Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091916\
Data File : BG024021.D
Acq On : 19 Sep 2016 16:58
Operator : UM/SJ
Sample : PB93439BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB93439BL

Quant Time: Sep 20 00:53:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38644	20.00	ng	-0.05
21) Naphthalene-d8	10.89	136	184977	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	149501	20.00	ng	-0.04
63) Phenanthrene-d10	17.50	188	385673	20.00	ng	-0.03
75) Chrysene-d12	21.81	240	438579	20.00	ng	-0.04
86) Perylene-d12	25.15	264	424840	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	377201	171.37	ng	-0.04
7) Phenol-d6	7.23	99	565443	166.89	ng	-0.05
23) Nitrobenzene-d5	9.23	82	414095	99.94	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	337229	125.20	ng	-0.04
44) 2-Fluorobiphenyl	13.34	172	879312	84.33	ng	-0.04
78) Terphenyl-d14	20.10	244	1676050	87.03	ng	-0.03
Target Compounds						Qvalue
15) Benzyl Alcohol	8.38	79	7072	2.37	ng	# 59
40) Hexachlorocyclopentadiene	12.91	237	70	7.10	ng	# 26
53) 2,4-Dinitrophenol	15.00	184	58	6.54	ng	# 10

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091916\
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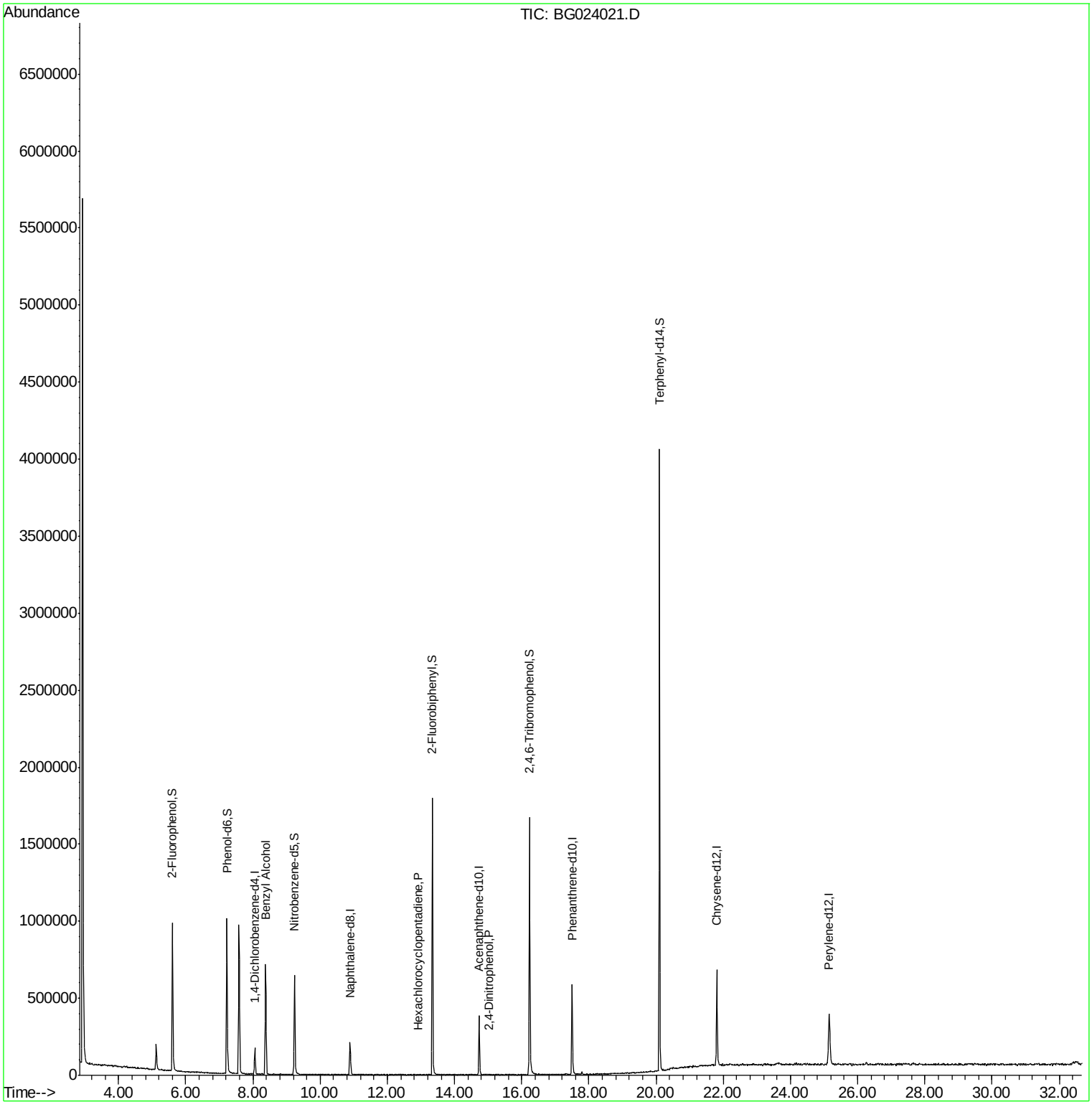
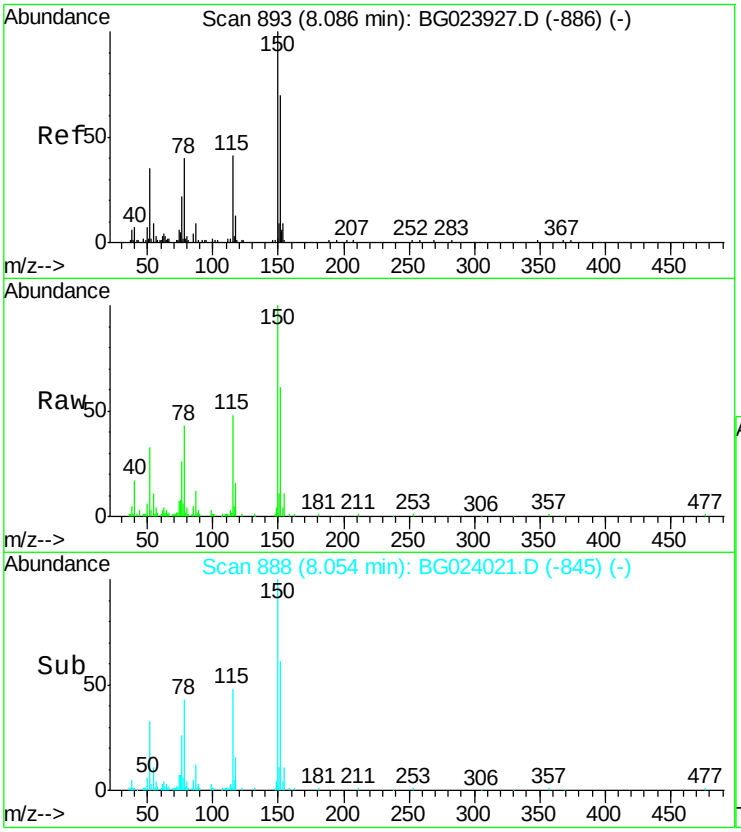


