Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092017\
Data File : BF098668.D
Acq On : 20 Sep 2017 19:00
Operator : SJ/JU
Sample : I5281-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-8-EW

Quant Time: Sep 21 08:41:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	82195	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	338718	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	146263	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	217049	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	158532	20.00	ng	-0.01
86) Perylene-d12	15.17	264	166014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	59668	10.73	ng	-0.01
7) Phenol-d6	6.28	99	45842	6.49	ng	-0.01
23) Nitrobenzene-d5	7.19	82	107973	17.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	27511	28.18	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	205999	23.87	ng	-0.02
78) Terphenyl-d14	12.72	244	99953	13.61	ng	-0.02
Target Compounds						Qvalue

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

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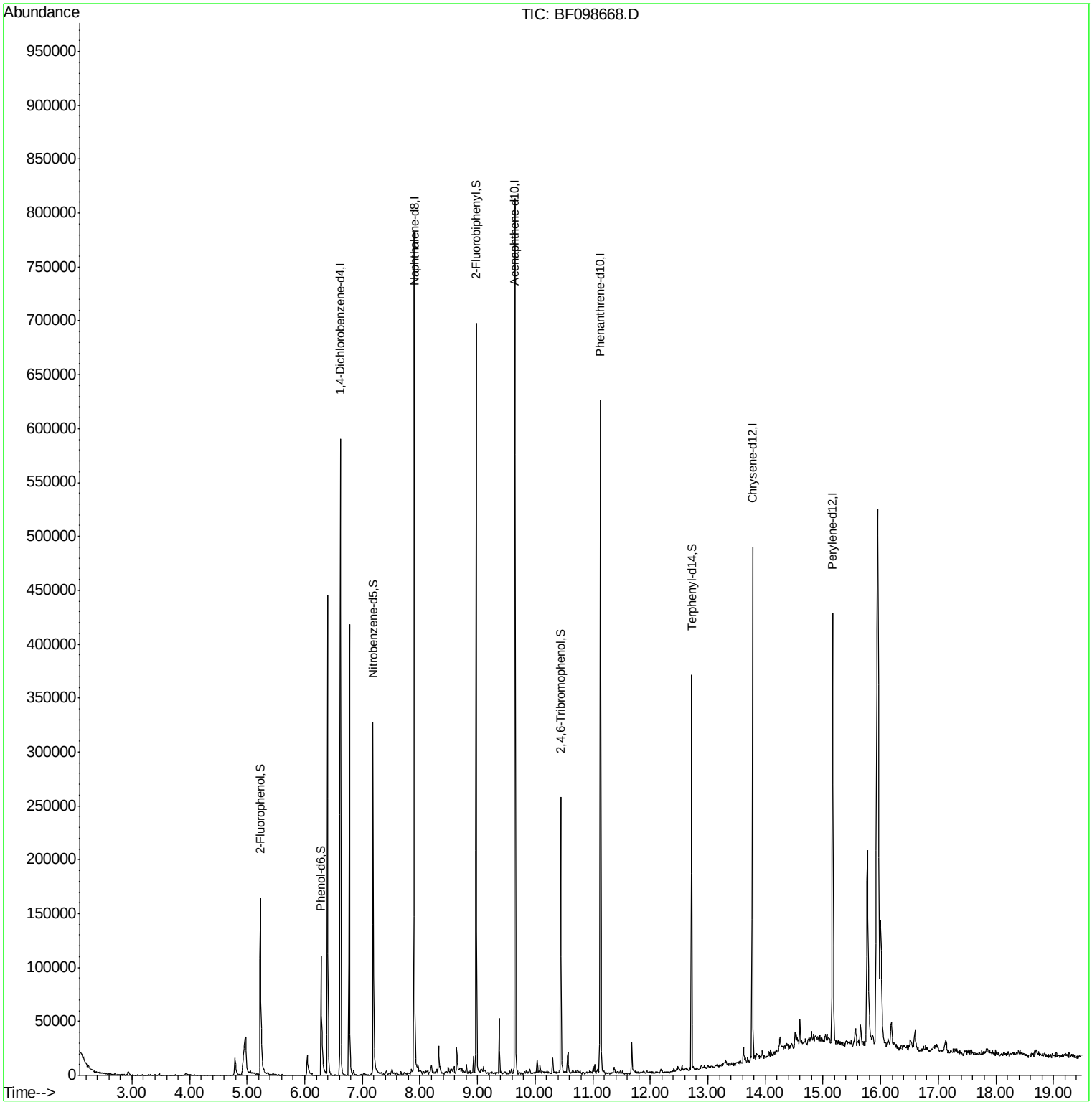
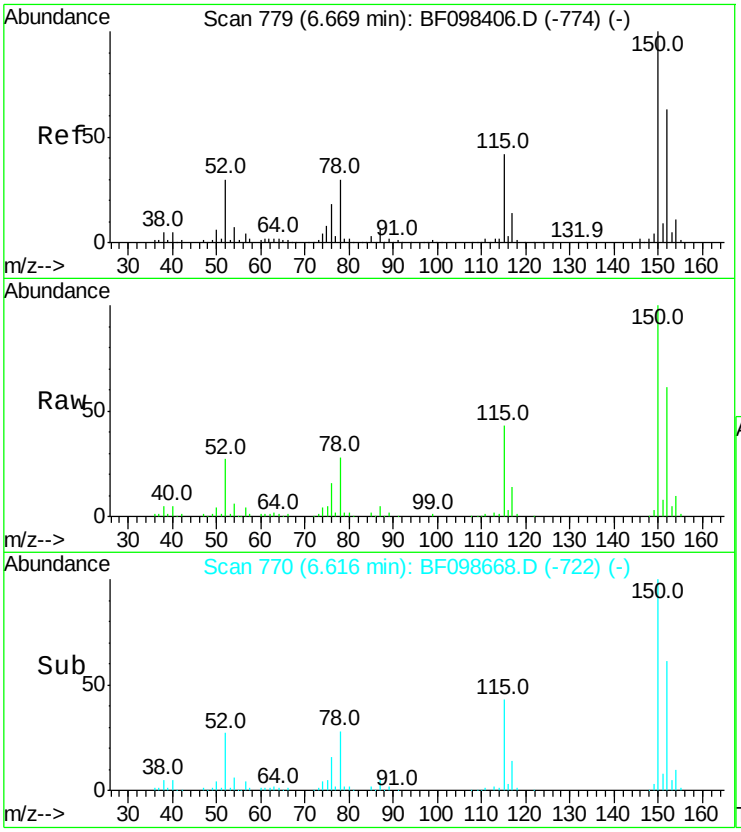


