Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101683.D
Acq On : 23 Dec 2017 5:54
Operator : SJ/JU
Sample : I6683-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-122017-B

Quant Time: Dec 24 22:43:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	159210	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	612868	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	180878	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	410853	20.00	ng	0.00
75) Chrysene-d12	13.96	240	223655	20.00	ng	0.00
86) Perylene-d12	15.43	264	98353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1216868	113.85	ng	0.02
7) Phenol-d6	6.43	99	1148979	86.38	ng	0.00
23) Nitrobenzene-d5	7.36	82	963018	87.47	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	332205	190.60	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1536653	131.79	ng	0.00
78) Terphenyl-d14	12.90	244	1159338	124.96	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.09	128	289211	9.374	ng	98

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

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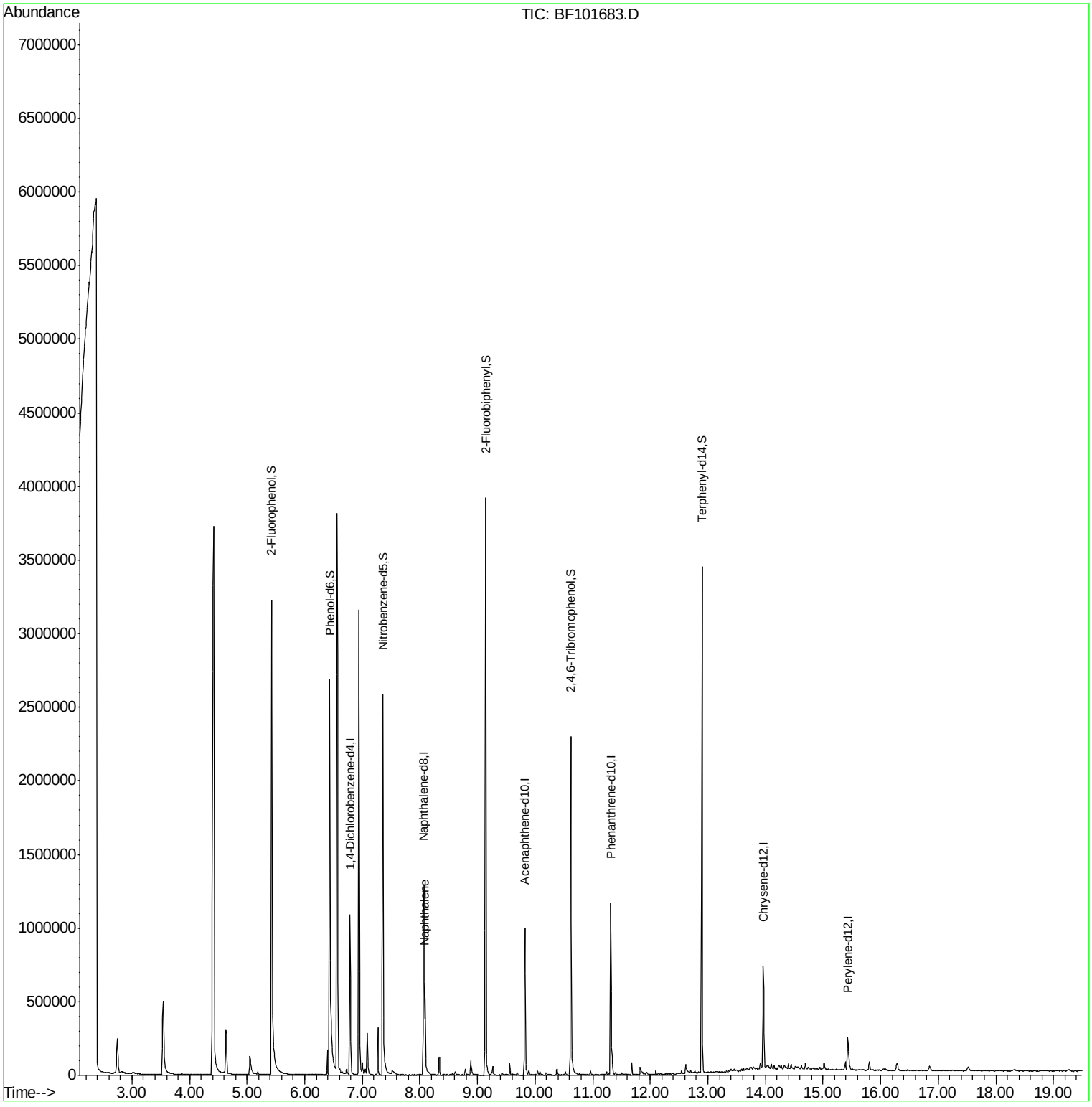
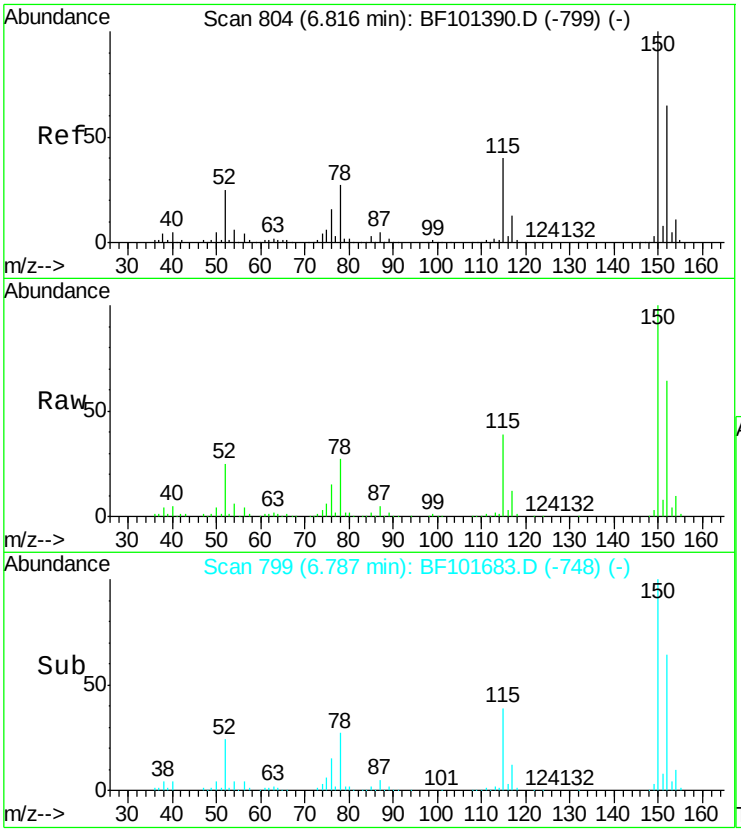


