Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
Data File : BF102872.D
Acq On : 8 Feb 2018 23:24
Operator : SJ/JU
Sample : J1487-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-2

Quant Time: Feb 09 01:09:33 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	174741	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	687907	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	255353	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	356726	20.00	ng	0.00
75) Chrysene-d12	14.05	240	330269	20.00	ng	0.00
86) Perylene-d12	15.54	264	257805	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	790971	68.74	ng	0.01
7) Phenol-d6	6.51	99	1218800	87.97	ng	0.00
23) Nitrobenzene-d5	7.45	82	863613	87.09	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	111457	54.23	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1310893	85.19	ng	0.00
78) Terphenyl-d14	13.00	244	887401	63.62	ng	0.00
Target Compounds						Qvalue

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

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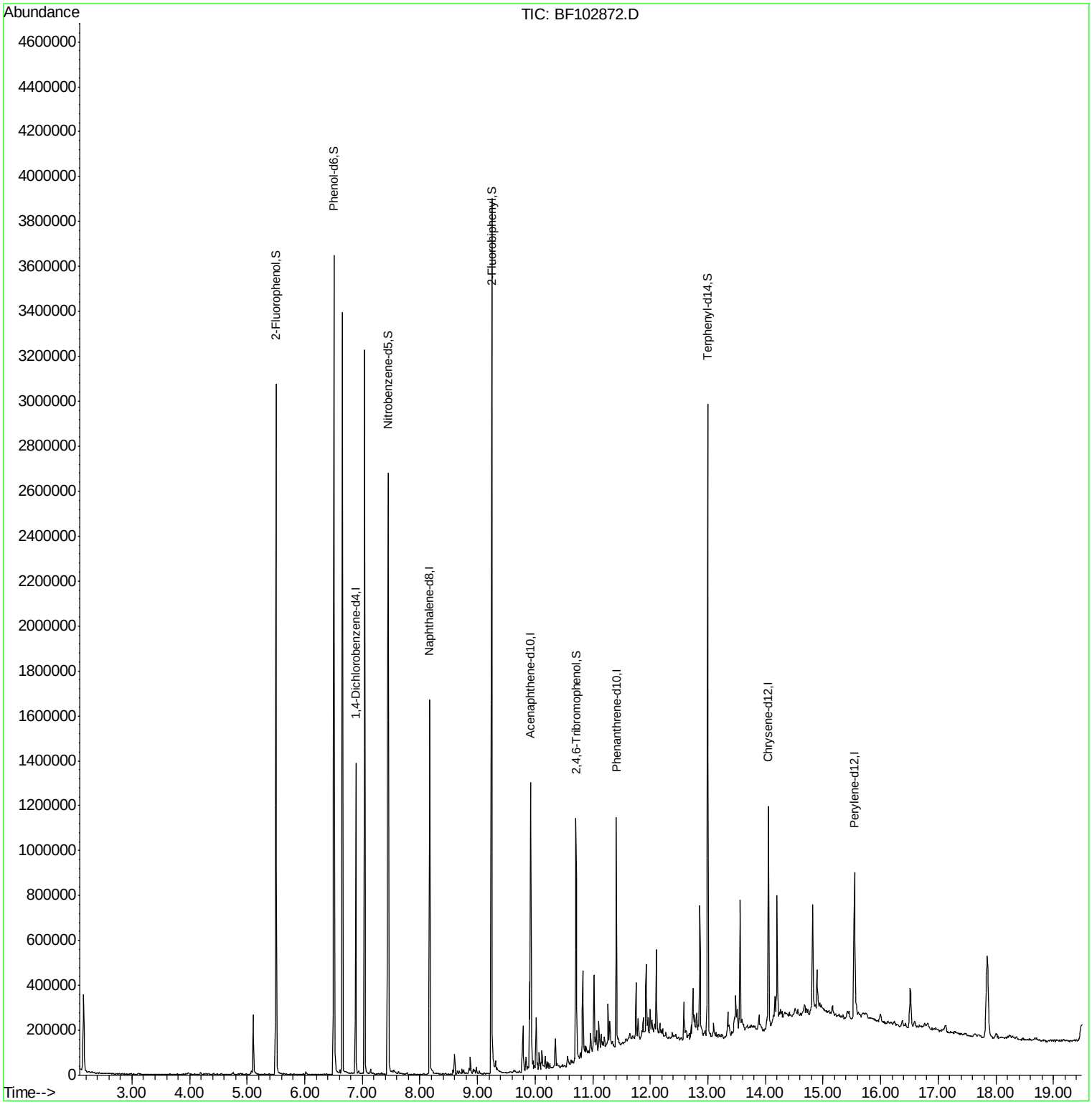
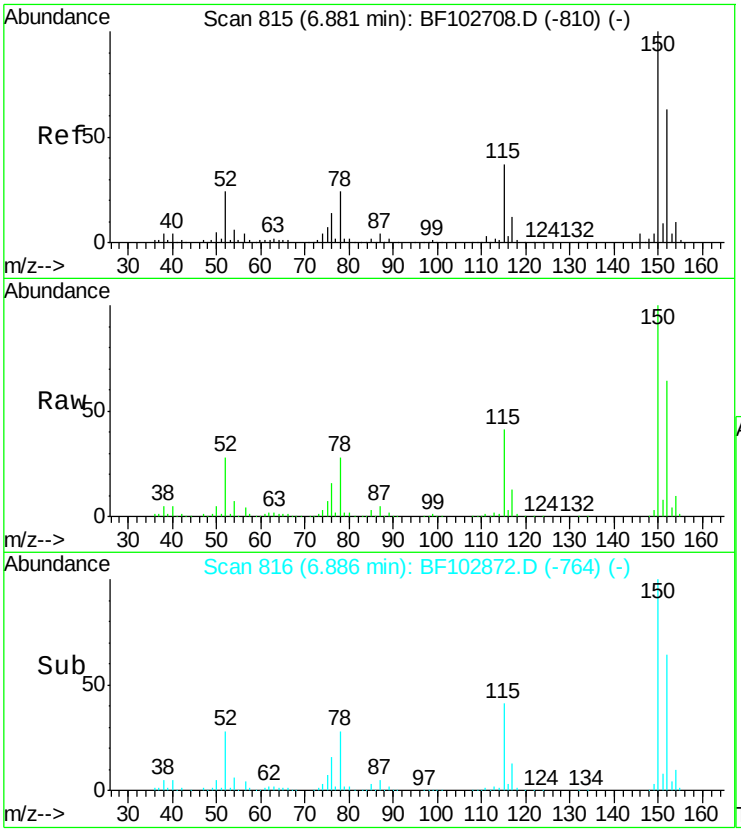


