Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101684.D
Acq On : 23 Dec 2017 6:21
Operator : SJ/JU
Sample : I6683-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Dec 24 22:45:52 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	146355	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	574391	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	247116	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	441710	20.00	ng	0.00
75) Chrysene-d12	13.96	240	304185	20.00	ng	0.00
86) Perylene-d12	15.43	264	245849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1089491	110.89	ng	0.02
7) Phenol-d6	6.43	99	1255299	102.66	ng	0.00
23) Nitrobenzene-d5	7.36	82	841090	81.51	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	299161	125.64	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1379766	86.61	ng	0.00
78) Terphenyl-d14	12.90	244	1199448	95.06	ng	0.00
Target Compounds						Qvalue

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

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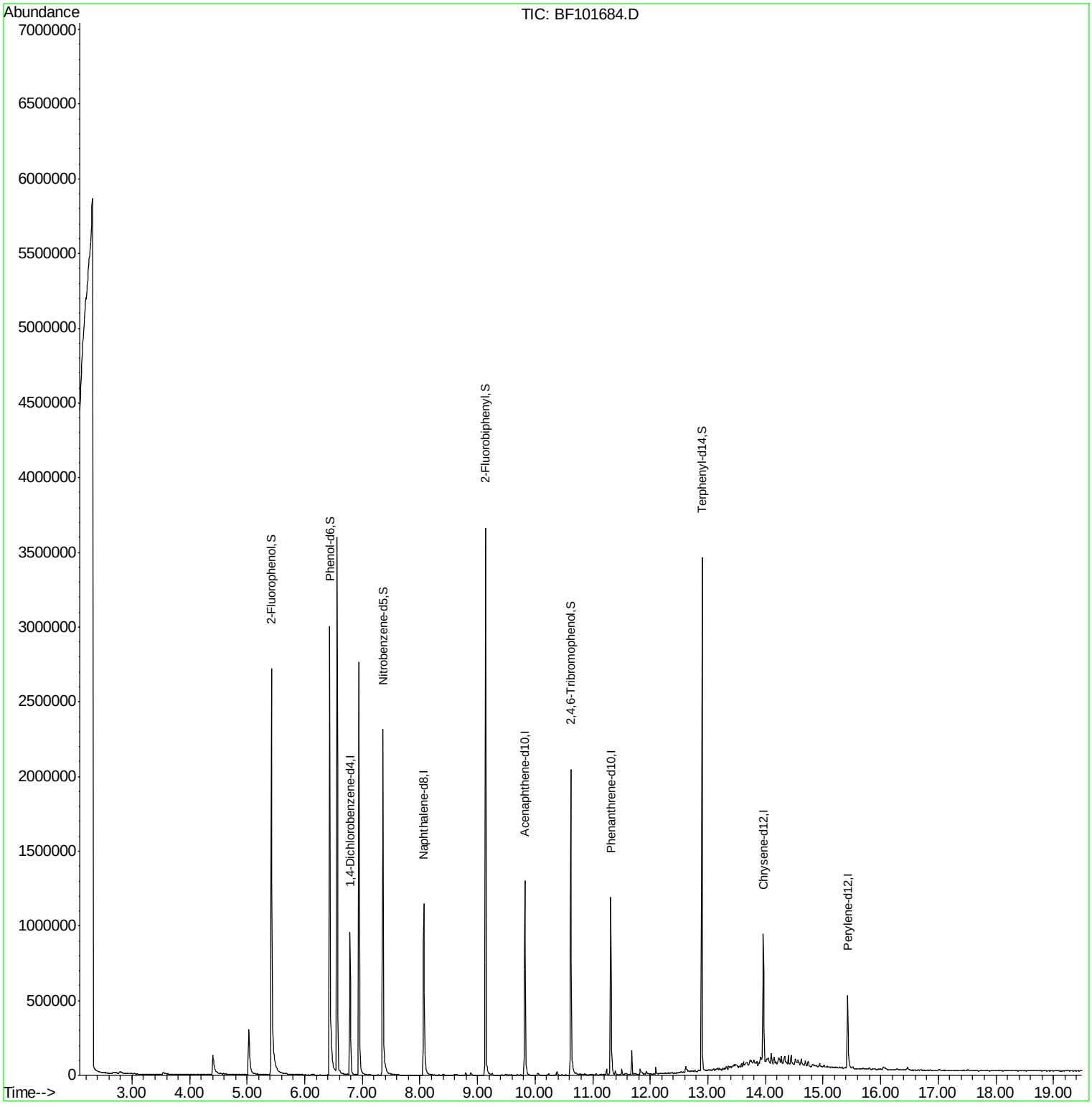
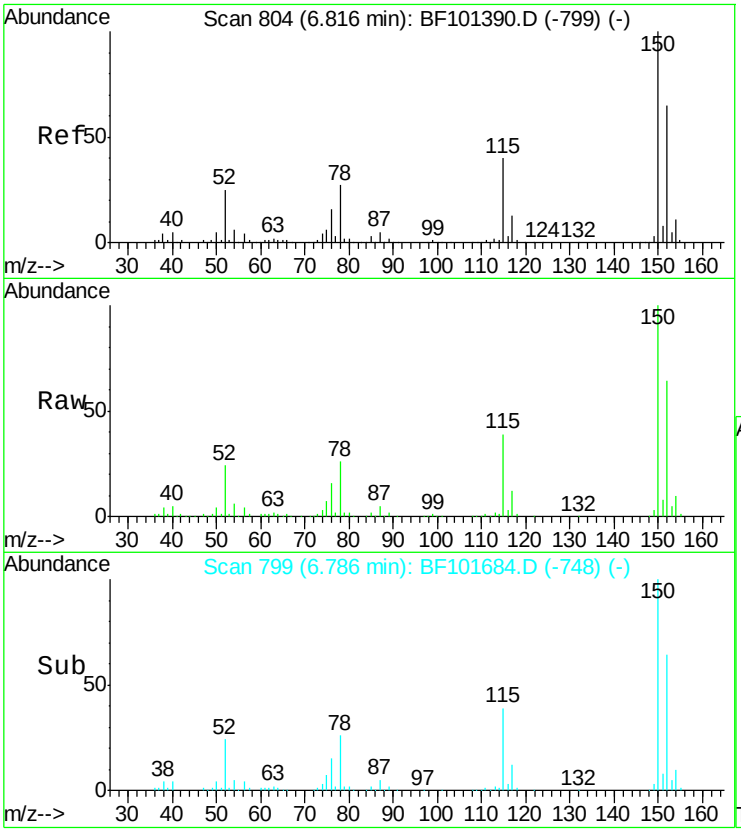


