Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101882.D
Acq On : 4 Jan 2018 3:06
Operator : SJ/JU
Sample : J1004-16 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-13-COMP

Quant Time: Jan 04 05:07:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	125864	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	467263	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	172732	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	278621	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	261113	20.00	ng	-0.02
86) Perylene-d12	15.42	264	201834	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	181081	21.43	ng	0.00
7) Phenol-d6	6.43	99	237995	22.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	132992	15.84	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	28565	17.16	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	202650	18.20	ng	-0.02
78) Terphenyl-d14	12.87	244	145256	13.41	ng	-0.02
Target Compounds						Qvalue

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

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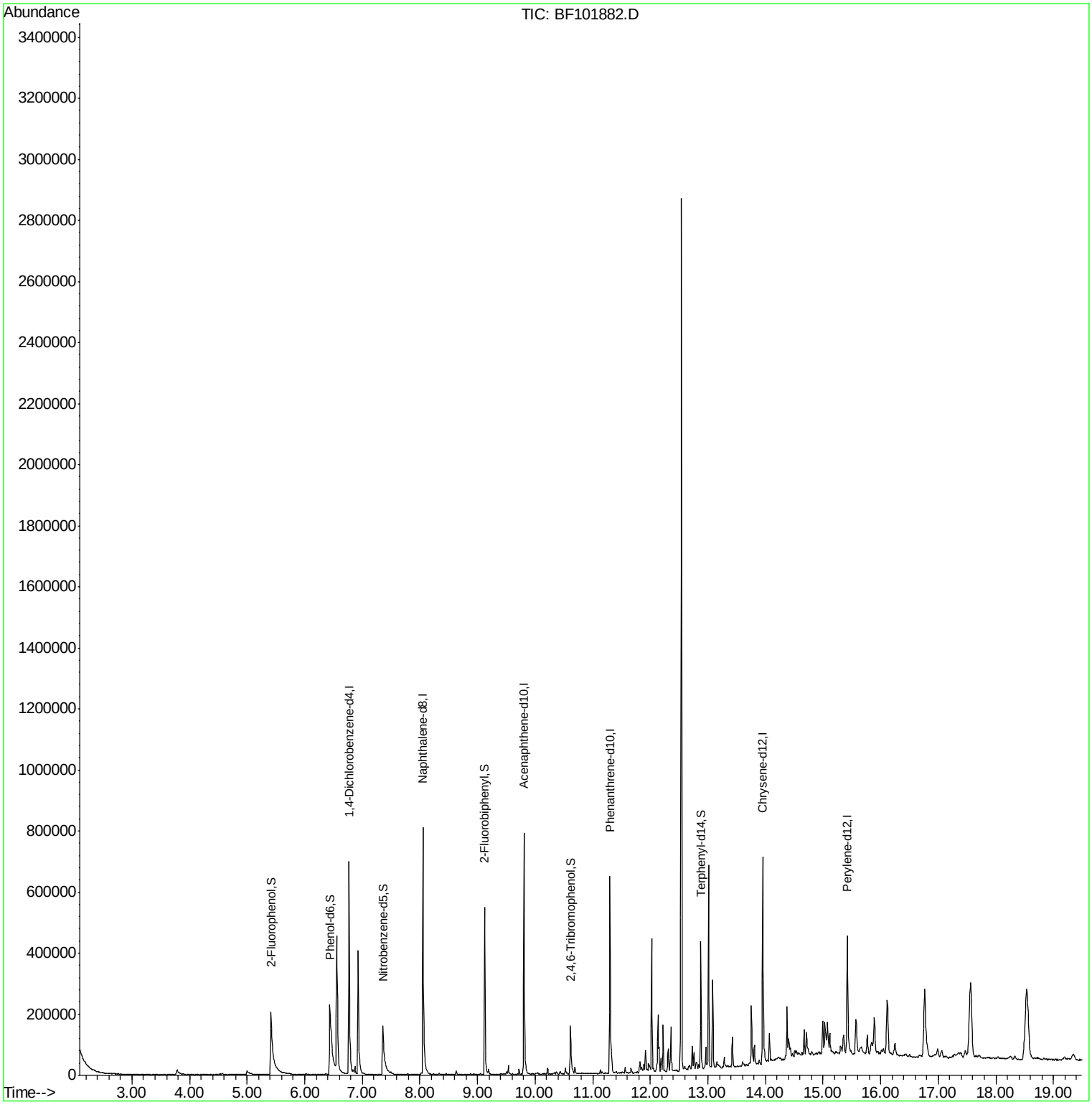
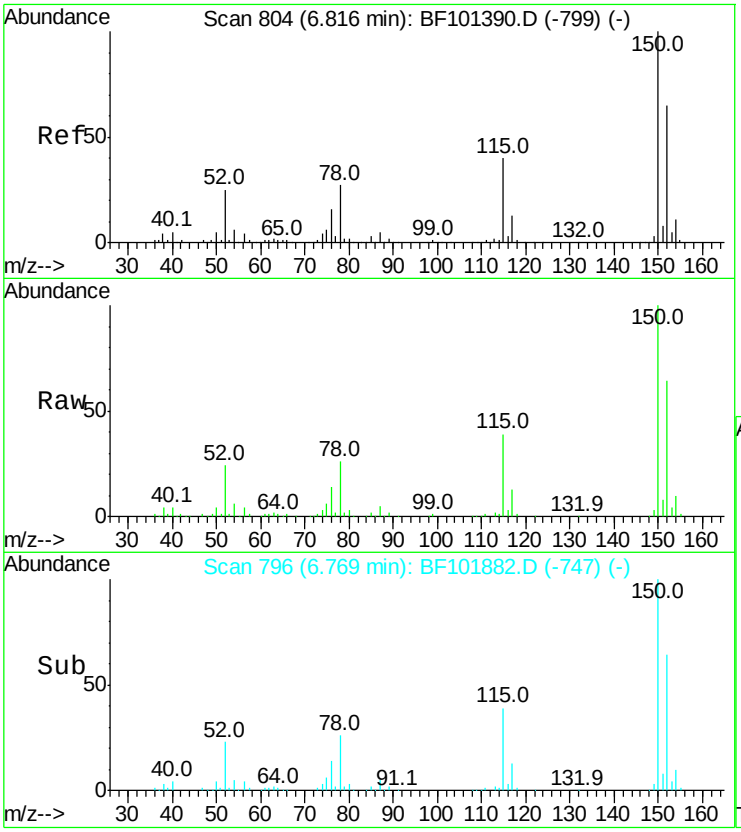