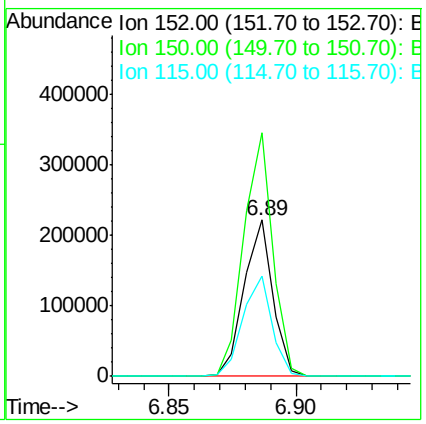


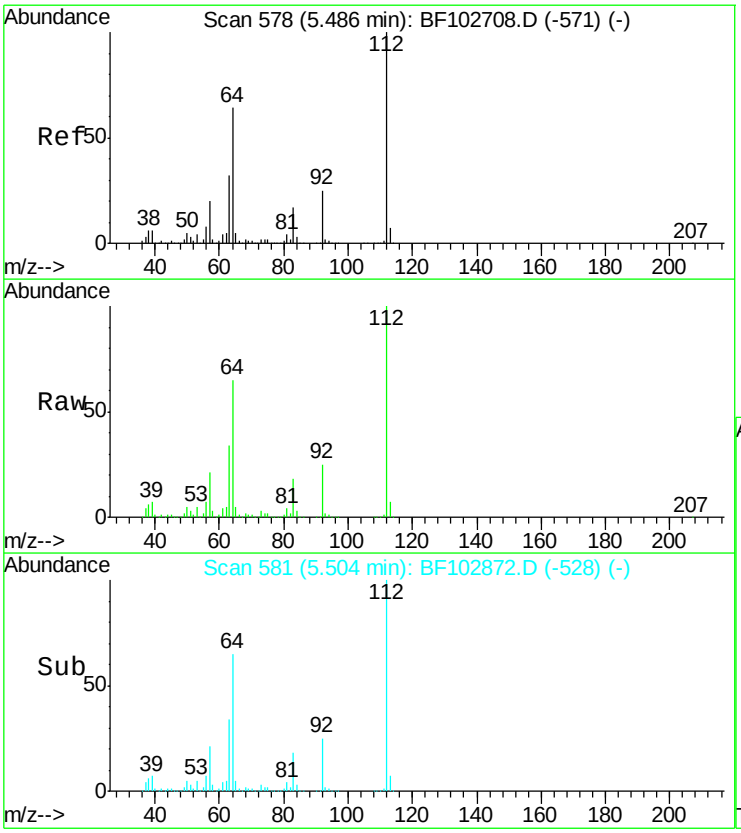
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion:152 Resp: 174741

