Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024118.D
Acq On : 24 Sep 2016 10:44
Operator : UM/SJ
Sample : H4902-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-01-092116

Quant Time: Sep 26 01:06:26 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	40074	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	178187	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	146826	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	366023	20.00	ng	0.00
75) Chrysene-d12	21.79	240	418866	20.00	ng	0.00
86) Perylene-d12	25.13	264	401722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	195818	84.66	ng	0.00
7) Phenol-d6	7.22	99	185534	47.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	452282	100.04	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	319024	151.16	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	913626	104.60	ng	0.00
78) Terphenyl-d14	20.09	244	1779645	87.00	ng	0.00
Target Compounds						Qvalue

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

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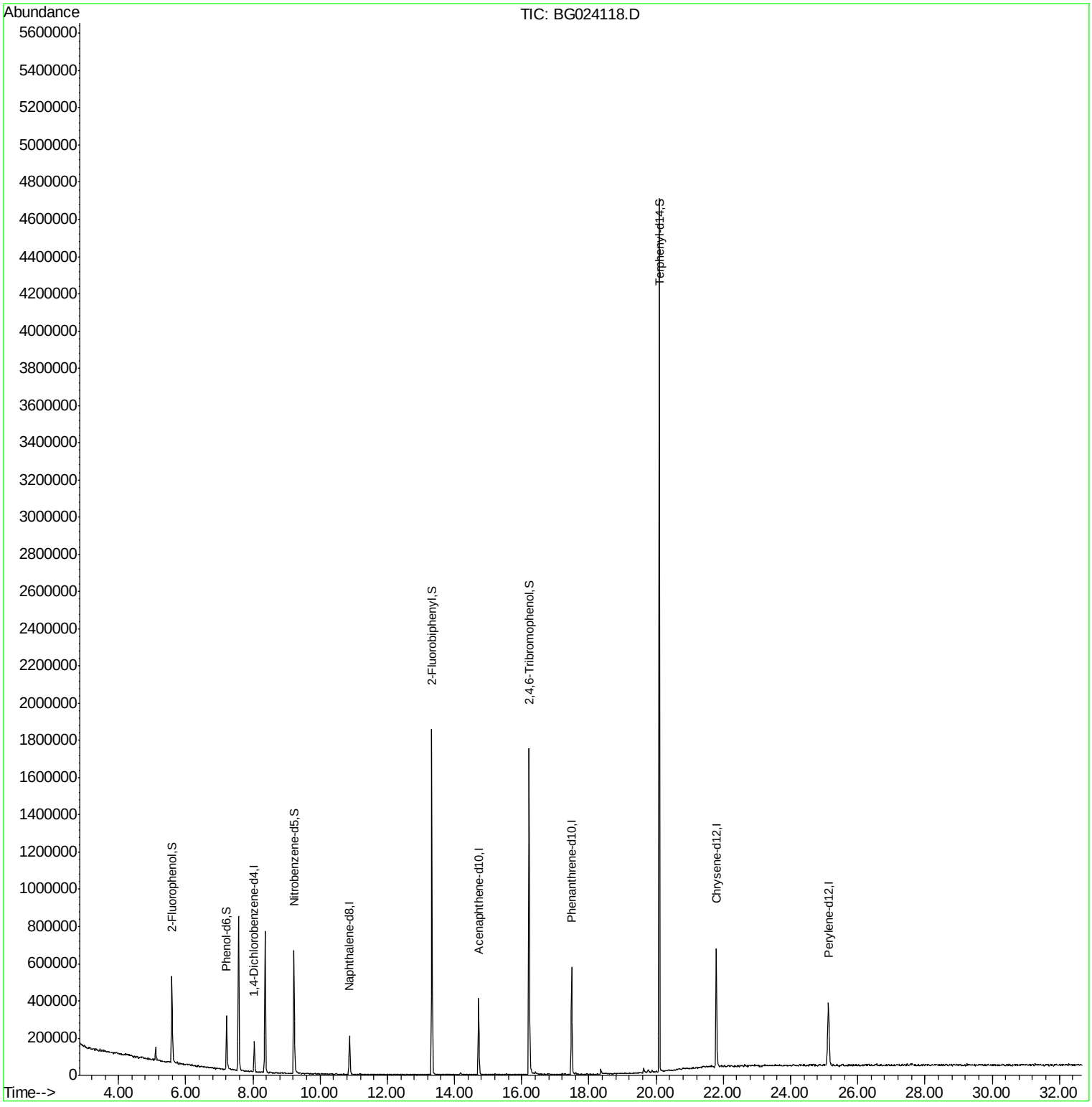
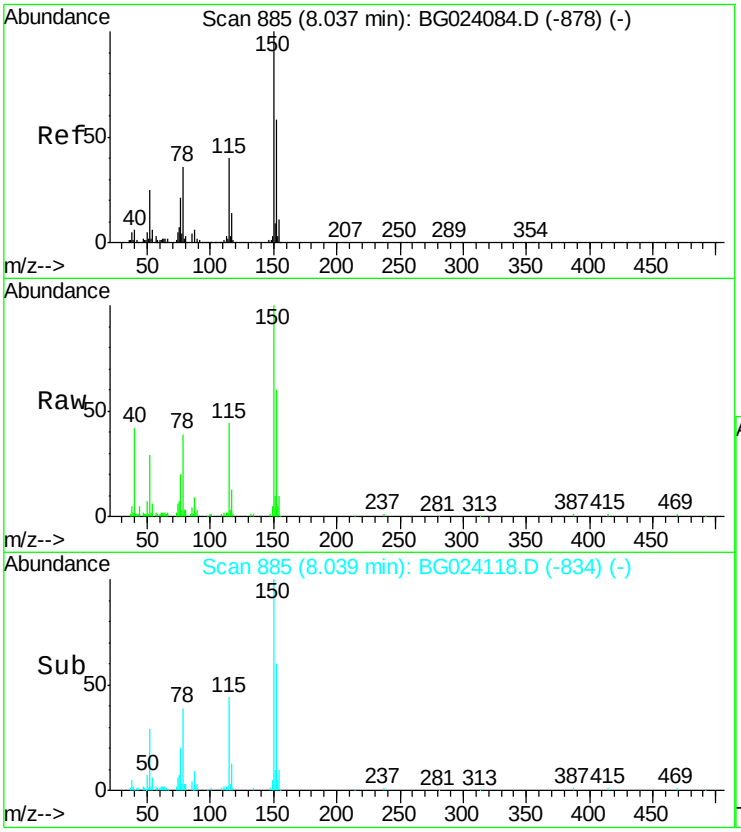


