Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024133.D
Acq On : 24 Sep 2016 20:56
Operator : UM/SJ
Sample : H4897-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02I-092116

Quant Time: Sep 26 01:50:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44788	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	189687	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	160253	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	370812	20.00	ng	0.00
75) Chrysene-d12	21.79	240	418207	20.00	ng	0.00
86) Perylene-d12	25.12	264	409348	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	173044	66.94	ng	0.00
7) Phenol-d6	7.21	99	159177	36.59	ng	0.00
23) Nitrobenzene-d5	9.22	82	497922	103.46	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	327228	142.06	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1003710	105.28	ng	0.00
78) Terphenyl-d14	20.09	244	1653008	80.93	ng	0.00
Target Compounds						Qvalue

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

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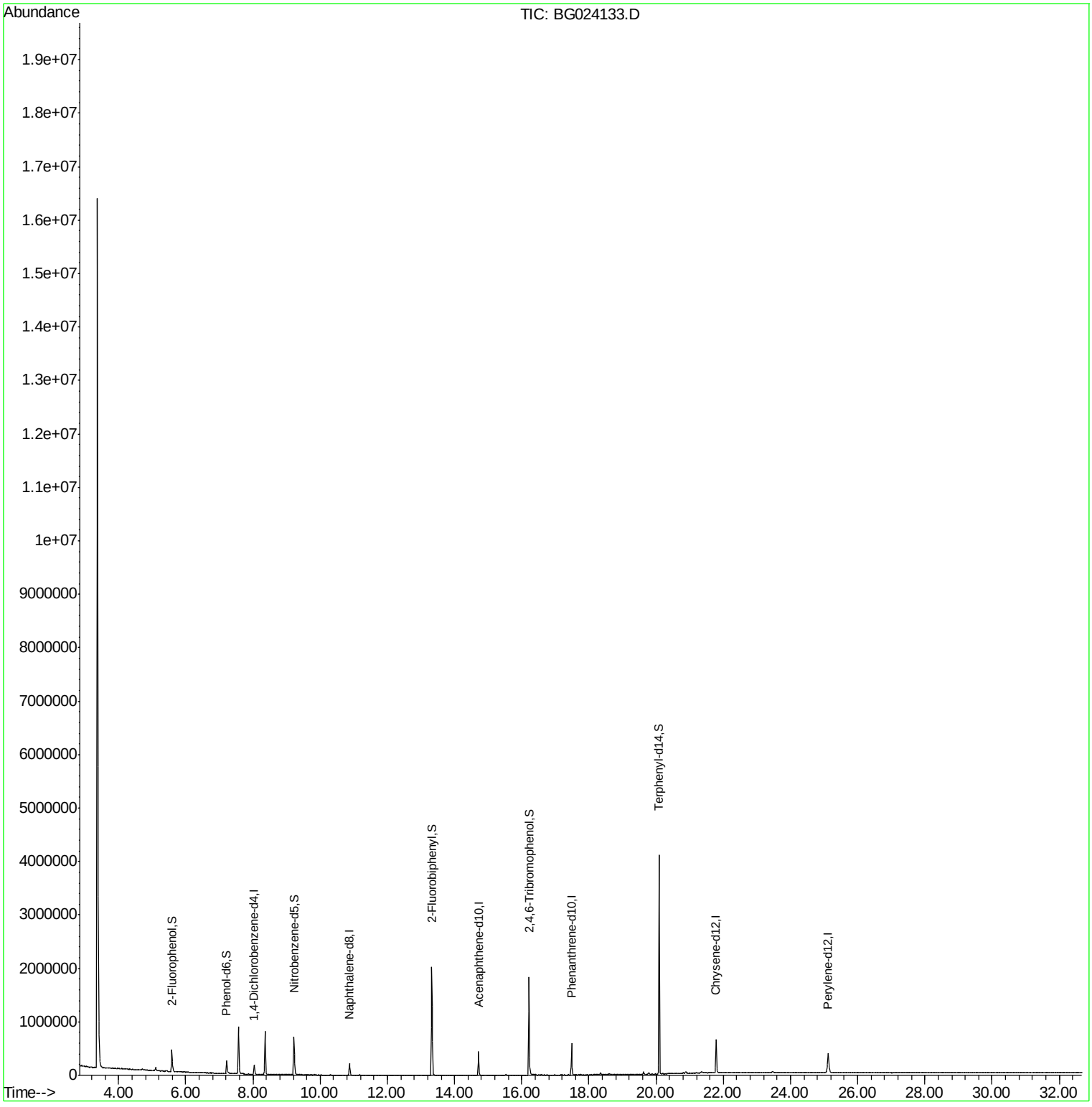
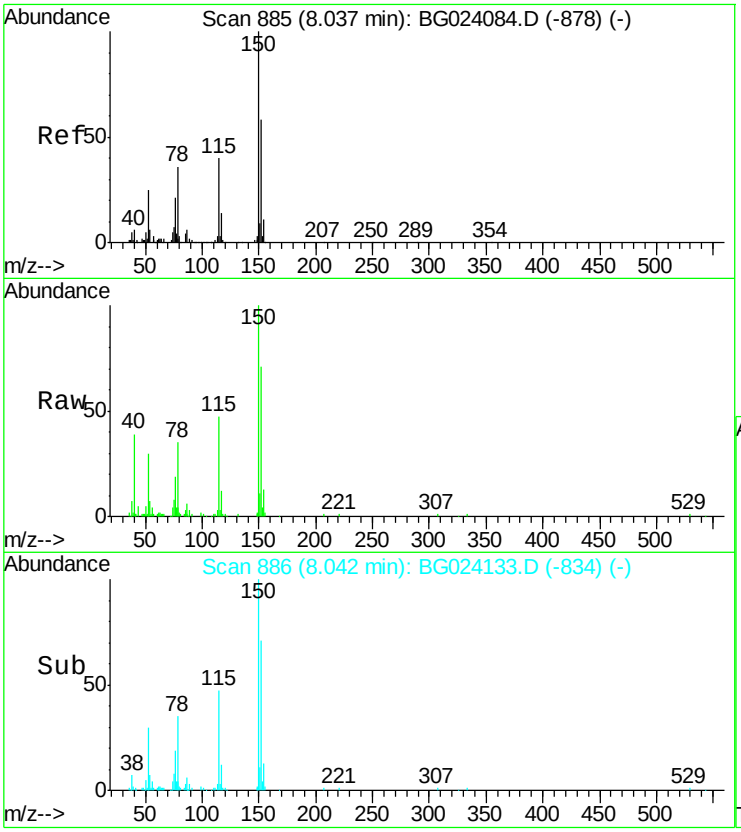