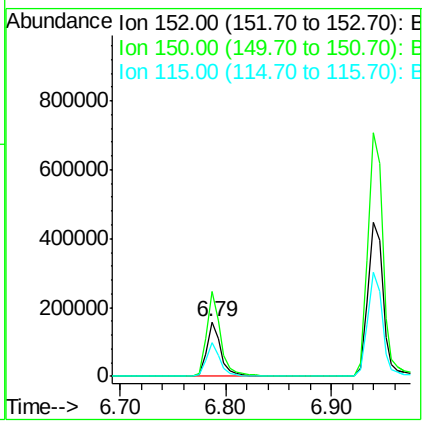


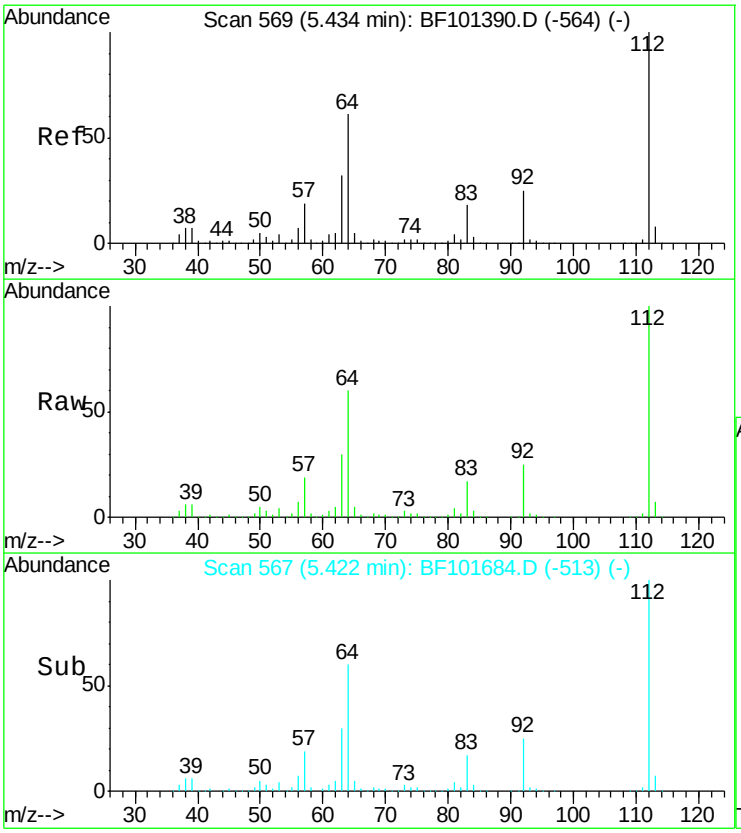
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101684.D
Acq: 23 Dec 2017 6:21