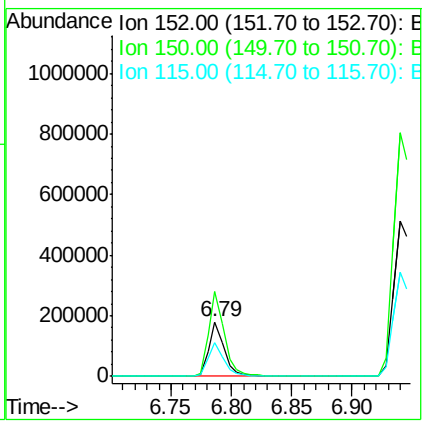


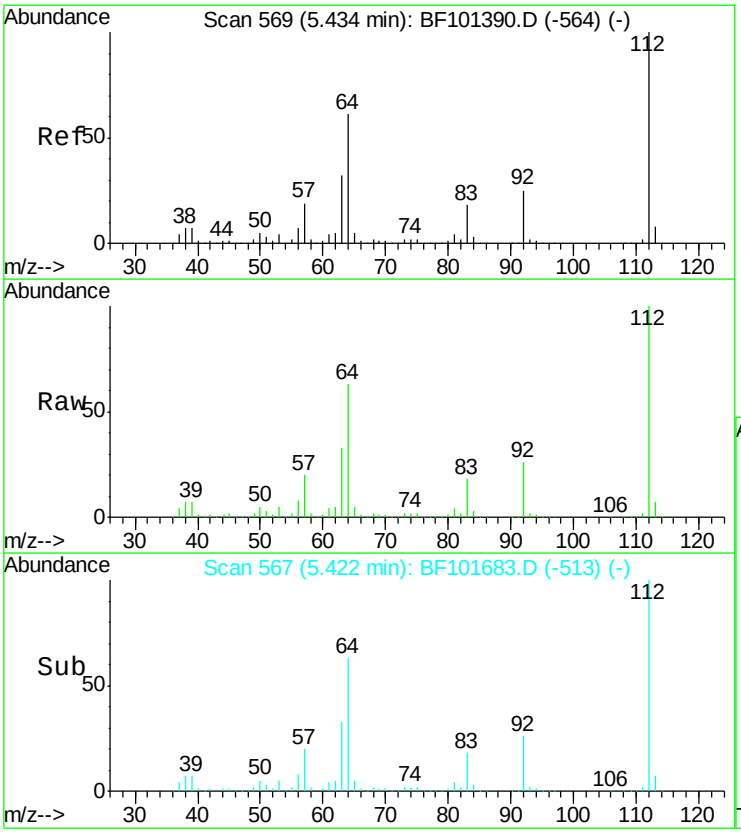
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101683.D
Acq: 23 Dec 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:152 Resp: 159210

