Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
Data File : BF098951.D
Acq On : 29 Sep 2017 16:41
Operator : SJ/JU
Sample : I5450-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170668-A-C-9

Quant Time: Sep 29 17:35:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	131839	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	556352	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	247844	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	404071	20.00	ng	0.00
75) Chrysene-d12	14.08	240	213531	20.00	ng	0.00
86) Perylene-d12	15.57	264	207576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	874322	105.57	ng	0.00
7) Phenol-d6	6.54	99	957878	93.76	ng	0.00
23) Nitrobenzene-d5	7.47	82	819729	94.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	220876	108.91	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1428788	96.24	ng	0.00
78) Terphenyl-d14	13.03	244	965990	102.88	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	41119	2.198	ng	98

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

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BNA_F
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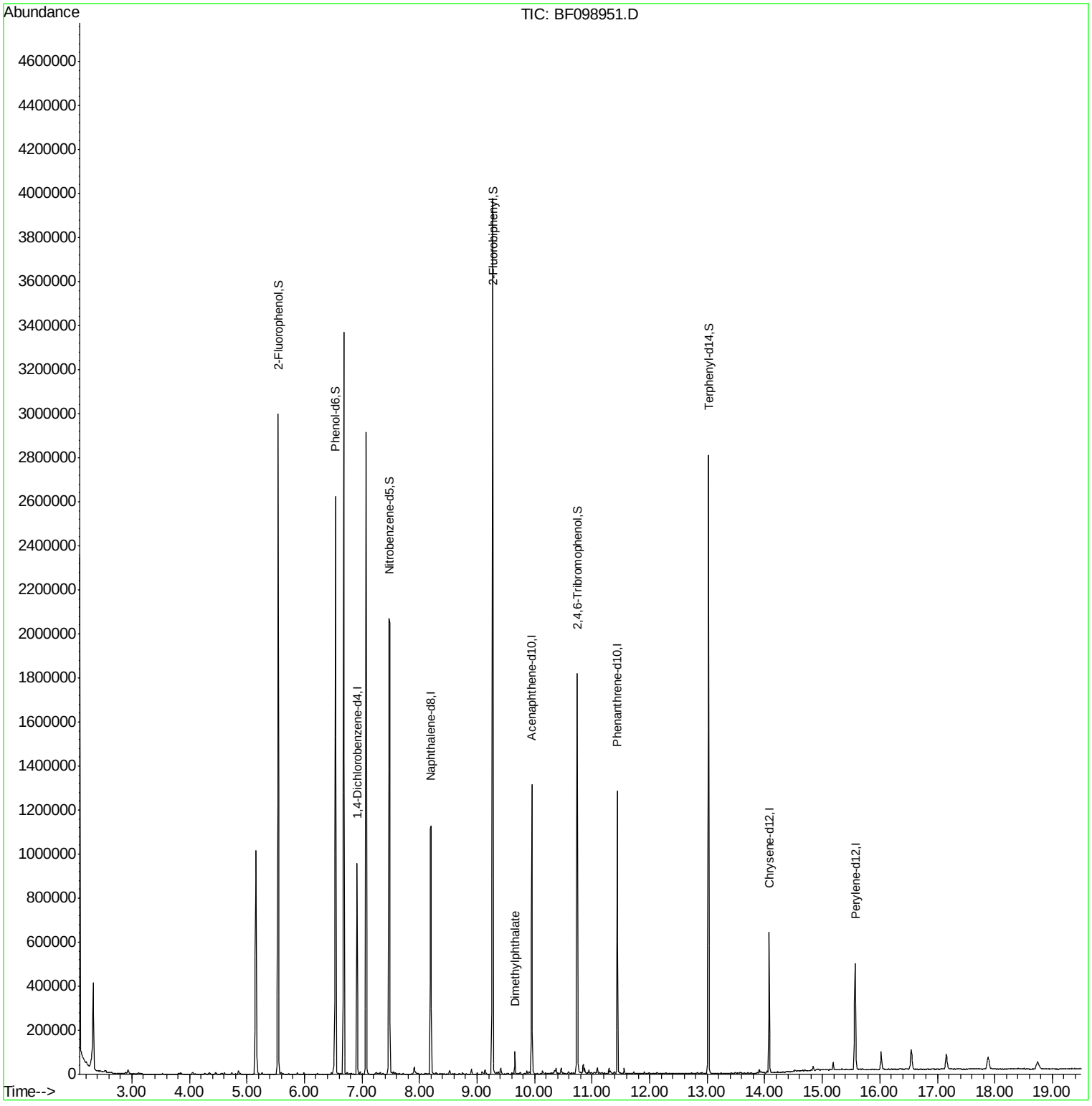
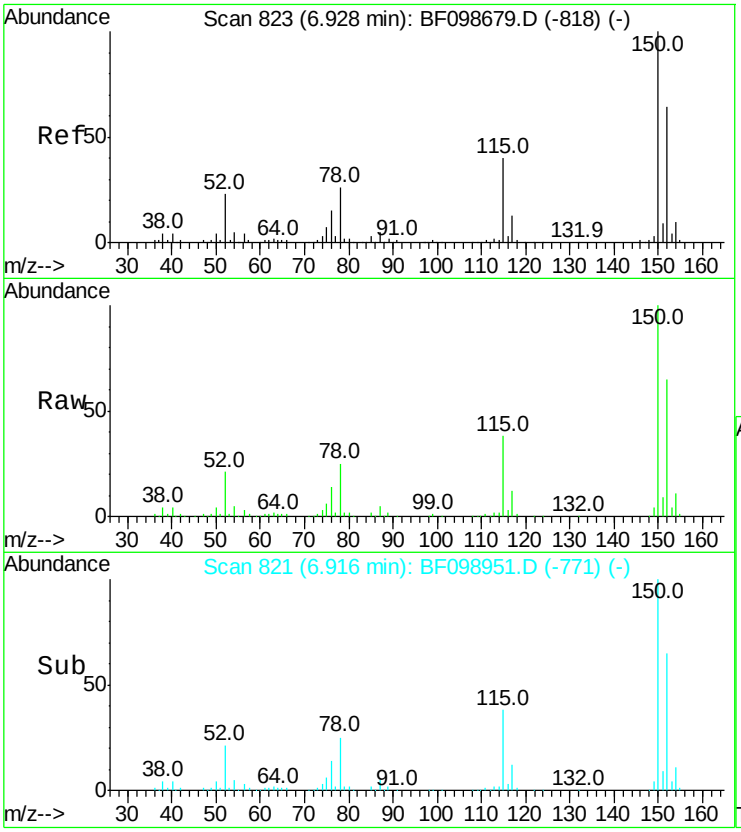


