Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102802.D
Acq On : 7 Feb 2018 00:18
Operator : SJ/JU
Sample : J1460-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1

Quant Time: Feb 07 02:13:50 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	6.88	152	186552	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	742001	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	290512	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	397437	20.00	ng	0.00
75) Chrysene-d12	14.04	240	327257	20.00	ng	0.00
86) Perylene-d12	15.52	264	296317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1345723	109.55	ng	0.02
7) Phenol-d6	6.51	99	1407370	95.15	ng	0.00
23) Nitrobenzene-d5	7.45	82	1066745	99.73	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	261185	111.70	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1784775	101.94	ng	0.00
78) Terphenyl-d14	12.99	244	1178892	85.30	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.19	128	170210	4.695	ng	98

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

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Misc :
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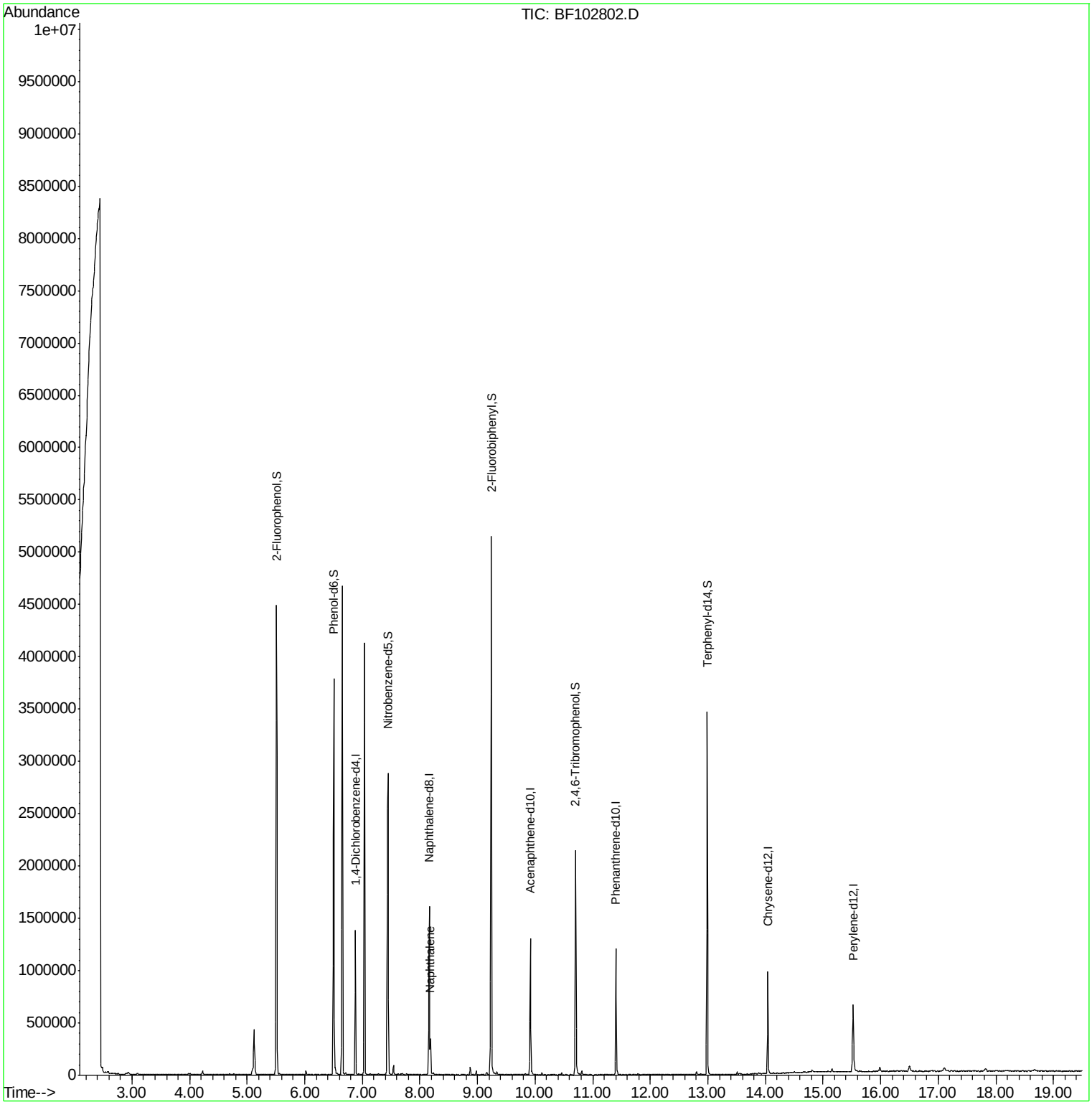
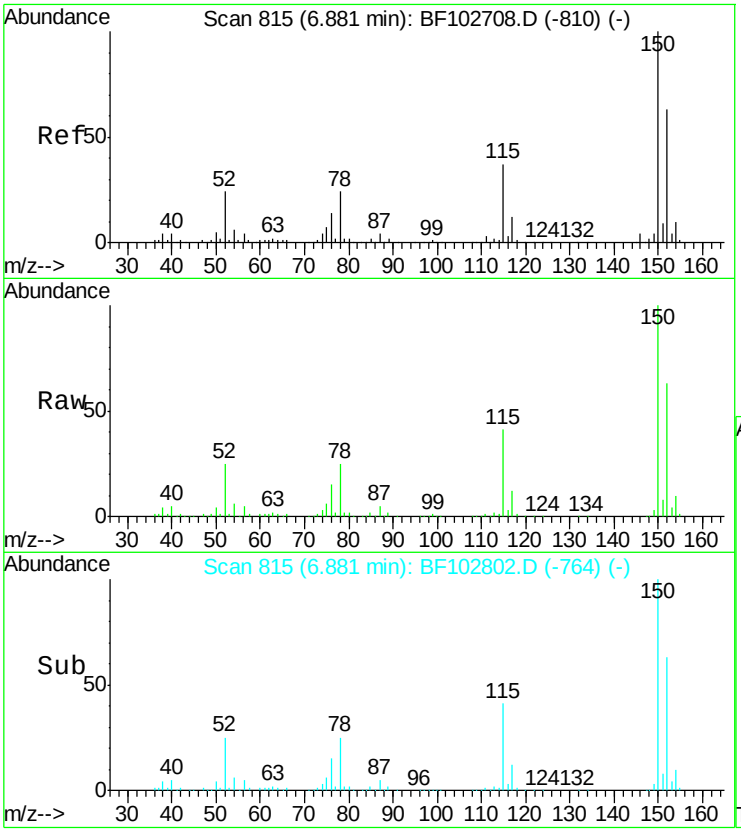


