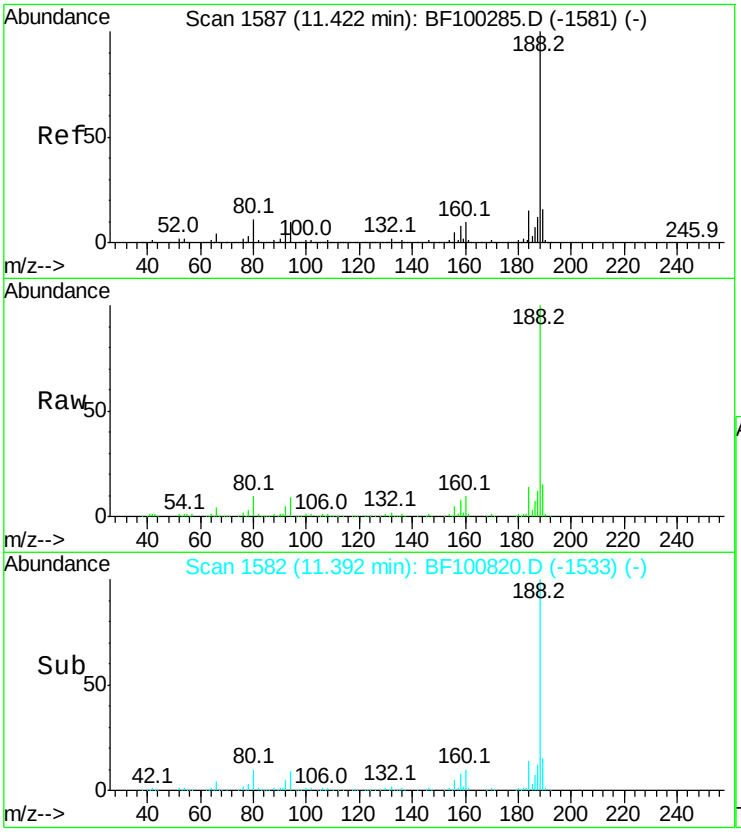


#44
2-Fluorobiphenyl
Concen: 9.648 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Tgt Ion:172 Resp: 86717

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.2	19.6	29.4



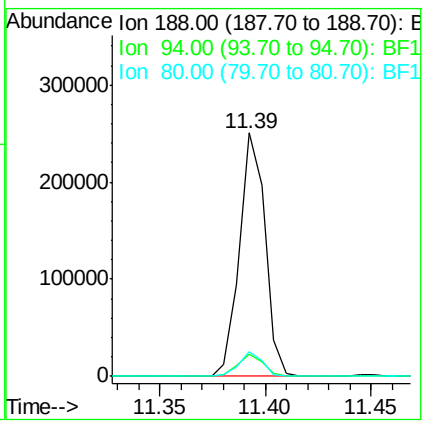


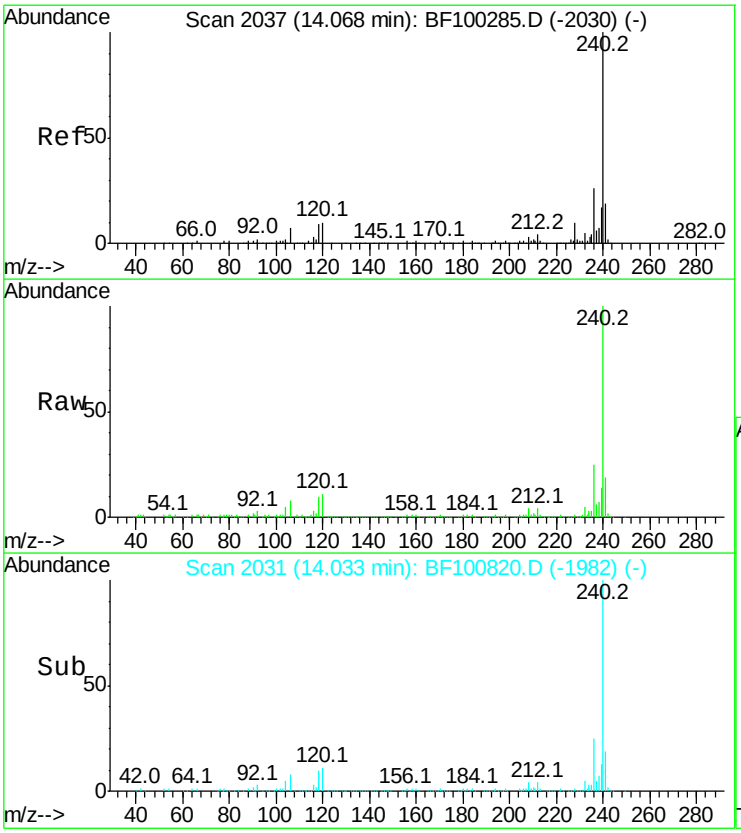
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-A