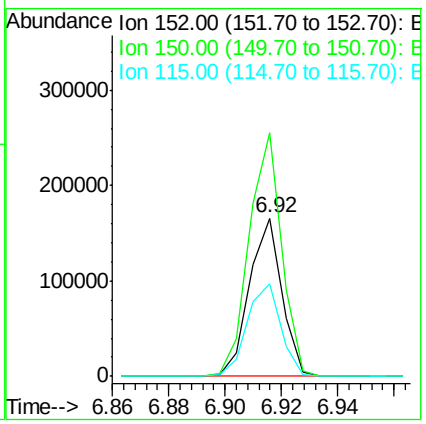


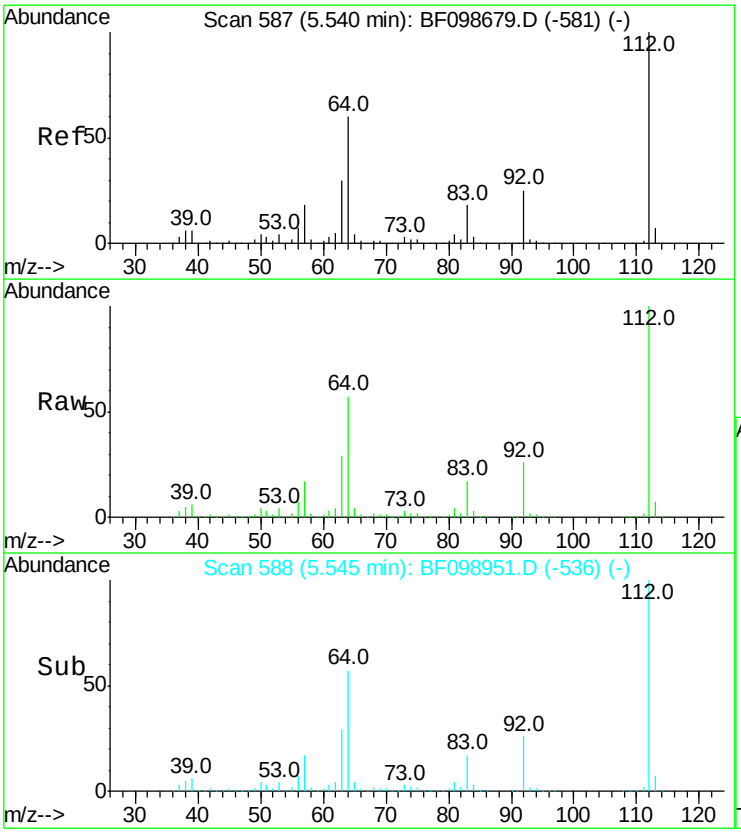
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Instrument :
BNA_F
ClientSampleId :
20170668-A-C-9

