Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
Data File : BG023832.D
Acq On : 22 Aug 2016 14:21
Operator : UM/SJ
Sample : H4500-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HSR-WC-66-081616

Quant Time: Aug 22 17:13:08 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	96549	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	399667	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	249667	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	613144	20.00	ng	0.00
75) Chrysene-d12	21.85	240	683508	20.00	ng	-0.01
86) Perylene-d12	25.24	264	652694	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	777713	135.59	ng	0.00
7) Phenol-d6	7.27	99	1013801	113.48	ng	0.00
23) Nitrobenzene-d5	9.29	82	811600	100.96	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	515353	141.12	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1566089	105.80	ng	0.00
78) Terphenyl-d14	20.14	244	2347771	114.03	ng	0.00

Target Compounds	Qvalue

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

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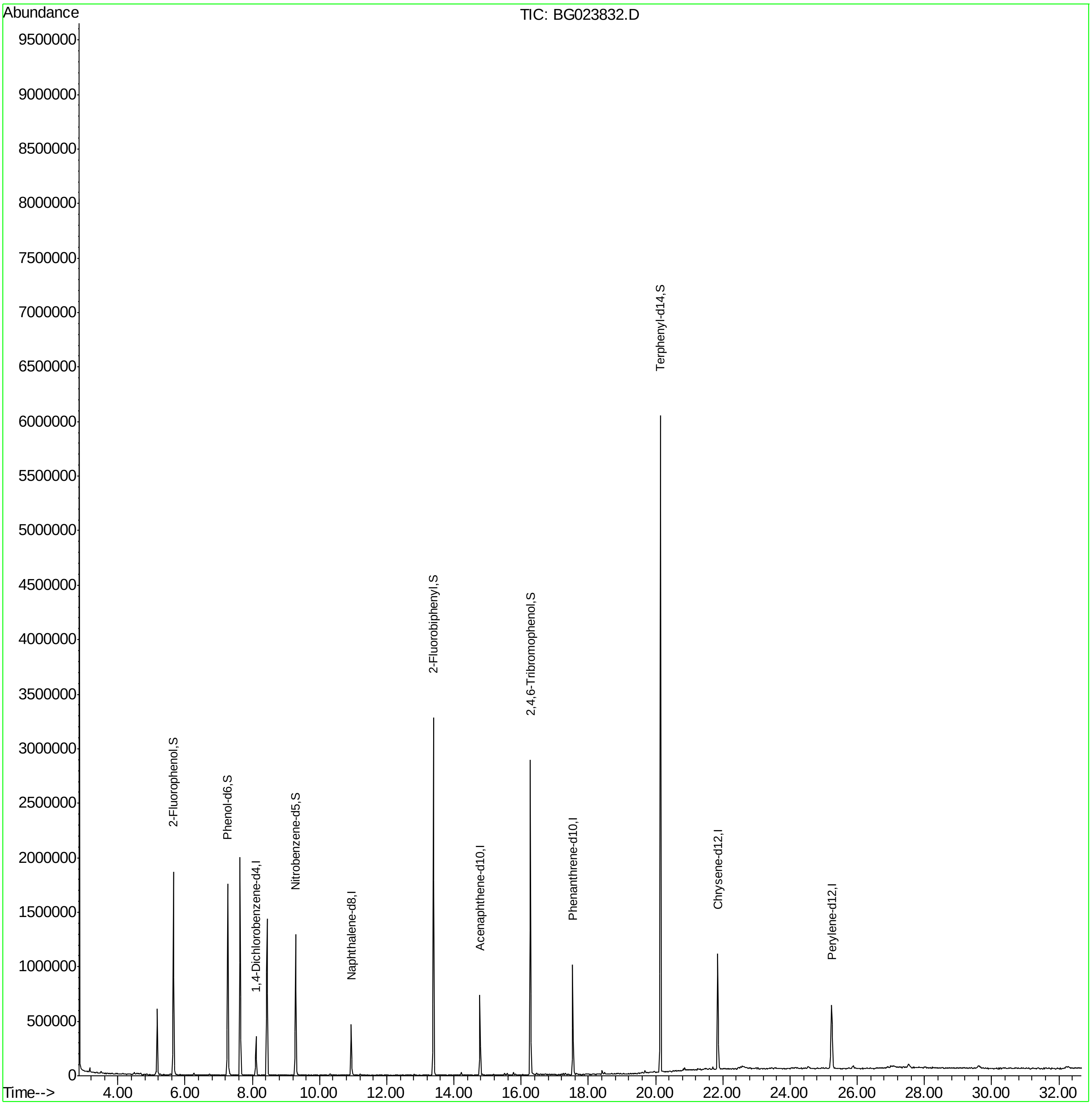
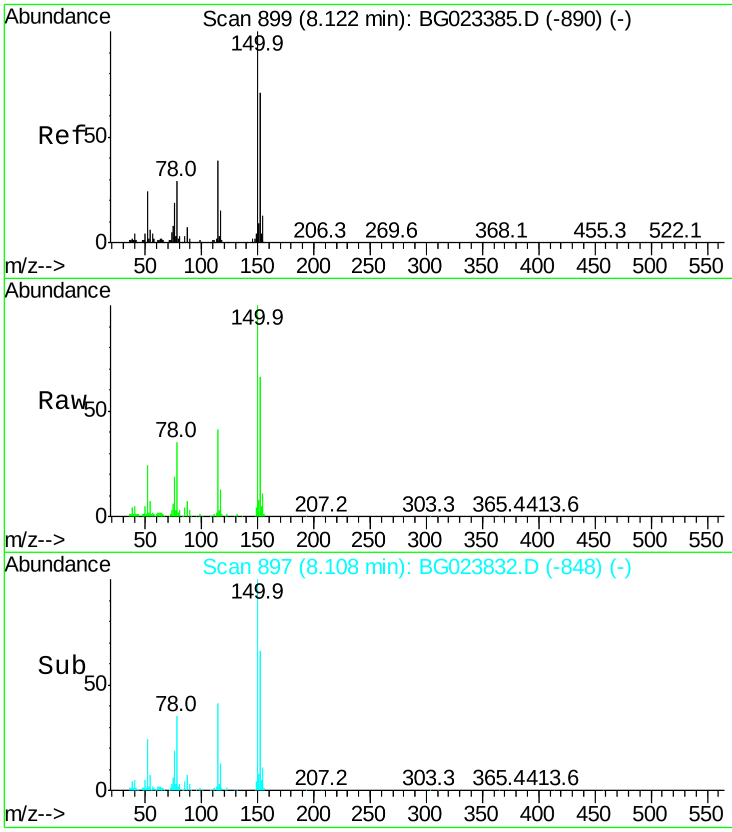