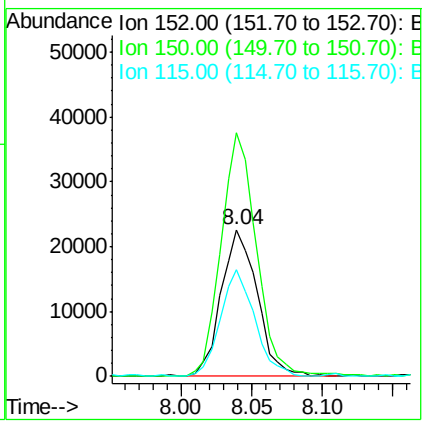


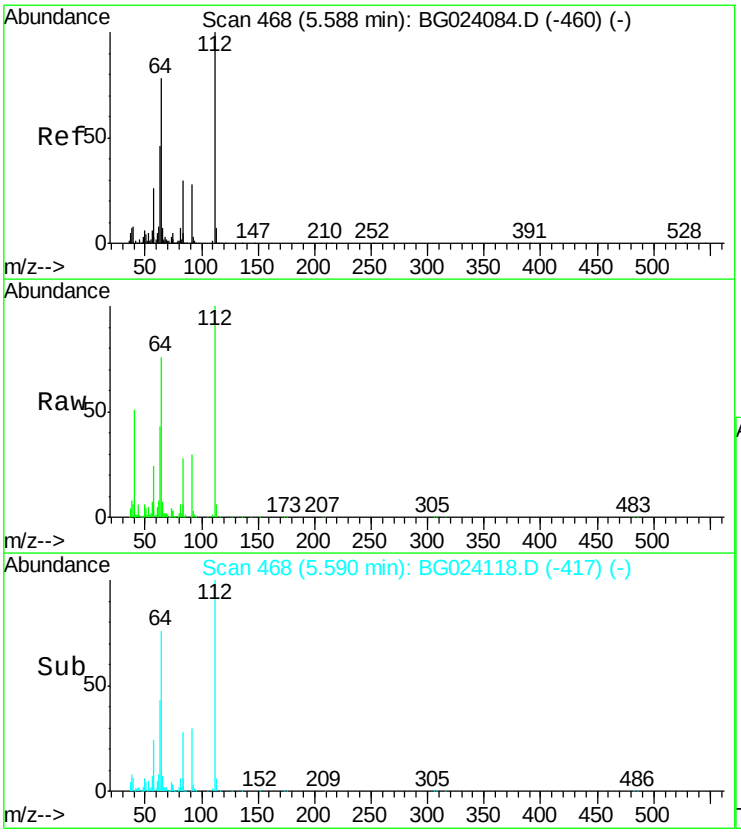
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Instrument :
BNA_G
ClientSampleId :
FB-01-092116