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	64.5	50.1	75.1

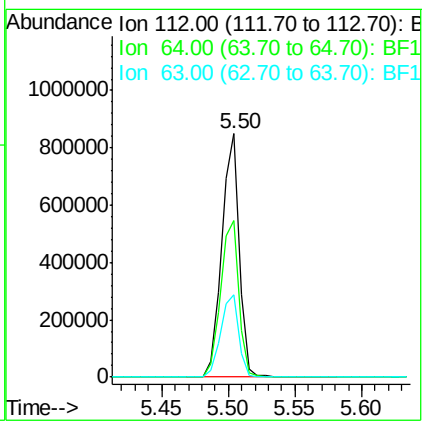


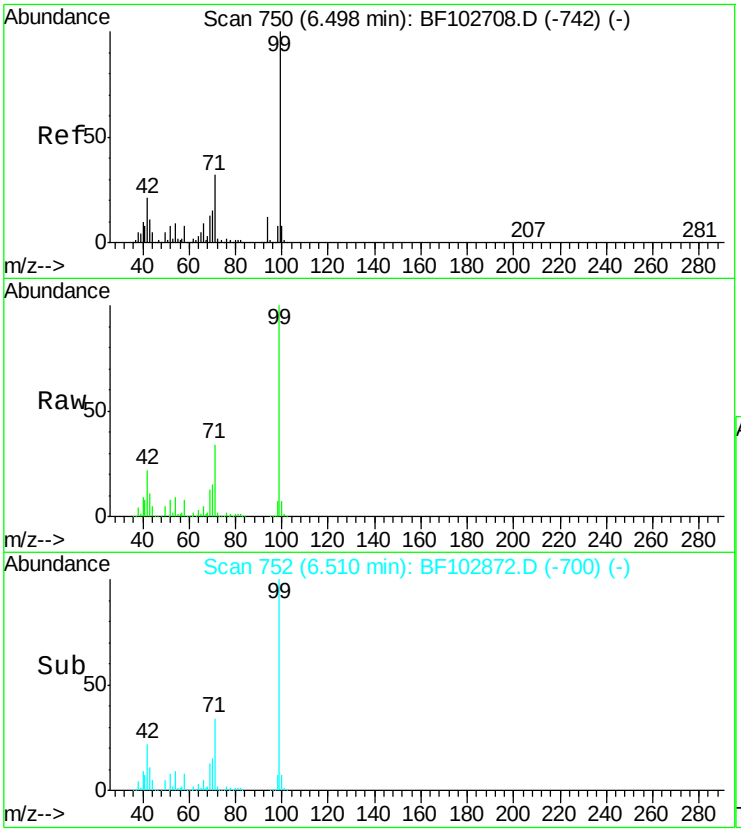


#5
2-Fluorophenol
Concen: 68.743 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Tgt Ion:112 Resp: 790971

Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	33.6	23.7	35.5



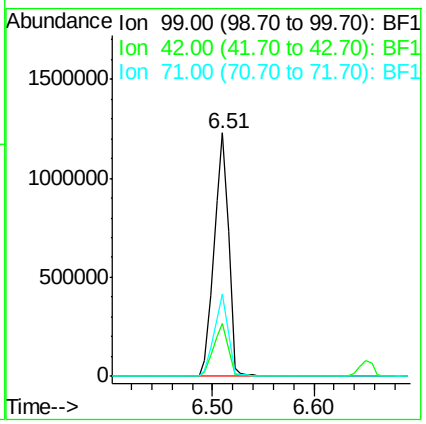


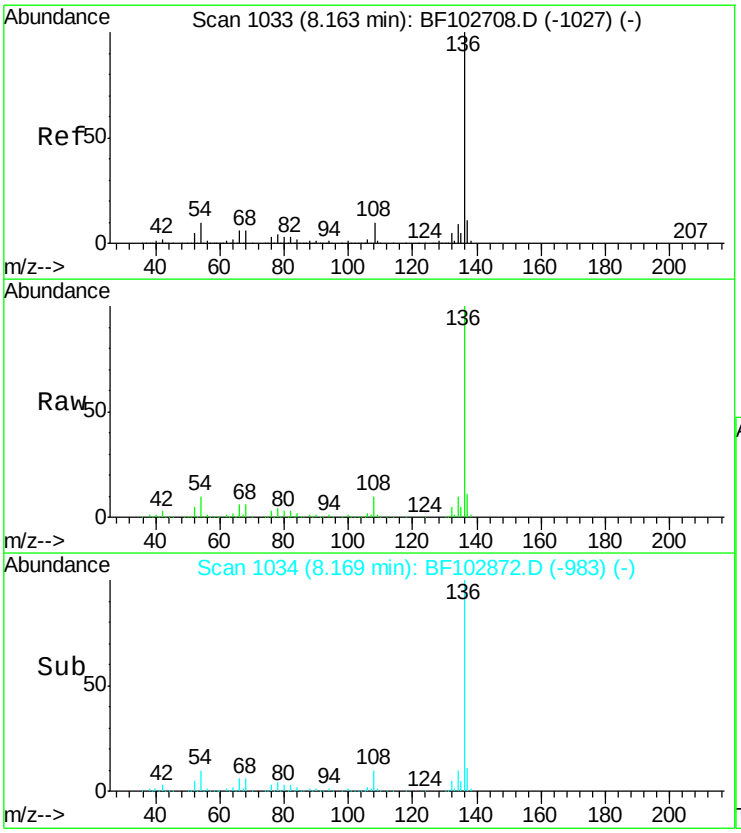
#7
Phenol-d6
Concen: 87.973 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion: 99 Resp: 1218800

