Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042842.D
Acq On : 16 Sep 2019 9:35
Operator : HP/JU
Sample : PB123104BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB123104BL

Quant Time: Sep 17 02:05:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	82190	20.00 ng	0.00
21) Naphthalene-d8	10.93	136	319008	20.00 ng	0.00
39) Acenaphthene-d10	14.74	164	241397	20.00 ng	0.00
64) Phenanthrene-d10	17.48	188	610641	20.00 ng	0.00
76) Chrysene-d12	21.75	240	659211	20.00 ng	0.00
87) Perylene-d12	25.03	264	687268	20.00 ng	-0.01
System Monitoring Compounds					
5) 2-Fluorophenol	5.68	112	529590	112.02 ng	0.00
7) Phenol-d6	7.27	99	788246	116.17 ng	0.00
23) Nitrobenzene-d5	9.27	82	475016	77.52 ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	375979	117.07 ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1144487	75.05 ng	0.00
79) Terphenyl-d14	20.09	244	2231146	75.01 ng	0.00

Target Compounds Qvalue

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

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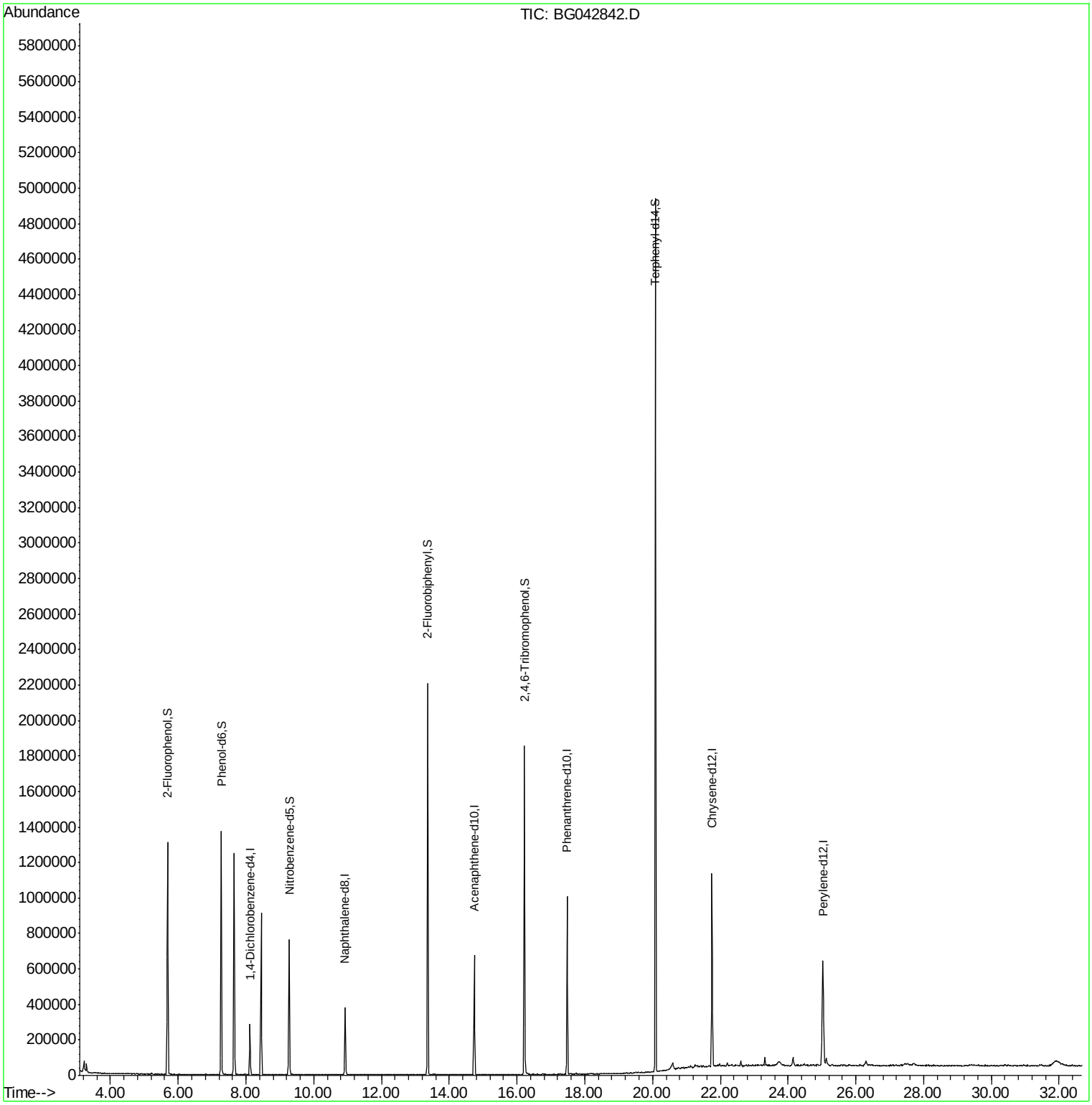
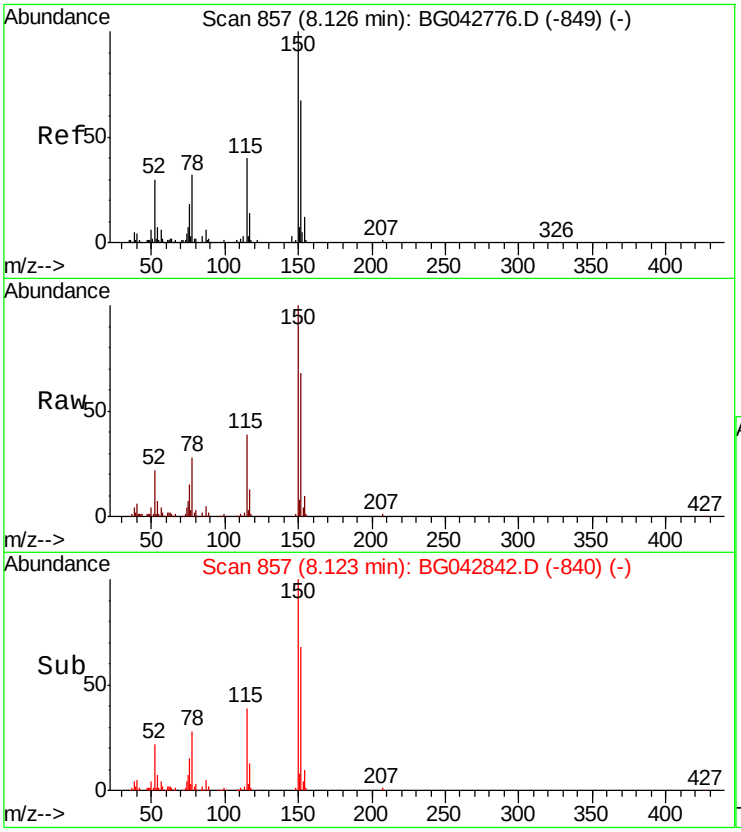