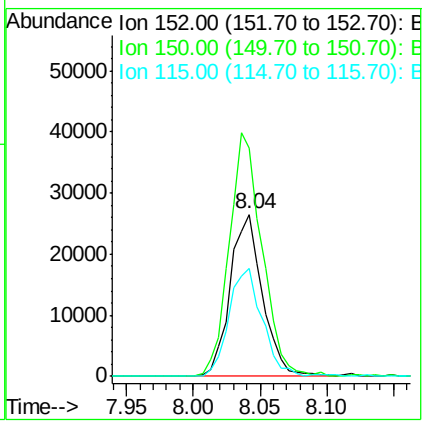


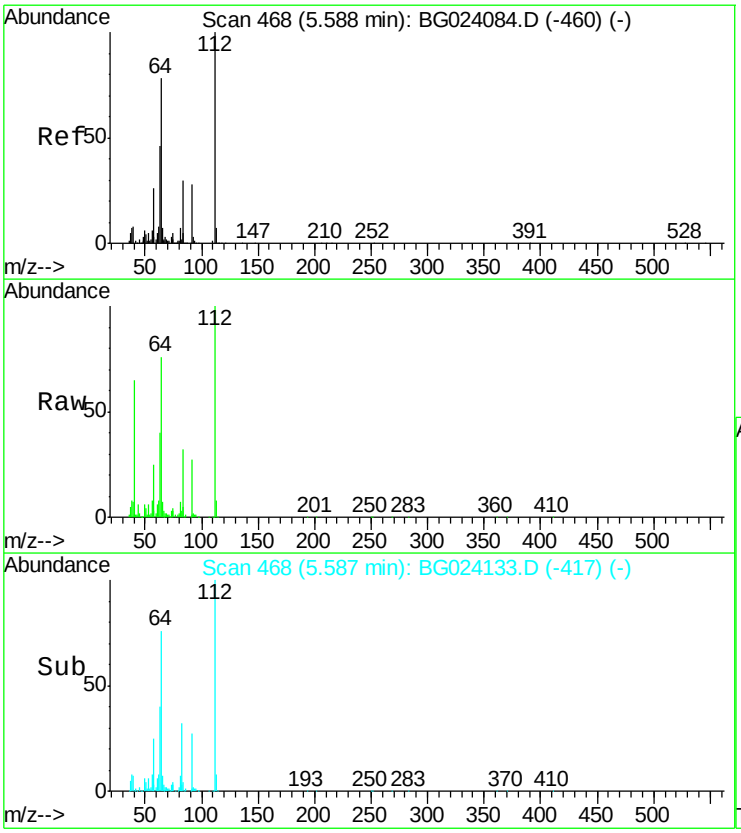
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. 0.01 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Instrument :
BNA_G
ClientSampleId :
MW-02I-092116