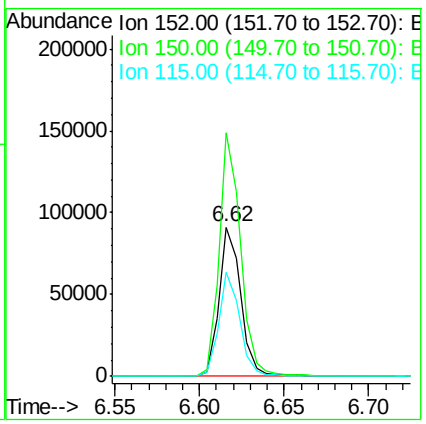


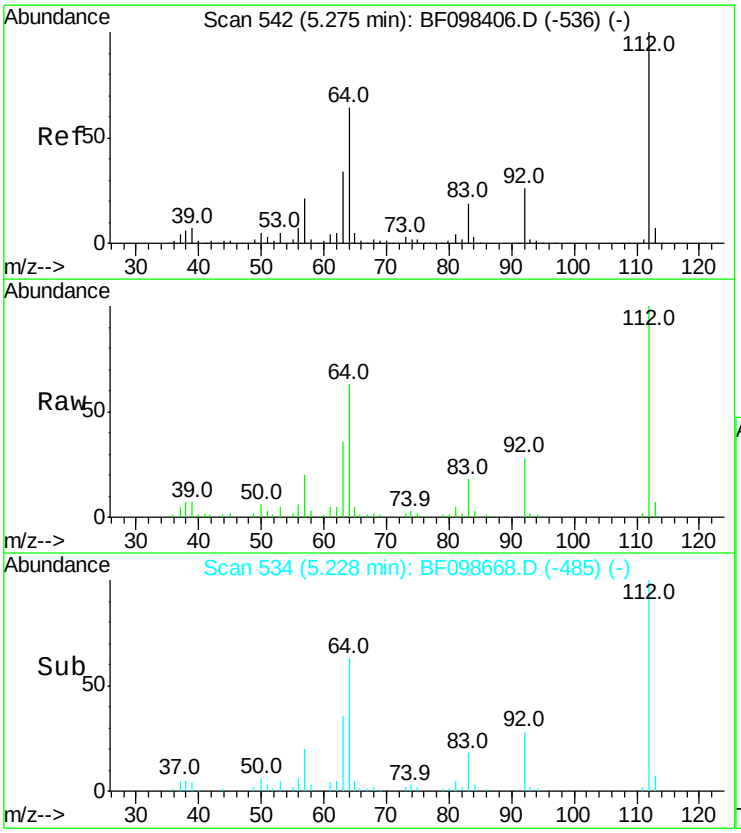
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF098668.D
Acq: 20 Sep 2017 19:00