Tgt Ion:152 Resp: 131839

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	58.7	50.1	75.1

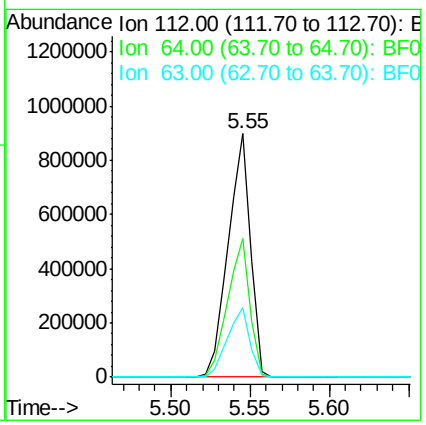


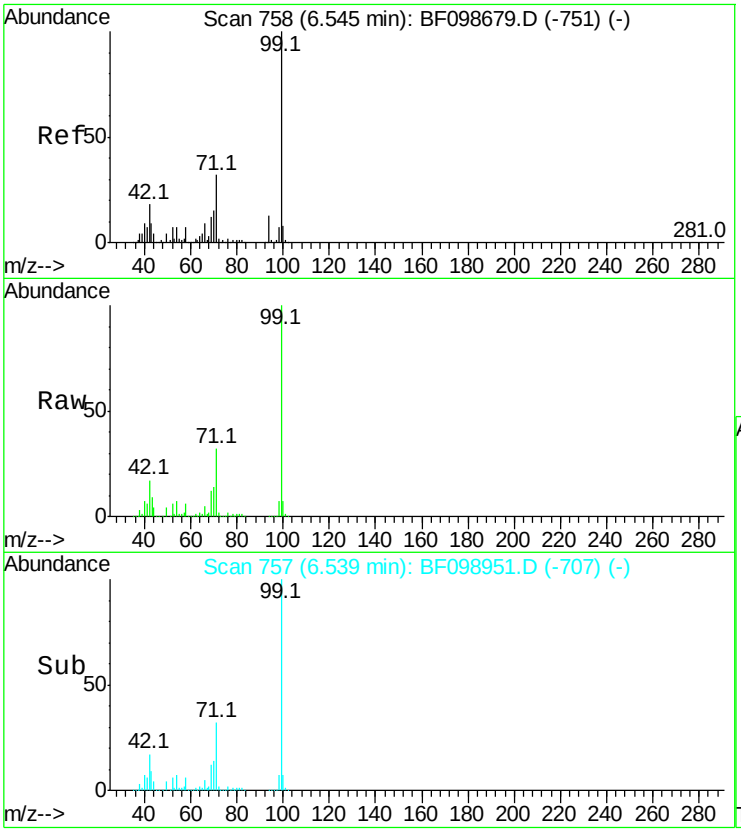


#5
2-Fluorophenol
Concen: 105.571 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Tgt Ion:112 Resp: 874322

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	28.6	23.7	35.5



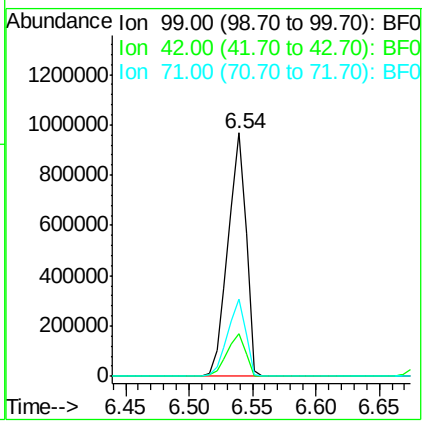


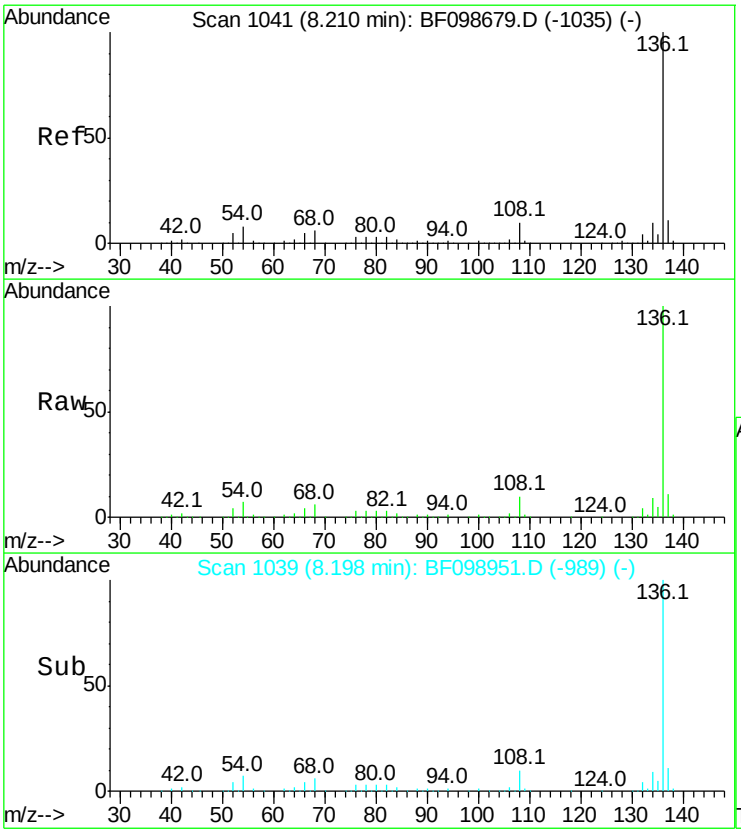
#7
Phenol-d6
Concen: 93.757 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Instrument :
BNA_F
ClientSampleId :
20170668-A-C-9