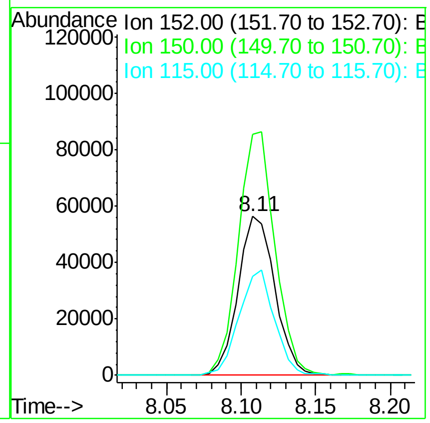


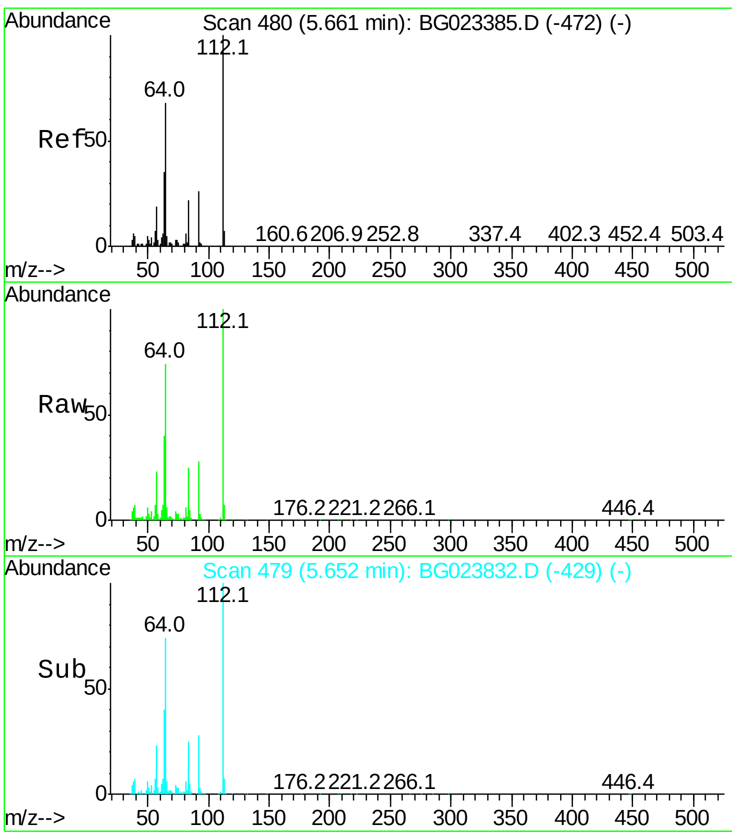
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG023832.D
Acq: 22 Aug 2016 14:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-66-081616

