Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090616\
Data File : BG023953.D
Acq On : 6 Sep 2016 18:50
Operator : UM/SJ
Sample : H4684-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DSN001

Quant Time: Sep 07 00:43:36 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	8.07	152	65331	20.00	ng	-0.02
21) Naphthalene-d8	10.90	136	304553	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	200531	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	414325	20.00	ng	-0.02
75) Chrysene-d12	21.81	240	529283	20.00	ng	-0.03
86) Perylene-d12	25.17	264	535869	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	160141	43.04	ng	-0.03
7) Phenol-d6	7.23	99	146179	25.52	ng	-0.03
23) Nitrobenzene-d5	9.25	82	441822	64.77	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	254134	70.34	ng	-0.02
44) 2-Fluorobiphenyl	13.35	172	909184	65.00	ng	-0.03
78) Terphenyl-d14	20.11	244	1037320	44.63	ng	-0.02
Target Compounds						Qvalue
40) Hexachlorocyclopentadiene	13.02	237	54	7.09	ng	# 26
49) Dimethylphthalate	14.19	163	56932	3.31	ng	# 94
53) 2,4-Dinitrophenol	14.76	184	53	6.53	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090616\
Data File : BG023953.D
Acq On : 6 Sep 2016 18:50
Operator : UM/SJ
Sample : H4684-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
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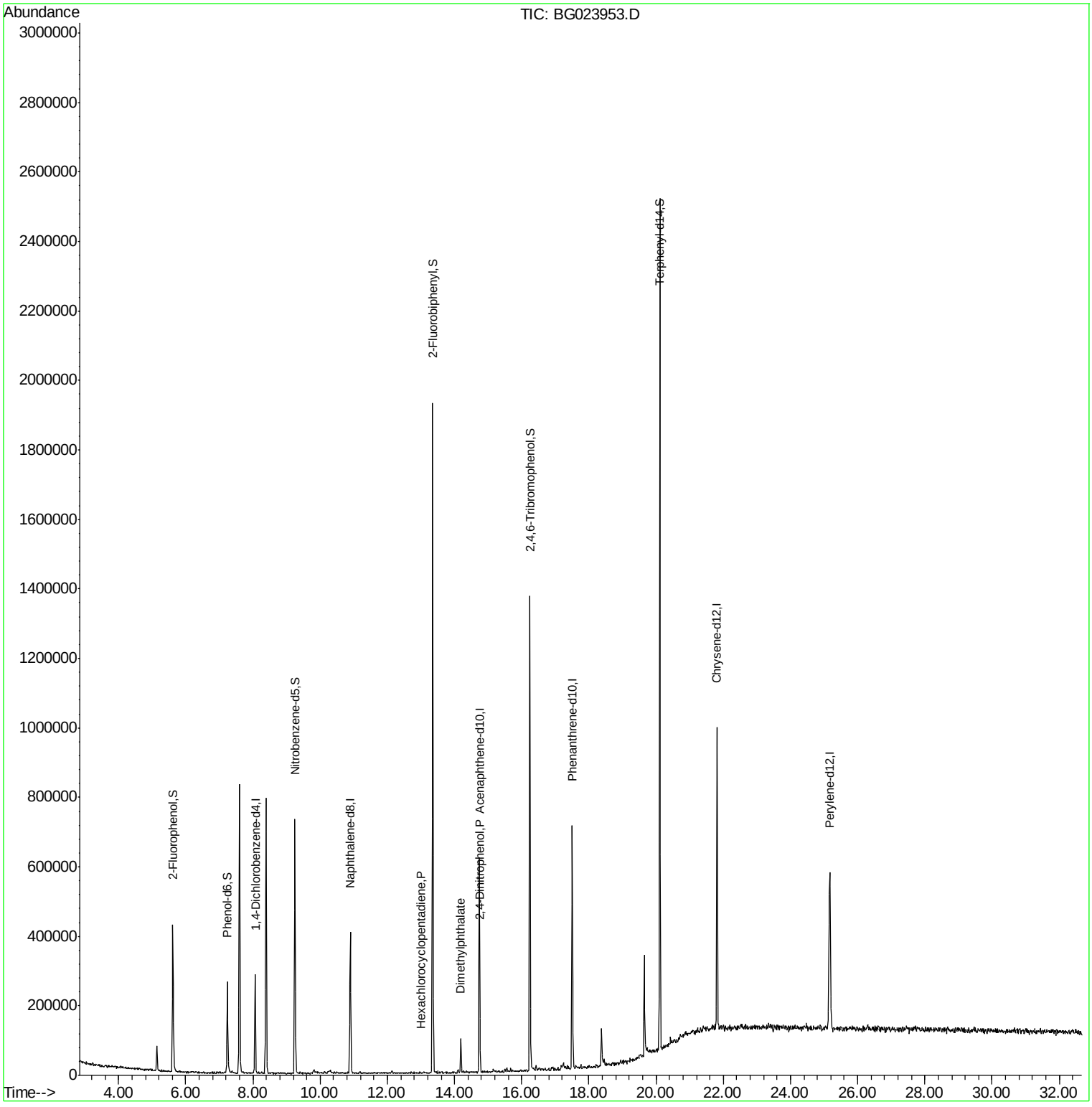
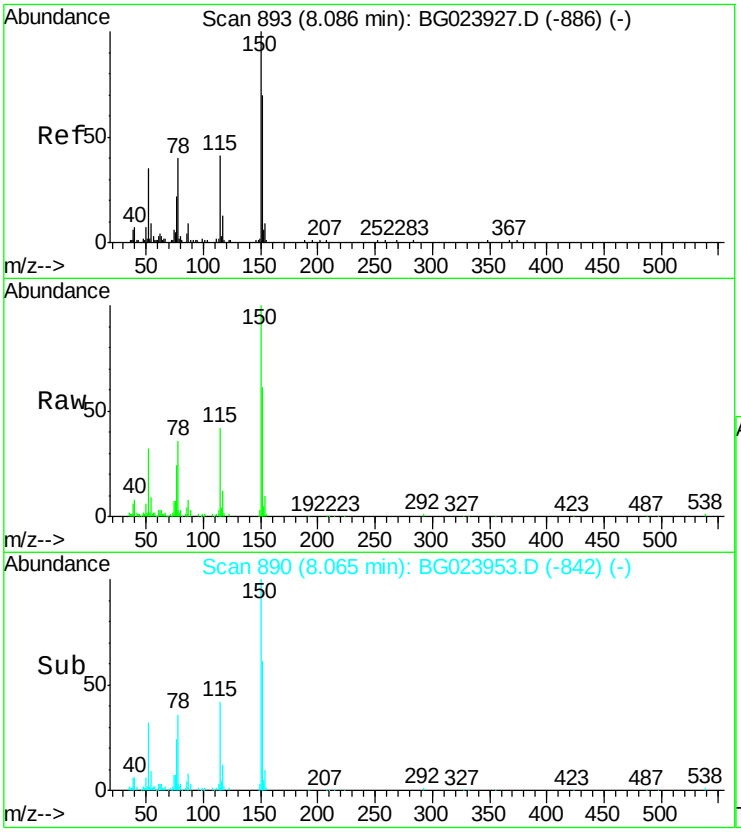