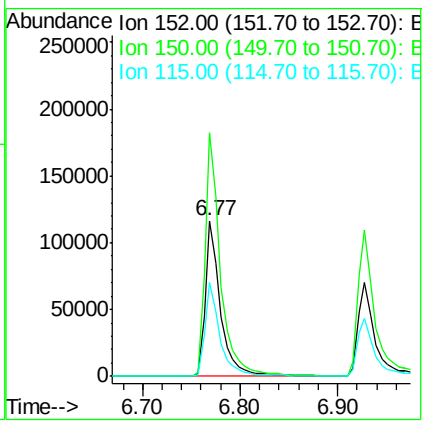


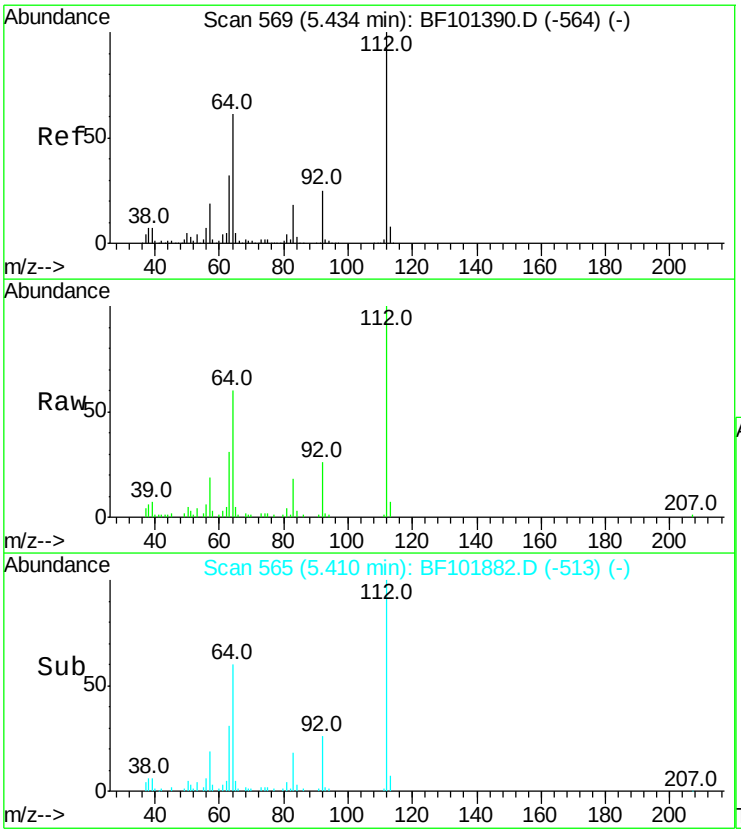
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:152 Resp: 125864