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	60.8	50.1	75.1

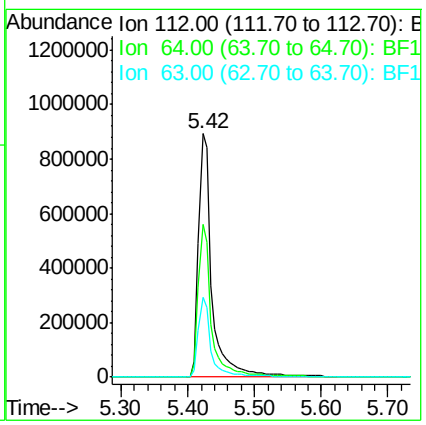


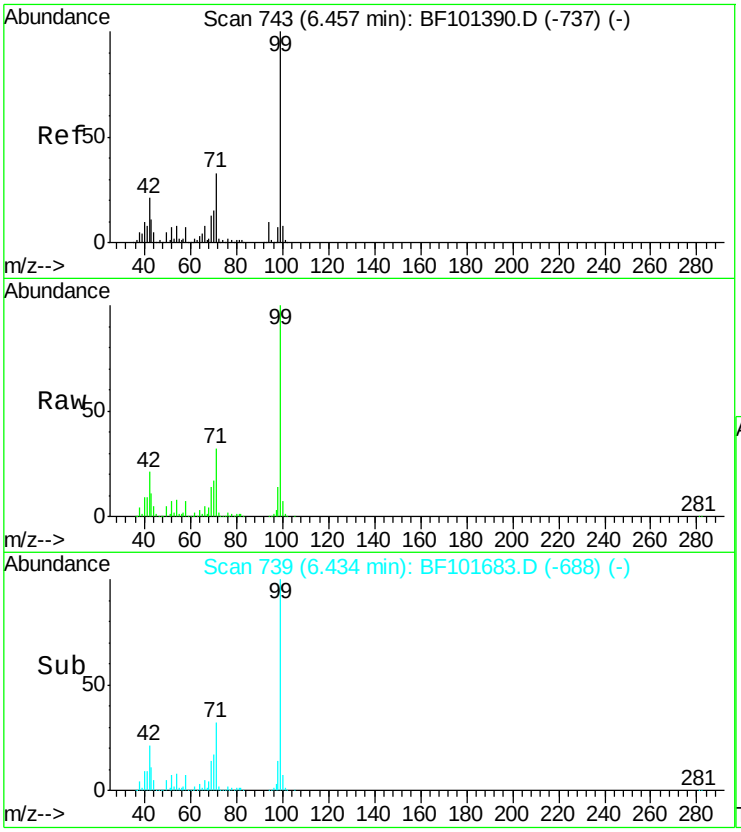


#5
2-Fluorophenol
Concen: 113.851 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101683.D
Acq: 23 Dec 2017 5:54

Tgt Ion:112 Resp: 1216868

Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	32.6	23.7	35.5



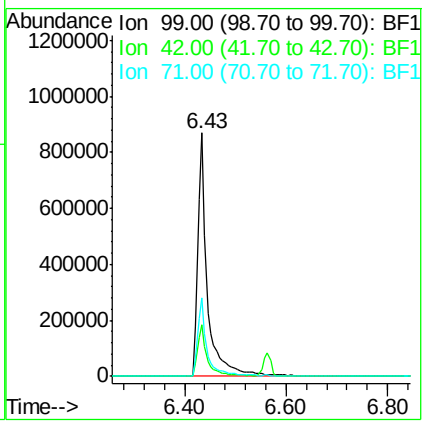


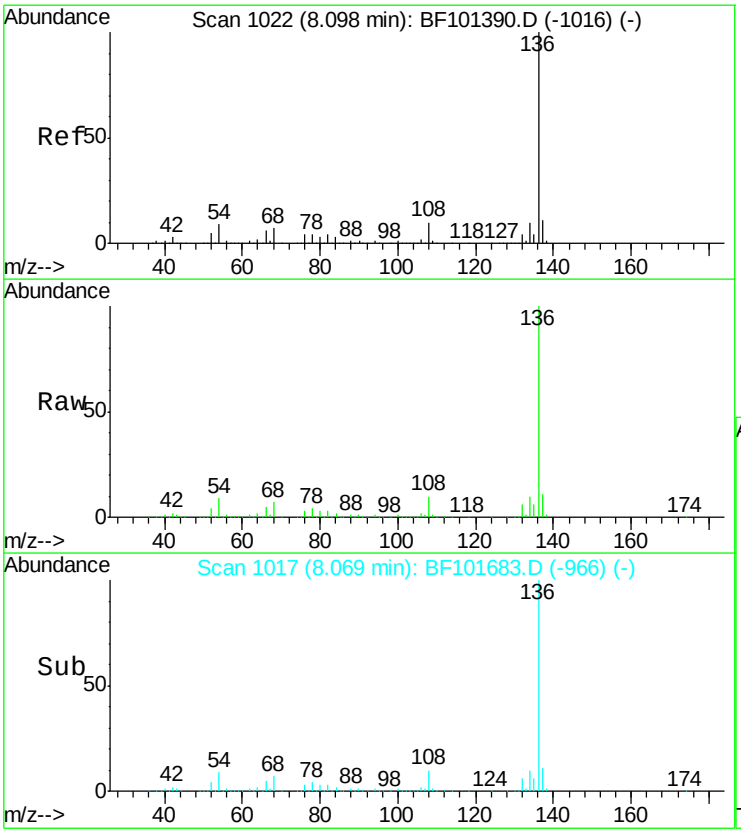
#7
Phenol-d6
Concen: 86.377 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF101683.D
Acq: 23 Dec 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion: 99 Resp: 1148979