Tgt Ion:152 Resp: 96549

Ion	Ratio	Lower	Upper
152	100		
150	151.4	144.7	217.1
115	62.2	64.0	96.0#

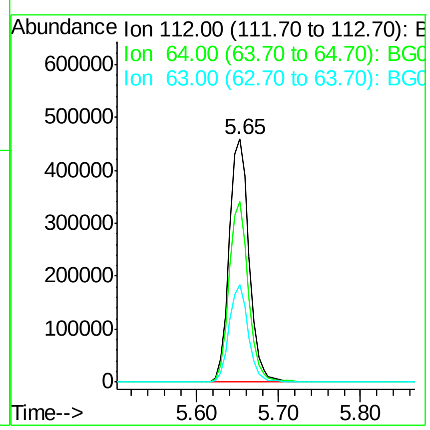


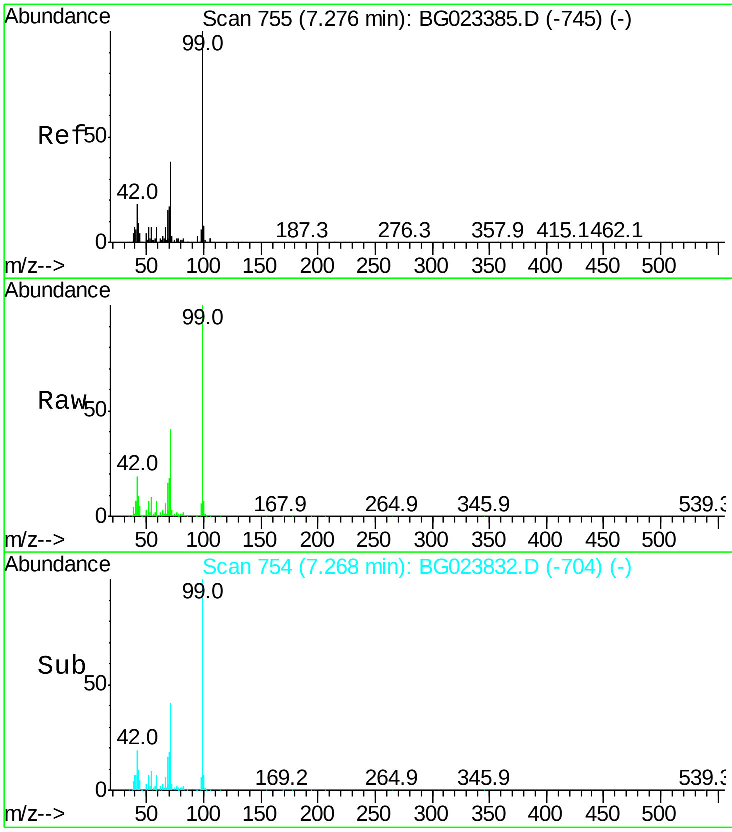


#5
2-Fluorophenol
Concen: 135.59 ng
RT: 5.65 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG023832.D
Acq: 22 Aug 2016 14:21

Tgt Ion:112 Resp: 777713

Ion	Ratio	Lower	Upper
112	100		
64	74.5	59.0	88.4
63	40.2	37.8	56.8



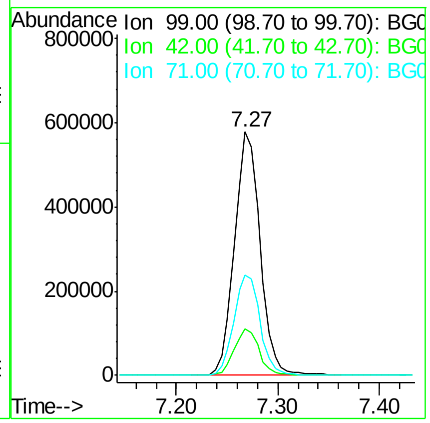


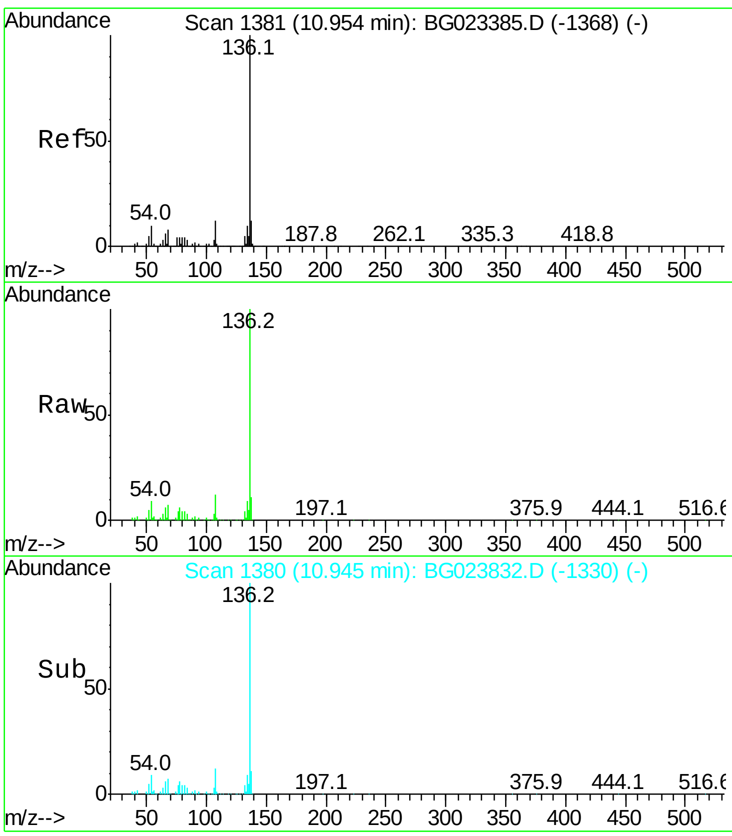
#7
Phenol-d6
Concen: 113.48 ng
RT: 7.27 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG023832.D
Acq: 22 Aug 2016 14:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-66-081616