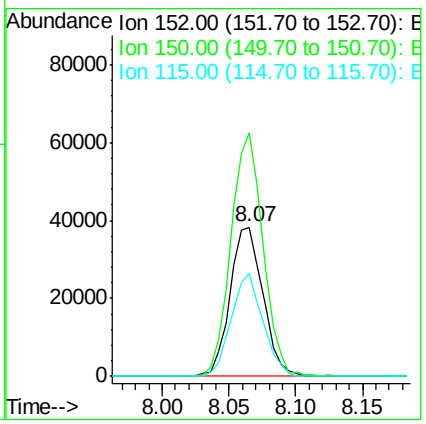


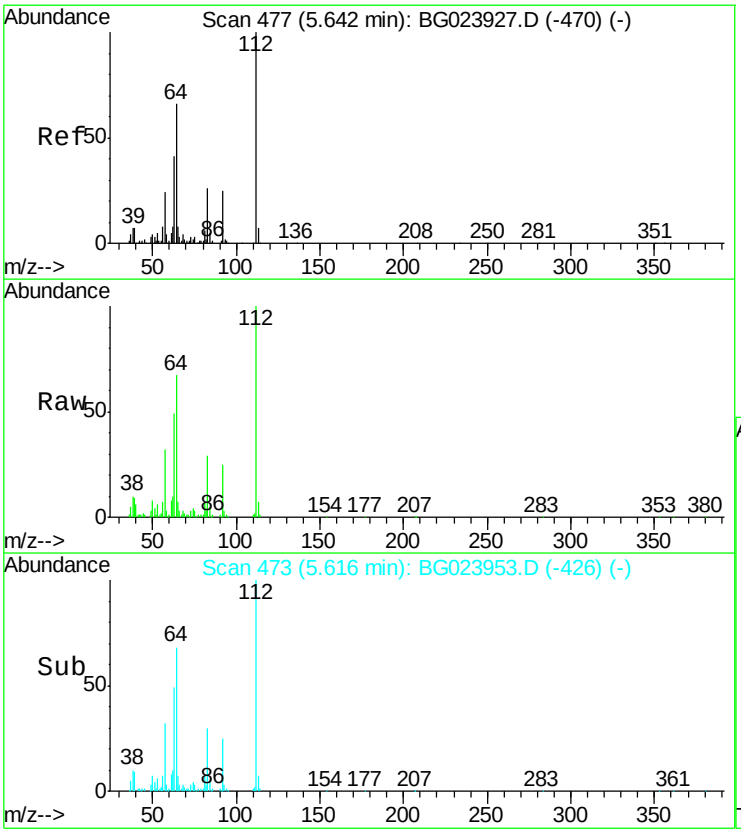
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 890
Delta R.T. -0.02 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:152 Resp: 65331

