Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090716\
Data File : BG023962.D
Acq On : 7 Sep 2016 20:58
Operator : UM/SJ
Sample : H4720-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DI-END-NORTH

Quant Time: Sep 08 08:47:52 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	49004	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	208254	20.00	ng	-0.04
38) Acenaphthene-d10	14.74	164	144136	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	350619	20.00	ng	-0.02
75) Chrysene-d12	21.81	240	392257	20.00	ng	-0.04
86) Perylene-d12	25.17	264	383305	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	324399	116.22	ng	-0.03
7) Phenol-d6	7.23	99	467541	108.82	ng	-0.03
23) Nitrobenzene-d5	9.24	82	358921	76.94	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	246462	94.91	ng	-0.02
44) 2-Fluorobiphenyl	13.35	172	709895	70.61	ng	-0.02
78) Terphenyl-d14	20.11	244	1159578	67.32	ng	-0.02
Target Compounds						Qvalue
40) Hexachlorocyclopentadiene	12.75	237	98	7.11	ng	# 26
49) Dimethylphthalate	14.18	163	176237	14.26	ng	# 94

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

Quantitation Report (Not Reviewed)

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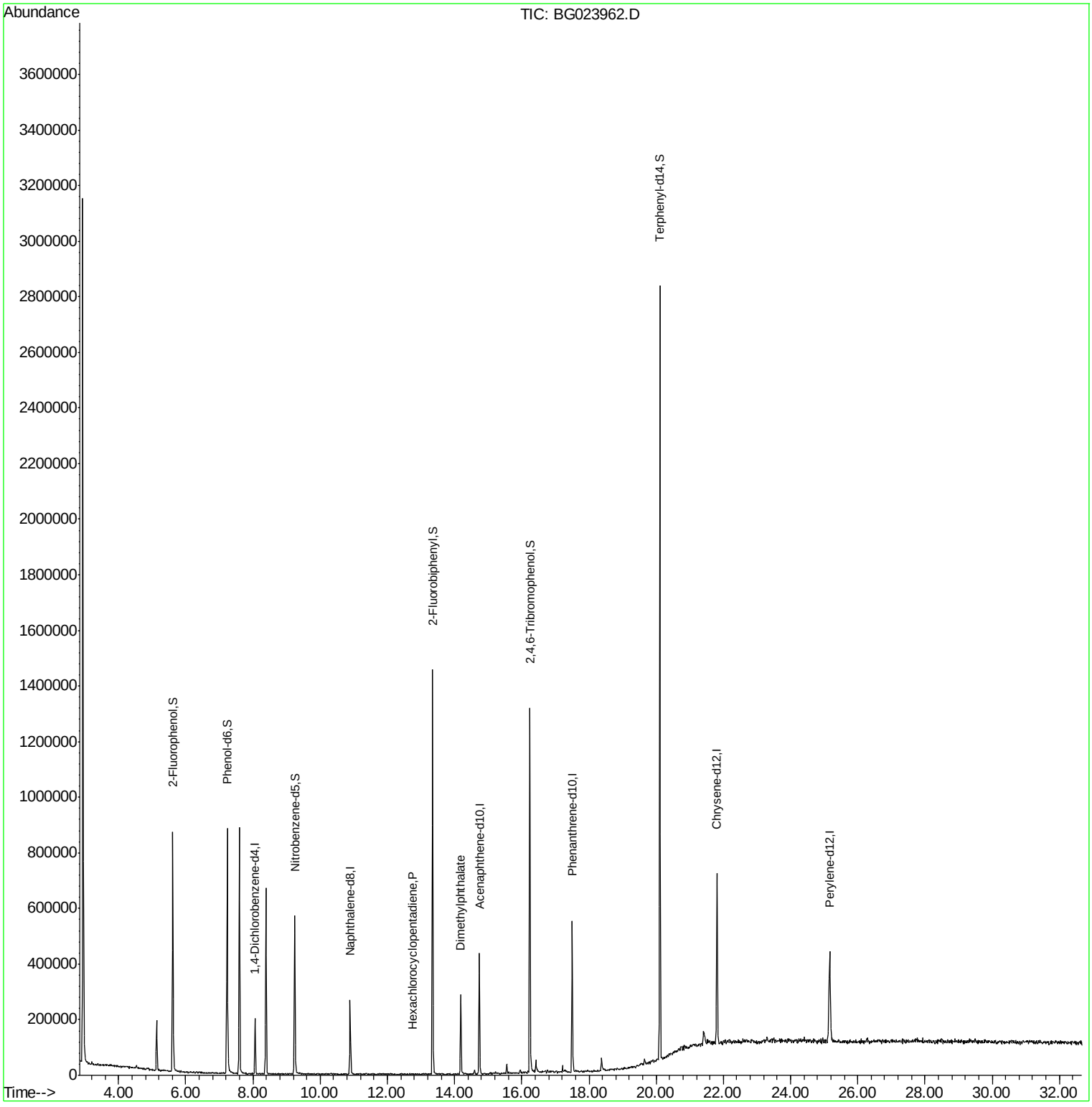
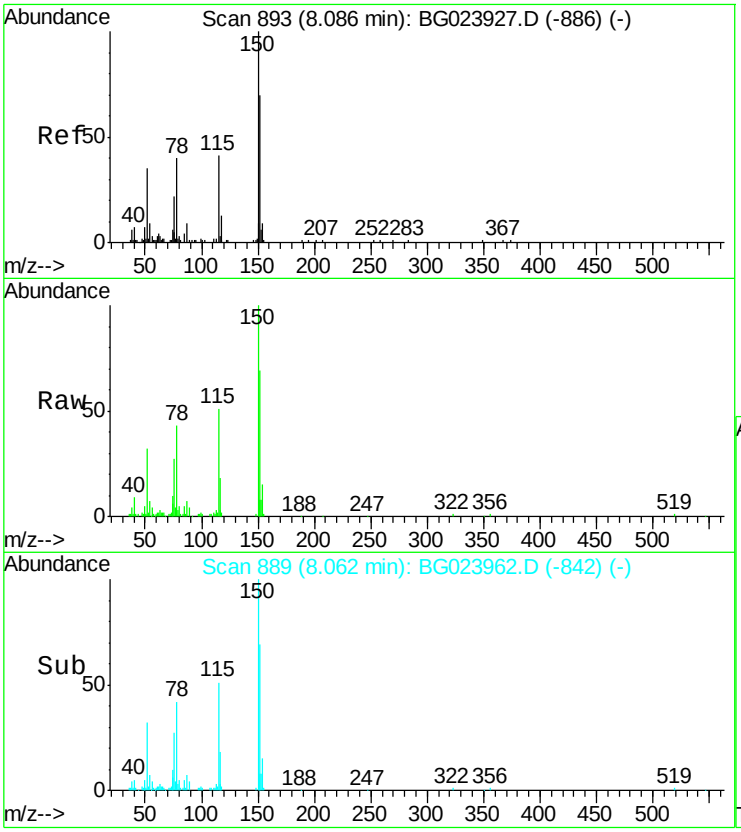