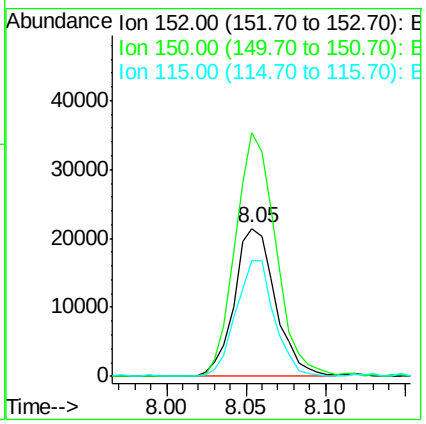


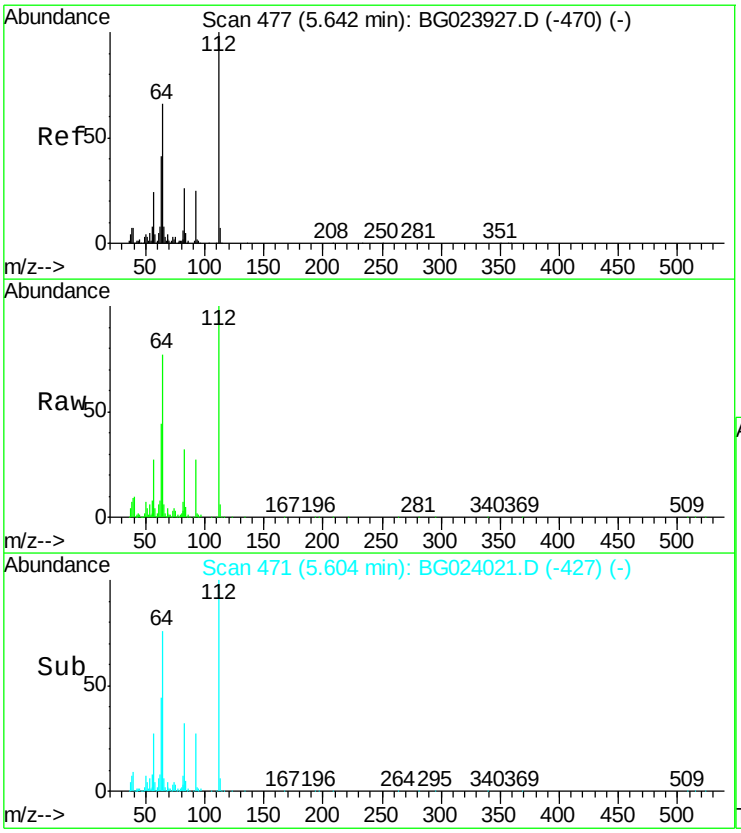
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.05 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Instrument :
BNA_G
ClientSampleId :
PB93439BL

Tgt Ion:152 Resp: 38644

Ion	Ratio	Lower	Upper
152	100		
150	164.7	144.7	217.1
115	78.4	64.0	96.0

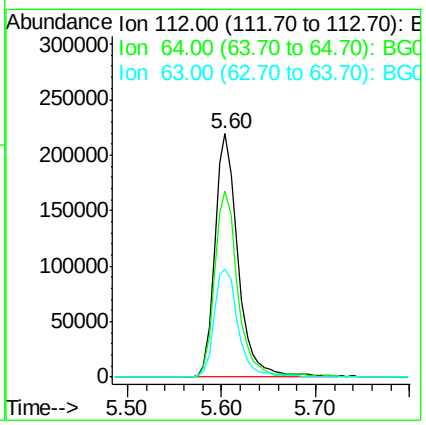


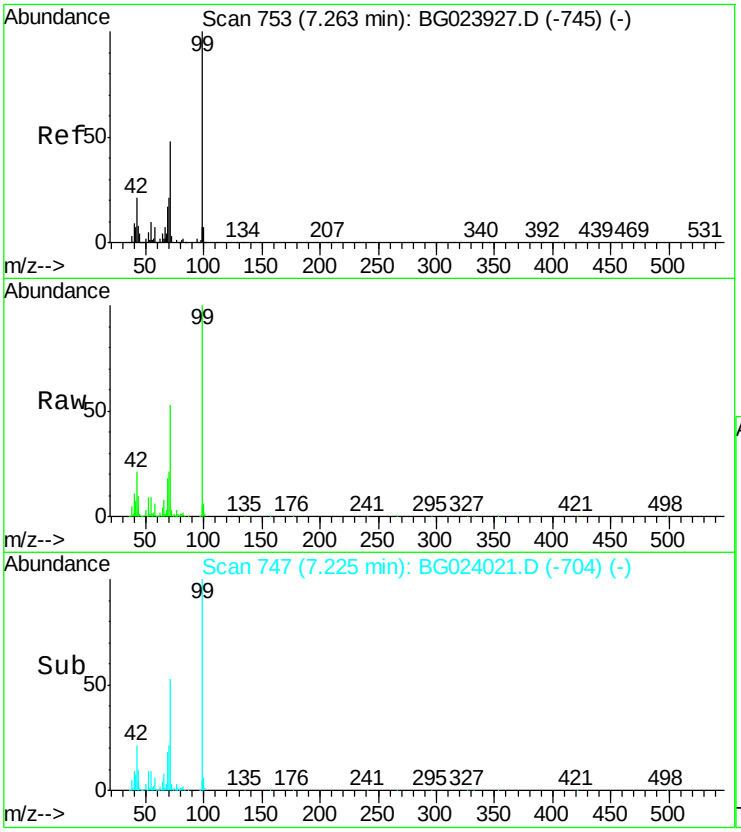


#5
2-Fluorophenol
Concen: 171.37 ng
RT: 5.60 min Scan# 471
Delta R.T. -0.04 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Tgt Ion:112 Resp: 377201

