Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090616\
Data File : BG023951.D
Acq On : 6 Sep 2016 17:32
Operator : UM/SJ
Sample : H4680-31
Misc : Double Internal standard added
ALS Vial : 6 Sample Multiplier: 2

Instrument : BNA_G
ClientSampleId : FB03-083016

Quant Time: Sep 06 18:44:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	78047	40.00	ng	-0.02
21) Naphthalene-d8	10.89	136	348658	40.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	268794	40.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	668734	40.00	ng	-0.02
75) Chrysene-d12	21.82	240	575667	40.00	ng	-0.03
86) Perylene-d12	25.17	264	596639	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	159910	71.94	ng	-0.03
7) Phenol-d6	7.23	99	130399	38.11	ng	-0.03
23) Nitrobenzene-d5	9.24	82	446739	114.41	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	299687	123.77	ng	-0.02
44) 2-Fluorobiphenyl	13.35	172	967063	103.16	ng	-0.02
78) Terphenyl-d14	20.11	244	1411236	111.66	ng	-0.02
Target Compounds						Qvalue
76) Benzidine	19.75	184	1170160	131.29	ng	99

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

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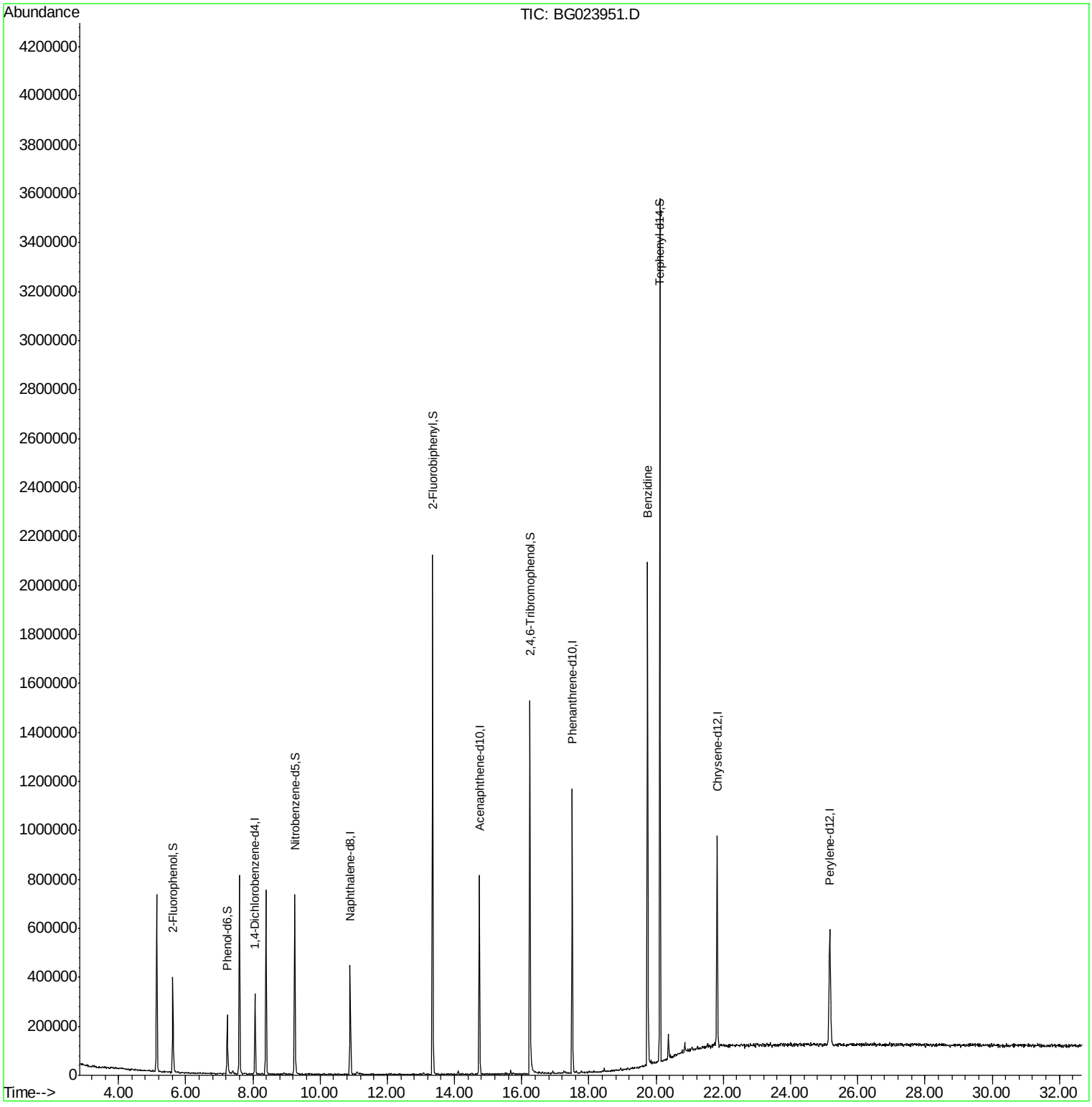
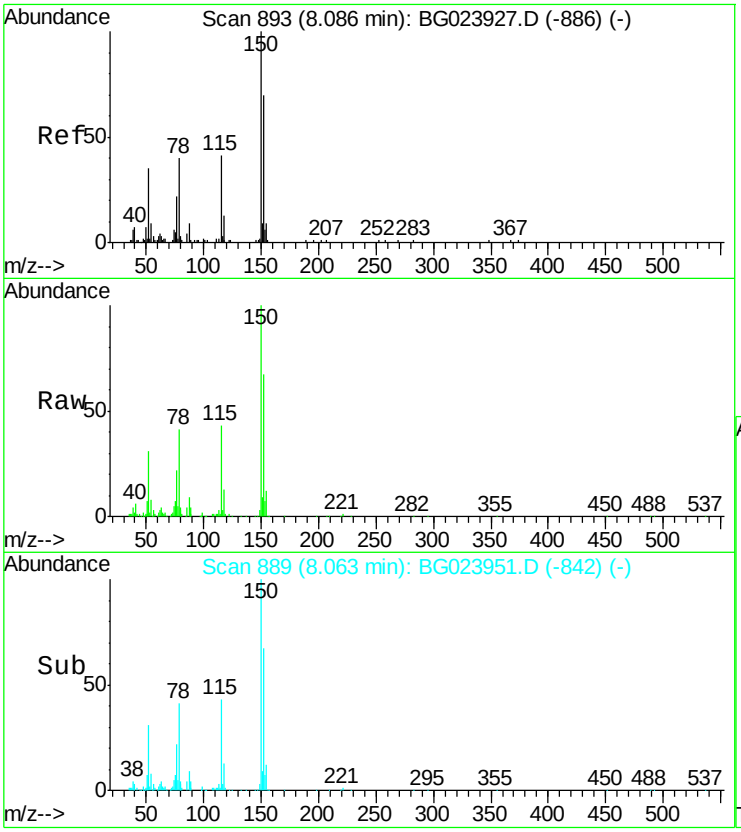


