Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
Data File : BG024159.D
Acq On : 30 Sep 2016 14:53
Operator : UM/SJ
Sample : H4998-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUP-B045-6-9

Quant Time: Sep 30 17:46:01 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	8.05	152	43597	20.00	ng	0.01
21) Naphthalene-d8	10.88	136	198989	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	159481	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	402975	20.00	ng	0.00
75) Chrysene-d12	21.79	240	480931	20.00	ng	0.00
86) Perylene-d12	25.12	264	454150	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	417642	165.96	ng	0.00
7) Phenol-d6	7.22	99	645930	152.55	ng	0.01
23) Nitrobenzene-d5	9.23	82	452807	89.69	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	301484	131.52	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	853615	89.97	ng	0.00
78) Terphenyl-d14	20.09	244	1548631	65.93	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.16	163	588212	48.08	ng	99

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

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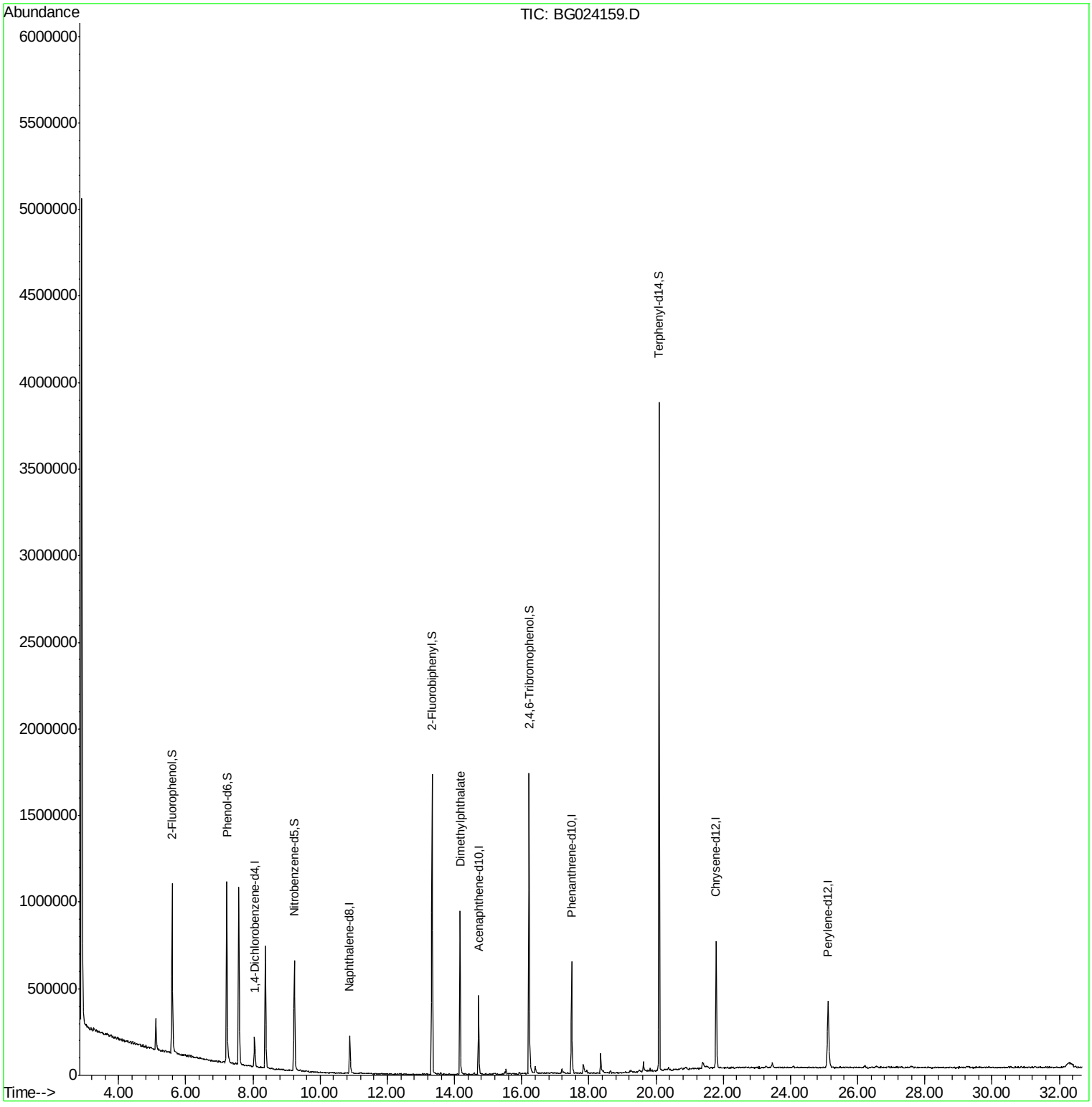
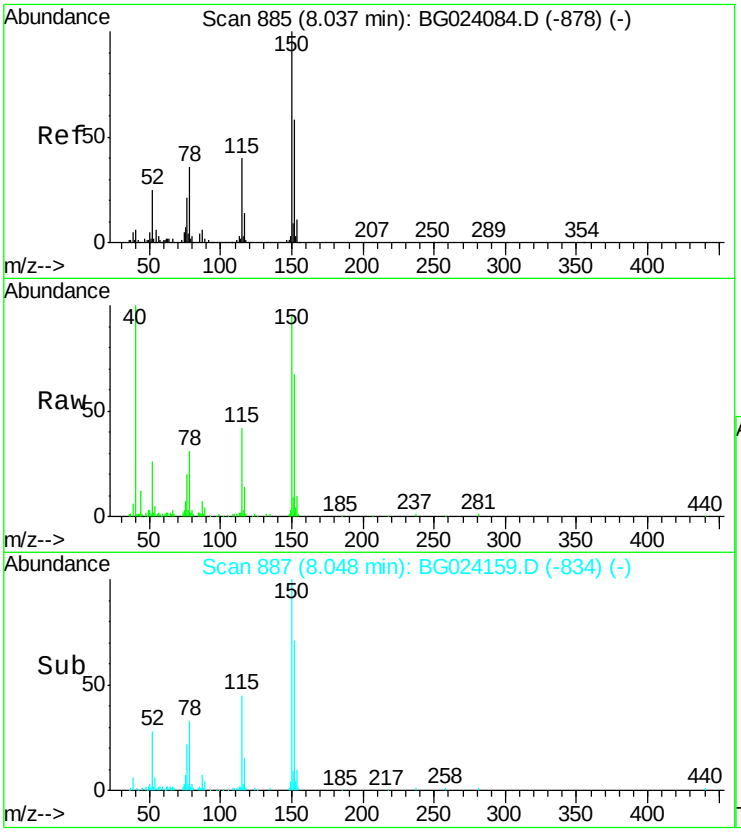


