Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090716\
Data File : BG023959.D
Acq On : 7 Sep 2016 19:03
Operator : UM/SJ
Sample : H4720-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DI-BOTTOM

Quant Time: Sep 08 08:47:17 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	47712	20.00	ng	-0.02
21) Naphthalene-d8	10.90	136	194772	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	137852	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	346459	20.00	ng	-0.02
75) Chrysene-d12	21.81	240	410296	20.00	ng	-0.03
86) Perylene-d12	25.16	264	391020	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	336637	123.87	ng	-0.03
7) Phenol-d6	7.23	99	500888	119.74	ng	-0.03
23) Nitrobenzene-d5	9.24	82	373872	85.70	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	278334	112.07	ng	-0.02
44) 2-Fluorobiphenyl	13.35	172	755348	78.56	ng	-0.02
78) Terphenyl-d14	20.11	244	1325667	73.58	ng	-0.02
Target Compounds						Qvalue
40) Hexachlorocyclopentadiene	12.98	237	84	7.11	ng	# 26
49) Dimethylphthalate	14.18	163	216956	18.35	ng	99
53) 2,4-Dinitrophenol	14.88	184	93	6.56	ng	# 10

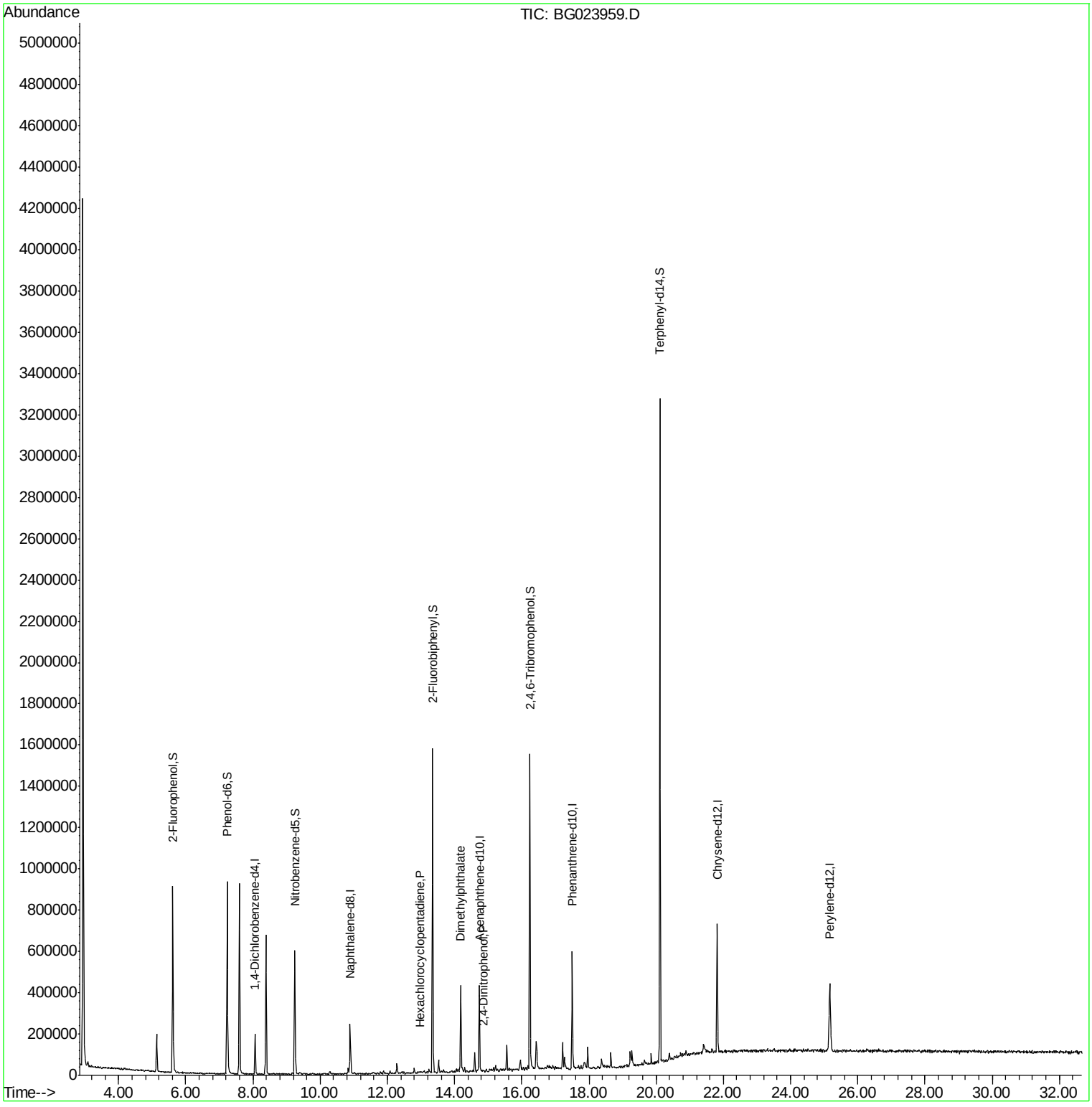
(#) = qualifier out of range (m) = manual integration (+) = signals summed