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

Tgt Ion:152 Resp: 146355

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	61.9	50.1	75.1

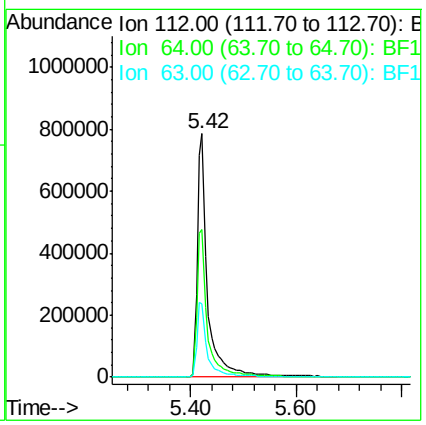


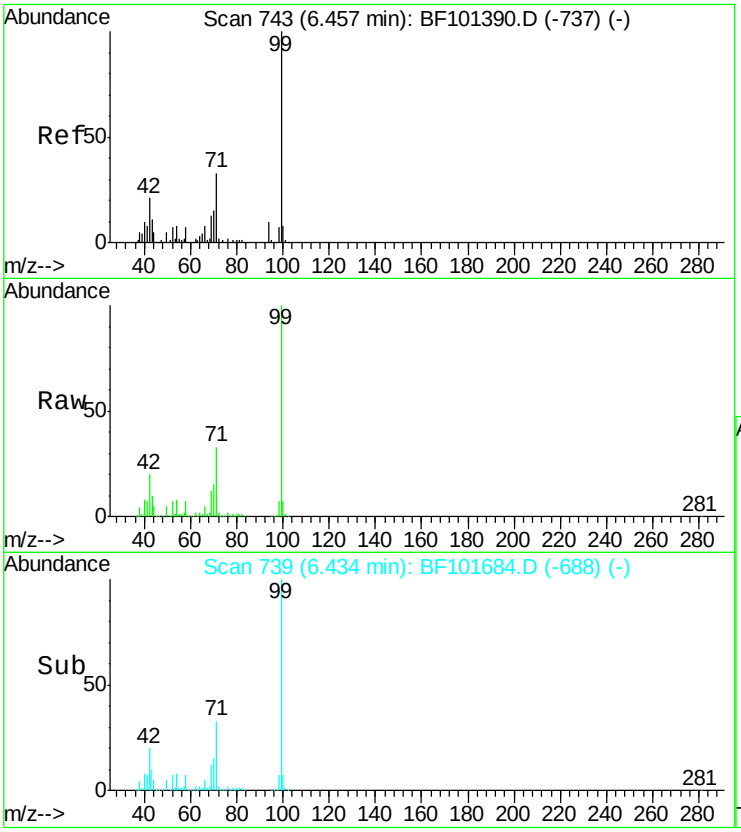


#5
2-Fluorophenol
Concen: 110.887 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101684.D
Acq: 23 Dec 2017 6:21

Tgt Ion:112 Resp: 1089491

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	30.4	23.7	35.5



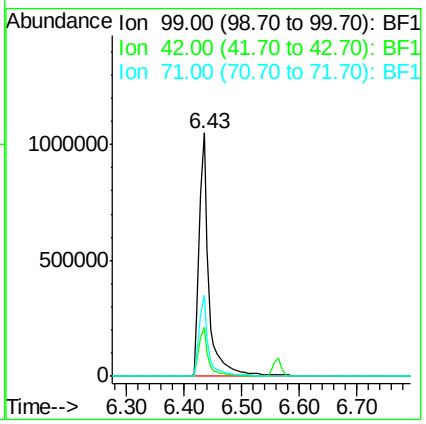


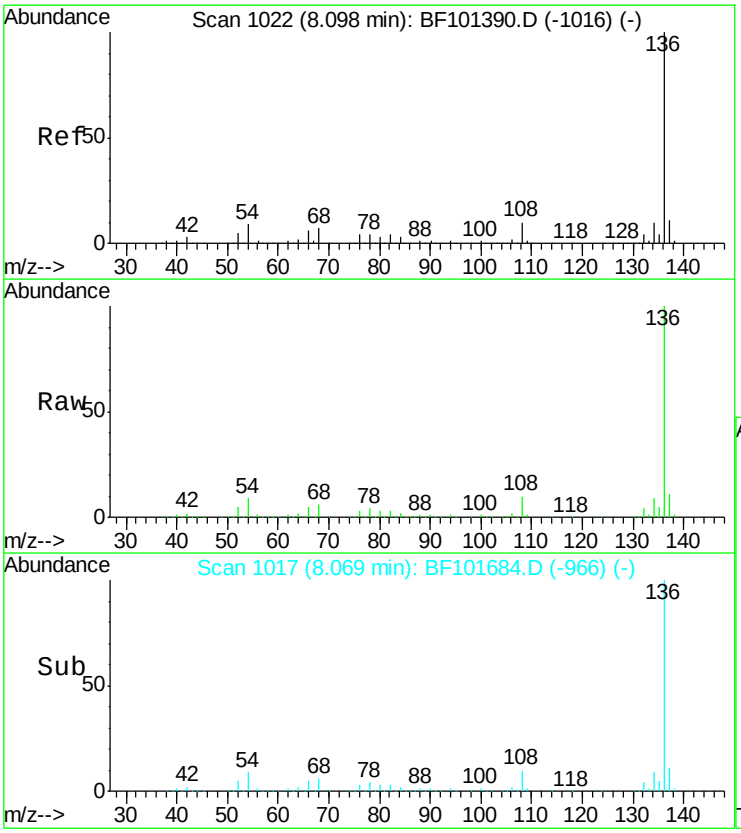
#7
Phenol-d6
Concen: 102.658 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF101684.D
Acq: 23 Dec 2017 6:21