Tgt Ion:152 Resp: 44788

Ion	Ratio	Lower	Upper
152	100		
150	141.0	144.7	217.1#
115	66.6	64.0	96.0

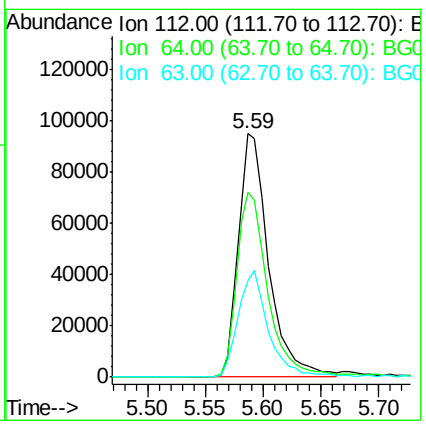


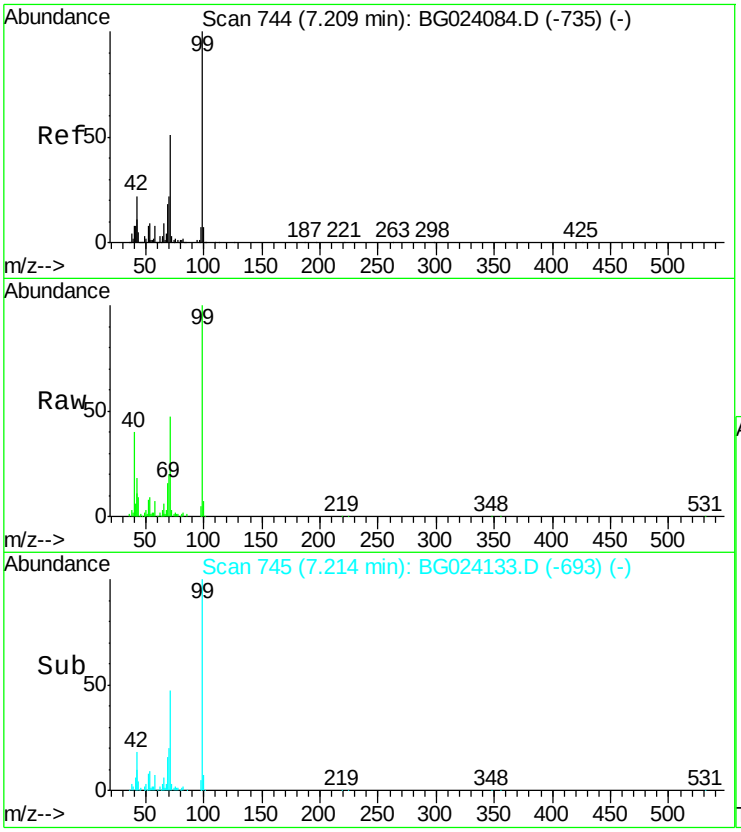


#5
2-Fluorophenol
Concen: 66.94 ng
RT: 5.59 min Scan# 468
Delta R.T. -0.00 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Tgt Ion:112 Resp: 173044

Ion	Ratio	Lower	Upper
112	100		
64	76.1	59.0	88.4
63	39.9	37.8	56.8



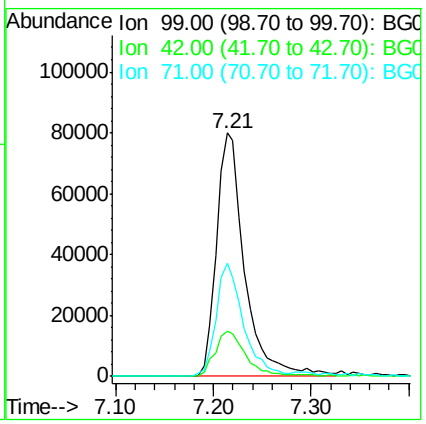


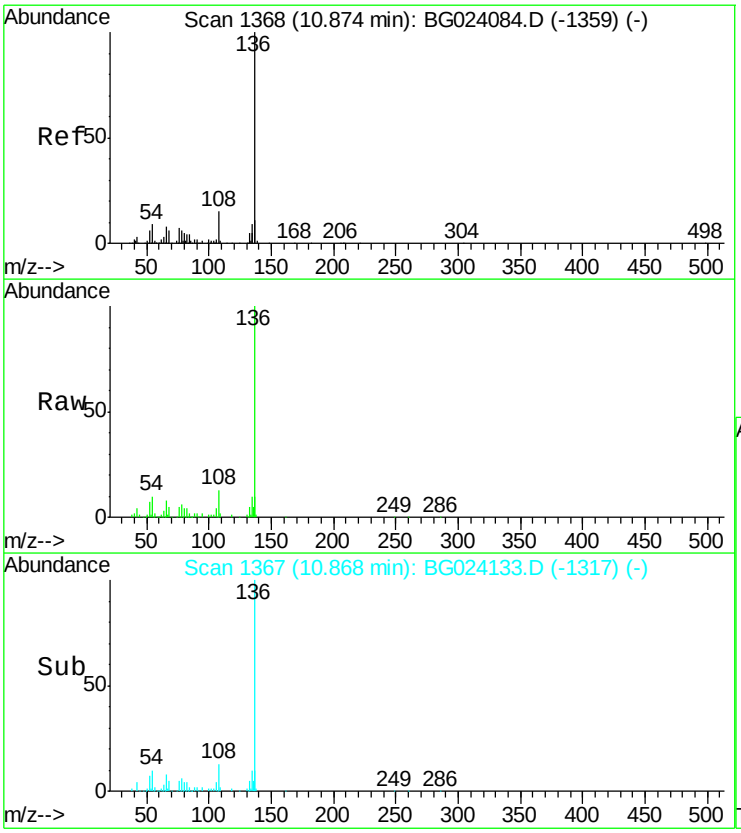
#7
Phenol-d6
Concen: 36.59 ng
RT: 7.21 min Scan# 745
Delta R.T. 0.01 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Instrument :
BNA_G
ClientSampleId :
MW-02I-092116