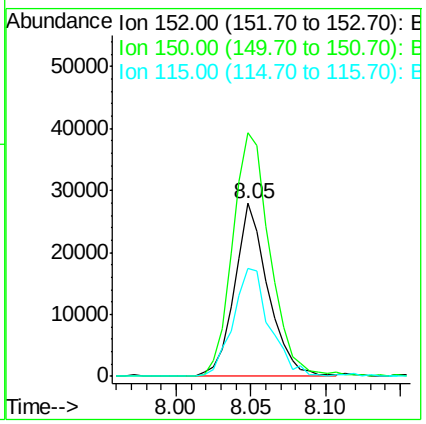


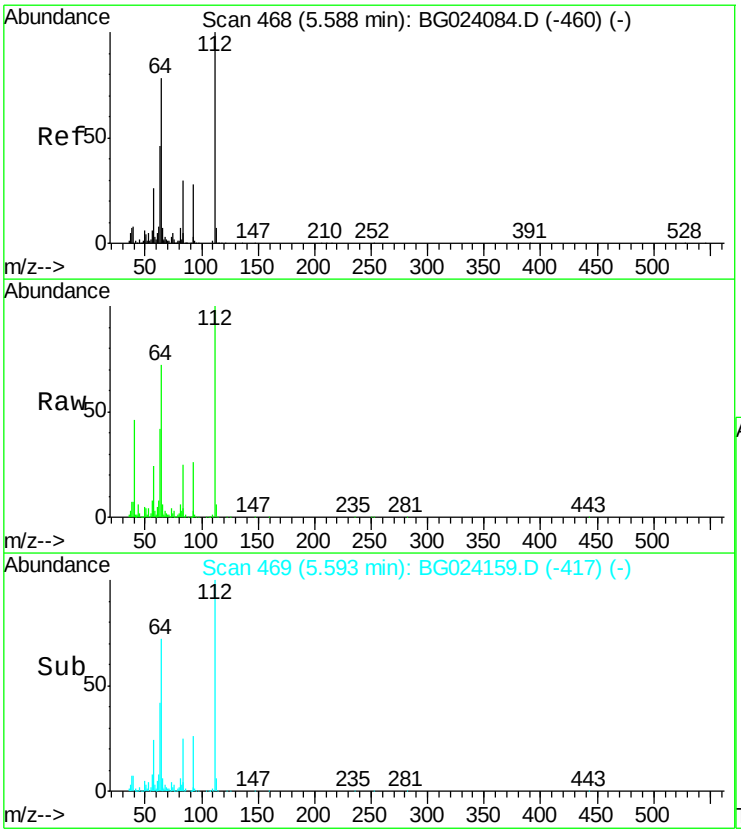
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. 0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Instrument :
BNA_G
ClientSampleId :
SUP-B045-6-9