Instrument :
BNA_F
ClientSampleId :
MW-8-EW

Tgt Ion:152 Resp: 82195

Ion	Ratio	Lower	Upper
152	100		
150	163.5	126.2	189.2
115	70.1	52.2	78.2

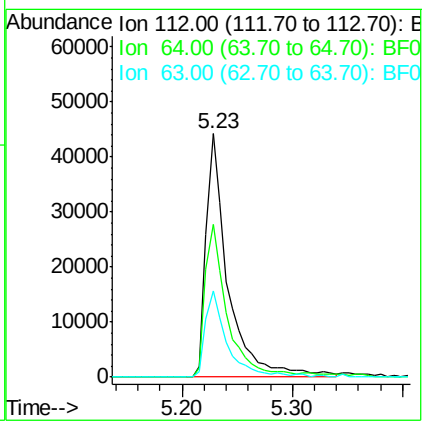


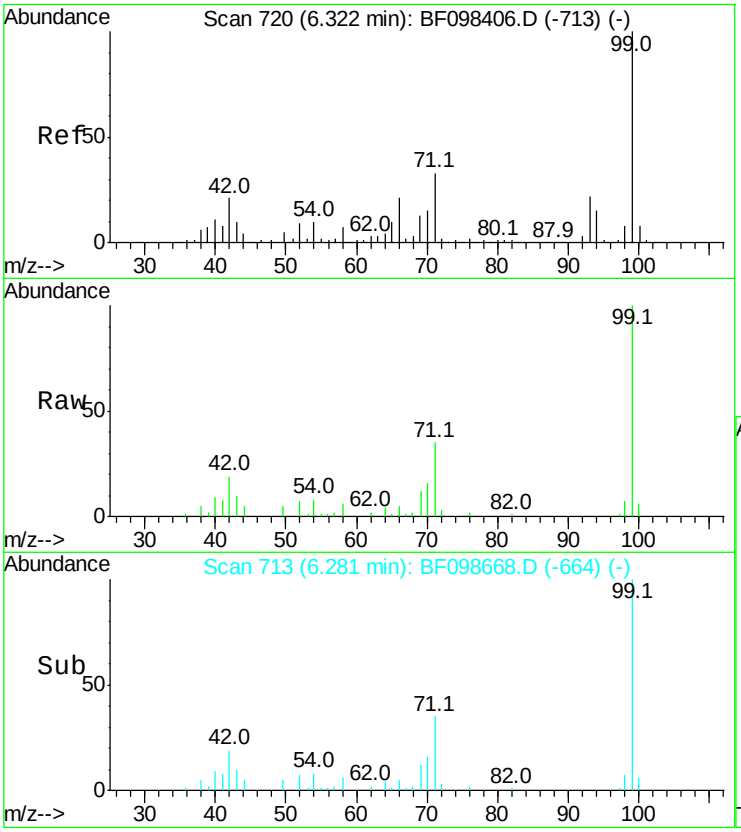


#5
2-Fluorophenol
Concen: 10.733 ng
RT: 5.23 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF098668.D
Acq: 20 Sep 2017 19:00

Tgt Ion:112 Resp: 59668

Ion	Ratio	Lower	Upper
112	100		
64	62.6	46.0	69.0
63	35.5	23.4	35.0#



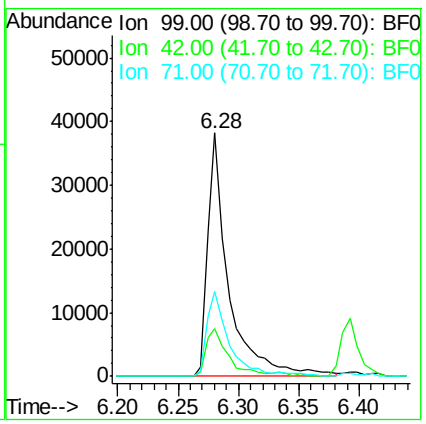


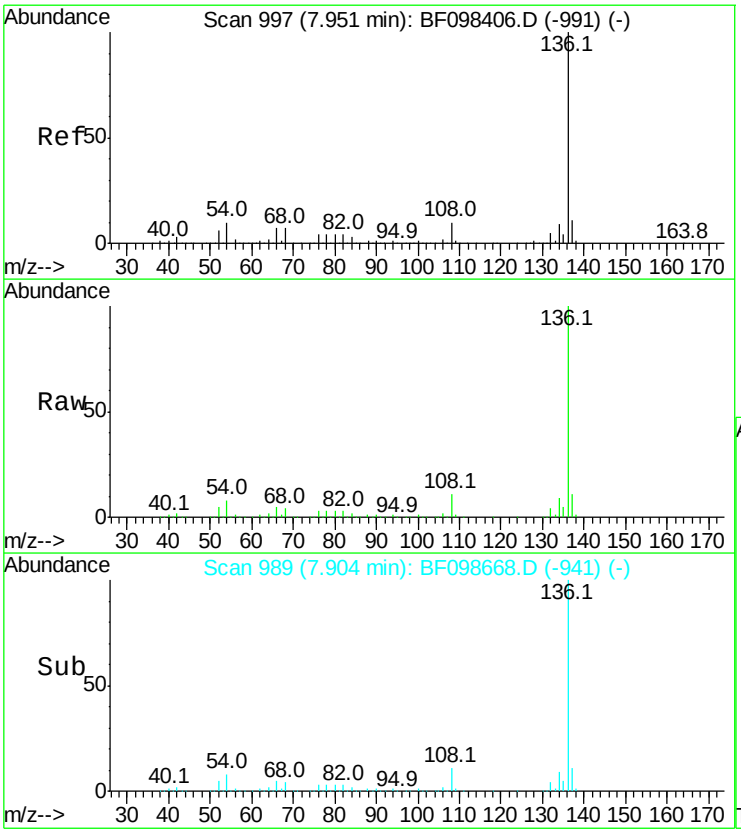
#7
Phenol-d6
Concen: 6.495 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF098668.D
Acq: 20 Sep 2017 19:00