Ion	Ratio	Lower	Upper
112	100		
64	76.6	59.0	88.4
63	44.2	37.8	56.8



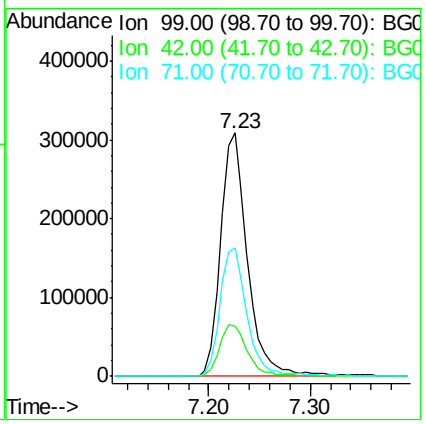


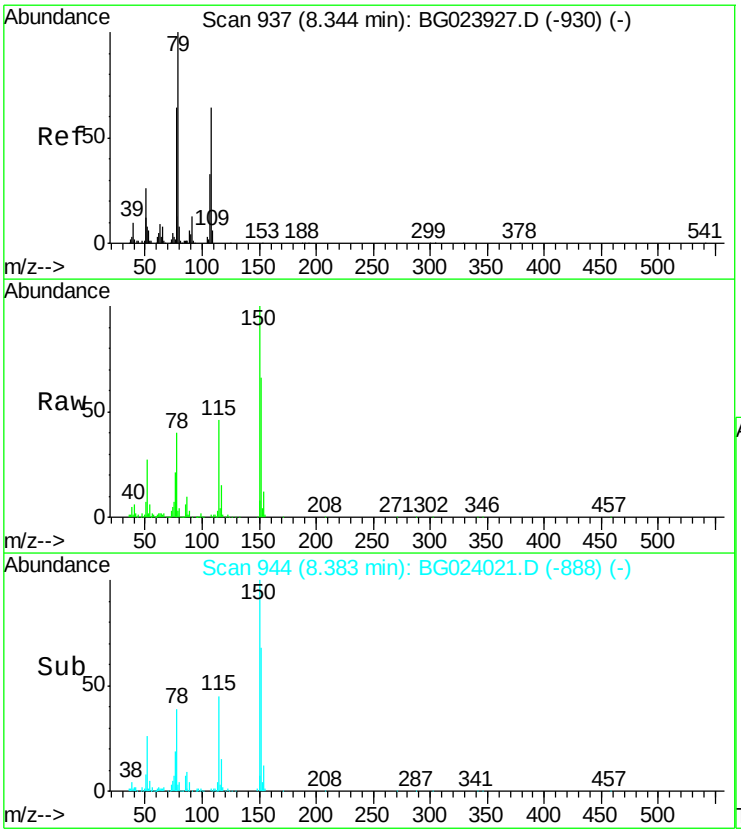
#7
Phenol-d6
Concen: 166.89 ng
RT: 7.23 min Scan# 747
Delta R.T. -0.05 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Instrument :
BNA_G
ClientSampleId :
PB93439BL

Tgt Ion: 99 Resp: 565443

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.8	26.6
71	52.9	41.5	62.3

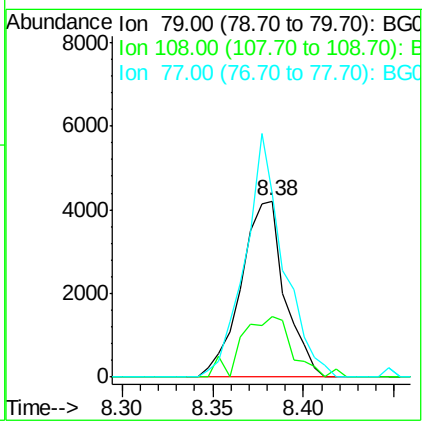


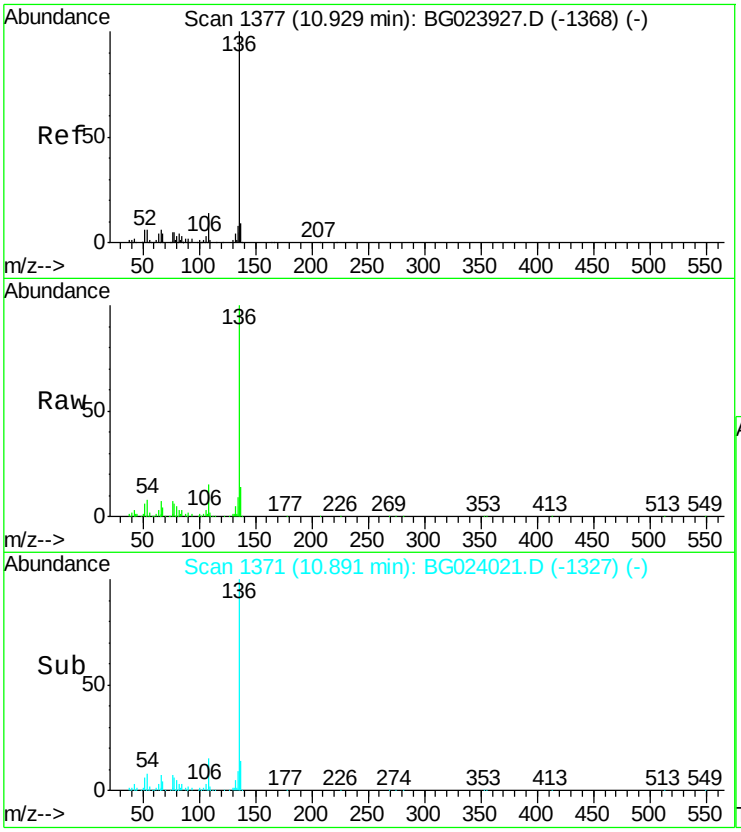


#15
Benzyl Alcohol
Concen: 2.37 ng
RT: 8.38 min Scan# 944
Delta R.T. 0.03 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Tgt Ion: 79 Resp: 7072