Tgt Ion: 99 Resp: 1013801

Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.8	26.6
71	41.4	41.5	62.3#

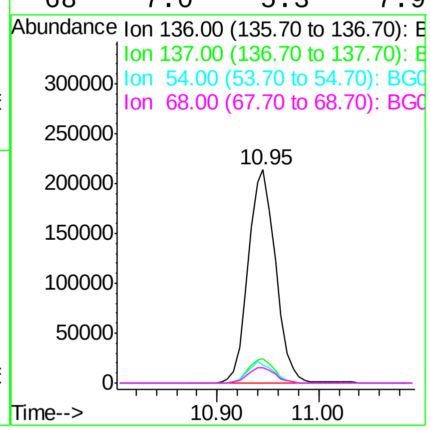


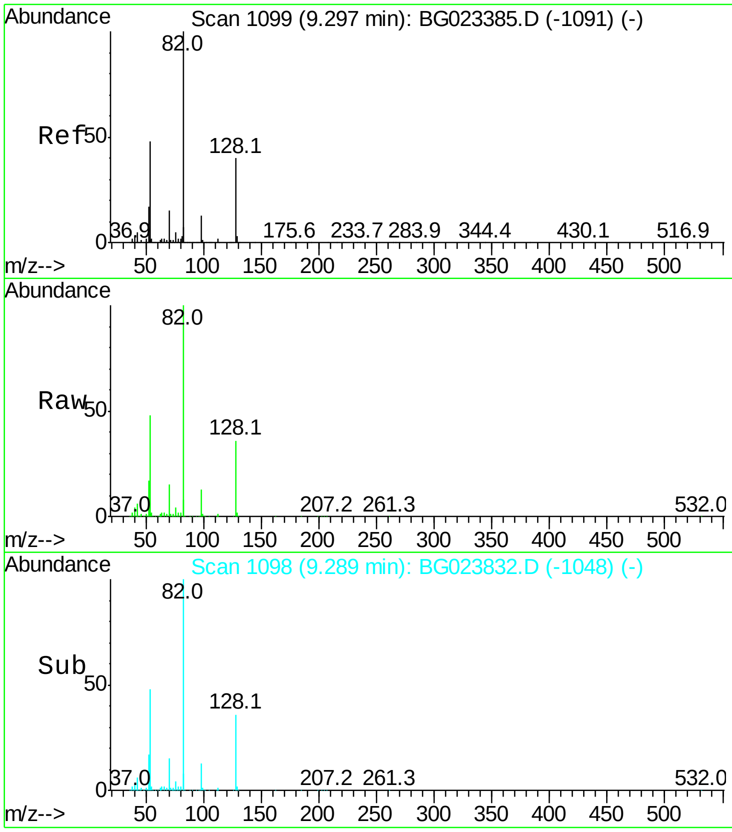


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG023832.D
Acq: 22 Aug 2016 14:21

Tgt Ion:136 Resp: 399667

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	8.5	7.3	10.9
68	7.0	5.3	7.9