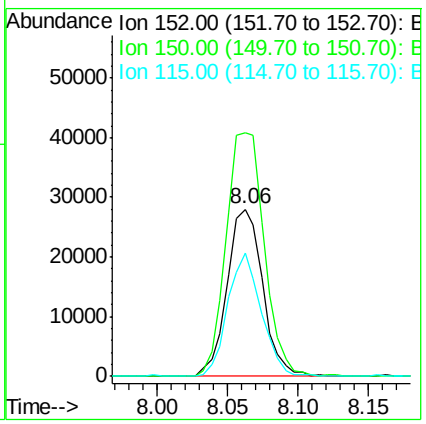


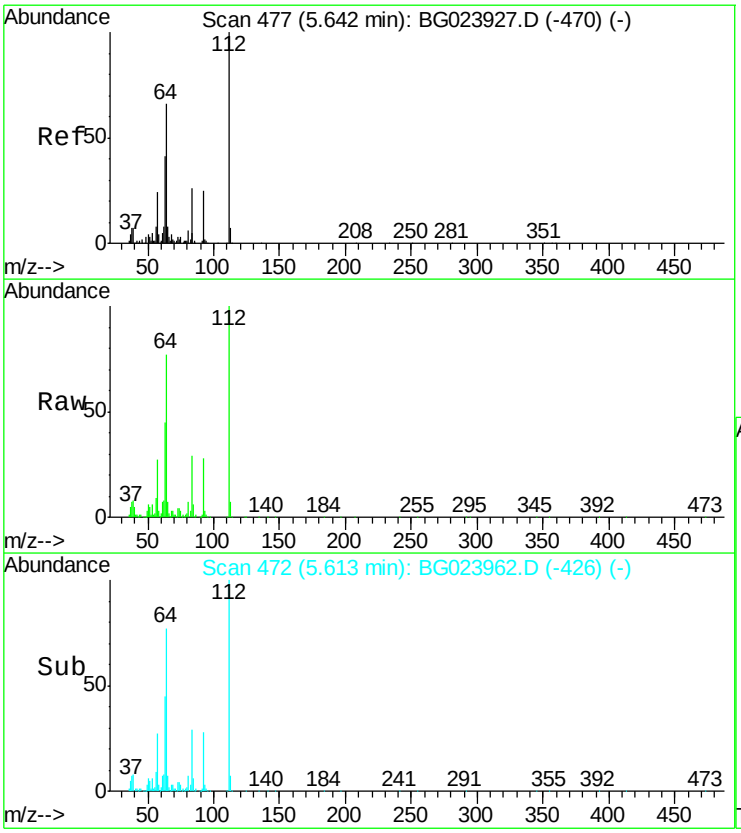
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 889
Delta R.T. -0.02 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Instrument :
BNA_G
ClientSampleId :
DI-END-NORTH