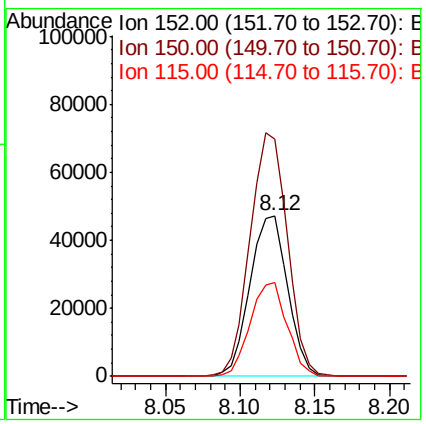


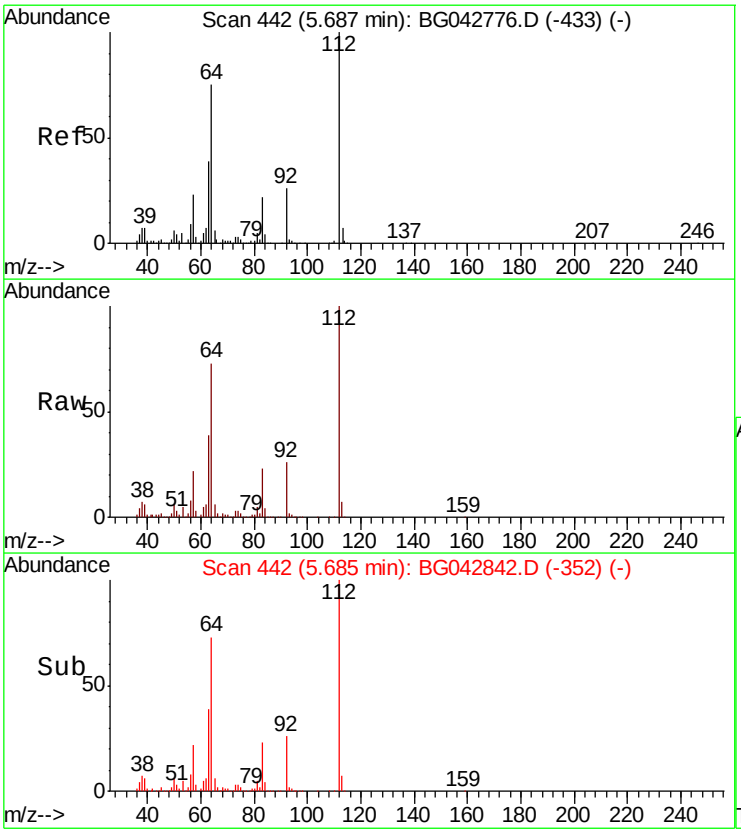
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.00 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Instrument :
BNA_G
ClientSampleId :
PB123104BL