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	32.4	25.4	38.0

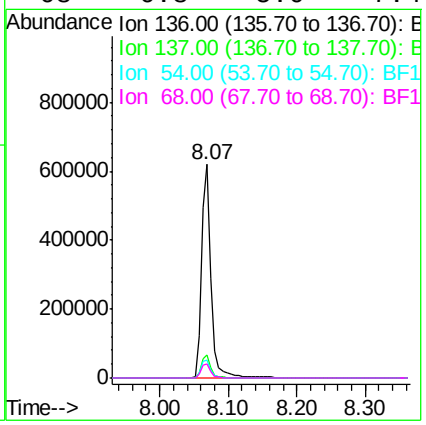


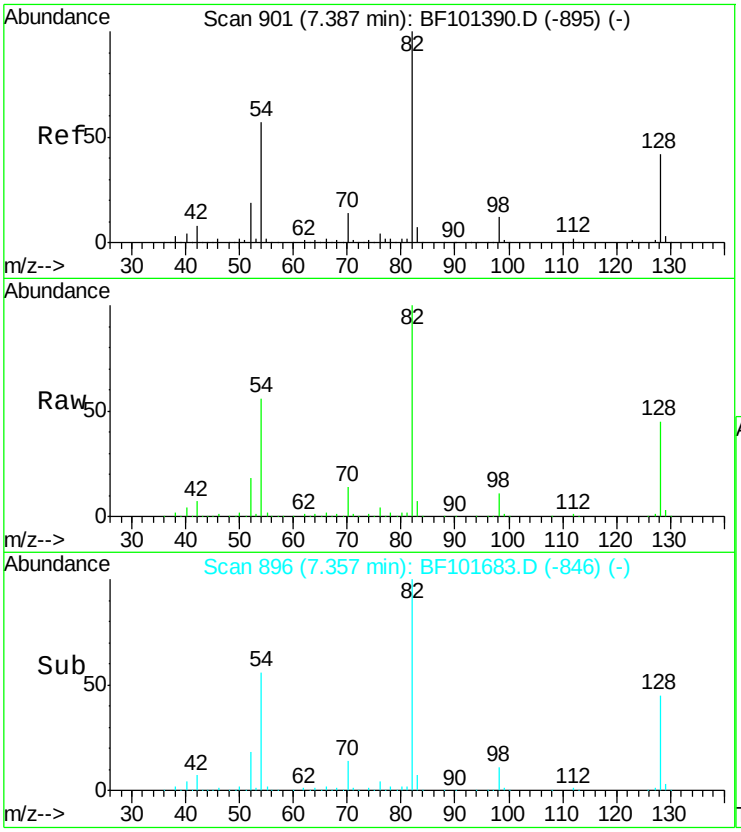


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101683.D
Acq: 23 Dec 2017 5:54

Tgt Ion:136 Resp: 612868

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.7	6.6	9.8
68	6.8	5.0	7.4



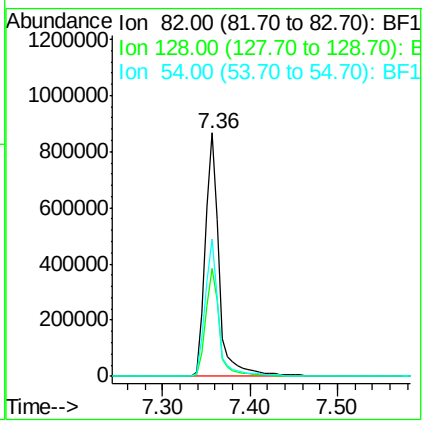


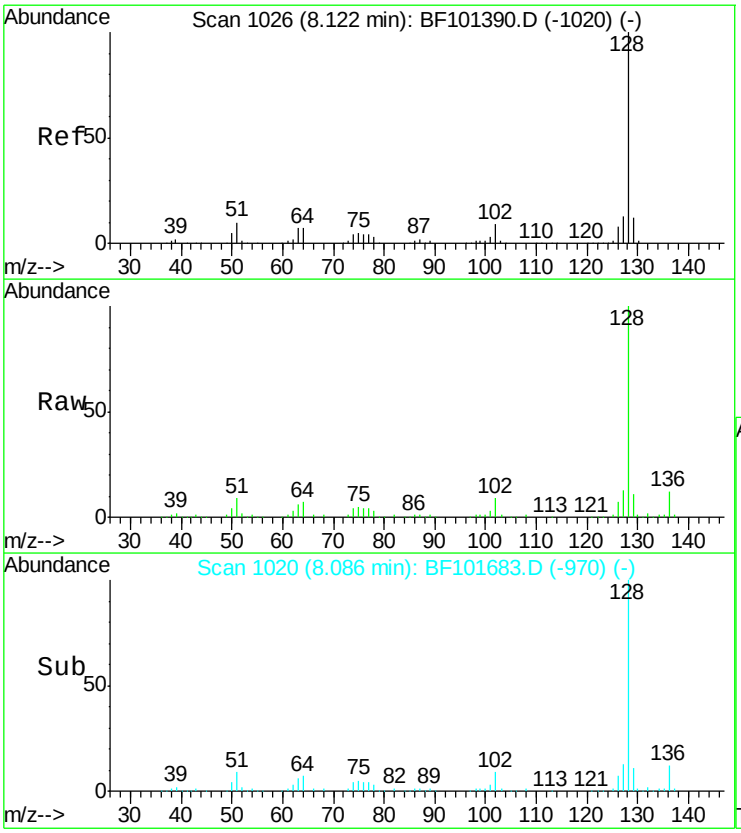
#23
Nitrobenzene-d5
Concen: 87.469 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101683.D
Acq: 23 Dec 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion: 82 Resp: 963018

