Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019925.D
Acq On : 5 Dec 2015 4:10
Operator : UM/NP
Sample : PB87049BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB87049BL

Quant Time: Dec 07 04:04:46 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29138	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	130100	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	94631	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	247888	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	305928	20.00	ng	-0.04
86) Perylene-d12	25.04	264	282061	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	233926	145.10	ng	-0.01
7) Phenol-d6	7.26	99	339566	139.50	ng	-0.01
23) Nitrobenzene-d5	9.28	82	223404	87.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	177236	122.41	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	545872	78.76	ng	-0.02
78) Terphenyl-d14	20.09	244	1006353	80.24	ng	-0.02
Target Compounds						Qvalue

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

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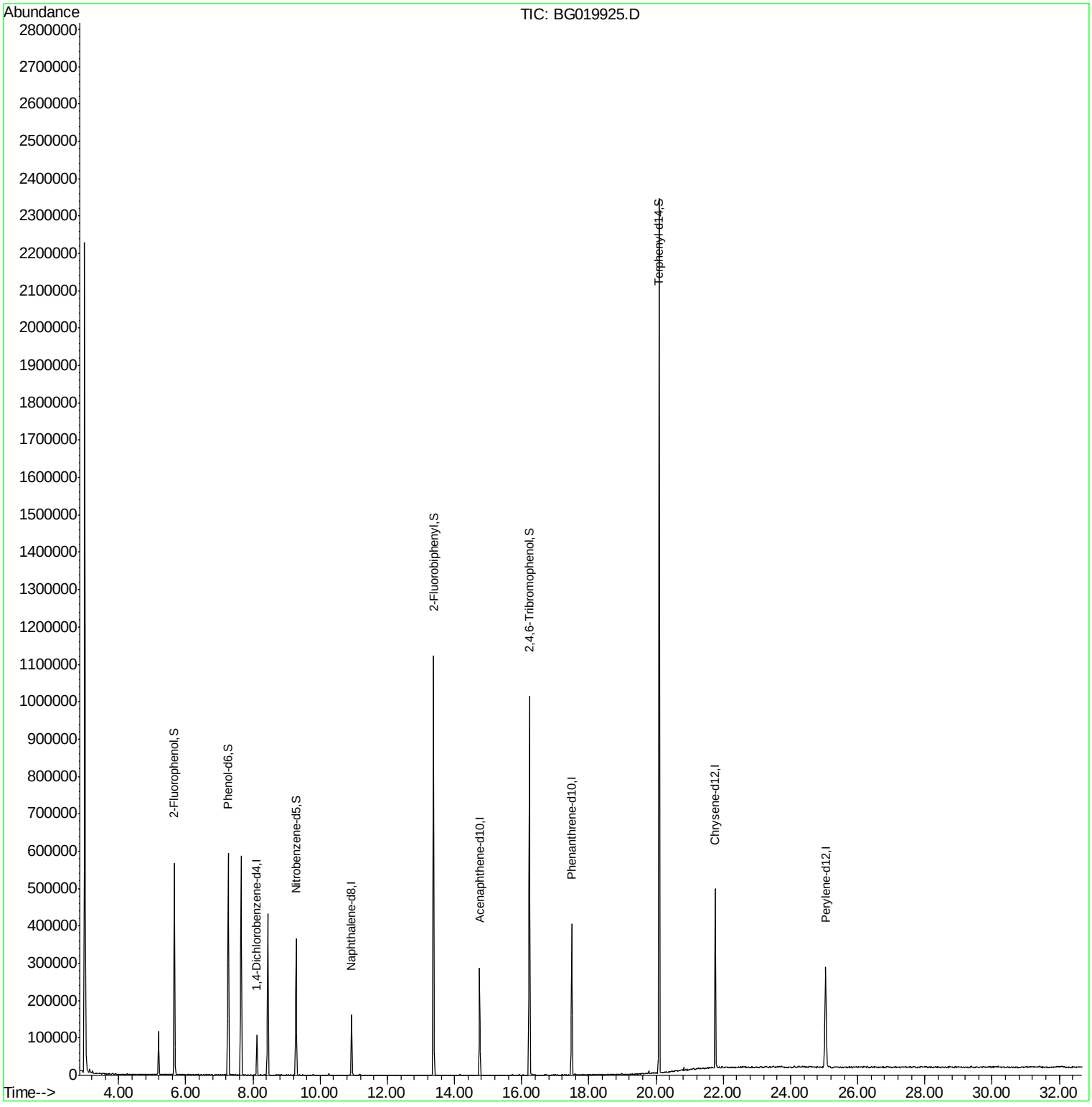
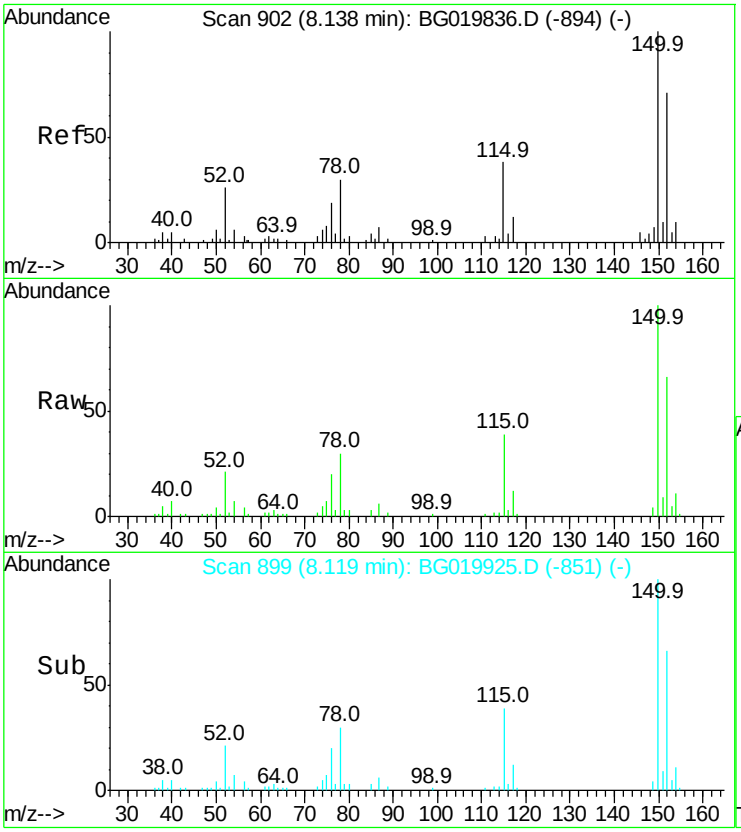