Tgt Ion:152 Resp: 82190

Ion	Ratio	Lower	Upper
152	100		
150	147.5	118.9	178.3
115	58.0	47.4	71.2

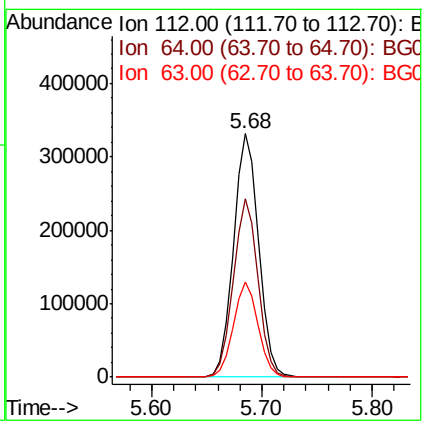


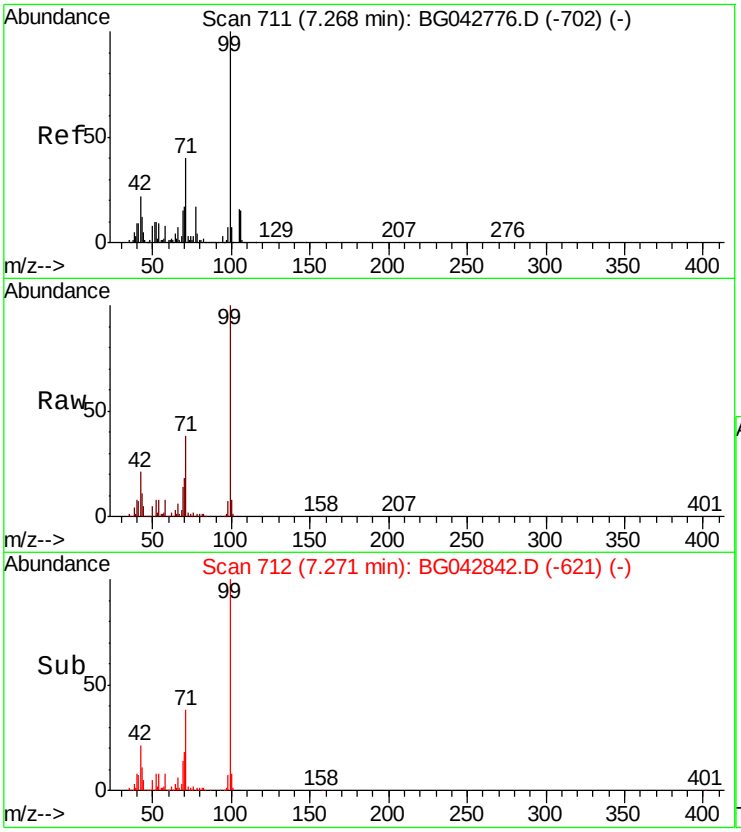


#5
2-Fluorophenol
Concen: 112.023 ng
RT: 5.68 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Tgt Ion:112 Resp: 529590

Ion	Ratio	Lower	Upper
112	100		
64	73.0	60.2	90.2
63	39.1	31.2	46.8



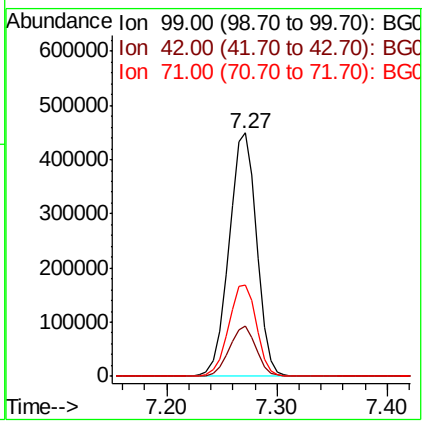


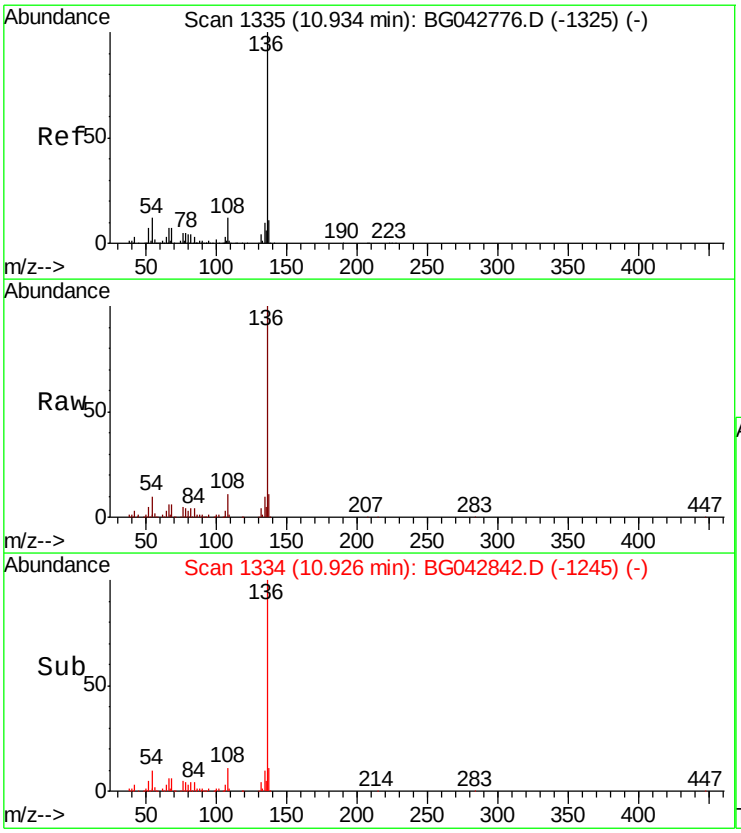
#7
Phenol-d6
Concen: 116.165 ng
RT: 7.27 min Scan# 712
Delta R.T. 0.00 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Instrument :
BNA_G
ClientSampleId :
PB123104BL