Tgt Ion:152 Resp: 43597

Ion	Ratio	Lower	Upper
152	100		
150	140.6	144.7	217.1#
115	62.6	64.0	96.0#

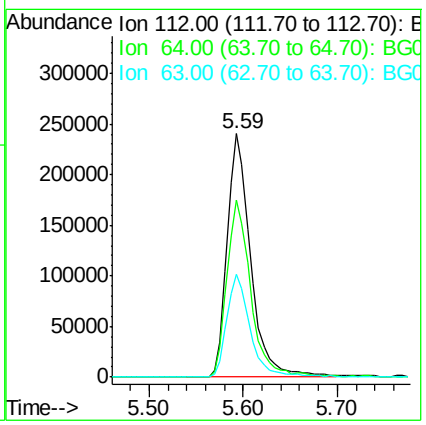


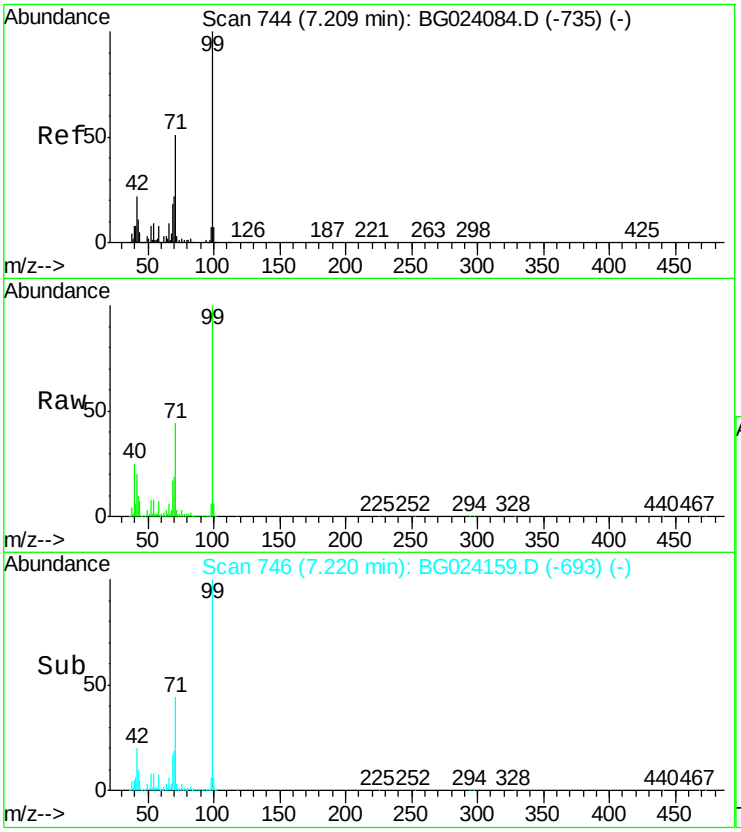


#5
2-Fluorophenol
Concen: 165.96 ng
RT: 5.59 min Scan# 469
Delta R.T. 0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Tgt Ion:112 Resp: 417642

Ion	Ratio	Lower	Upper
112	100		
64	72.5	59.0	88.4
63	42.1	37.8	56.8



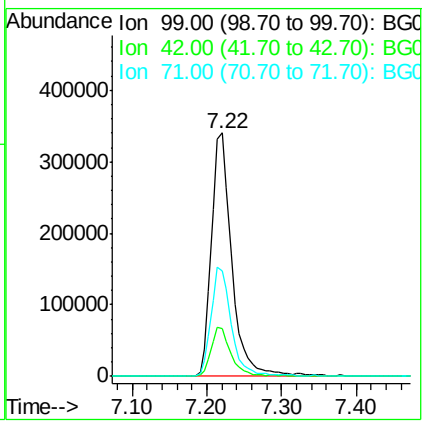


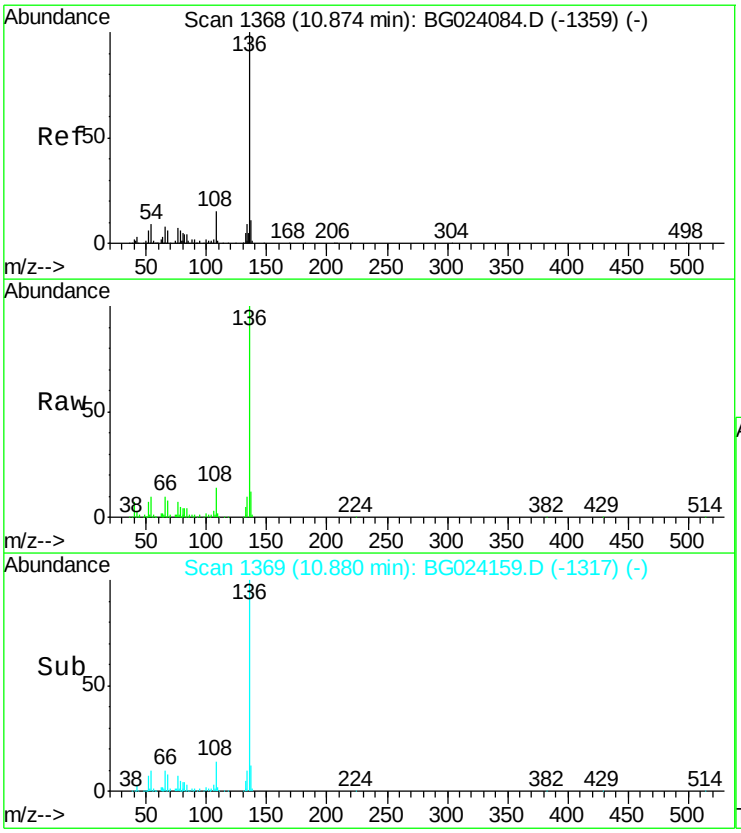
#7
Phenol-d6
Concen: 152.55 ng
RT: 7.22 min Scan# 746
Delta R.T. 0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Instrument :
BNA_G
ClientSampleId :
SUP-B045-6-9