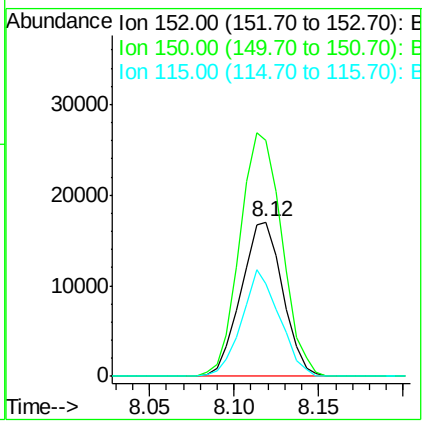


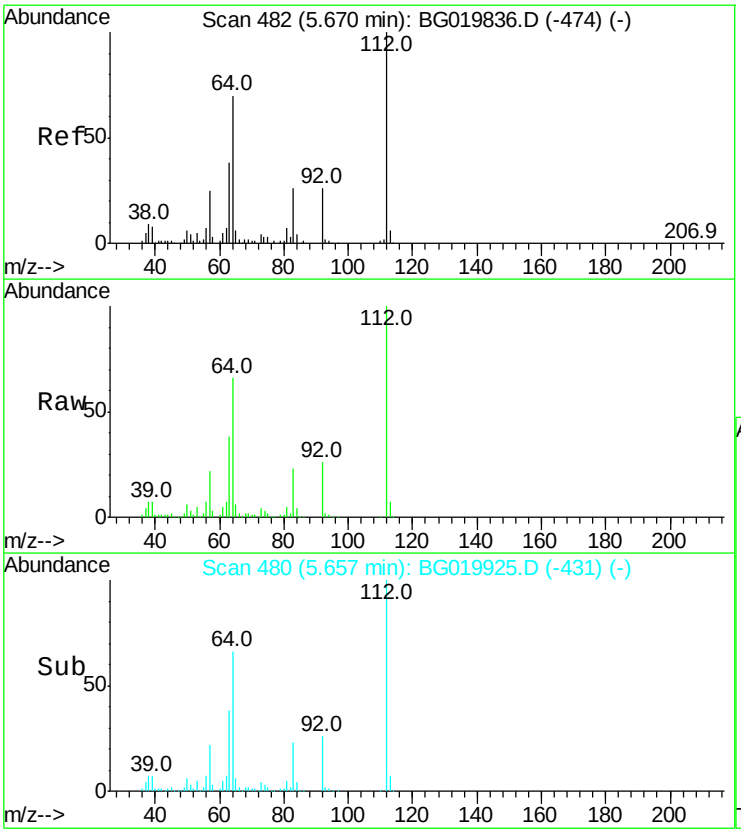
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