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.5	21.7
71	33.8	25.4	38.0

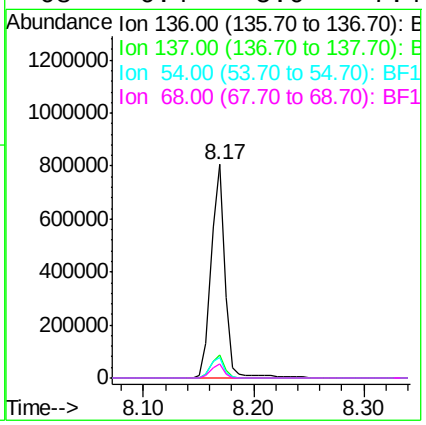


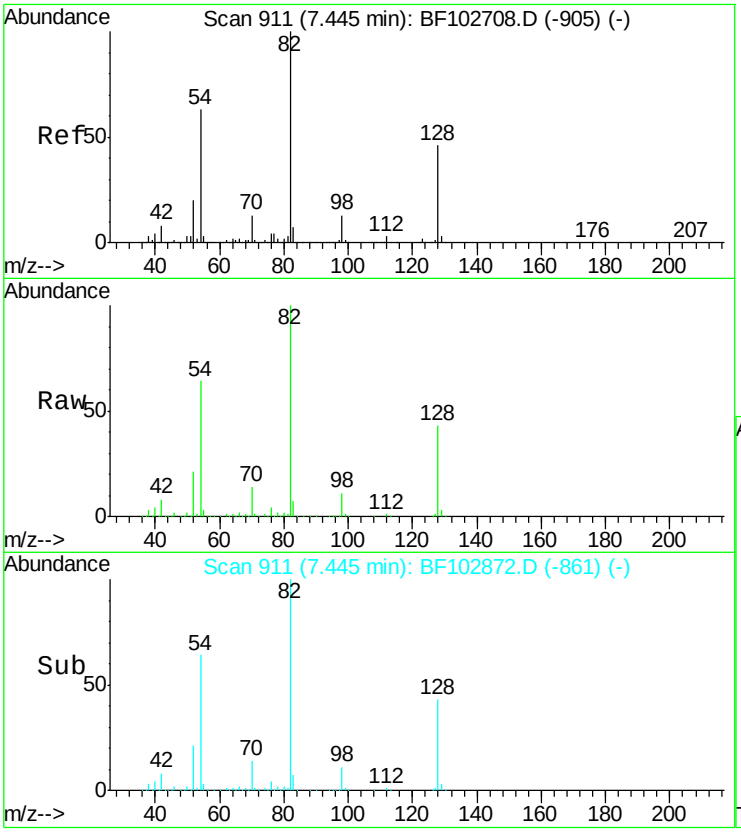


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Tgt Ion:136 Resp: 687907

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.6	6.6	9.8
68	6.4	5.0	7.4



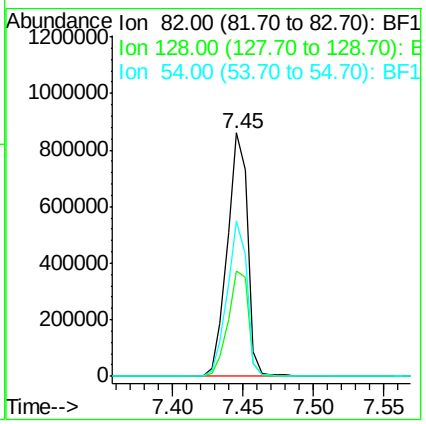


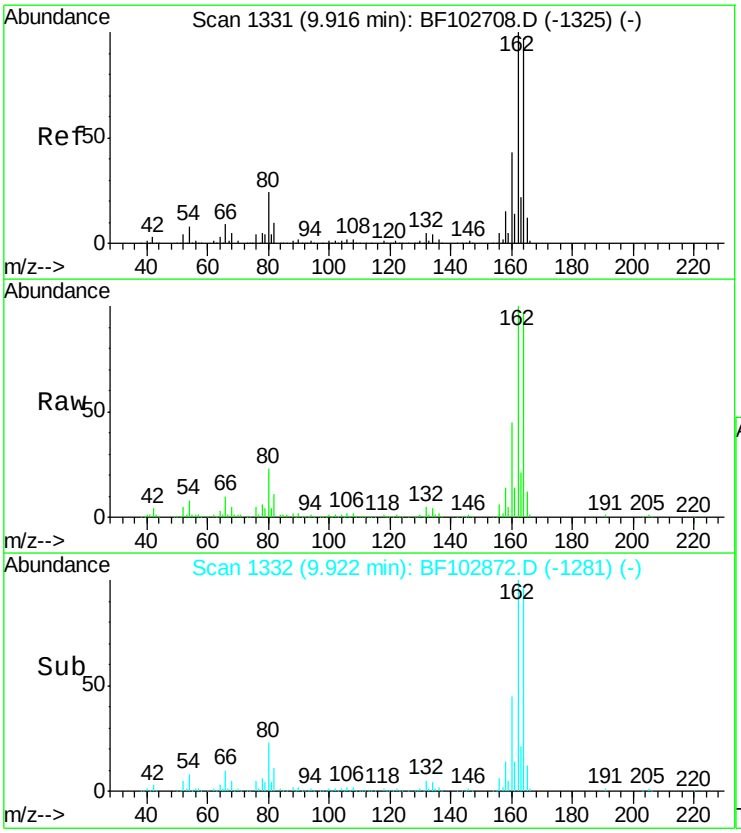
#23
Nitrobenzene-d5
Concen: 87.089 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion: 82 Resp: 863613