Tgt Ion:152 Resp: 40074

Ion	Ratio	Lower	Upper
152	100		
150	165.8	144.7	217.1
115	72.6	64.0	96.0

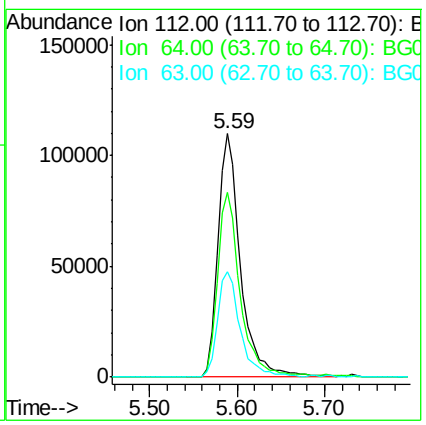


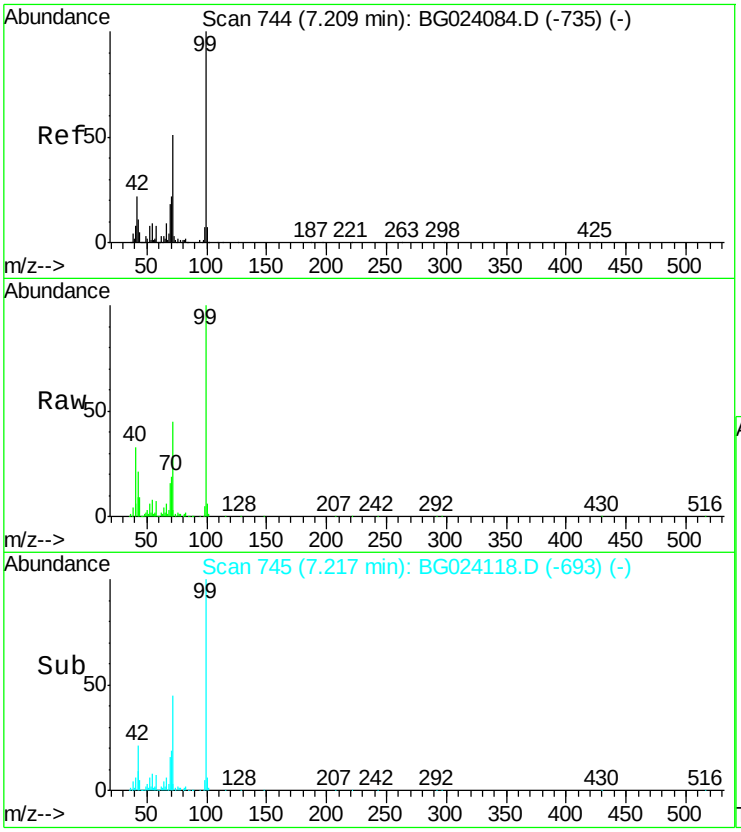


#5
2-Fluorophenol
Concen: 84.66 ng
RT: 5.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Tgt Ion:112 Resp: 195818

Ion	Ratio	Lower	Upper
112	100		
64	75.7	59.0	88.4
63	43.1	37.8	56.8



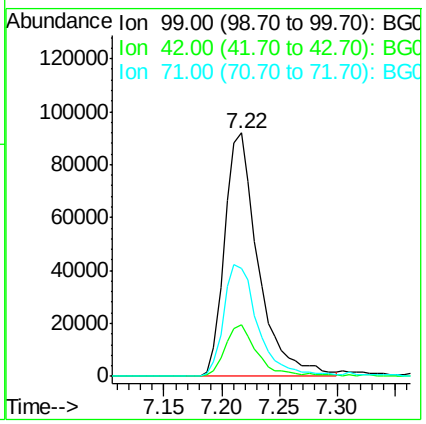


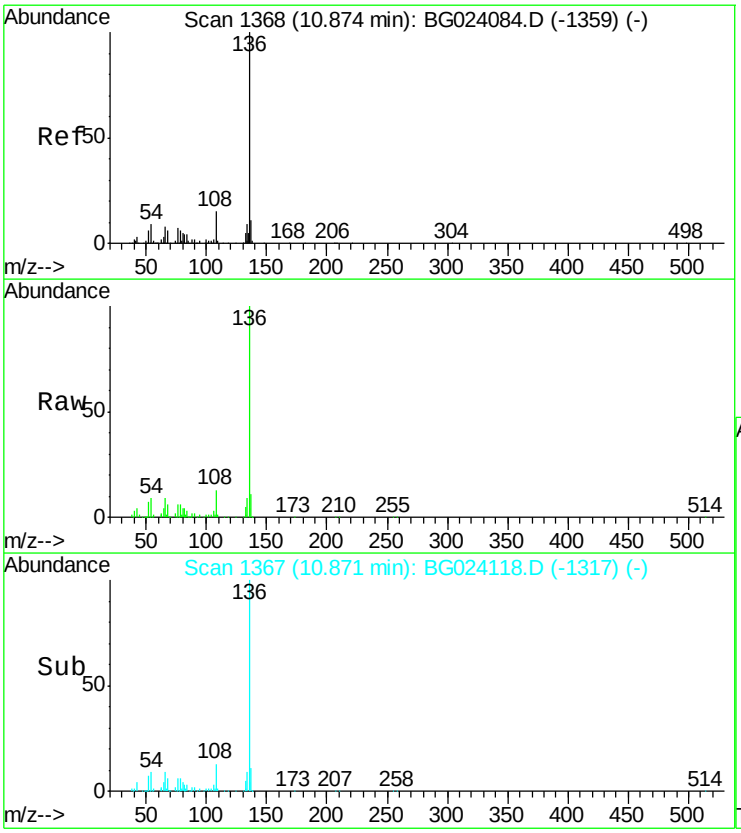
#7
Phenol-d6
Concen: 47.67 ng
RT: 7.22 min Scan# 745
Delta R.T. 0.01 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Instrument :
BNA_G
ClientSampleId :
FB-01-092116