Tgt Ion: 99 Resp: 957878

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.5	21.7
71	31.9	25.4	38.0

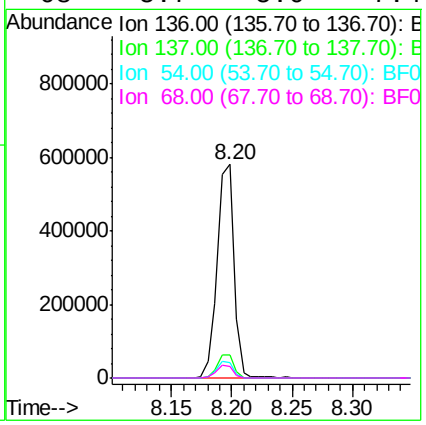


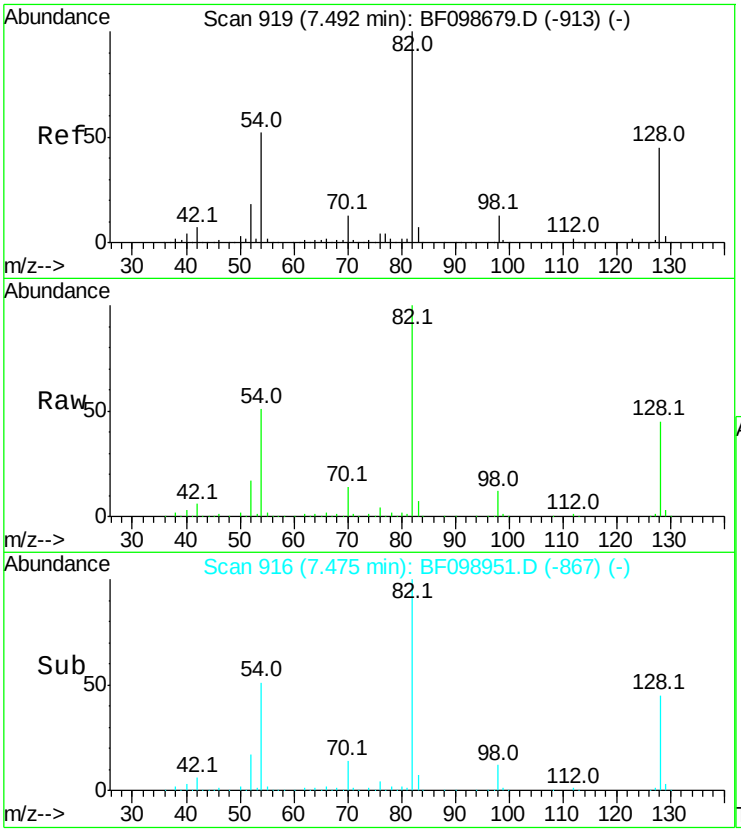


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Tgt Ion:136 Resp: 556352

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4



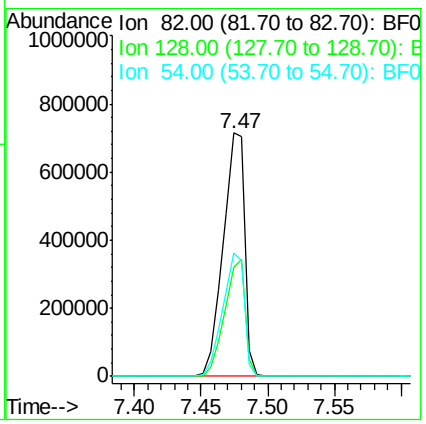


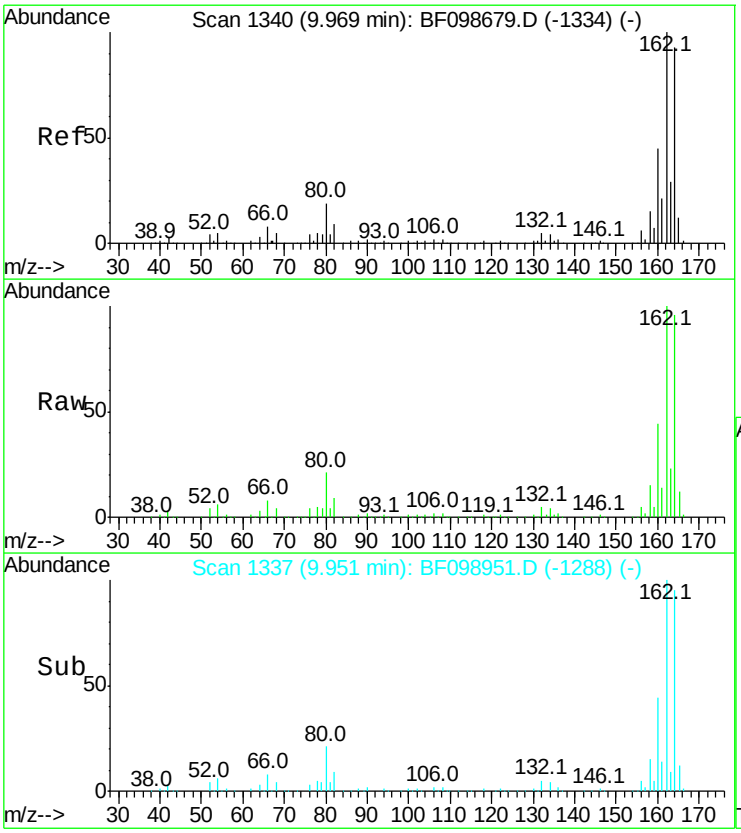
#23
Nitrobenzene-d5
Concen: 94.489 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Instrument :
BNA_F
ClientSampleId :
20170668-A-C-9