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	56.2	41.4	62.2

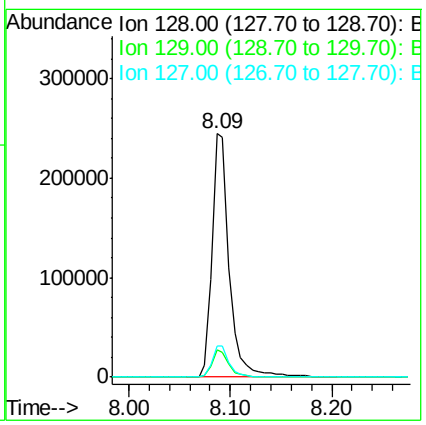


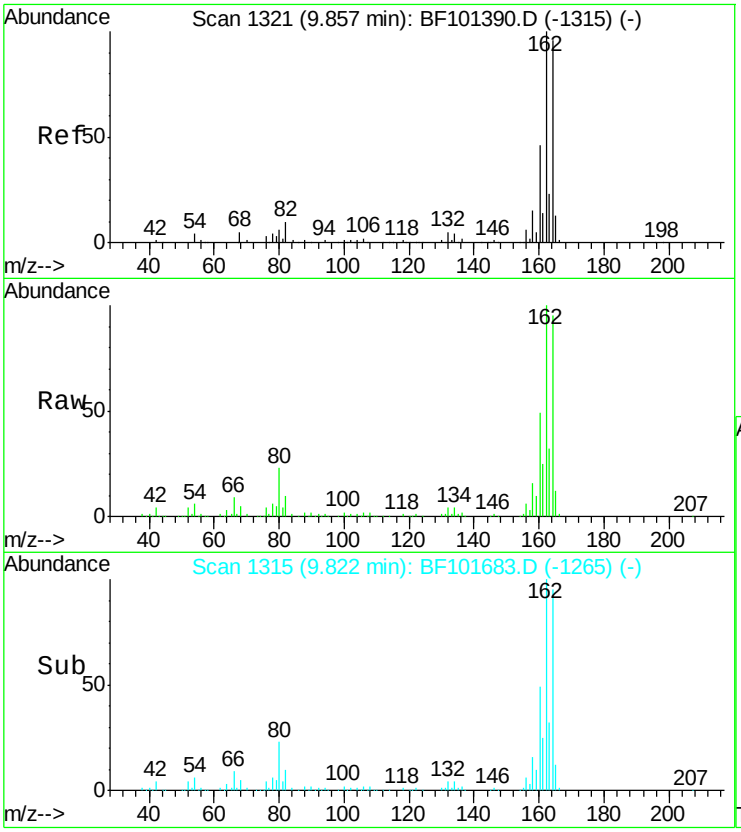


#31
Naphthalene
Concen: 9.374 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF101683.D
Acq: 23 Dec 2017 5:54

Tgt Ion:128 Resp: 289211

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.7	10.9	16.3



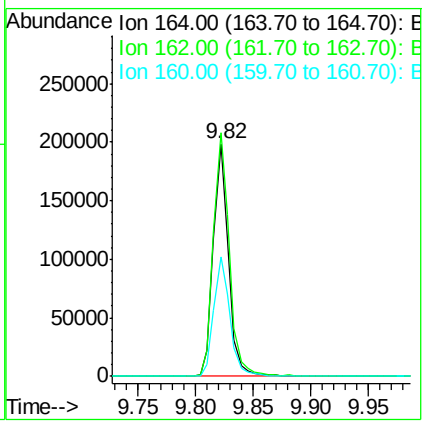


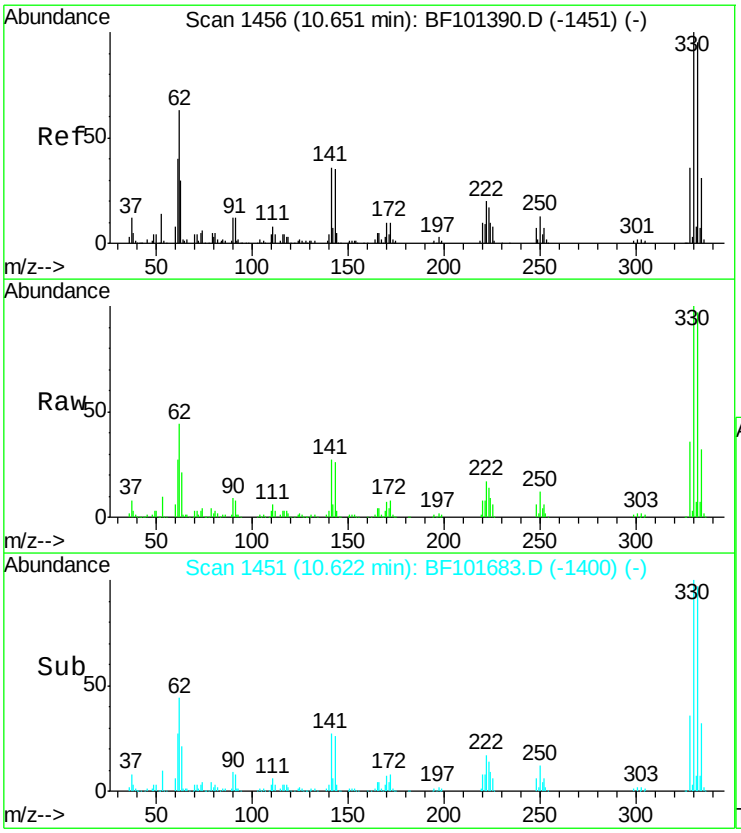
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101683.D
Acq: 23 Dec 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:164 Resp: 180878