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	63.8	41.4	62.2#

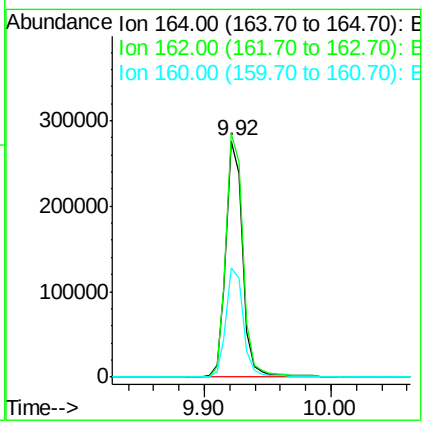


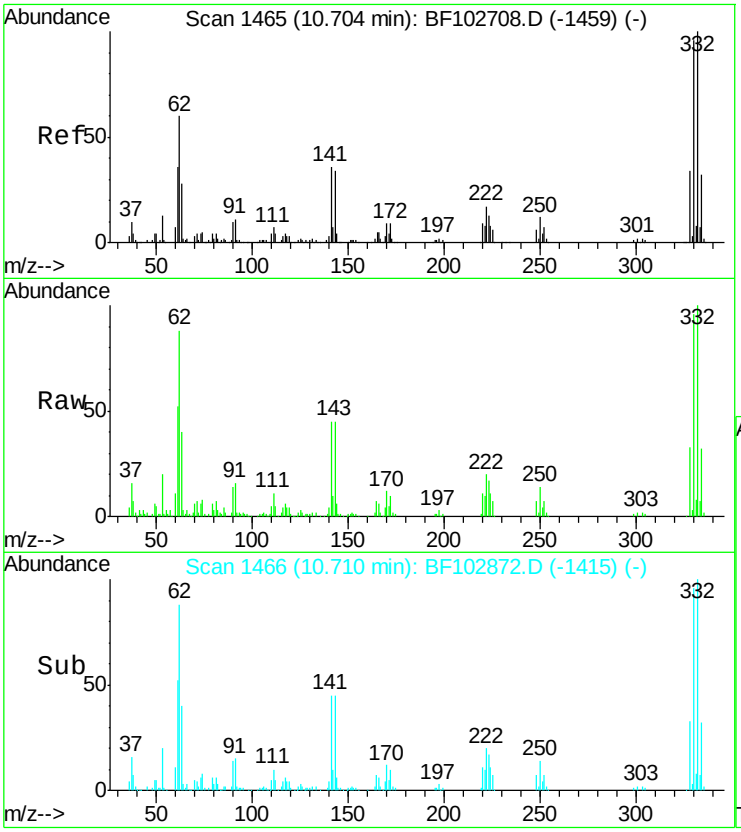


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Tgt Ion:164 Resp: 255353

Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.0	38.3	57.5



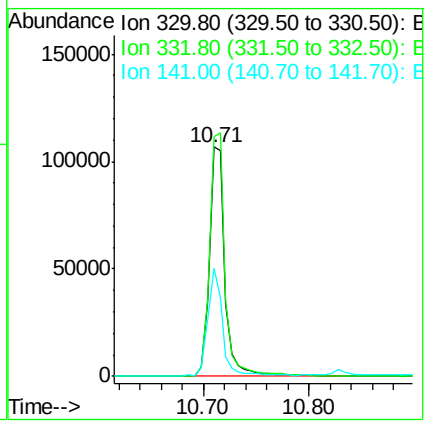


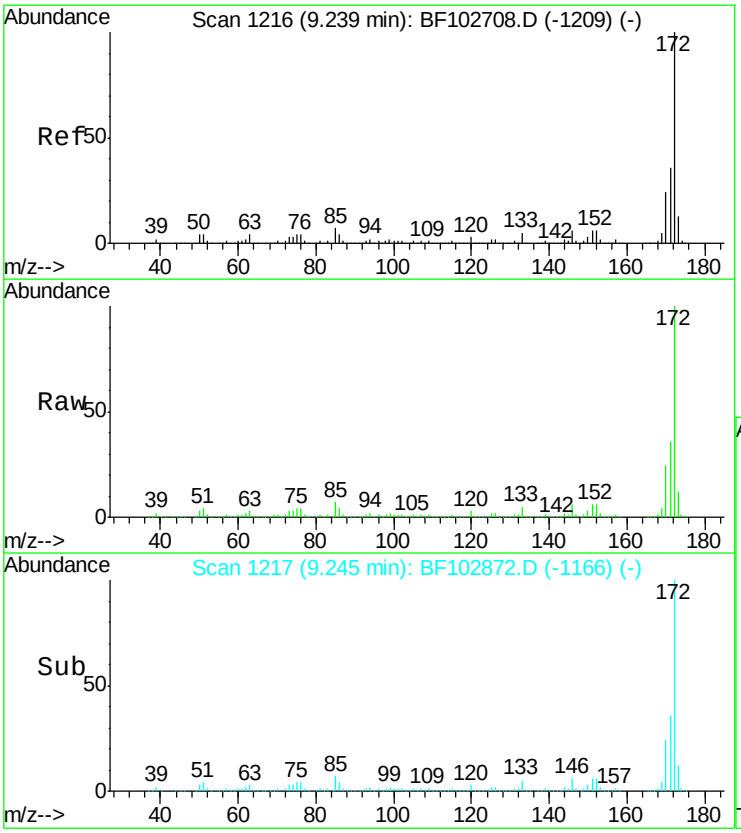
#41
2,4,6-Tribromophenol
Concen: 54.229 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion:330 Resp: 111457

