Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
Data File : BF104443.D
Acq On : 11 Apr 2018 17:28
Operator : JU/SJ
Sample : J2319-01 50X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1

Quant Time: Apr 11 18:51:07 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 13:19:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	106673	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	412723	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	173649	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	284255	20.00	ng	0.00
75) Chrysene-d12	13.98	240	242818	20.00	ng	0.00
86) Perylene-d12	15.45	264	212751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	8694	1.25	ng	0.00
7) Phenol-d6	6.43	99	10775	1.26	ng	-0.01
23) Nitrobenzene-d5	7.36	82	5680	0.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	1797	1.00	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	12278	1.12	ng	0.00
78) Terphenyl-d14	12.92	244	11457	1.08	ng	0.00
Target Compounds						Qvalue

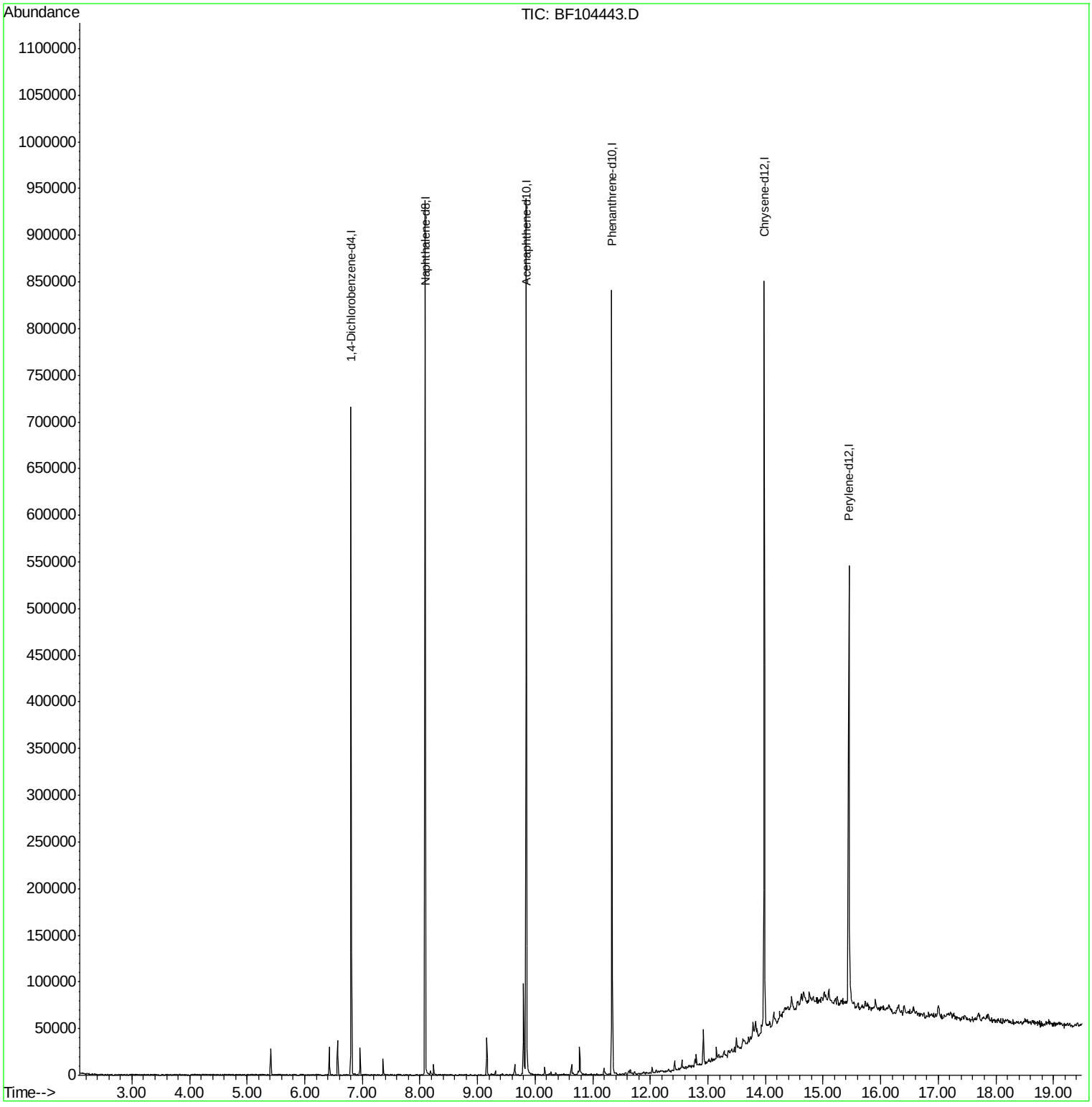
(#) = qualifier out of range (m) = manual integration (+) = signals summed

