Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103908.D
Acq On : 24 Mar 2018 4:25
Operator : JU/SJ
Sample : J2014-06
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 032018-JETT-F-U-M

Quant Time: Mar 24 05:33:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	126031	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	476437	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	189144	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	286550	20.00	ng	0.00
75) Chrysene-d12	14.16	240	245922	20.00	ng	0.00
86) Perylene-d12	15.70	264	176820	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	375520	45.32	ng	0.00
7) Phenol-d6	6.59	99	302799	29.87	ng	-0.01
23) Nitrobenzene-d5	7.54	82	769116	112.58	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	166382	102.31	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1306792	110.21	ng	0.00
78) Terphenyl-d14	13.10	244	999696	94.36	ng	0.00
Target Compounds						Qvalue

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

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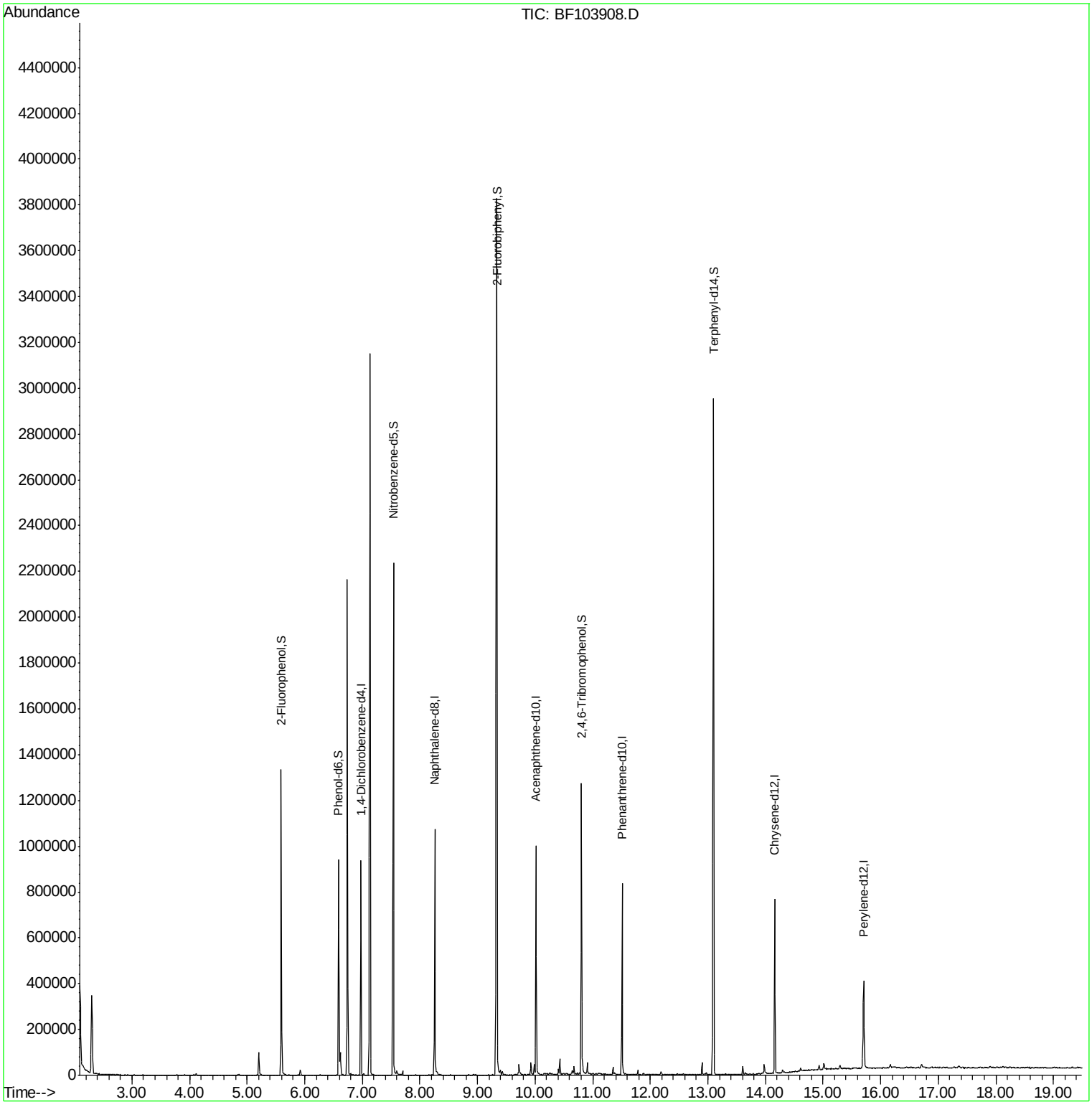
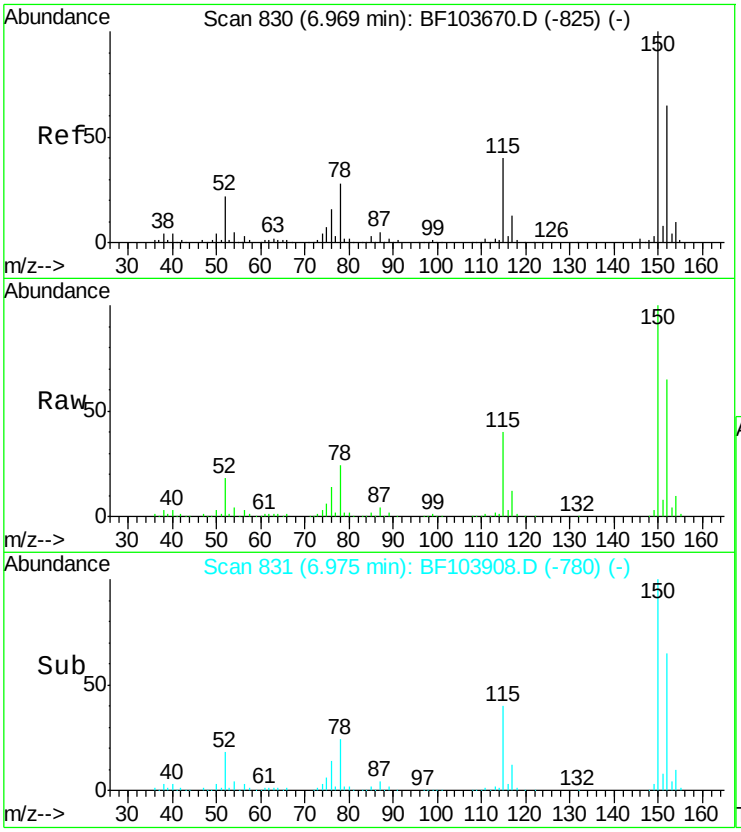