Tgt Ion:152 Resp: 49004

Ion	Ratio	Lower	Upper
152	100		
150	145.5	144.7	217.1
115	73.9	64.0	96.0

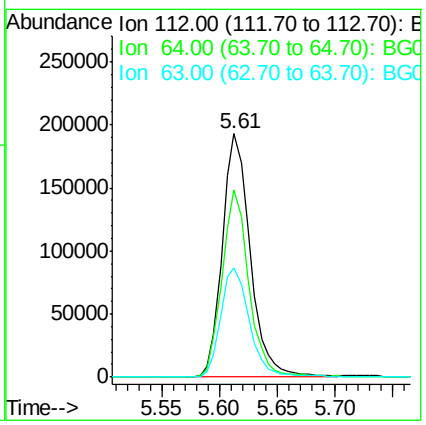


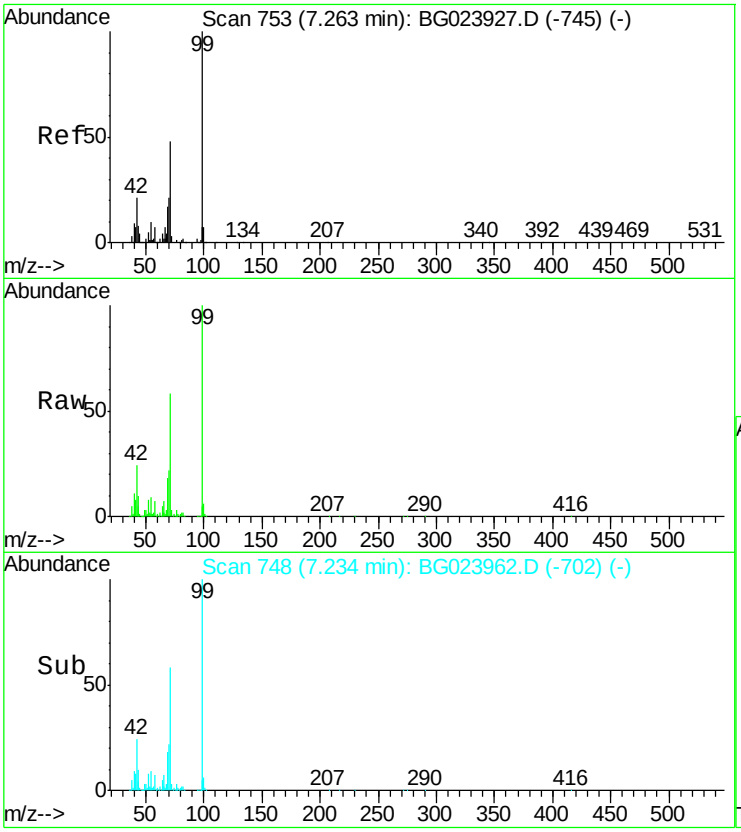


#5
2-Fluorophenol
Concen: 116.22 ng
RT: 5.61 min Scan# 472
Delta R.T. -0.03 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Tgt Ion:112 Resp: 324399

Ion	Ratio	Lower	Upper
112	100		
64	76.9	59.0	88.4
63	44.8	37.8	56.8



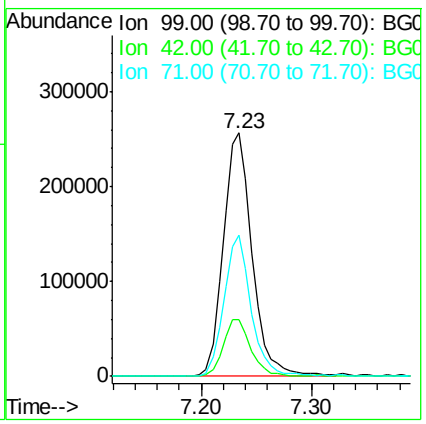


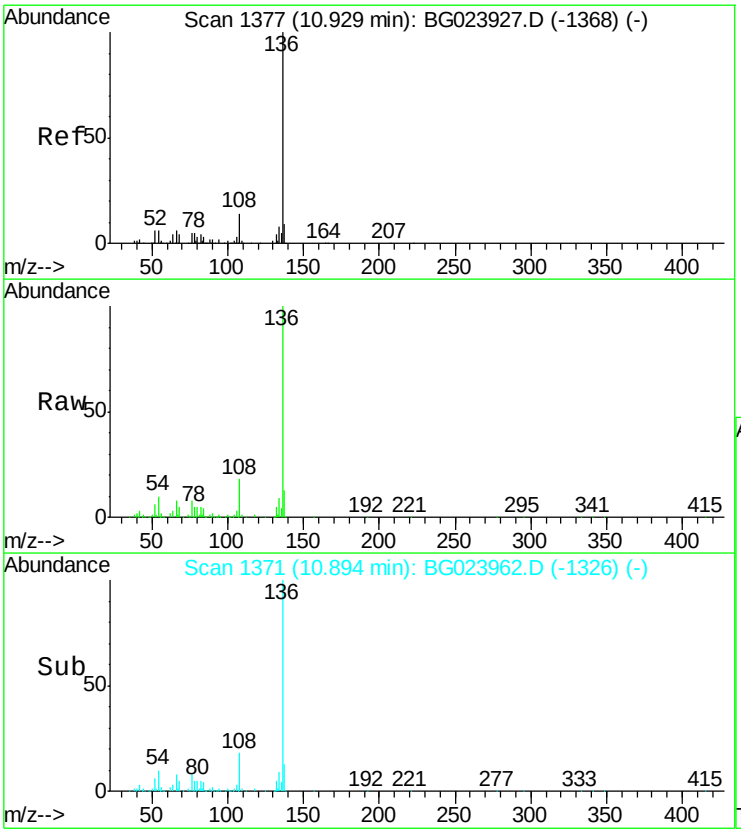
#7
Phenol-d6
Concen: 108.82 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.03 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Instrument :
BNA_G
ClientSampleId :
DI-END-NORTH