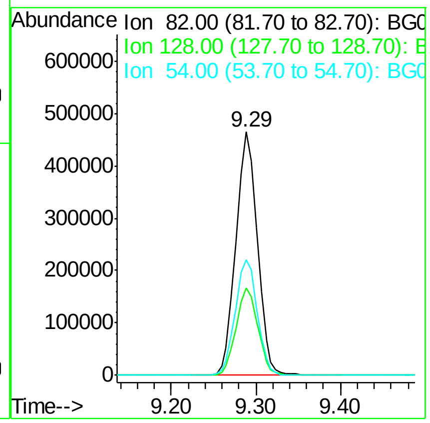


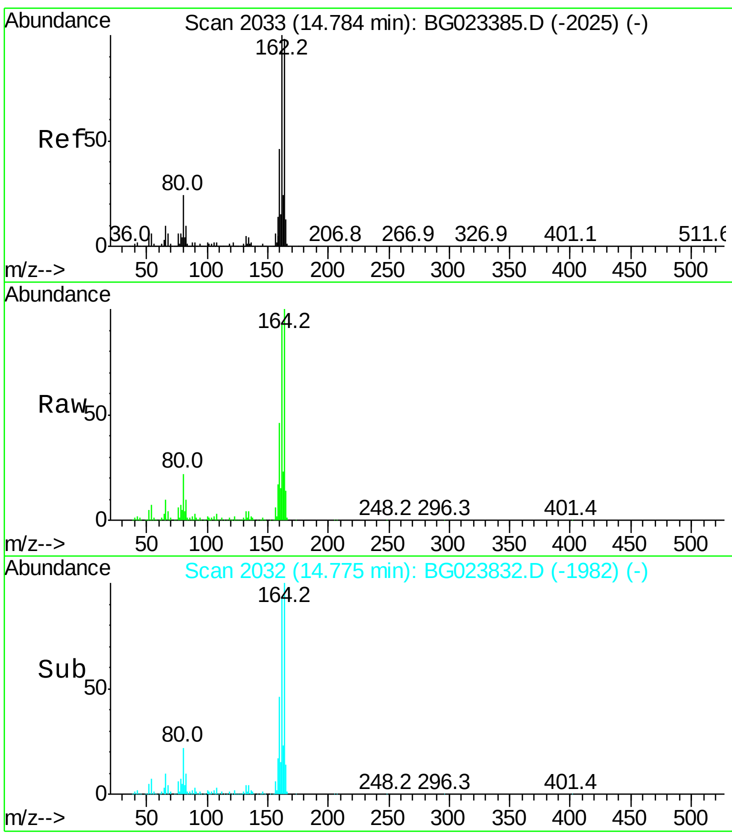
#23
Nitrobenzene-d5
Concen: 100.96 ng
RT: 9.29 min Scan# 1098
Delta R.T.   -0.01 min
Lab File: BG023832.D
Acq: 22 Aug 2016 14:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-66-081616

Tgt Ion: 82 Resp: 811600

Ion	Ratio	Lower	Upper
82	100		
128	36.1	24.4	36.6
54	47.5	41.4	62.0

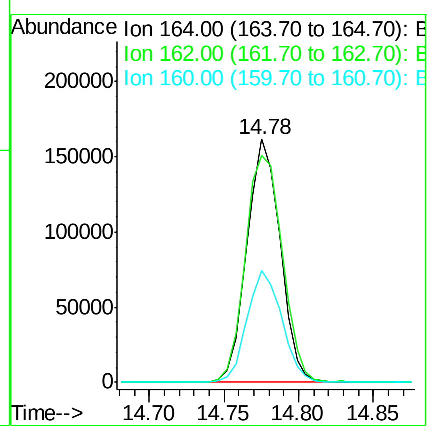


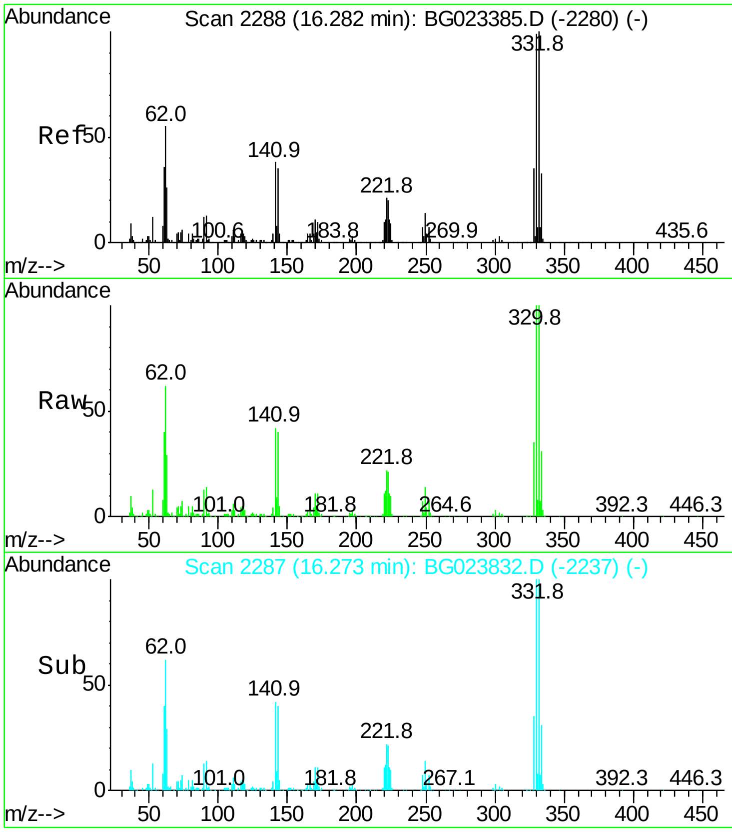


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2032
Delta R.T.   -0.01 min
Lab File: BG023832.D
Acq: 22 Aug 2016 14:21