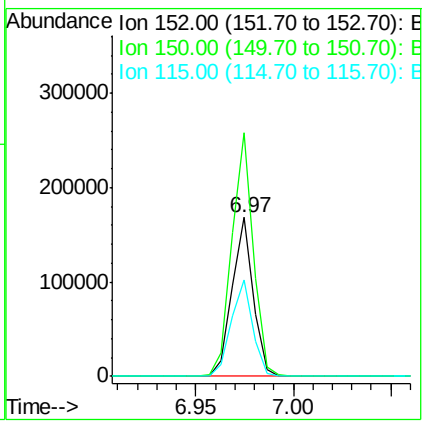


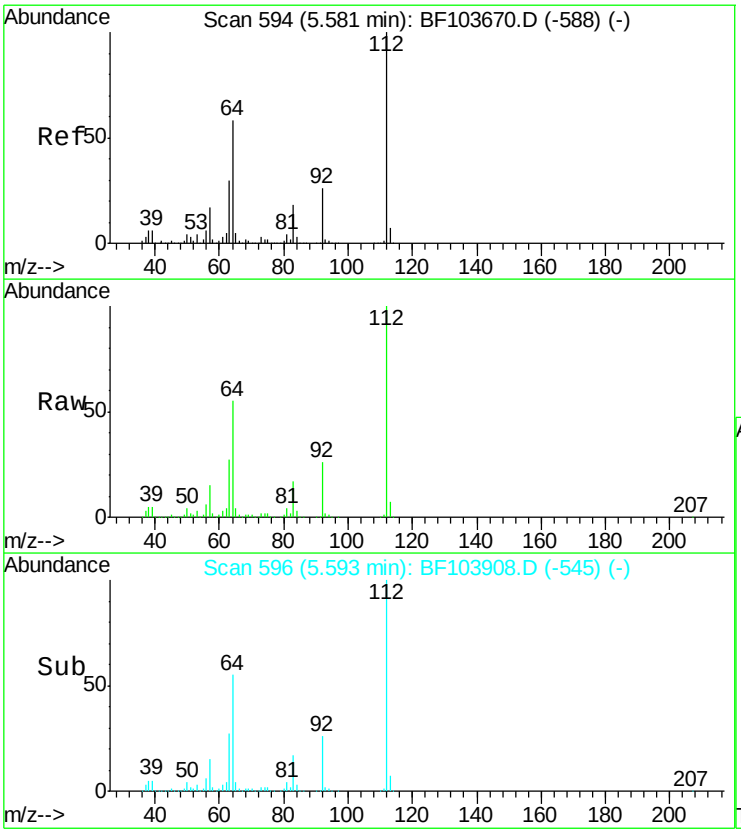
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Instrument :
BNA_F
ClientSampleId :
032018-JETT-F-U-M