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

Tgt Ion: 99 Resp: 1255299

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	33.4	25.4	38.0

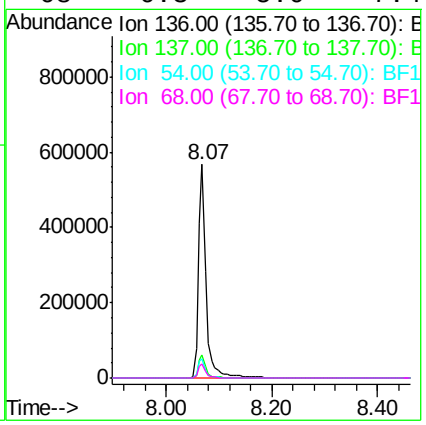


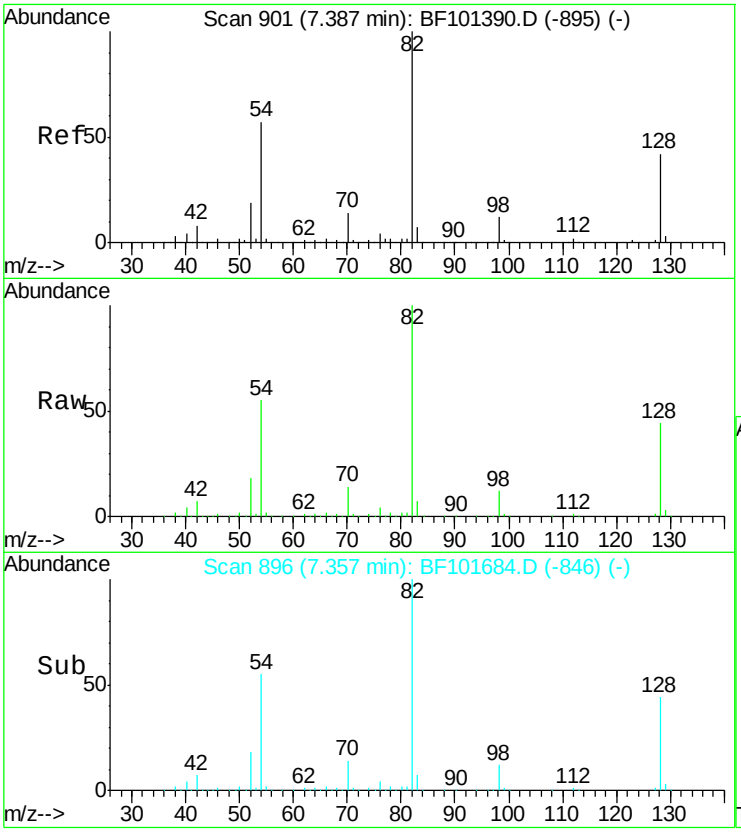


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101684.D
Acq: 23 Dec 2017 6:21