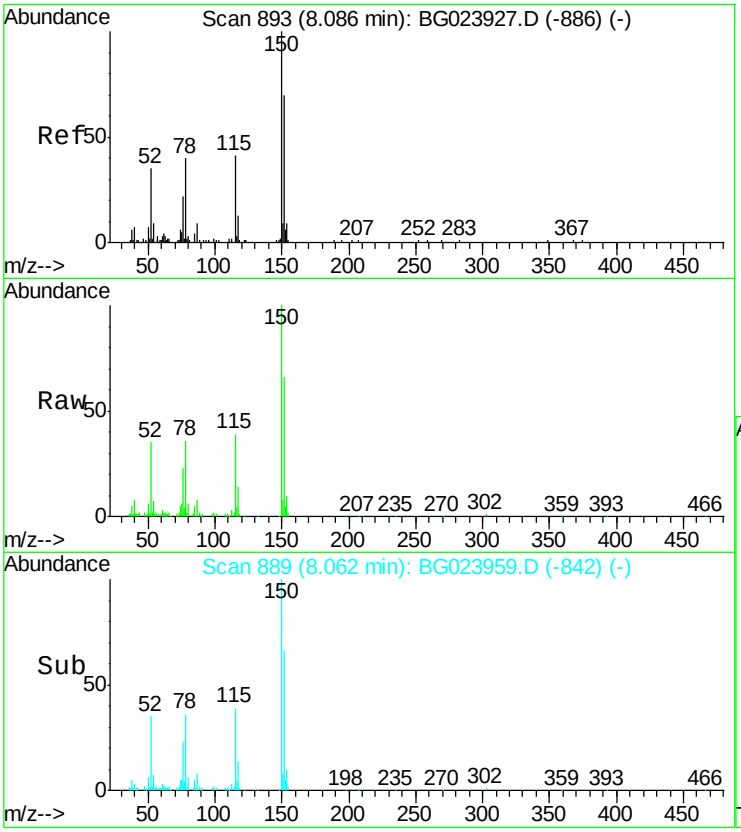
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090716\
Data File : BG023959.D
Acq On : 7 Sep 2016 19:03
Operator : UM/SJ
Sample : H4720-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DI-BOTTOM

Quant Time: Sep 08 08:47:17 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



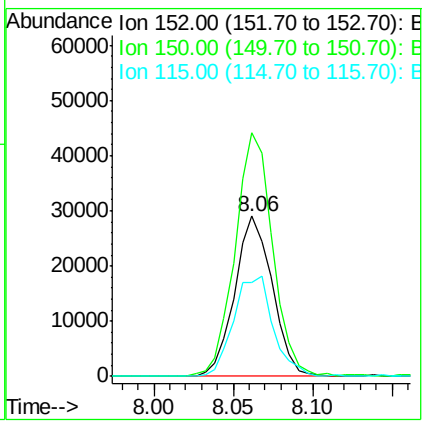


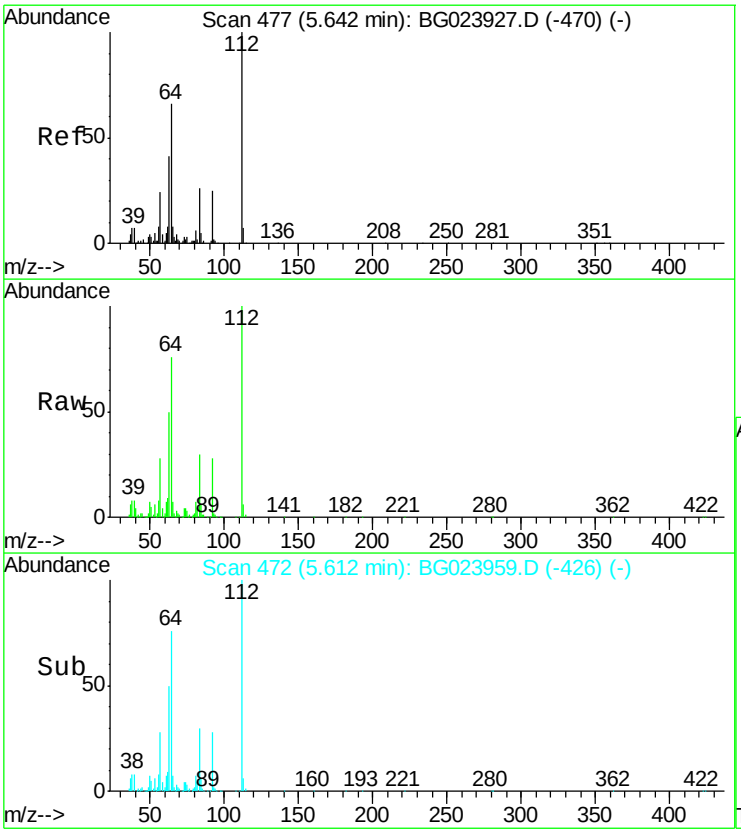
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 889
Delta R.T. -0.02 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
DI-BOTTOM