Tgt Ion: 99 Resp: 788246

Ion	Ratio	Lower	Upper
99	100		
42	20.6	17.5	26.3
71	37.7	32.0	48.0

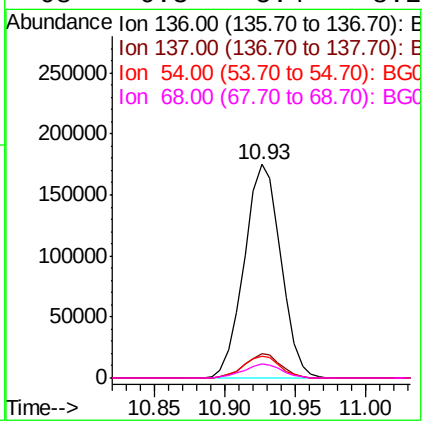


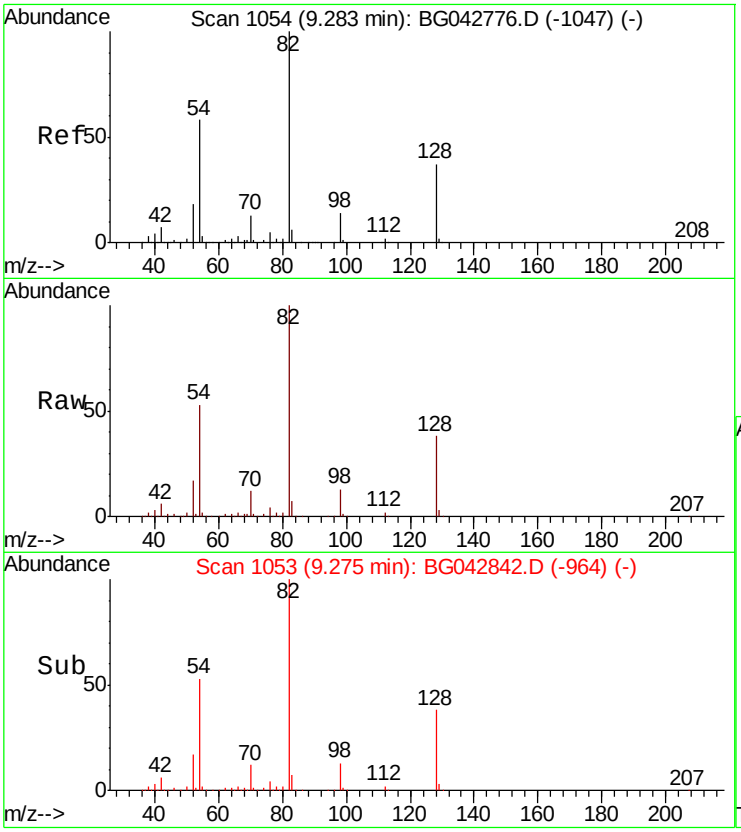


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Tgt Ion:136 Resp: 319008

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.4	9.4	14.0
68	6.3	5.4	8.2



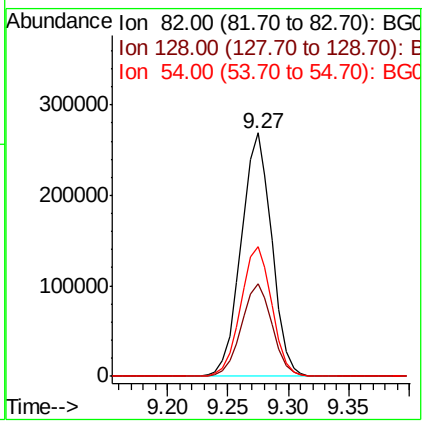


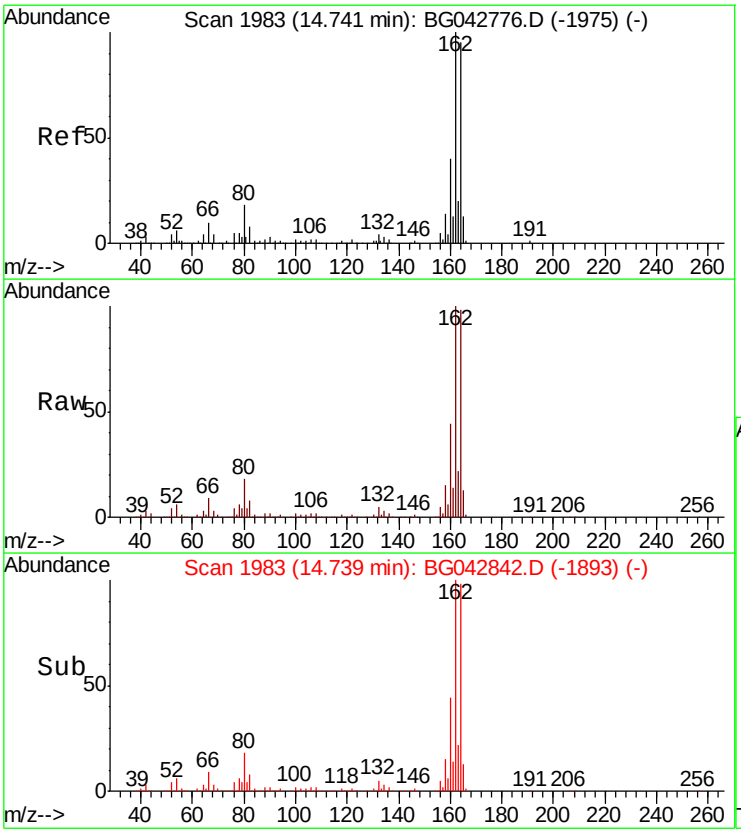
#23
Nitrobenzene-d5
Concen: 77.523 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Instrument :
BNA_G
ClientSampleId :
PB123104BL