Tgt Ion: 99 Resp: 467541

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.8	26.6
71	57.8	41.5	62.3

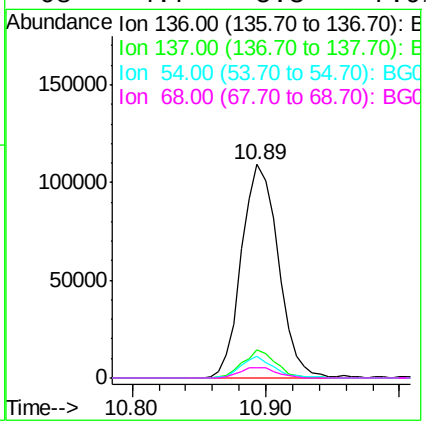


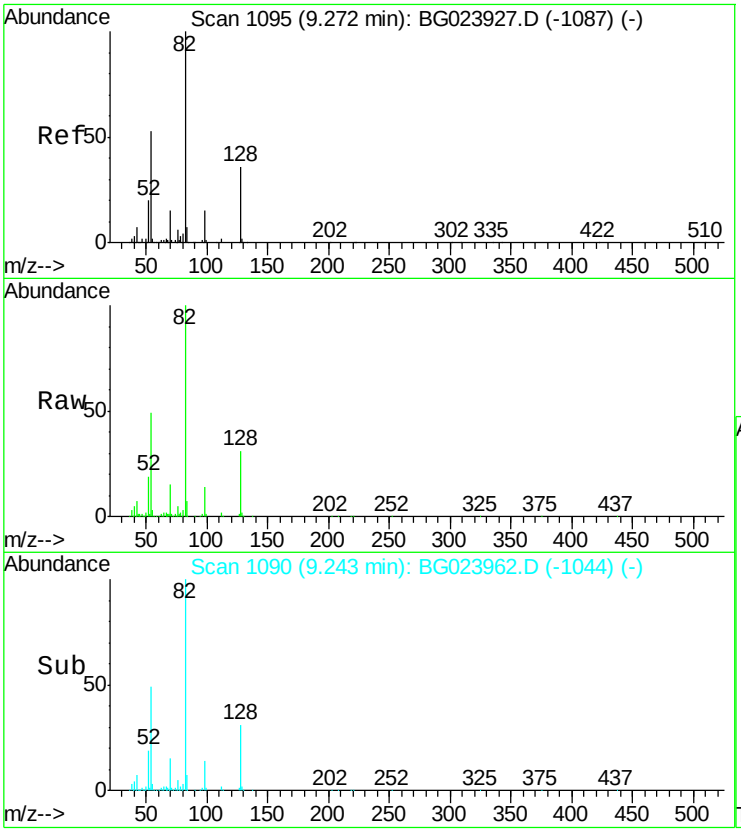


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.04 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Tgt Ion:136 Resp: 208254

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.6	14.4
54	10.2	7.3	10.9
68	4.7	5.3	7.9#



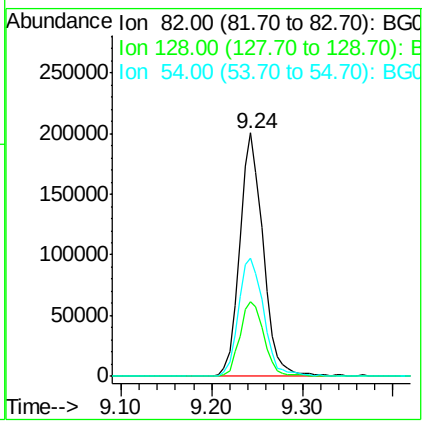


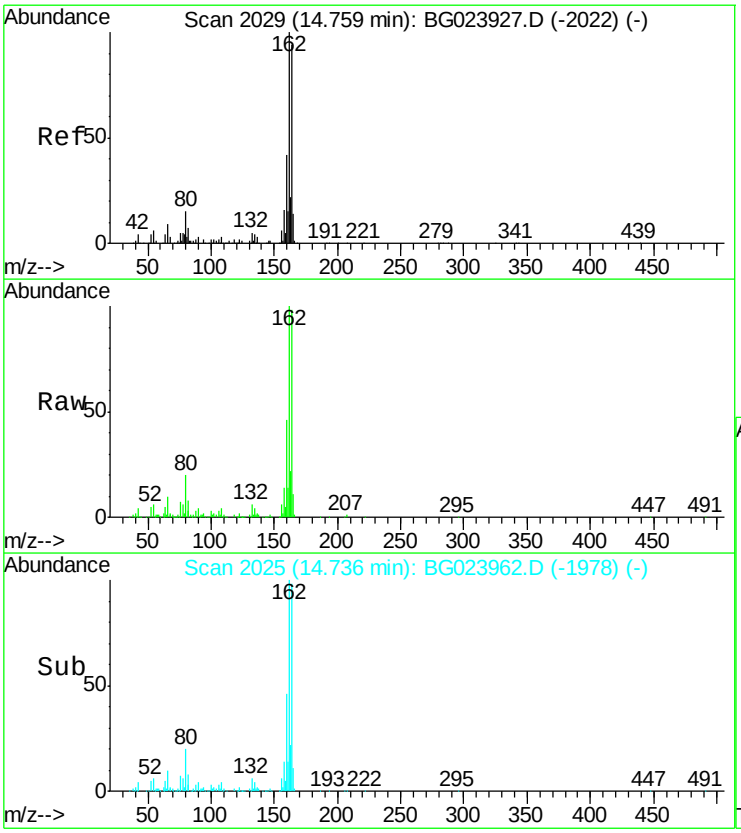
#23
Nitrobenzene-d5
Concen: 76.94 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Instrument :
BNA_G
ClientSampleId :
DI-END-NORTH