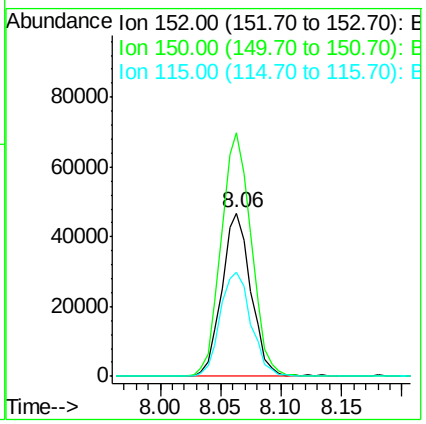


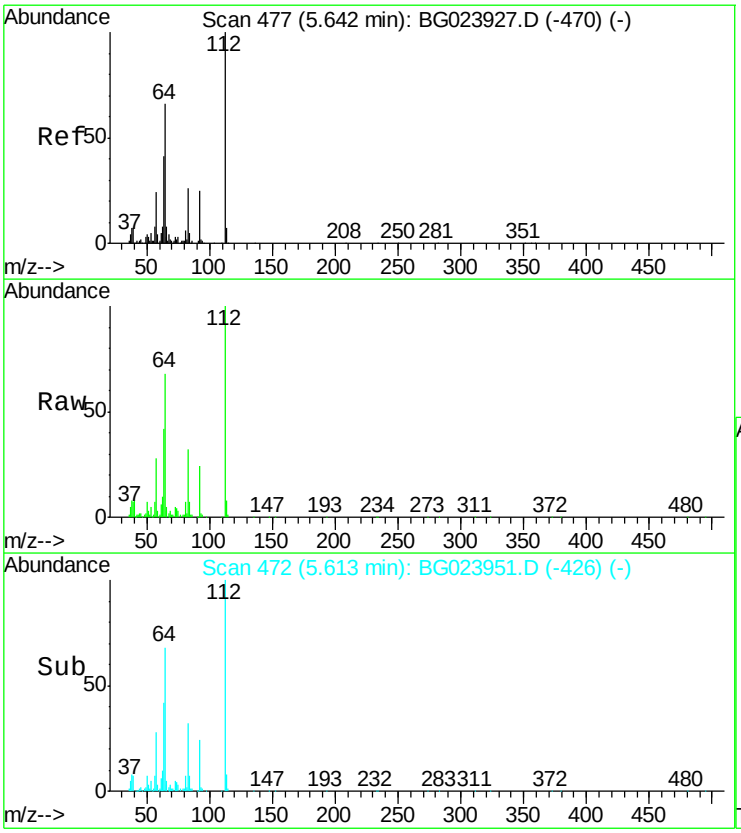
#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 8.06 min Scan# 889
Delta R.T. -0.02 min
Lab File: BG023951.D
Acq: 6 Sep 2016 17:32