Ion	Ratio	Lower	Upper
79	100		
108	34.4	46.5	69.7#
77	104.2	52.3	78.5#



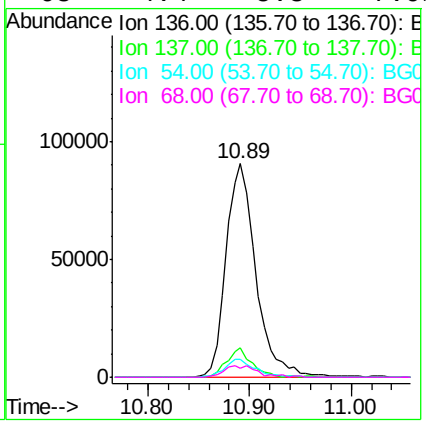


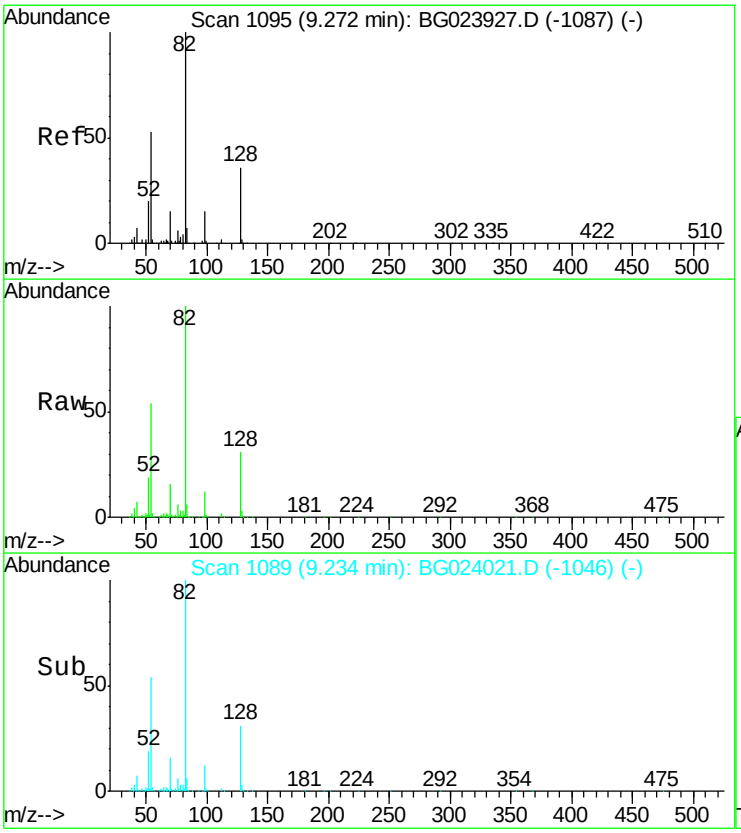
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.04 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Instrument :
BNA_G
ClientSampleId :
PB93439BL

Tgt Ion:136 Resp: 184977

Ion	Ratio	Lower	Upper
136	100		
137	13.8	9.6	14.4
54	8.5	7.3	10.9
68	4.4	5.3	7.9#

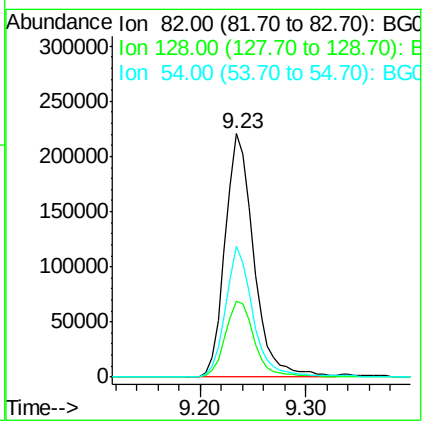


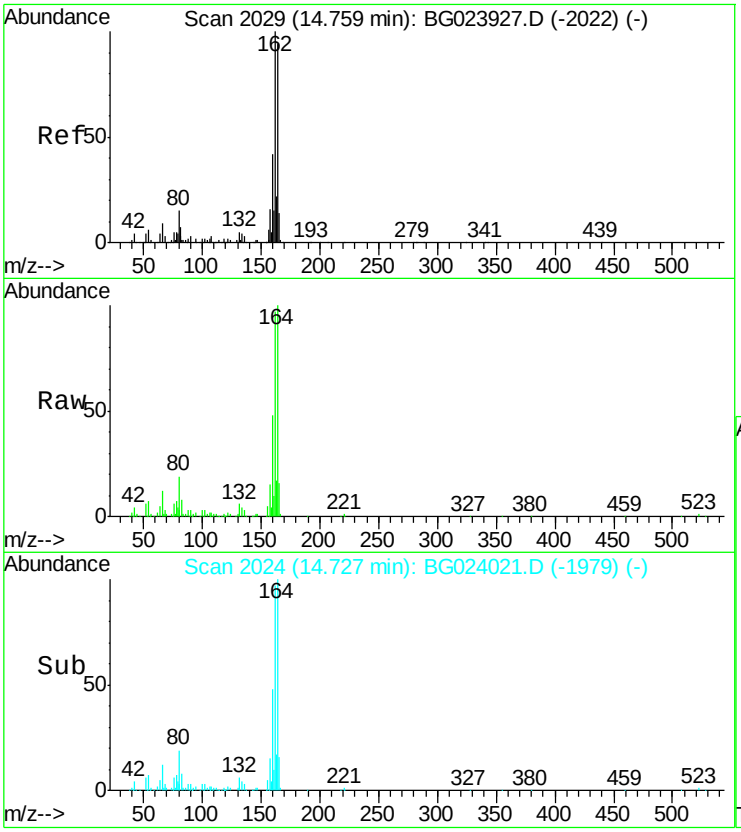


#23
Nitrobenzene-d5
Concen: 99.94 ng
RT: 9.23 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Tgt Ion: 82 Resp: 414095