Instrument :
BNA_G
ClientSampleId :
PB87049BL

Tgt Ion:152 Resp: 29138

Ion	Ratio	Lower	Upper
152	100		
150	152.2	115.0	172.4
115	59.8	43.9	65.9

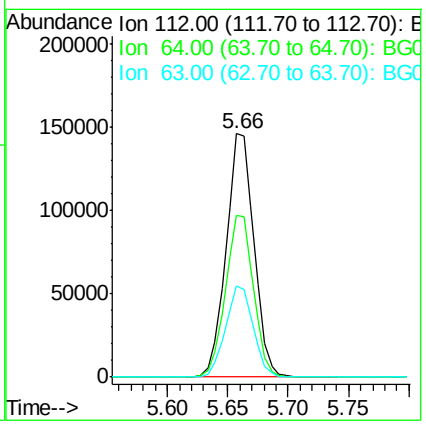


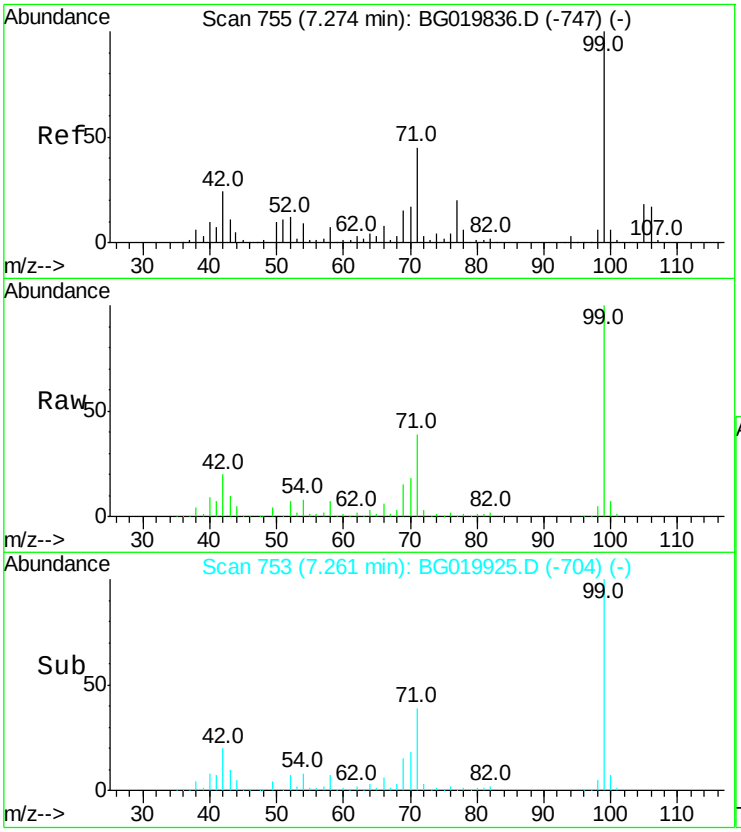


#5
2-Fluorophenol
Concen: 145.10 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

Tgt Ion:112 Resp: 233926

Ion	Ratio	Lower	Upper
112	100		
64	66.5	43.7	65.5#
63	37.7	24.0	36.0#



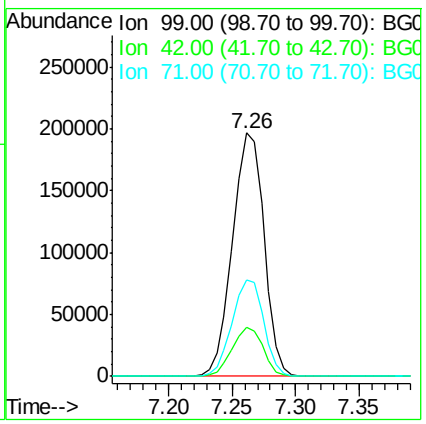


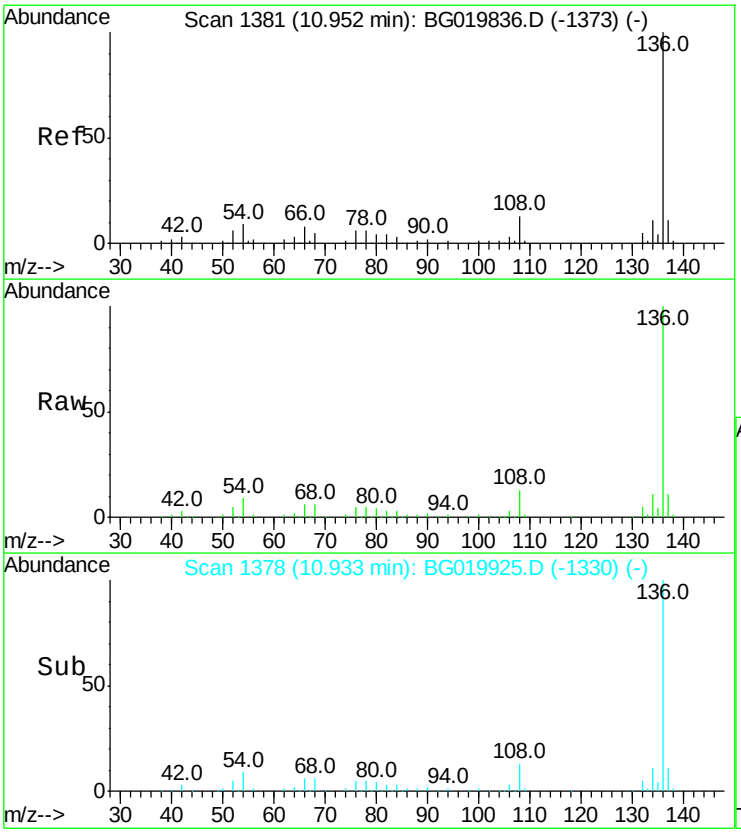
#7
Phenol-d6
Concen: 139.50 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