Instrument :
BNA_G
ClientSampleId :
FB03-083016

Tgt Ion:152 Resp: 78047

Ion	Ratio	Lower	Upper
152	100		
150	148.9	144.7	217.1
115	64.0	64.0	96.0#

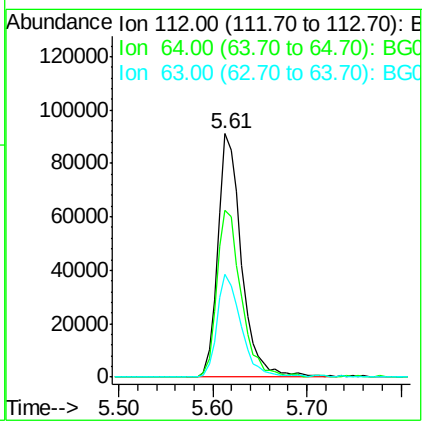


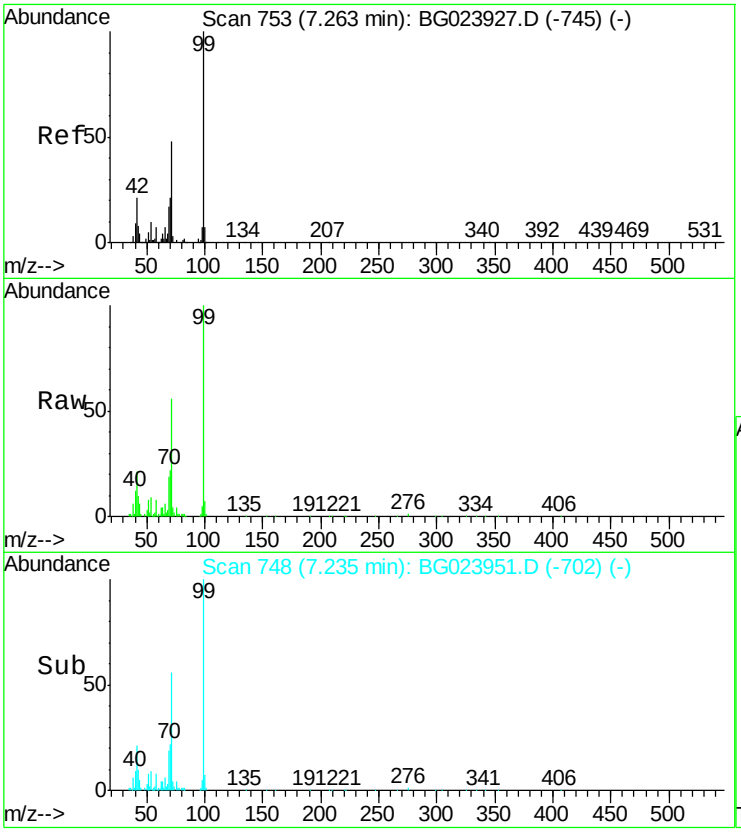


#5
2-Fluorophenol
Concen: 71.94 ng
RT: 5.61 min Scan# 472
Delta R.T. -0.03 min
Lab File: BG023951.D
Acq: 6 Sep 2016 17:32

Tgt Ion:112 Resp: 159910

Ion	Ratio	Lower	Upper
112	100		
64	68.4	59.0	88.4
63	42.0	37.8	56.8



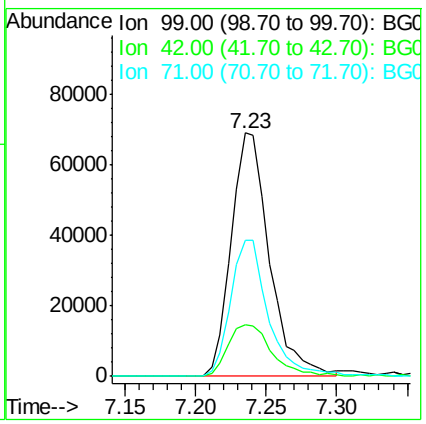


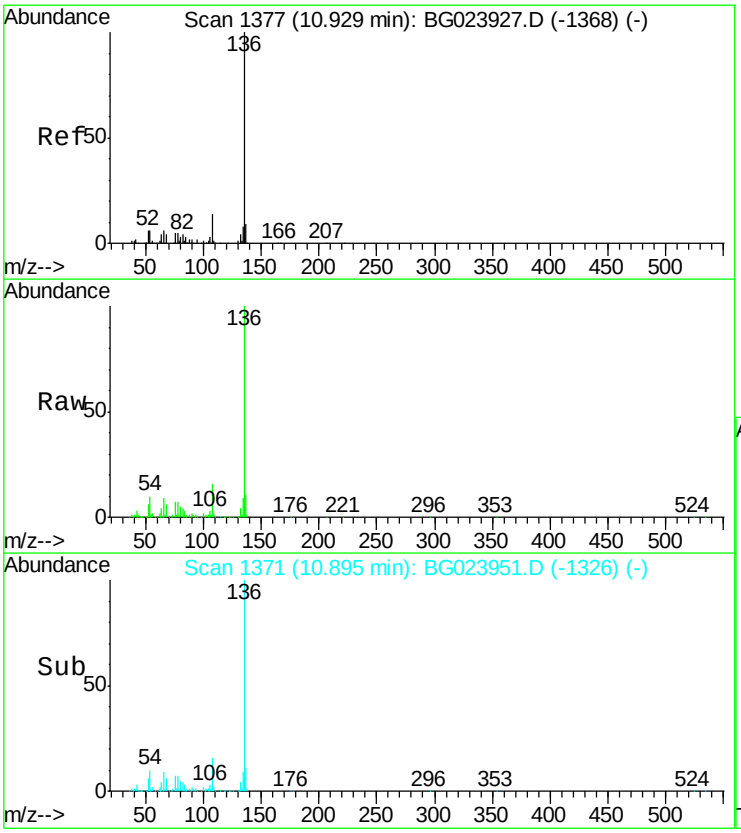
#7
Phenol-d6
Concen: 38.11 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.03 min
Lab File: BG023951.D
Acq: 6 Sep 2016 17:32