Tgt Ion:152 Resp: 47712

Ion	Ratio	Lower	Upper
152	100		
150	152.1	144.7	217.1
115	58.7	64.0	96.0#

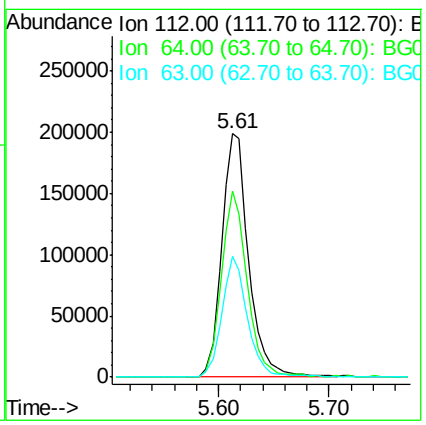


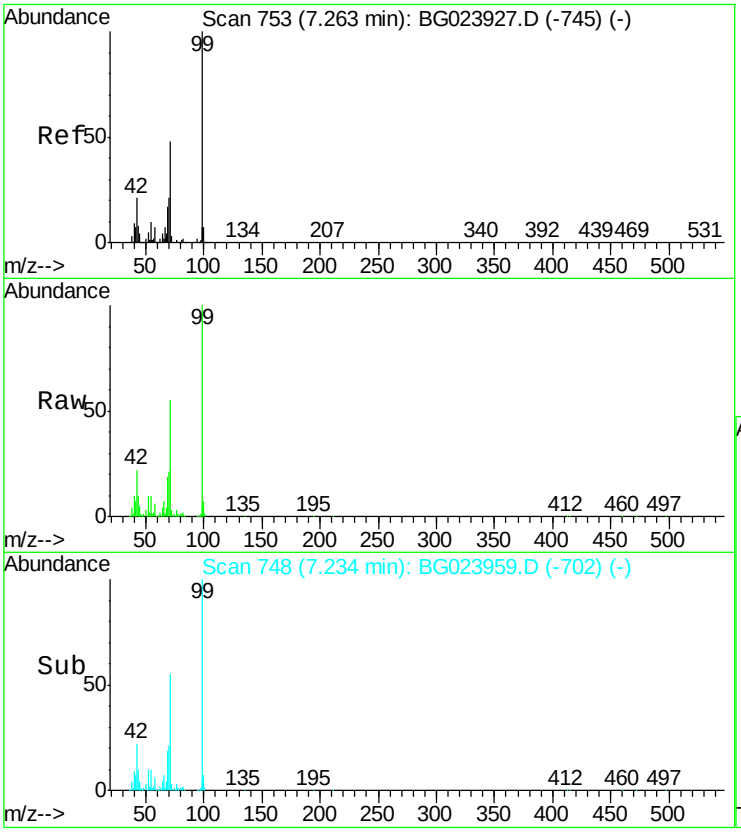


#5
2-Fluorophenol
Concen: 123.87 ng
RT: 5.61 min Scan# 472
Delta R.T. -0.03 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Tgt Ion:112 Resp: 336637

Ion	Ratio	Lower	Upper
112	100		
64	76.4	59.0	88.4
63	49.8	37.8	56.8



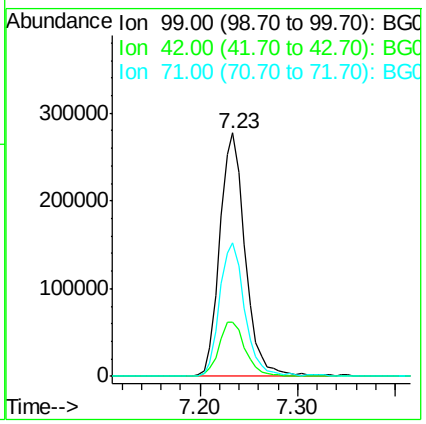


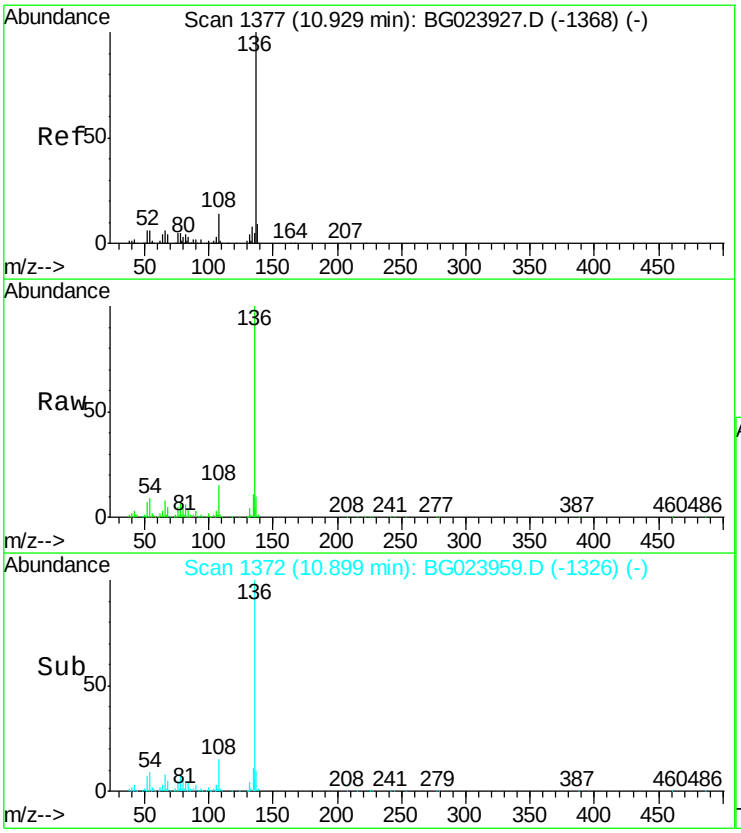
#7
Phenol-d6
Concen: 119.74 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.03 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
DI-BOTTOM

Tgt Ion: 99 Resp: 500888

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.8	26.6
71	54.6	41.5	62.3

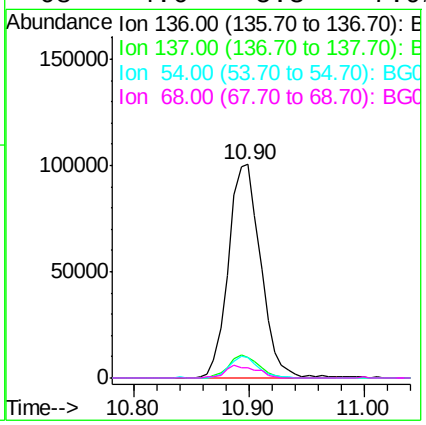


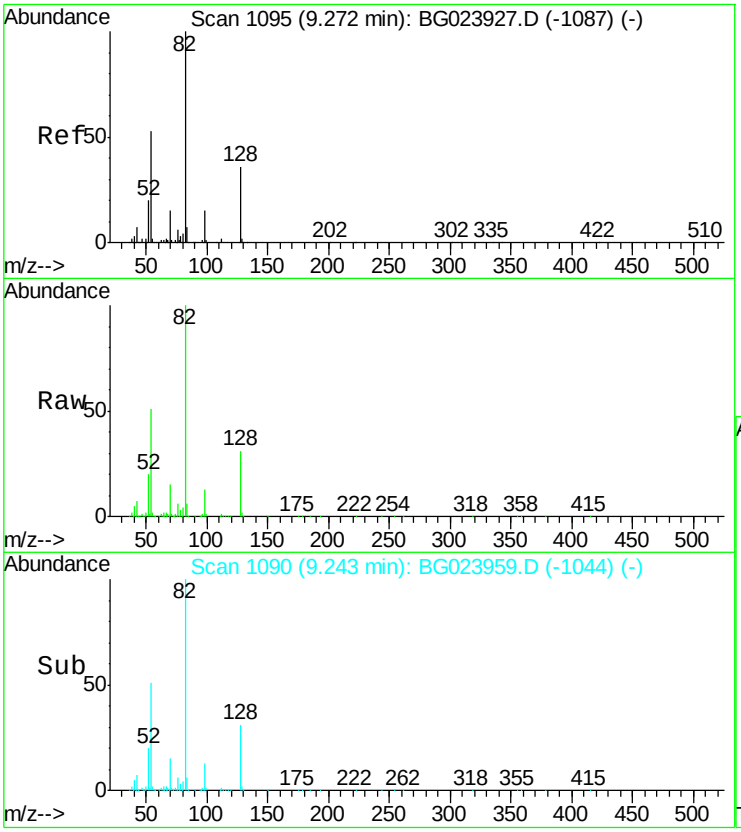


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.90 min Scan# 1372
Delta R.T. -0.03 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Tgt Ion:136 Resp: 194772

Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.6	14.4#
54	9.3	7.3	10.9
68	4.6	5.3	7.9#



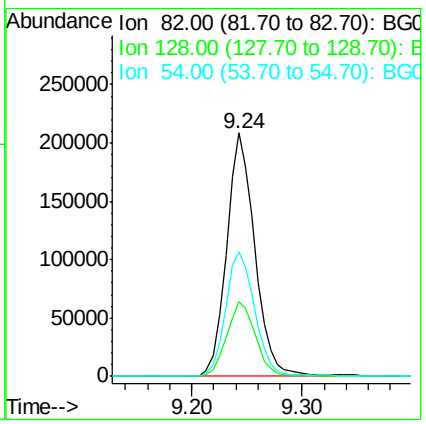


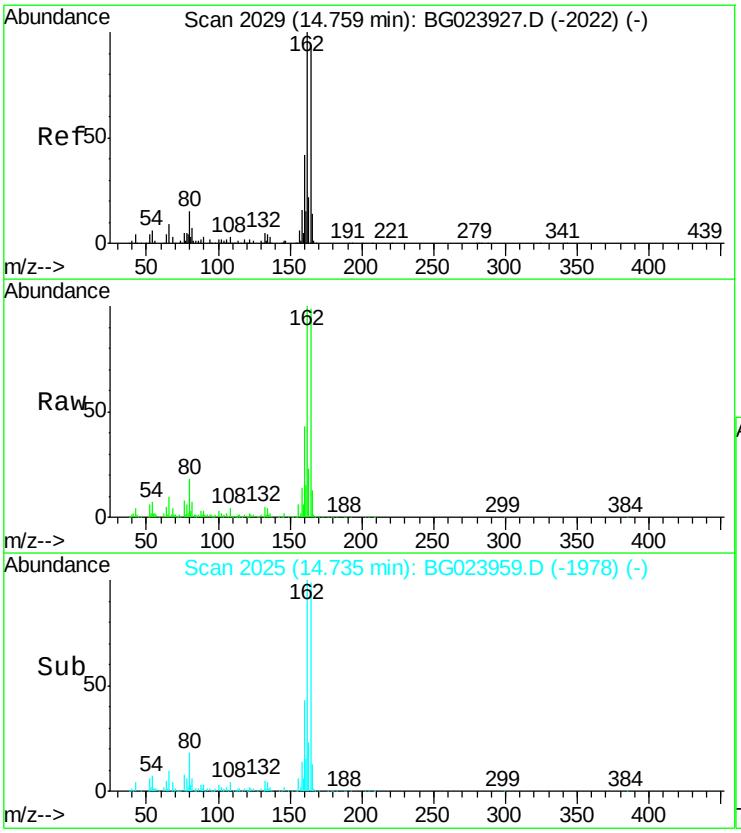
#23
Nitrobenzene-d5
Concen: 85.70 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
DI-BOTTOM