Tgt Ion: 99 Resp: 645930

Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.8	26.6
71	43.5	41.5	62.3

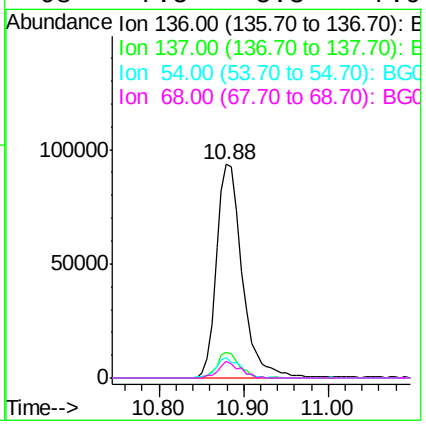


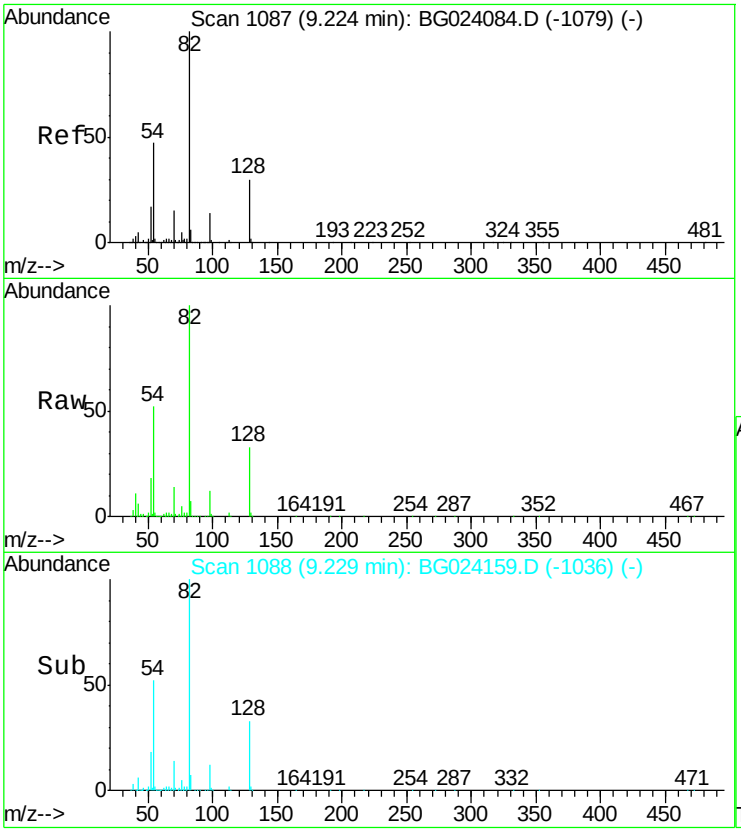


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Tgt Ion:136 Resp: 198989

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	9.6	7.3	10.9
68	7.5	5.3	7.9



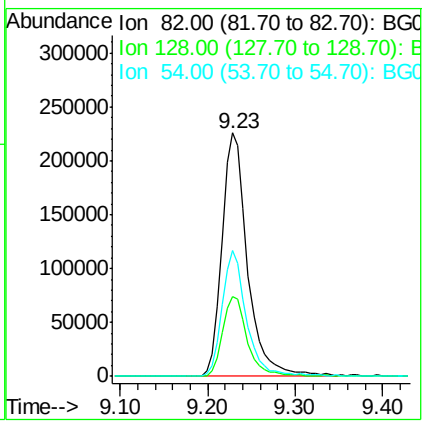


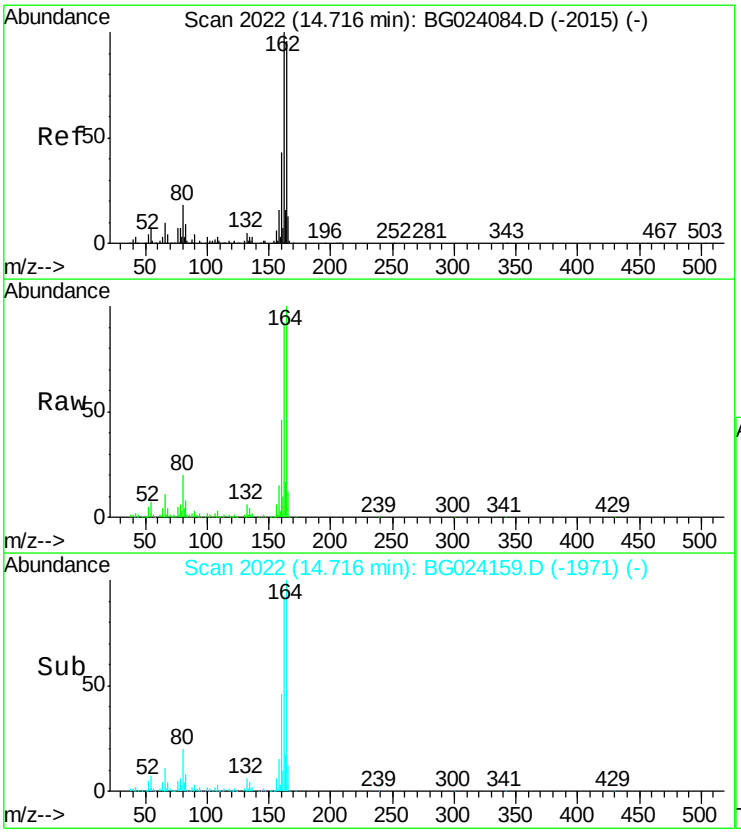
#23
Nitrobenzene-d5
Concen: 89.69 ng
RT: 9.23 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Instrument :
BNA_G
ClientSampleId :
SUP-B045-6-9