Instrument :
BNA_G
ClientSampleId :
FB03-083016

Tgt Ion: 99 Resp: 130399

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.8	26.6
71	55.9	41.5	62.3

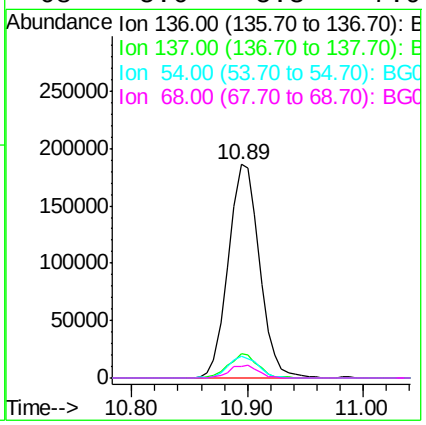


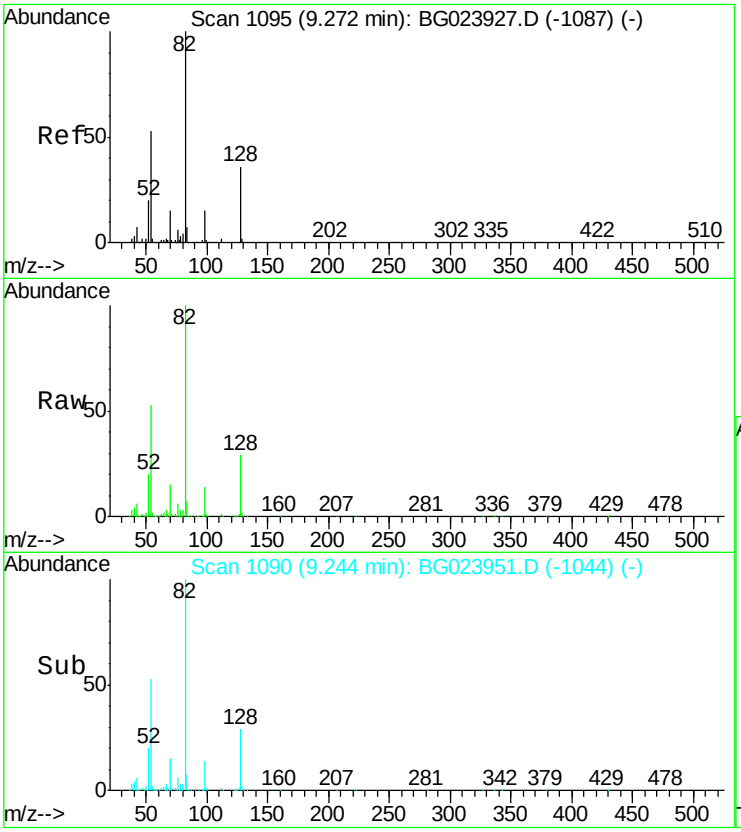


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.03 min
Lab File: BG023951.D
Acq: 6 Sep 2016 17:32

Tgt Ion:136 Resp: 348658

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	10.1	7.3	10.9
68	5.6	5.3	7.9



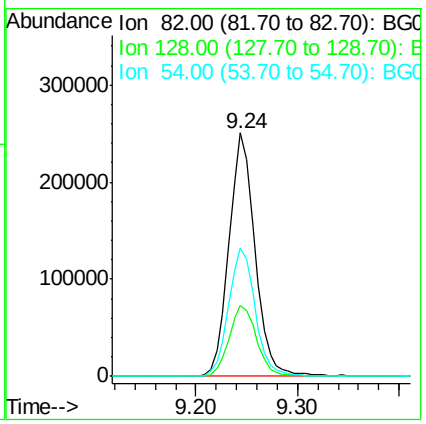


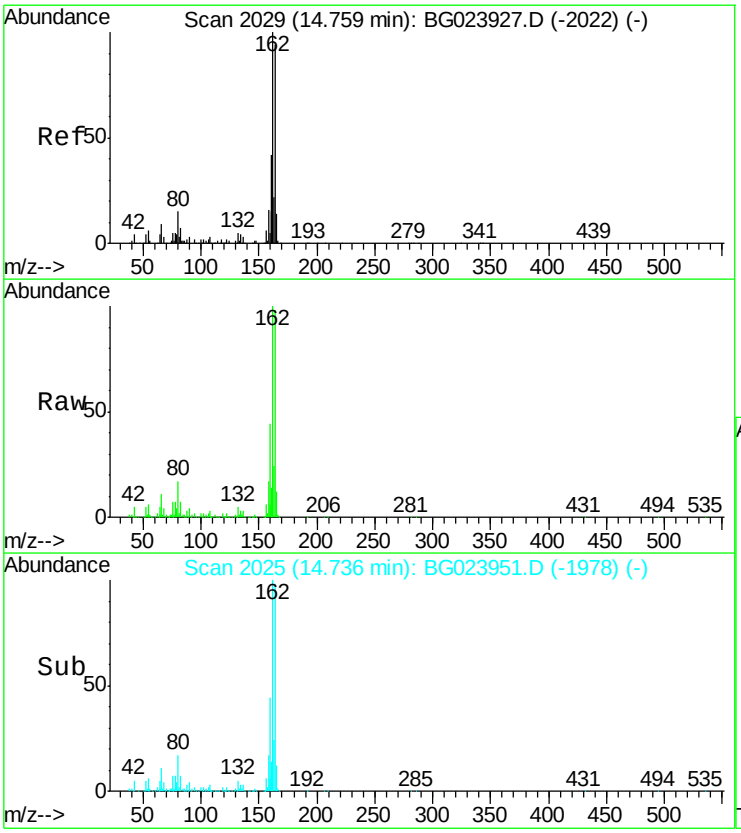
#23
Nitrobenzene-d5
Concen: 114.41 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BG023951.D
Acq: 6 Sep 2016 17:32