Tgt Ion: 82 Resp: 475016

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.8	44.8
54	53.1	46.1	69.1

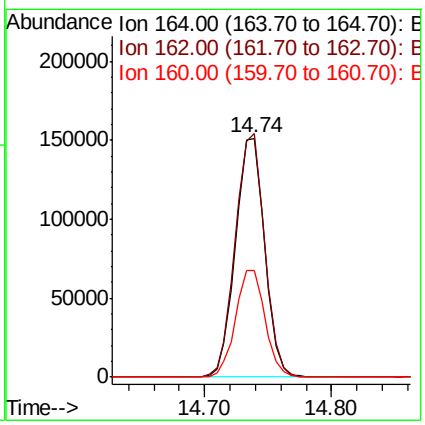


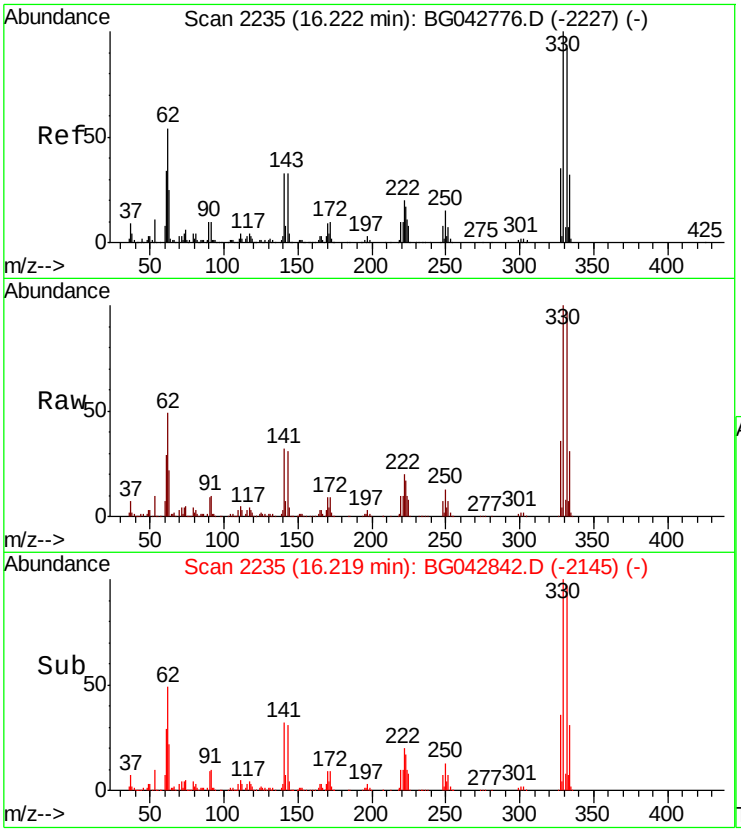


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Tgt Ion:164 Resp: 241397

Ion	Ratio	Lower	Upper
164	100		
162	101.8	84.6	126.8
160	44.6	34.2	51.2



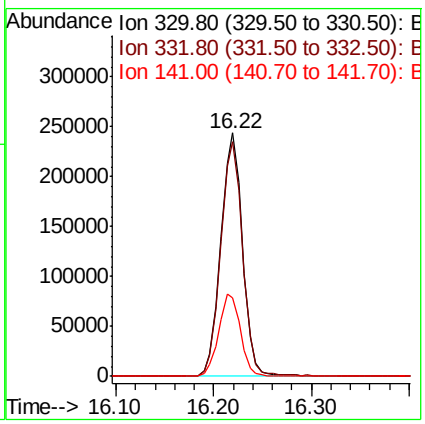


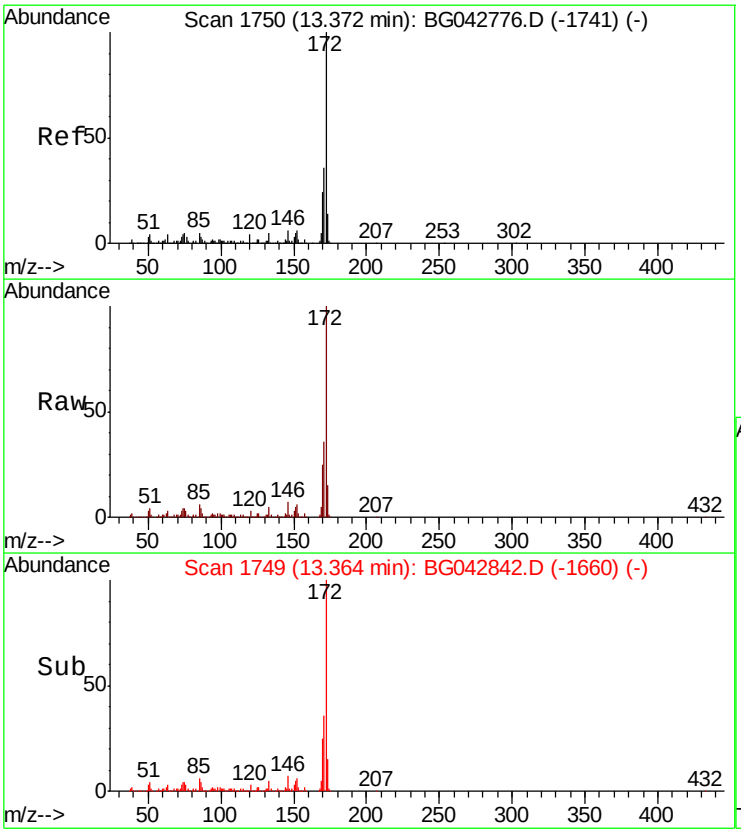
#42
2,4,6-Tribromophenol