Tgt Ion:152 Resp: 126031

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	60.6	50.1	75.1

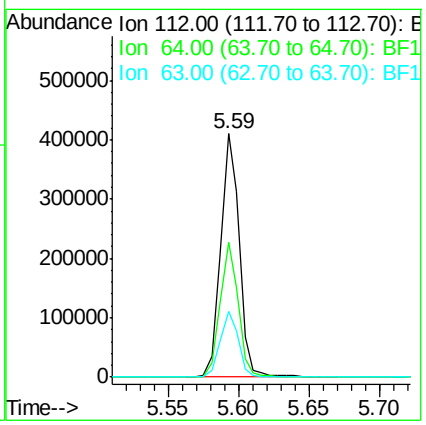


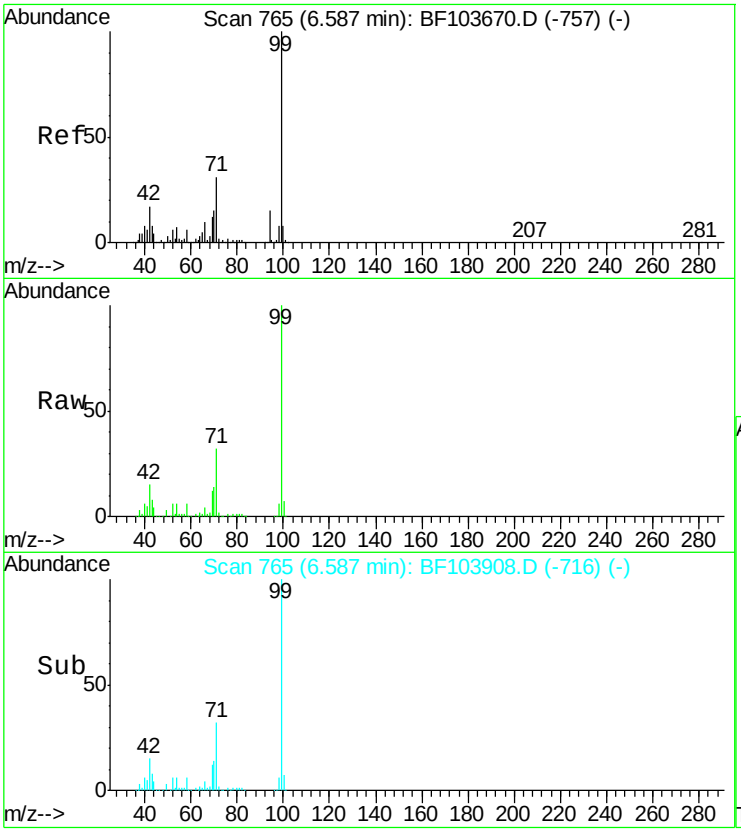


#5
2-Fluorophenol
Concen: 45.319 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Tgt Ion:112 Resp: 375520

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.9	71.9
63	27.2	23.7	35.5



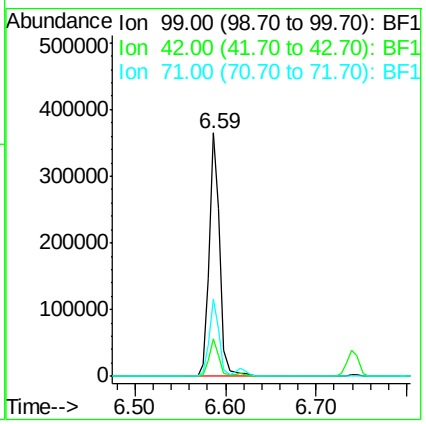


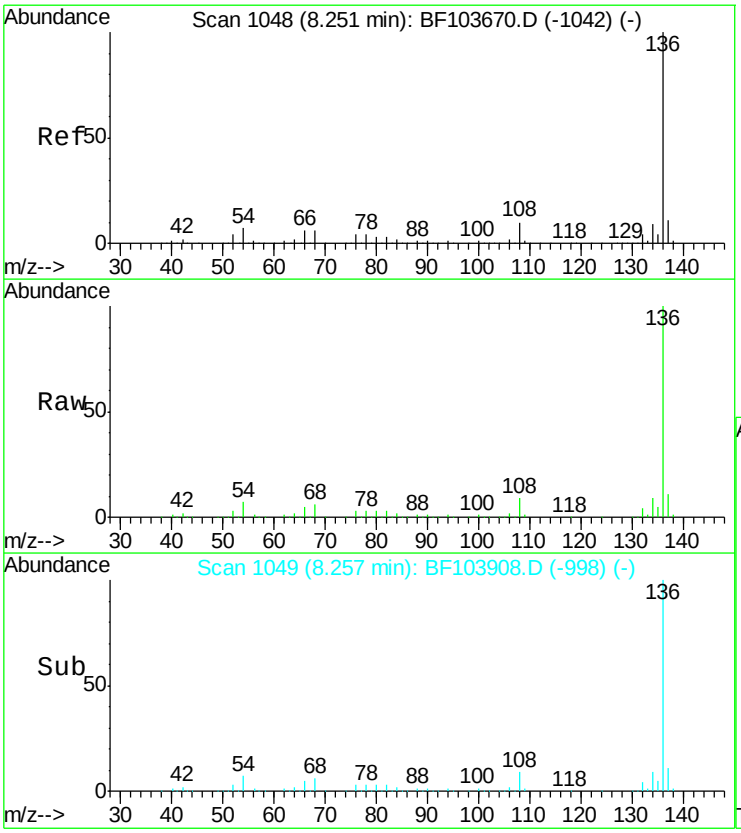
#7
Phenol-d6
Concen: 29.869 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Instrument :
BNA_F
ClientSampleId :
032018-JETT-F-U-M