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	51.7	38.3	57.5

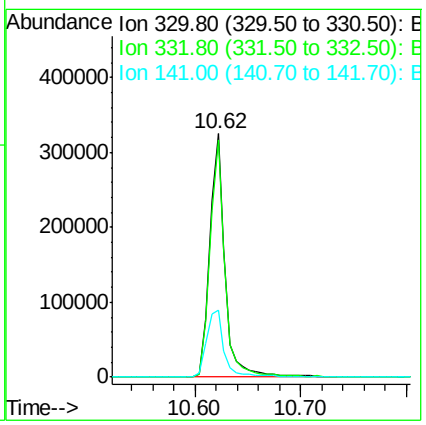


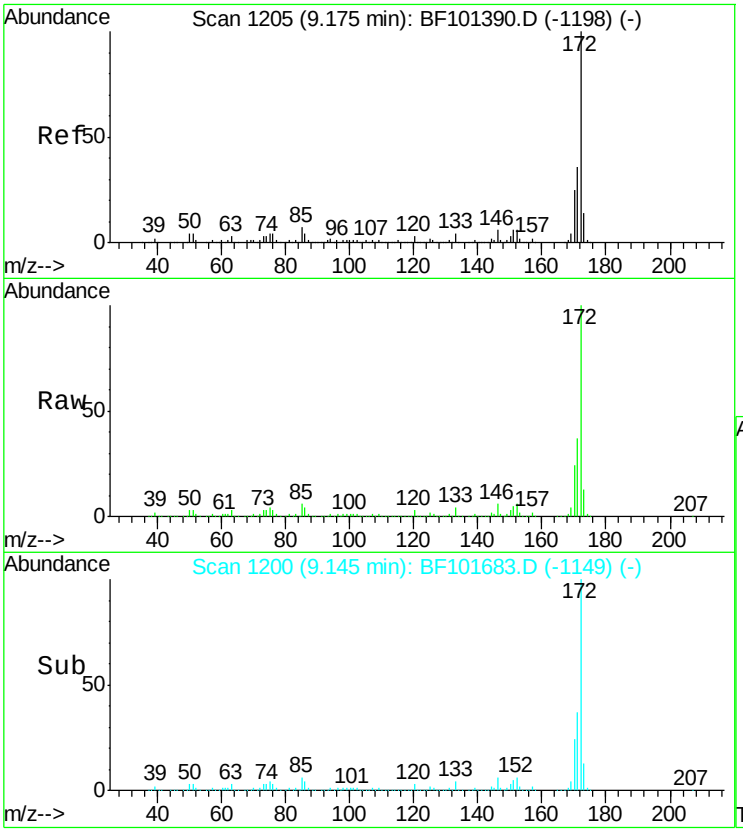


#41
2,4,6-Tribromophenol
Concen: 190.605 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101683.D
Acq: 23 Dec 2017 5:54