Concen: 117.069 ng
RT: 16.22 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Instrument :
BNA_G
ClientSampleId :
PB123104BL

Tgt Ion:330 Resp: 375979

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.7	115.1
141	34.1	27.0	40.6

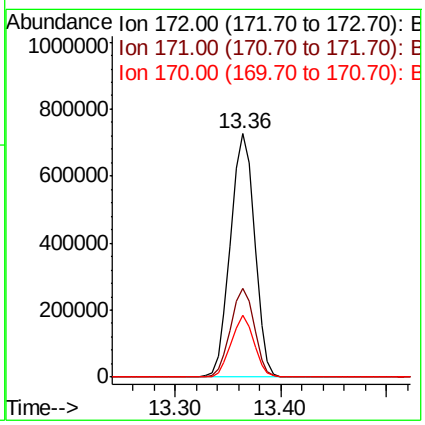


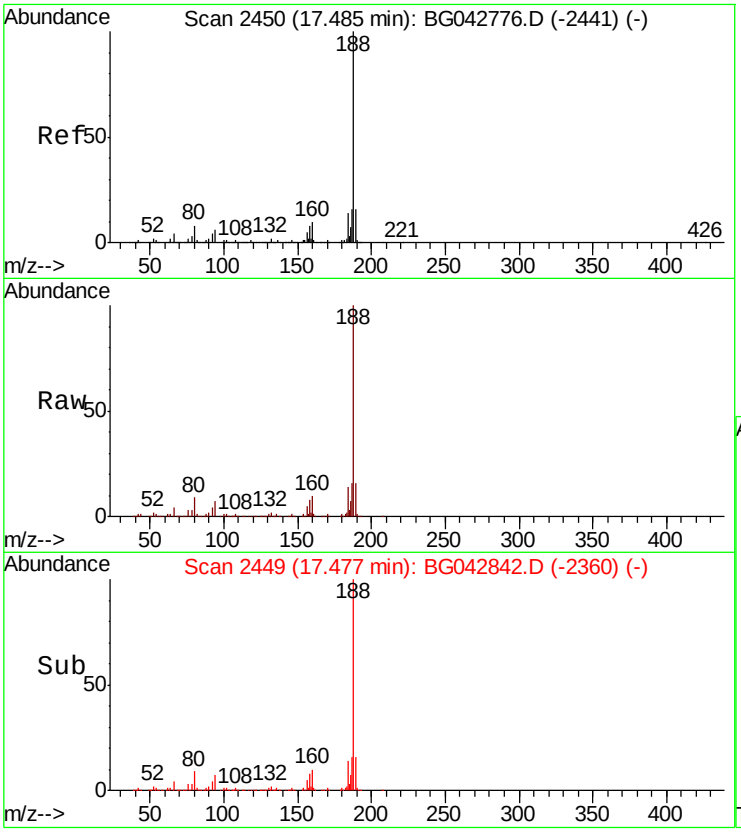


#45
2-Fluorobiphenyl
Concen: 75.048 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Tgt Ion:172 Resp: 1144487