Tgt Ion: 82 Resp: 358921

Ion	Ratio	Lower	Upper
82	100		
128	30.5	24.4	36.6
54	48.8	41.4	62.0

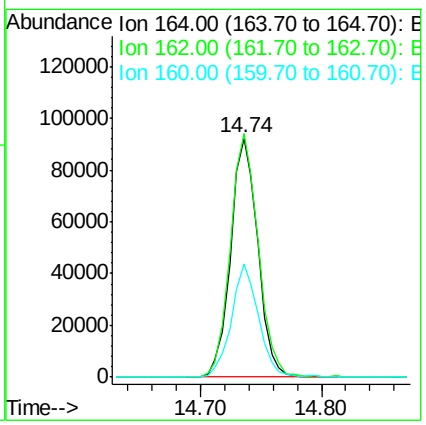


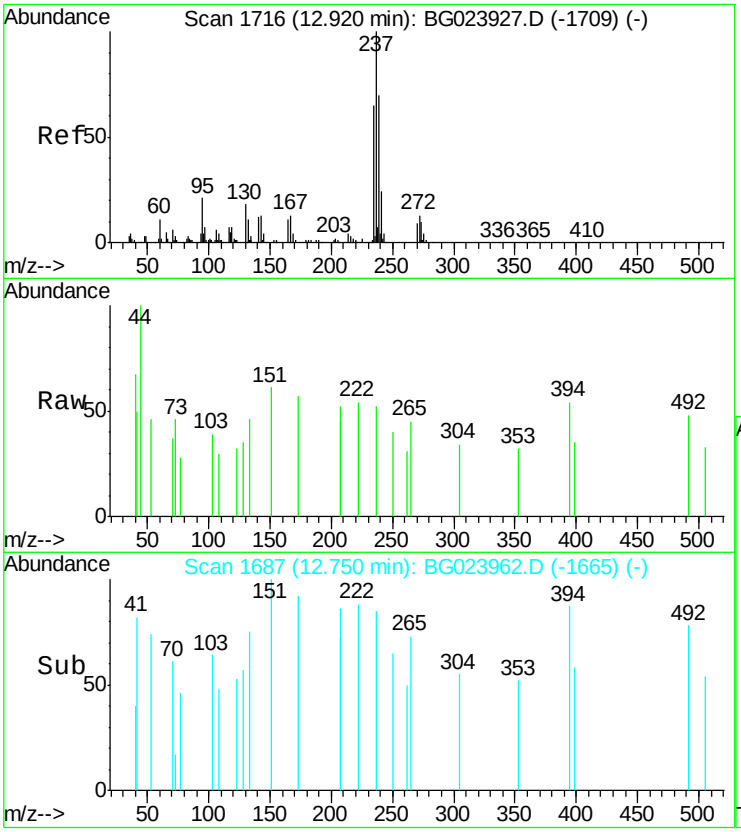


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Tgt Ion:164 Resp: 144136

Ion	Ratio	Lower	Upper
164	100		
162	101.9	87.7	131.5
160	47.3	37.2	55.8



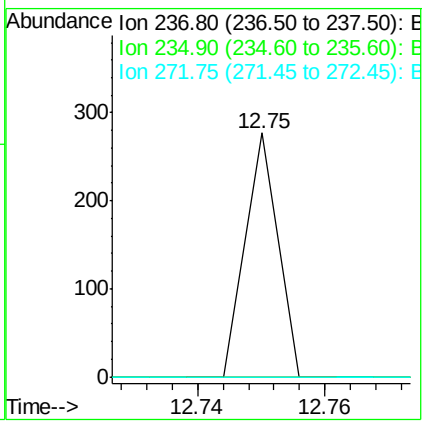


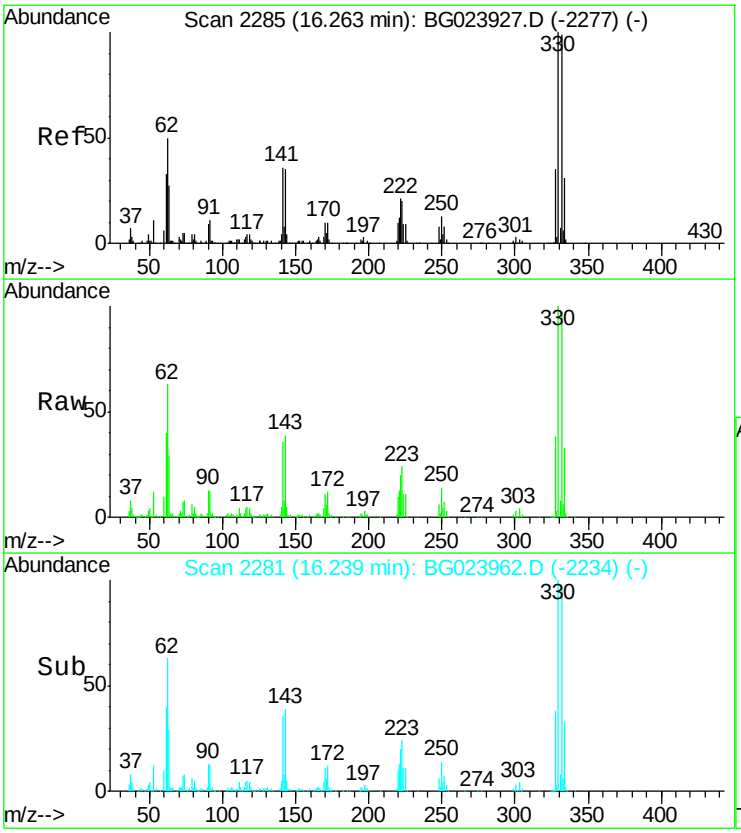
#40
Hexachlorocyclopentadiene
Concen: 7.11 ng
RT: 12.75 min Scan# 1687
Delta R.T. -0.17 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Instrument :
BNA_G
ClientSampleId :
DI-END-NORTH