Tgt Ion: 82 Resp: 452807

Ion	Ratio	Lower	Upper
82	100		
128	32.6	24.4	36.6
54	51.5	41.4	62.0

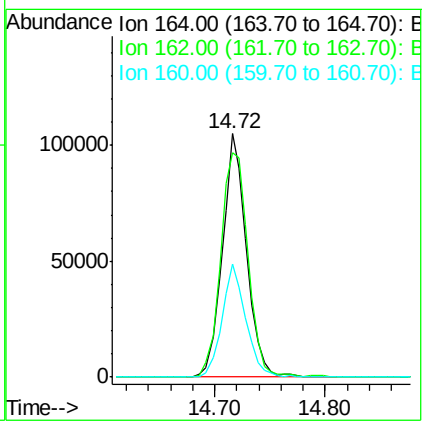


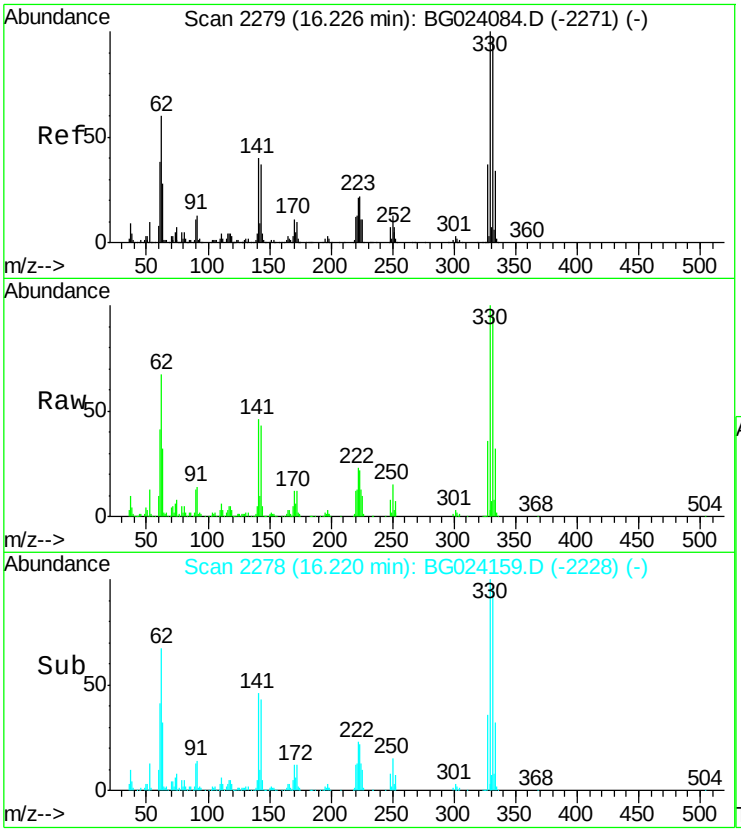


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Tgt Ion:164 Resp: 159481

Ion	Ratio	Lower	Upper
164	100		
162	92.1	87.7	131.5
160	46.4	37.2	55.8



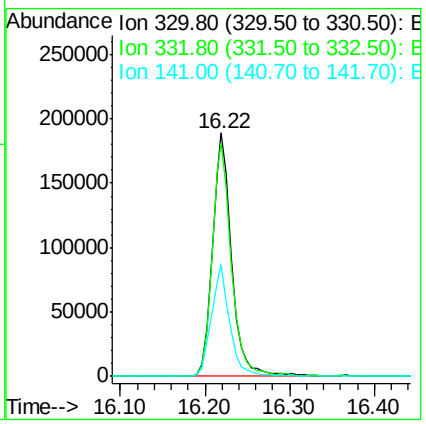


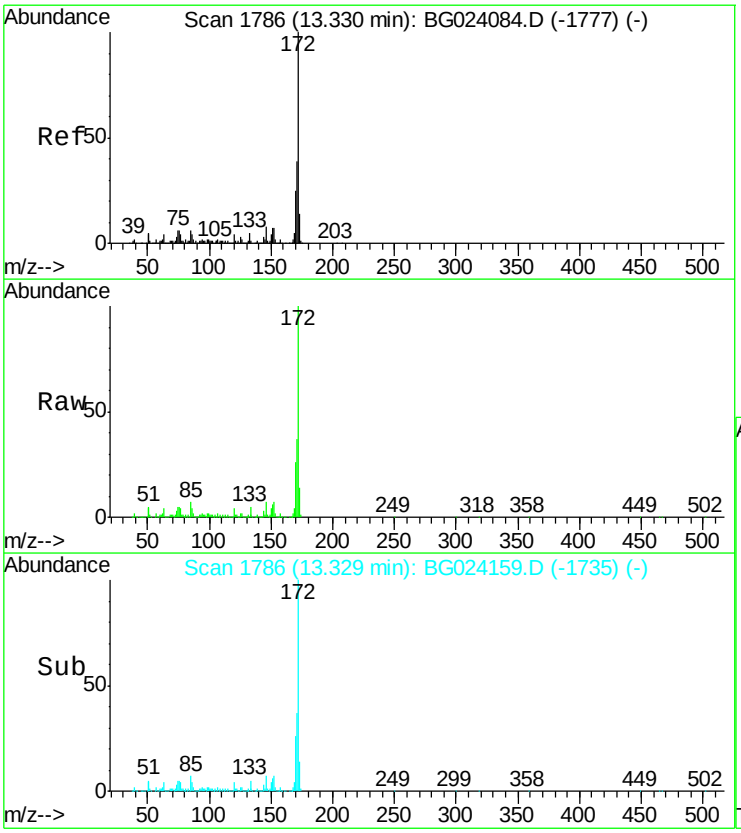
#41
2,4,6-Tribromophenol
Concen: 131.52 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Instrument :
BNA_G
ClientSampleId :
SUP-B045-6-9