Tgt Ion: 82 Resp: 373872

Ion	Ratio	Lower	Upper
82	100		
128	30.8	24.4	36.6
54	50.9	41.4	62.0

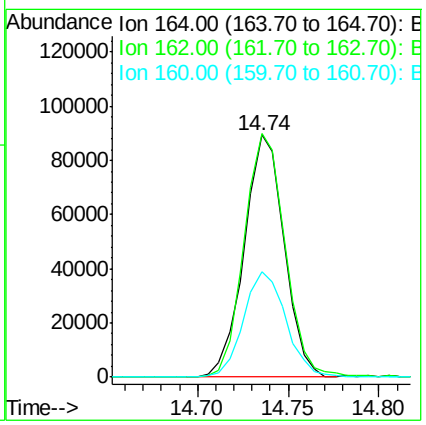


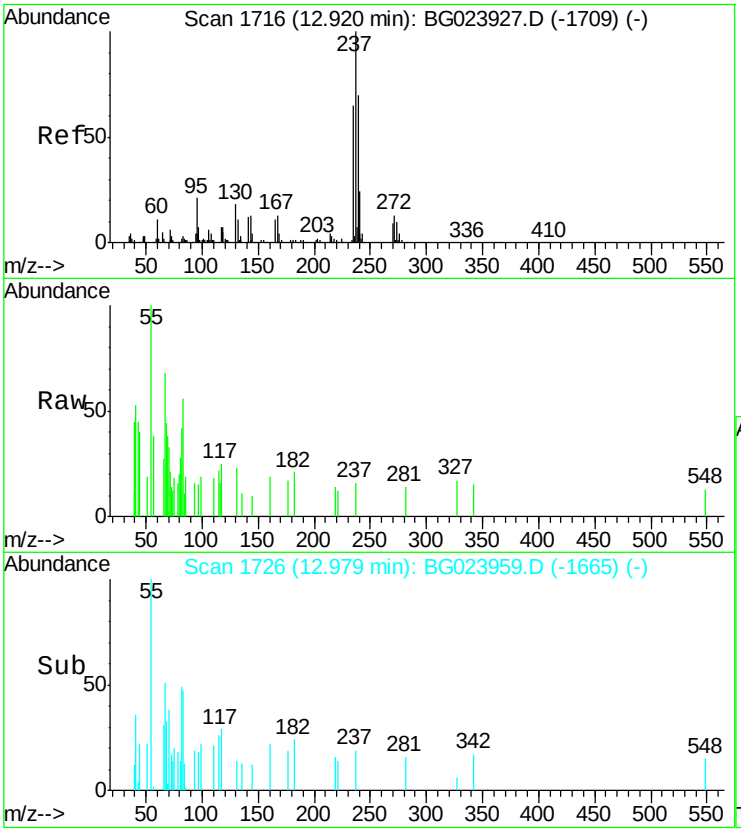


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Tgt Ion:164 Resp: 137852

Ion	Ratio	Lower	Upper
164	100		
162	100.5	87.7	131.5
160	43.4	37.2	55.8



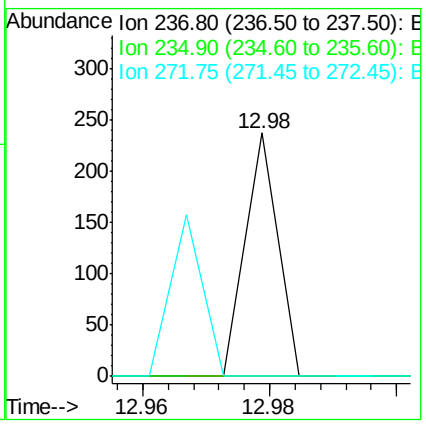


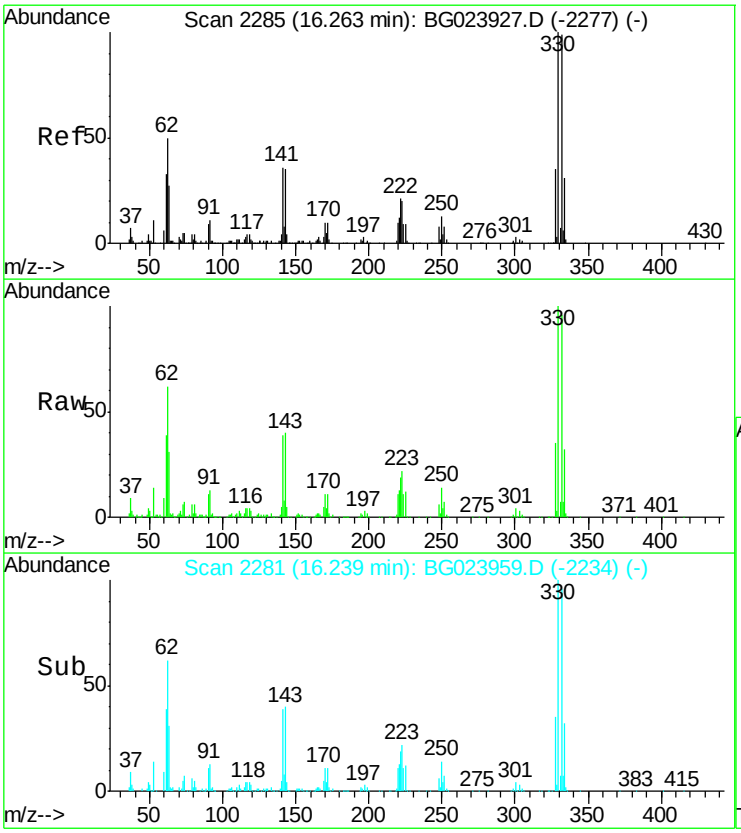
#40
Hexachlorocyclopentadiene
Concen: 7.11 ng
RT: 12.98 min Scan# 1726
Delta R.T. 0.06 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
DI-BOTTOM

Tgt Ion:237 Resp: 84

Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9

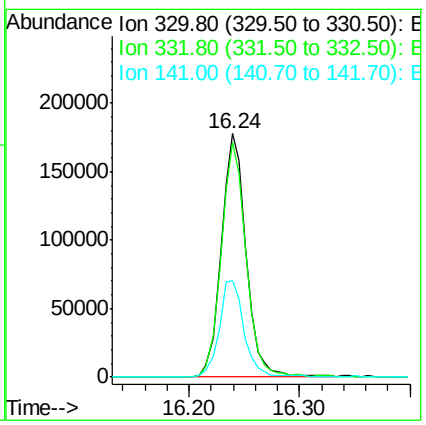


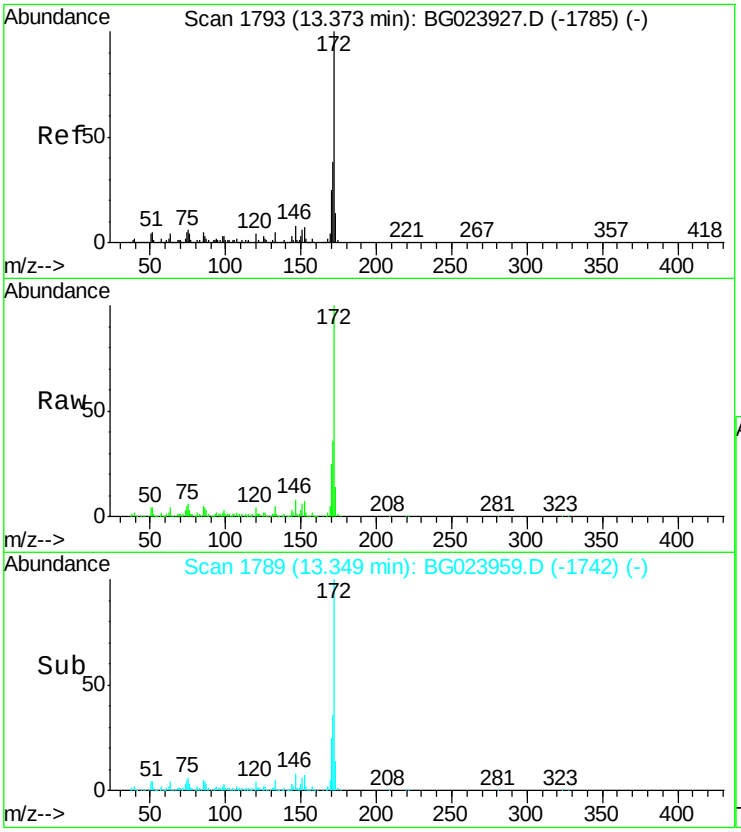


#41
2,4,6-Tribromophenol
Concen: 112.07 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Tgt Ion:330 Resp: 278334