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	25.3	19.1	28.7



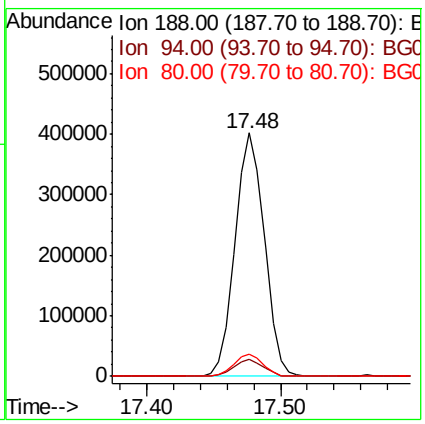


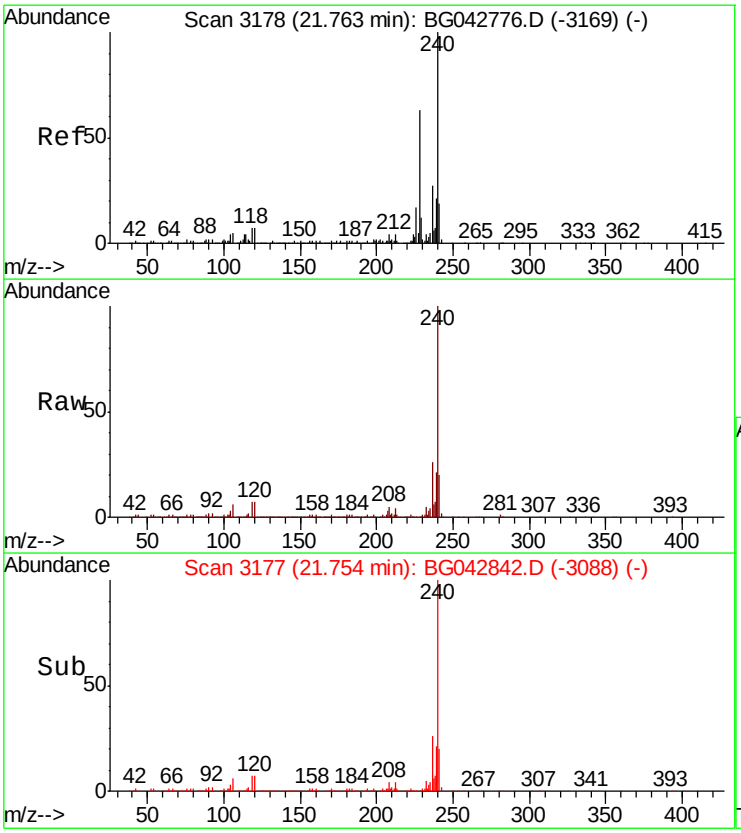
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Instrument :
BNA_G
ClientSampleId :
PB123104BL