Tgt Ion: 99 Resp: 159177

Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.8	26.6
71	46.7	41.5	62.3

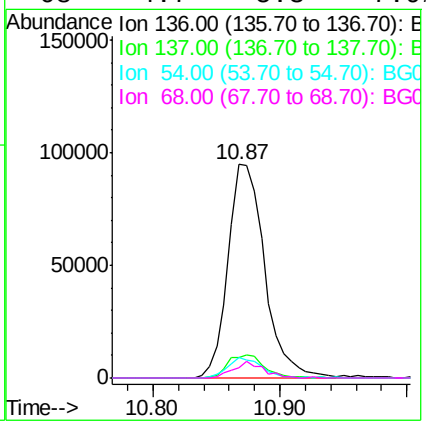


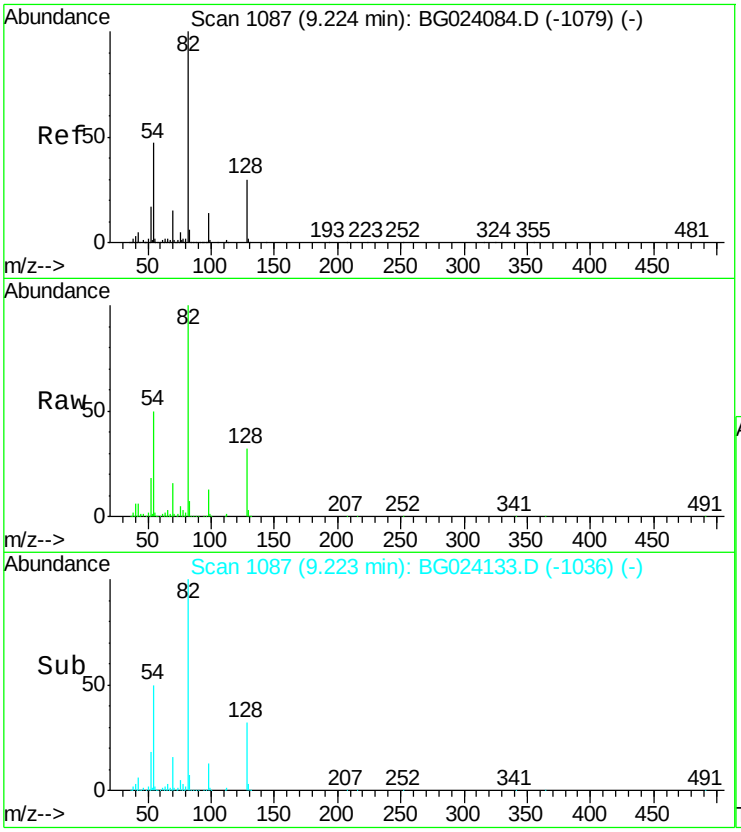


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Tgt Ion:136 Resp: 189687

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.6	14.4
54	9.8	7.3	10.9
68	4.7	5.3	7.9#