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.6	50.1	75.1

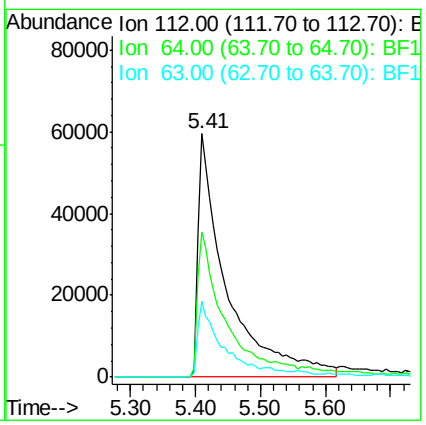


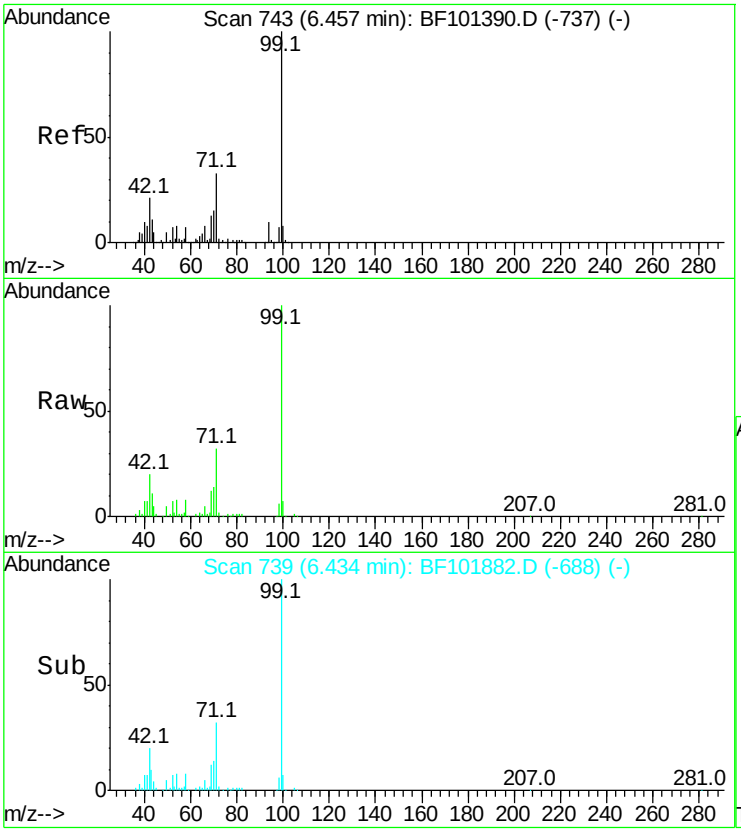


#5
2-Fluorophenol
Concen: 21.431 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Tgt Ion:112 Resp: 181081

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	31.4	23.7	35.5



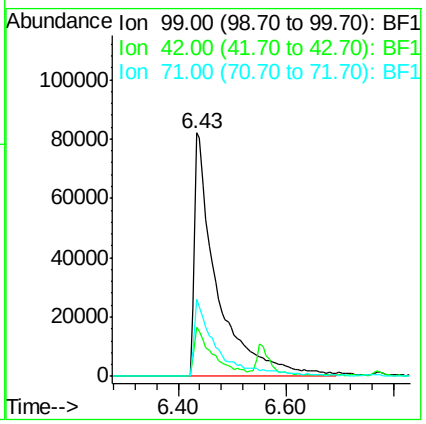


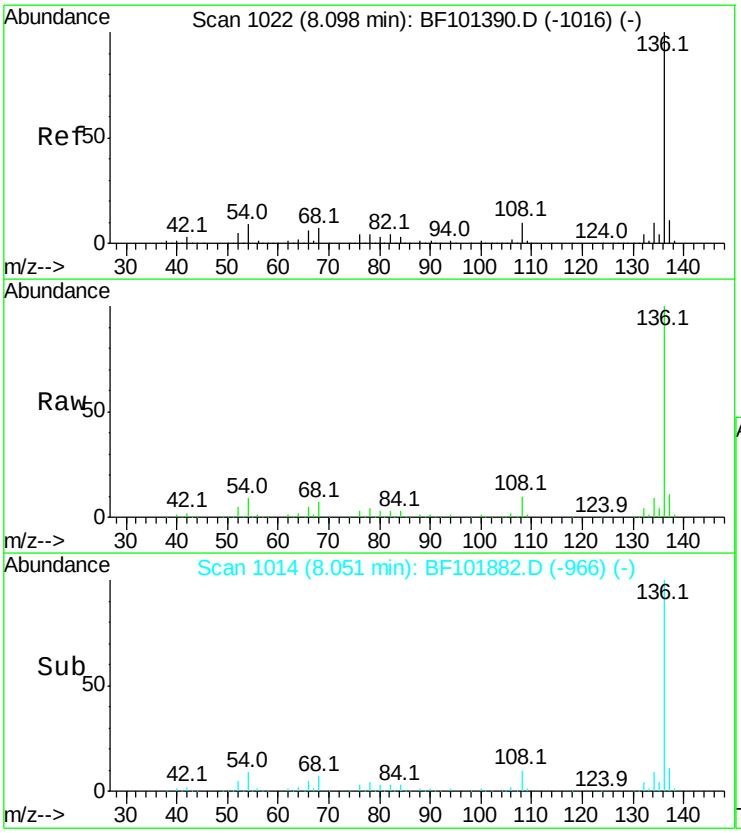
#7
Phenol-d6
Concen: 22.632 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion: 99 Resp: 237995