Tgt Ion:237 Resp: 98

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

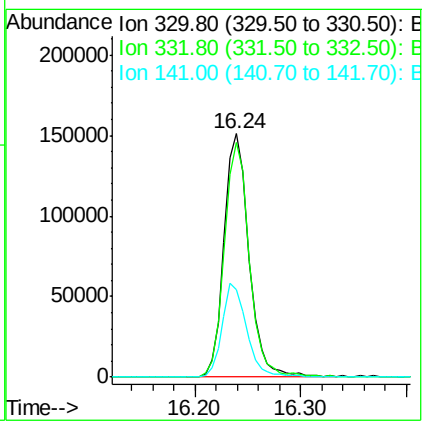


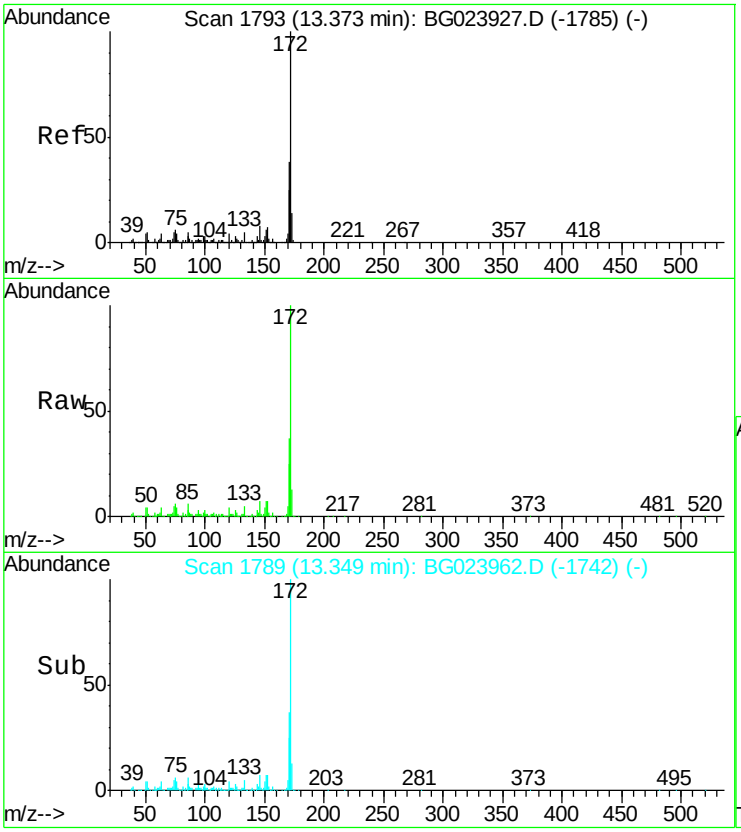


#41
2,4,6-Tribromophenol
Concen: 94.91 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Tgt Ion:330 Resp: 246462

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	37.8	31.7	47.5



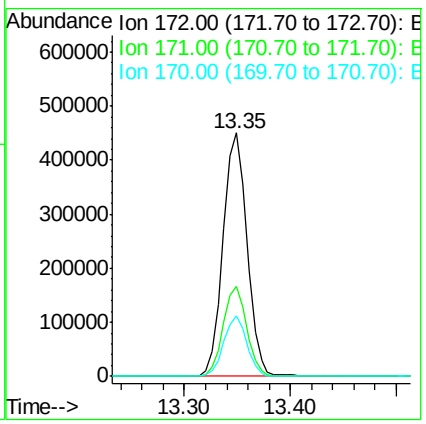


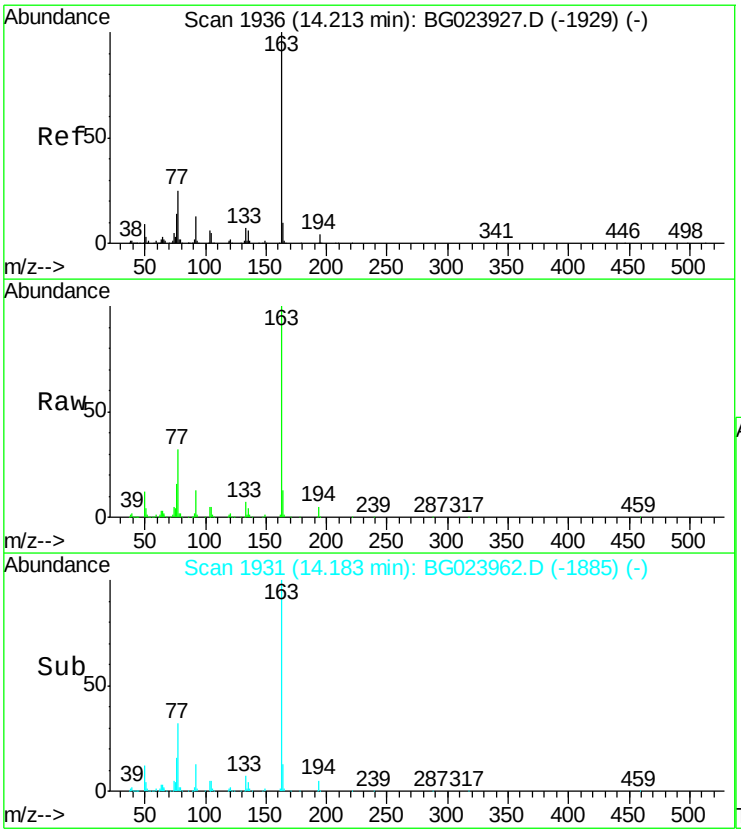
#44
2-Fluorobiphenyl
Concen: 70.61 ng
RT: 13.35 min Scan# 1789
Delta R.T. -0.02 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Instrument :
BNA_G
ClientSampleId :
DI-END-NORTH