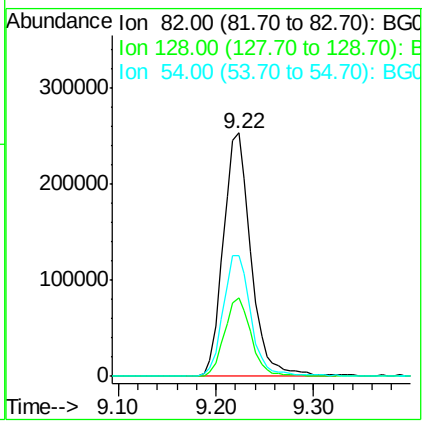


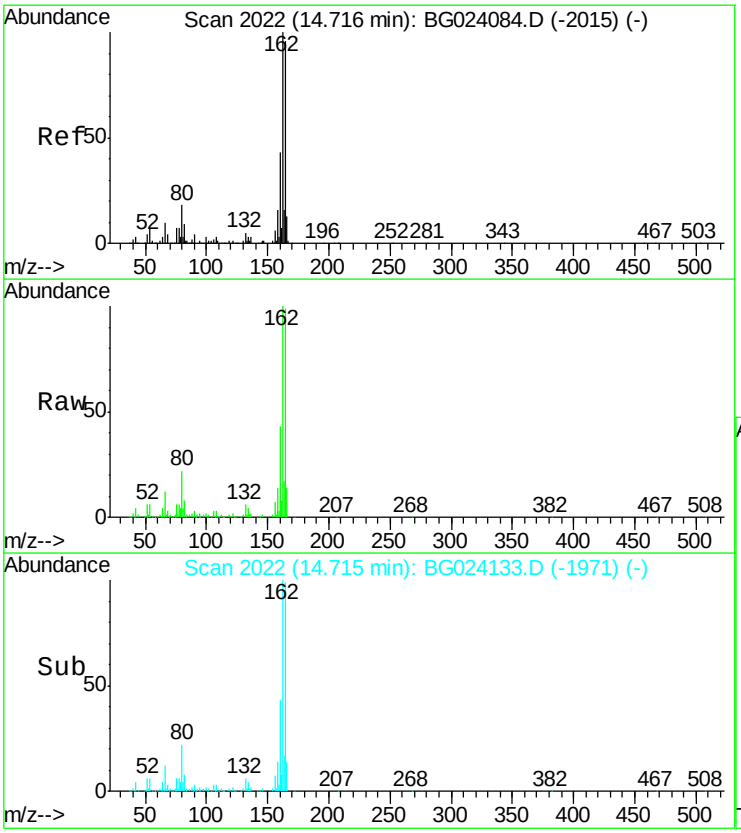
#23
Nitrobenzene-d5
Concen: 103.46 ng
RT: 9.22 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Instrument :
BNA_G
ClientSampleId :
MW-02I-092116