Instrument :
BNA_G
ClientSampleId :
PB87049BL

Tgt Ion: 99 Resp: 339566

Ion	Ratio	Lower	Upper
99	100		
42	20.4	11.5	17.3#
71	39.4	22.6	34.0#

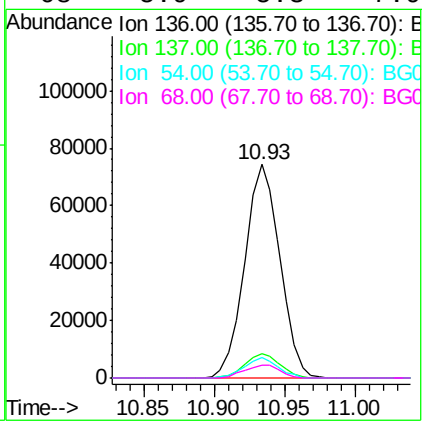


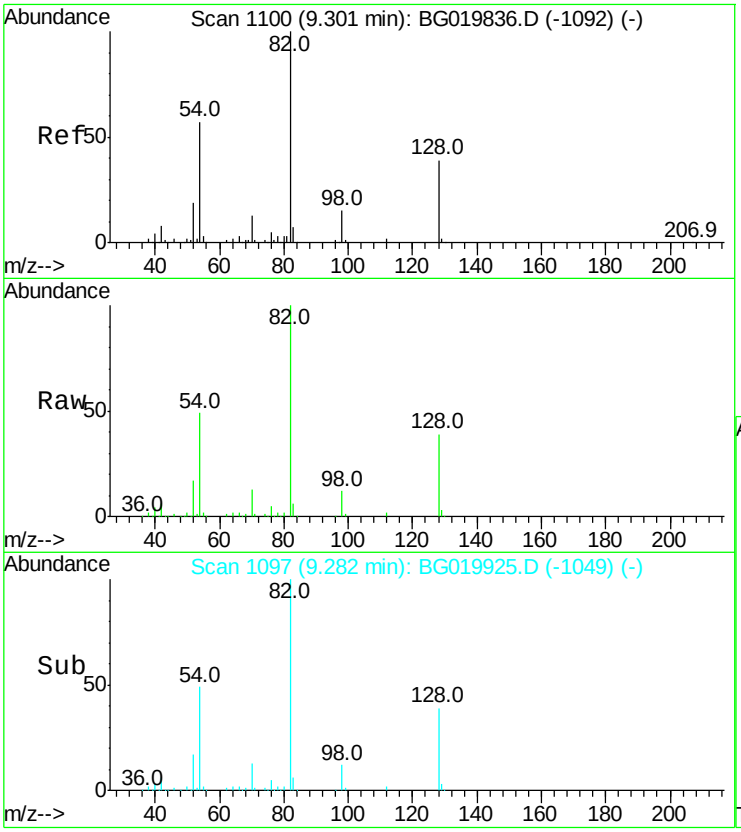


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

Tgt Ion:136 Resp: 130100

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.4	5.4	8.2#