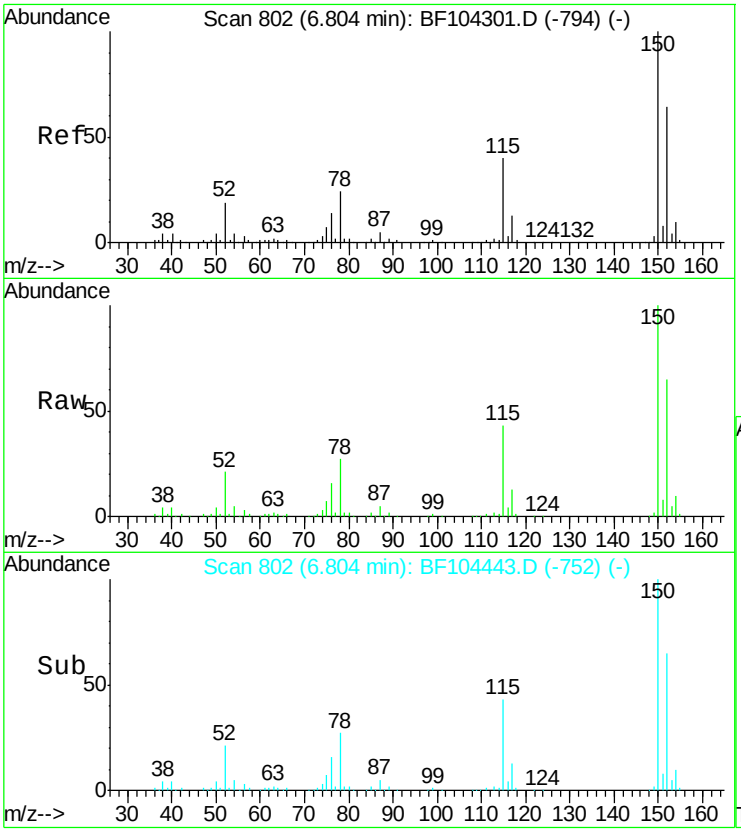
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
Data File : BF104443.D
Acq On : 11 Apr 2018 17:28
Operator : JU/SJ
Sample : J2319-01 50X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Quant Time: Apr 11 18:51:07 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 13:19:22 2018
Response via : Initial Calibration



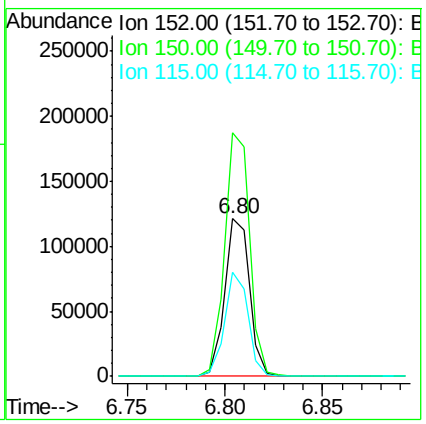


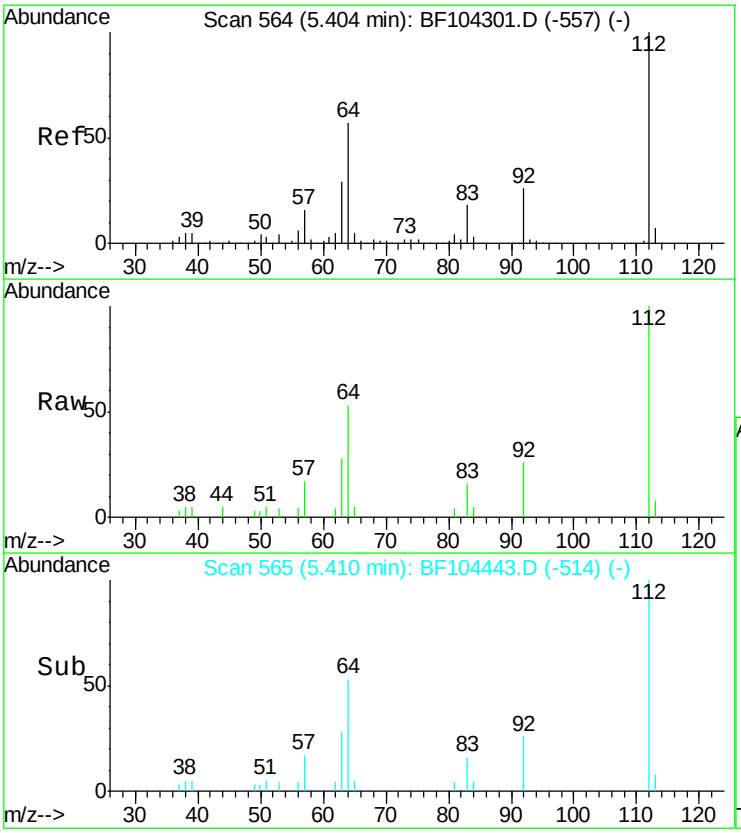
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104443.D
Acq: 11 Apr 2018 17:28