Tgt Ion:164 Resp: 249667

Ion	Ratio	Lower	Upper
164	100		
162	93.2	87.7	131.5
160	45.8	37.2	55.8



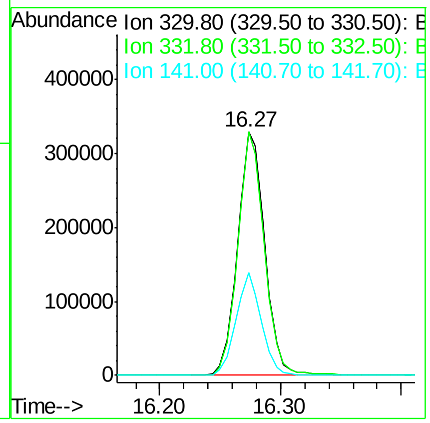


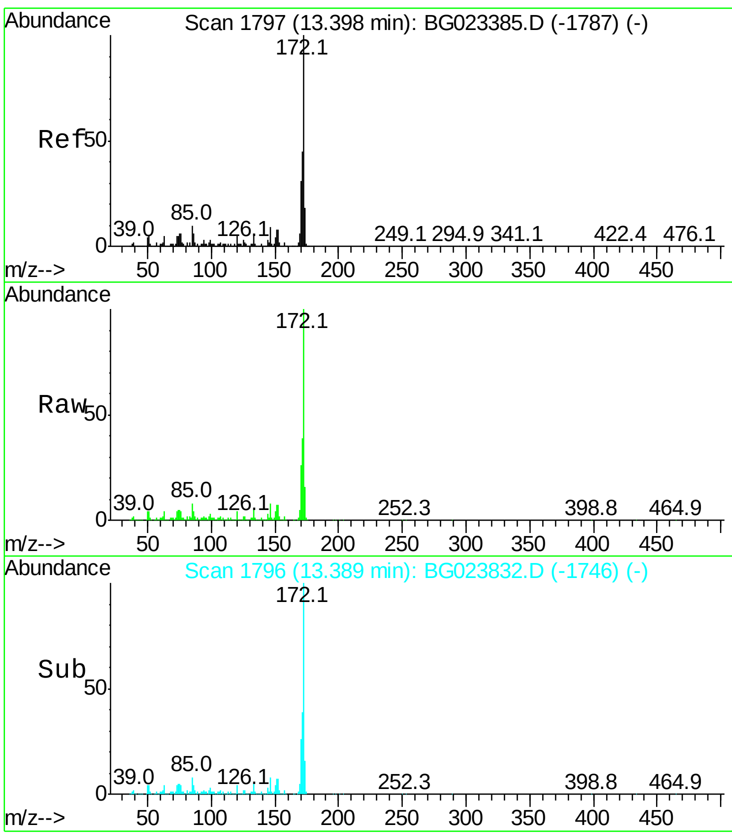
#41
2,4,6-Tribromophenol
Concen: 141.12 ng
RT: 16.27 min   Scan# 2287
Delta R.T.   -0.01 min
Lab File: BG023832.D
Acq: 22 Aug 2016 14:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-66-081616

Tgt Ion:330 Resp: 515353

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	39.5	31.7	47.5

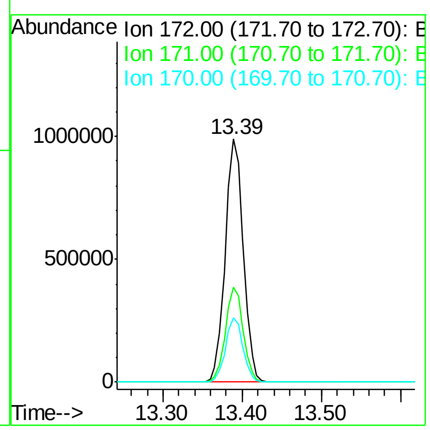


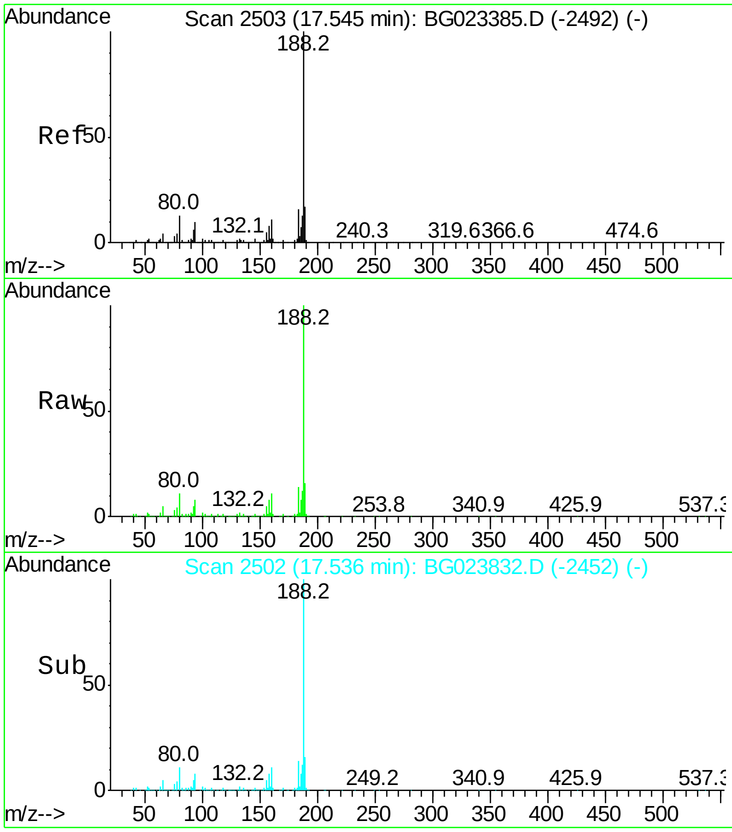


#44
2-Fluorobiphenyl
Concen: 105.80 ng
RT: 13.39 min   Scan# 1796
Delta R.T.   -0.01 min
Lab File: BG023832.D
Acq: 22 Aug 2016 14:21