68	5.9	5.3	7.9

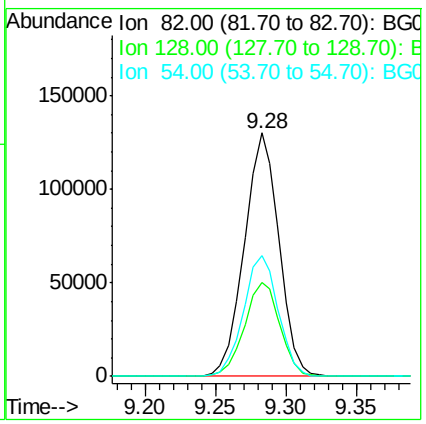




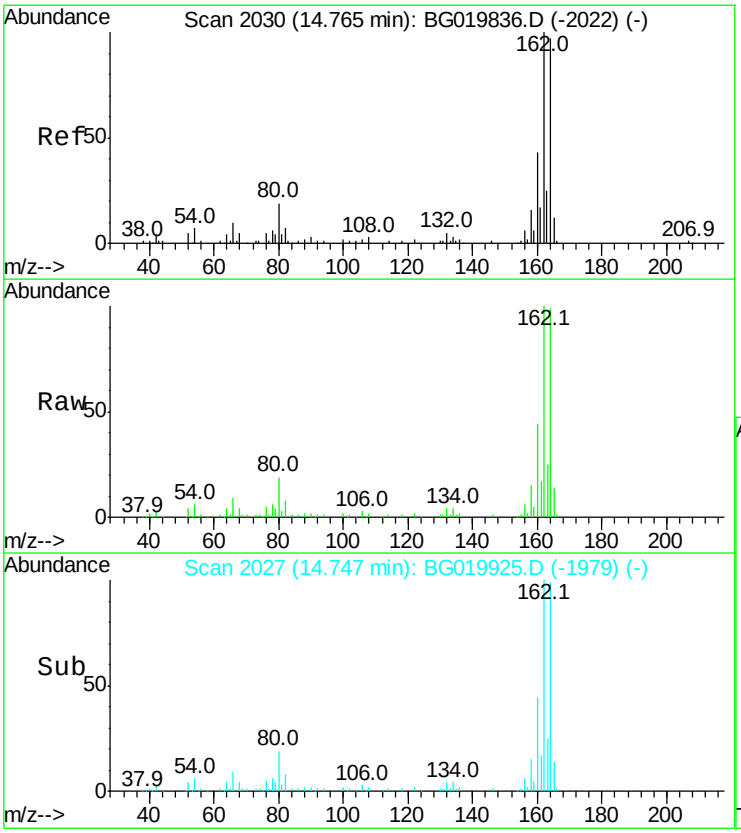
#23
Nitrobenzene-d5
Concen: 87.64 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

Tgt Ion: 82 Resp: 223404

Ion	Ratio	Lower	Upper
82	100		
128	38.5	36.7	55.1
54	49.4	33.8	50.8



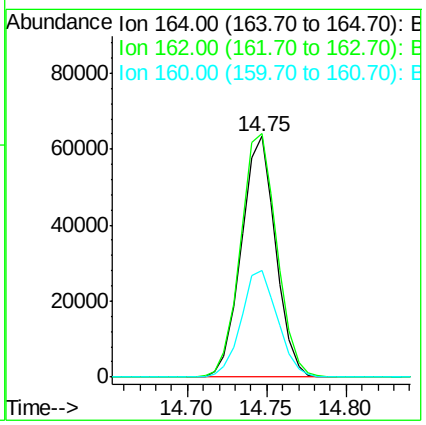
Instrument :
BNA_G
ClientSampleId :
PB87049BL