Tgt Ion: 82 Resp: 819729

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	50.8	41.4	62.2

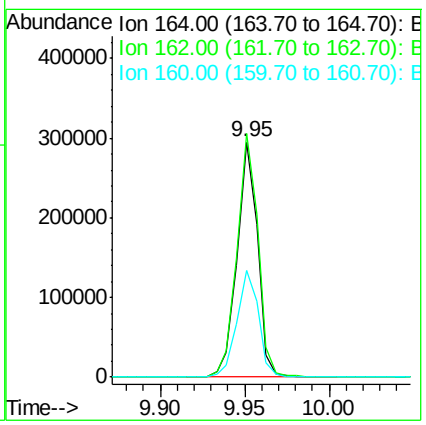


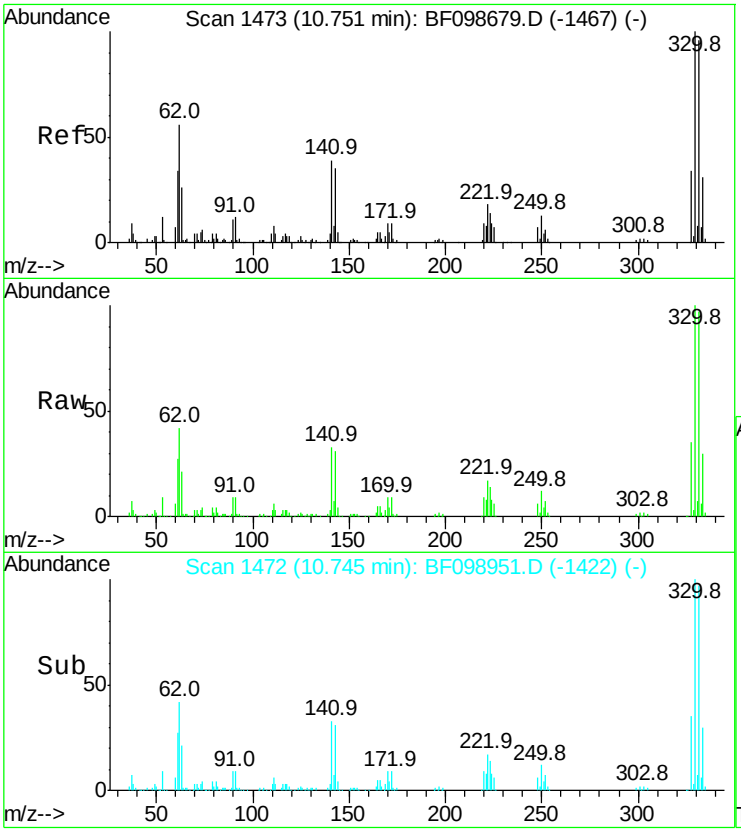


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Tgt Ion:164 Resp: 247844

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.3	38.3	57.5



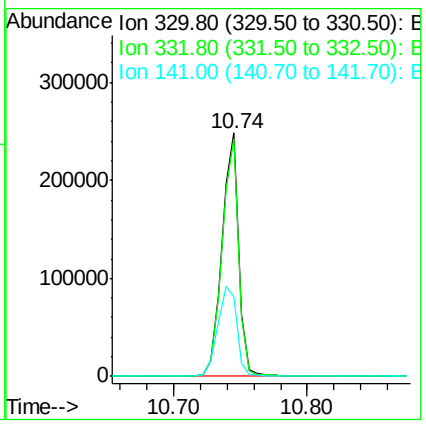


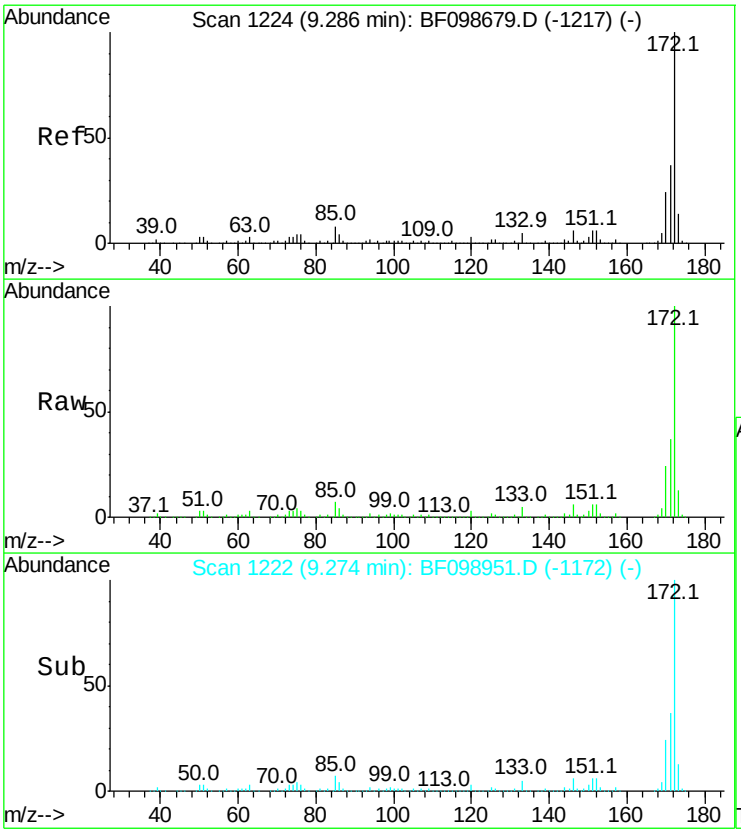
#41
2,4,6-Tribromophenol
Concen: 108.911 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Instrument :
BNA_F
ClientSampleId :
20170668-A-C-9