Instrument :
BNA_G
ClientSampleId :
FB03-083016

Tgt Ion: 82 Resp: 446739

Ion	Ratio	Lower	Upper
82	100		
128	29.2	24.4	36.6
54	52.8	41.4	62.0

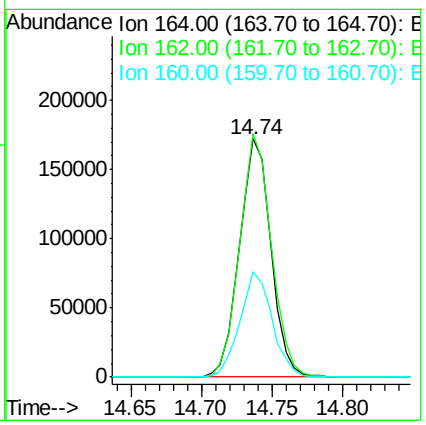


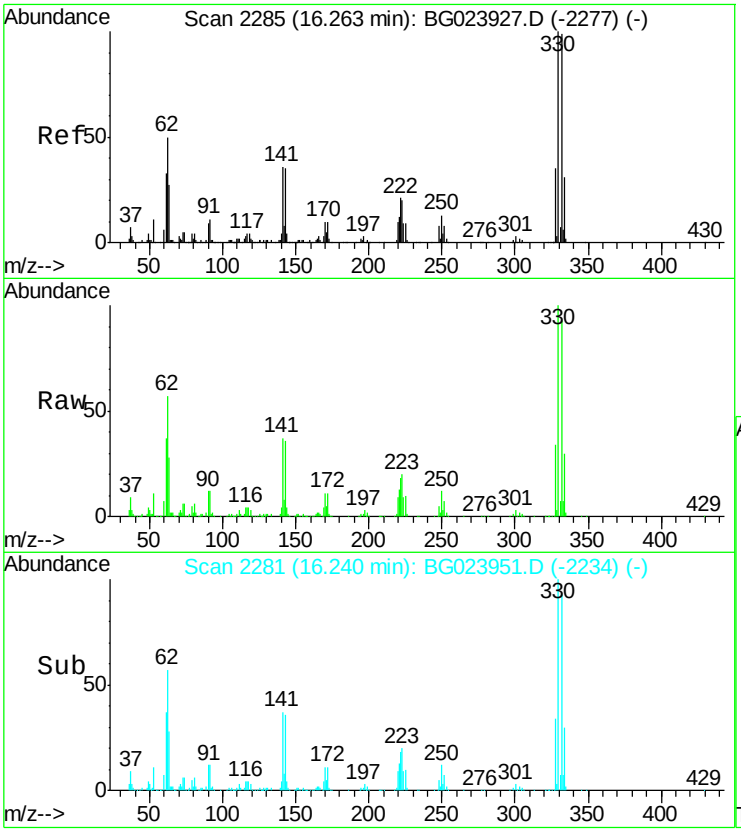


#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BG023951.D
Acq: 6 Sep 2016 17:32

Tgt Ion:164 Resp: 268794

Ion	Ratio	Lower	Upper
164	100		
162	102.2	87.7	131.5
160	44.4	37.2	55.8



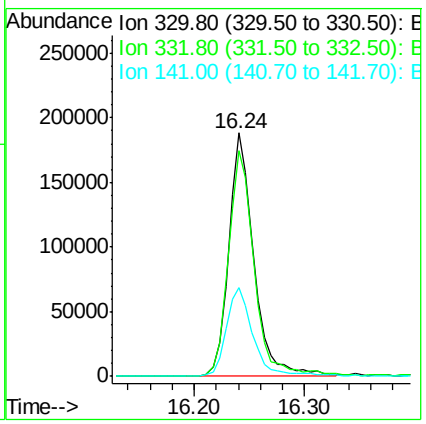


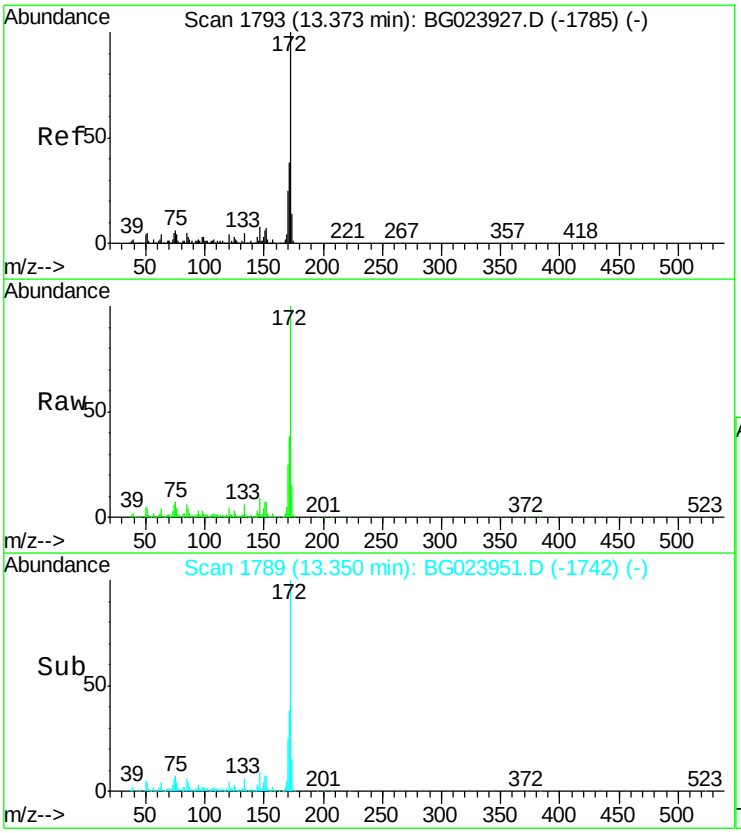
#41
2,4,6-Tribromophenol
Concen: 123.77 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BG023951.D
Acq: 6 Sep 2016 17:32