Tgt Ion: 99 Resp: 185534

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.8	26.6
71	44.5	41.5	62.3

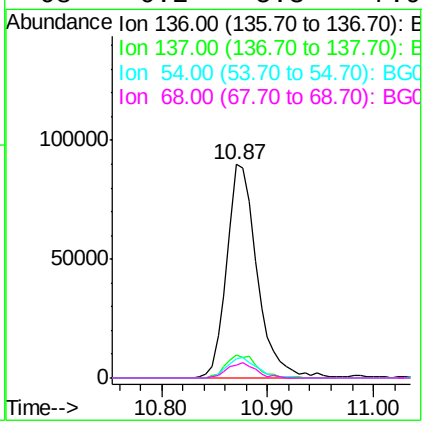


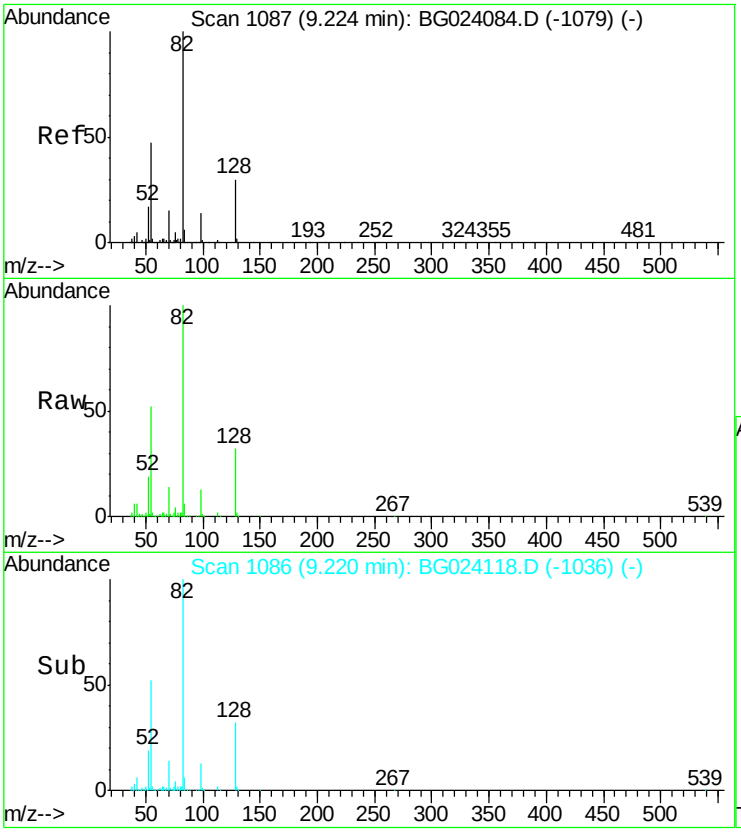


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Tgt Ion:136 Resp: 178187

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.0	7.3	10.9
68	6.2	5.3	7.9



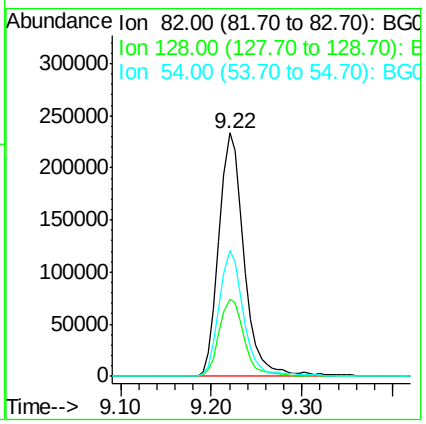


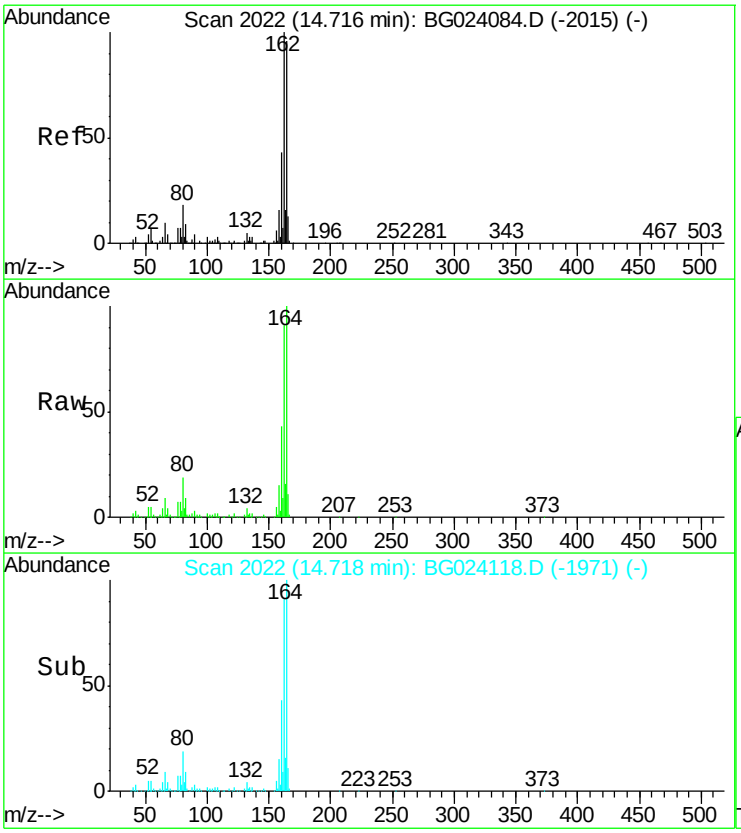
#23
Nitrobenzene-d5
Concen: 100.04 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Instrument :
BNA_G
ClientSampleId :
FB-01-092116