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tgt Ion:152 Resp: 106673

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	65.7	50.1	75.1

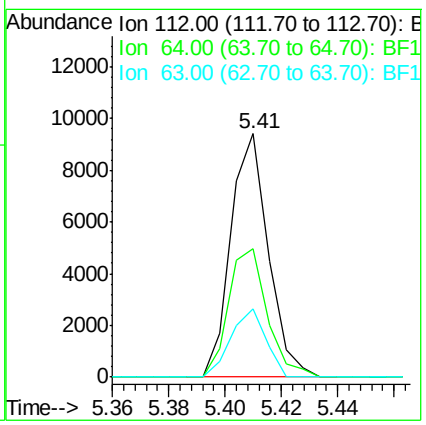


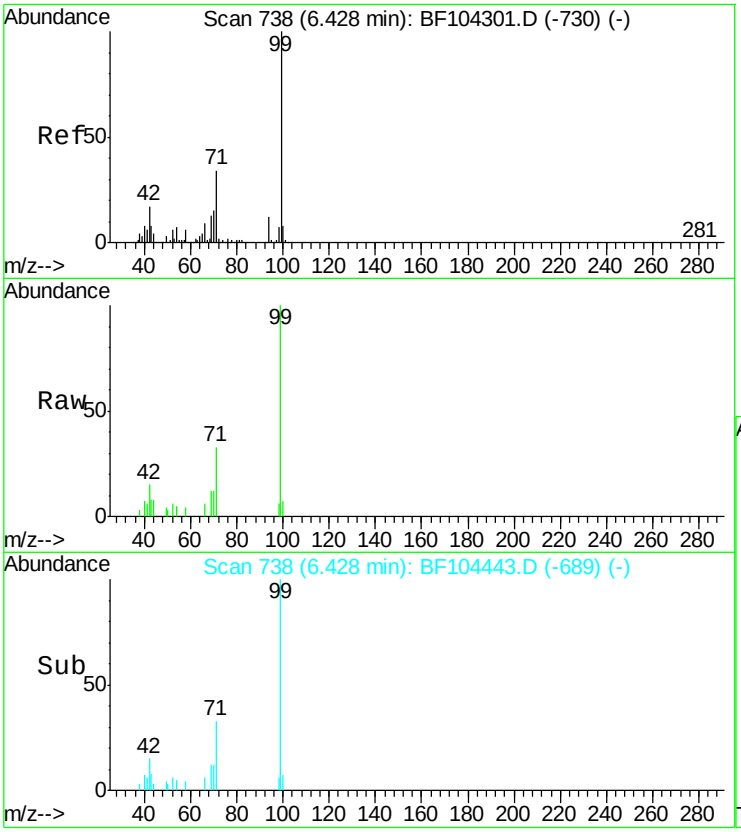


#5
2-Fluorophenol
Concen: 1.246 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF104443.D
Acq: 11 Apr 2018 17:28

Tgt Ion:112 Resp: 8694

Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	27.9	23.7	35.5



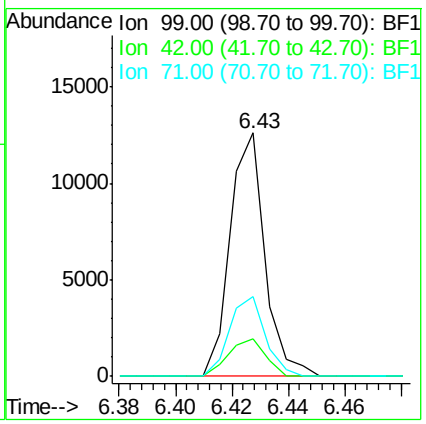


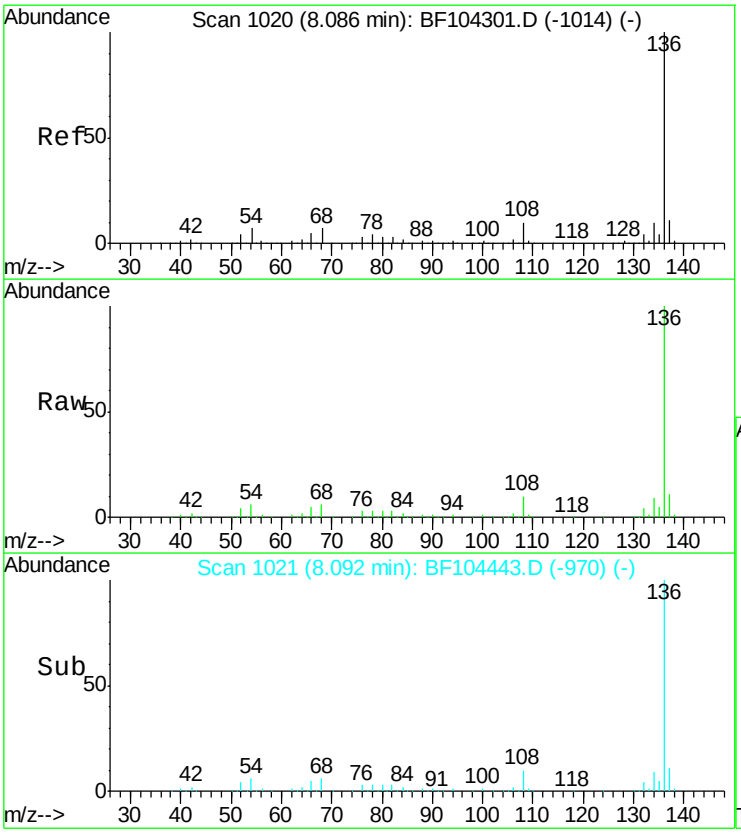
#7
Phenol-d6
Concen: 1.257 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF104443.D
Acq: 11 Apr 2018 17:28