Ion	Ratio	Lower	Upper
82	100		
128	31.3	24.4	36.6
54	53.6	41.4	62.0



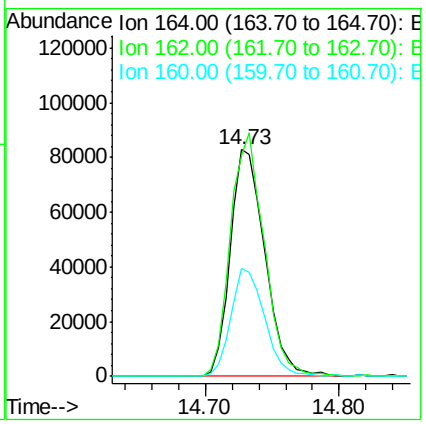


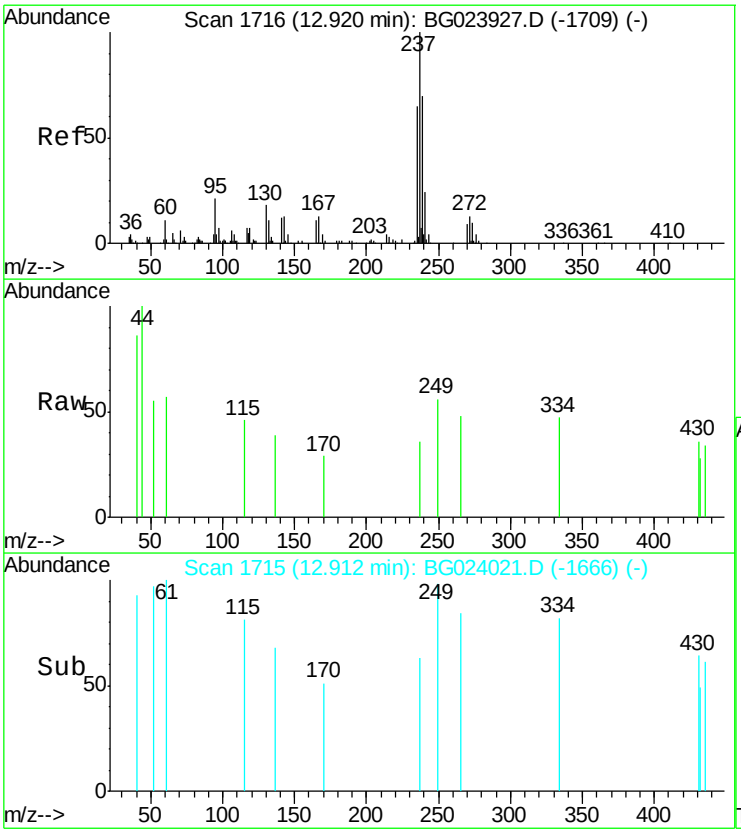
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Instrument :
BNA_G
ClientSampleId :
PB93439BL

Tgt Ion:164 Resp: 149501

Ion	Ratio	Lower	Upper
164	100		
162	97.1	87.7	131.5
160	47.5	37.2	55.8

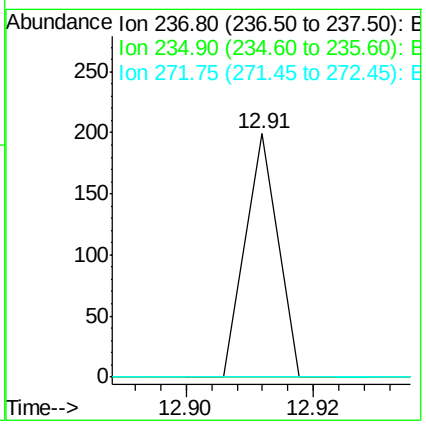


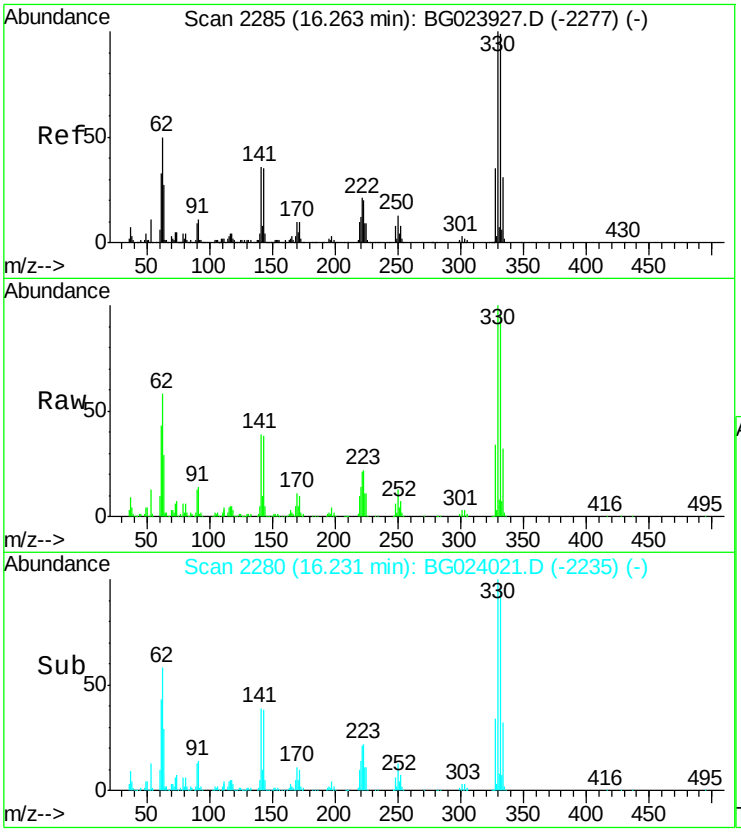


#40
Hexachlorocyclopentadiene
Concen: 7.10 ng
RT: 12.91 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Tgt Ion:237 Resp: 70