Tgt Ion:330 Resp: 220876

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	42.7	29.9	44.9

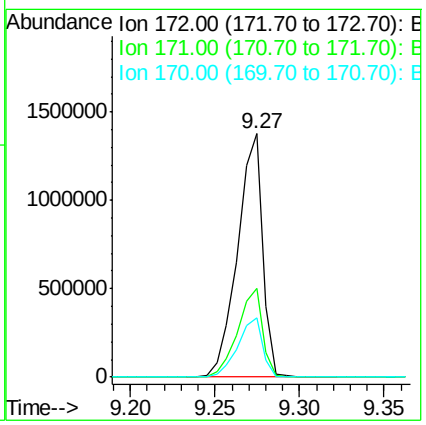


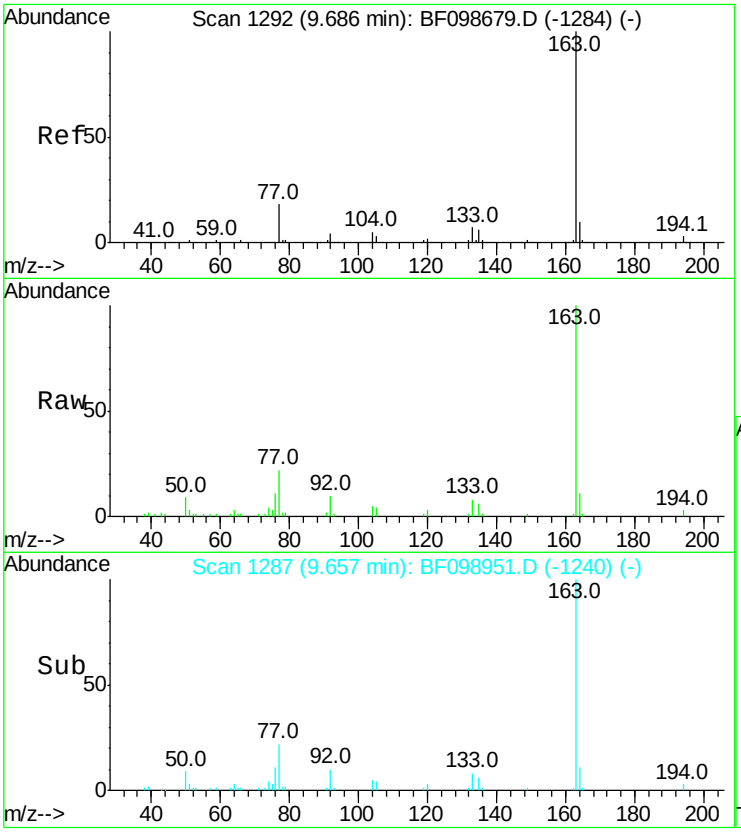


#44
2-Fluorobiphenyl
Concen: 96.240 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Tgt Ion:172 Resp: 1428788