Instrument :
BNA_F
ClientSampleId :
MW-8-EW

Tgt Ion: 99 Resp: 45842

Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.5	20.3
71	34.7	24.5	36.7

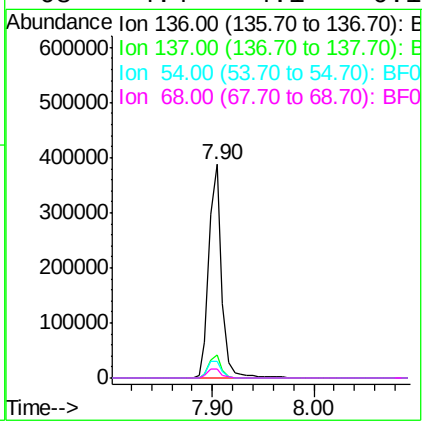


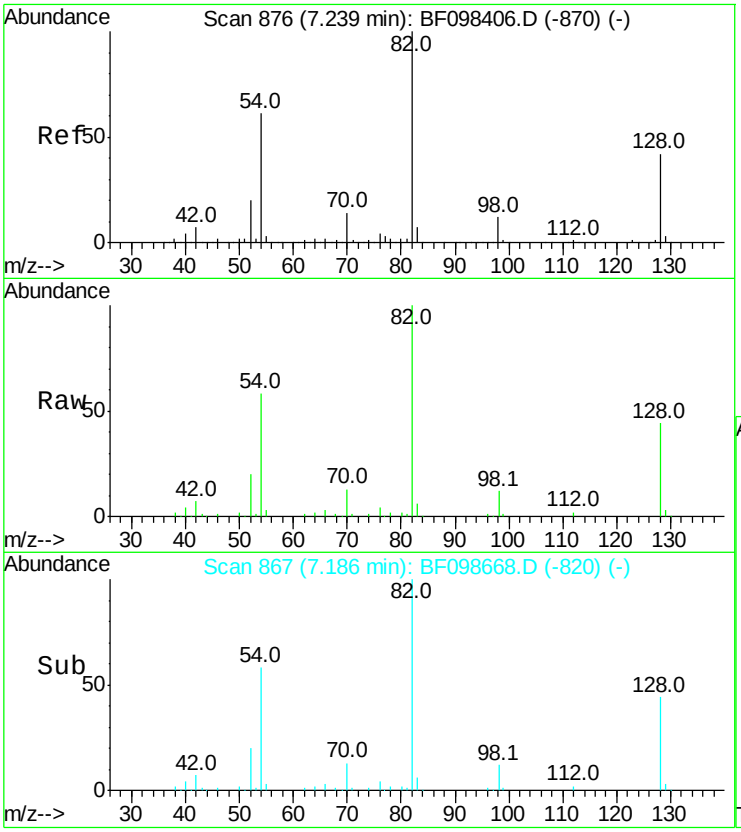


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF098668.D
Acq: 20 Sep 2017 19:00