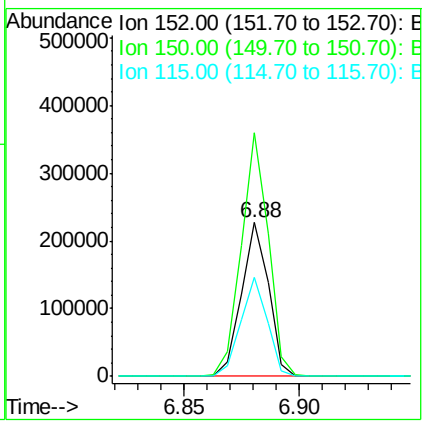


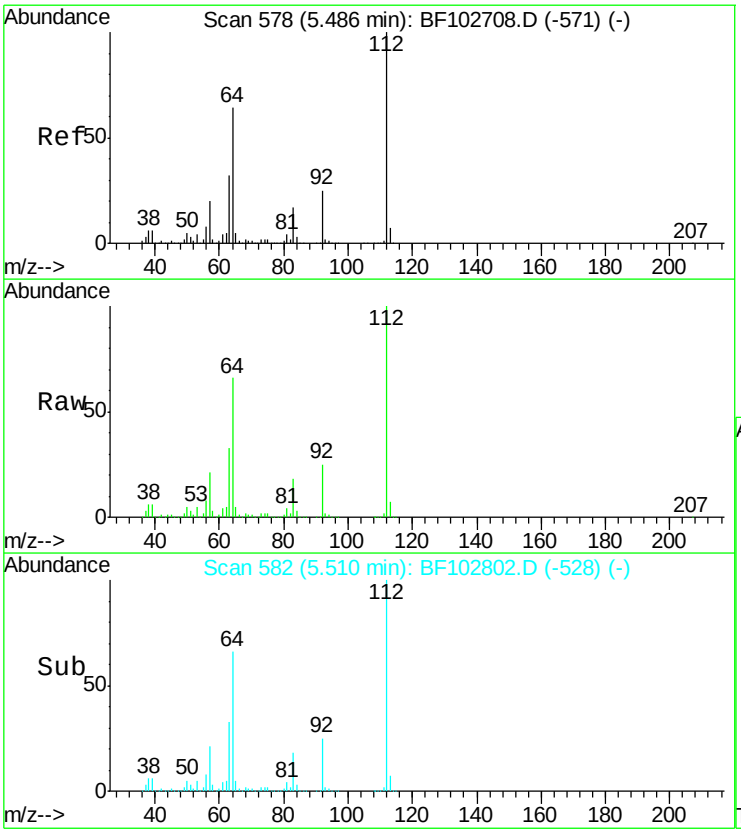
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:152 Resp: 186552