Tgt Ion:136 Resp: 574391

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	6.6	9.8
68	6.3	5.0	7.4



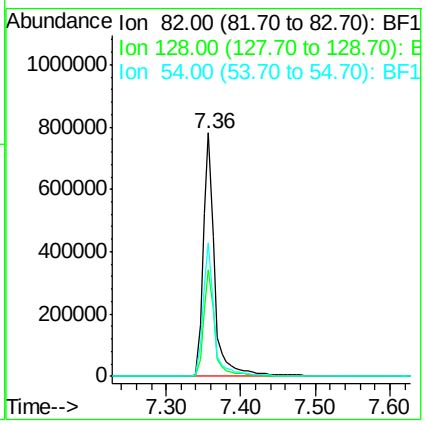


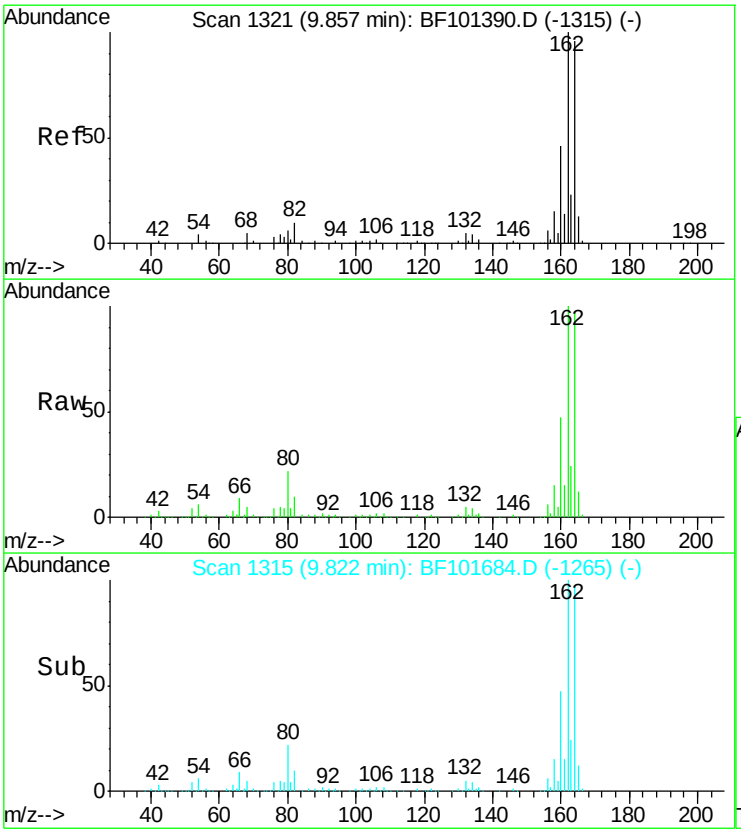
#23
Nitrobenzene-d5
Concen: 81.512 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101684.D
Acq: 23 Dec 2017 6:21

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

Tgt Ion: 82 Resp: 841090

Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	55.1	41.4	62.2

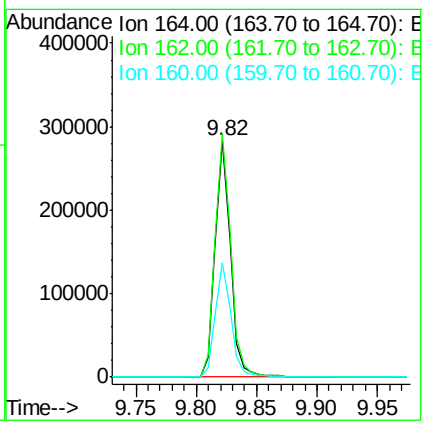


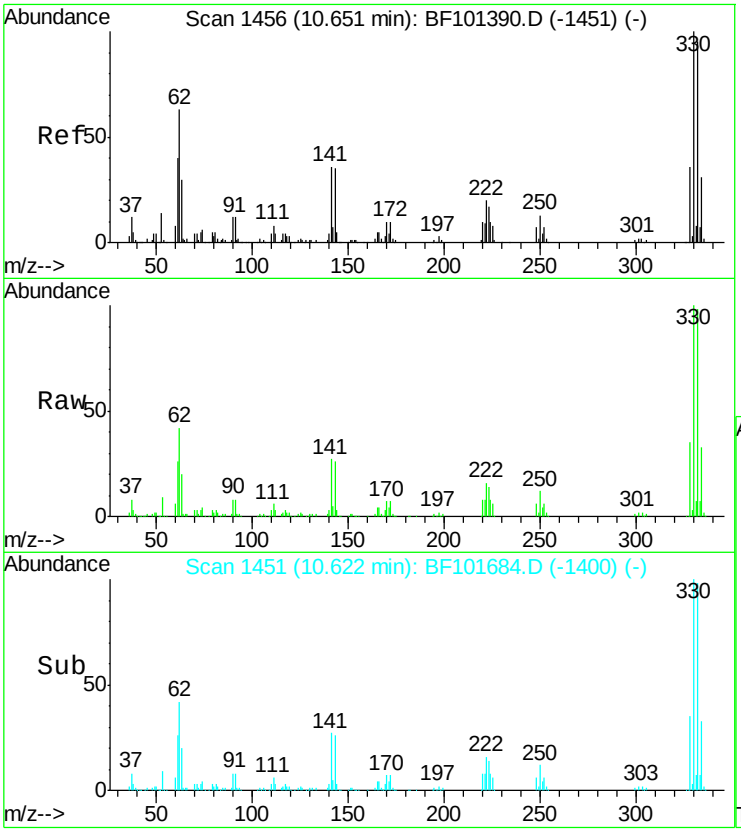


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101684.D
Acq: 23 Dec 2017 6:21