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	31.9	25.4	38.0

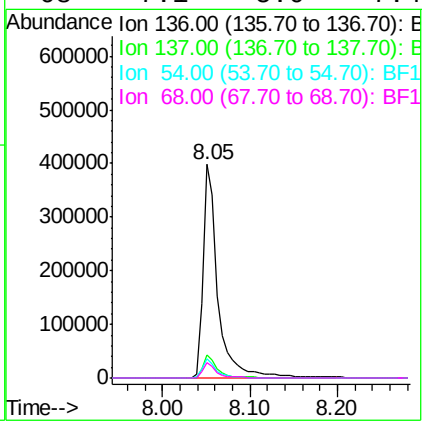


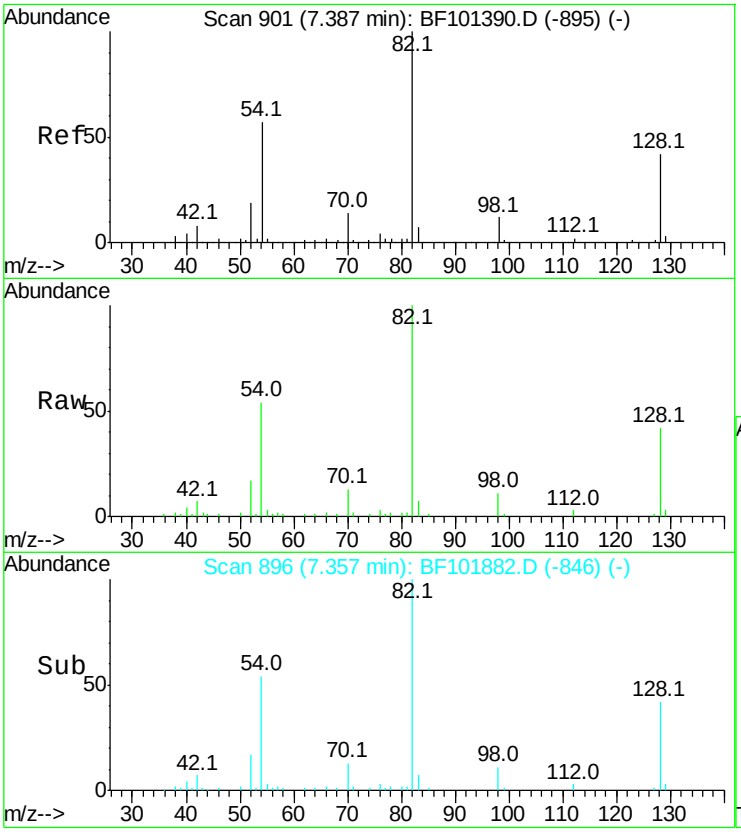


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Tgt Ion:136 Resp: 467263

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.0	6.6	9.8
68	7.1	5.0	7.4



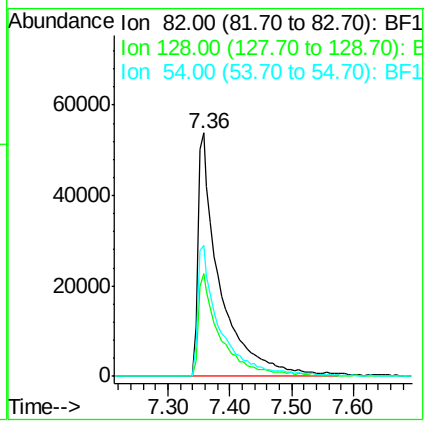


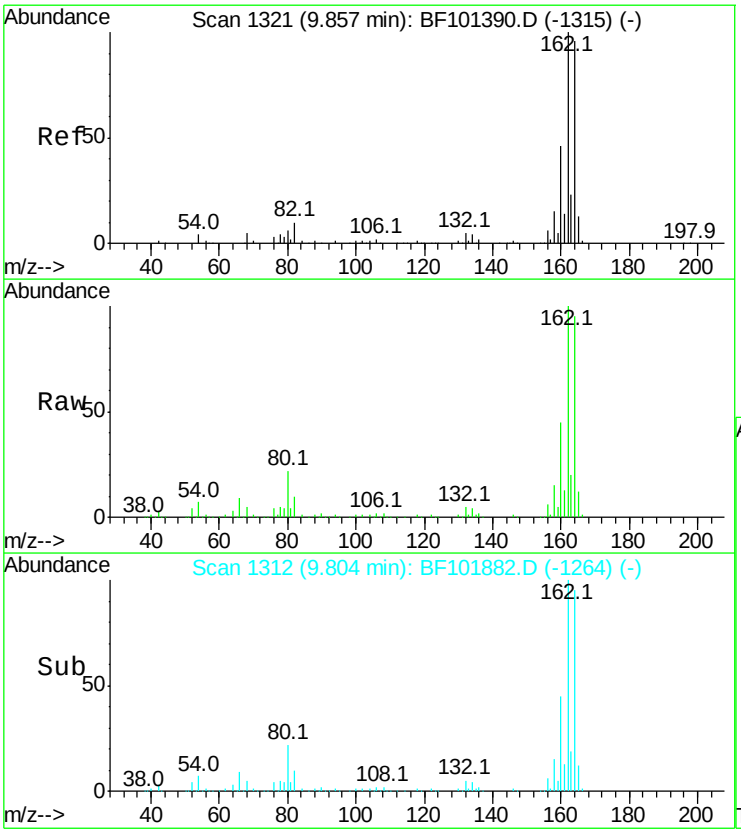
#23
Nitrobenzene-d5
Concen: 15.844 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion: 82 Resp: 132992