Ion	Ratio	Lower	Upper
152	100		
150	163.3	144.7	217.1
115	69.3	64.0	96.0

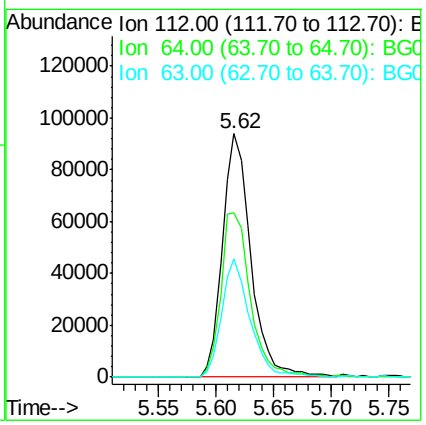


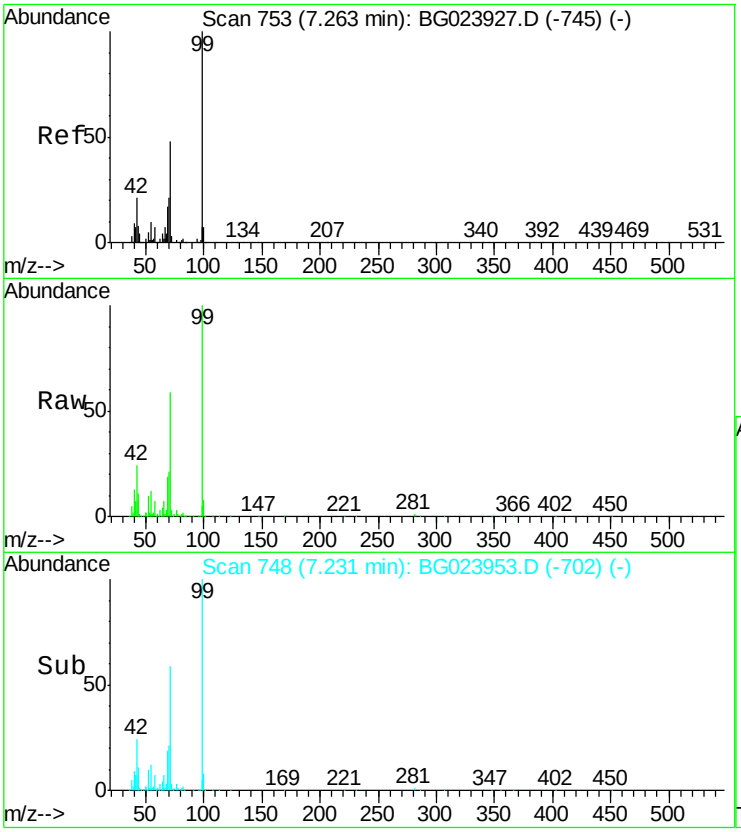


#5
2-Fluorophenol
Concen: 43.04 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.03 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Tgt Ion:112 Resp: 160141

Ion	Ratio	Lower	Upper
112	100		
64	67.5	59.0	88.4
63	48.7	37.8	56.8



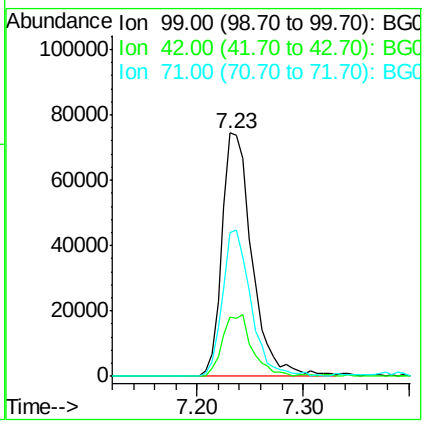


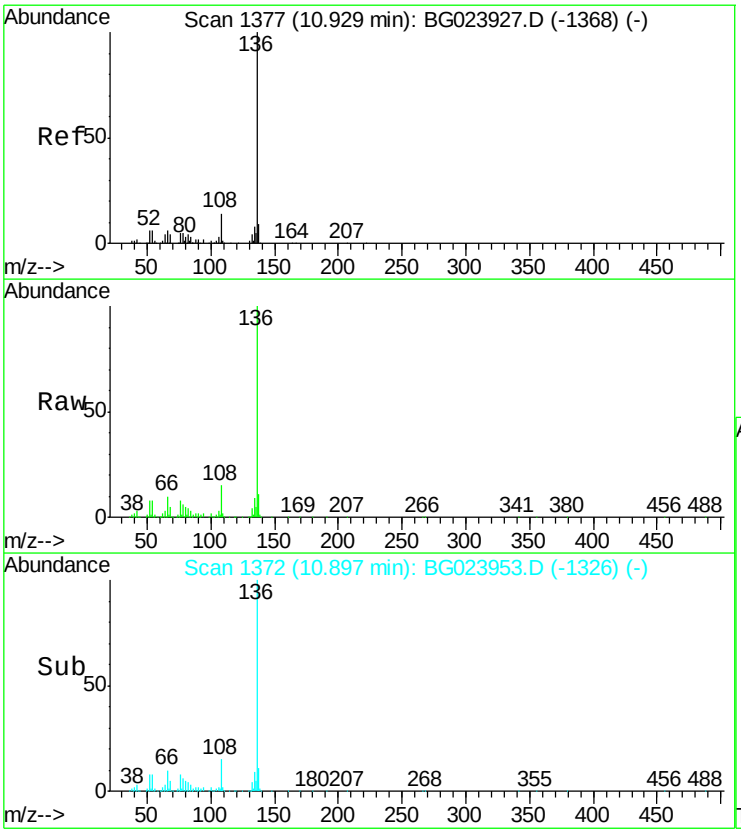
#7
Phenol-d6
Concen: 25.52 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.03 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion: 99 Resp: 146179

Ion	Ratio	Lower	Upper
99	100		
42	24.1	17.8	26.6
71	59.1	41.5	62.3

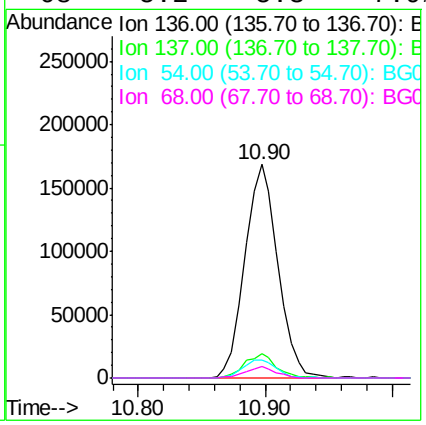


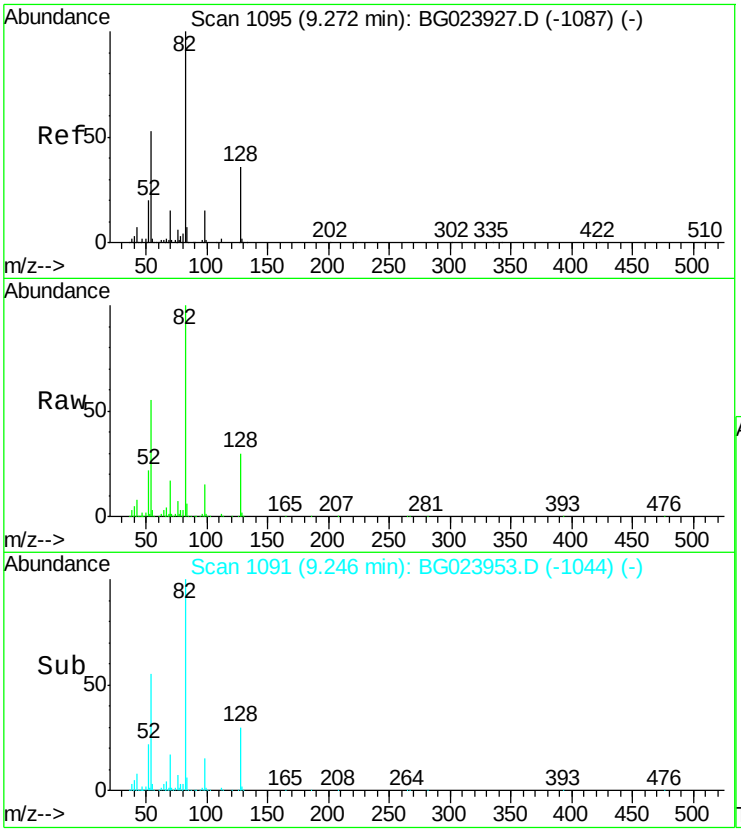


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.90 min Scan# 1372
Delta R.T. -0.03 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Tgt Ion:136 Resp: 304553