Instrument :
BNA_G
ClientSampleId :
FB03-083016

Tgt Ion:330 Resp: 299687

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	38.9	31.7	47.5

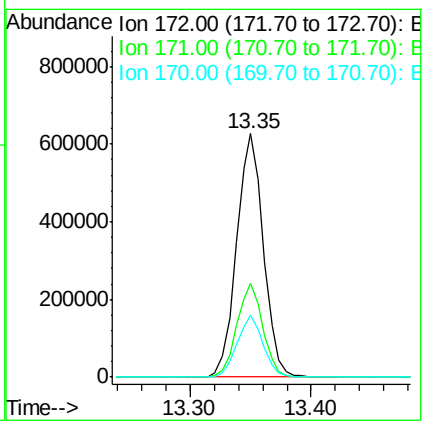


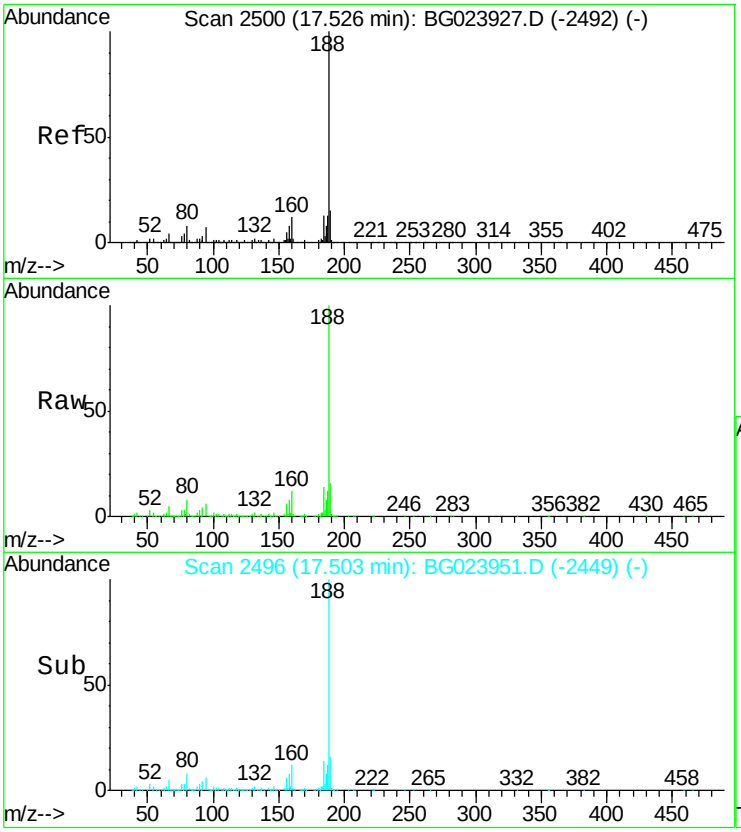


#44
2-Fluorobiphenyl
Concen: 103.16 ng
RT: 13.35 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BG023951.D
Acq: 6 Sep 2016 17:32