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	53.7	41.4	62.2

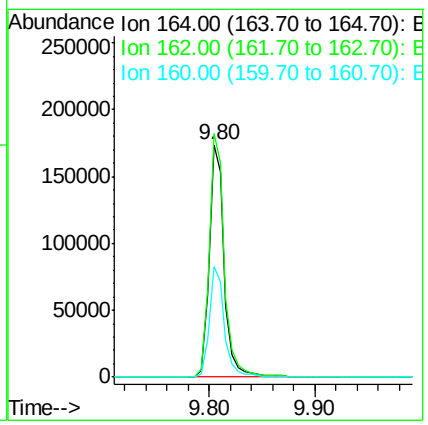


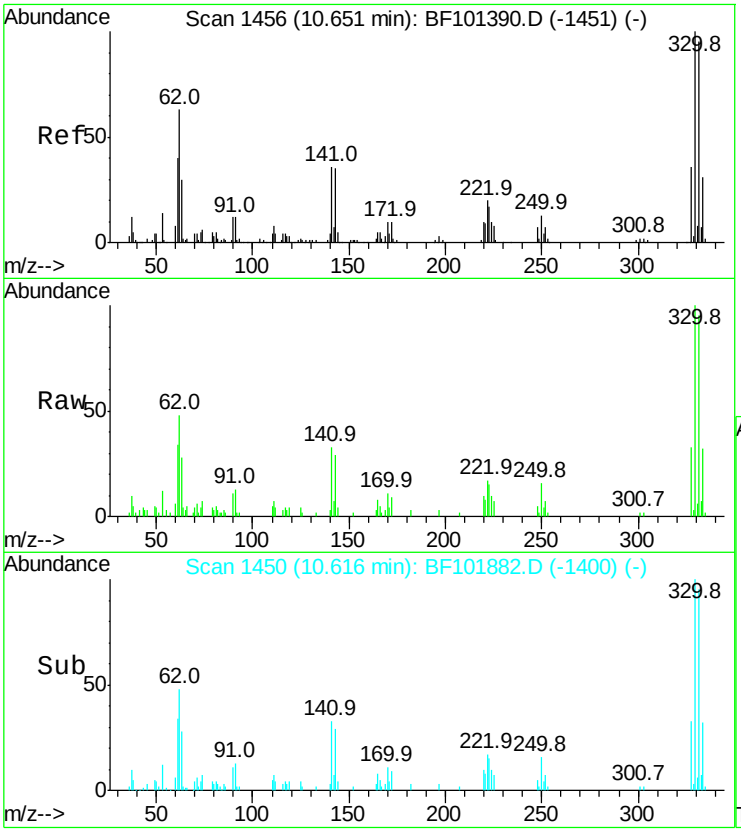


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Tgt Ion:164 Resp: 172732

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.4	38.3	57.5



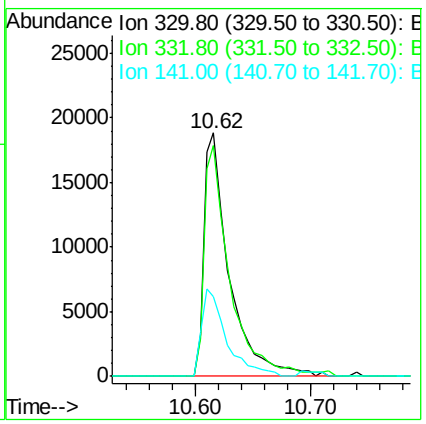


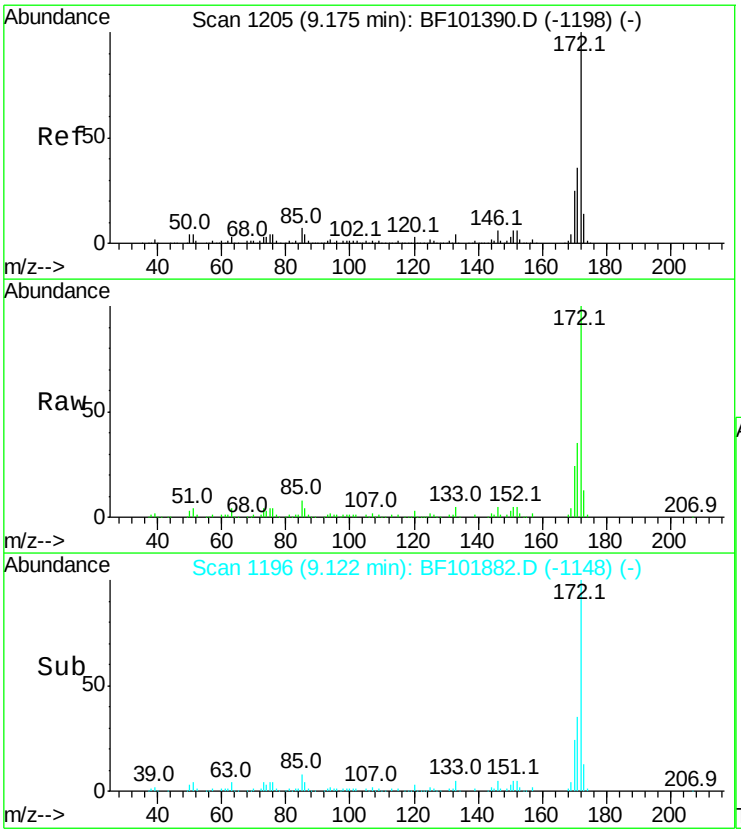
#41
2,4,6-Tribromophenol
Concen: 17.162 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:330 Resp: 28565