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	8.1	7.3	10.9
68	5.2	5.3	7.9#



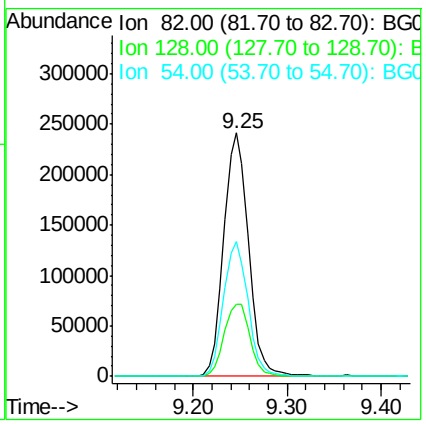


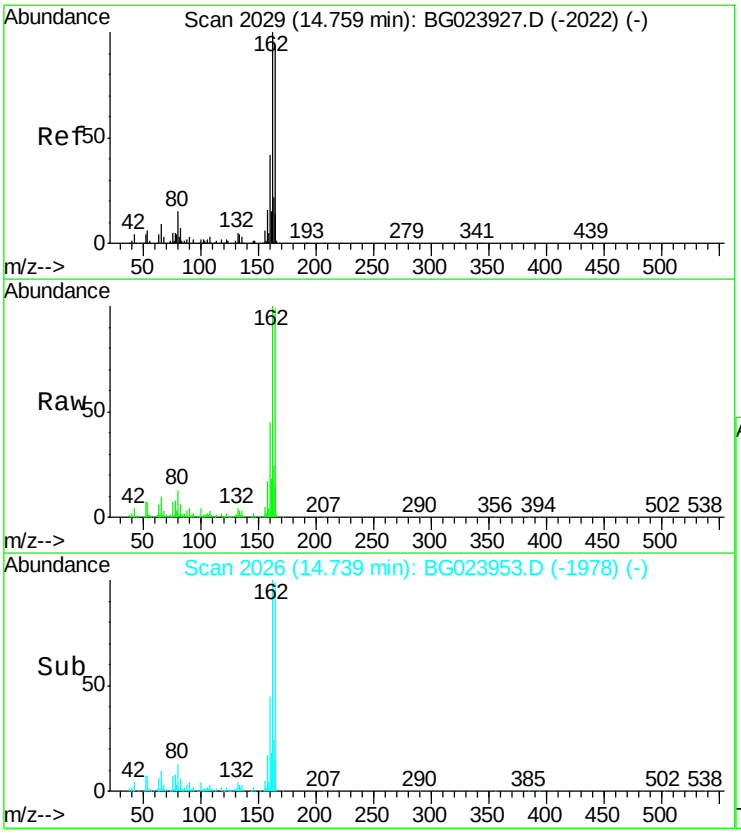
#23
Nitrobenzene-d5
Concen: 64.77 ng
RT: 9.25 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion: 82 Resp: 441822