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4



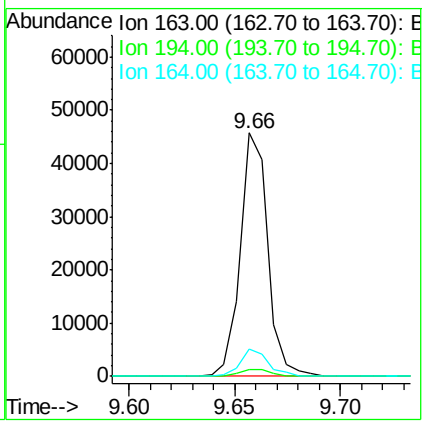


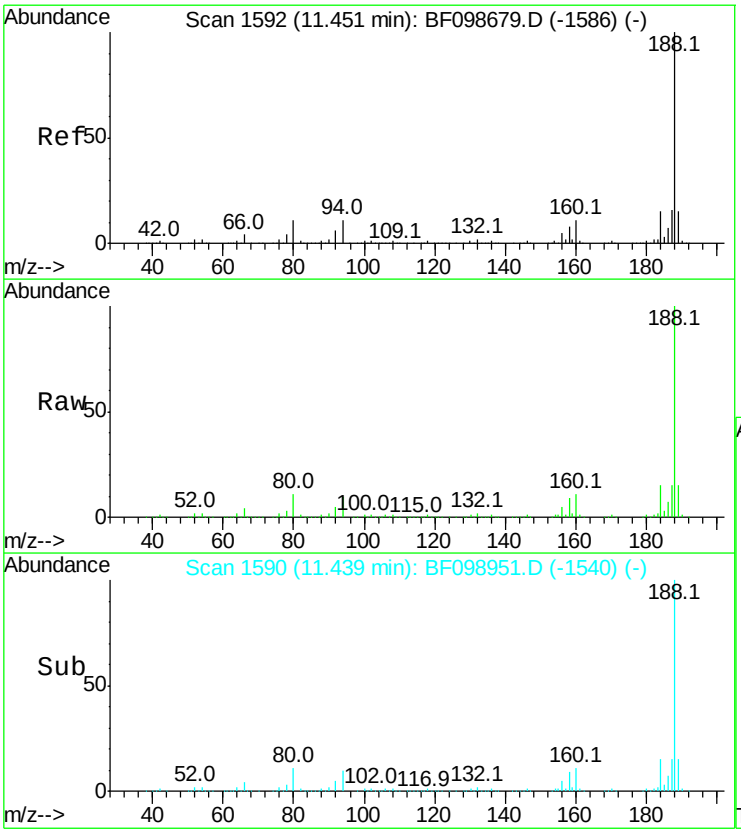
#49
Dimethylphthalate
Concen: 2.198 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Instrument :
BNA_F
ClientSampleId :
20170668-A-C-9