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tgt Ion: 99 Resp: 10775

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	32.6	25.4	38.0

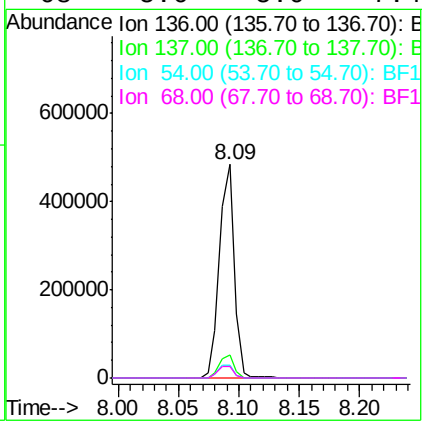


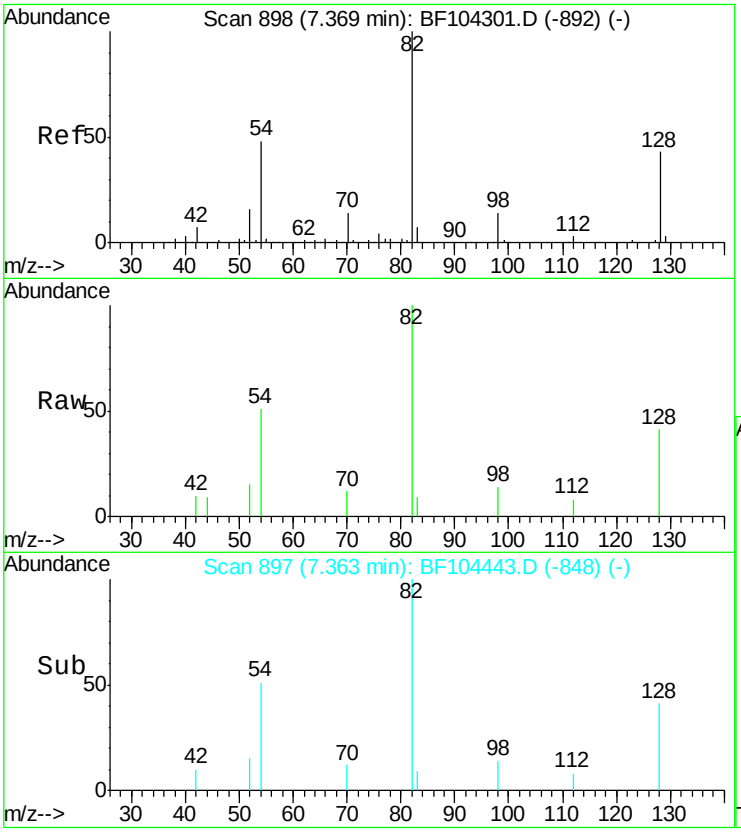


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104443.D
Acq: 11 Apr 2018 17:28