Ion	Ratio	Lower	Upper
82	100		
128	29.8	24.4	36.6
54	55.4	41.4	62.0

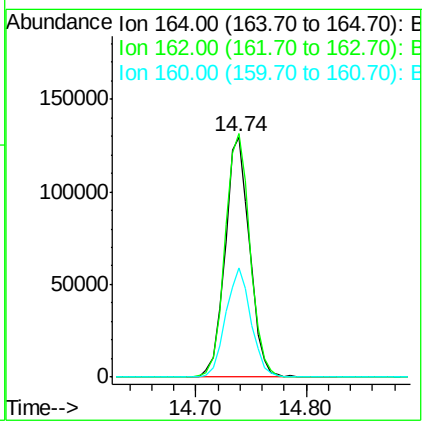


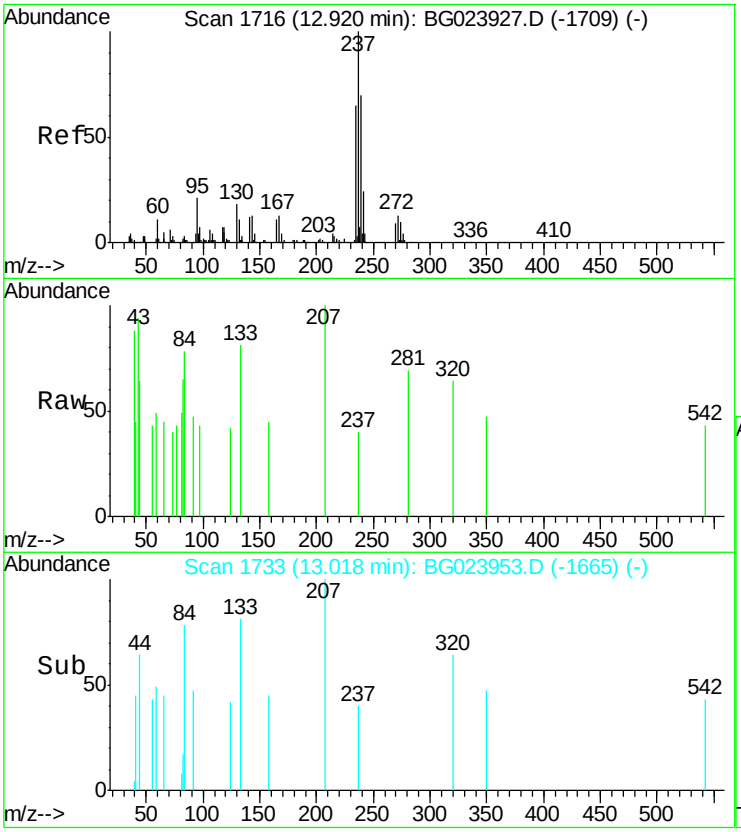


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Tgt Ion:164 Resp: 200531

Ion	Ratio	Lower	Upper
164	100		
162	101.5	87.7	131.5
160	45.6	37.2	55.8



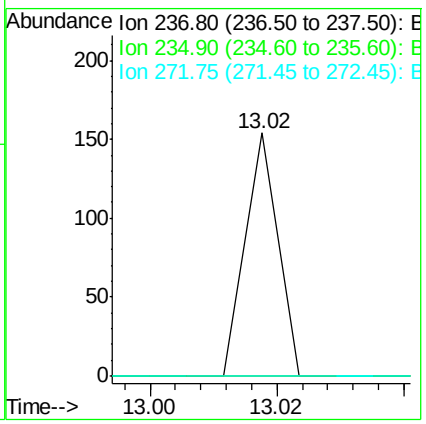


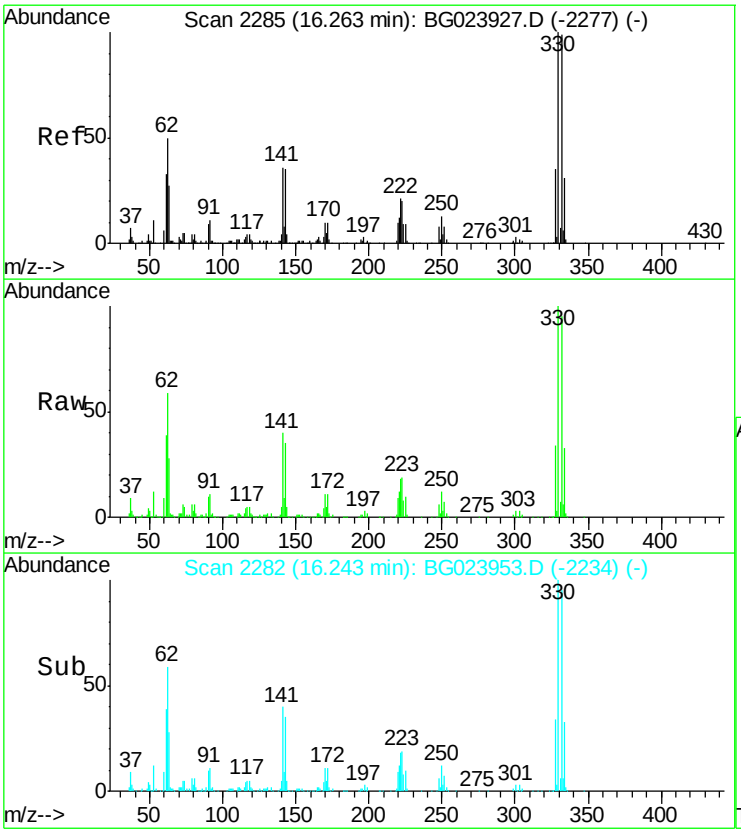
#40
Hexachlorocyclopentadiene
Concen: 7.09 ng
RT: 13.02 min Scan# 1733
Delta R.T. 0.10 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:237 Resp: 54

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

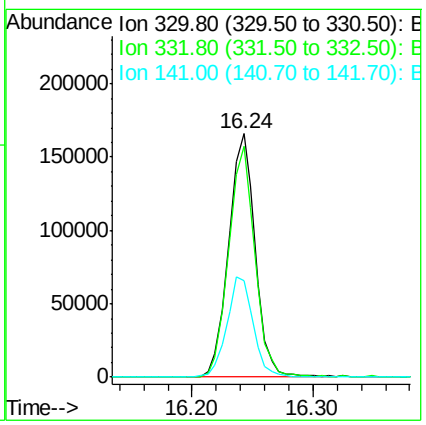


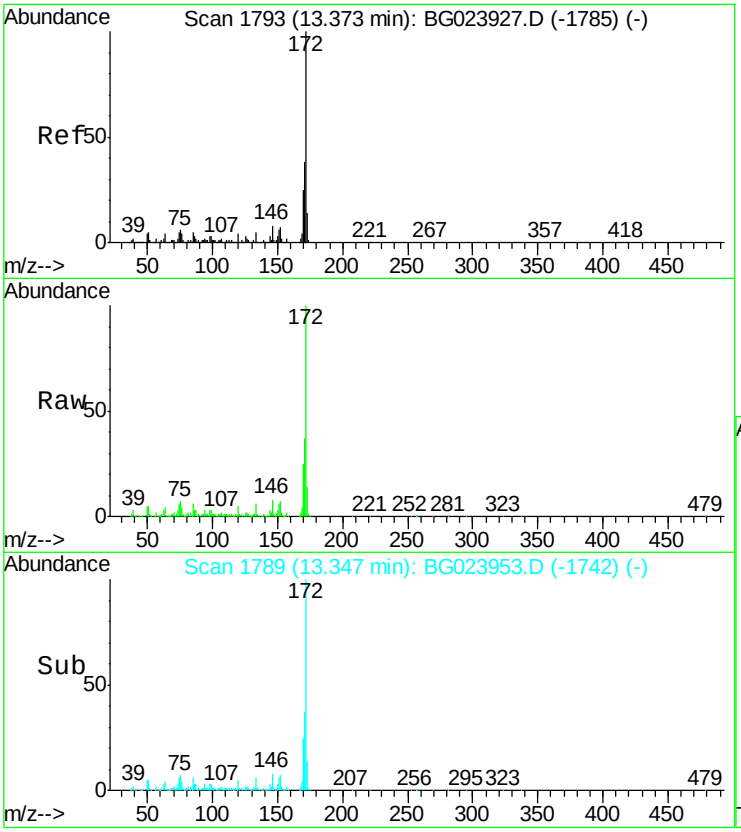


#41
2,4,6-Tribromophenol
Concen: 70.34 ng
RT: 16.24 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Tgt Ion:330 Resp: 254134

