Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062016\
Data File : BG022451.D
Acq On : 20 Jun 2016 21:40
Operator : UM/SJ
Sample : H3679-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-02

Quant Time: Jun 21 02:12:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	25631	20.00	ng	-0.10
21) Naphthalene-d8	10.81	136	131550	20.00	ng	-0.10
38) Acenaphthene-d10	14.63	164	79816	20.00	ng	-0.09
63) Phenanthrene-d10	17.38	188	162537	20.00	ng	-0.09
75) Chrysene-d12	21.64	240	122126	20.00	ng	-0.10
86) Perylene-d12	24.84	264	113190	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	84844	64.00	ng	-0.09
7) Phenol-d6	7.18	99	81149	38.93	ng	-0.07
23) Nitrobenzene-d5	9.16	82	153840	81.53	ng	-0.10
41) 2,4,6-Tribromophenol	16.12	330	87931	97.50	ng	-0.09
44) 2-Fluorobiphenyl	13.25	172	403550	77.05	ng	-0.09
78) Terphenyl-d14	19.98	244	338396	65.78	ng	-0.08
Target Compounds						Qvalue
32) Benzoic acid	10.00	122	57	7.36	ng	# 5
69) Pentachlorophenol	17.30	266	58	6.84	ng	# 16

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

Quantitation Report (Not Reviewed)

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Acq On : 20 Jun 2016 21:40
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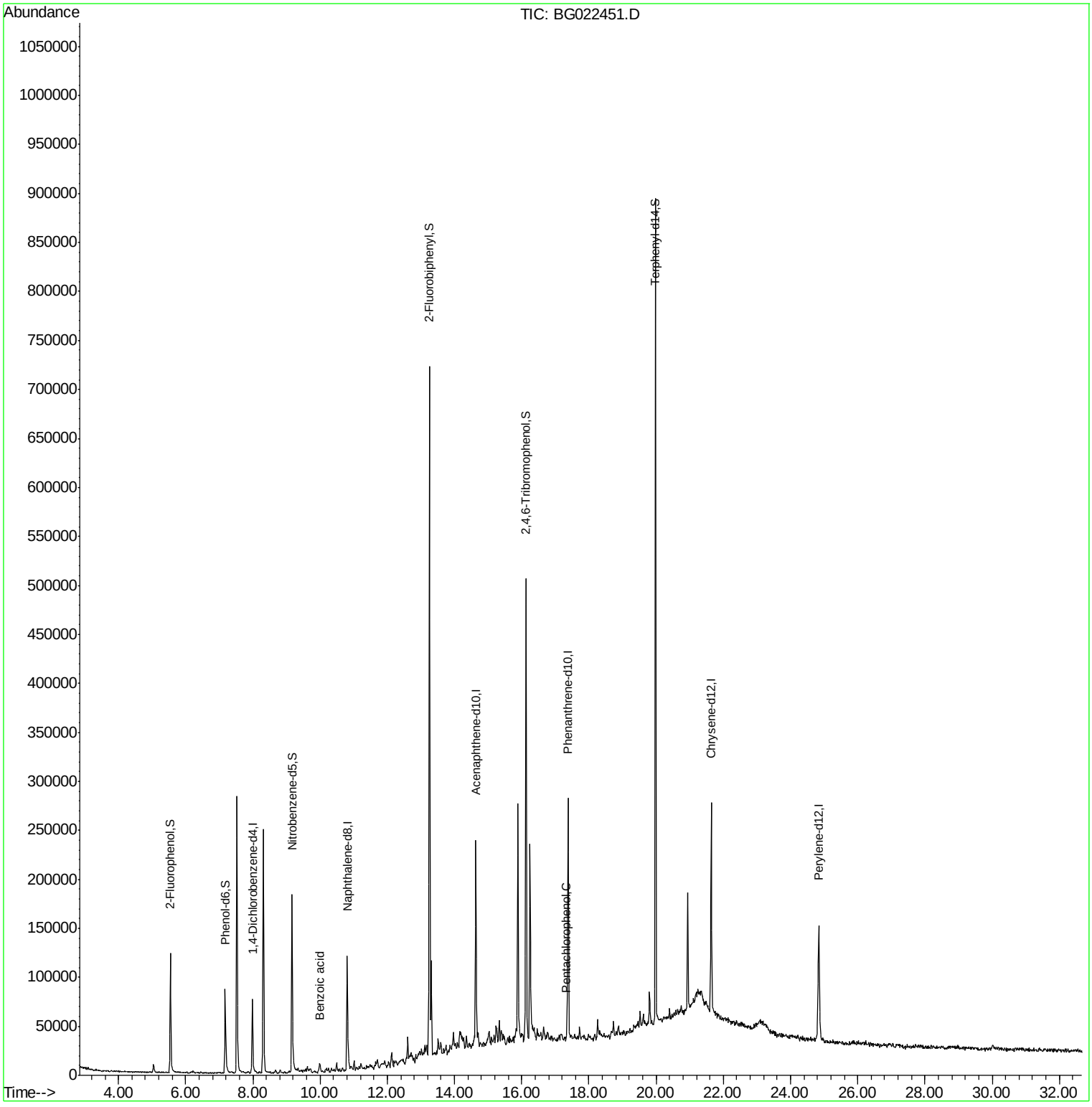
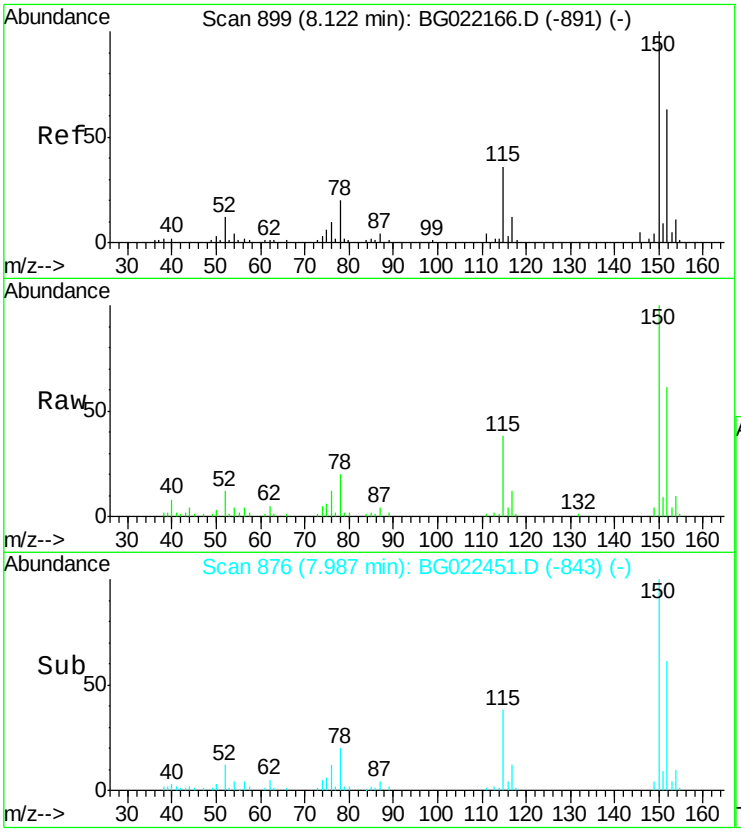