Tgt Ion:164 Resp: 247116

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	48.3	38.3	57.5



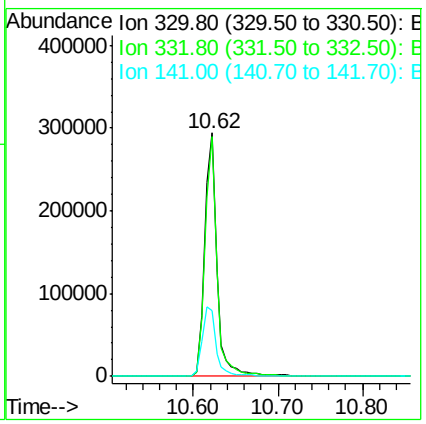


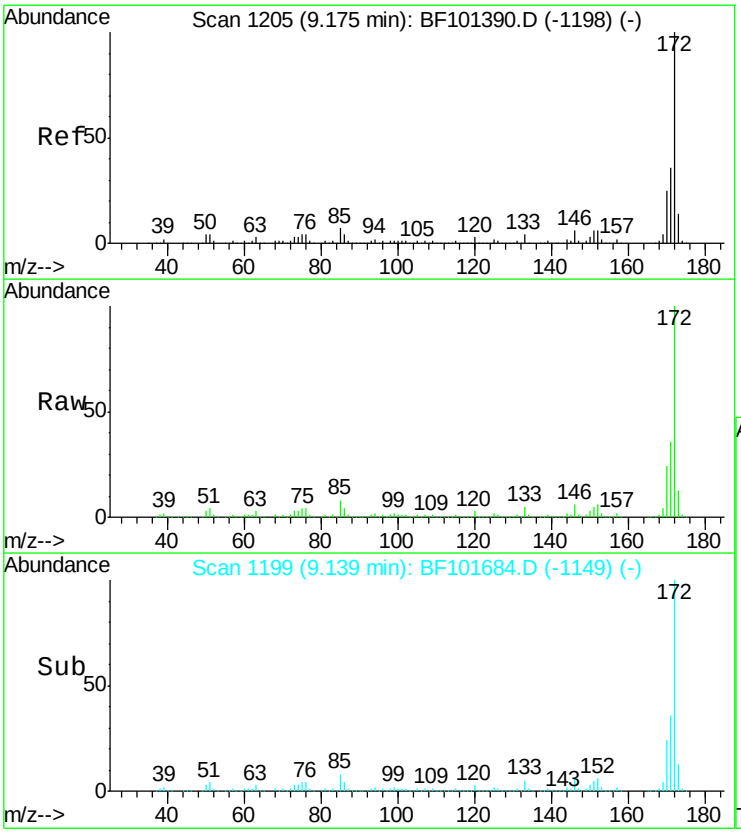
#41
2,4,6-Tribromophenol
Concen: 125.637 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101684.D
Acq: 23 Dec 2017 6:21

