Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024116.D
Acq On : 24 Sep 2016 9:28
Operator : UM/SJ
Sample : H4893-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-12

Quant Time: Sep 26 01:02:35 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	41398	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	193233	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	152234	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	360017	20.00	ng	0.00
75) Chrysene-d12	21.79	240	397542	20.00	ng	0.00
86) Perylene-d12	25.12	264	389515	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	180051	75.35	ng	0.00
7) Phenol-d6	7.22	99	169529	42.16	ng	0.00
23) Nitrobenzene-d5	9.22	82	501413	102.27	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	332610	152.00	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1000744	110.50	ng	0.00
78) Terphenyl-d14	20.09	244	1404895	72.36	ng	0.00
Target Compounds						Qvalue

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

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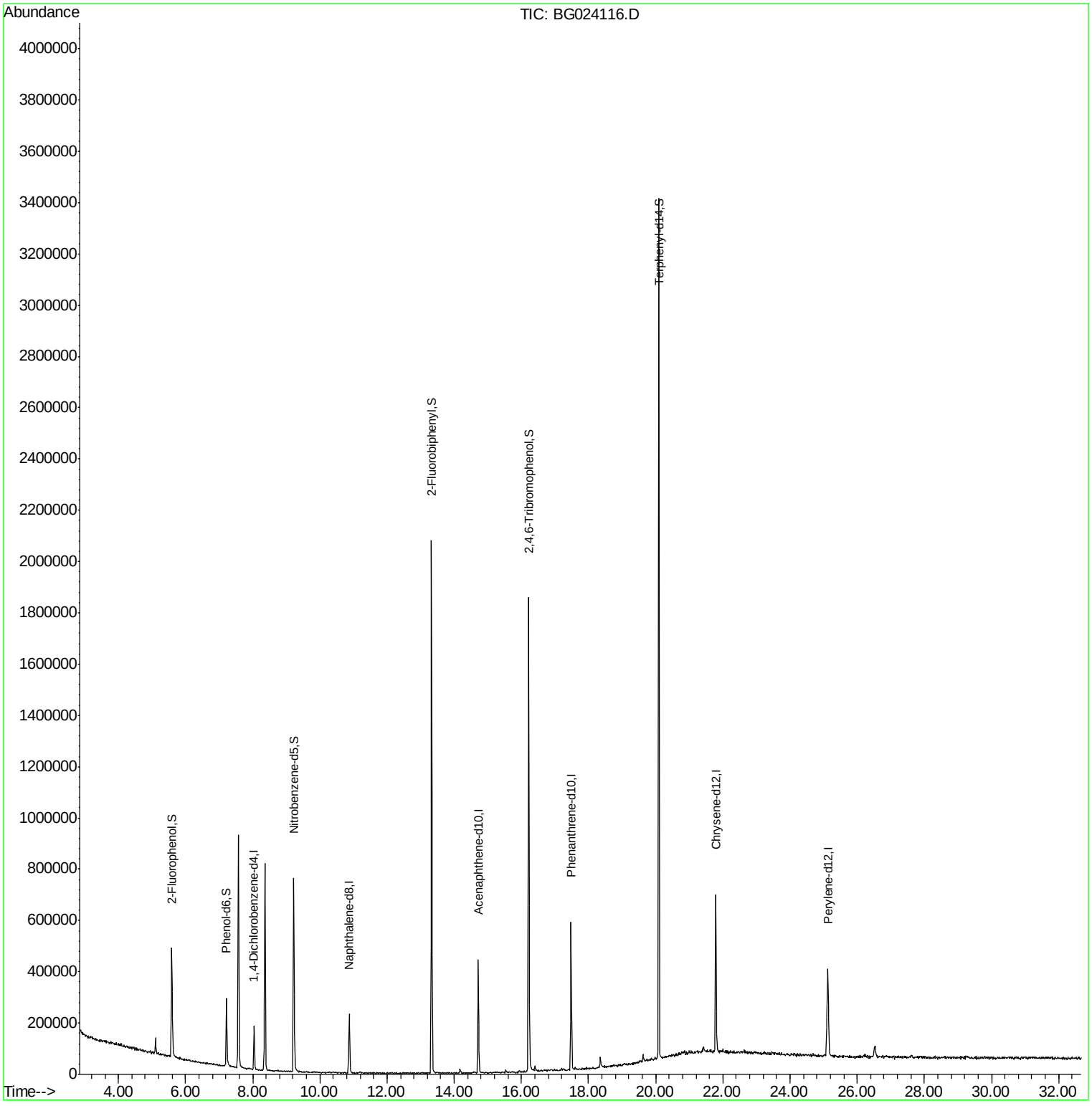
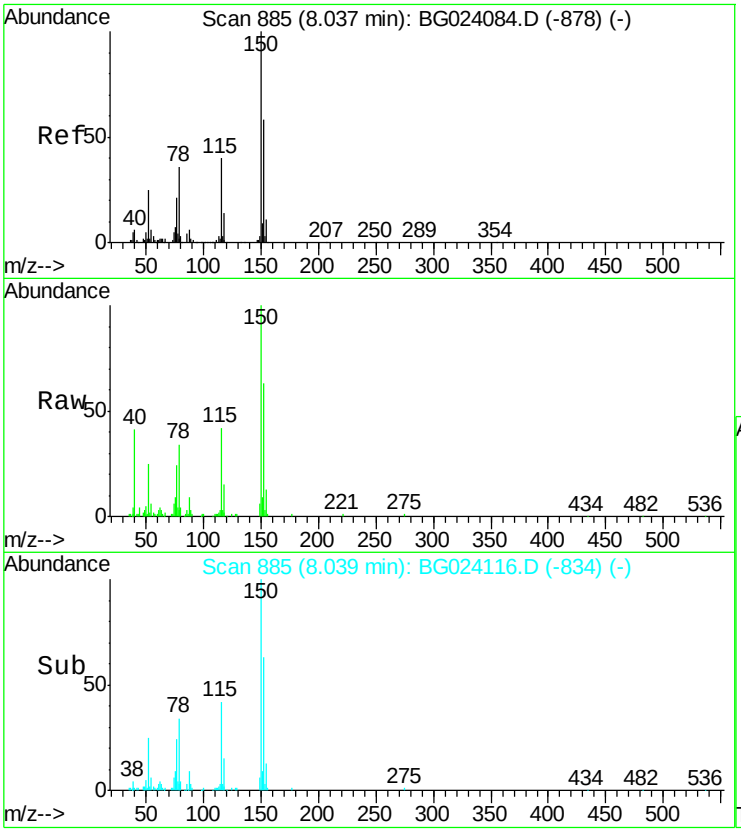