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	40.1	31.7	47.5



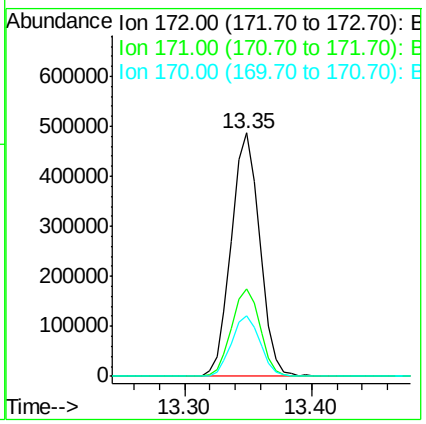


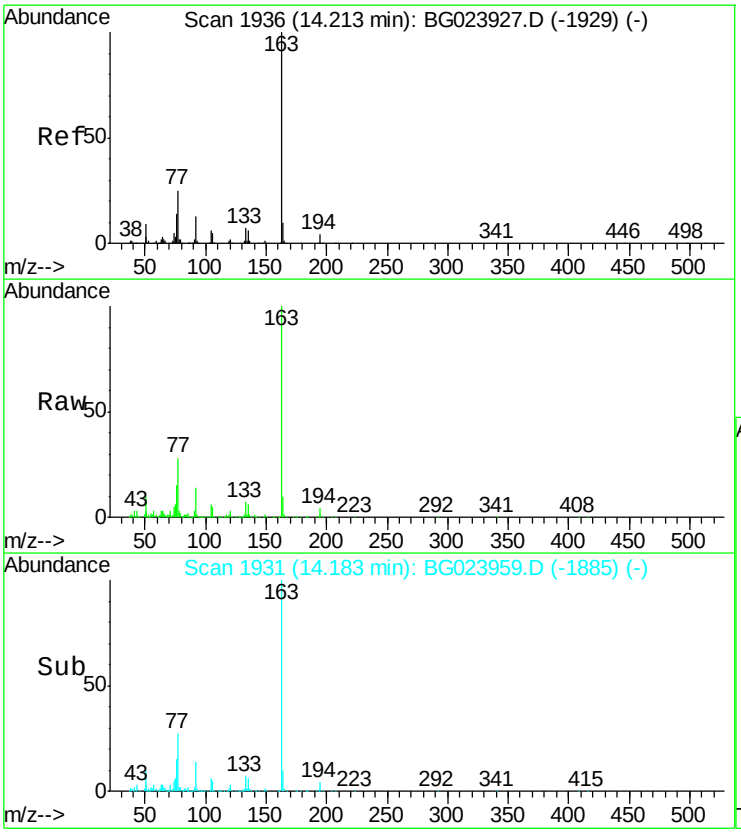
#44
2-Fluorobiphenyl
Concen: 78.56 ng
RT: 13.35 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
DI-BOTTOM

Tgt Ion:172 Resp: 755348

Ion	Ratio	Lower	Upper
172	100		
171	36.1	31.6	47.4
170	25.0	21.3	31.9

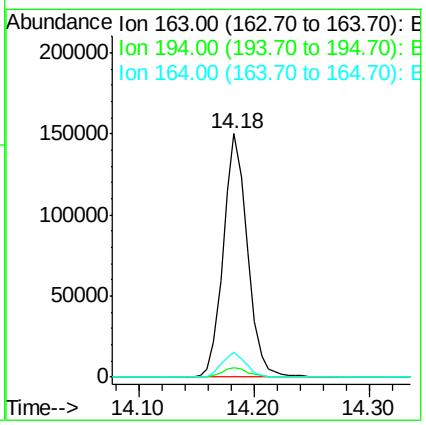


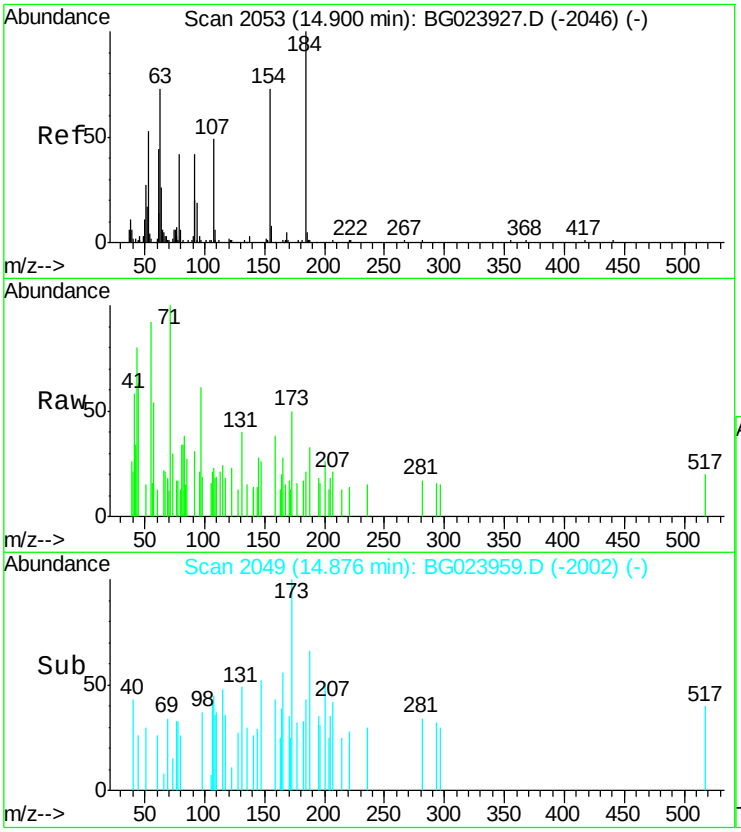


#49
Dimethylphthalate
Concen: 18.35 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.03 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Tgt Ion:163 Resp: 216956