Tgt Ion: 82 Resp: 497922

Ion	Ratio	Lower	Upper
82	100		
128	32.4	24.4	36.6
54	49.5	41.4	62.0

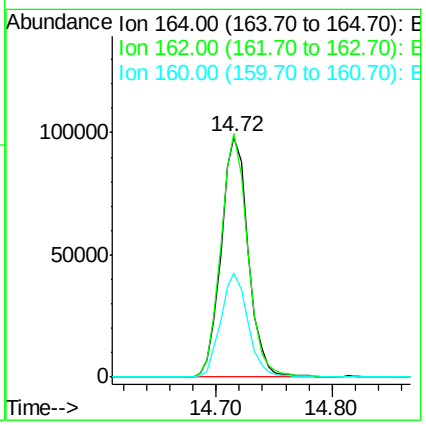


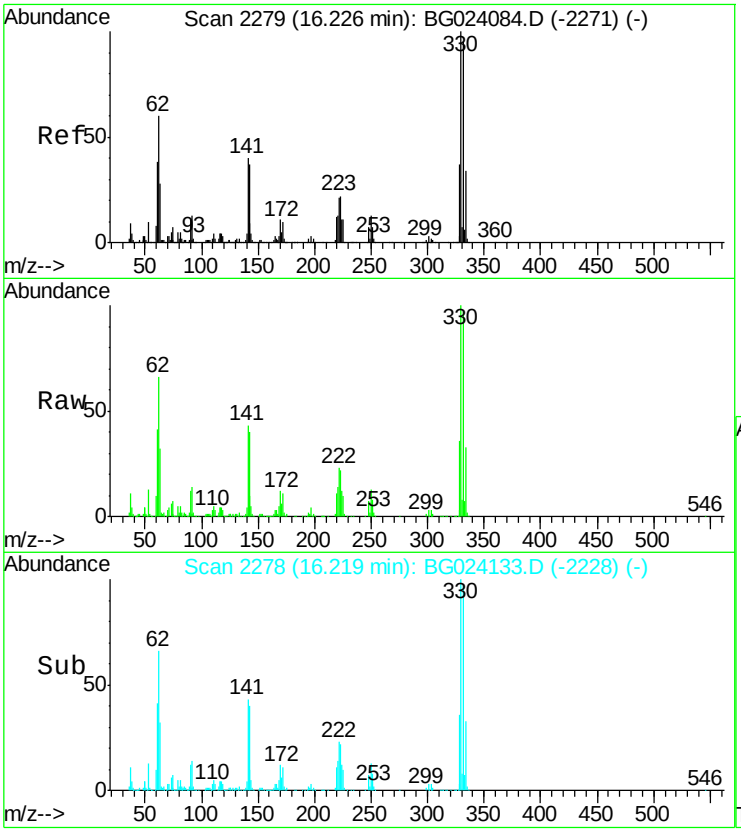


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Tgt Ion:164 Resp: 160253

Ion	Ratio	Lower	Upper
164	100		
162	101.5	87.7	131.5
160	43.5	37.2	55.8



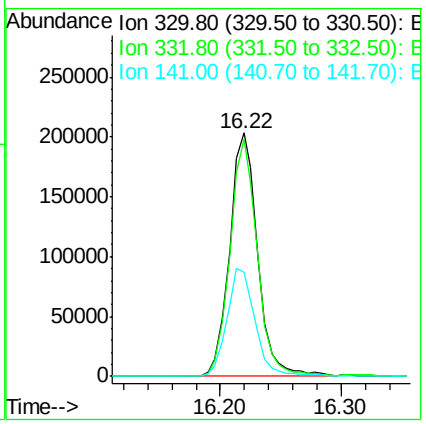


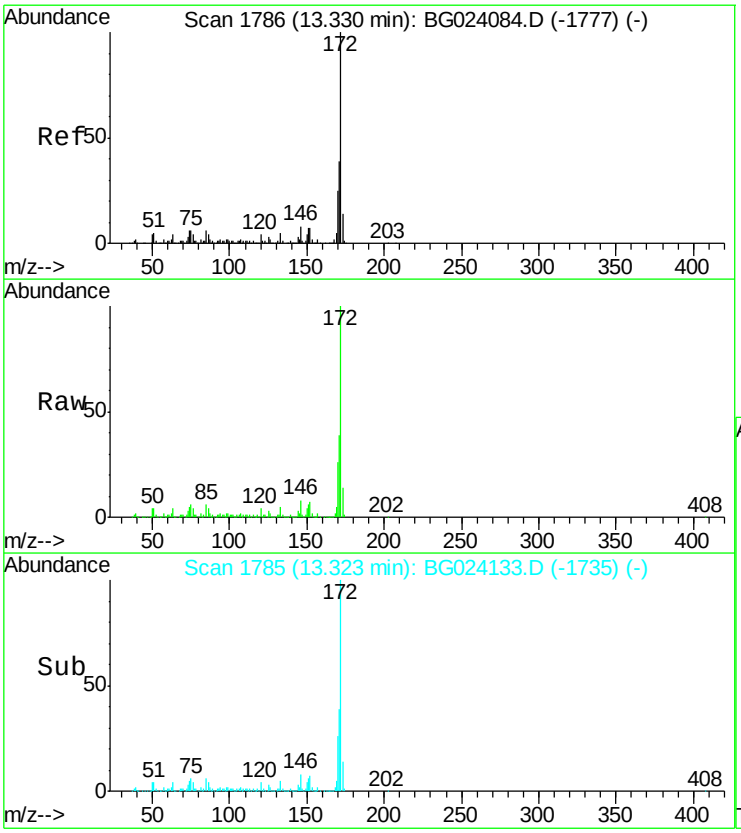
#41
2,4,6-Tribromophenol
Concen: 142.06 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Instrument :
BNA_G
ClientSampleId :
MW-02I-092116