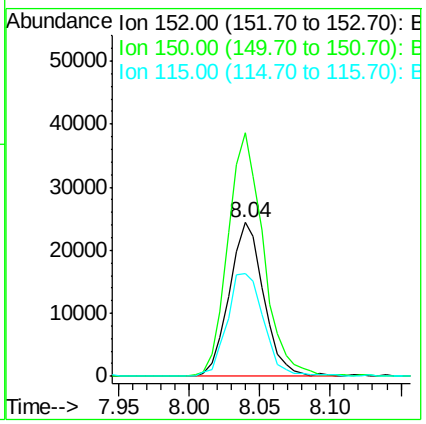


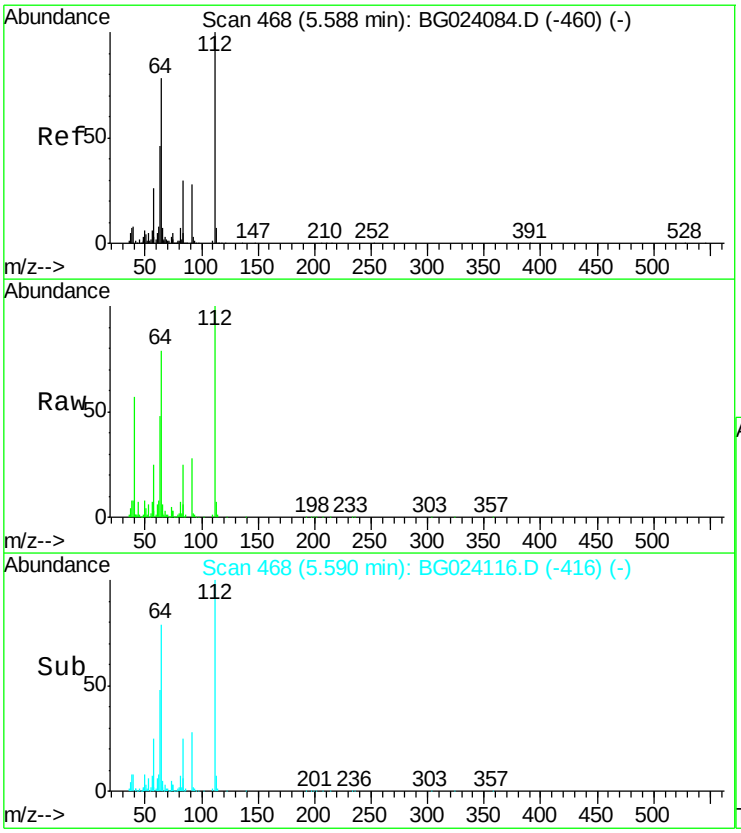
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion:152 Resp: 41398