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	64.2	50.1	75.1

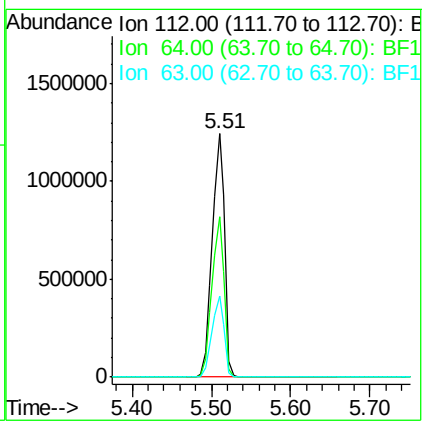


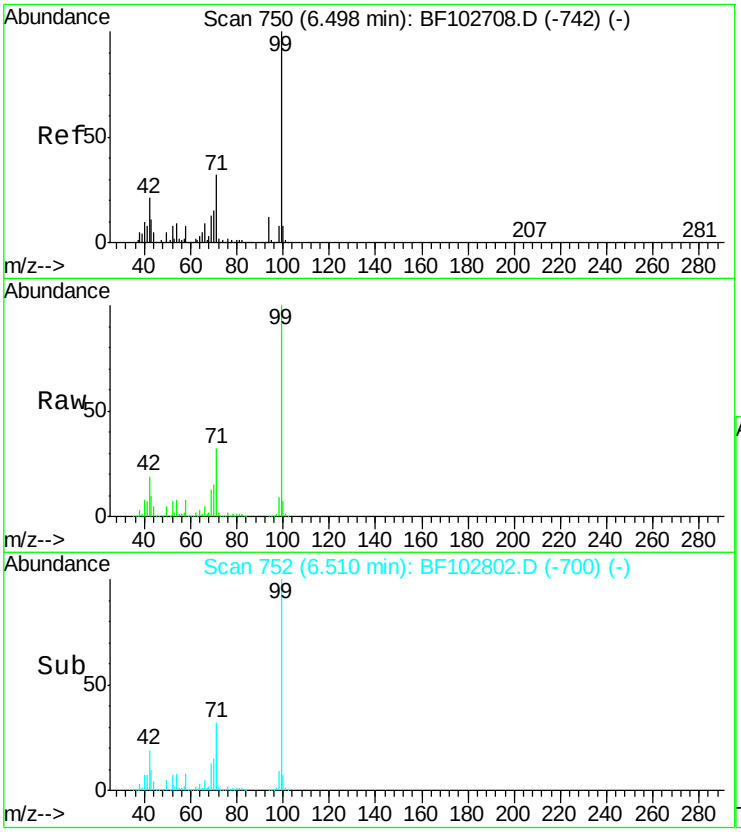


#5
2-Fluorophenol
Concen: 109.551 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:112 Resp: 1345723

Ion	Ratio	Lower	Upper
112	100		
64	65.8	47.9	71.9
63	33.2	23.7	35.5



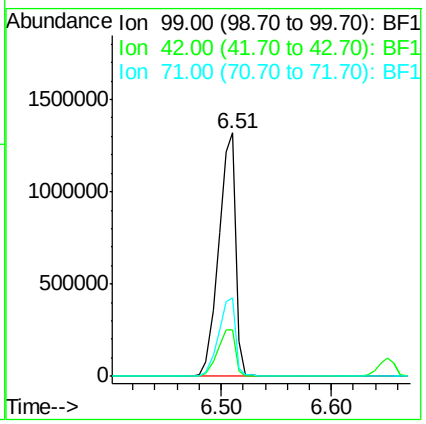


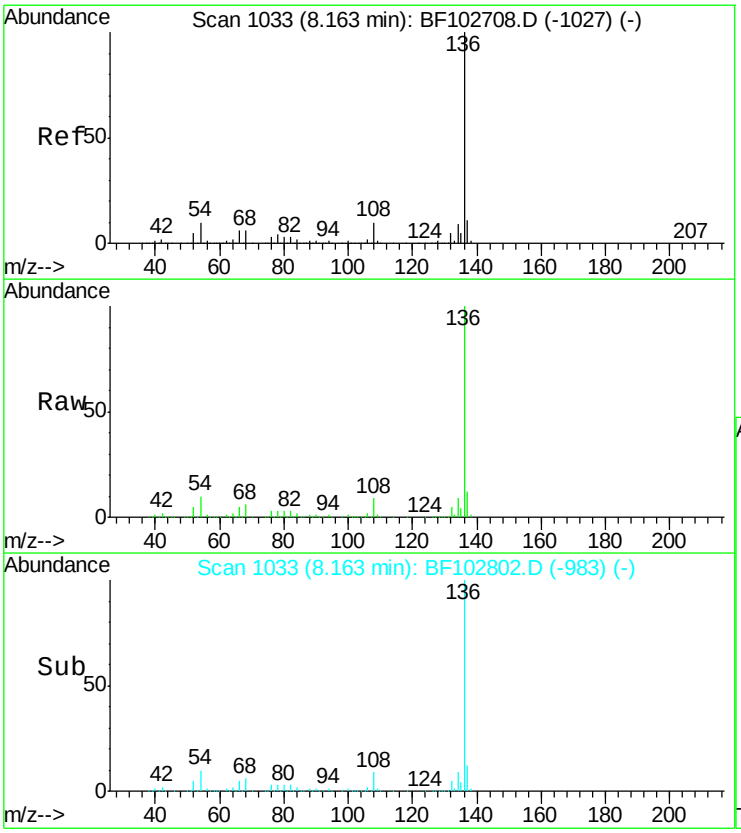
#7
Phenol-d6
Concen: 95.152 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion: 99 Resp: 1407370