Tgt Ion:172 Resp: 709895

Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.6	47.4
170	24.7	21.3	31.9

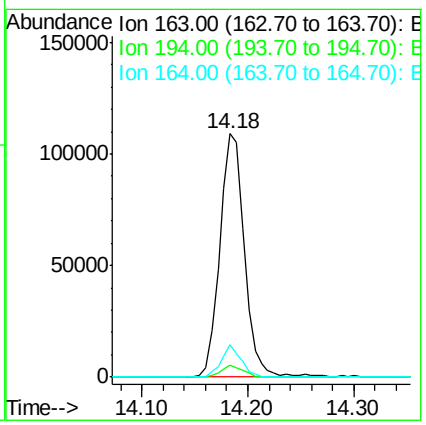


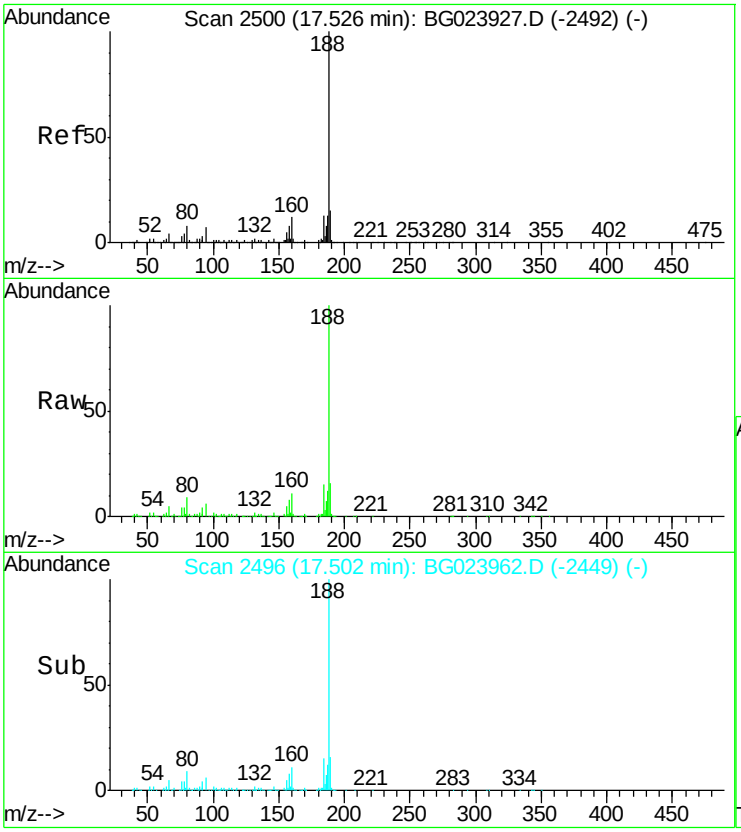


#49
Dimethylphthalate
Concen: 14.26 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.03 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Tgt Ion:163 Resp: 176237

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.6	5.4
164	13.3	8.1	12.1#



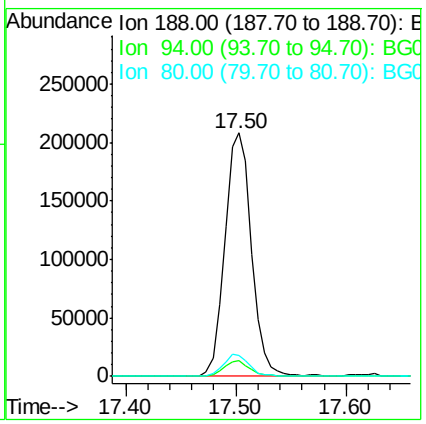


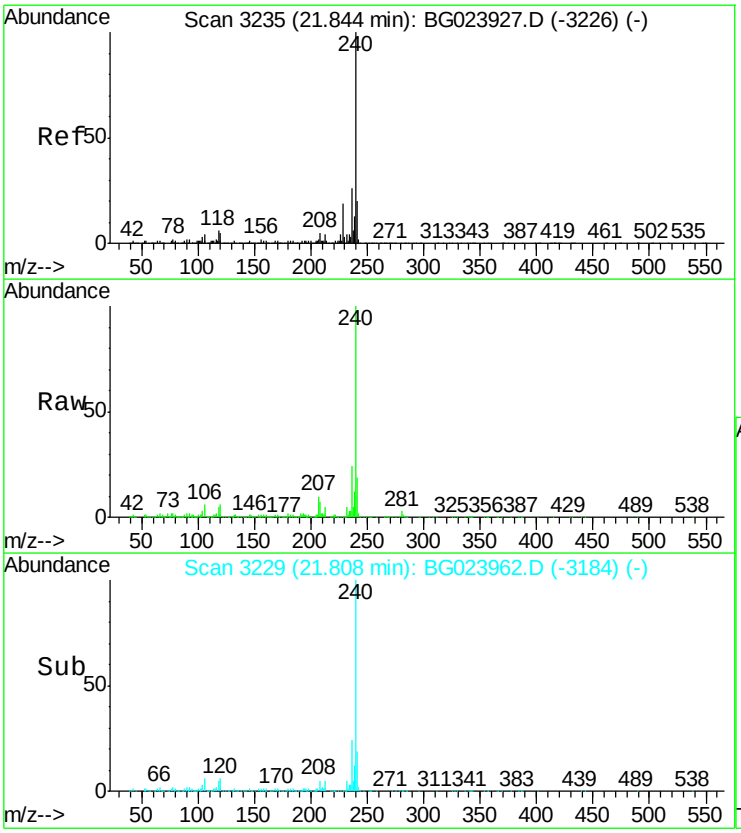
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.02 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Instrument :
BNA_G
ClientSampleId :
DI-END-NORTH