Tgt Ion:136 Resp: 338718

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.9	4.9	7.3#
68	4.4	4.1	6.1



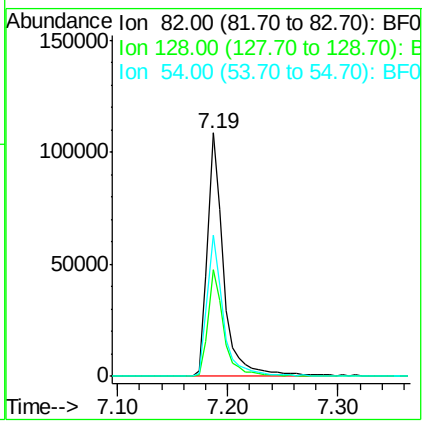


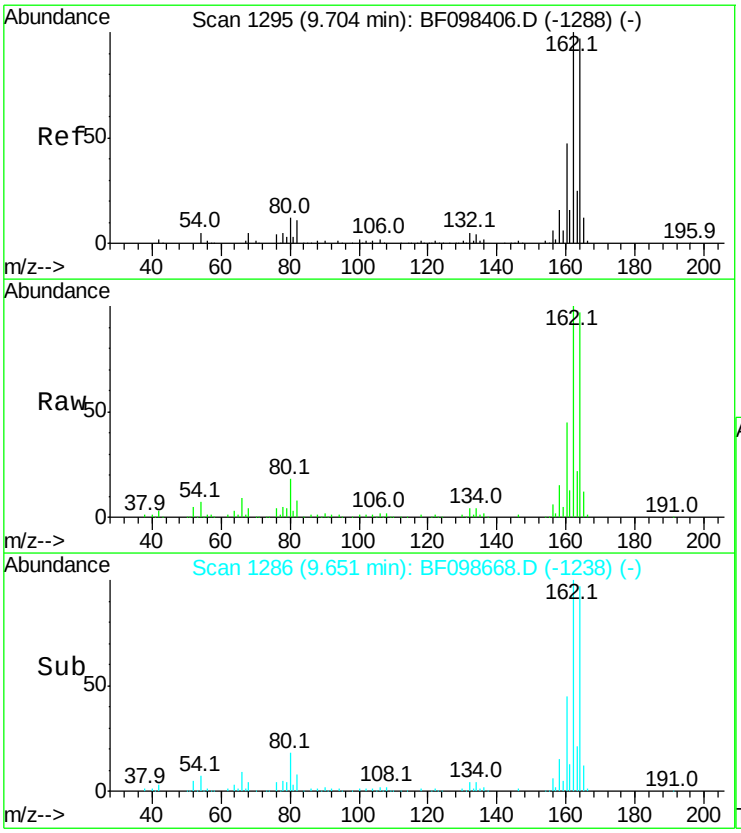
#23
Nitrobenzene-d5
Concen: 17.771 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF098668.D
Acq: 20 Sep 2017 19:00

Instrument :
BNA_F
ClientSampleId :
MW-8-EW

Tgt Ion: 82 Resp: 107973

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.0	51.0
54	57.9	42.2	63.2

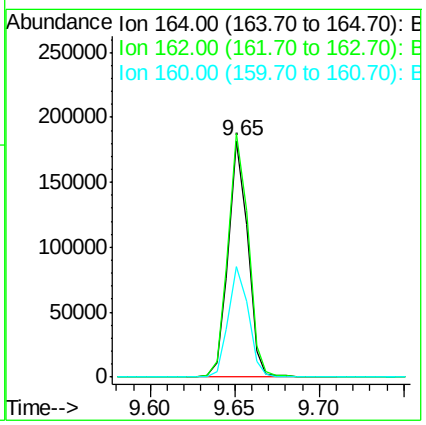


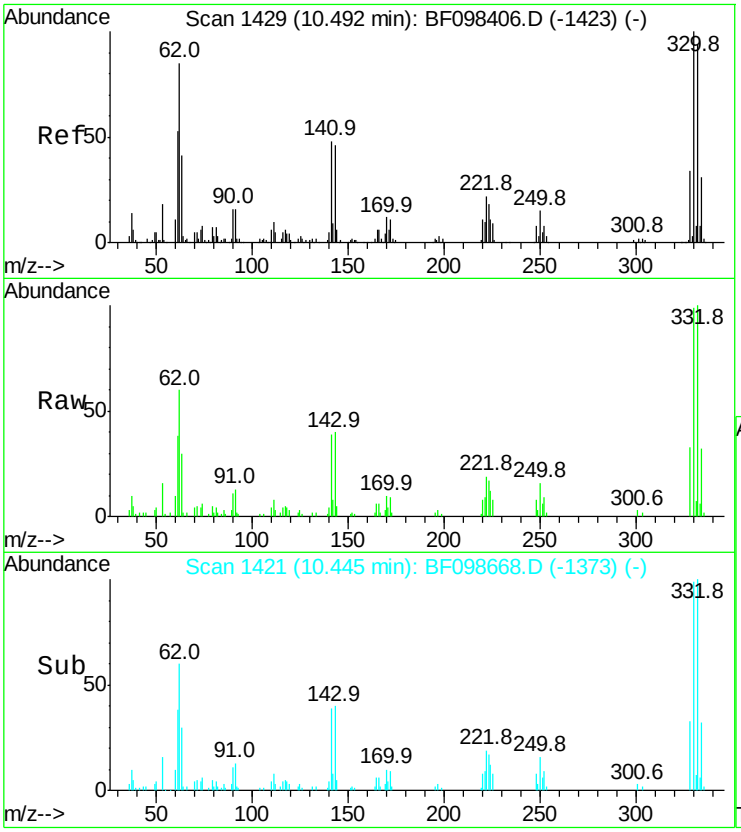


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF098668.D
Acq: 20 Sep 2017 19:00