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	32.3	25.4	38.0

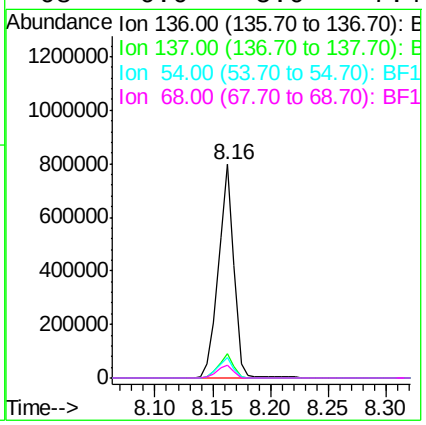


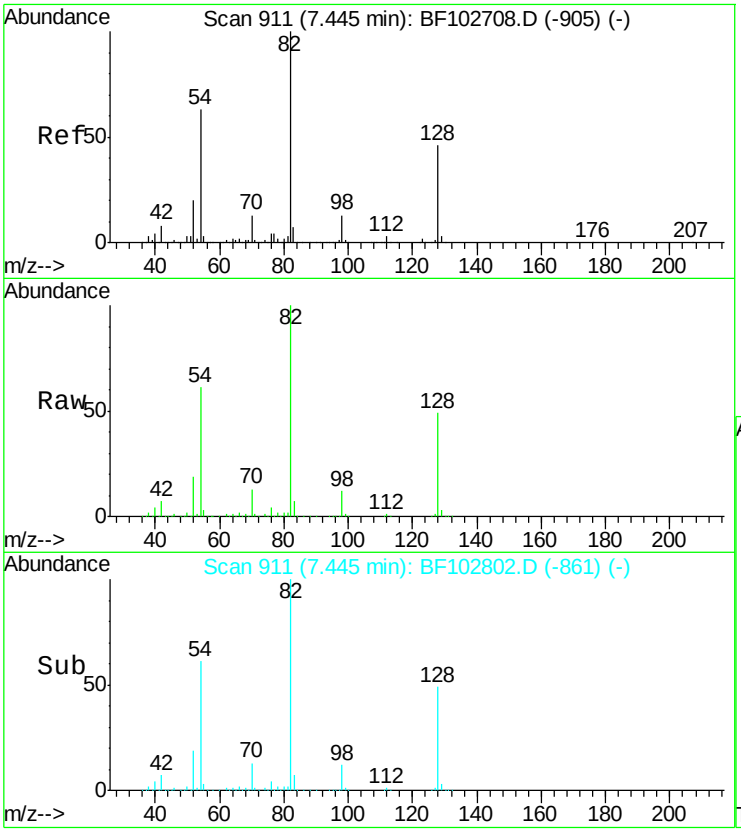


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:136 Resp: 742001

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.6	6.6	9.8
68	6.0	5.0	7.4



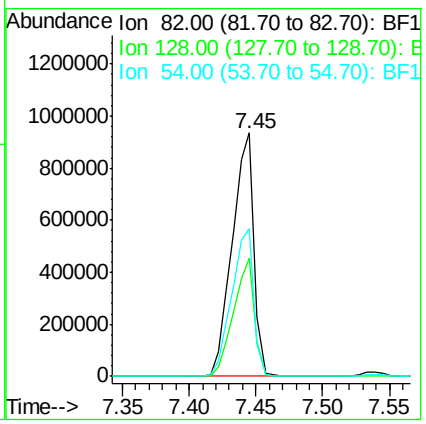


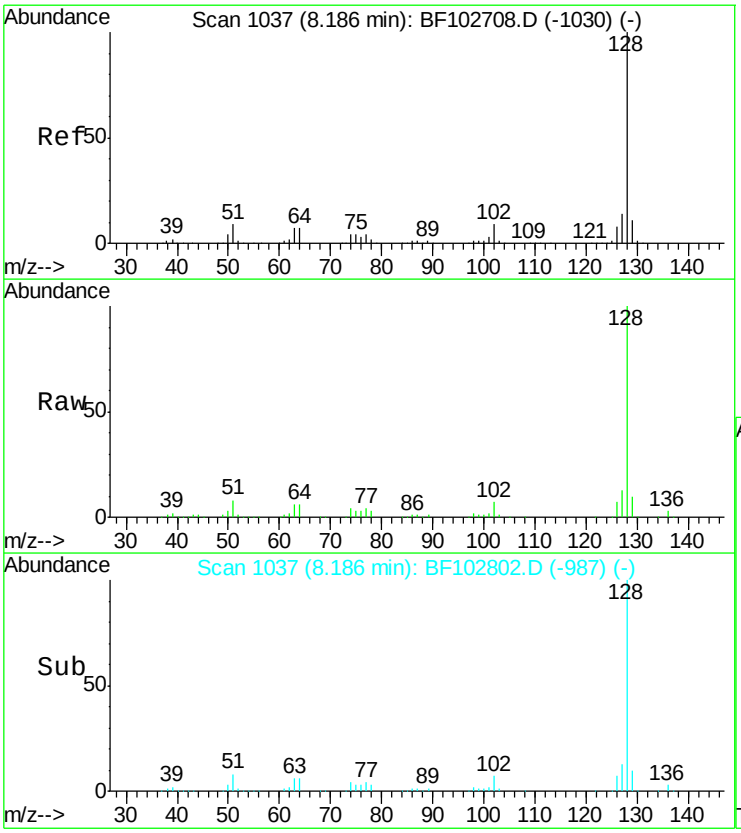
#23
Nitrobenzene-d5
Concen: 99.731 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion: 82 Resp: 1066745