Tgt Ion:188 Resp: 350619

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.2	7.8
80	8.6	7.2	10.8

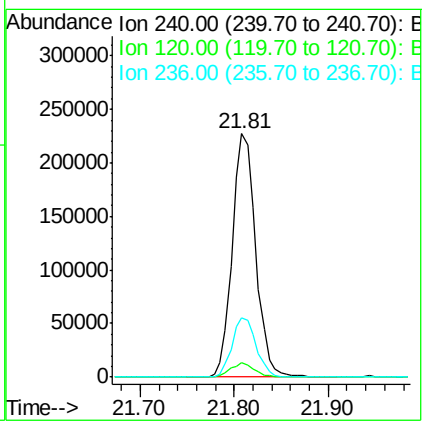


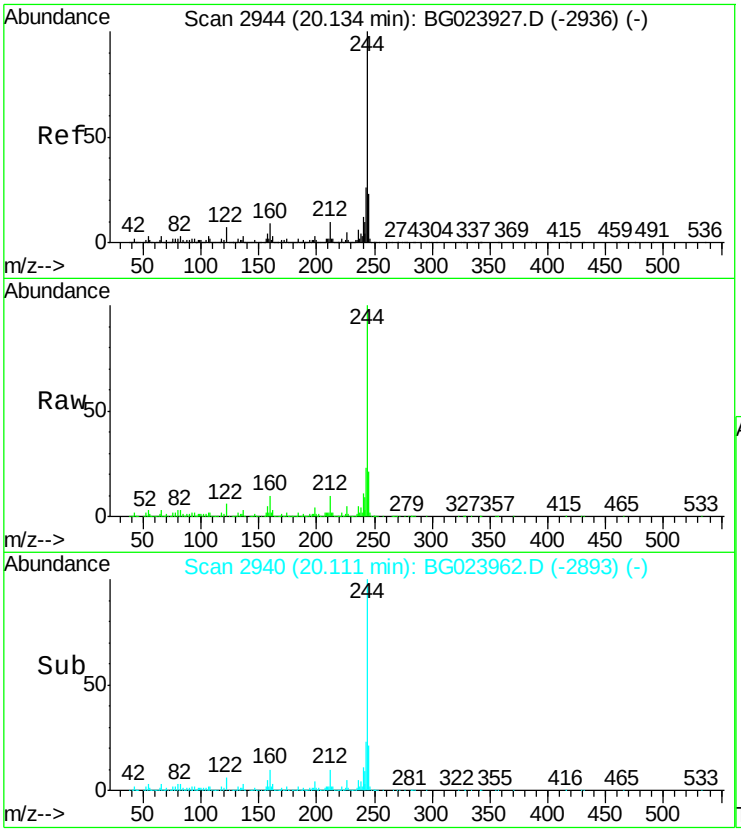


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.04 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Tgt Ion:240 Resp: 392257

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.1	6.1
236	24.3	21.1	31.7



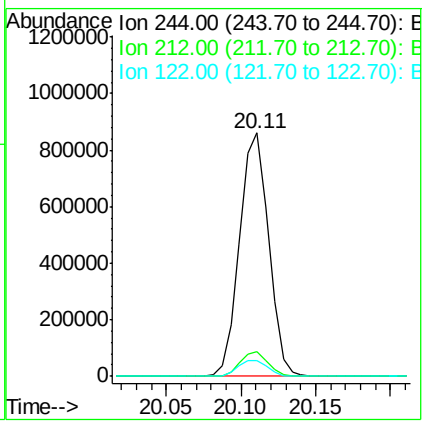


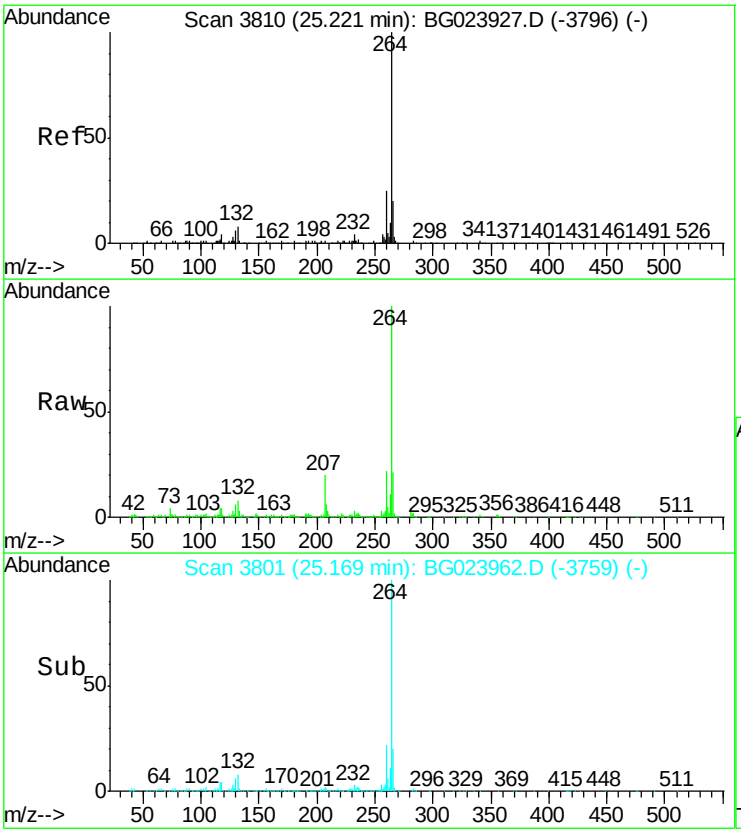
#78
Terphenyl-d14
Concen: 67.32 ng
RT: 20.11 min Scan# 2940
Delta R.T. -0.02 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Instrument :
BNA_G
ClientSampleId :
DI-END-NORTH

Tgt Ion:244 Resp: 1159578

Ion	Ratio	Lower	Upper
244	100		
212	10.0	10.8	16.2#
122	6.3	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3801
Delta R.T. -0.05 min
Lab File: BG023962.D
Acq: 7 Sep 2016 20:58

Tgt Ion:264 Resp: 383305

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.4	27.6
265	21.1	18.9	28.3