Tgt Ion:330 Resp: 327228

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	44.7	31.7	47.5

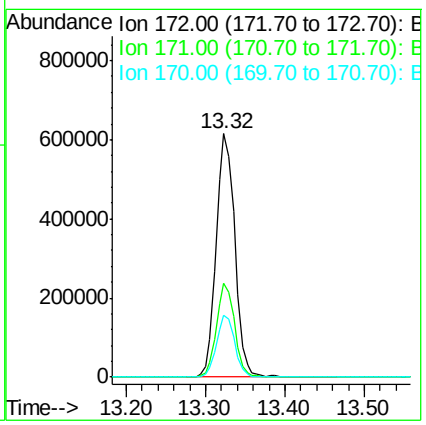


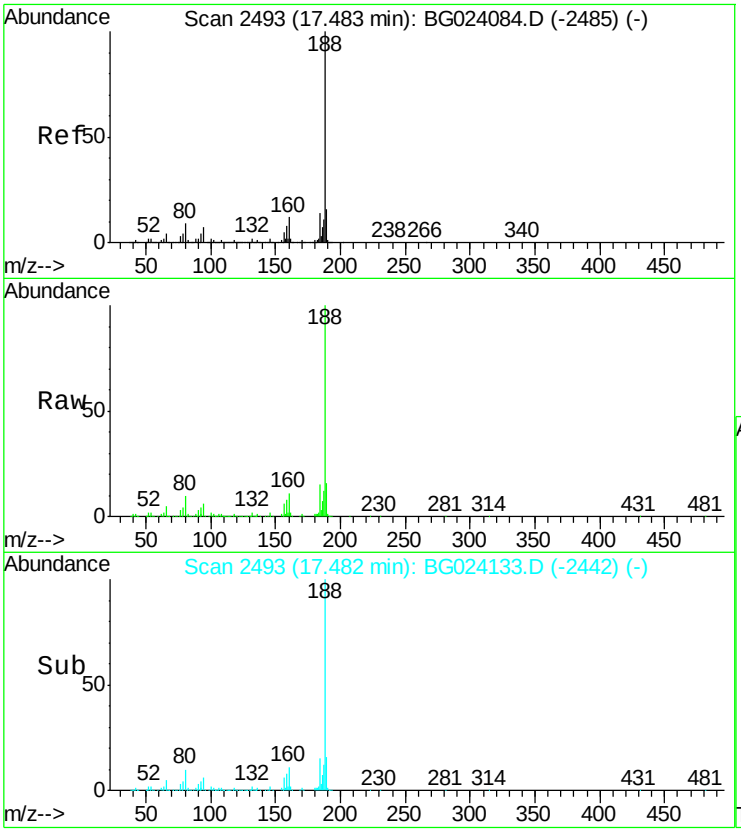


#44
2-Fluorobiphenyl
Concen: 105.28 ng
RT: 13.32 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Tgt Ion:172 Resp: 1003710

Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.6	47.4
170	25.7	21.3	31.9



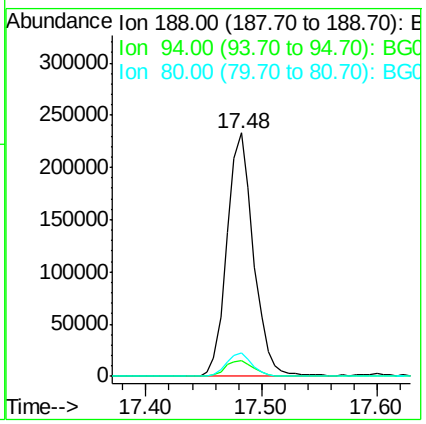


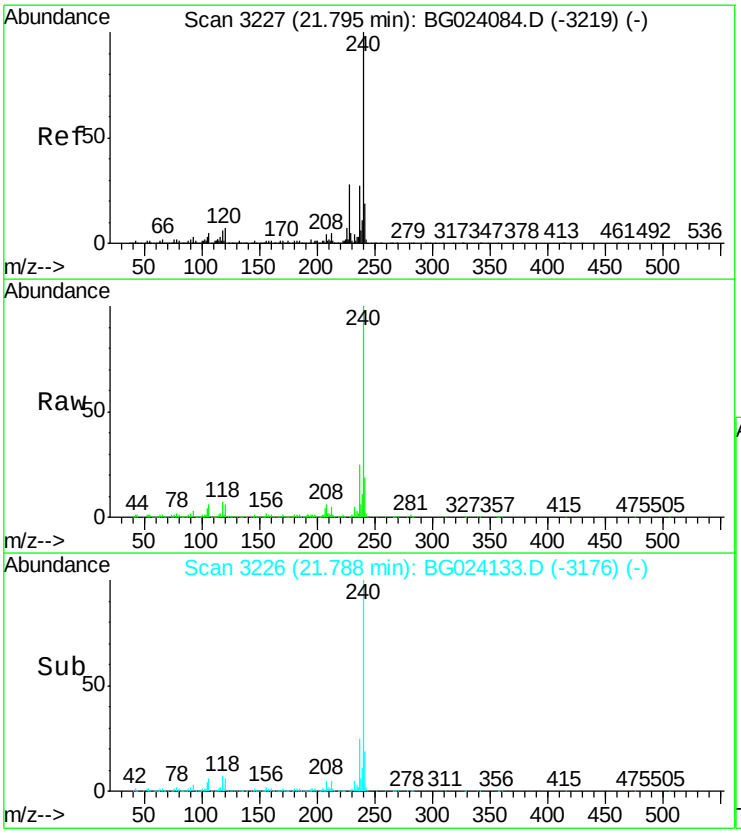
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Instrument :
BNA_G
ClientSampleId :
MW-02I-092116