Ion	Ratio	Lower	Upper
152	100		
150	158.5	144.7	217.1
115	66.6	64.0	96.0

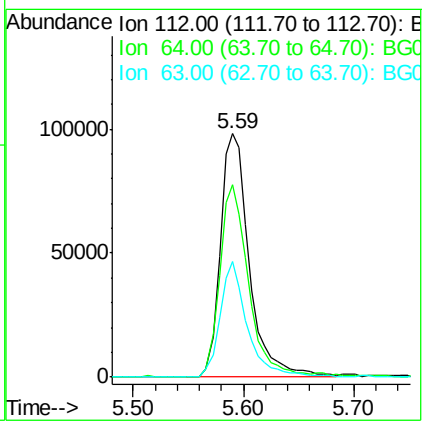


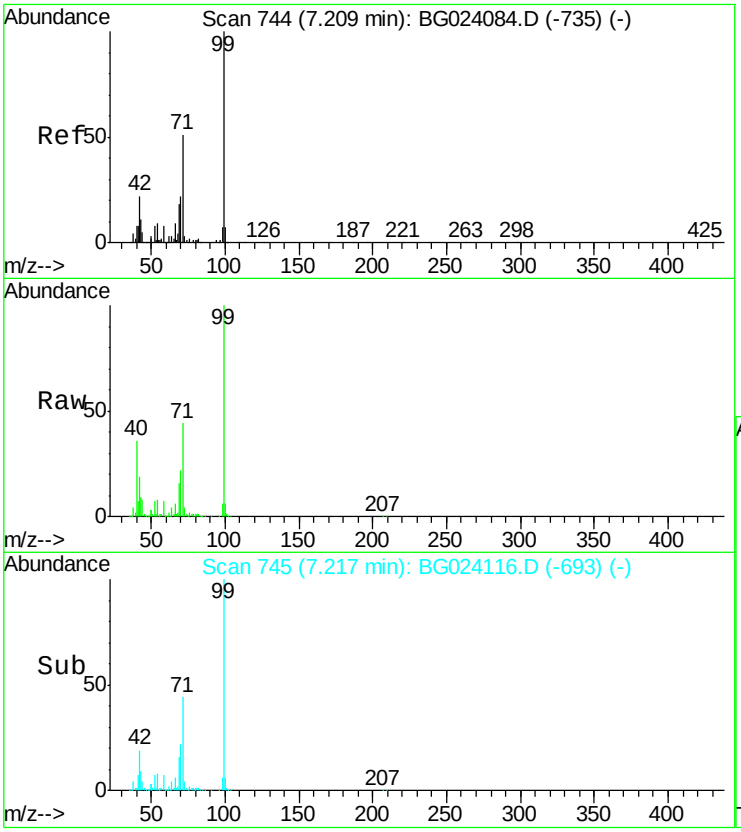


#5
2-Fluorophenol
Concen: 75.35 ng
RT: 5.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Tgt Ion:112 Resp: 180051

Ion	Ratio	Lower	Upper
112	100		
64	79.1	59.0	88.4
63	47.6	37.8	56.8



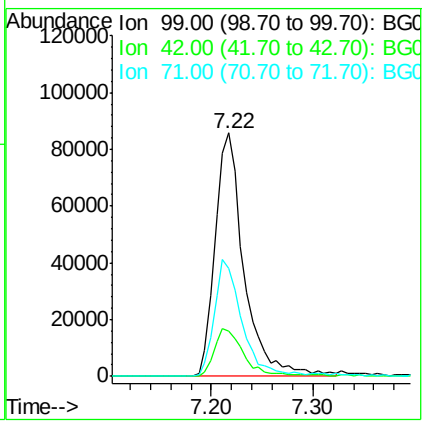


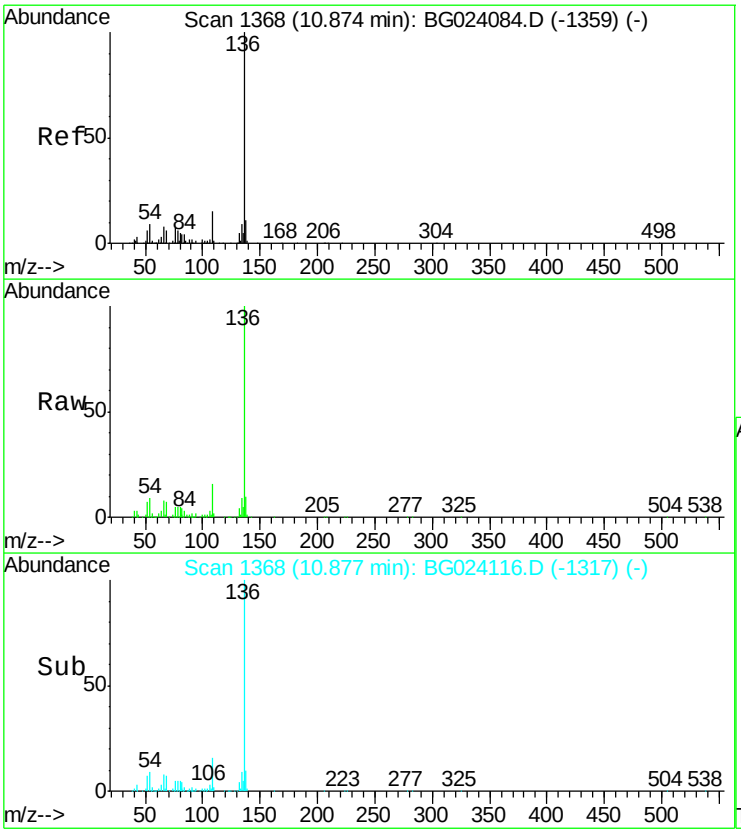
#7
Phenol-d6
Concen: 42.16 ng
RT: 7.22 min Scan# 745
Delta R.T. 0.01 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion: 99 Resp: 169529

Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.8	26.6
71	44.3	41.5	62.3

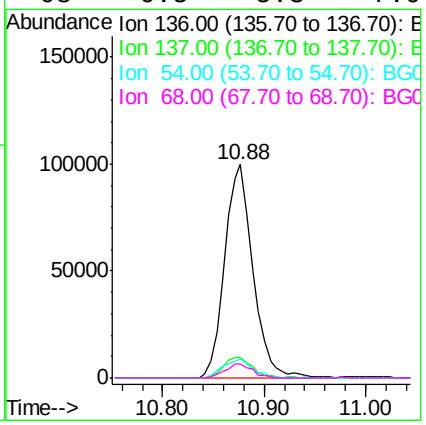


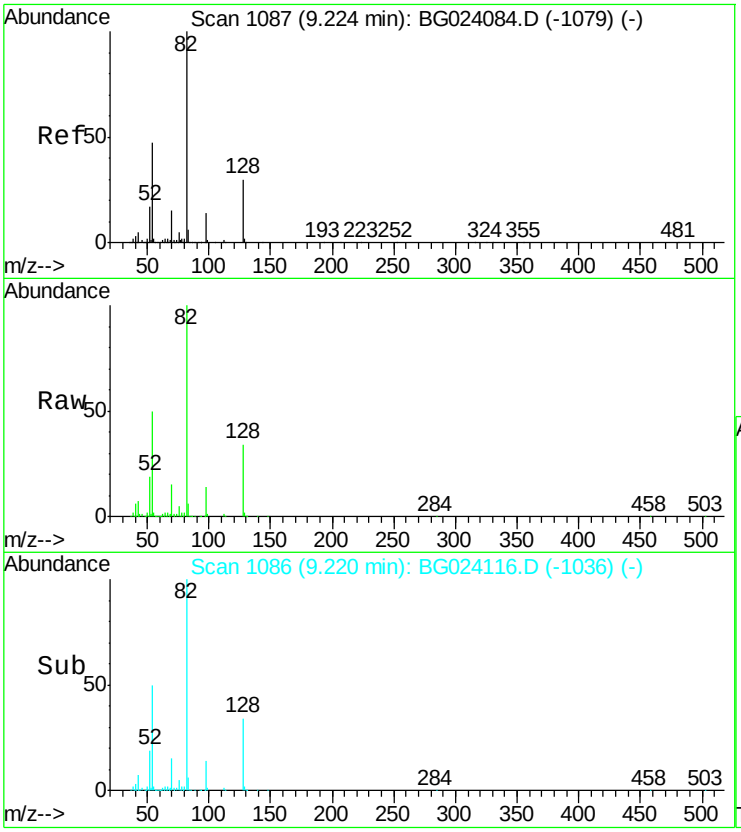


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Tgt Ion:136 Resp: 193233

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.6	14.4
54	9.3	7.3	10.9
68	6.5	5.3	7.9