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	60.7	41.4	62.2

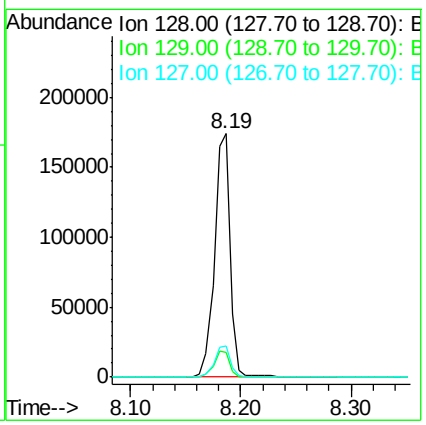


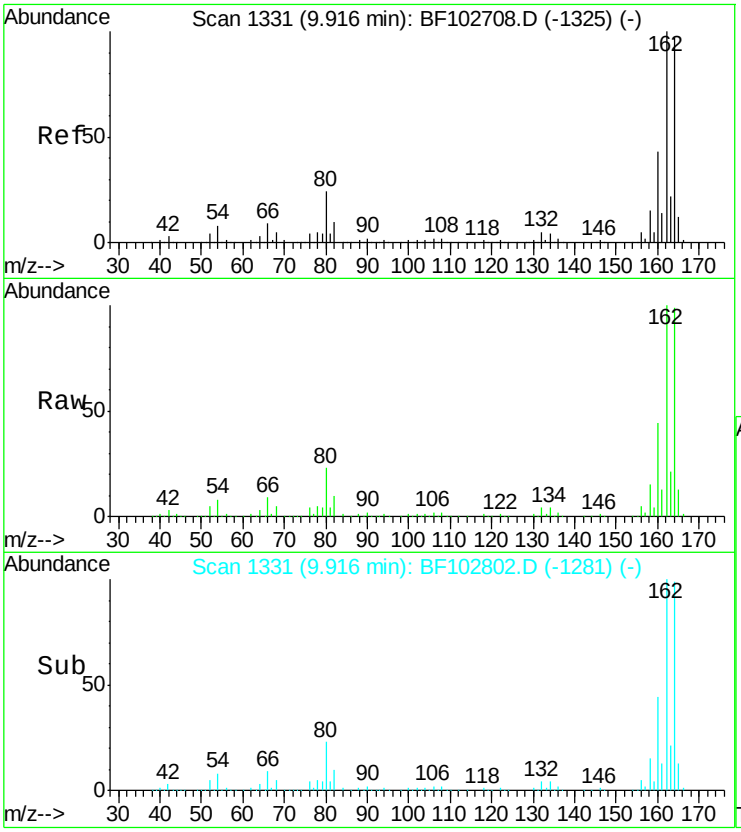


#31
Naphthalene
Concen: 4.695 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:128 Resp: 170210

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.8	13.2
127	12.6	10.9	16.3



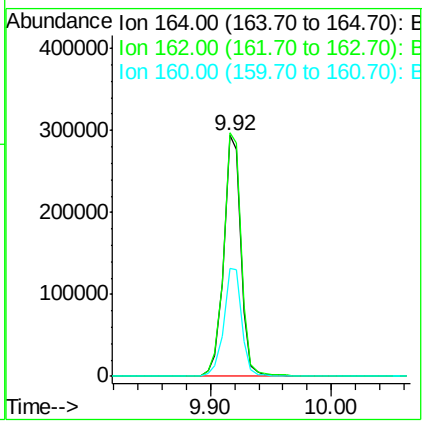


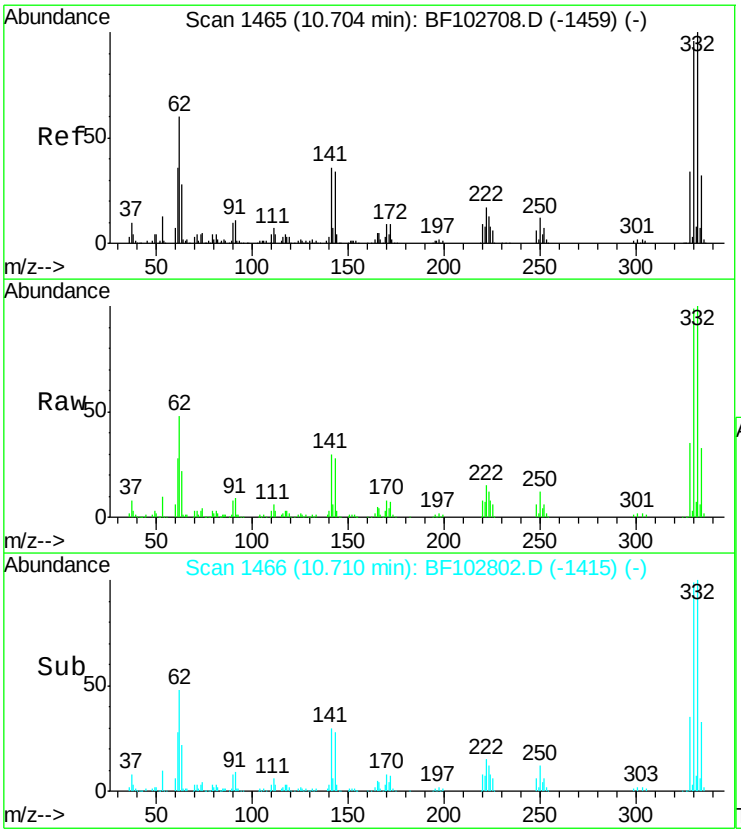
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:164 Resp: 290512