Tgt Ion:188 Resp: 370812

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.2	7.8
80	9.5	7.2	10.8

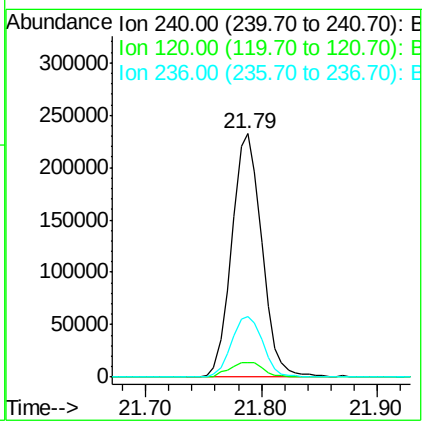


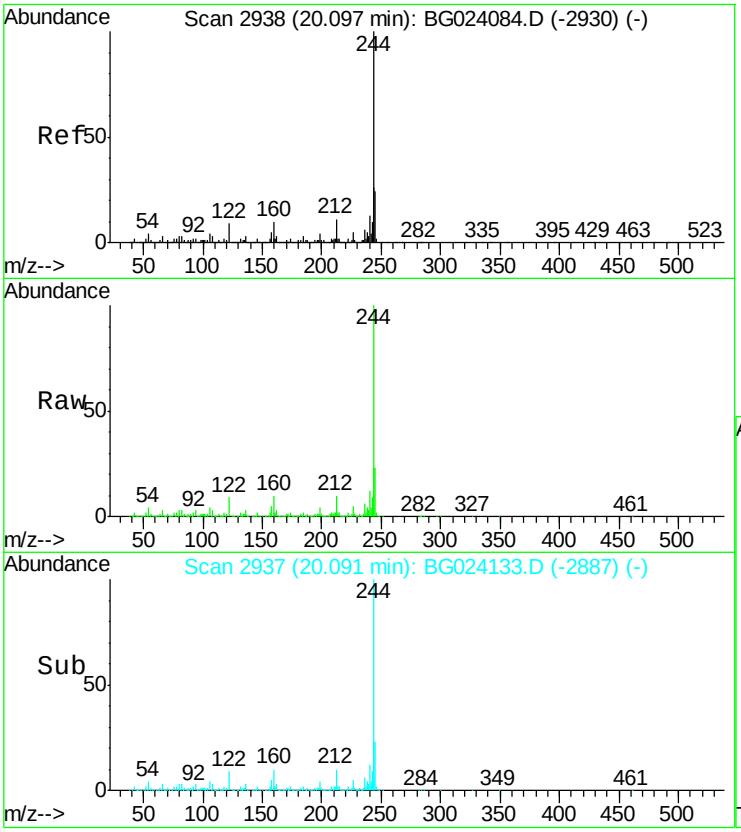


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Tgt Ion:240 Resp: 418207

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.1	6.1#
236	24.9	21.1	31.7



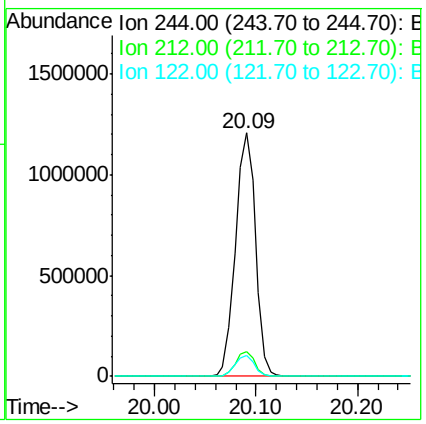


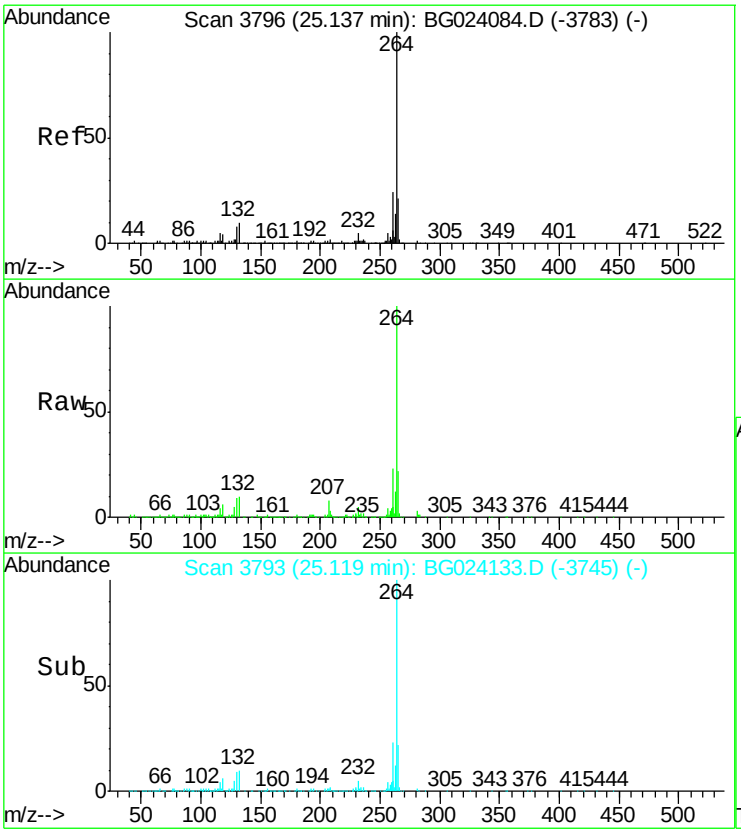
#78
Terphenyl-d14
Concen: 80.93 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Instrument :
BNA_G
ClientSampleId :
MW-02I-092116

Tgt Ion:244 Resp: 1653008

Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.8	16.2#
122	8.8	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.12 min Scan# 3793
Delta R.T. -0.02 min
Lab File: BG024133.D
Acq: 24 Sep 2016 20:56

Tgt Ion:264 Resp: 409348

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	22.2	18.9	28.3