Tgt Ion: 99 Resp: 302799

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	31.7	25.4	38.0

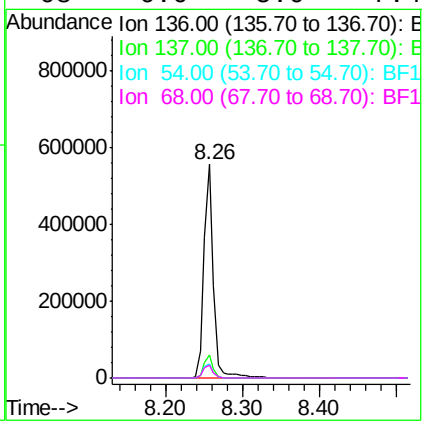


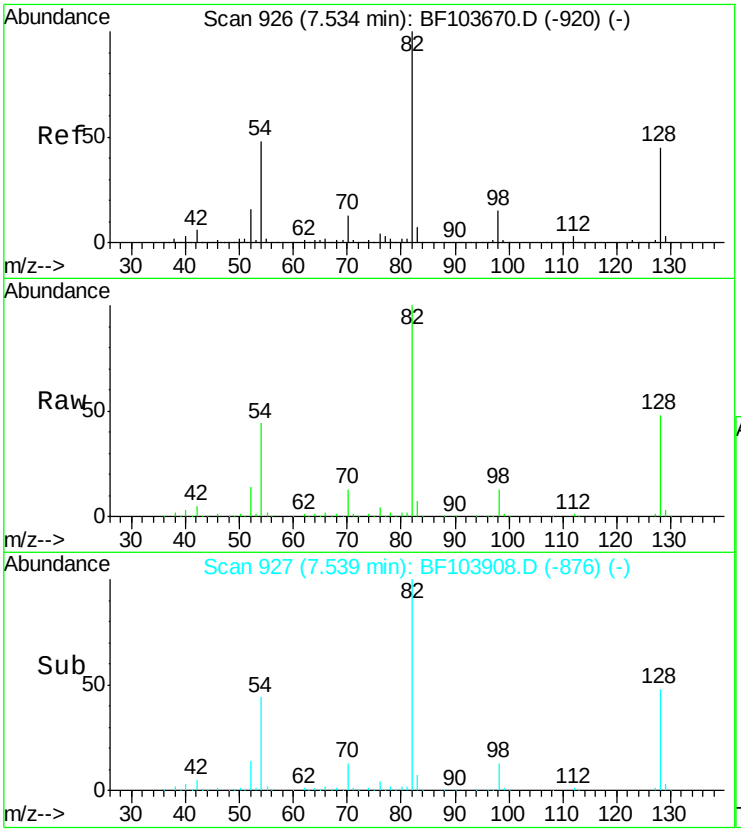


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Tgt Ion:136 Resp: 476437

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.7	6.6	9.8
68	6.0	5.0	7.4



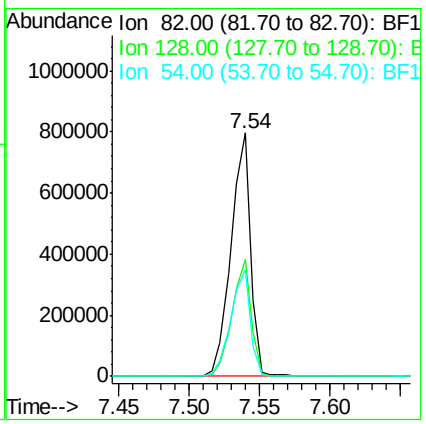


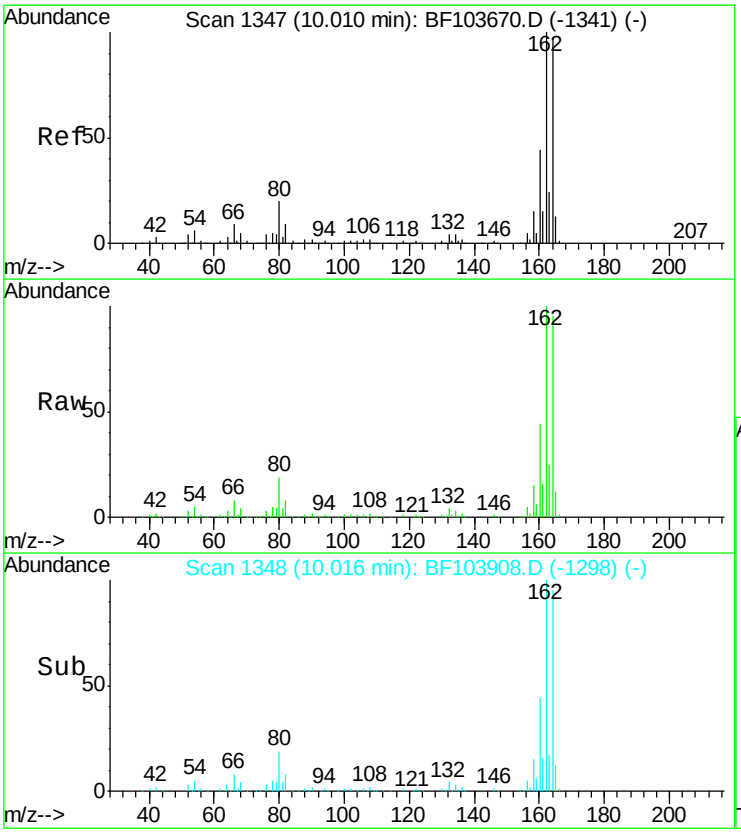
#23
Nitrobenzene-d5
Concen: 112.575 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Instrument :
BNA_F
ClientSampleId :
032018-JETT-F-U-M