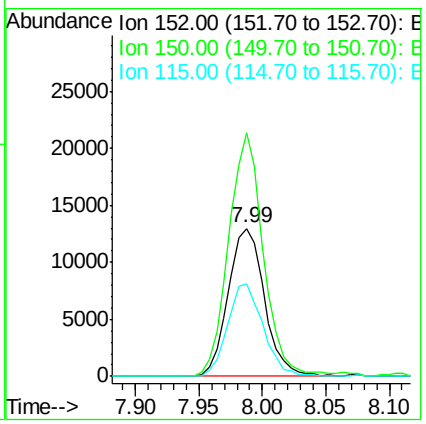


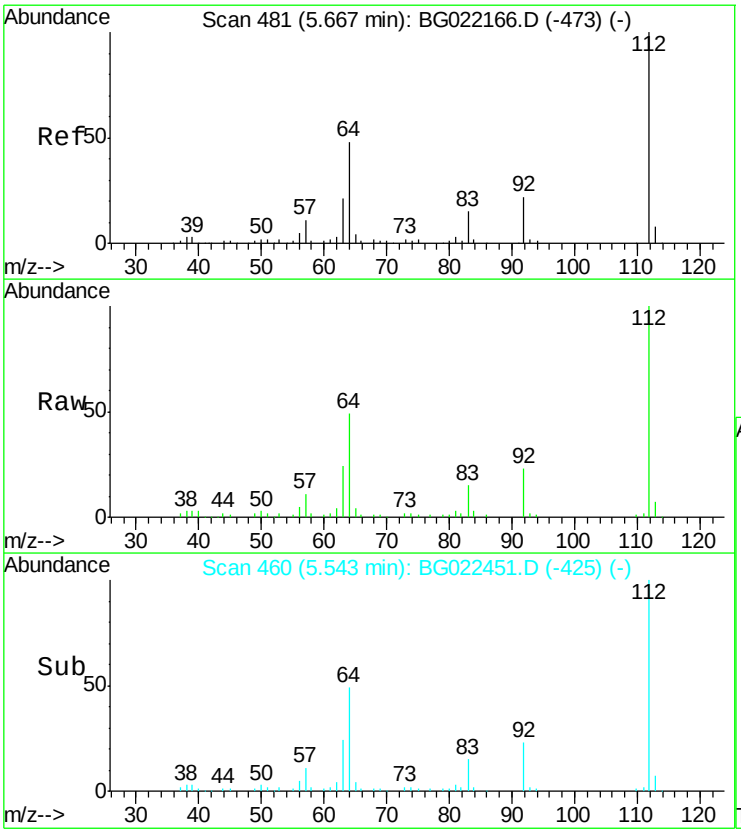
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.99 min Scan# 876
Delta R.T. -0.10 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Instrument :
BNA_G
ClientSampleId :
W-02