Tgt Ion:330 Resp: 332205

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	31.5	29.9	44.9



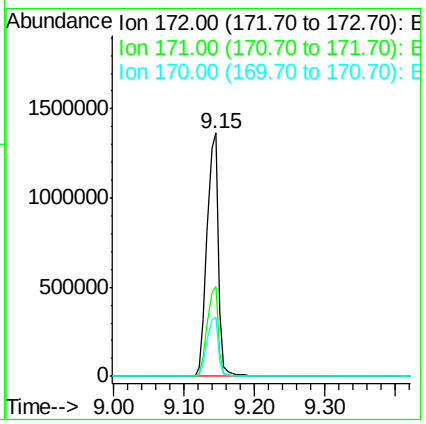


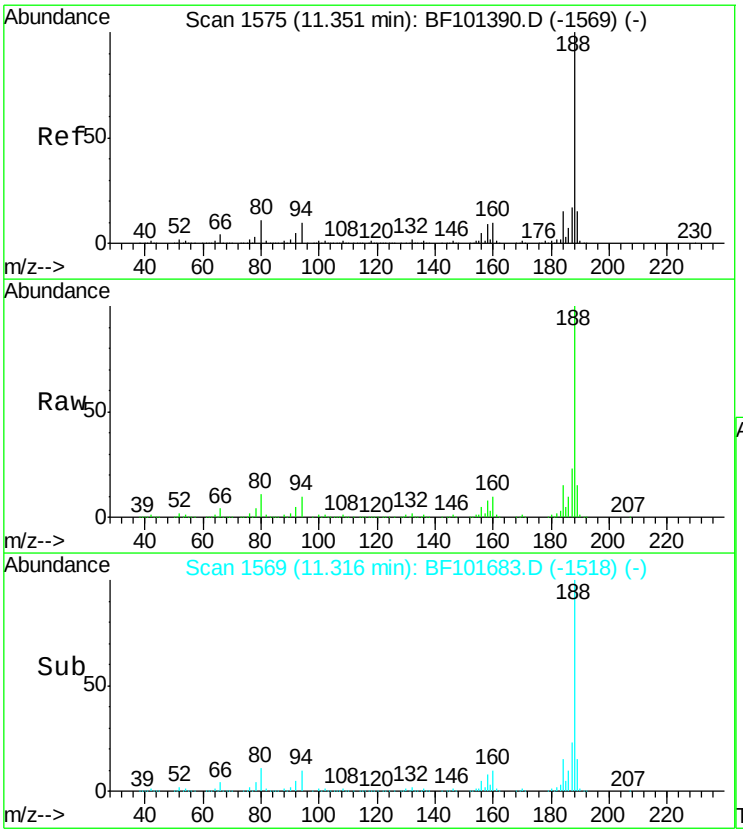
#44
2-Fluorobiphenyl
Concen: 131.786 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF101683.D
Acq: 23 Dec 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:172 Resp: 1536653

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.3	19.6	29.4

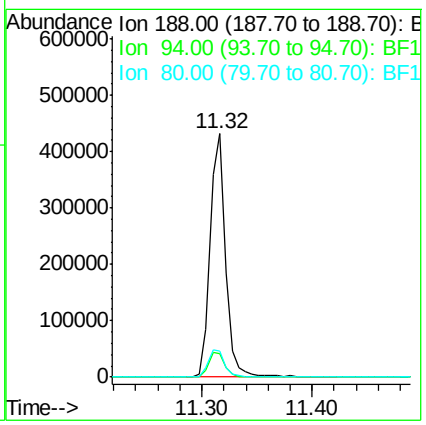


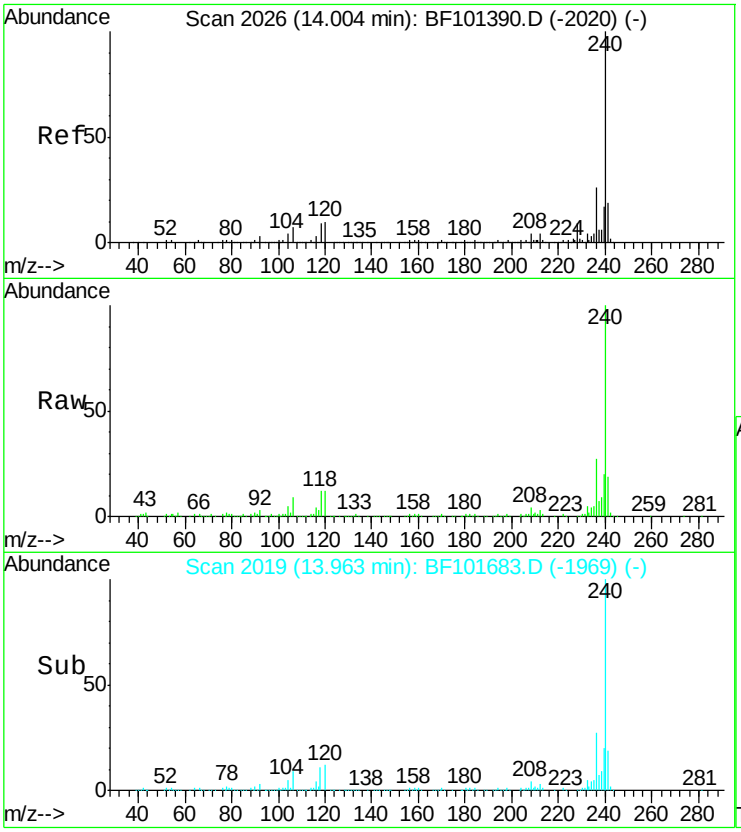


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101683.D
Acq: 23 Dec 2017 5:54