Tgt Ion: 82 Resp: 452282

Ion	Ratio	Lower	Upper
82	100		
128	31.8	24.4	36.6
54	51.7	41.4	62.0

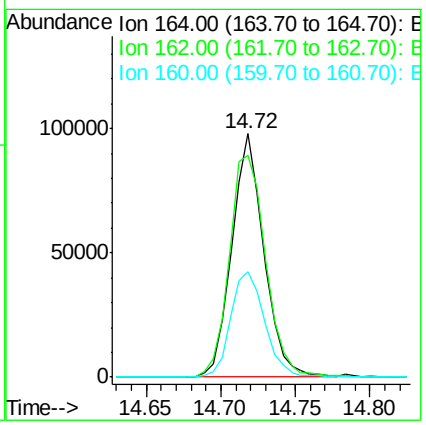


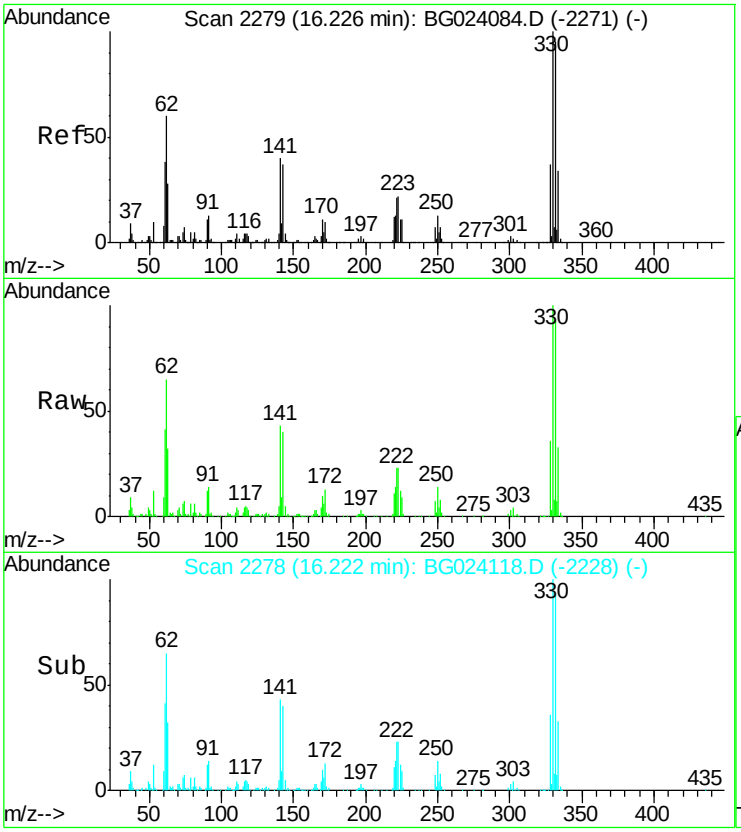


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Tgt Ion:164 Resp: 146826

Ion	Ratio	Lower	Upper
164	100		
162	91.0	87.7	131.5
160	43.1	37.2	55.8



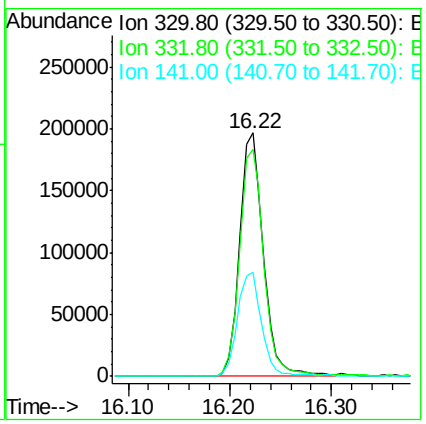


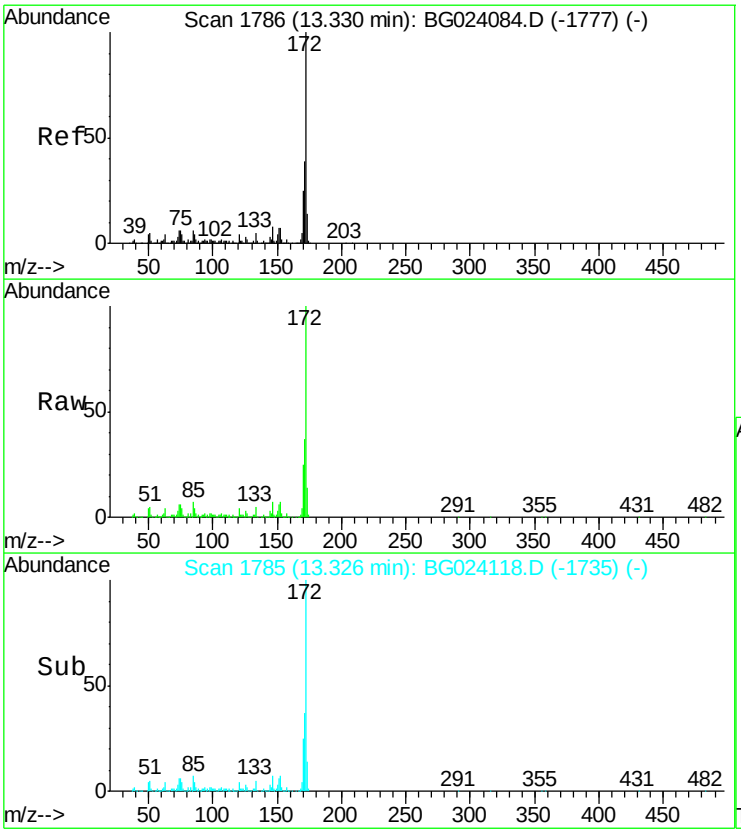
#41
2,4,6-Tribromophenol
Concen: 151.16 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Instrument :
BNA_G
ClientSampleId :
FB-01-092116