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	44.7	38.3	57.5

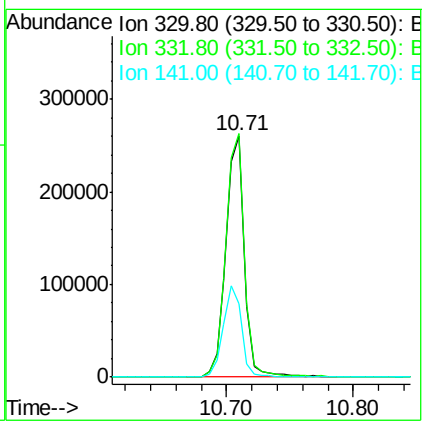


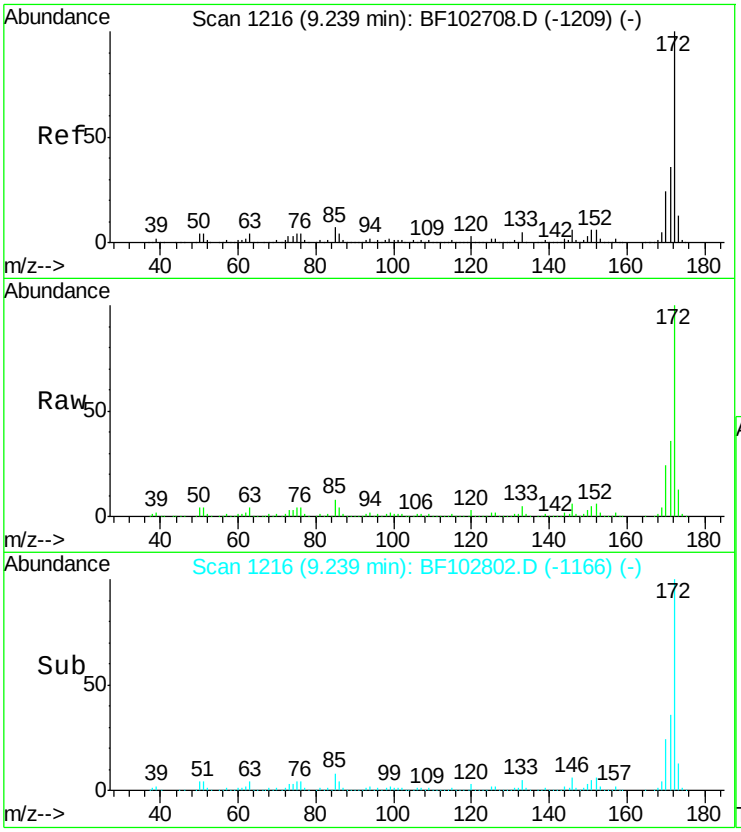


#41
2,4,6-Tribromophenol
Concen: 111.700 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:330 Resp: 261185