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.4	116.2
141	40.8	31.7	47.5



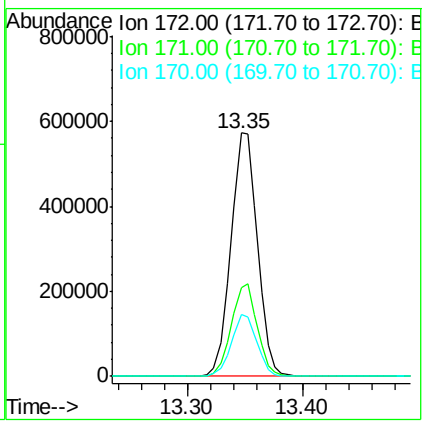


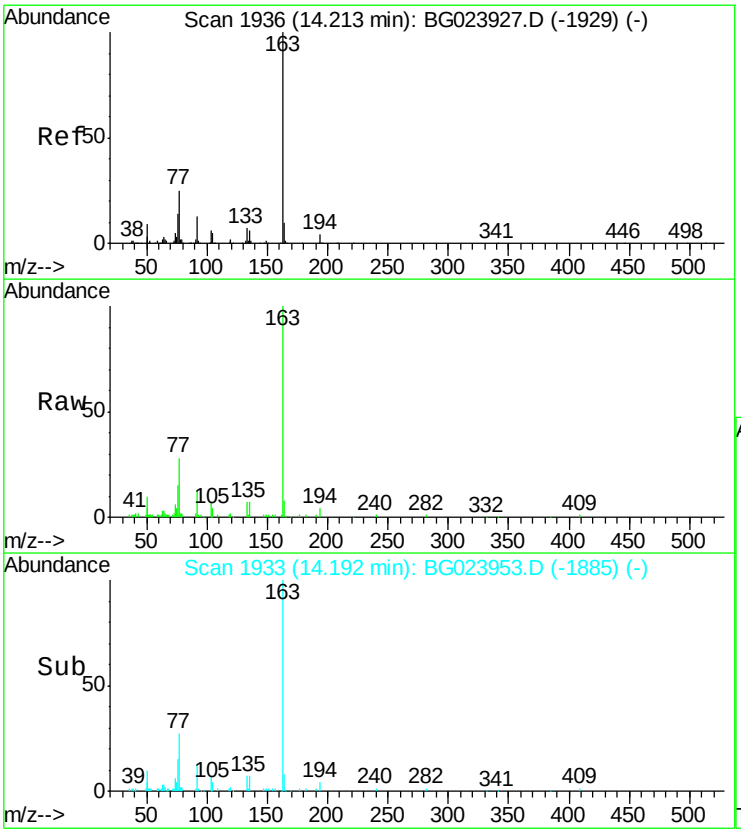
#44
2-Fluorobiphenyl
Concen: 65.00 ng
RT: 13.35 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:172 Resp: 909184

Ion	Ratio	Lower	Upper
172	100		
171	36.6	31.6	47.4
170	25.3	21.3	31.9

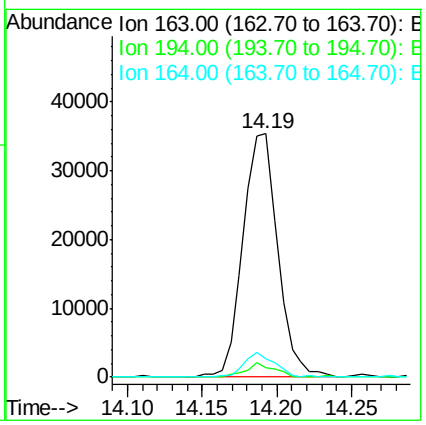


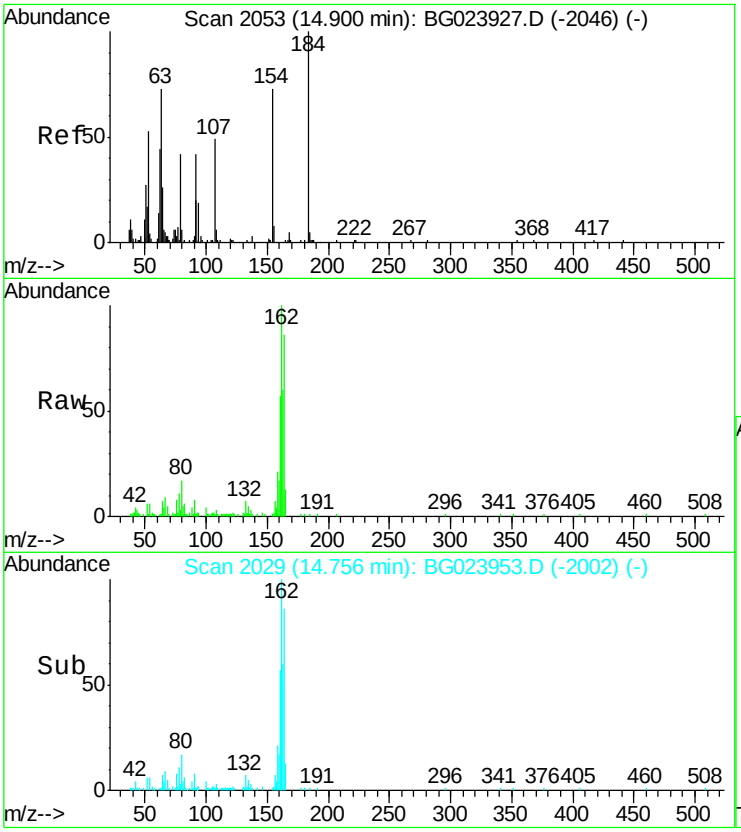


#49
Dimethylphthalate
Concen: 3.31 ng
RT: 14.19 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Tgt Ion:163 Resp: 56932