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



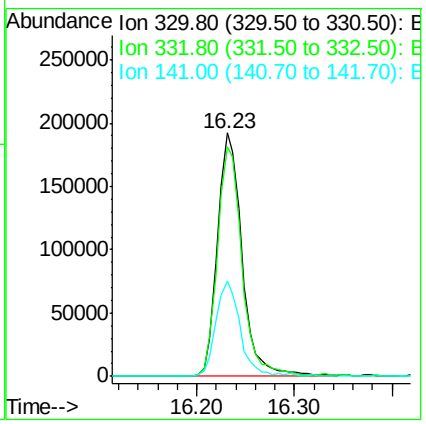


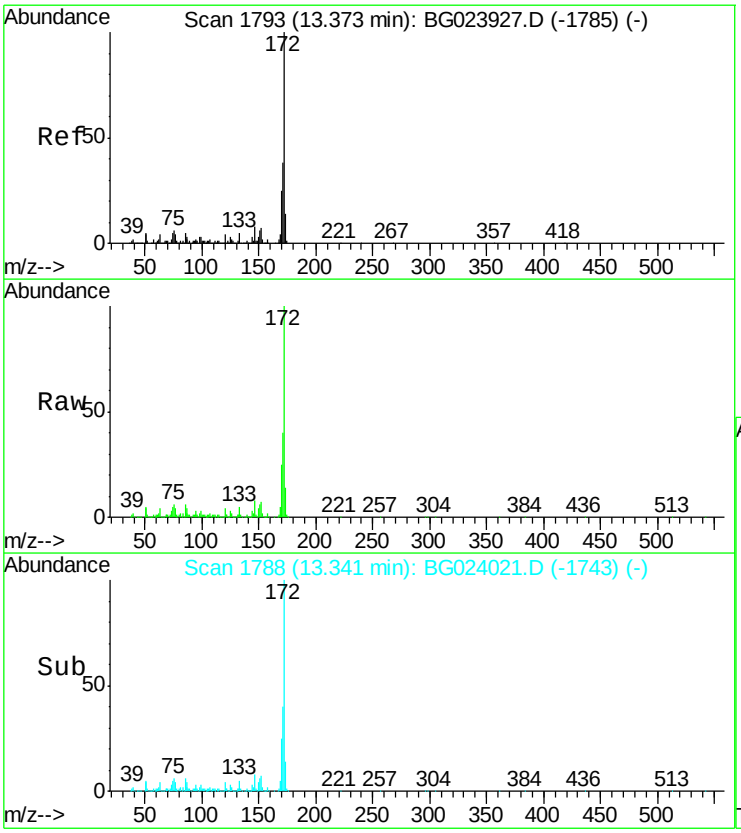
#41
2,4,6-Tribromophenol
Concen: 125.20 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.04 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Instrument :
BNA_G
ClientSampleId :
PB93439BL

Tgt Ion:330 Resp: 337229

Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.4	116.2
141	38.8	31.7	47.5

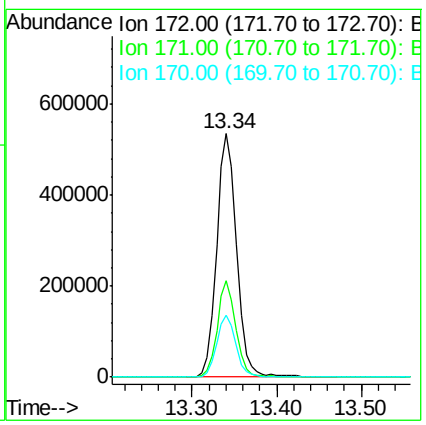


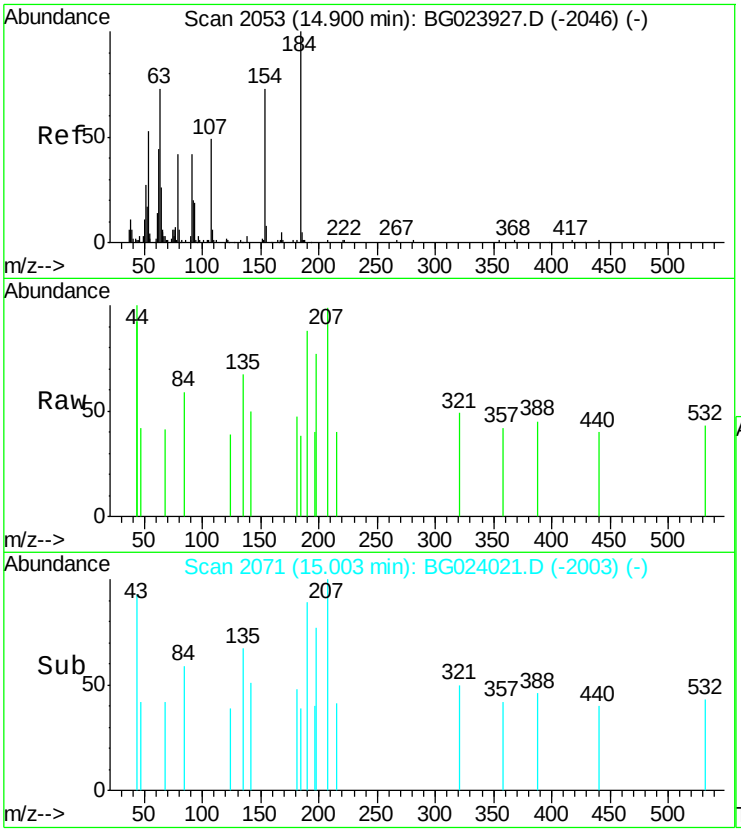


#44
2-Fluorobiphenyl
Concen: 84.33 ng
RT: 13.34 min Scan# 1788
Delta R.T. -0.04 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Tgt Ion:172 Resp: 879312

Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.6	47.4
170	25.4	21.3	31.9



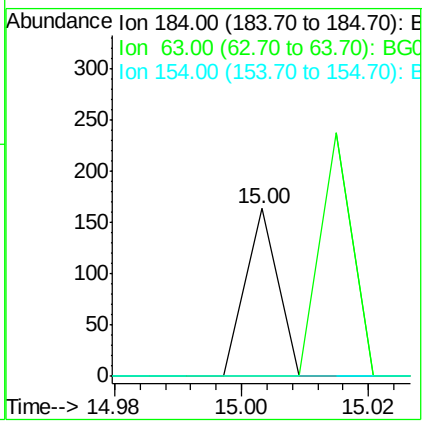


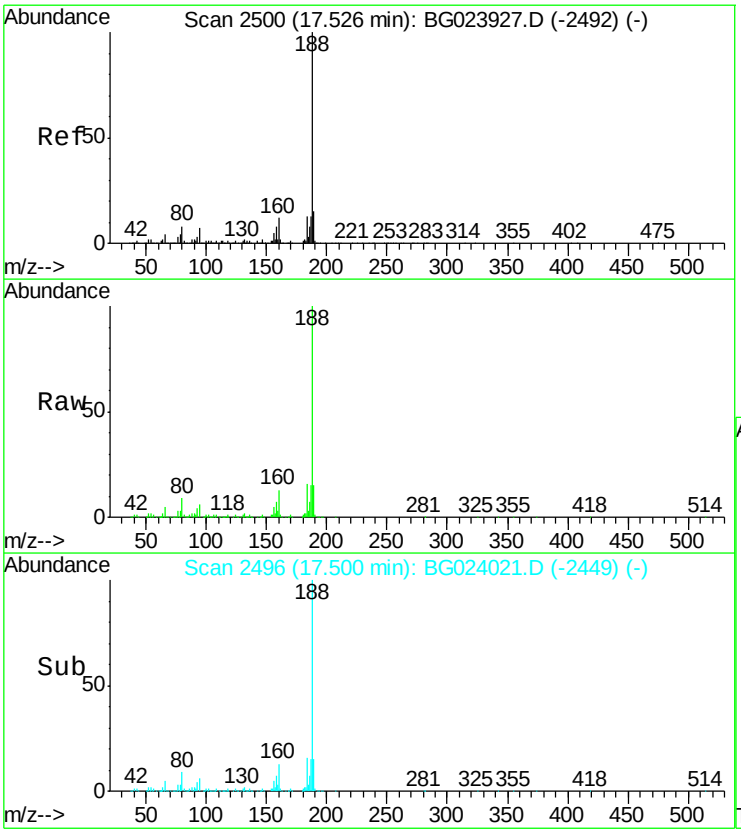
#53
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 15.00 min Scan# 2071
Delta R.T. 0.10 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Instrument :
BNA_G
ClientSampleId :
PB93439BL

Tgt Ion:184 Resp: 58

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

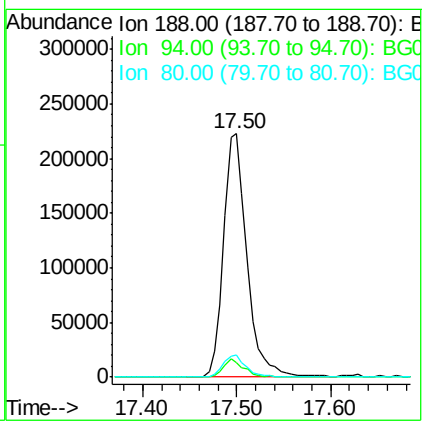


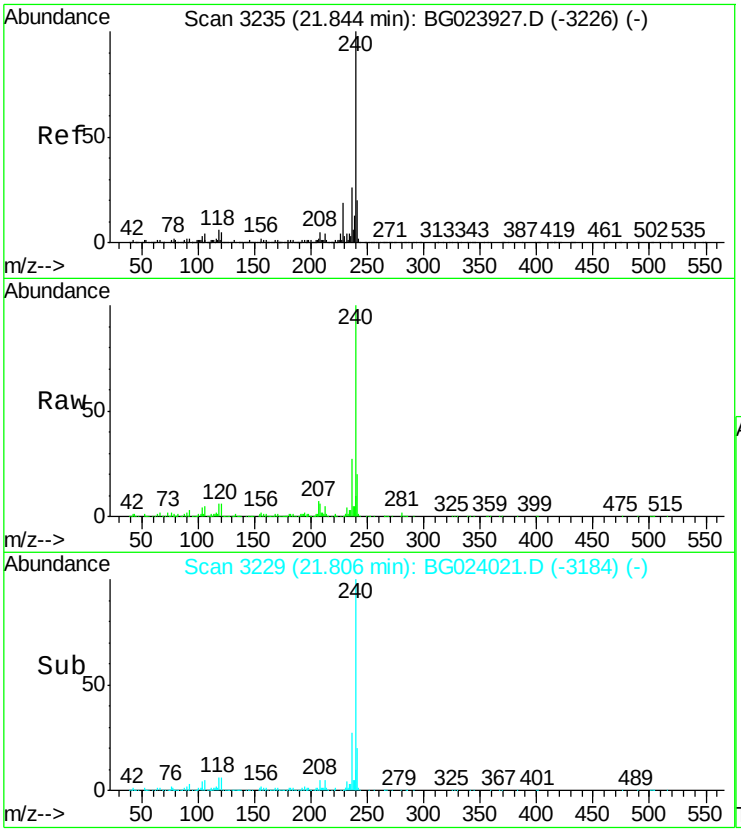


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. -0.03 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Tgt Ion:188 Resp: 385673