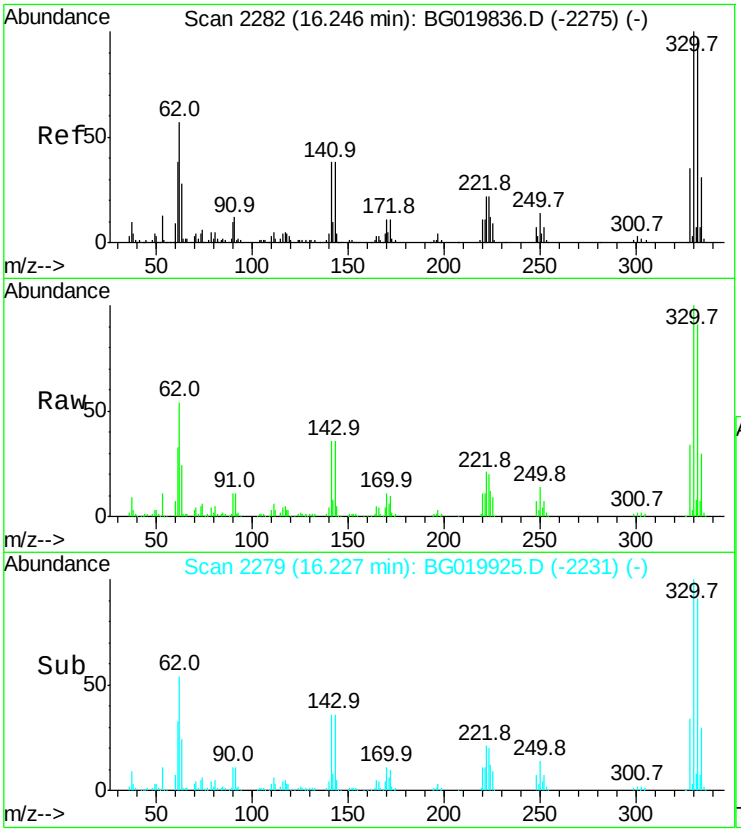


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

Tgt Ion:164 Resp: 94631

Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	44.3	36.4	54.6



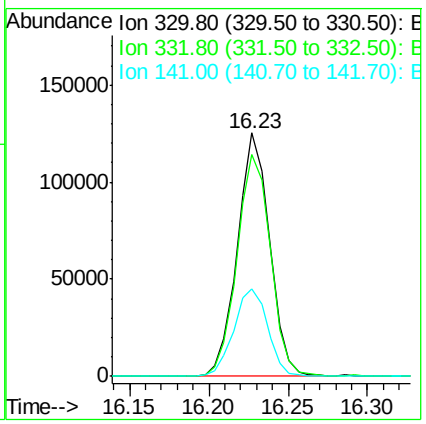


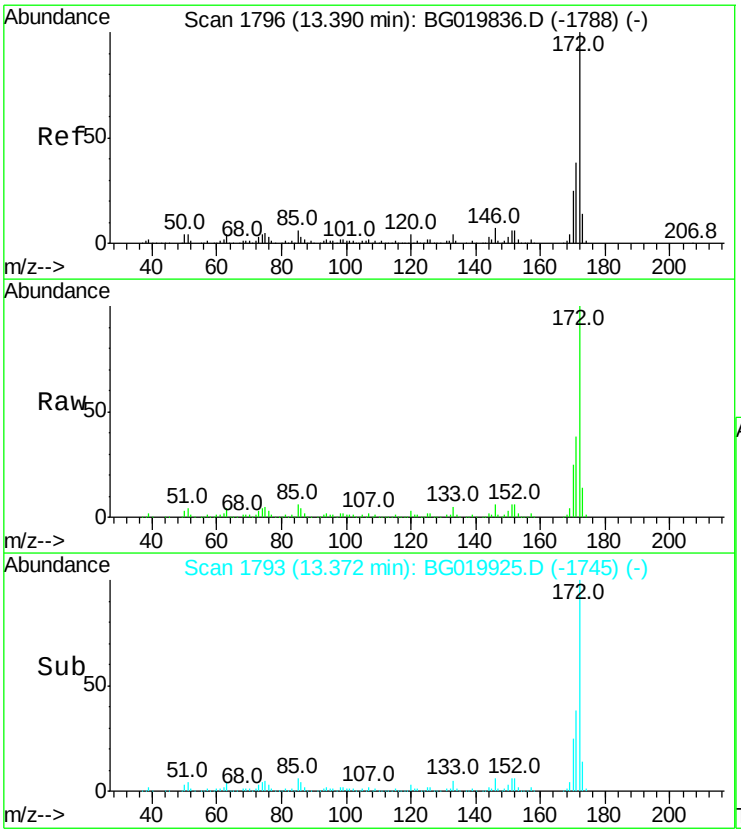
#41
2,4,6-Tribromophenol
Concen: 122.41 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