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	10.4	8.1	12.1



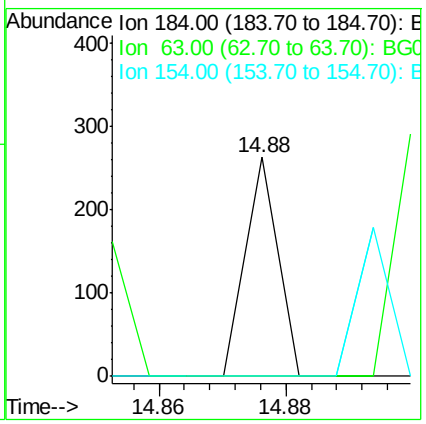


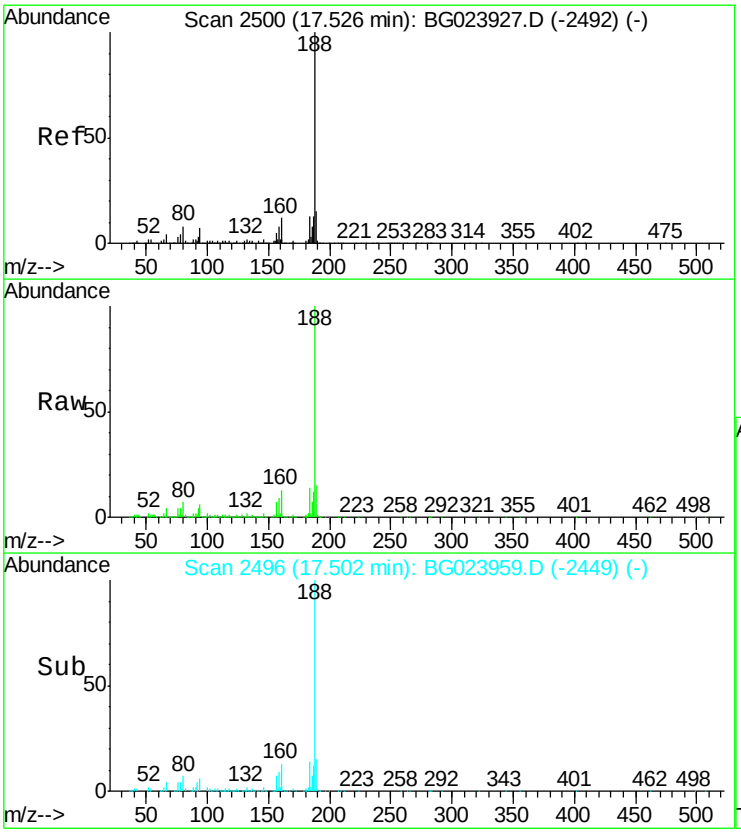
#53
2,4-Dinitrophenol
Concen: 6.56 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
DI-BOTTOM

Tgt Ion:184 Resp: 93

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.6	89.4#
154	0.0	67.4	101.0#

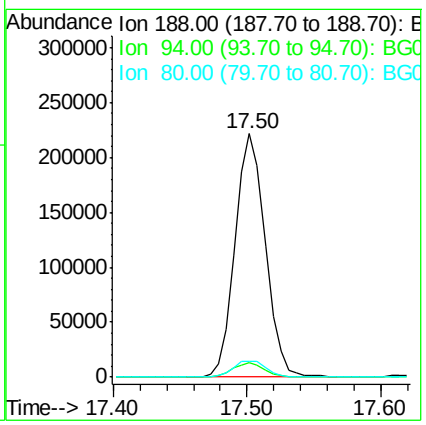


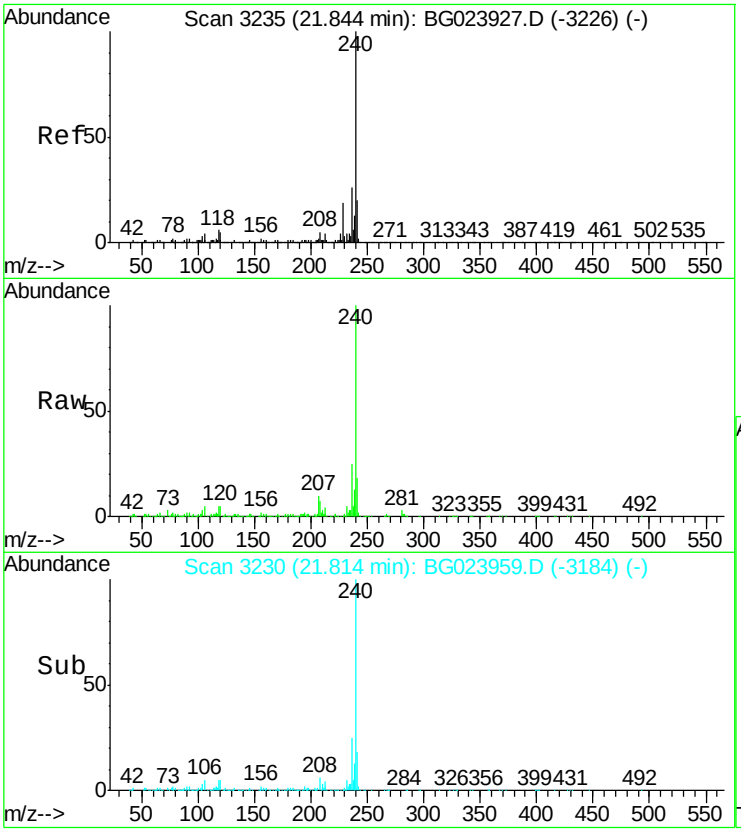


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.02 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Tgt Ion:188 Resp: 346459