Tgt Ion:136 Resp: 412723

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.2	6.6	9.8#
68	5.6	5.0	7.4



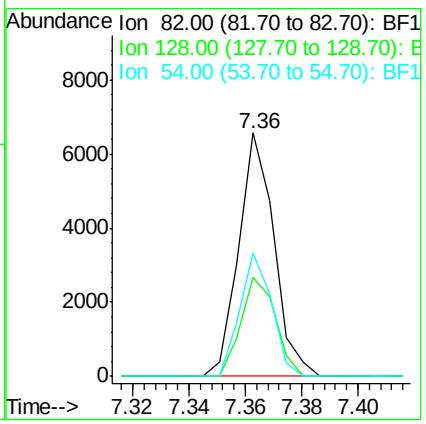


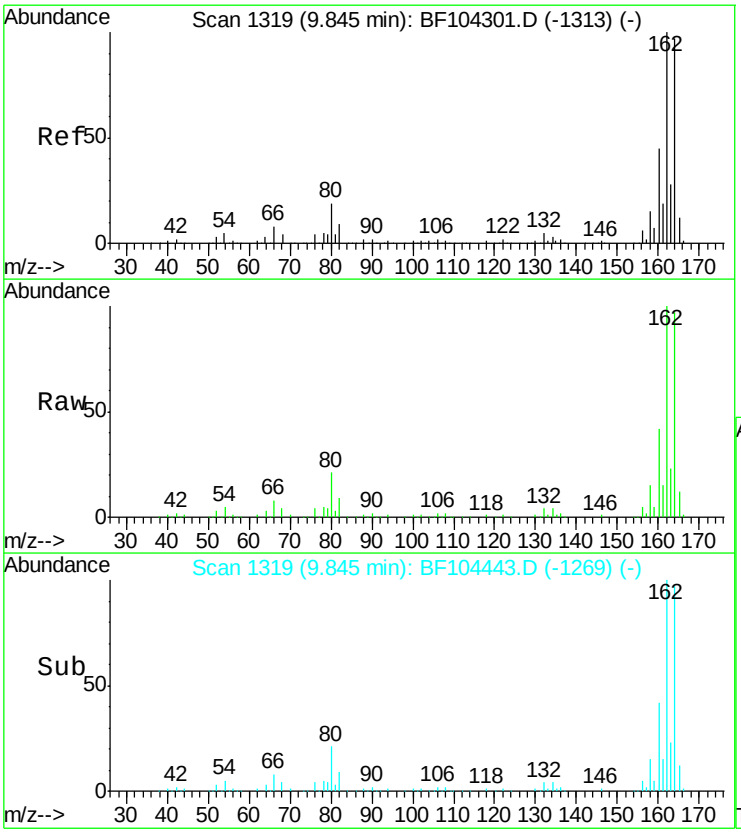
#23
Nitrobenzene-d5
Concen: 0.899 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104443.D
Acq: 11 Apr 2018 17:28

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tgt Ion: 82 Resp: 5680

Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	50.8	41.4	62.2

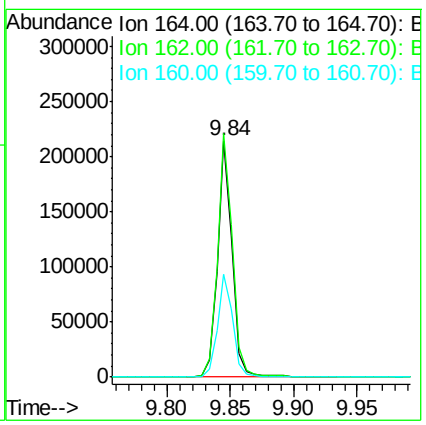


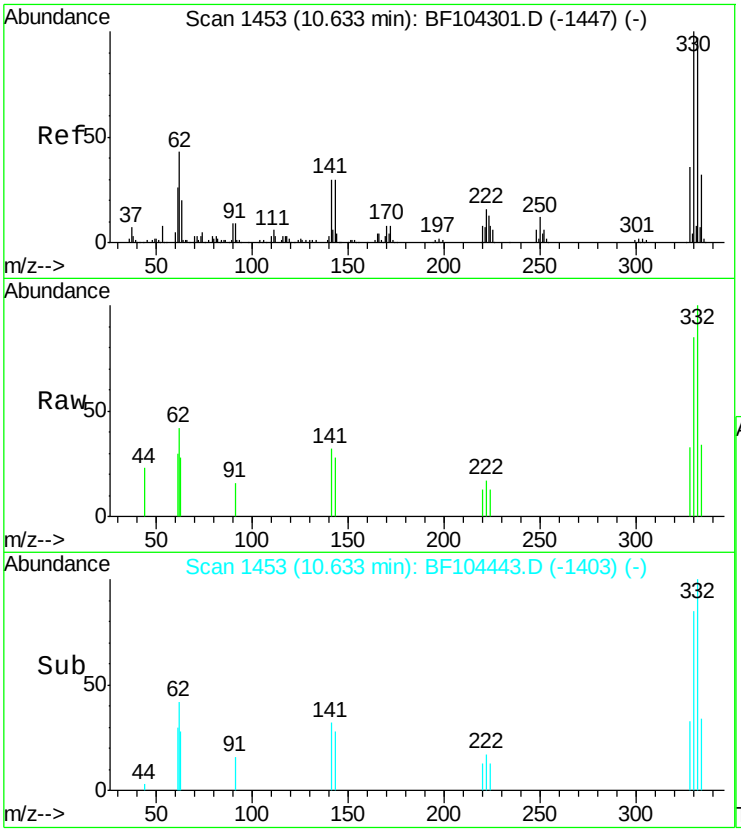


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104443.D
Acq: 11 Apr 2018 17:28