Tgt Ion:172 Resp: 1566089

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.6	47.4
170	26.3	21.3	31.9



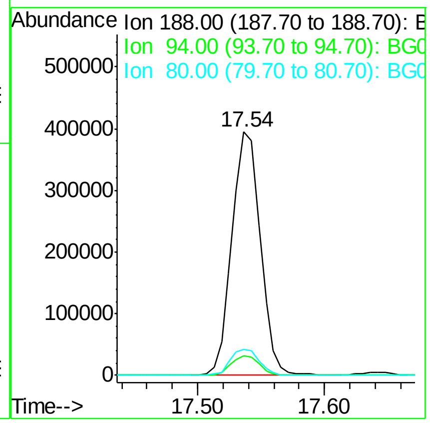


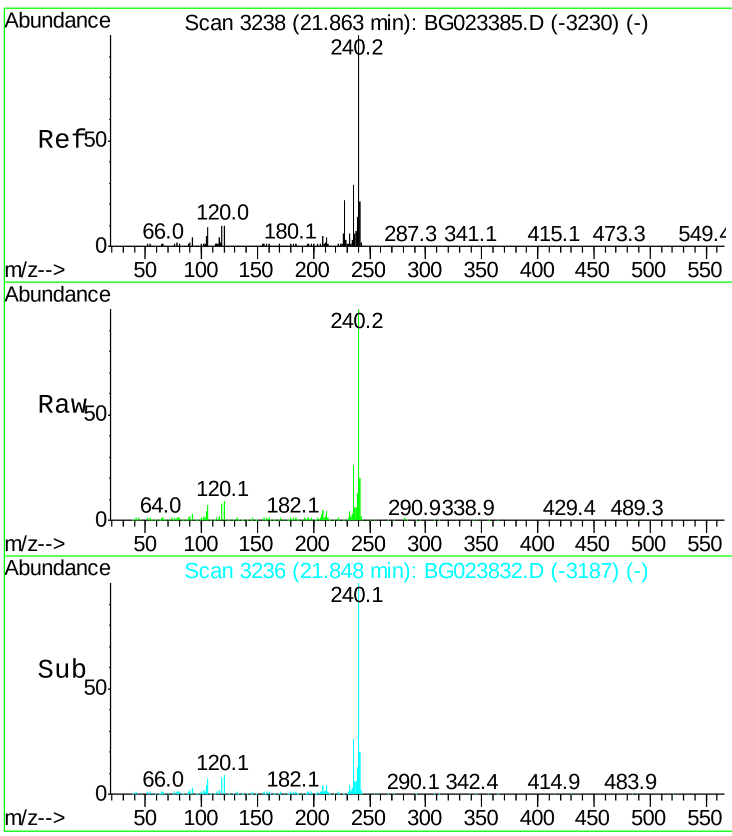
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BG023832.D
Acq: 22 Aug 2016 14:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-66-081616