Tgt Ion:330 Resp: 319024

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	43.3	31.7	47.5

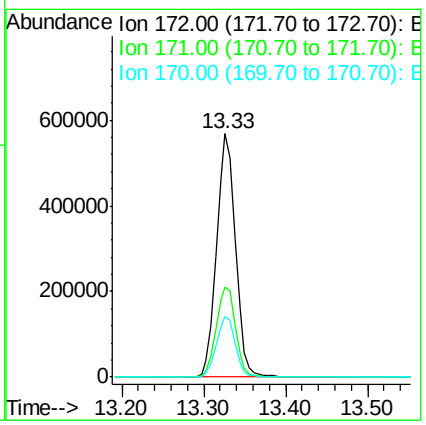


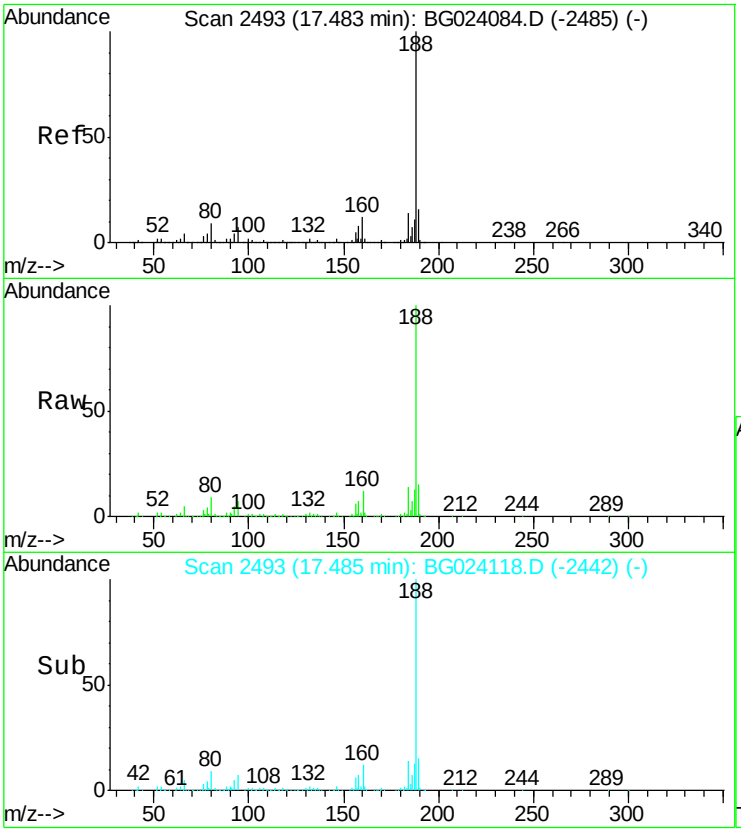


#44
2-Fluorobiphenyl
Concen: 104.60 ng
RT: 13.33 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Tgt Ion:172 Resp: 913626

Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.6	47.4
170	25.1	21.3	31.9



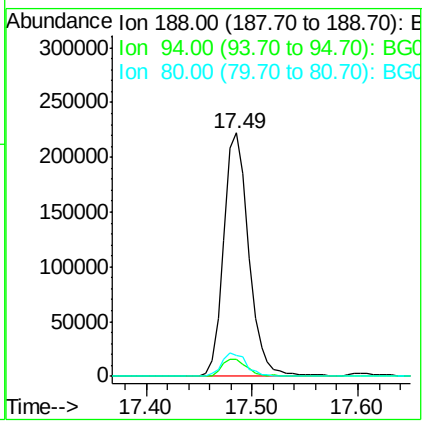


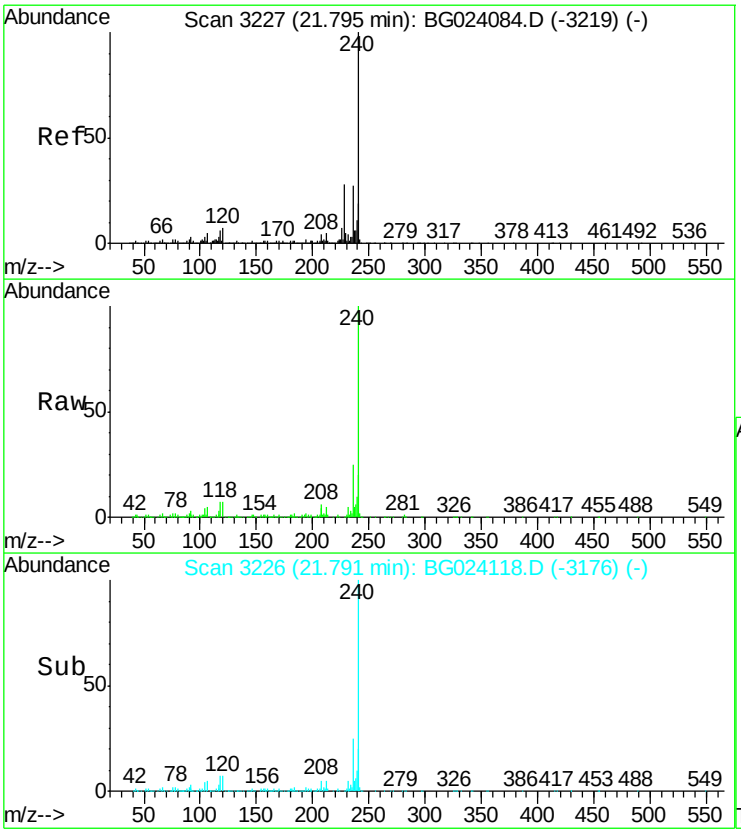
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Instrument :
BNA_G
ClientSampleId :
FB-01-092116