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.2	7.8
80	6.6	7.2	10.8#



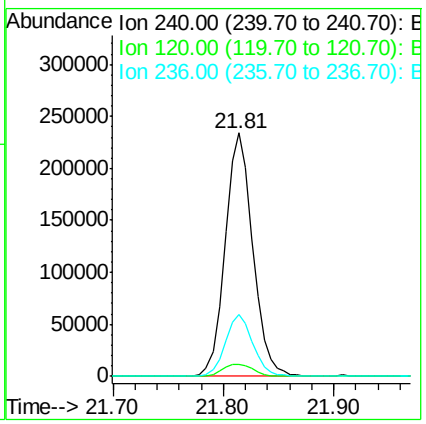


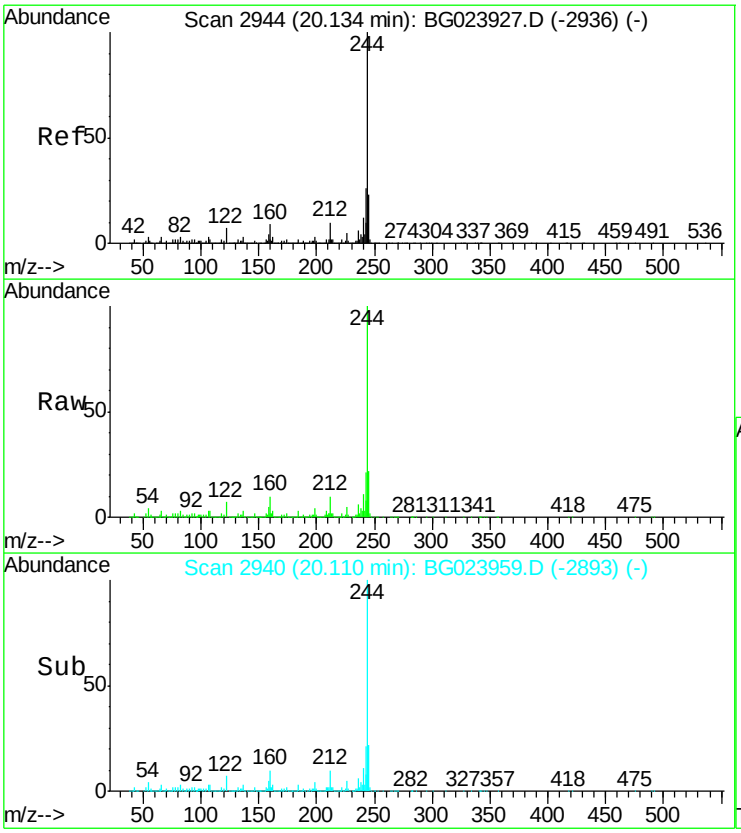
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.81 min Scan# 3230
Delta R.T. -0.03 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
DI-BOTTOM

Tgt Ion:240 Resp: 410296

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.1	6.1
236	25.3	21.1	31.7

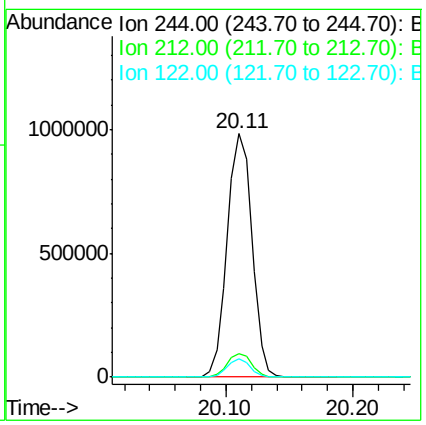


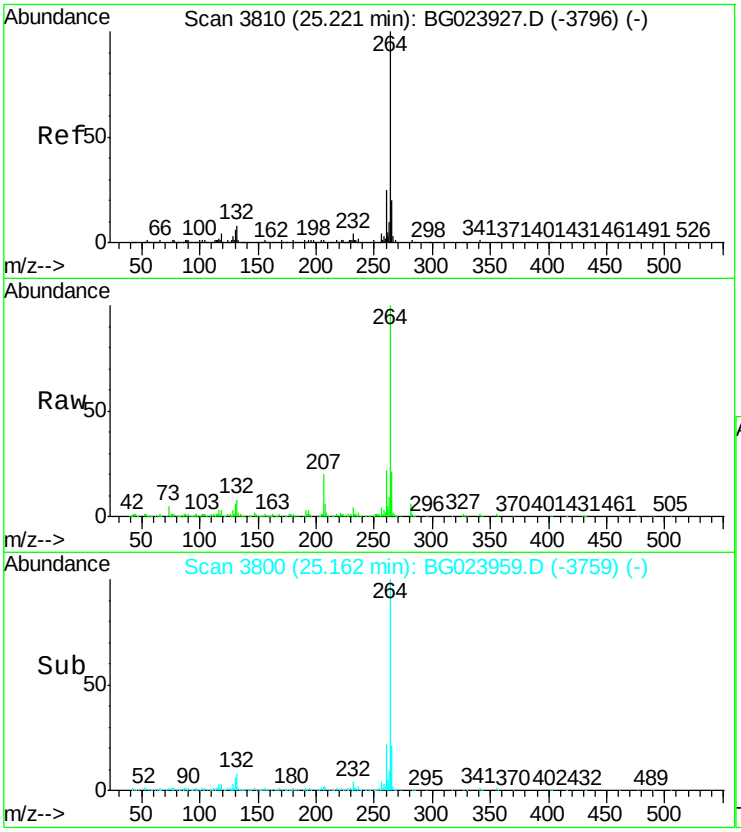


#78
Terphenyl-d14
Concen: 73.58 ng
RT: 20.11 min Scan# 2940
Delta R.T. -0.02 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Tgt Ion:244 Resp: 1325667

Ion	Ratio	Lower	Upper
244	100		
212	9.8	10.8	16.2#
122	7.4	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. -0.06 min
Lab File: BG023959.D
Acq: 7 Sep 2016 19:03

Instrument :
BNA_G
ClientSampleId :
DI-BOTTOM

Tgt Ion:264 Resp: 391020

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.4	27.6
265	21.5	18.9	28.3