Instrument :
BNA_G
ClientSampleId :
PB87049BL

Tgt Ion:330 Resp: 177236

Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.1	117.1
141	37.9	28.2	42.2

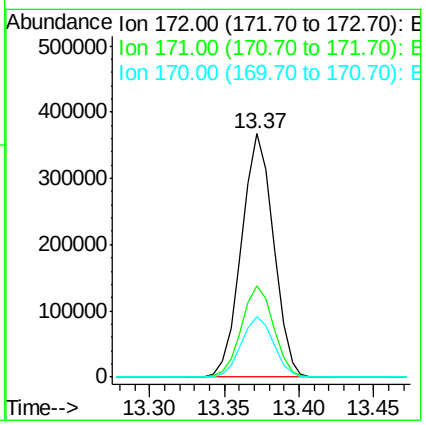


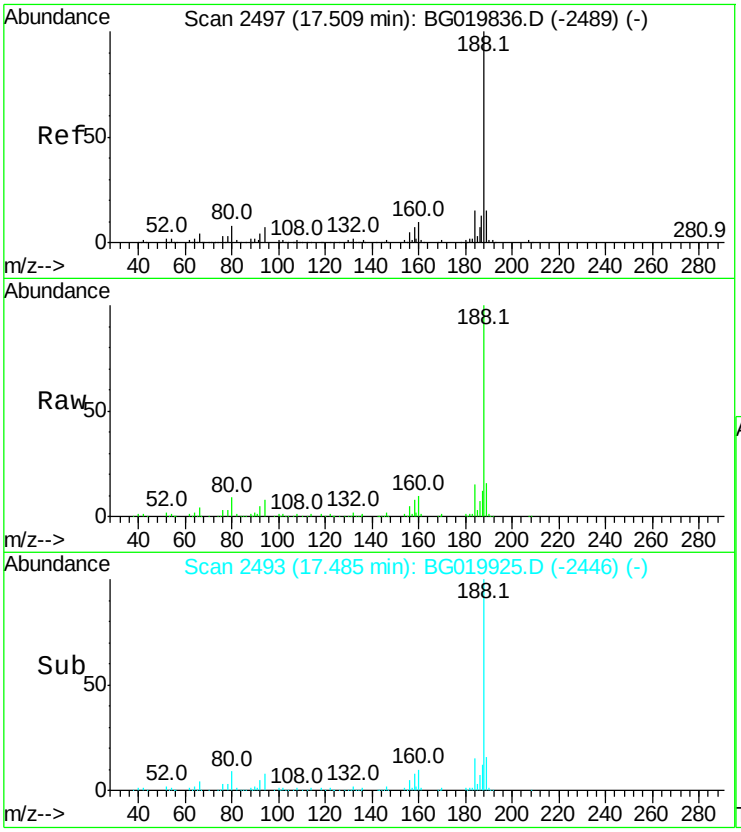


#44
2-Fluorobiphenyl
Concen: 78.76 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

Tgt Ion:172 Resp: 545872

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.6
170	24.8	19.9	29.9



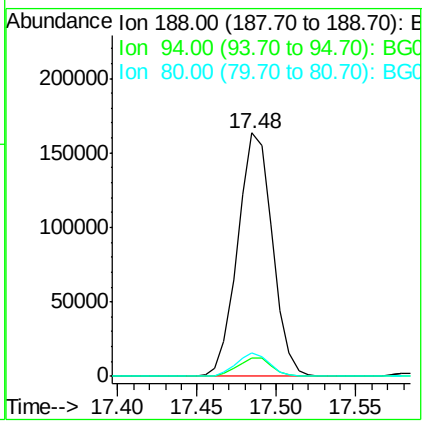


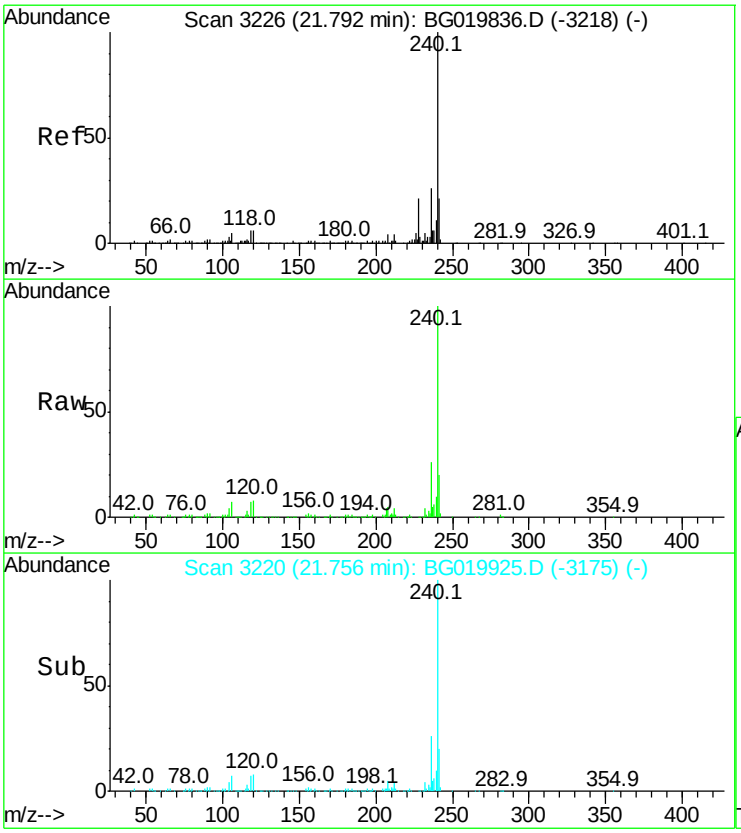
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