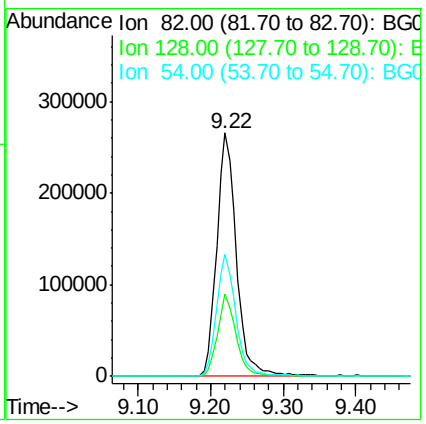


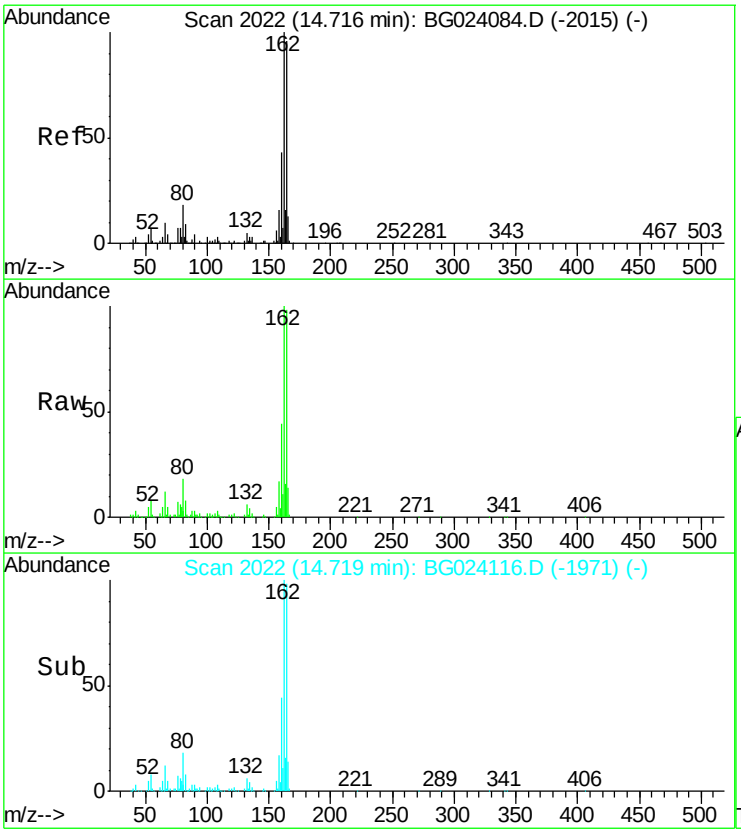
#23
Nitrobenzene-d5
Concen: 102.27 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion: 82 Resp: 501413