Tgt Ion:164 Resp: 173649

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	43.7	38.3	57.5



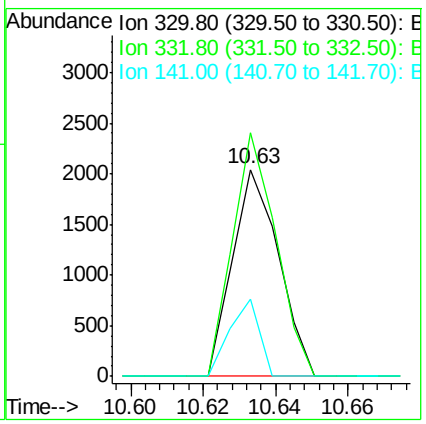


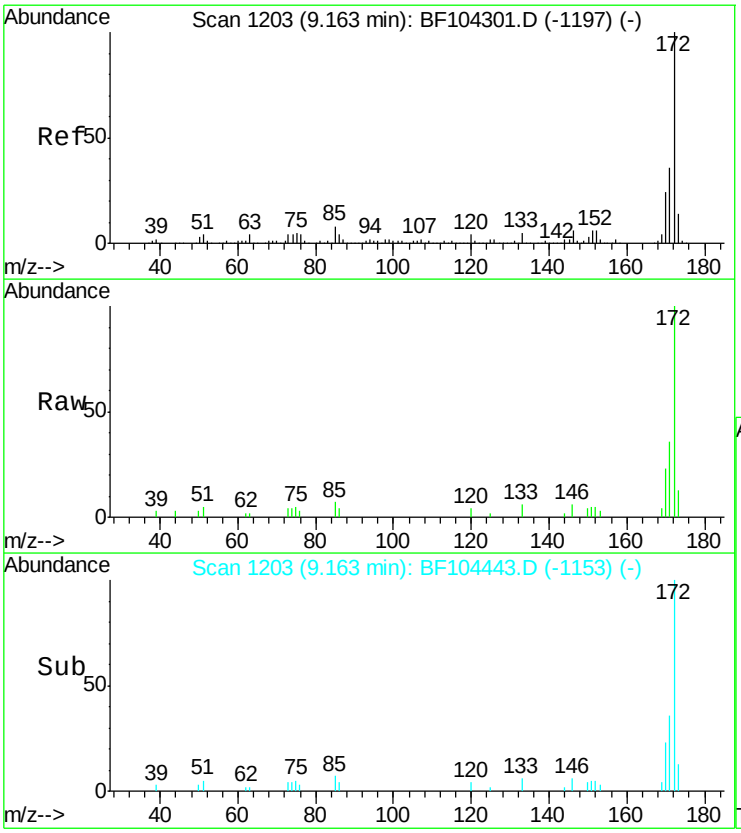
#41
2,4,6-Tribromophenol
Concen: 0.998 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104443.D
Acq: 11 Apr 2018 17:28