Tgt Ion:188 Resp: 210674

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	10.0	9.2	13.8

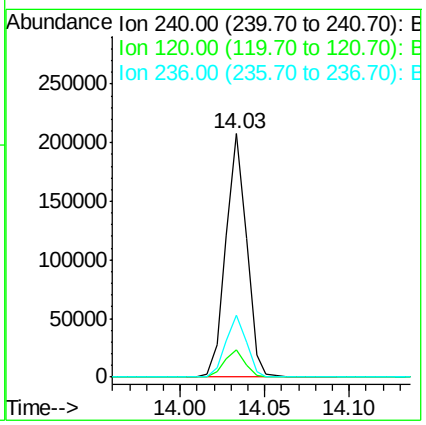


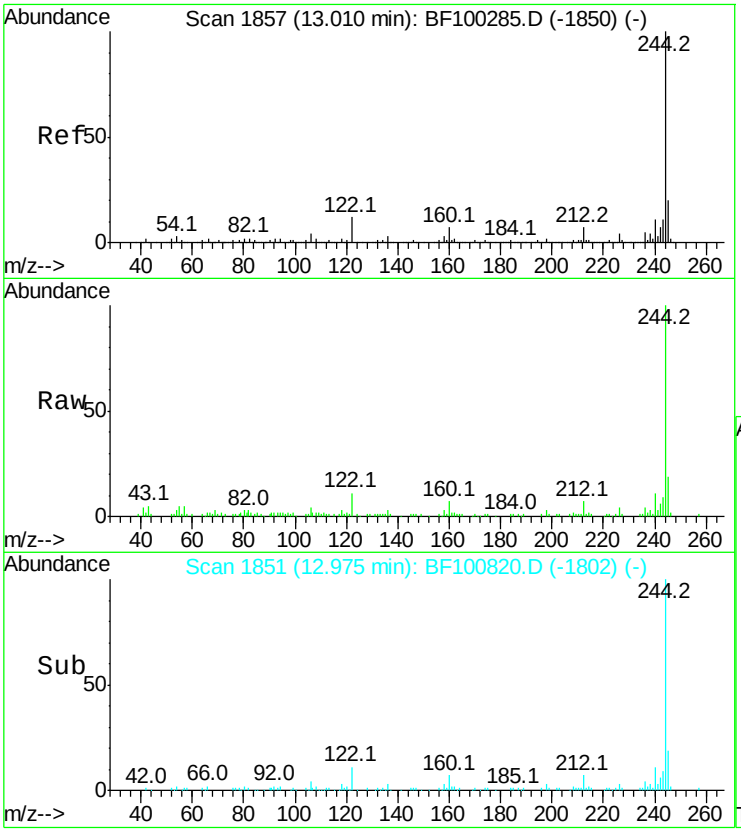


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Tgt Ion:240 Resp: 177042

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.2	20.7	31.1



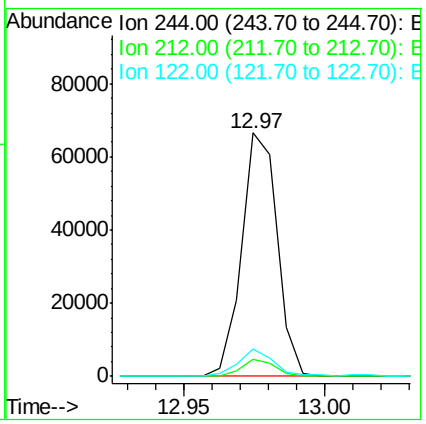


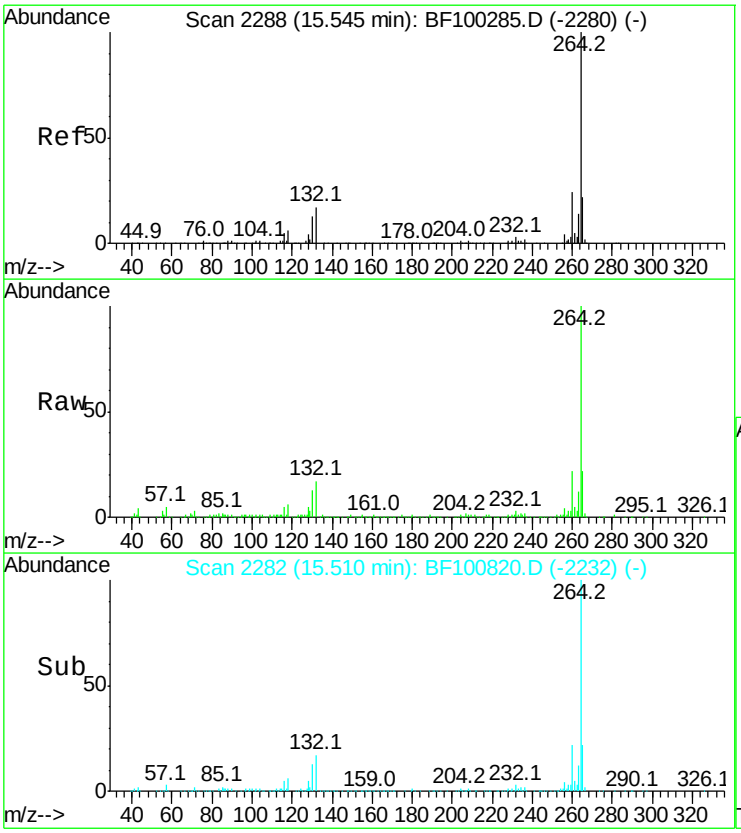
#78
Terphenyl-d14
Concen: 7.529 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-A

Tgt Ion:244 Resp: 58009

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100820.D
Acq: 22 Nov 2017 12:24

Tgt Ion:264 Resp: 188748

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.8	17.5	26.3