Instrument :
BNA_G
ClientSampleId :
PB87049BL

Tgt Ion:188 Resp: 247888

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.7	11.5
80	9.4	7.8	11.8

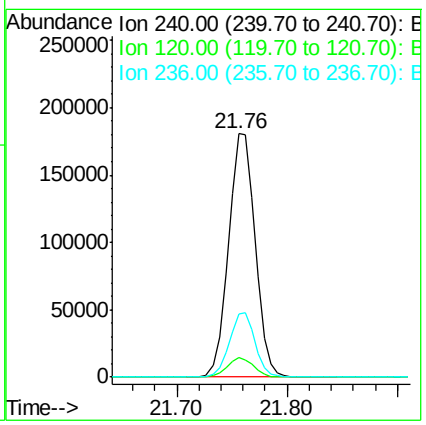


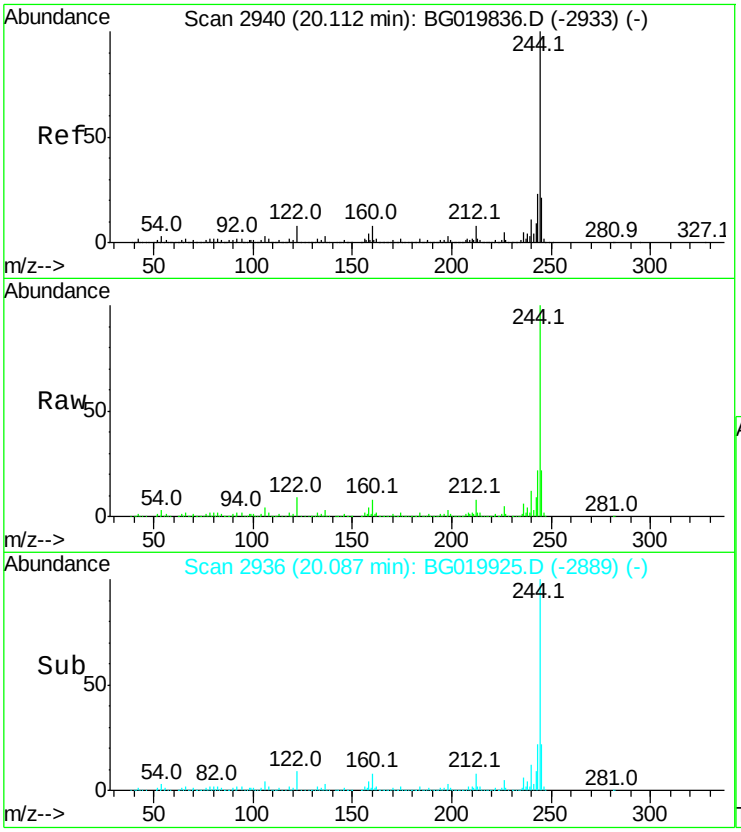


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

Tgt Ion:240 Resp: 305928

Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.4	11.0
236	25.9	20.7	31.1



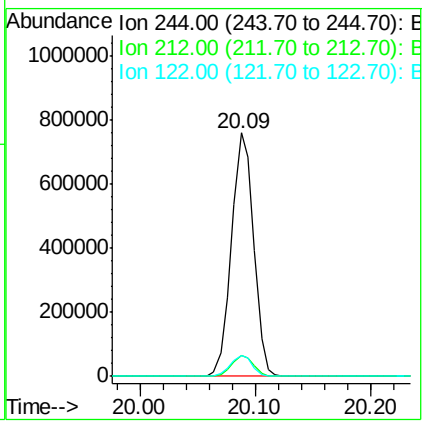


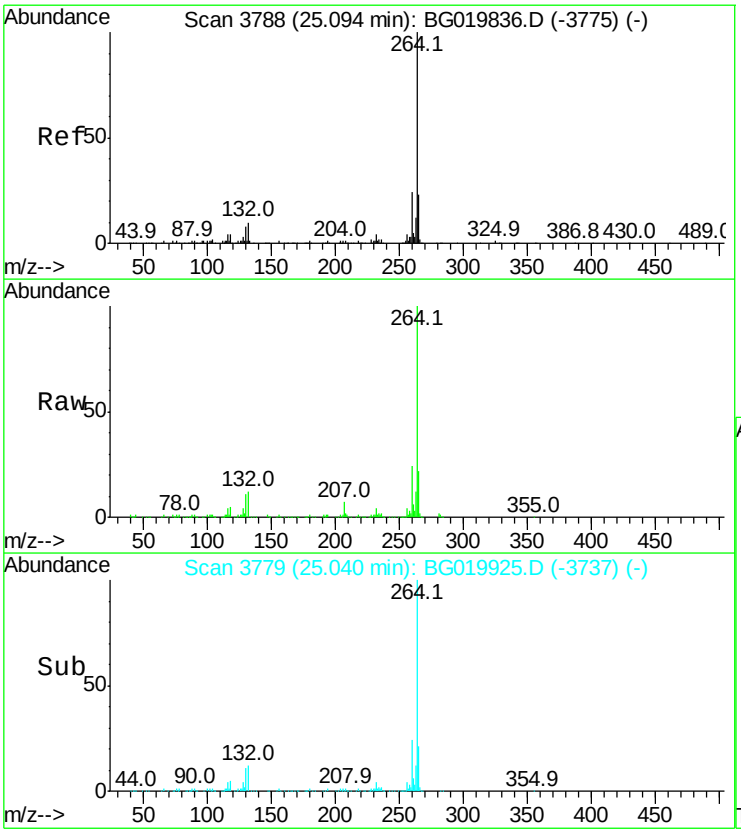
#78
Terphenyl-d14
Concen: 80.24 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.02 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

Instrument :
BNA_G
ClientSampleId :
PB87049BL

Tgt Ion:244 Resp: 1006353

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	8.8	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.05 min
Lab File: BG019925.D
Acq: 5 Dec 2015 4:10

Tgt Ion:264 Resp: 282061

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.6	17.2	25.8