Ion	Ratio	Lower	Upper
82	100		
128	33.7	24.4	36.6
54	50.0	41.4	62.0

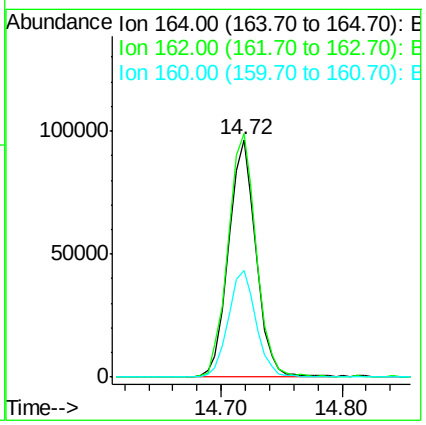


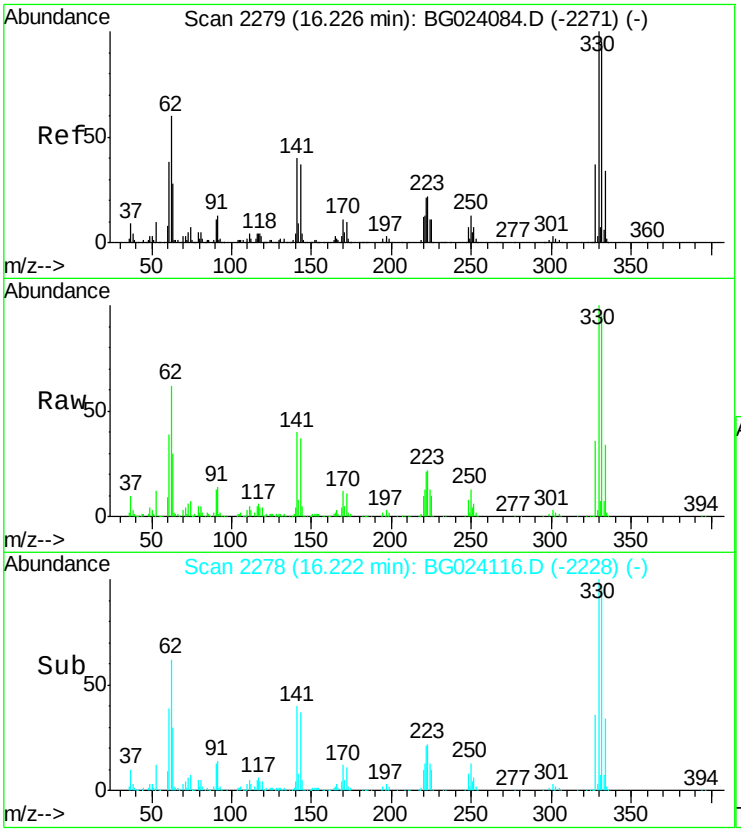


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Tgt Ion:164 Resp: 152234

Ion	Ratio	Lower	Upper
164	100		
162	102.5	87.7	131.5
160	44.8	37.2	55.8



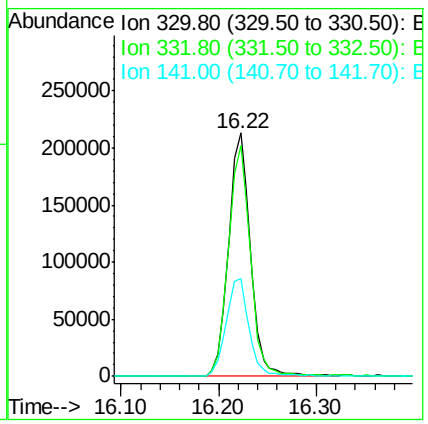


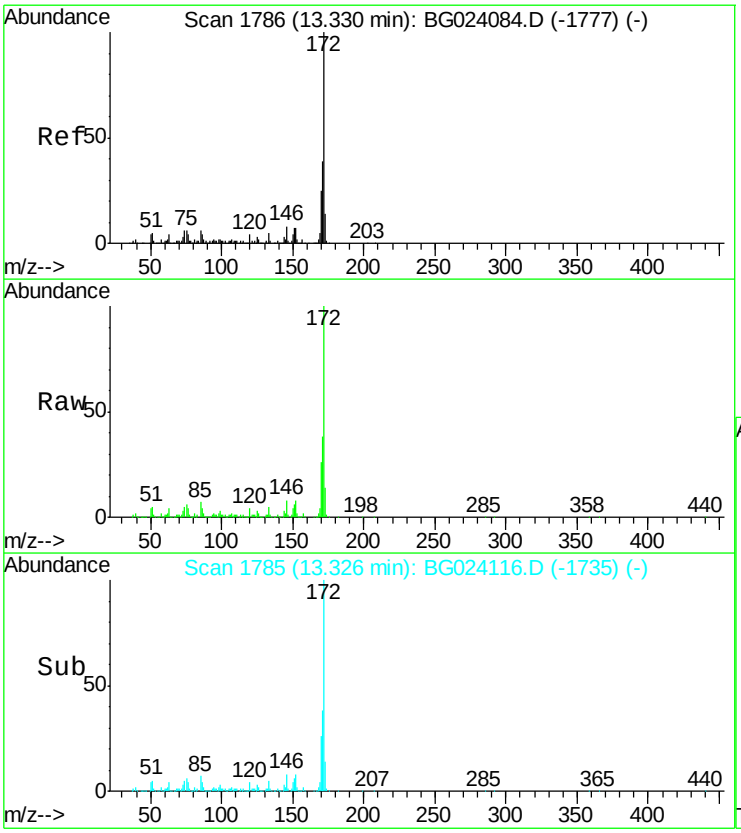
#41
2,4,6-Tribromophenol
Concen: 152.00 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion:330 Resp: 332610