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

Tgt Ion:330 Resp: 299161

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.2	29.9	44.9

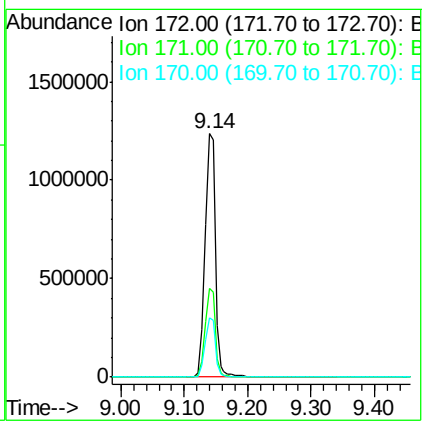


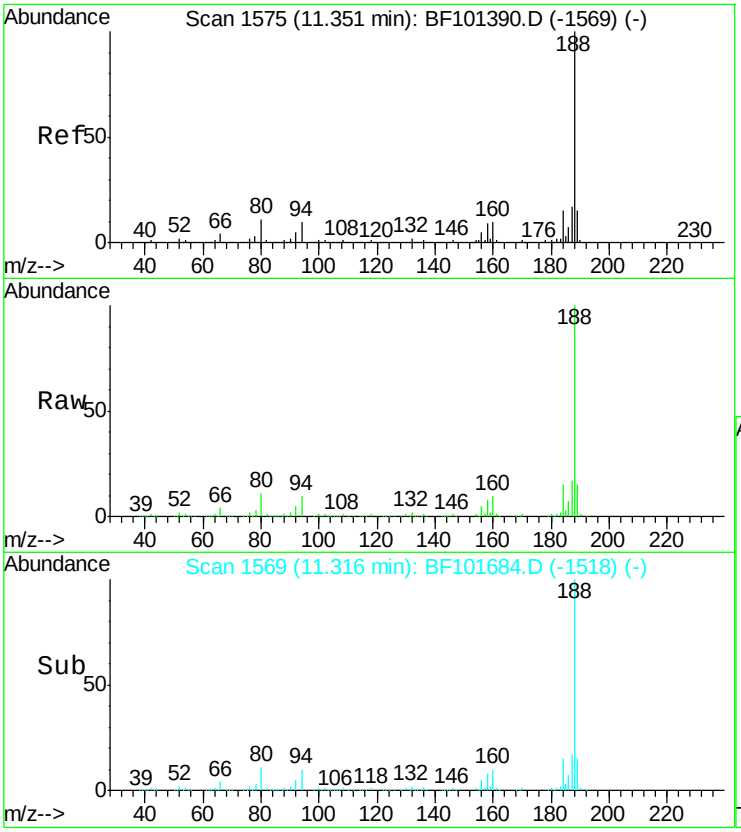


#44
2-Fluorobiphenyl
Concen: 86.613 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101684.D
Acq: 23 Dec 2017 6:21

Tgt Ion:172 Resp: 1379766

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



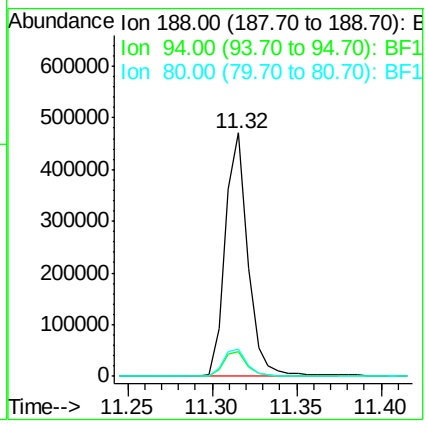


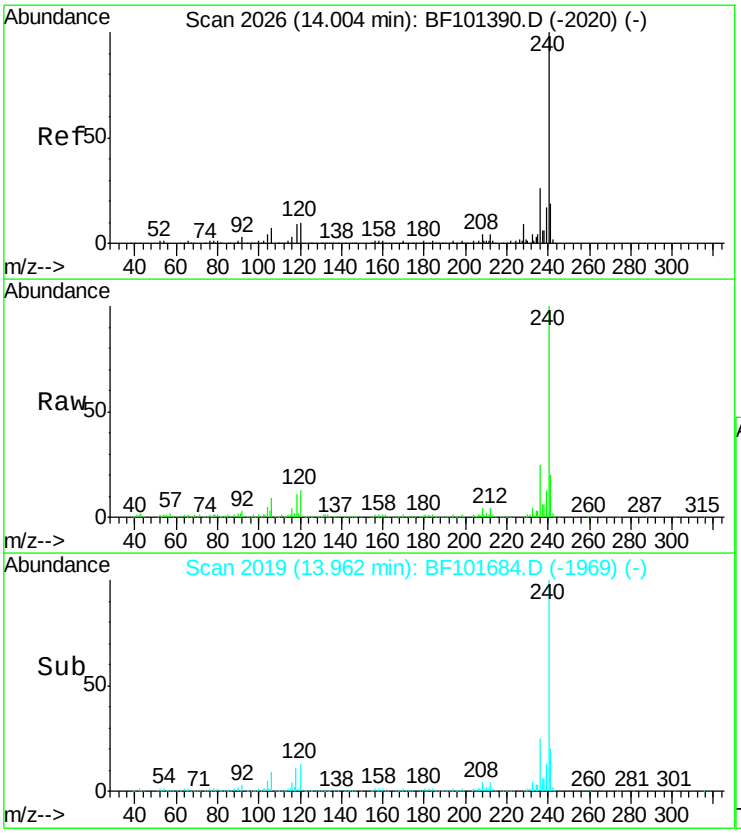
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101684.D
Acq: 23 Dec 2017 6:21