Ion	Ratio	Lower	Upper
330	100		
332	102.3	77.0	115.6
141	38.3	29.9	44.9



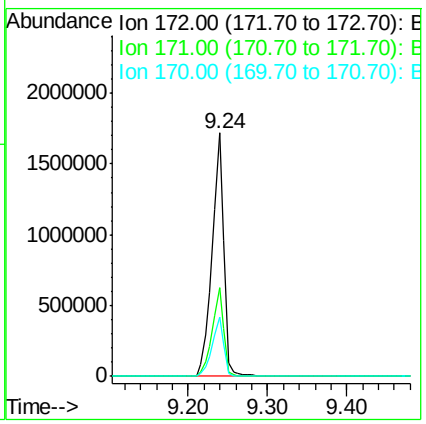


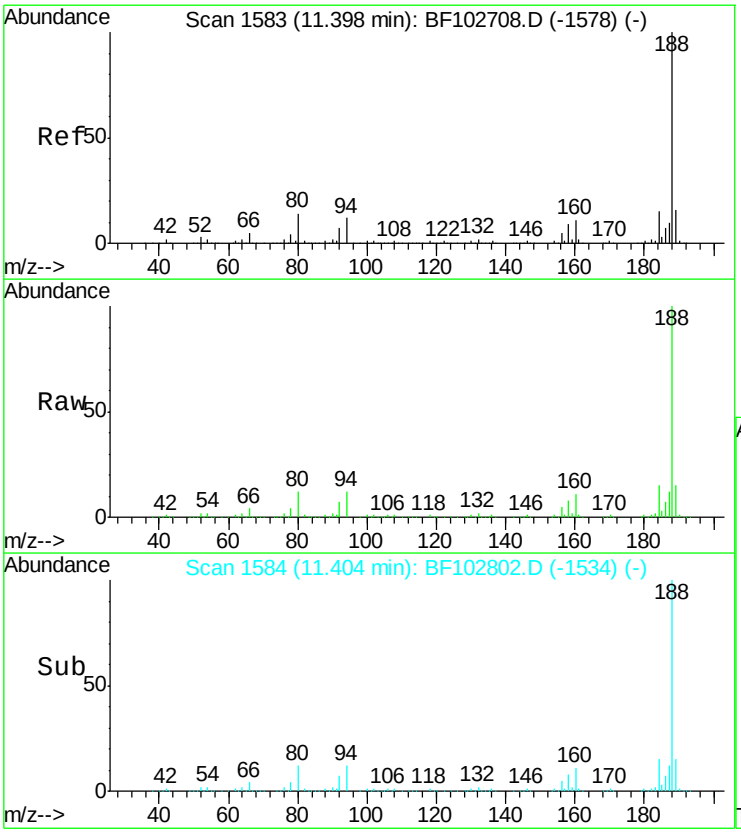
#44
2-Fluorobiphenyl
Concen: 101.943 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:172 Resp: 1784775