Tgt Ion:172 Resp: 967063

Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.6	47.4
170	25.4	21.3	31.9



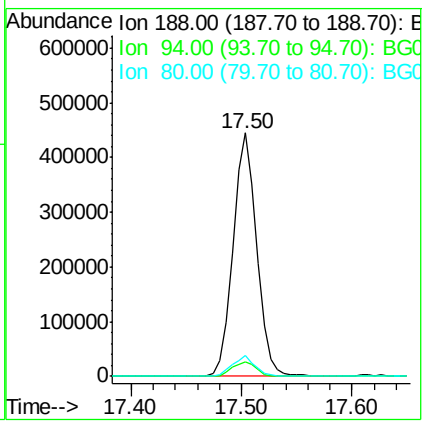


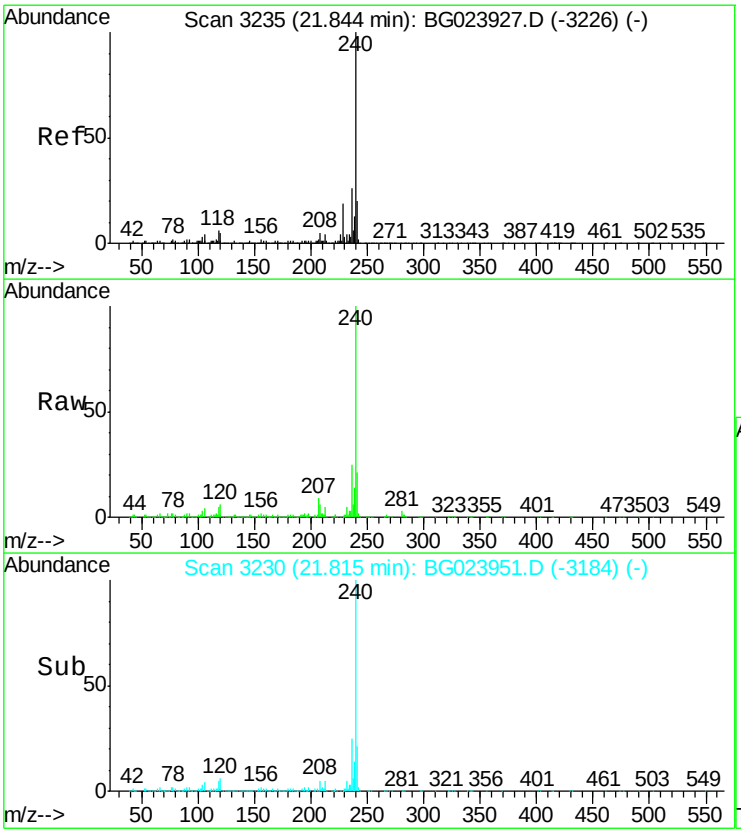
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.02 min
Lab File: BG023951.D
Acq: 6 Sep 2016 17:32

Instrument :
BNA_G
ClientSampleId :
FB03-083016

Tgt Ion:188 Resp: 668734

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.2	7.8
80	8.4	7.2	10.8

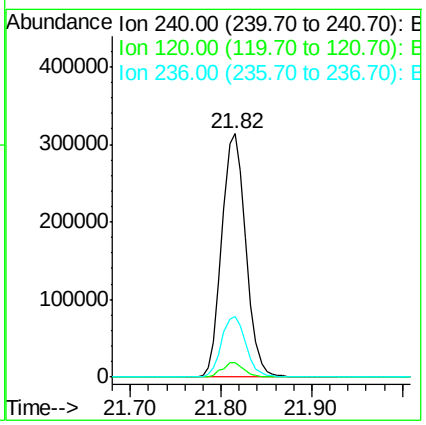


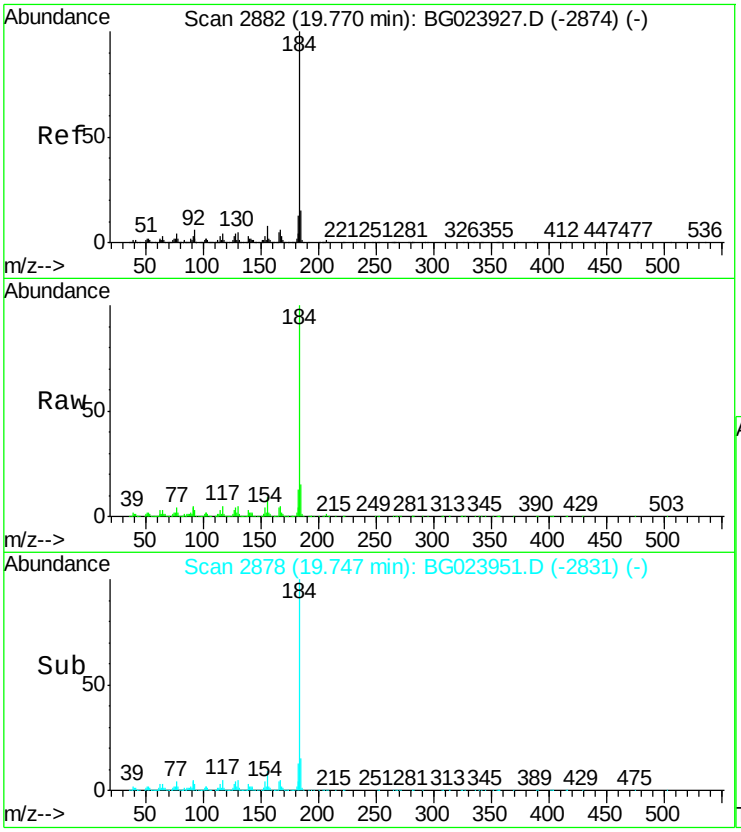


#75
Chrysene-d12
Concen: 40.00 ng
RT: 21.82 min Scan# 3230
Delta R.T. -0.03 min
Lab File: BG023951.D
Acq: 6 Sep 2016 17:32