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.6	29.9	44.9

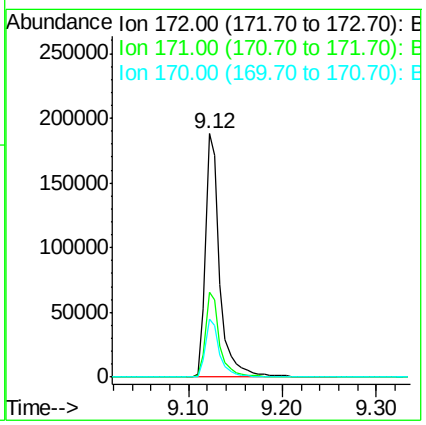


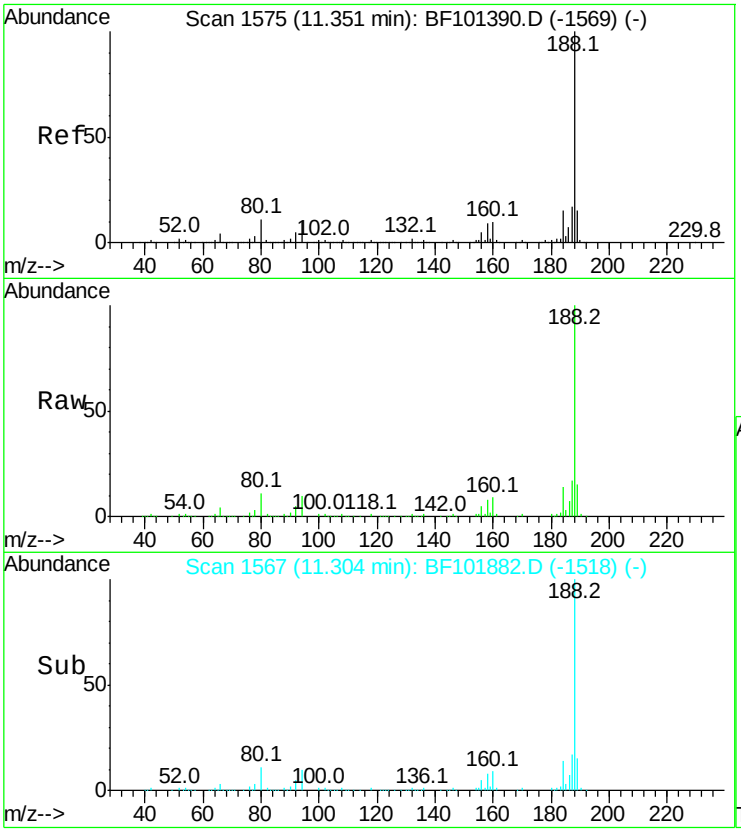


#44
2-Fluorobiphenyl
Concen: 18.199 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Tgt Ion:172 Resp: 202650

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.8	19.6	29.4



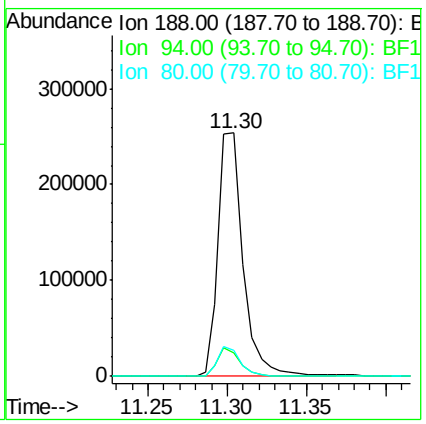


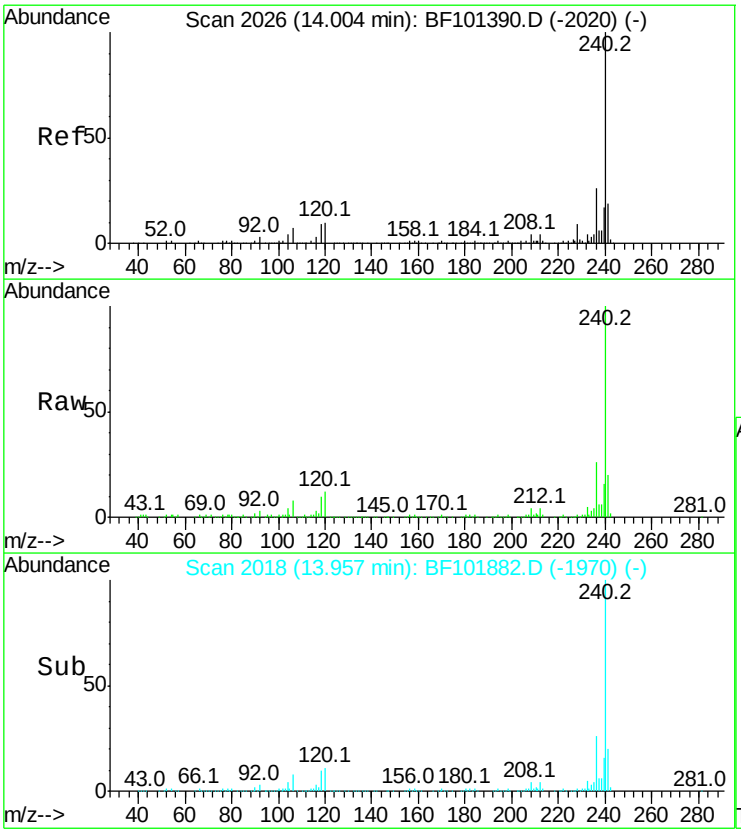
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:188 Resp: 278621