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.2	7.8
80	9.0	7.2	10.8



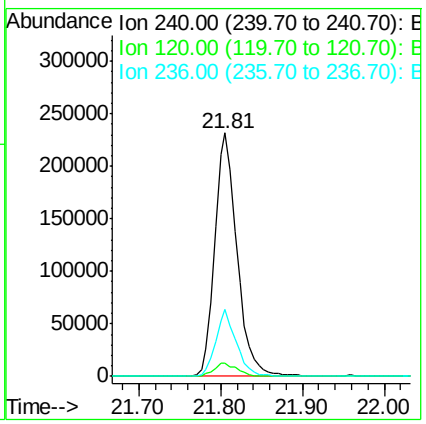


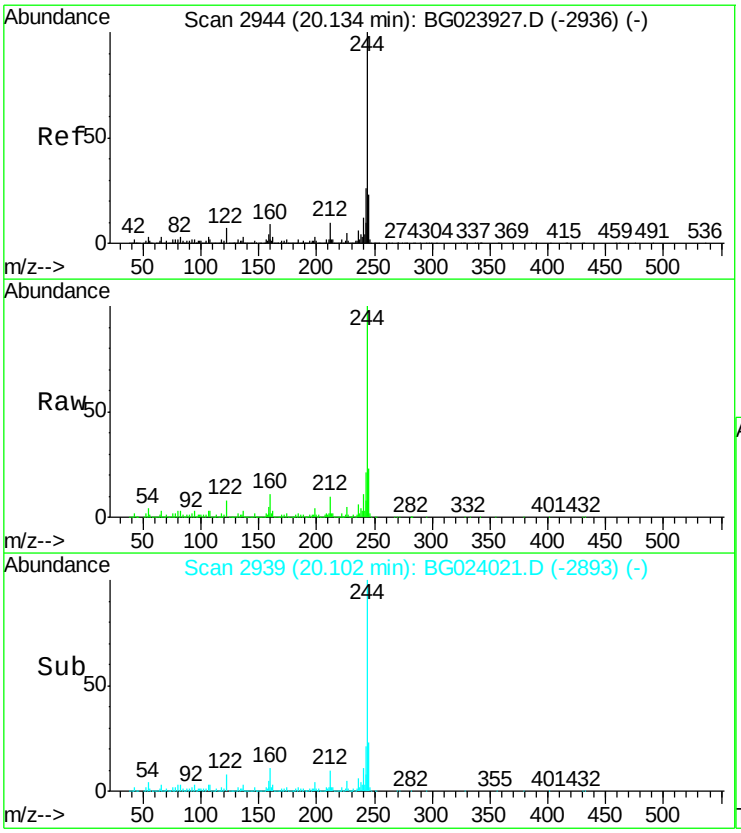
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.04 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Instrument :
BNA_G
ClientSampleId :
PB93439BL

Tgt Ion:240 Resp: 438579

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.1	6.1
236	27.3	21.1	31.7

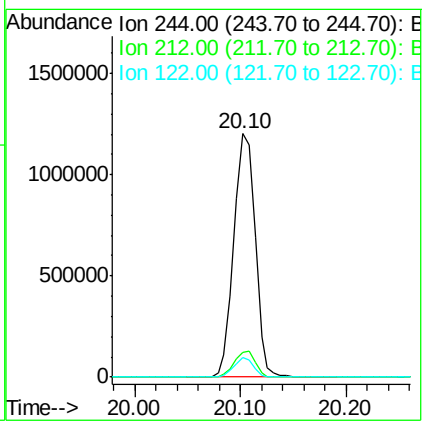


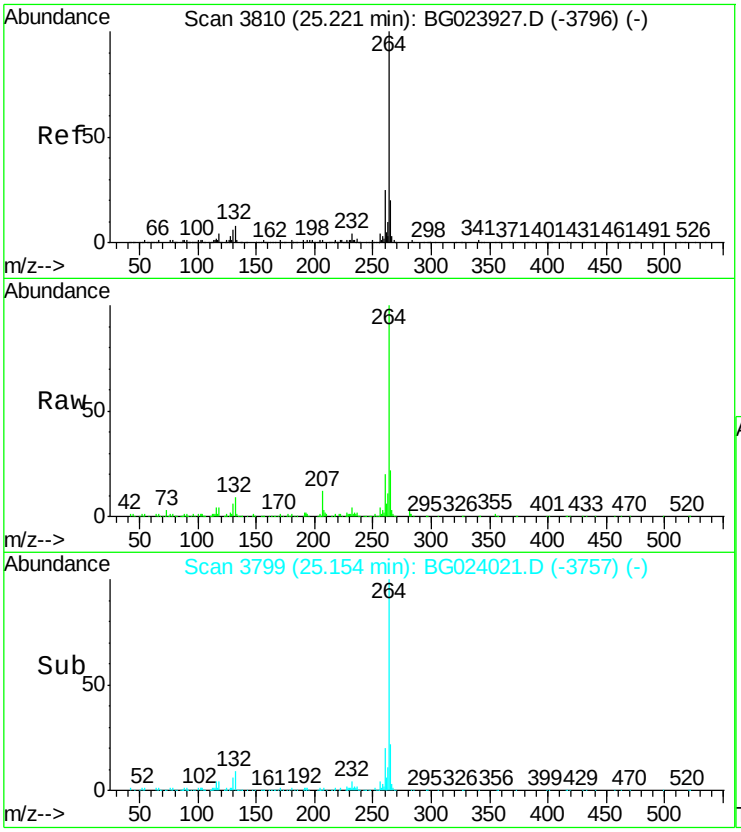


#78
Terphenyl-d14
Concen: 87.03 ng
RT: 20.10 min Scan# 2939
Delta R.T. -0.03 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Tgt Ion:244 Resp: 1676050

Ion	Ratio	Lower	Upper
244	100		
212	10.0	10.8	16.2#
122	8.3	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.15 min Scan# 3799
Delta R.T. -0.06 min
Lab File: BG024021.D
Acq: 19 Sep 2016 16:58

Instrument :
BNA_G
ClientSampleId :
PB93439BL

Tgt Ion:264 Resp: 424840

Ion	Ratio	Lower	Upper
264	100		
260	20.4	18.4	27.6
265	22.5	18.9	28.3