Tgt Ion:188 Resp: 410853

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.6	9.2	13.8



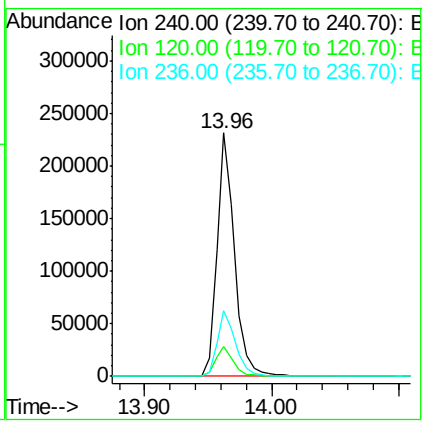


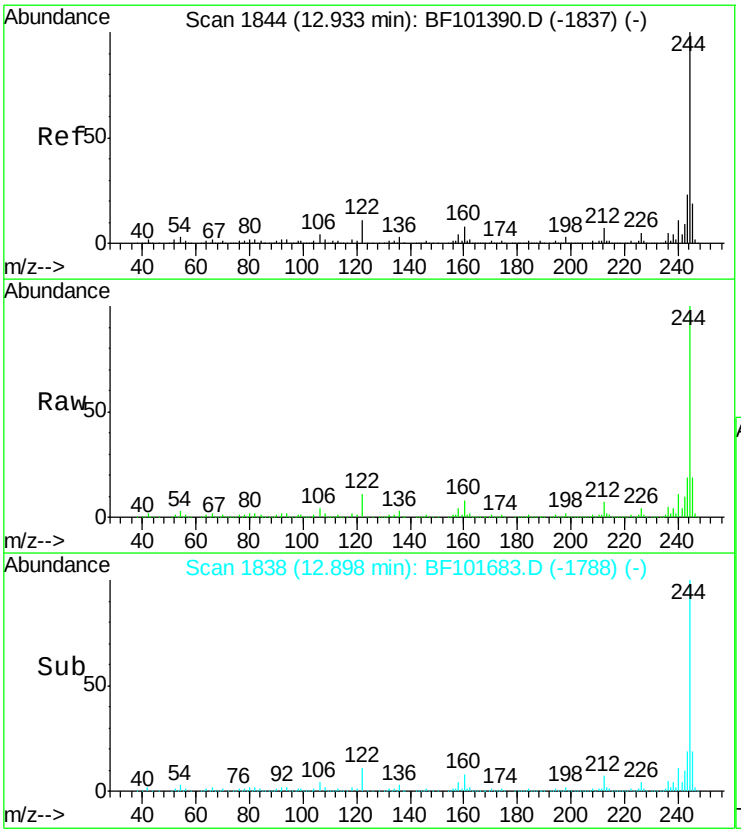
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101683.D
Acq: 23 Dec 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:240 Resp: 223655

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.5	14.3
236	26.8	20.7	31.1

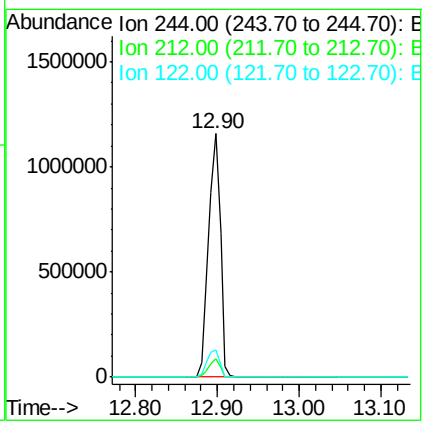


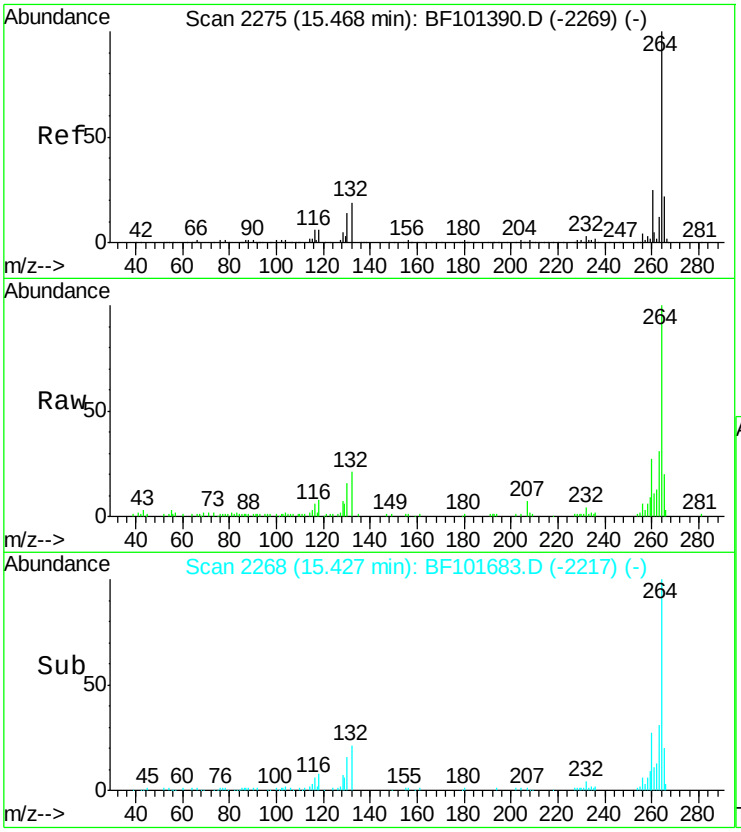


#78
Terphenyl-d14
Concen: 124.965 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF101683.D
Acq: 23 Dec 2017 5:54

Tgt Ion:244 Resp: 1159338

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101683.D
Acq: 23 Dec 2017 5:54

Instrument :
BNA_F
ClientSampleId :
EO-02-122017-B

Tgt Ion:264 Resp: 98353

Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.2	28.8
265	20.3	17.5	26.3