Tgt Ion:240 Resp: 575667

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.1	6.1
236	24.7	21.1	31.7



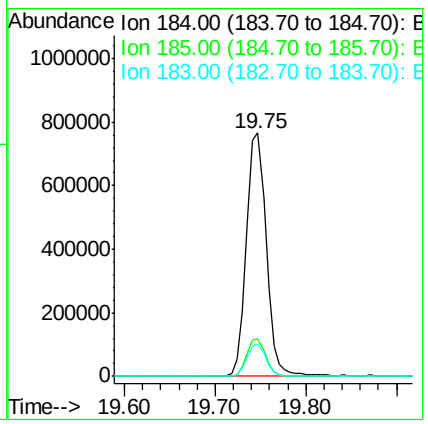


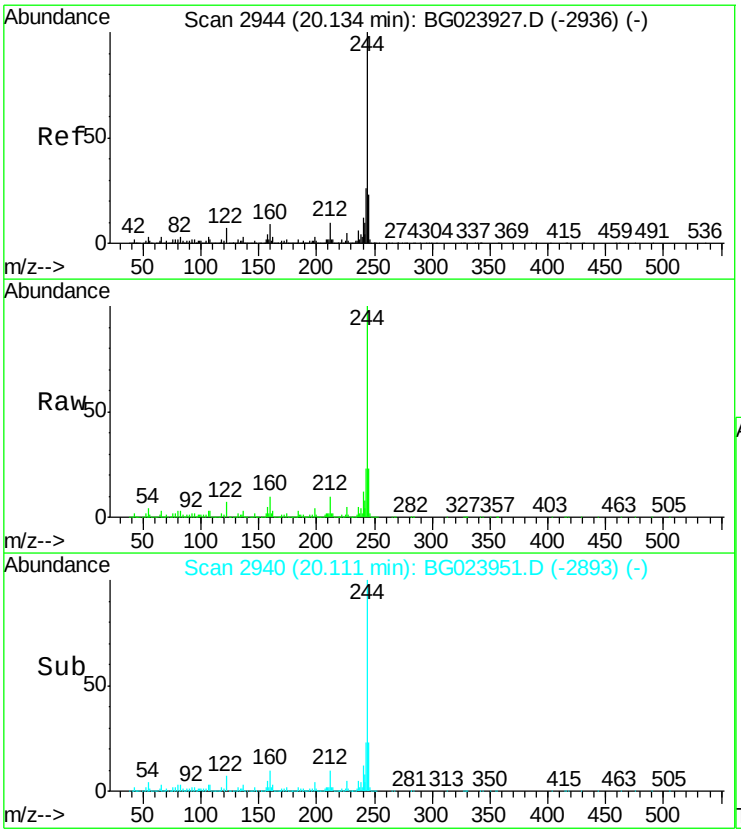
#76
Benzidine
Concen: 131.29 ng
RT: 19.75 min Scan# 2878
Delta R.T. -0.02 min
Lab File: BG023951.D
Acq: 6 Sep 2016 17:32

Instrument :
BNA_G
ClientSampleId :
FB03-083016

Tgt Ion:184 Resp: 1170160

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.6	19.0
183	13.3	10.7	16.1

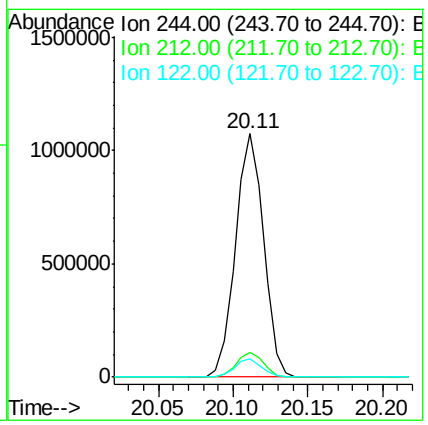


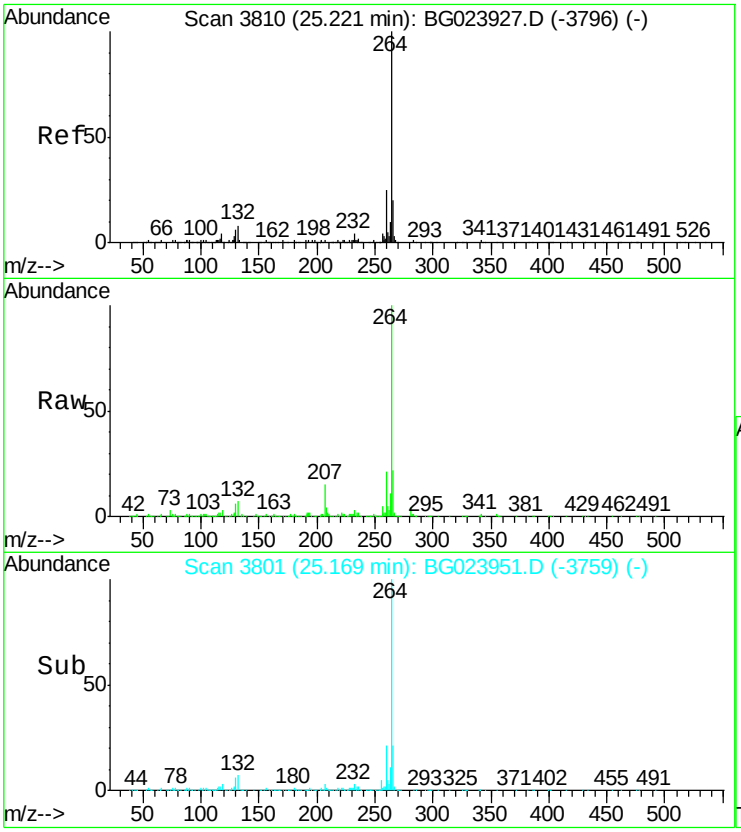


#78
Terphenyl-d14
Concen: 111.66 ng
RT: 20.11 min Scan# 2940
Delta R.T. -0.02 min
Lab File: BG023951.D
Acq: 6 Sep 2016 17:32

Tgt Ion:244 Resp: 1411236

Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.8	16.2#
122	7.4	8.0	12.0#





#86
Perylene-d12
Concen: 40.00 ng
RT: 25.17 min Scan# 3801
Delta R.T. -0.05 min
Lab File: BG023951.D
Acq: 6 Sep 2016 17:32

Instrument :
BNA_G
ClientSampleId :
FB03-083016

Tgt Ion:264 Resp: 596639

Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.4	27.6
265	21.9	18.9	28.3