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.6	5.4
164	7.5	8.1	12.1#



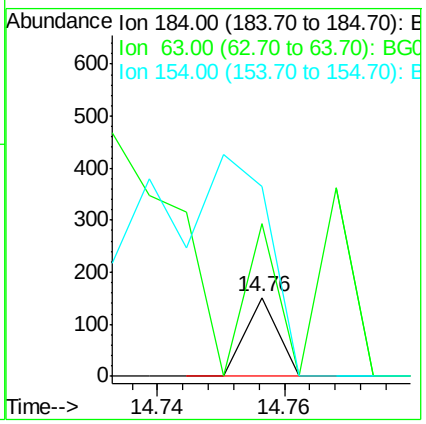


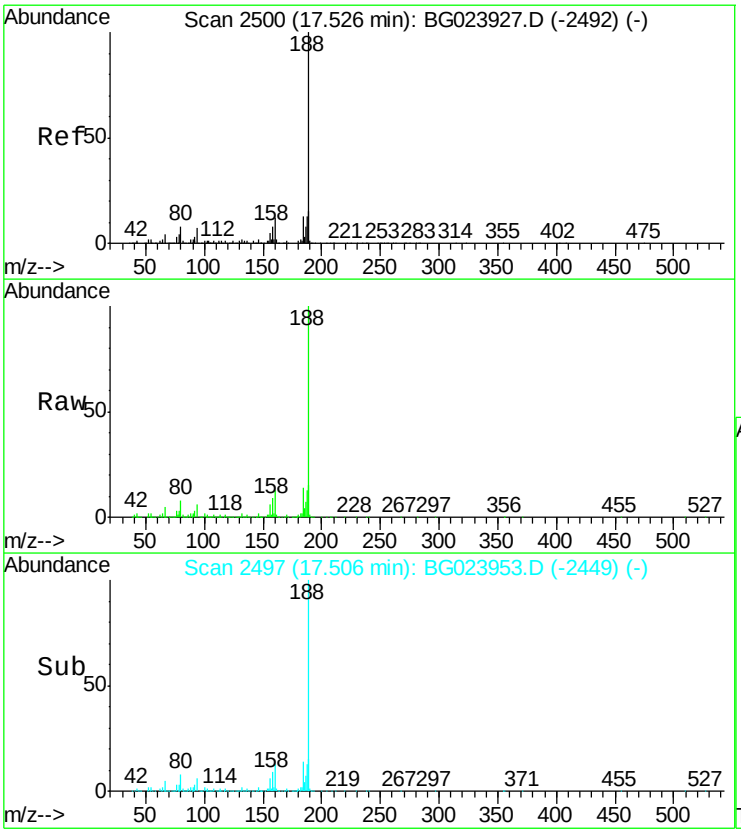
#53
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.76 min Scan# 2029
Delta R.T. -0.14 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:184 Resp: 53

Ion	Ratio	Lower	Upper
184	100		
63	194.0	59.6	89.4#
154	242.4	67.4	101.0#

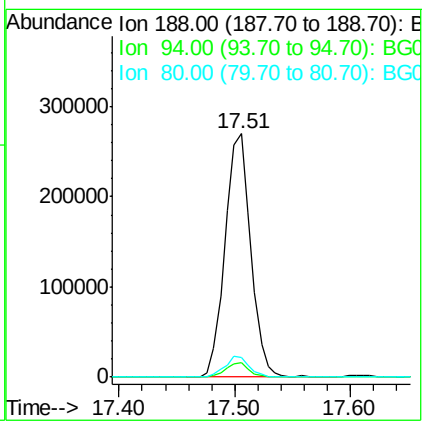


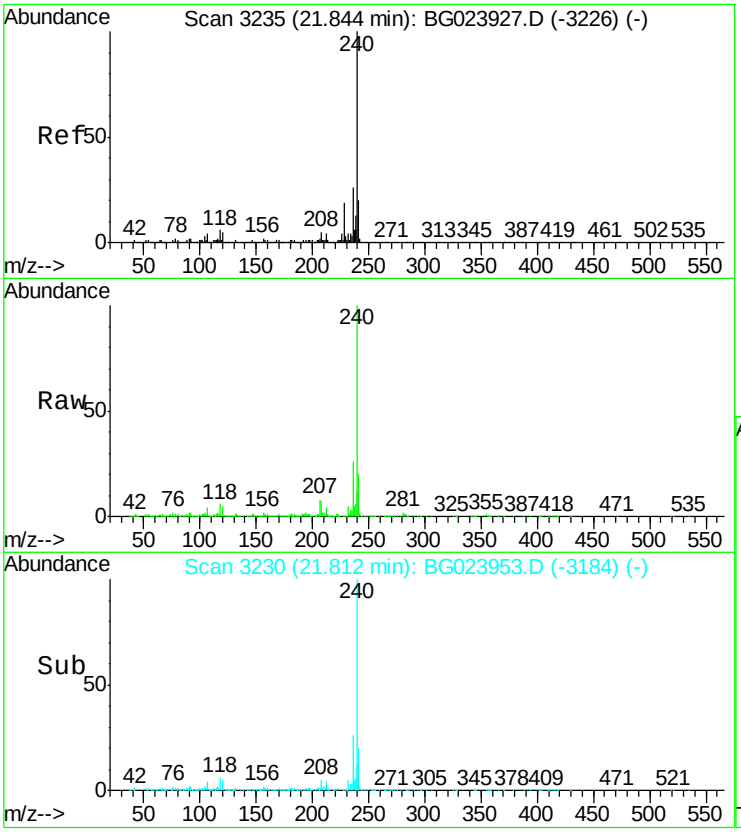


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.02 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Tgt Ion:188 Resp: 414325