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

Tgt Ion:188 Resp: 441710

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.0	9.2	13.8

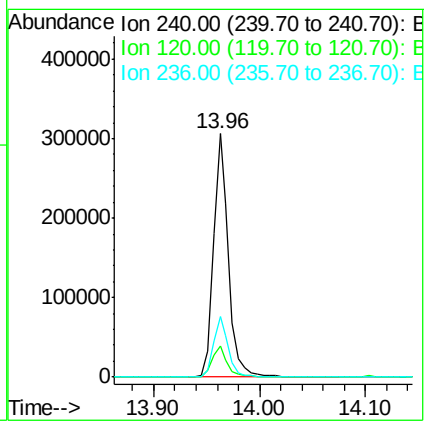


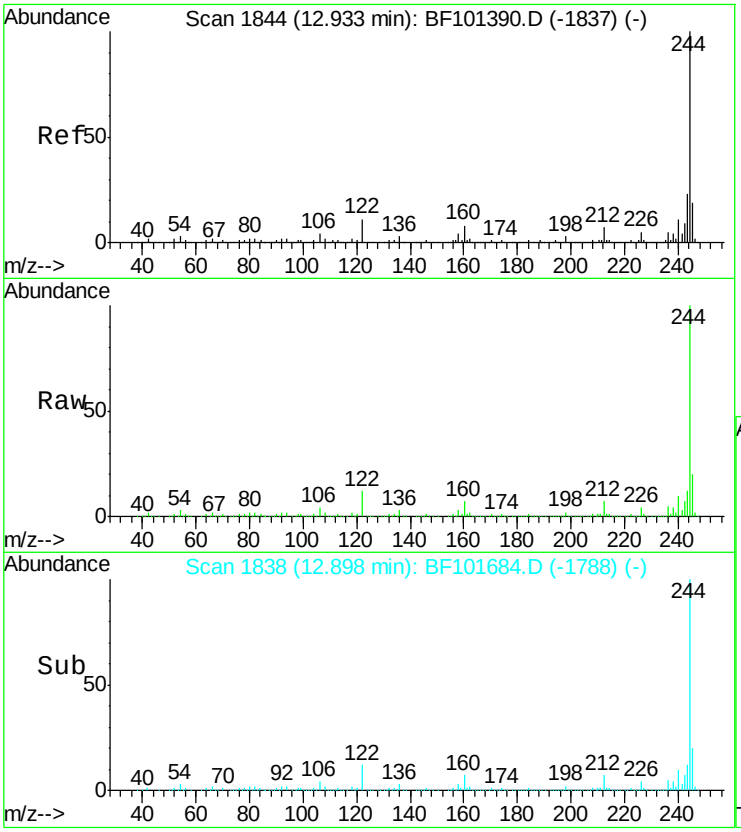


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101684.D
Acq: 23 Dec 2017 6:21

Tgt Ion:240 Resp: 304185

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	24.9	20.7	31.1



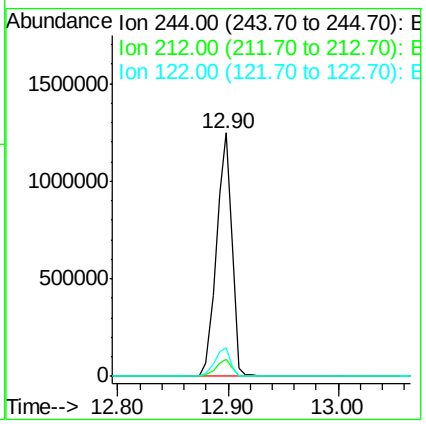


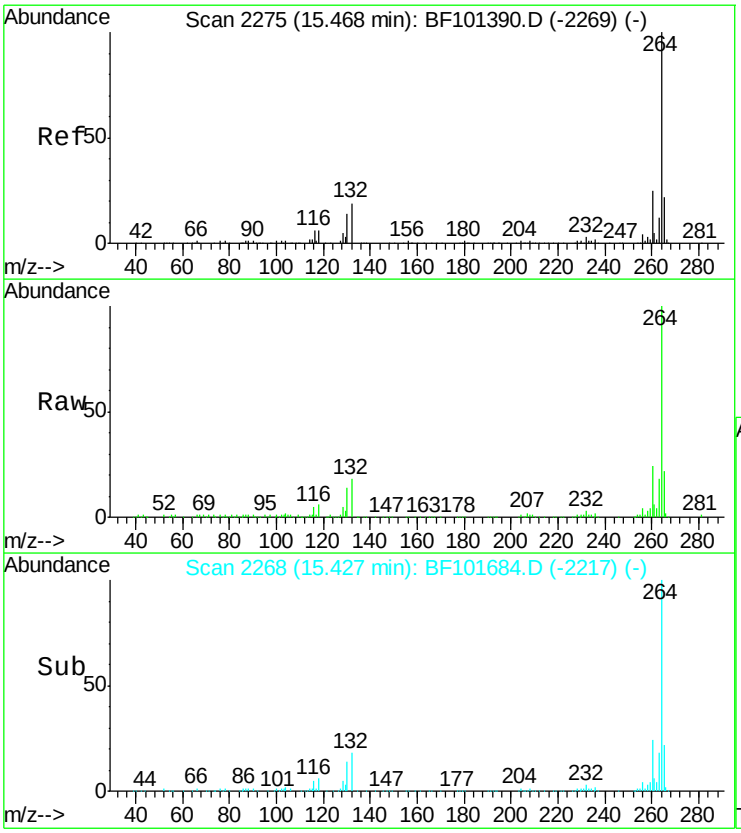
#78
Terphenyl-d14
Concen: 95.060 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF101684.D
Acq: 23 Dec 2017 6:21

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

Tgt Ion:244 Resp: 1199448

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.5	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: BF101684.D
Acq: 23 Dec 2017 6:21

Tgt Ion:264 Resp: 245849

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	17.5	26.3