Tgt Ion:330 Resp: 301484

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.4	116.2
141	43.7	31.7	47.5

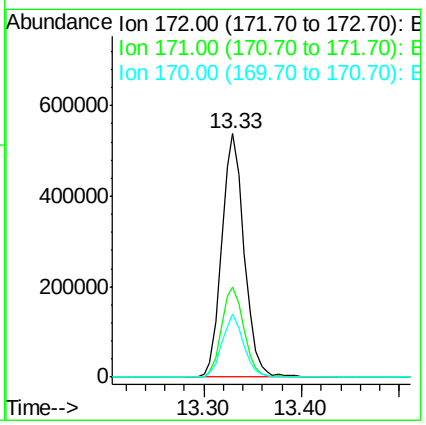


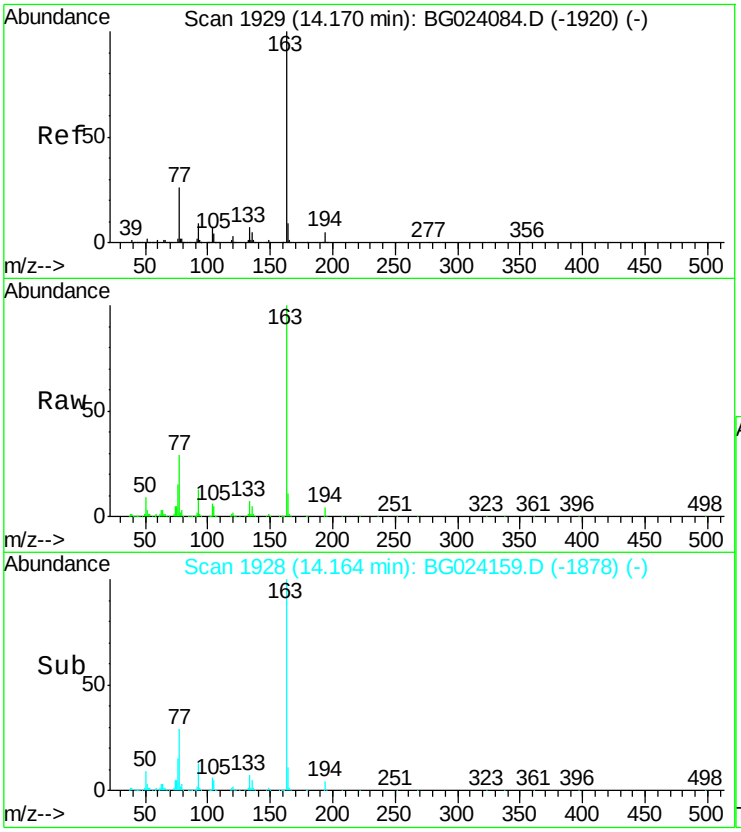


#44
2-Fluorobiphenyl
Concen: 89.97 ng
RT: 13.33 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Tgt Ion:172 Resp: 853615

Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.6	47.4
170	25.8	21.3	31.9



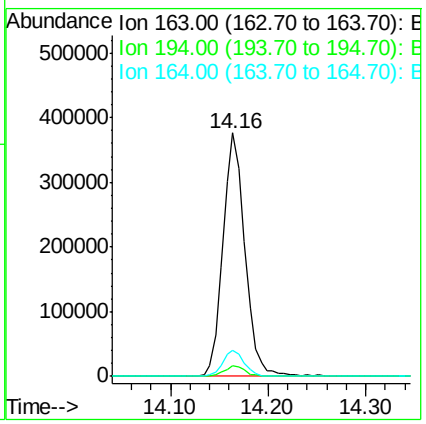


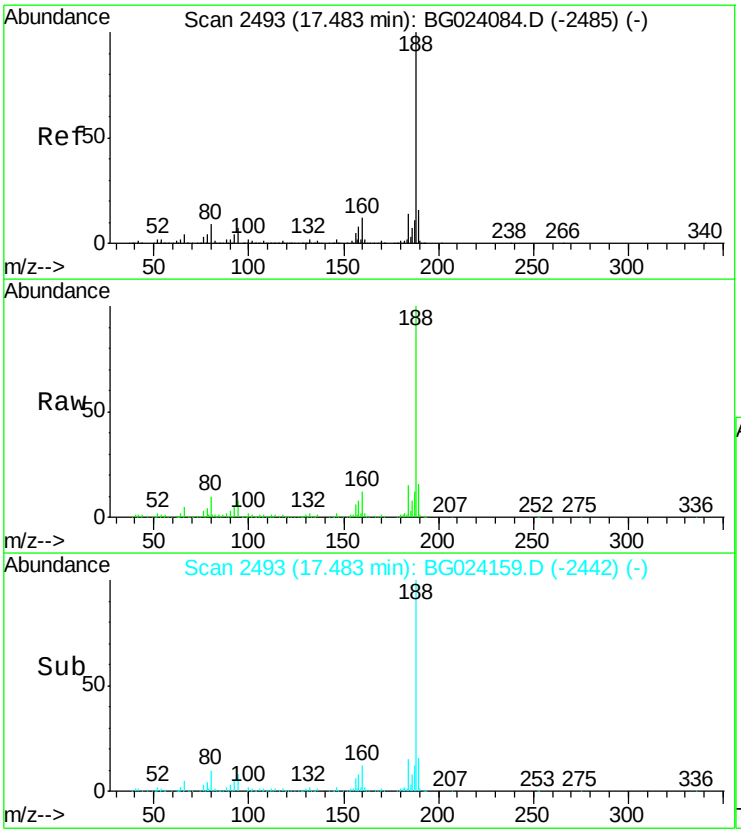
#49
Dimethylphthalate
Concen: 48.08 ng
RT: 14.16 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Instrument :
BNA_G
ClientSampleId :
SUP-B045-6-9