Tgt Ion:164 Resp: 146263

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	46.8	36.2	54.2



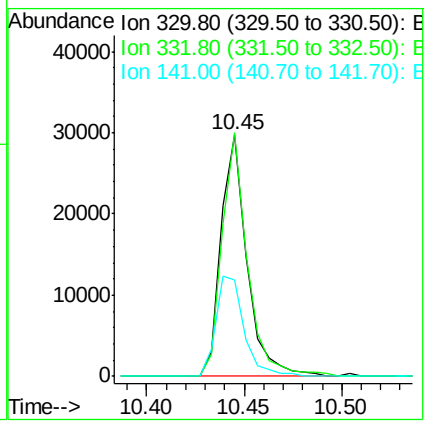


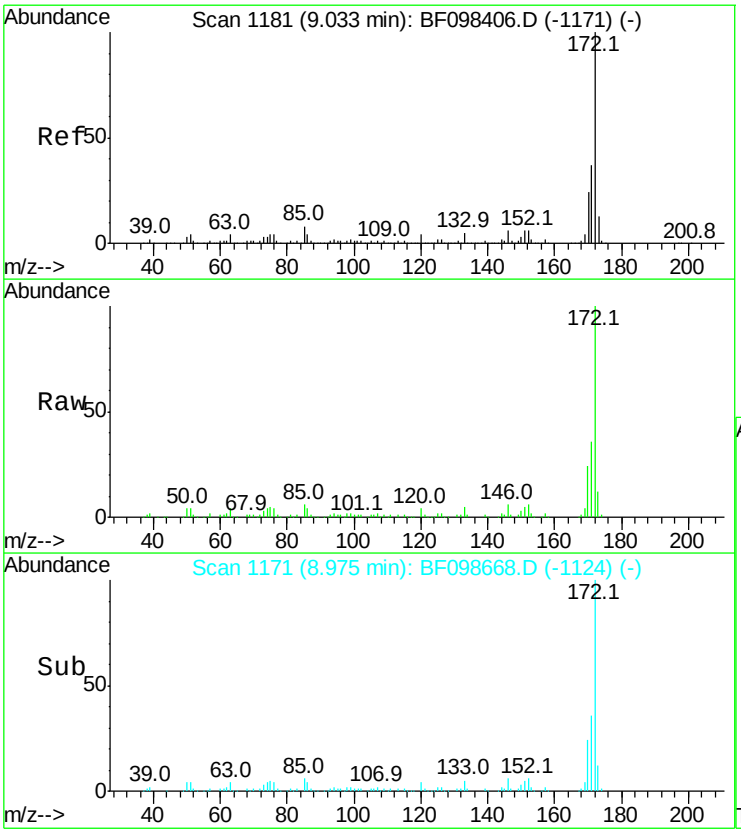
#41
2,4,6-Tribromophenol
Concen: 28.182 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF098668.D
Acq: 20 Sep 2017 19:00