Ion	Ratio	Lower	Upper
330	100		
332	105.3	77.0	115.6
141	44.2	29.9	44.9

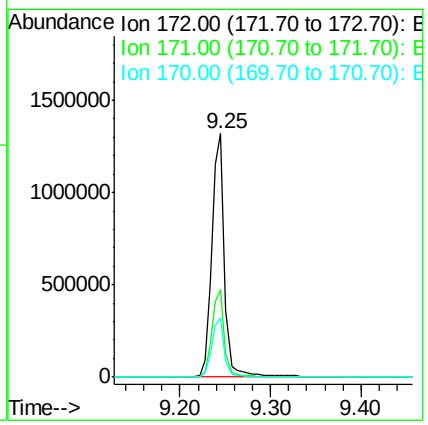


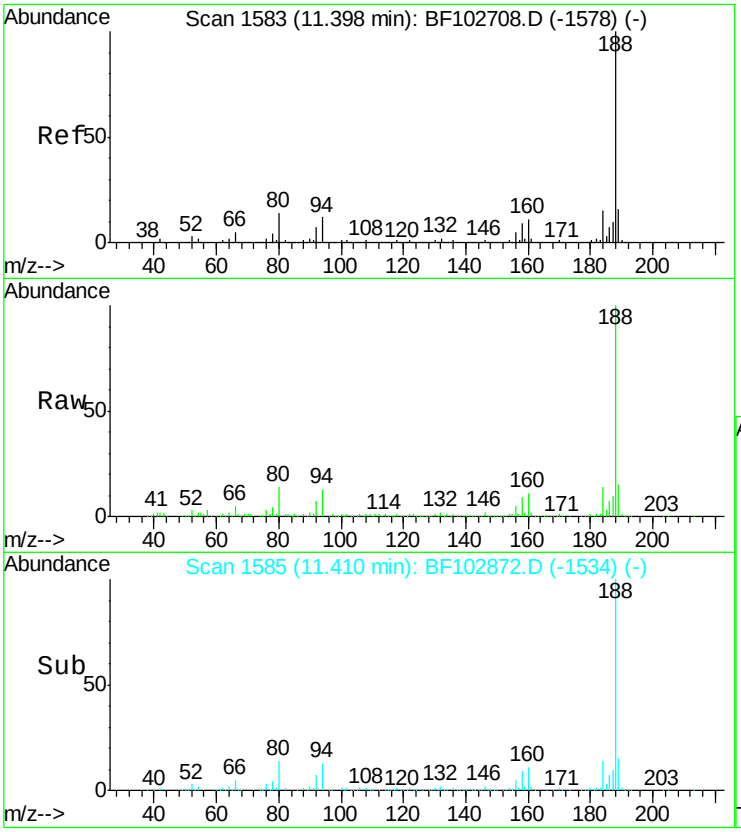


#44
2-Fluorobiphenyl
Concen: 85.185 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Tgt Ion:172 Resp: 1310893

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4



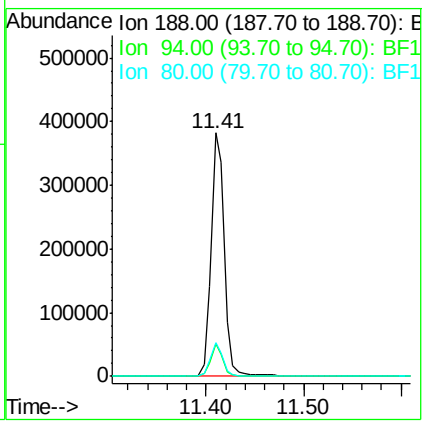


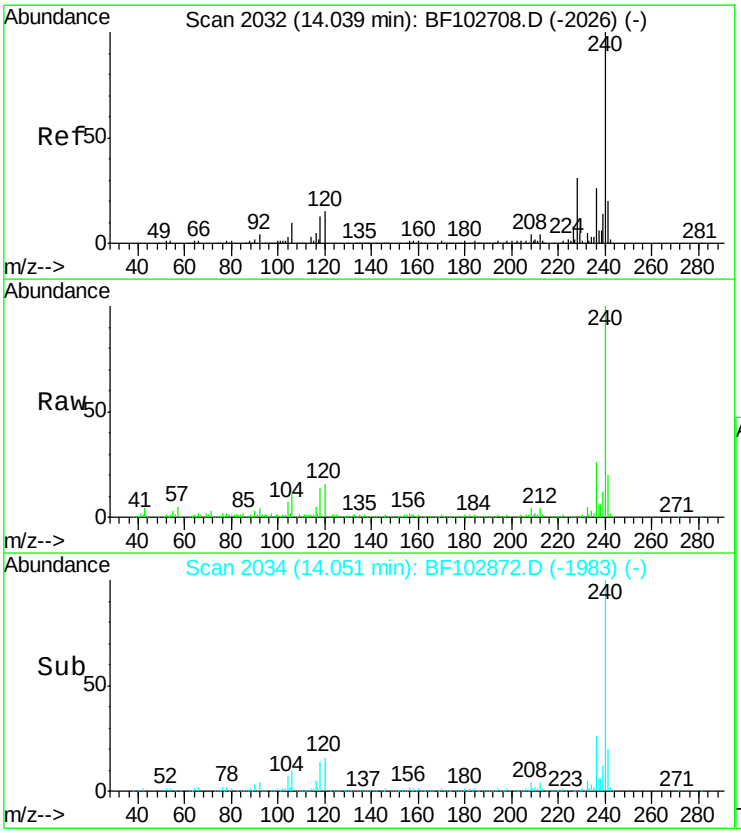
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion:188 Resp: 356726