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	42.0	31.7	47.5

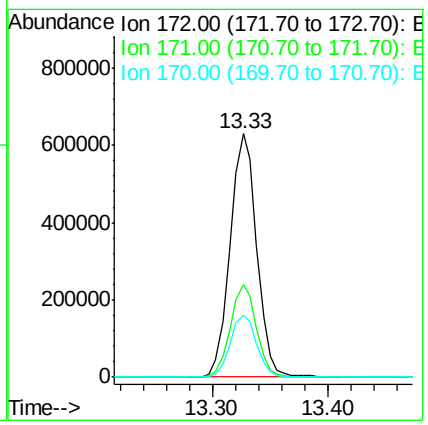


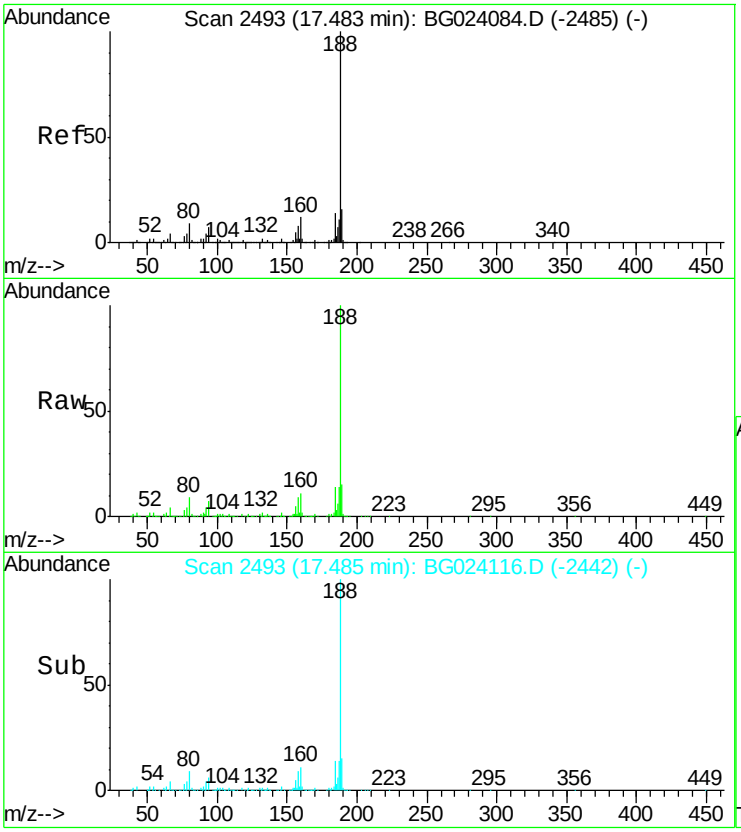


#44
2-Fluorobiphenyl
Concen: 110.50 ng
RT: 13.33 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Tgt Ion:172 Resp: 1000744

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.6	47.4
170	25.6	21.3	31.9



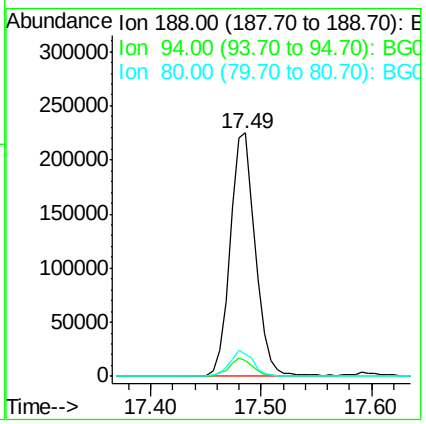


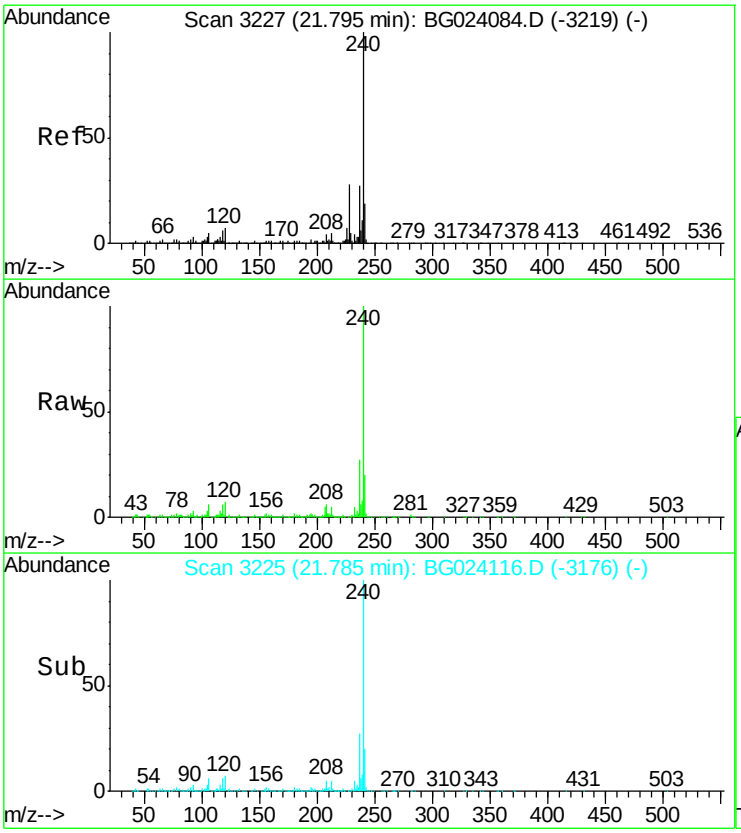
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion:188 Resp: 360017