Instrument :
BNA_F
ClientSampleId :
MW-8-EW

Tgt Ion:330 Resp: 27511

Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.6	115.0
141	44.7	31.4	47.2

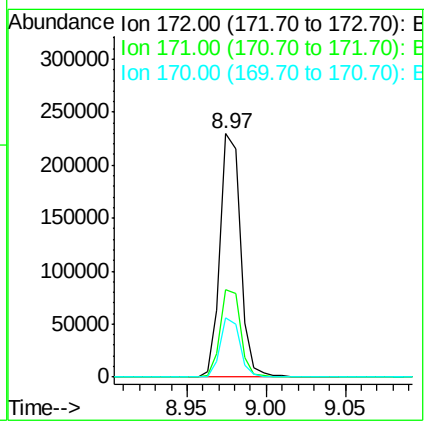


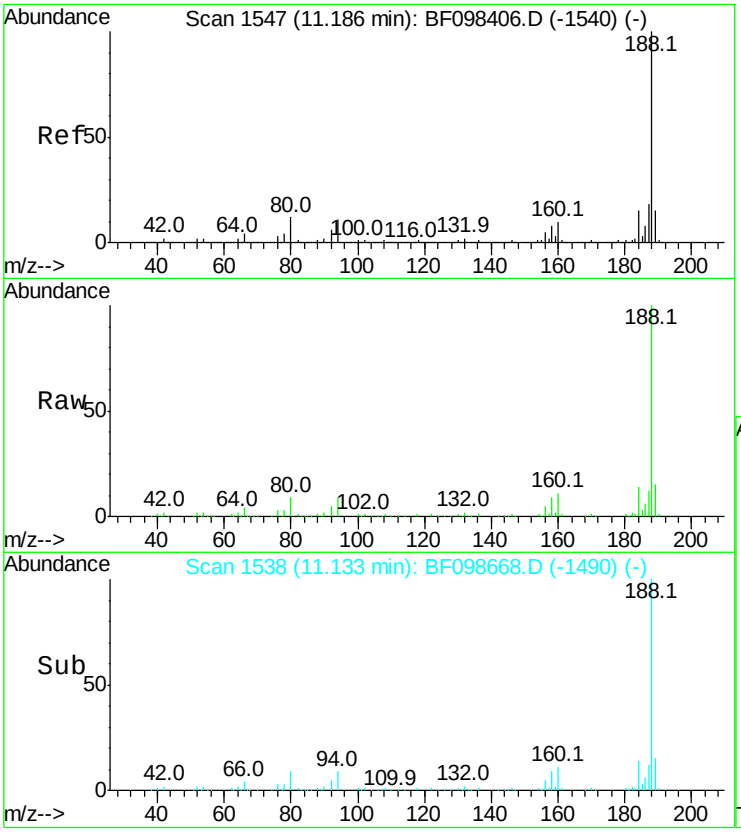


#44
2-Fluorobiphenyl
Concen: 23.871 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF098668.D
Acq: 20 Sep 2017 19:00

Tgt Ion:172 Resp: 205999

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.3	19.8	29.8



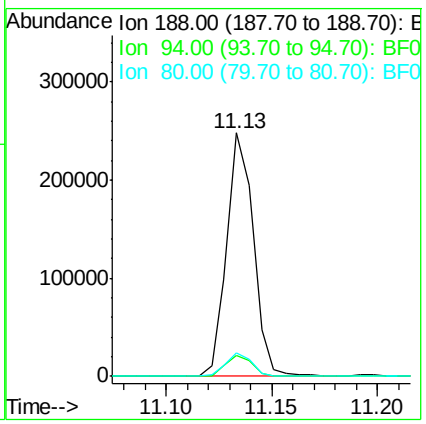


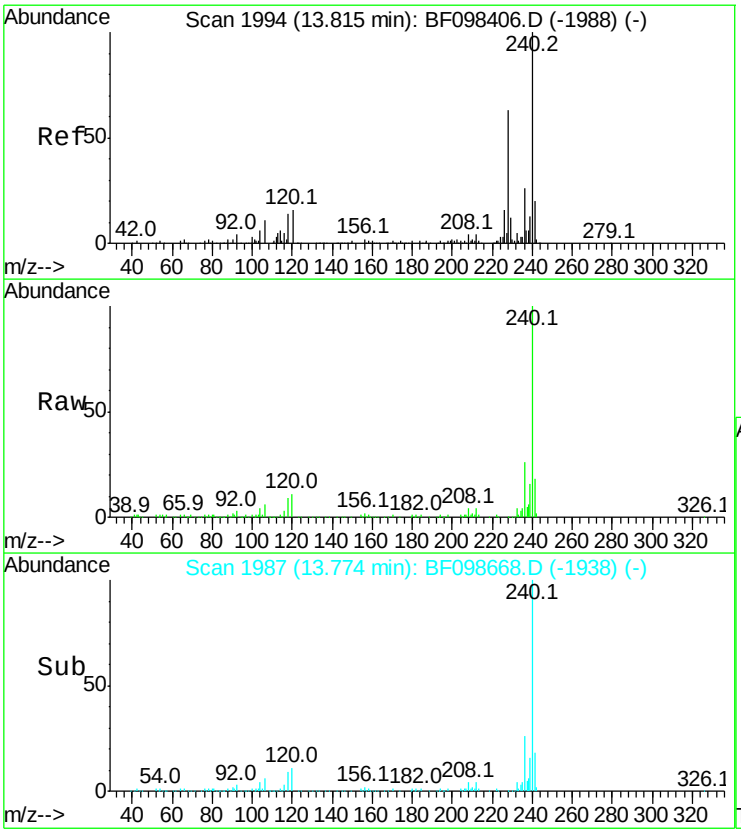
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.02 min
Lab File: BF098668.D
Acq: 20 Sep 2017 19:00