Tgt Ion:188 Resp: 610641

Ion	Ratio	Lower	Upper
188	100		
94	7.1	4.8	7.2
80	9.1	6.6	9.8

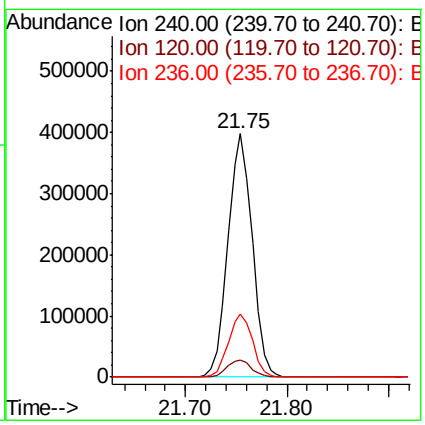


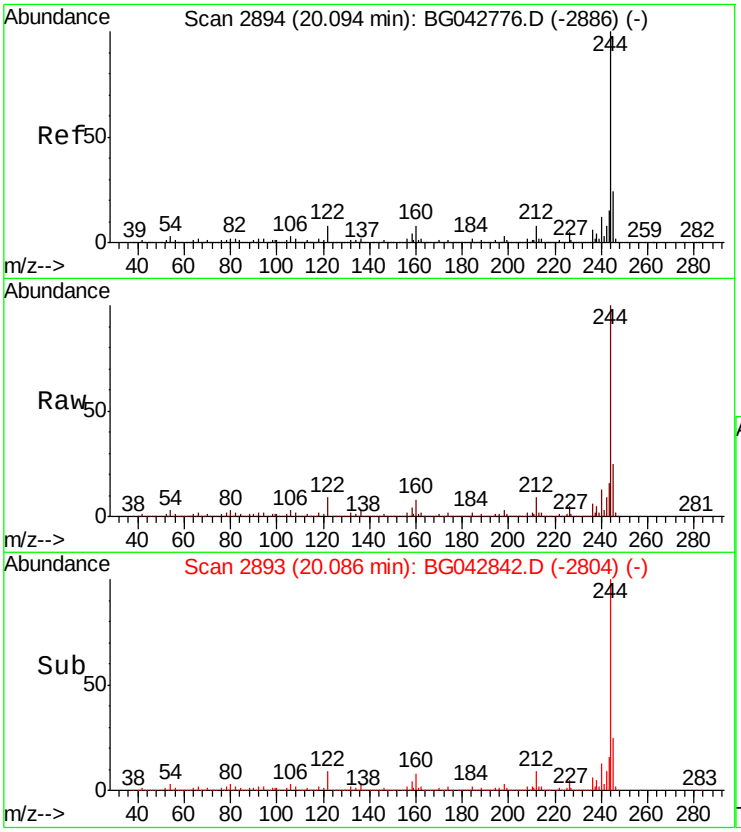


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Tgt Ion:240 Resp: 659211

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.4	8.2
236	26.1	21.7	32.5



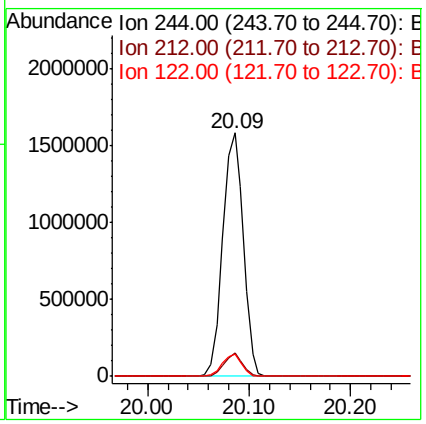


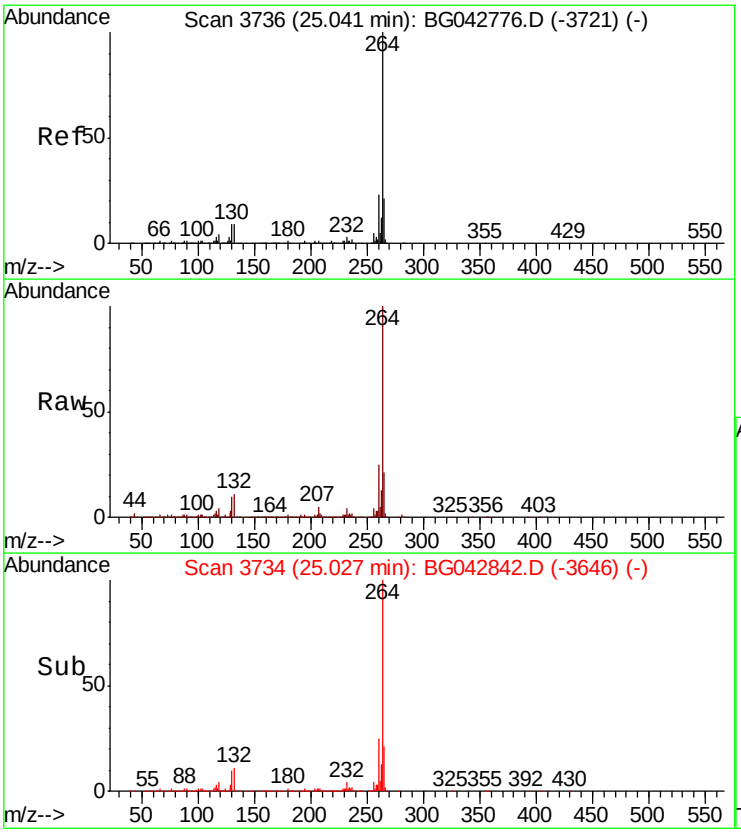
#79
Terphenyl-d14
Concen: 75.012 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Instrument :
BNA_G
ClientSampleId :
PB123104BL

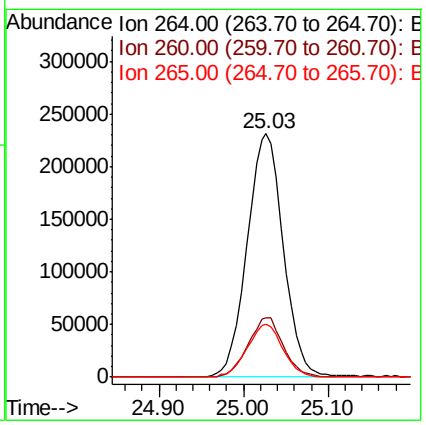
Tgt Ion:244 Resp: 2231146

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.6	10.0
122	9.4	6.2	9.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG042842.D
Acq: 16 Sep 2019 9:35

Tgt Ion:264 Resp: 687268

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.2
265	21.5	16.9	25.3