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.2	7.8
80	7.9	7.2	10.8



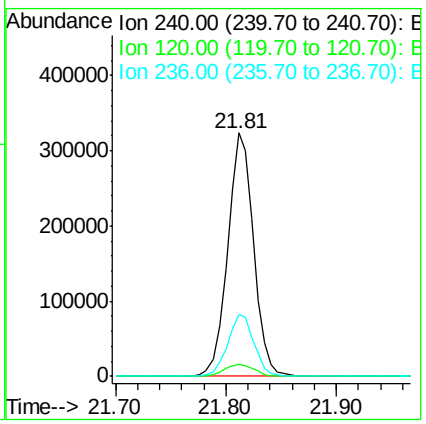


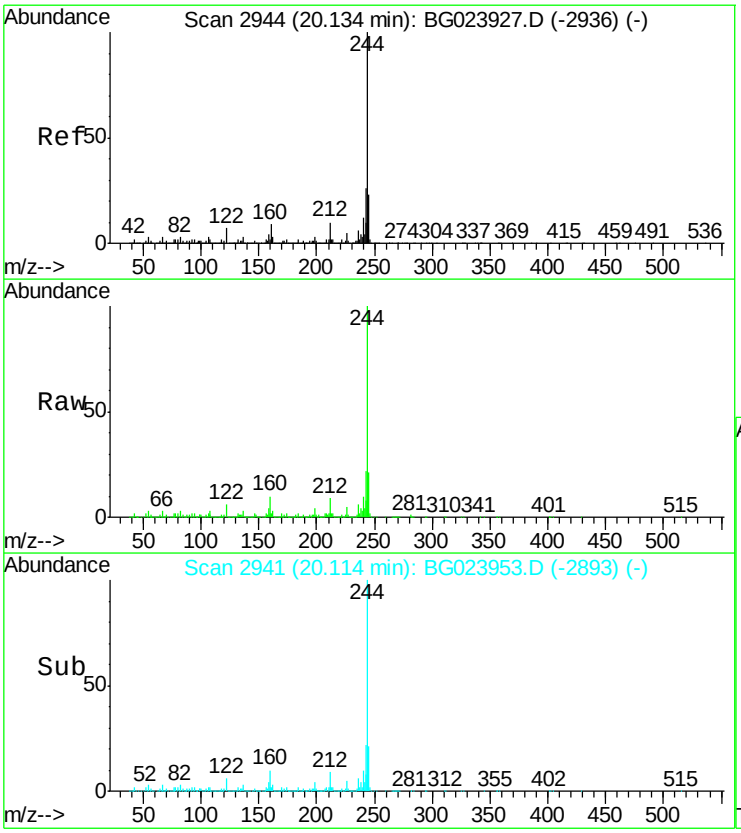
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.81 min Scan# 3230
Delta R.T. -0.03 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:240 Resp: 529283

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.1	6.1
236	25.7	21.1	31.7

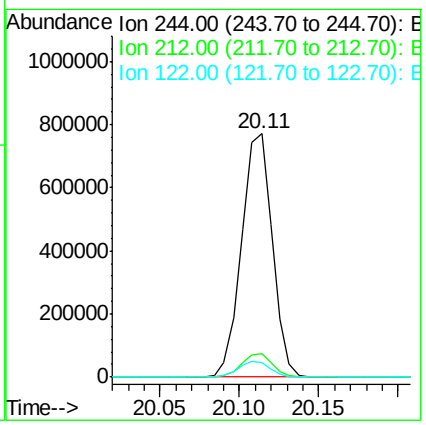


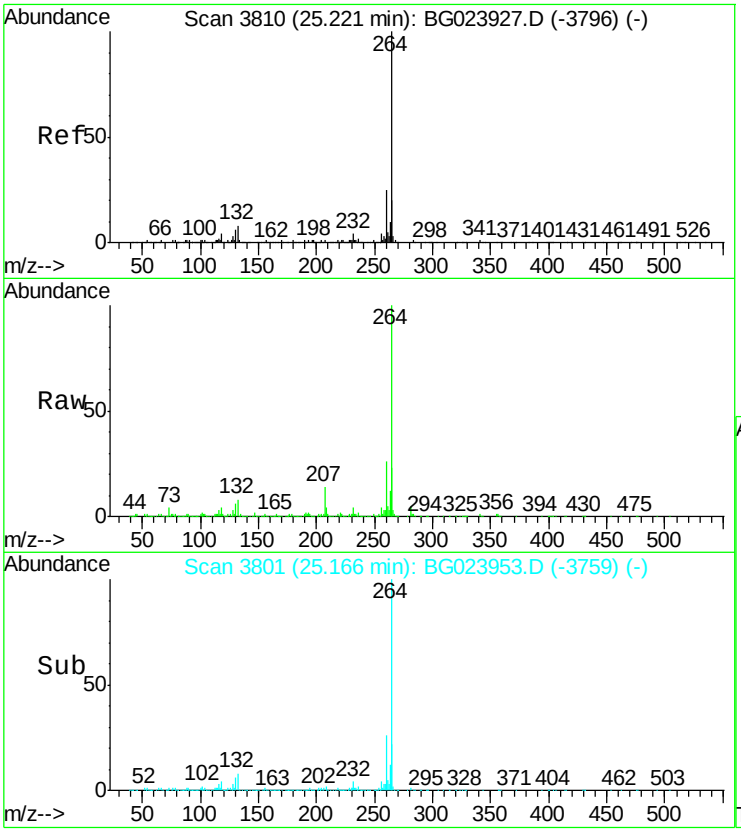


#78
Terphenyl-d14
Concen: 44.63 ng
RT: 20.11 min Scan# 2941
Delta R.T. -0.02 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Tgt Ion:244 Resp: 1037320

Ion	Ratio	Lower	Upper
244	100		
212	9.4	10.8	16.2#
122	5.7	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3801
Delta R.T. -0.06 min
Lab File: BG023953.D
Acq: 6 Sep 2016 18:50

Instrument :
BNA_G
ClientSampleId :
DSN001

Tgt Ion:264 Resp: 535869

Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.4	27.6
265	22.8	18.9	28.3