Tgt Ion: 82 Resp: 769116

Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	44.0	41.4	62.2

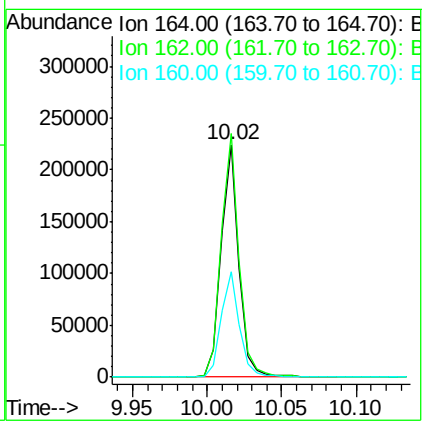


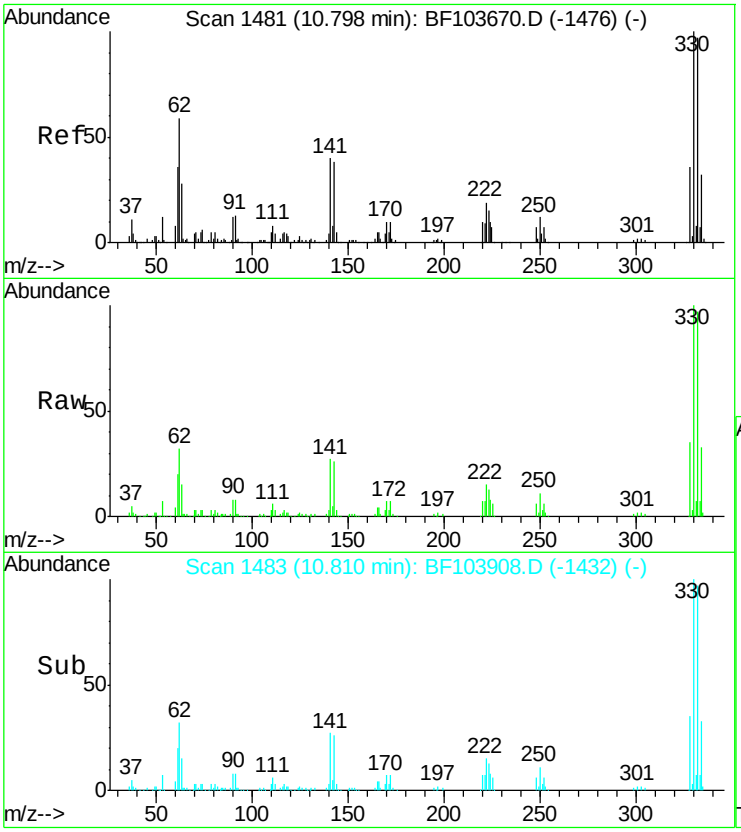


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Tgt Ion:164 Resp: 189144

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	45.6	38.3	57.5



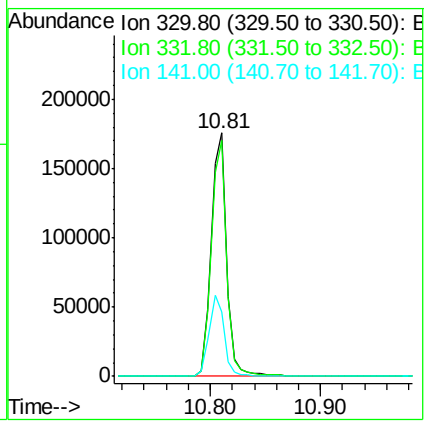


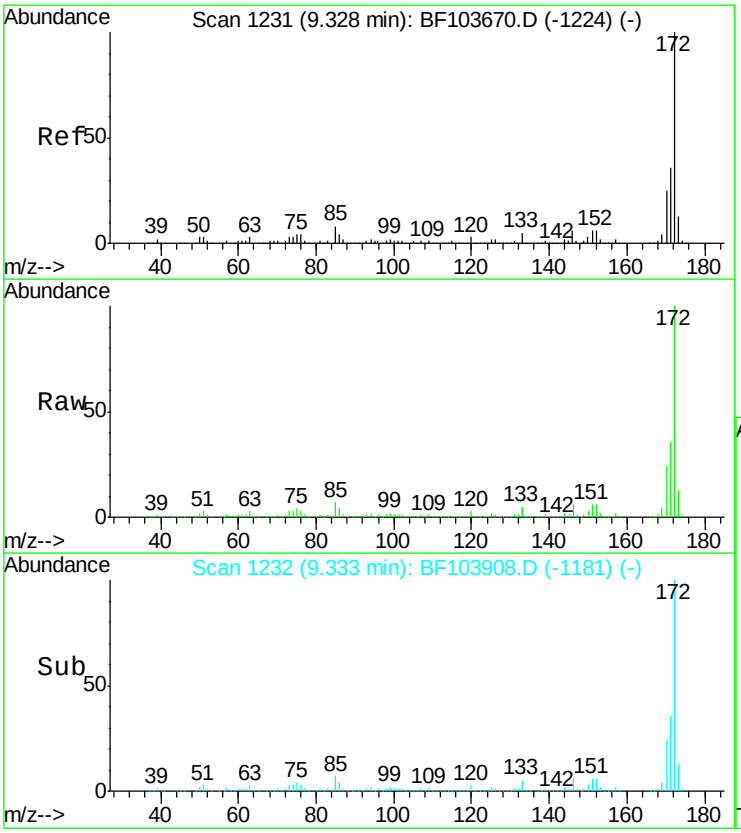
#41
2,4,6-Tribromophenol
Concen: 102.309 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Instrument :
BNA_F
ClientSampleId :
032018-JETT-F-U-M