Tgt Ion:163 Resp: 588212

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.7	8.1	12.1

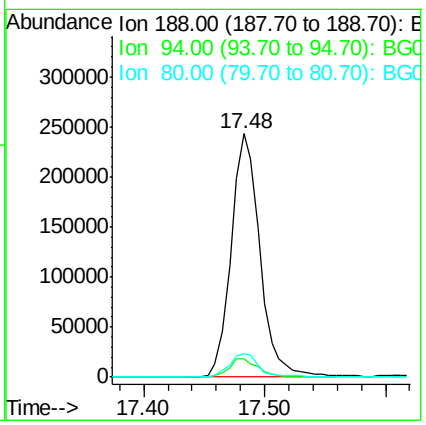


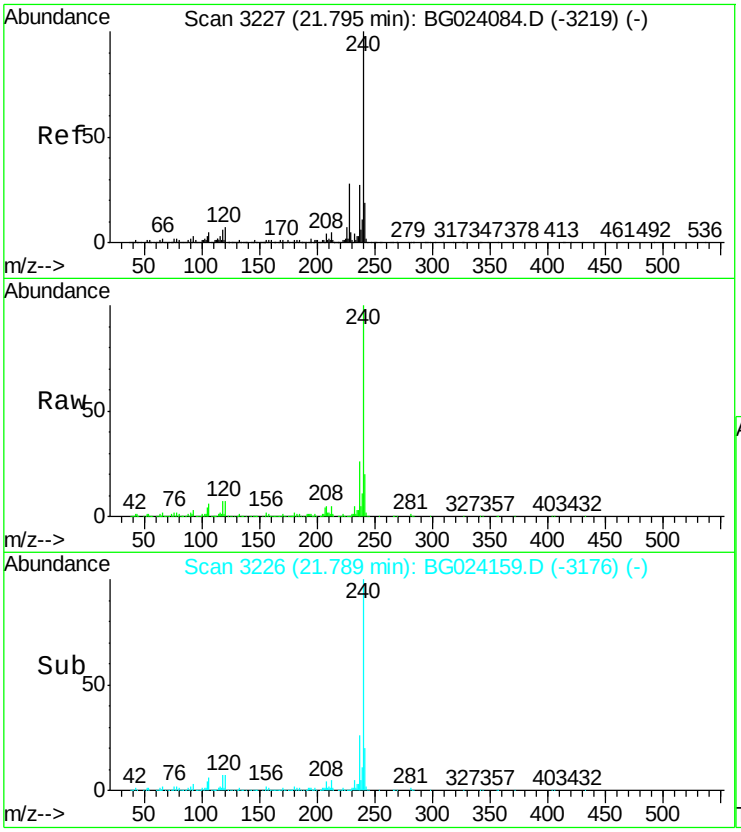


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Tgt Ion:188 Resp: 402975

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.2	7.8
80	9.6	7.2	10.8



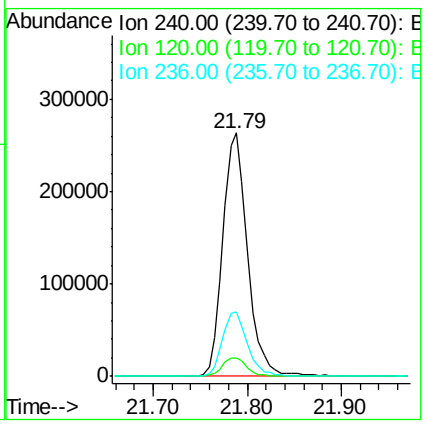


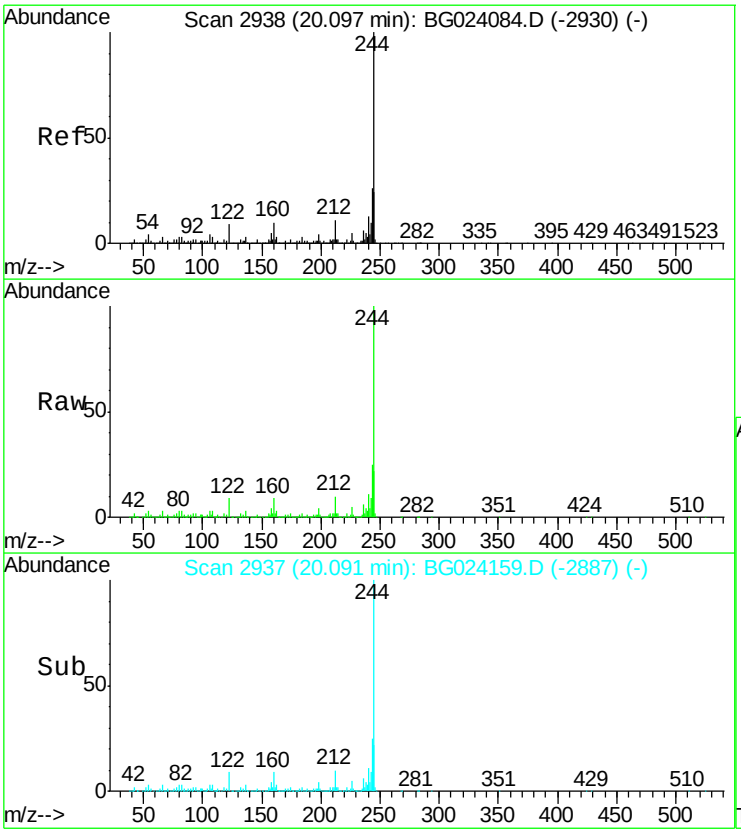
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Instrument :
BNA_G
ClientSampleId :
SUP-B045-6-9

Tgt Ion:240 Resp: 480931

Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.1	6.1#
236	26.2	21.1	31.7

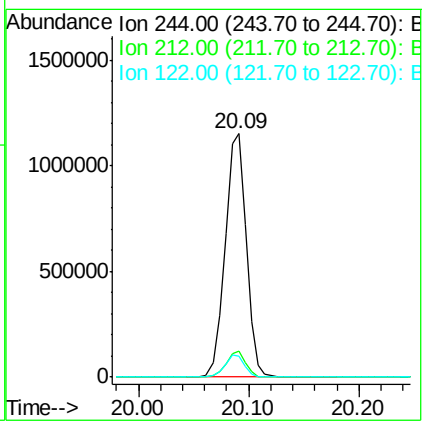


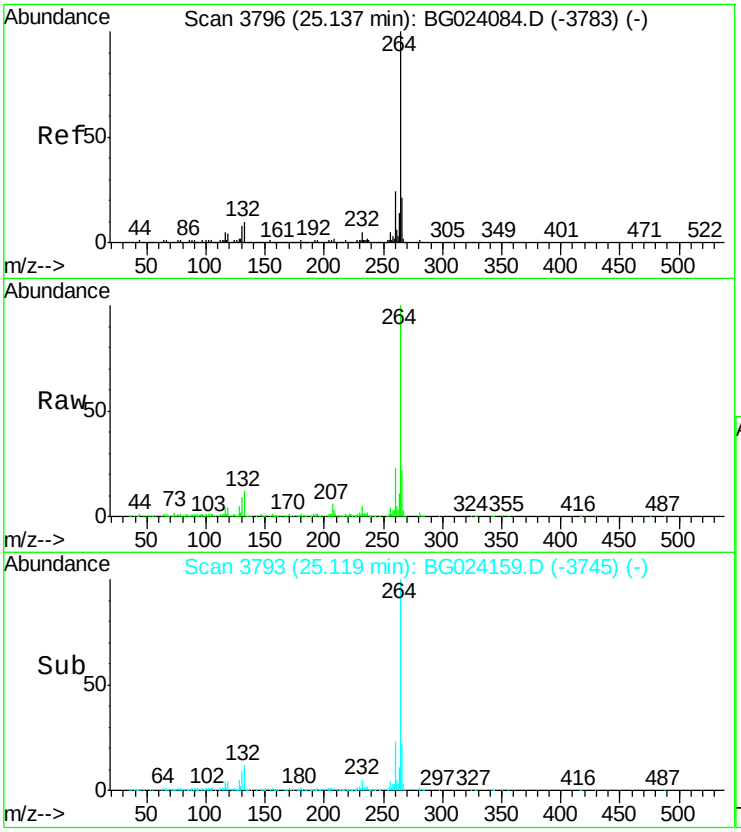


#78
Terphenyl-d14
Concen: 65.93 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024159.D
Acq: 30 Sep 2016 14:53

Tgt Ion:244 Resp: 1548631

Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.8	16.2#
122	8.7	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: BG024159.D
Acq: 30 Sep 2016 14:53

Instrument :
BNA_G
ClientSampleId :
SUP-B045-6-9

Tgt Ion:264 Resp: 454150

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	22.3	18.9	28.3