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tgt Ion:330 Resp: 1797

Ion	Ratio	Lower	Upper
330	100		
332	111.3	77.0	115.6
141	24.2	29.9	44.9#

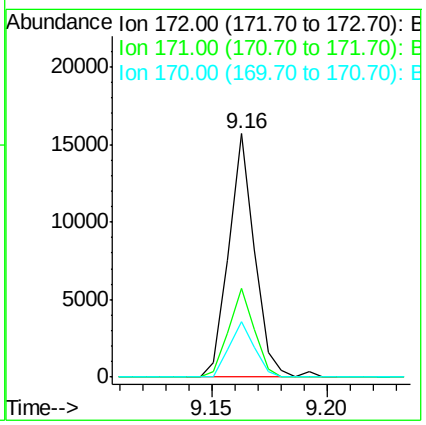


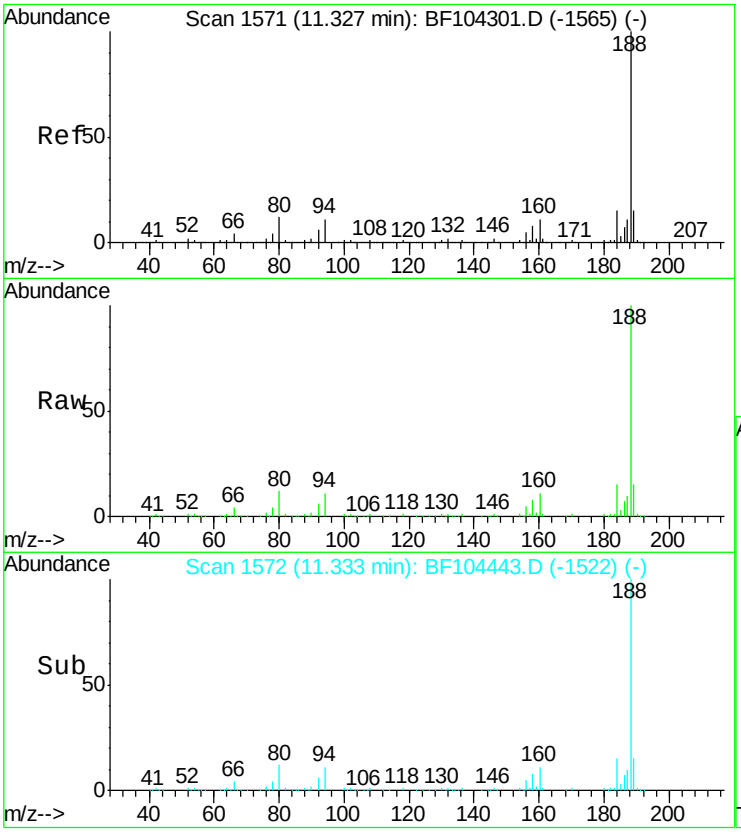


#44
2-Fluorobiphenyl
Concen: 1.117 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104443.D
Acq: 11 Apr 2018 17:28

Tgt Ion:172 Resp: 12278

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	22.7	19.6	29.4



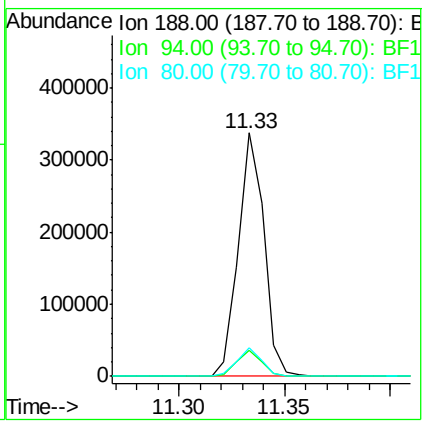


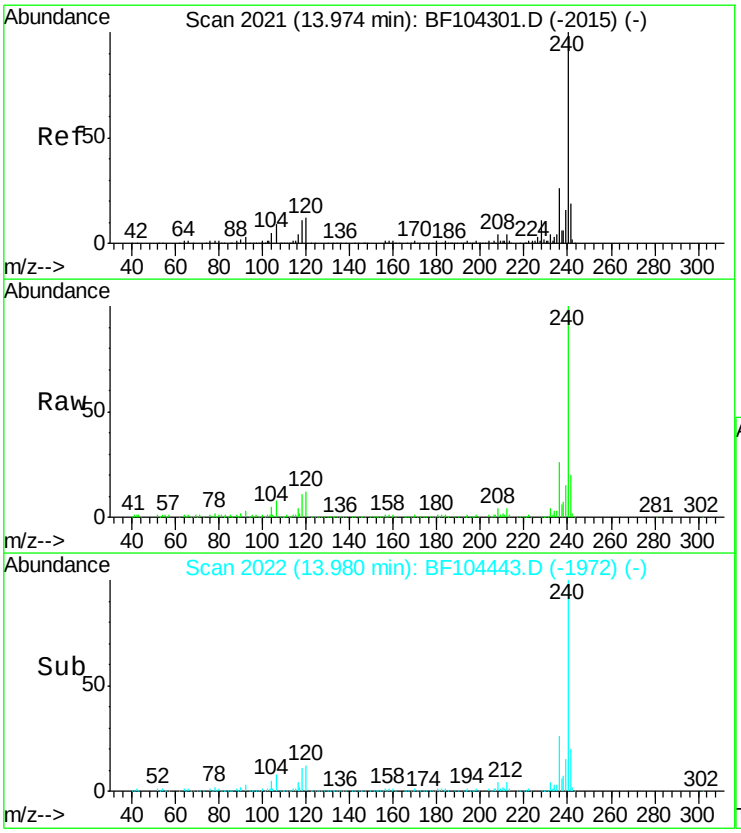
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104443.D
Acq: 11 Apr 2018 17:28