Instrument :
BNA_F
ClientSampleId :
MW-8-EW

Tgt Ion:188 Resp: 217049

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.4	14.2#
80	9.4	10.2	15.2#

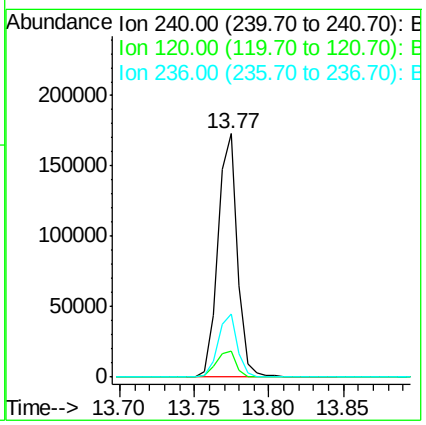


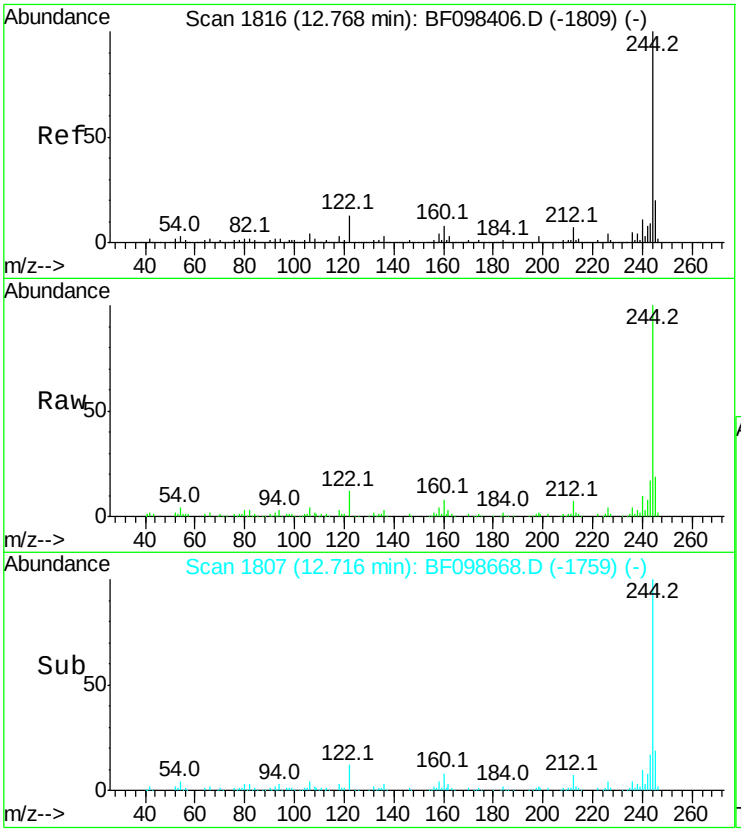


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF098668.D
Acq: 20 Sep 2017 19:00

Tgt Ion:240 Resp: 158532

Ion	Ratio	Lower	Upper
240	100		
120	10.5	5.8	8.8#
236	26.1	20.5	30.7



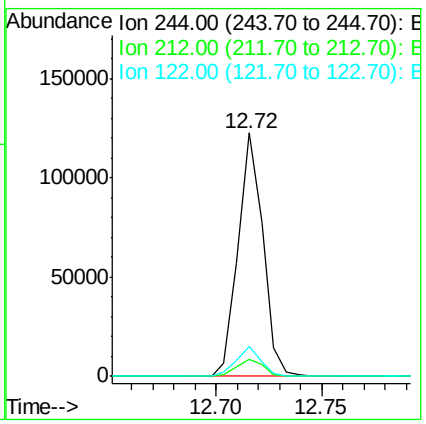


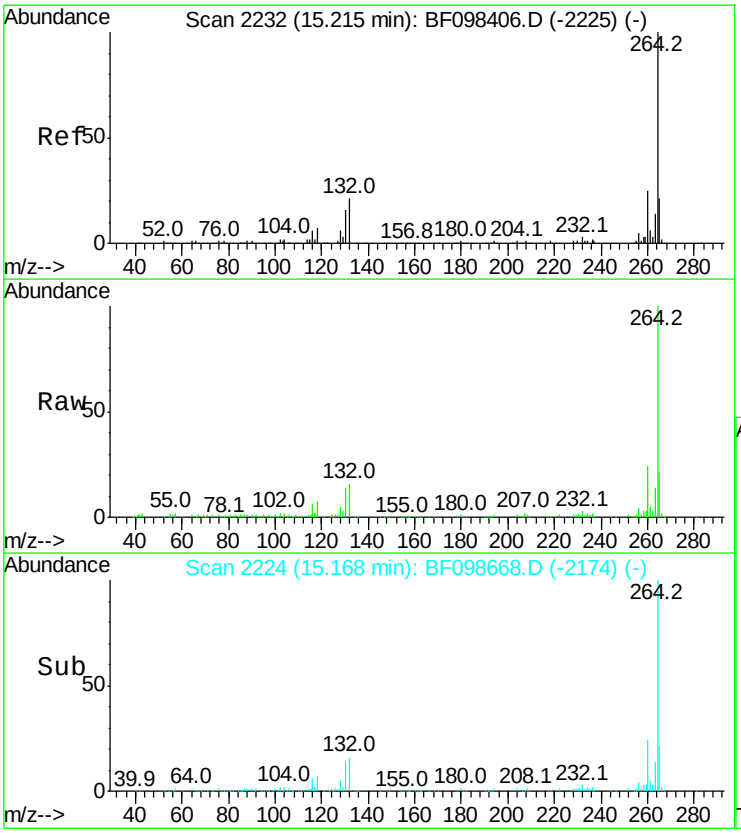
#78
Terphenyl-d14
Concen: 13.609 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF098668.D
Acq: 20 Sep 2017 19:00

Instrument :
BNA_F
ClientSampleId :
MW-8-EW

Tgt Ion:244 Resp: 99953

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.4	10.3	15.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF098668.D
Acq: 20 Sep 2017 19:00

Tgt Ion:264 Resp: 166014

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.9	17.2	25.8