Ion	Ratio	Lower	Upper
188	100		
94	13.2	8.5	12.7#
80	14.1	9.2	13.8#

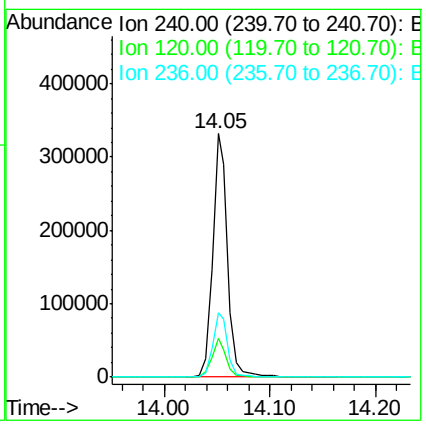


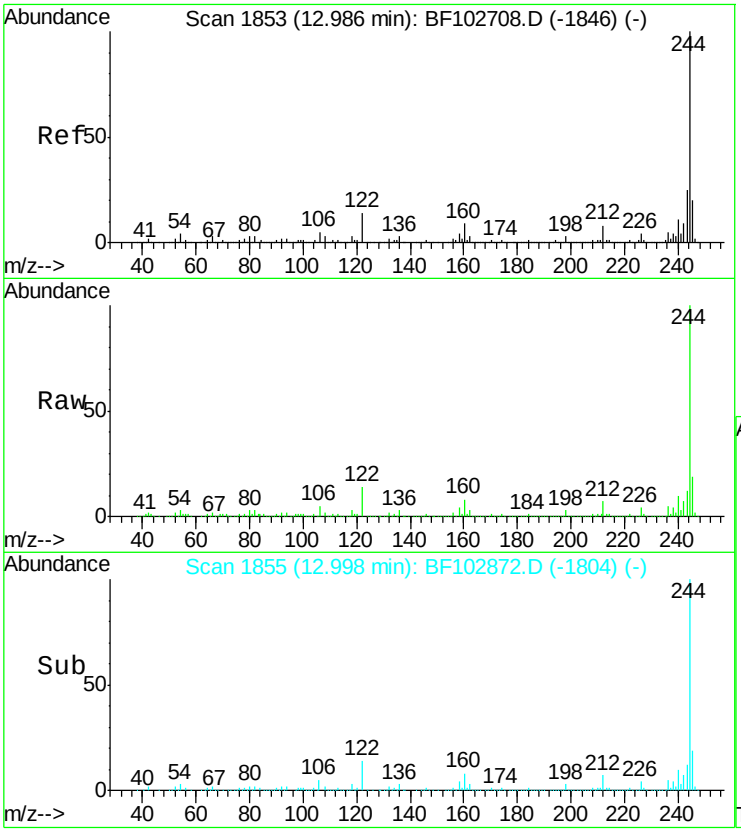


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Tgt Ion:240 Resp: 330269

Ion	Ratio	Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	26.3	20.7	31.1



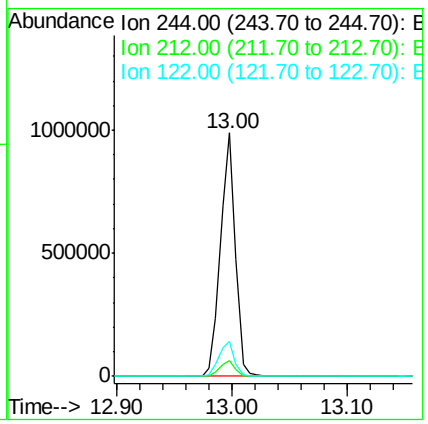


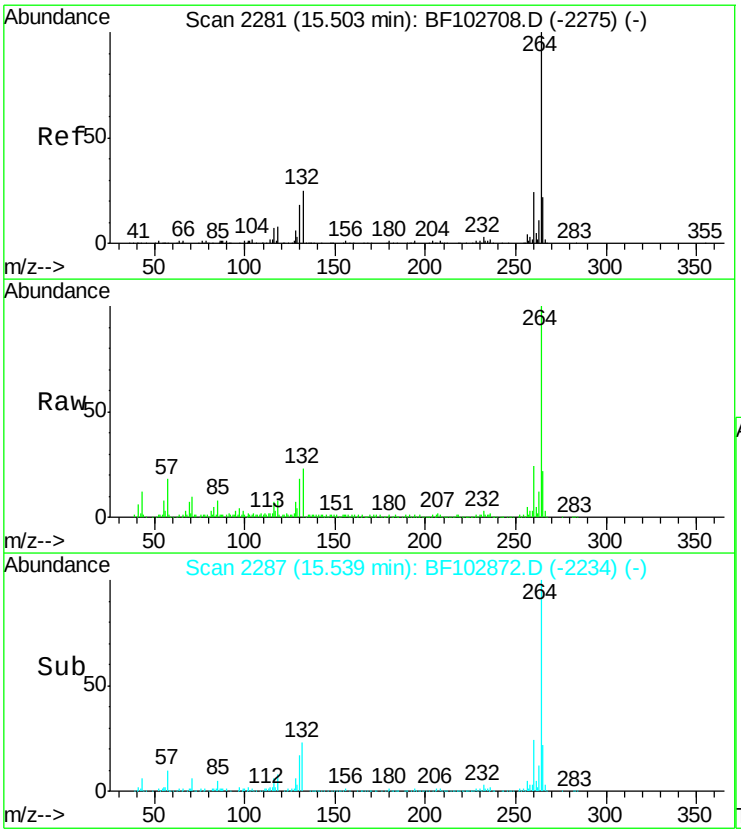
#78
Terphenyl-d14
Concen: 63.620 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

Tgt Ion:244 Resp: 887401

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102872.D
Acq: 8 Feb 2018 23:24

Tgt Ion:264 Resp: 257805

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.7	17.5	26.3