Tgt Ion:330 Resp: 166382

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.5	29.9	44.9

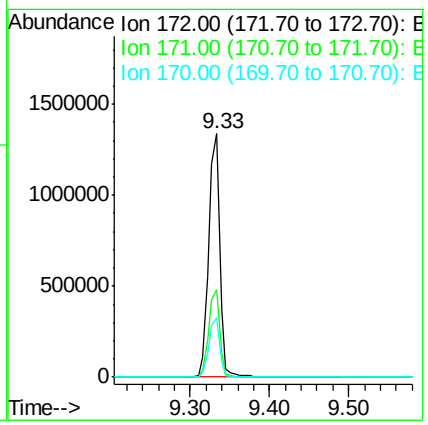


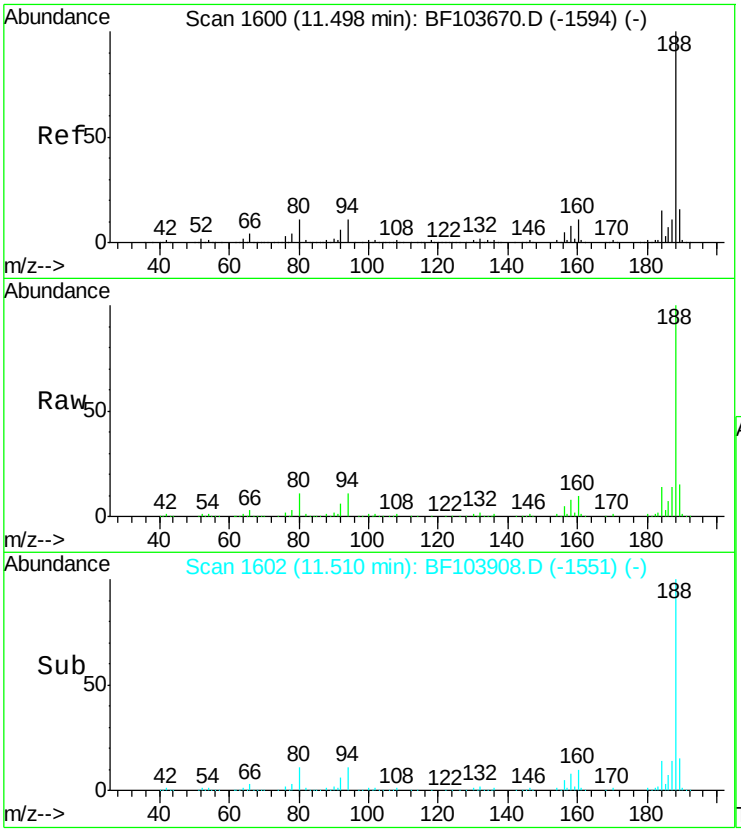


#44
2-Fluorobiphenyl
Concen: 110.209 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Tgt Ion:172 Resp: 1306792

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4



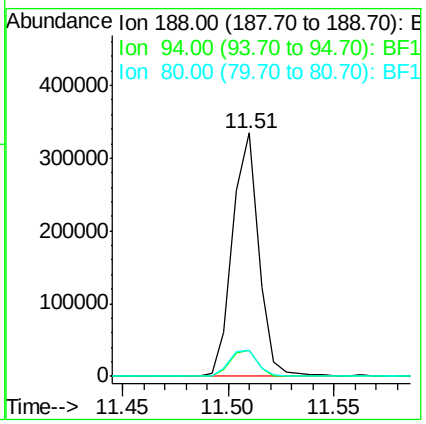


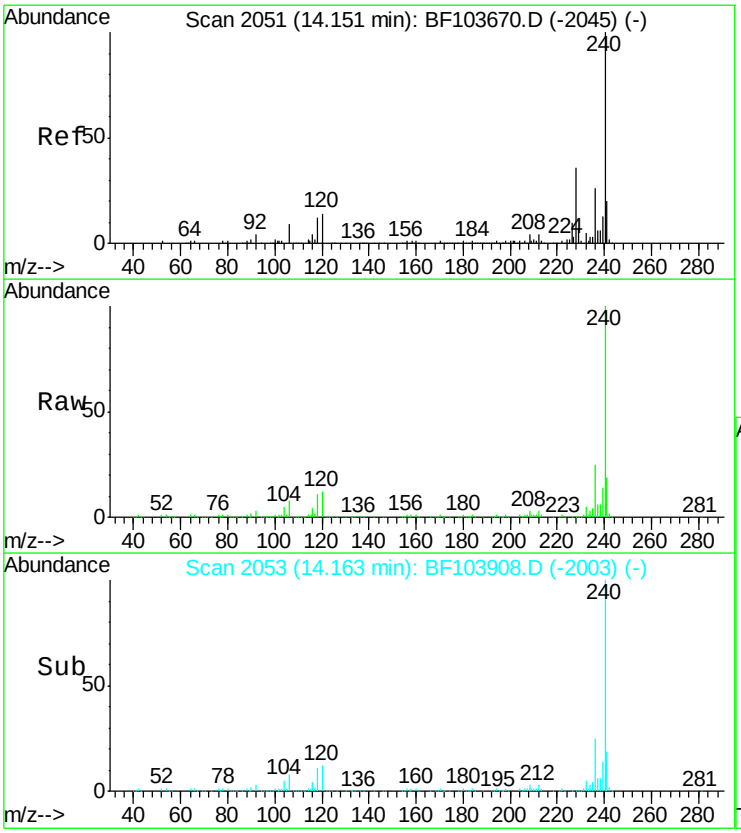
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Instrument :
BNA_F
ClientSampleId :
032018-JETT-F-U-M