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.2	7.8
80	9.0	7.2	10.8

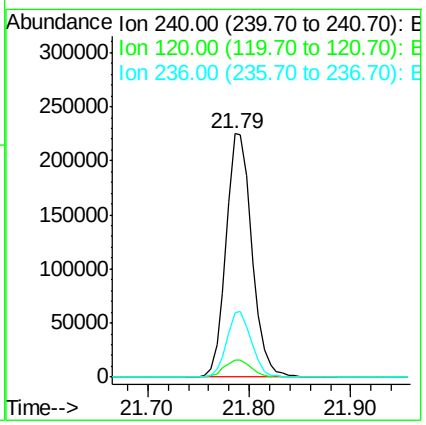


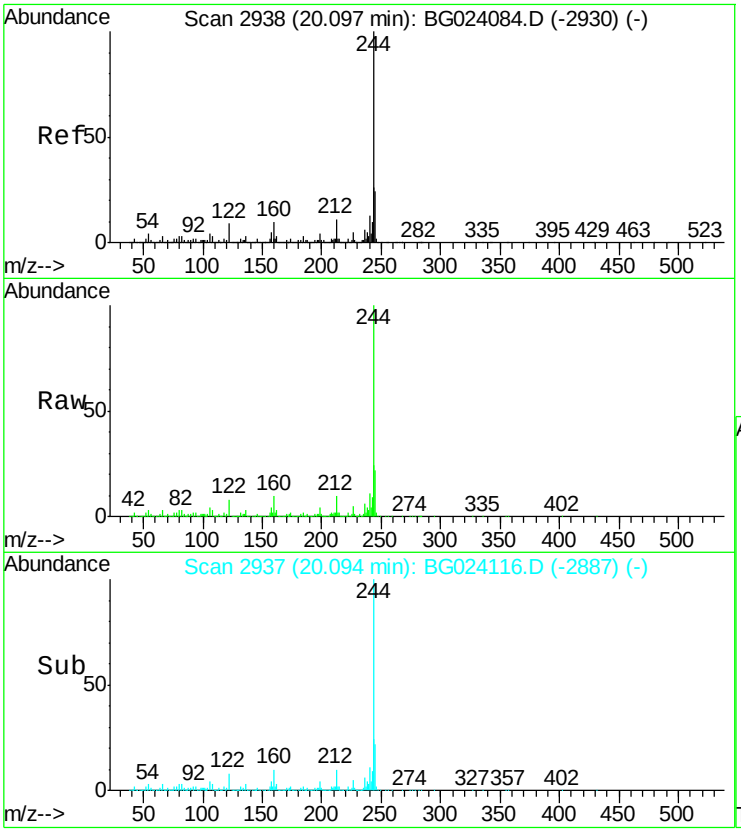


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Tgt Ion:240 Resp: 397542

Ion	Ratio	Lower	Upper
240	100		
120	6.8	4.1	6.1#
236	26.6	21.1	31.7



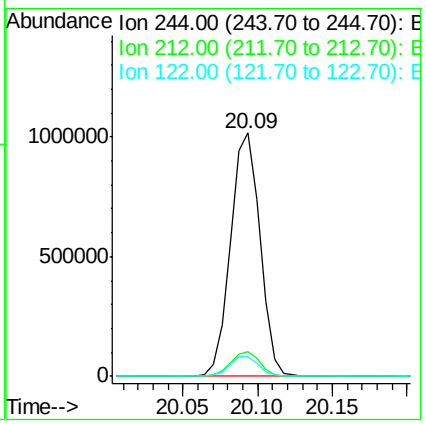


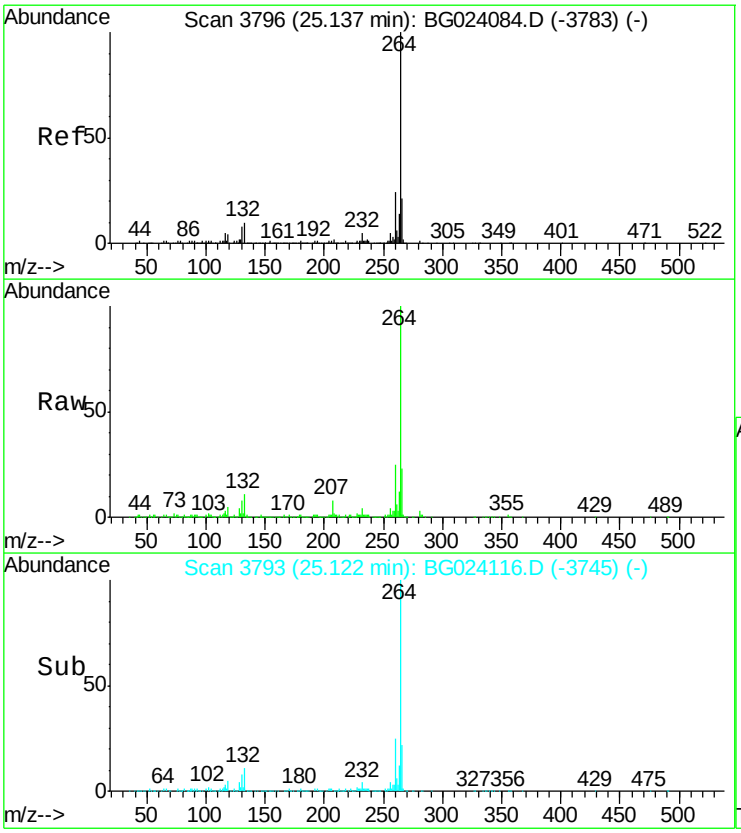
#78
Terphenyl-d14
Concen: 72.36 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.00 min
Lab File: BG024116.D
Acq: 24 Sep 2016 9:28

Instrument :
BNA_G
ClientSampleId :
LIP-12

Tgt Ion:244 Resp: 1404895

Ion	Ratio	Lower	Upper
244	100		
212	9.9	10.8	16.2#
122	8.3	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: BG024116.D
Acq: 24 Sep 2016 9:28

Tgt Ion:264 Resp: 389515

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	22.6	18.9	28.3