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4

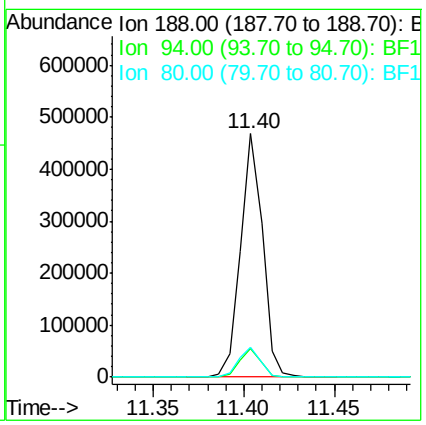


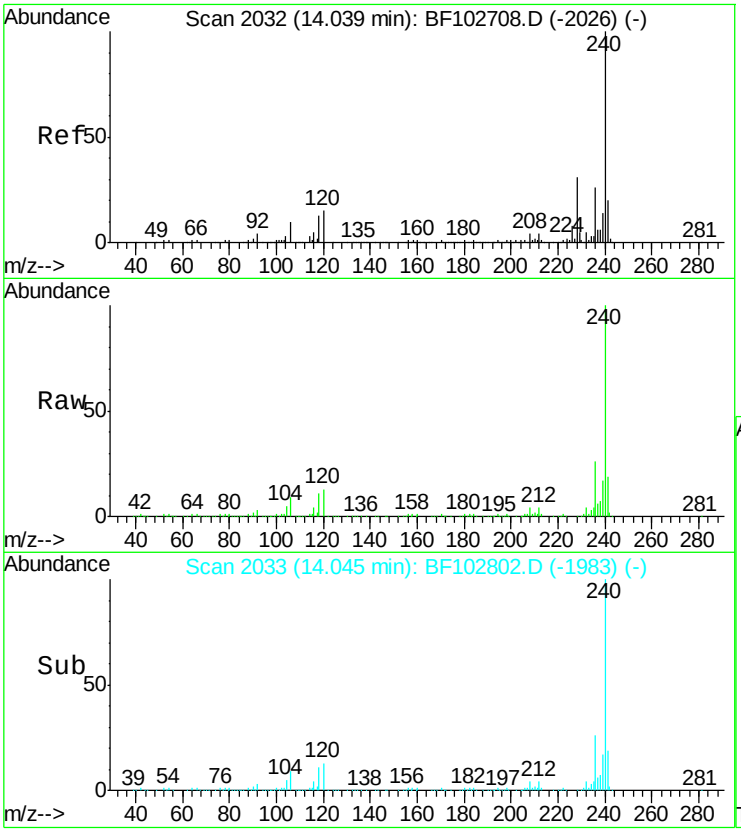


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:188 Resp: 397437

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.3	9.2	13.8



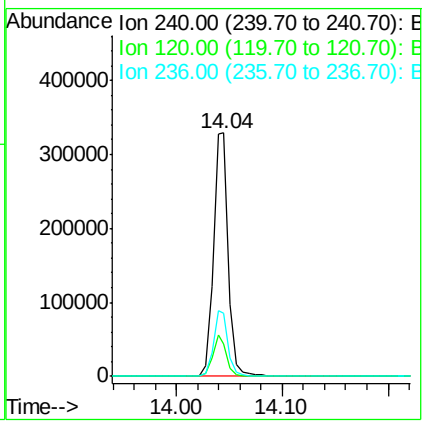


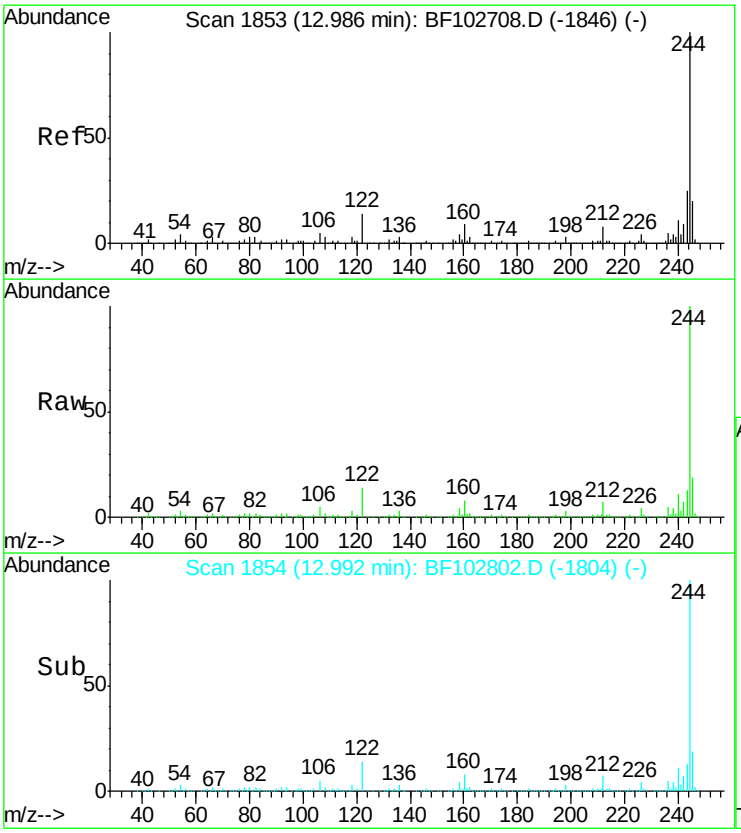
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:240 Resp: 327257

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	26.0	20.7	31.1

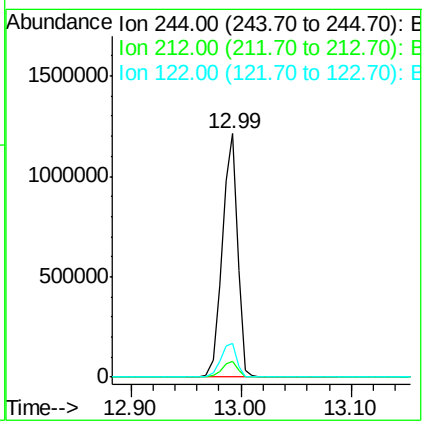


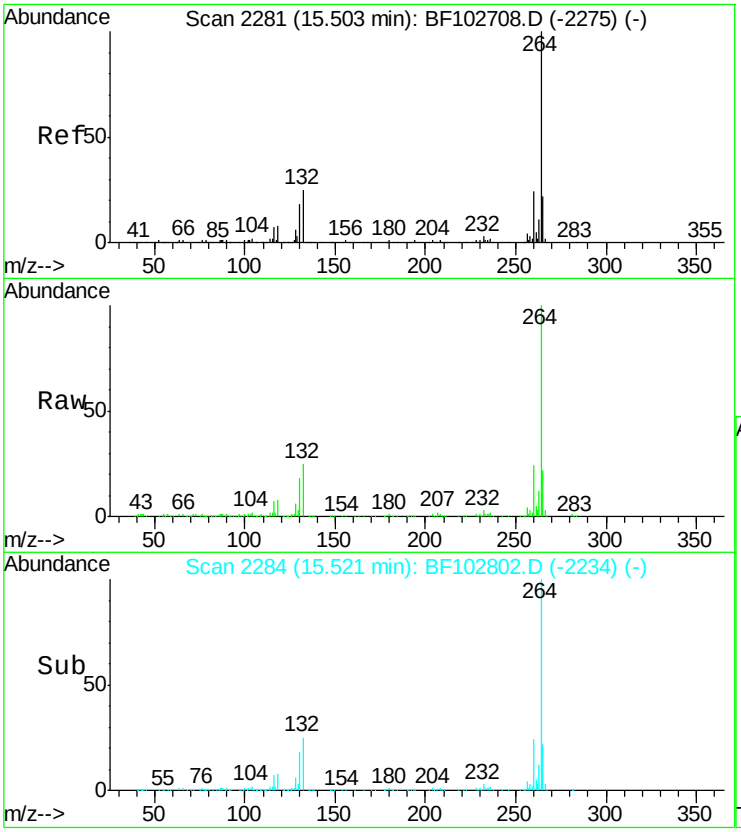


#78
Terphenyl-d14
Concen: 85.295 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Tgt Ion:244 Resp: 1178892

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.8	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102802.D
Acq: 7 Feb 2018 00:18

Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:264 Resp: 296317

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.5	26.3