Tgt Ion:188 Resp: 366023

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.2	7.8
80	8.6	7.2	10.8

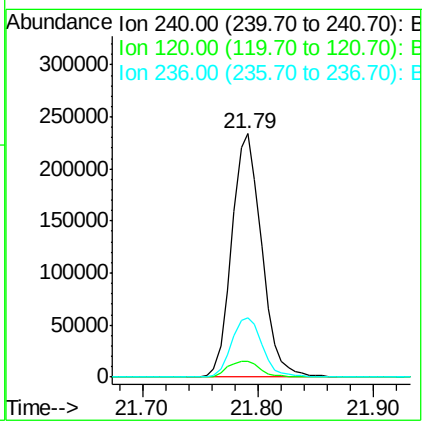


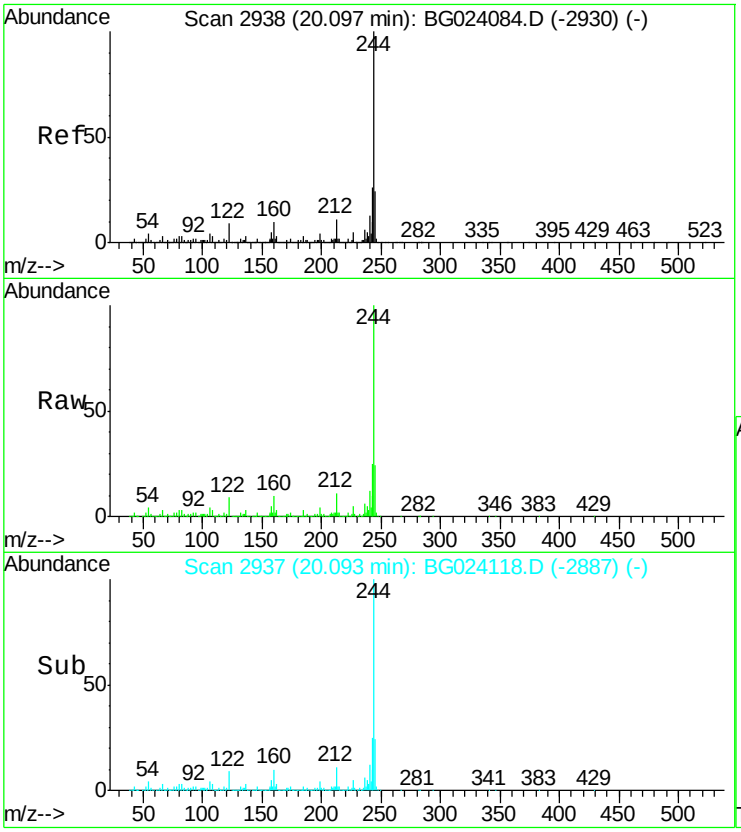


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.00 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Tgt Ion:240 Resp: 418866

Ion	Ratio	Lower	Upper
240	100		
120	6.6	4.1	6.1#
236	24.6	21.1	31.7



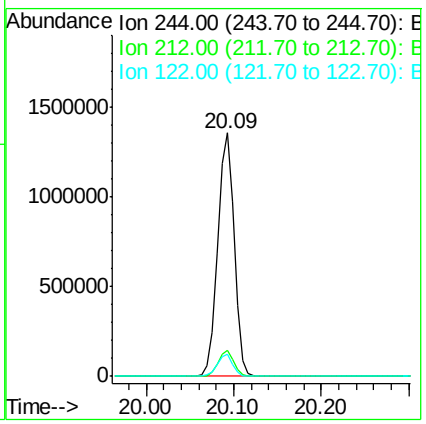


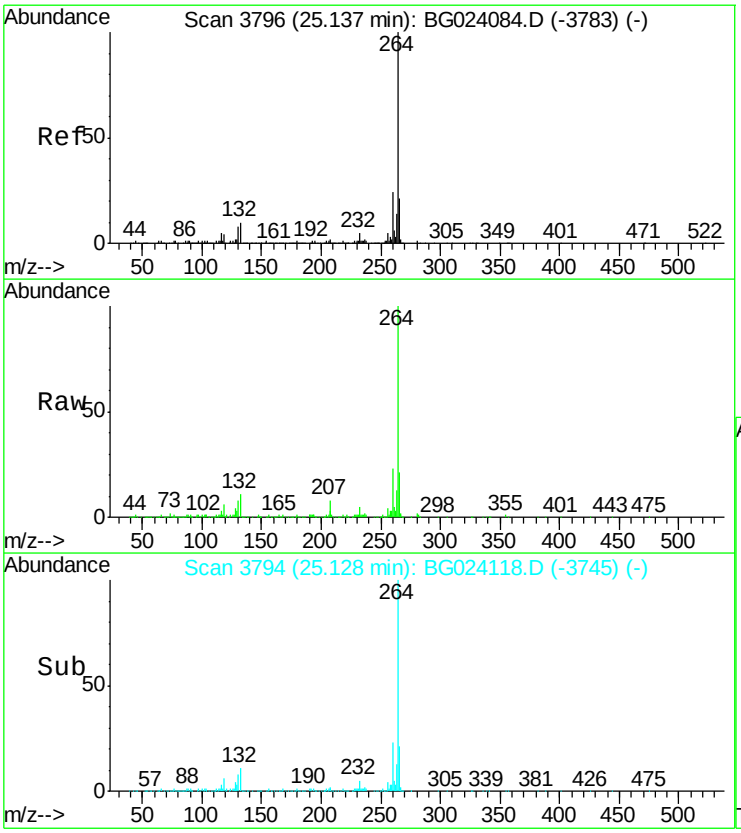
#78
Terphenyl-d14
Concen: 87.00 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.00 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Instrument :
BNA_G
ClientSampleId :
FB-01-092116

Tgt Ion:244 Resp: 1779645

Ion	Ratio	Lower	Upper
244	100		
212	10.8	10.8	16.2#
122	9.0	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG024118.D
Acq: 24 Sep 2016 10:44

Tgt Ion:264 Resp: 401722

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	21.0	18.9	28.3