Tgt Ion:188 Resp: 286550

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	10.9	9.2	13.8

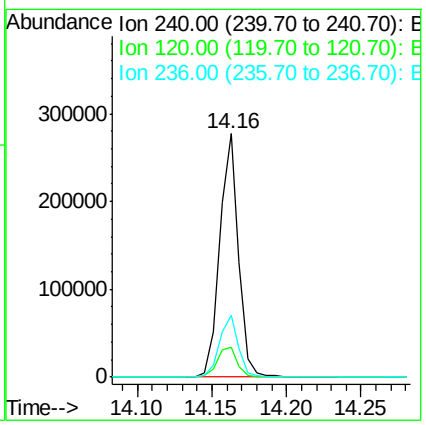


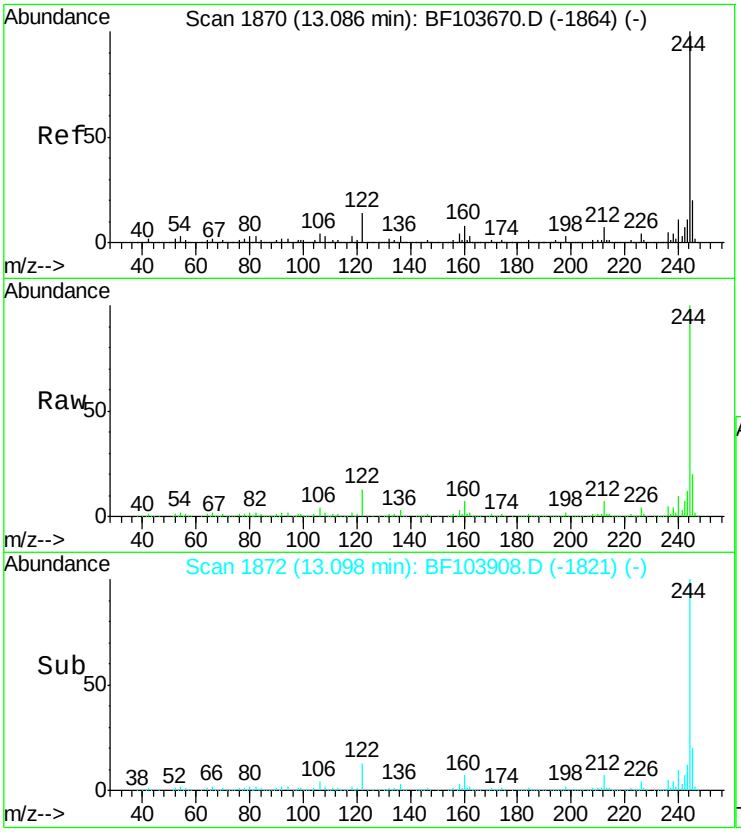


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Tgt Ion:240 Resp: 245922

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.4	20.7	31.1



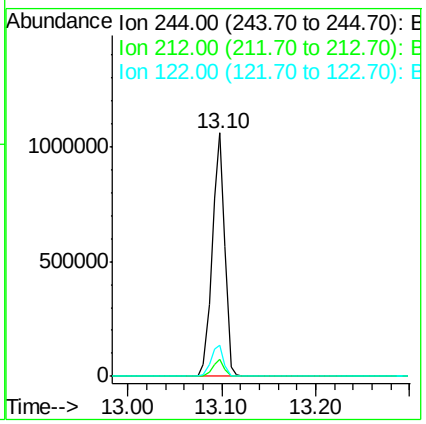


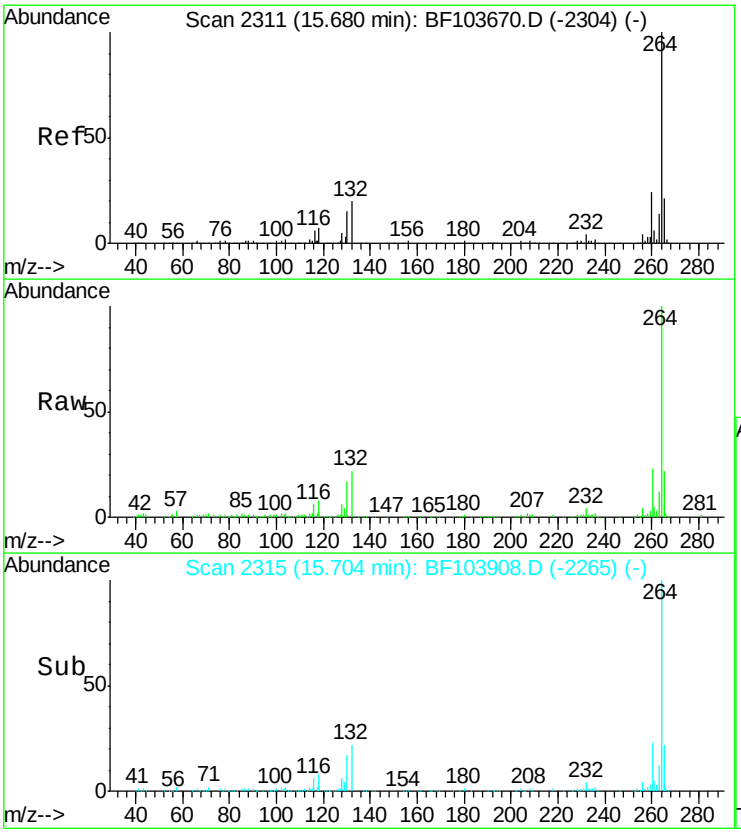
#78
Terphenyl-d14
Concen: 94.357 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Instrument :
BNA_F
ClientSampleId :
032018-JETT-F-U-M

Tgt Ion:244 Resp: 999696

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.9	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103908.D
Acq: 24 Mar 2018 4:25

Tgt Ion:264 Resp: 176820

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	17.5	26.3