Tgt Ion:188 Resp: 613144

Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.2	7.8#
80	10.7	7.2	10.8

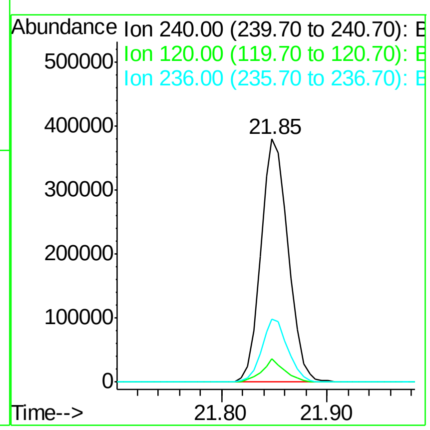


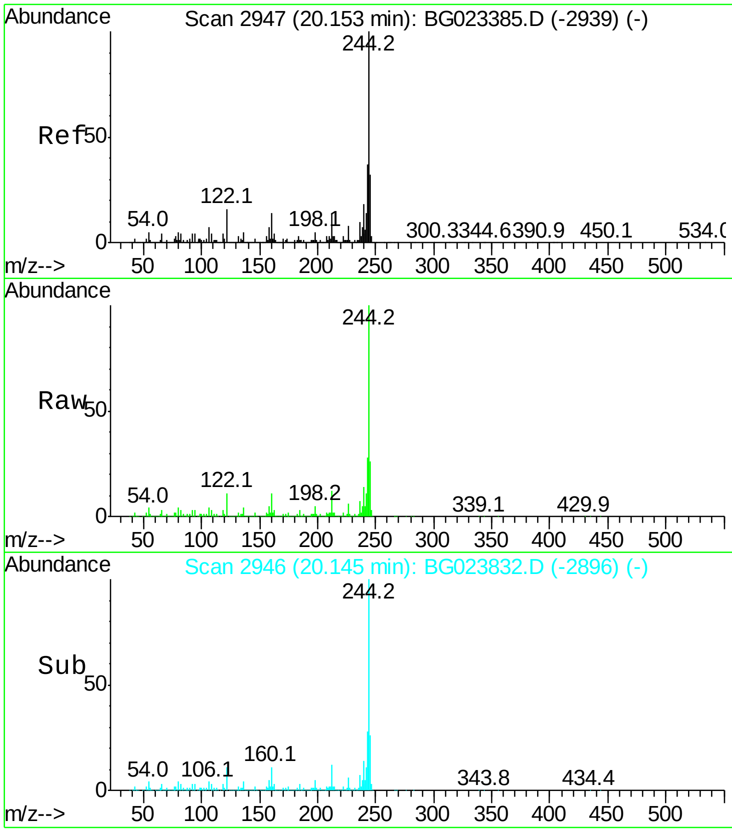


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. -0.01 min
Lab File: BG023832.D
Acq: 22 Aug 2016 14:21

Tgt Ion:240 Resp: 683508

Ion	Ratio	Lower	Upper
240	100		
120	9.4	4.1	6.1#
236	26.0	21.1	31.7



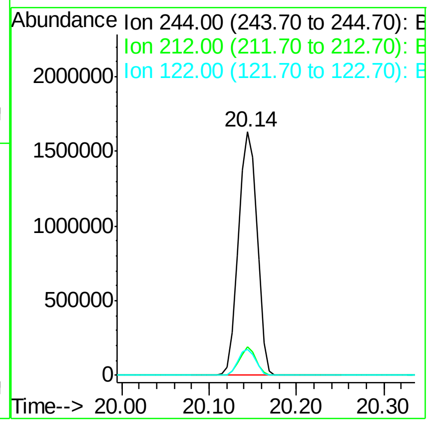


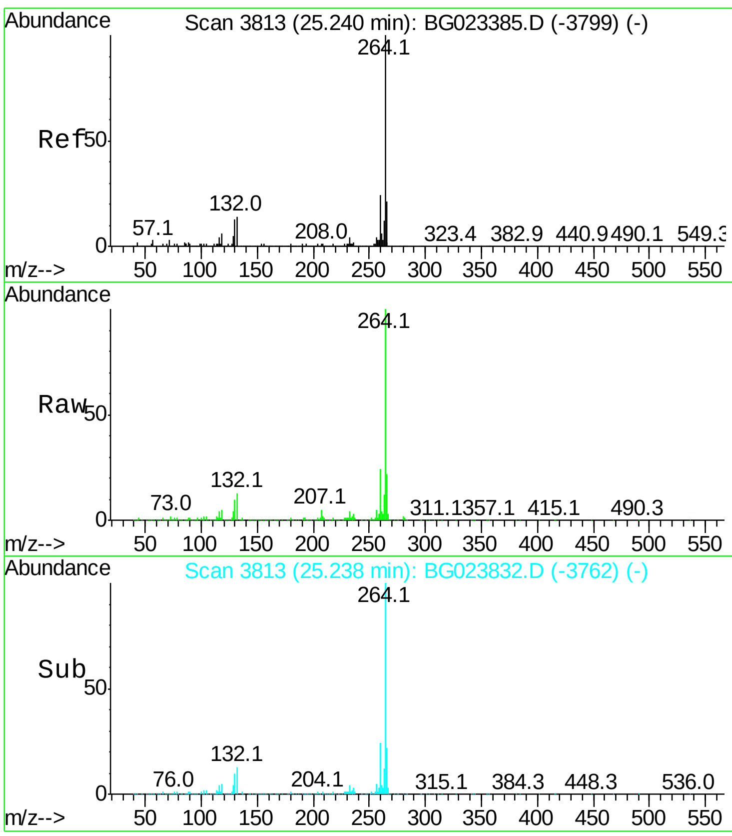
#78
Terphenyl-d14
Concen: 114.03 ng
RT: 20.14 min Scan# 2946
Delta R.T. -0.01 min
Lab File: BG023832.D
Acq: 22 Aug 2016 14:21

Instrument :
BNA_G
ClientSampleId :
HSR-WC-66-081616

Tgt Ion:244 Resp: 2347771

Ion	Ratio	Lower	Upper
244	100		
212	11.6	10.8	16.2
122	10.8	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. -0.00 min
Lab File: BG023832.D
Acq: 22 Aug 2016 14:21

Tgt Ion:264 Resp: 652694

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	22.1	18.9	28.3