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.8	9.2	13.8

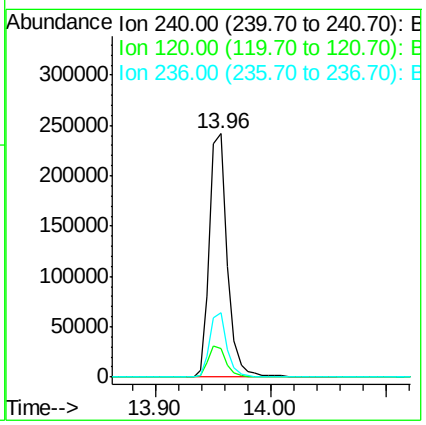


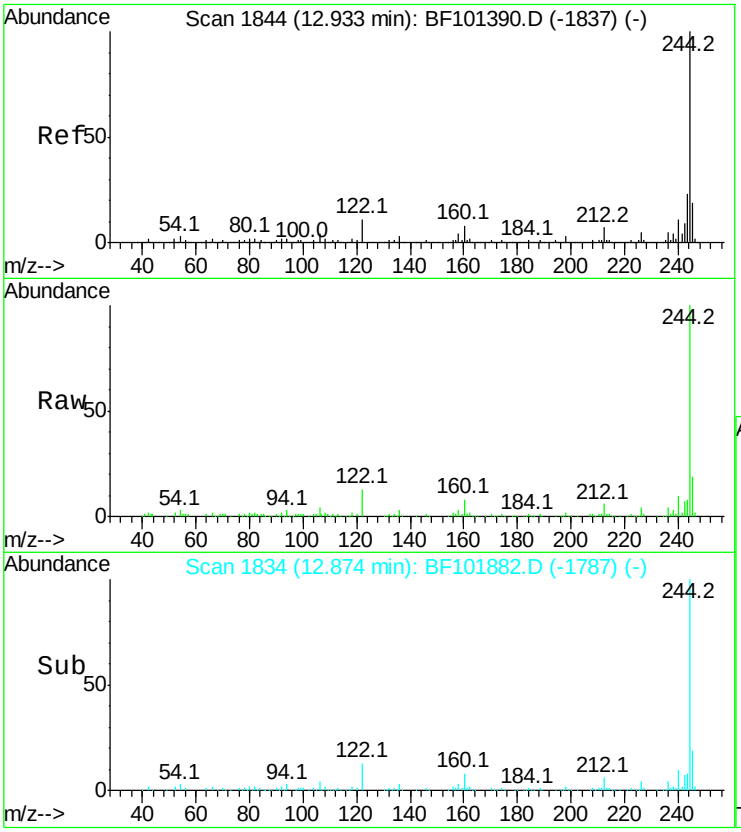


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Tgt Ion:240 Resp: 261113

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.5	20.7	31.1



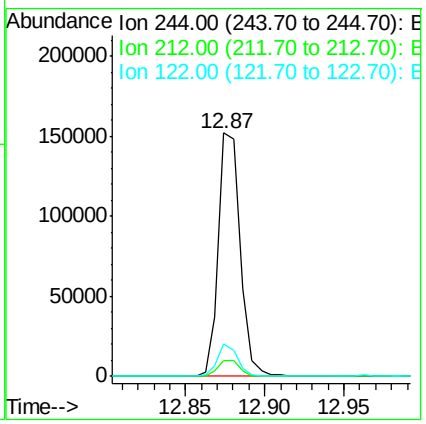


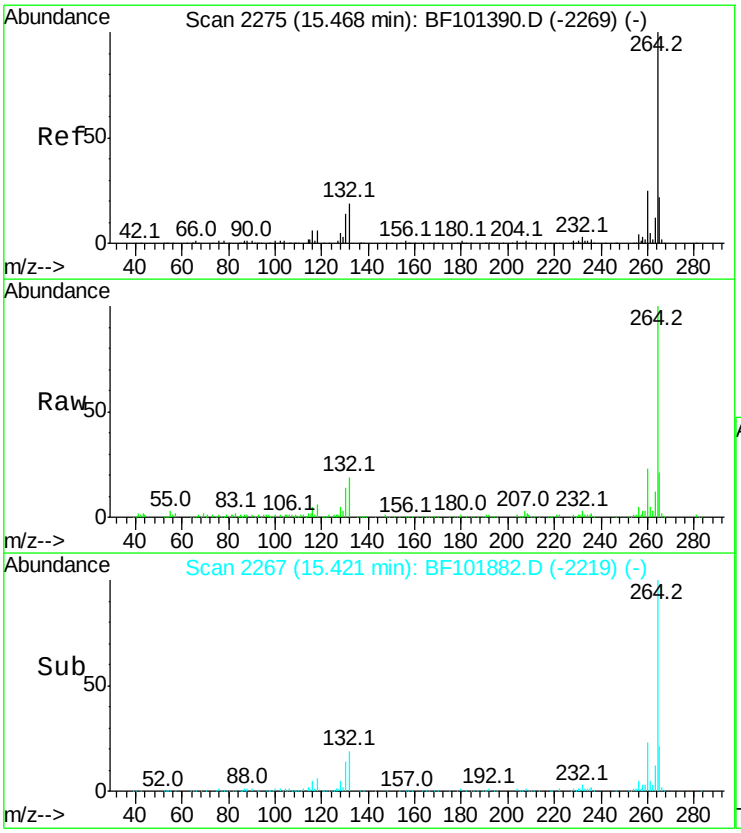
#78
Terphenyl-d14
Concen: 13.411 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:244 Resp: 145256

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	13.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Tgt Ion:264 Resp: 201834

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.9	17.5	26.3