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tgt Ion:188 Resp: 284255

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.8	9.2	13.8

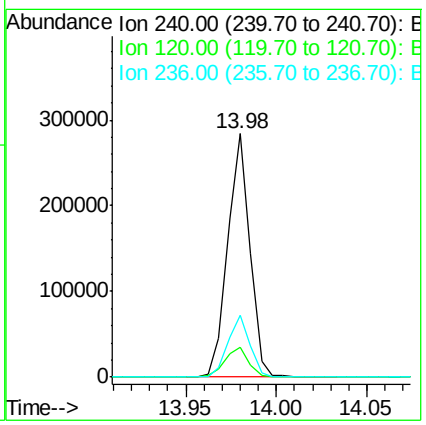


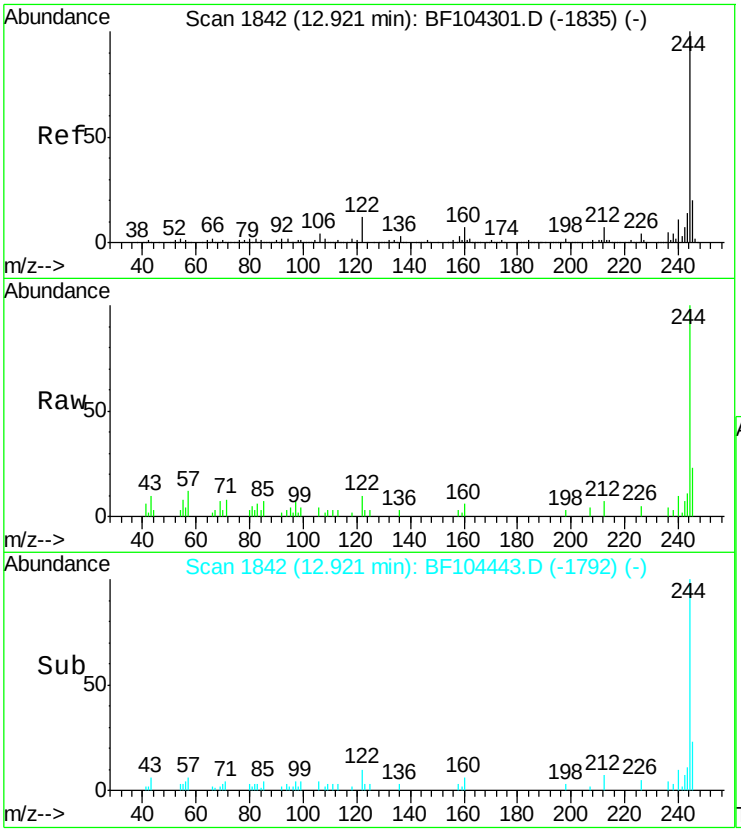


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104443.D
Acq: 11 Apr 2018 17:28

Tgt Ion:240 Resp: 242818

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.6	20.7	31.1



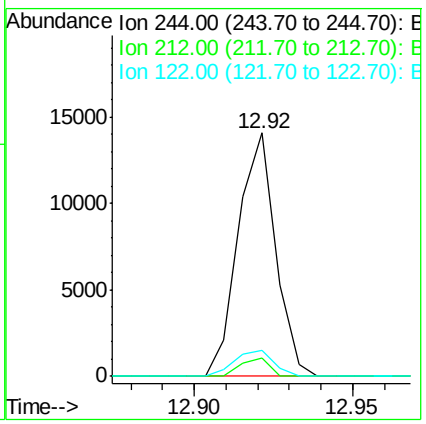


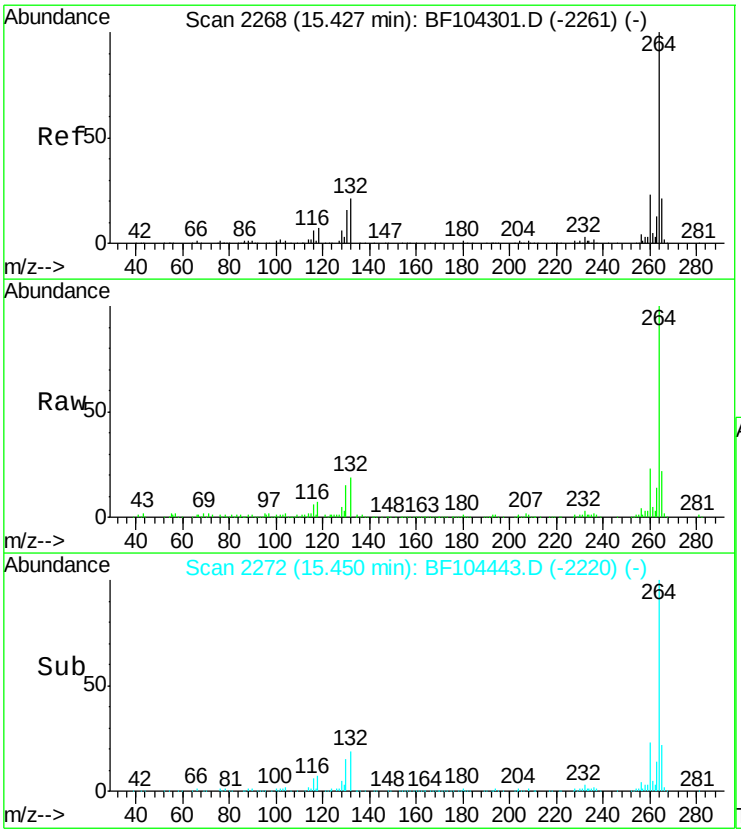
#78
Terphenyl-d14
Concen: 1.076 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF104443.D
Acq: 11 Apr 2018 17:28

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tgt Ion:244 Resp: 11457

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF104443.D
Acq: 11 Apr 2018 17:28

Tgt Ion:264 Resp: 212751

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.5	26.3