Tgt Ion:163 Resp: 41119

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.7	4.1
164	11.1	8.2	12.2

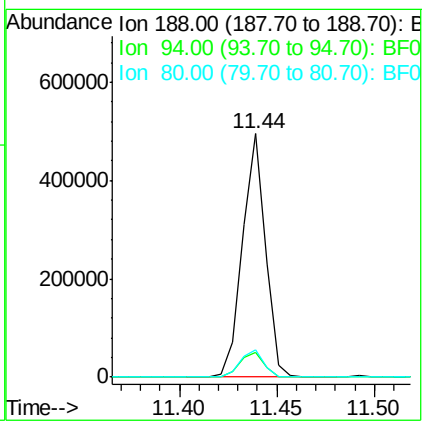


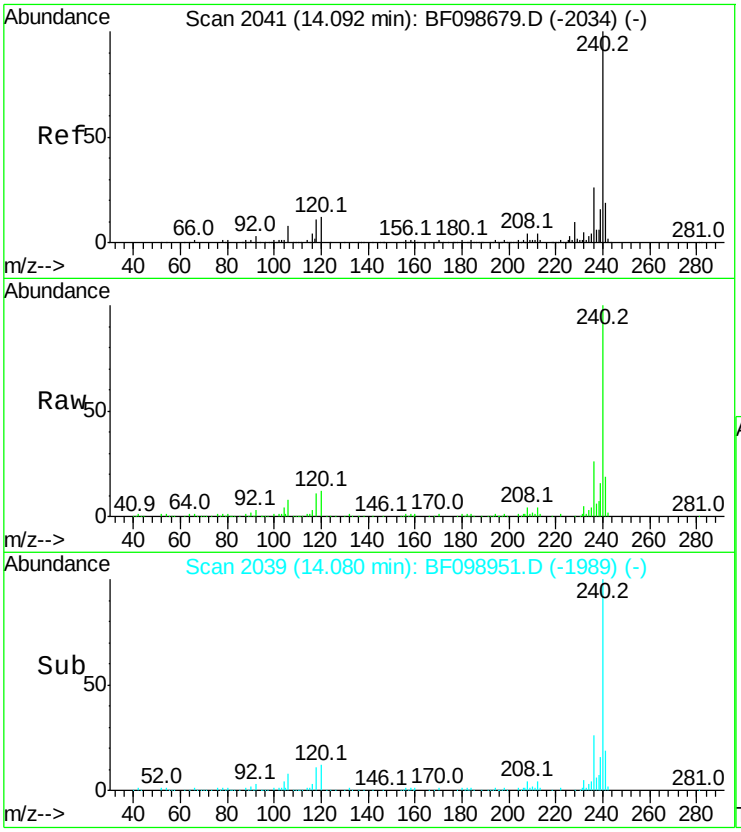


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Tgt Ion:188 Resp: 404071

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.4	9.2	13.8



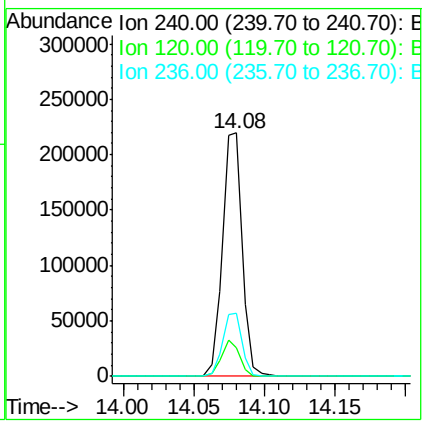


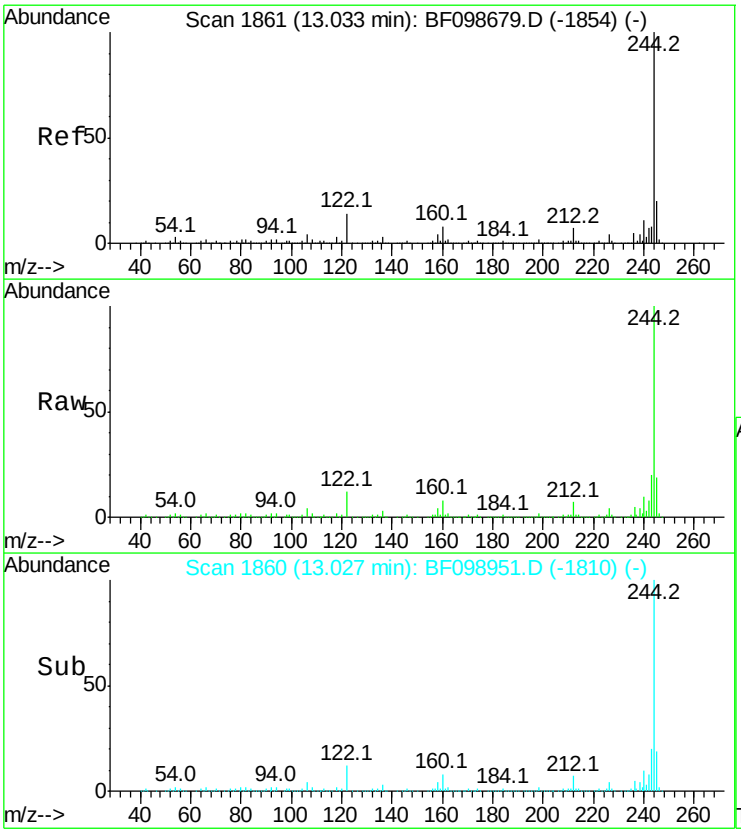
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Instrument :
BNA_F
ClientSampleId :
20170668-A-C-9

Tgt Ion:240 Resp: 213531

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	26.0	20.7	31.1

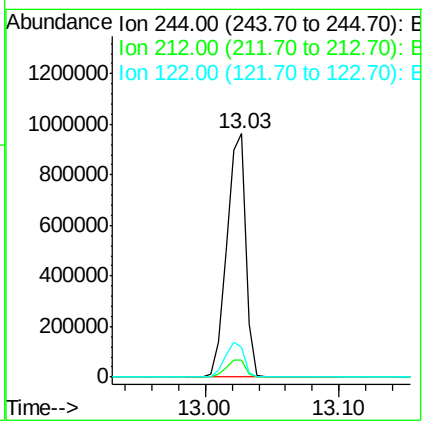


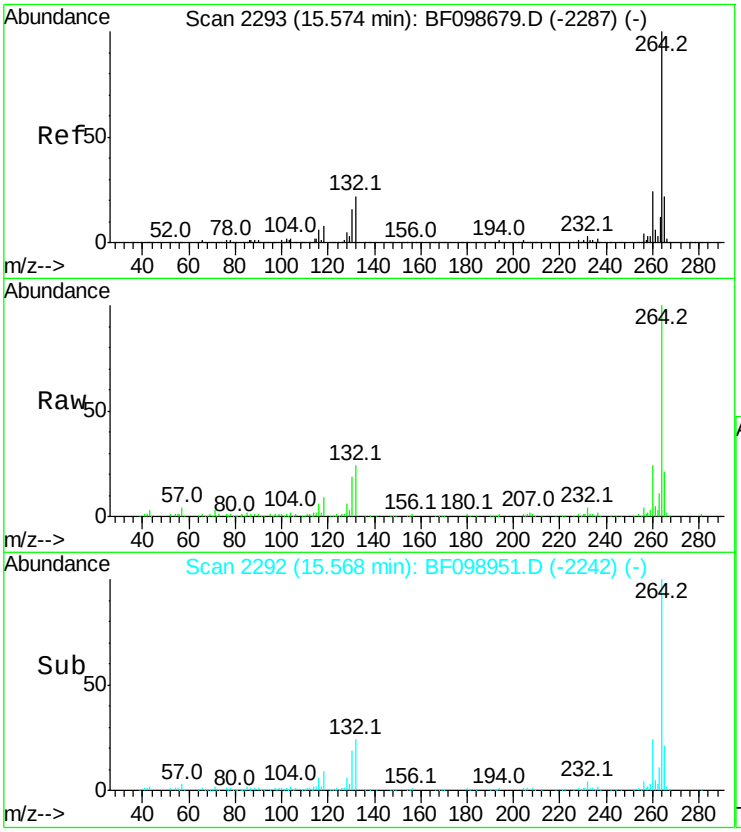


#78
Terphenyl-d14
Concen: 102.882 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Tgt Ion:244 Resp: 965990

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.4	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098951.D
Acq: 29 Sep 2017 16:41

Instrument :
BNA_F
ClientSampleId :
20170668-A-C-9

Tgt Ion:264 Resp: 207576

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3