Tgt Ion:152 Resp: 25631

Ion	Ratio	Lower	Upper
152	100		
150	164.3	130.1	195.1
115	62.2	62.2	93.2

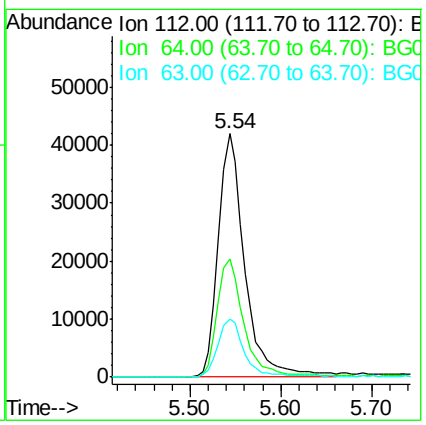


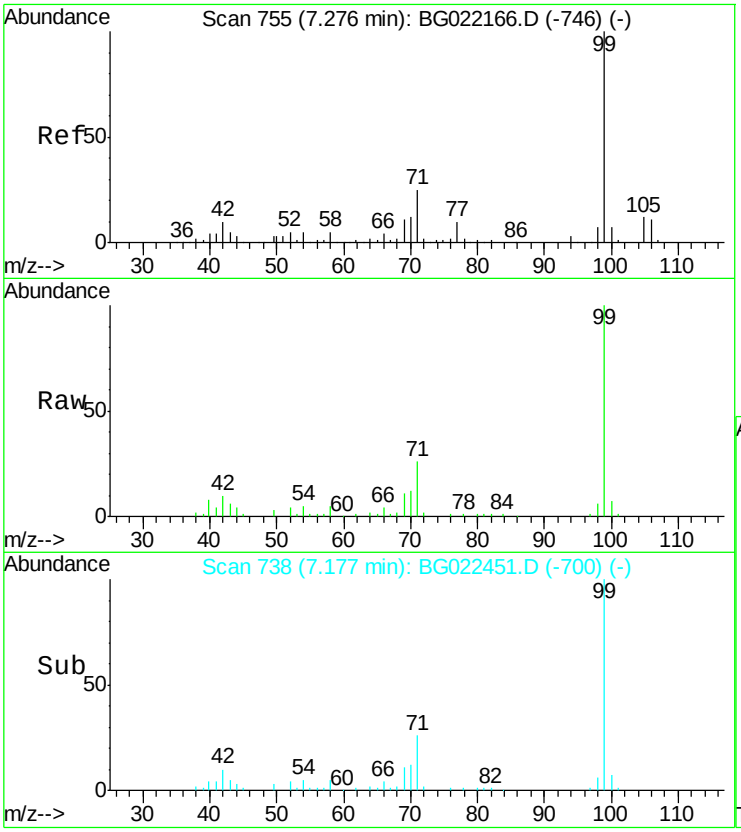


#5
2-Fluorophenol
Concen: 64.00 ng
RT: 5.54 min Scan# 460
Delta R.T. -0.09 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Tgt Ion:112 Resp: 84844

Ion	Ratio	Lower	Upper
112	100		
64	48.7	51.1	76.7#
63	23.7	24.6	37.0#



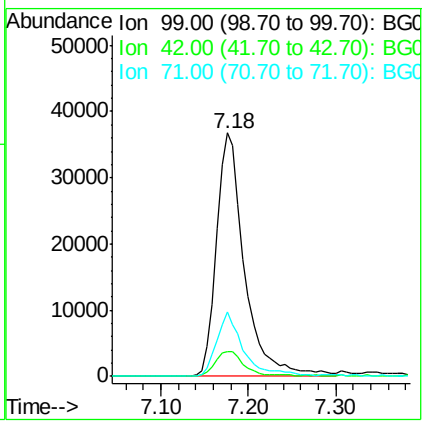


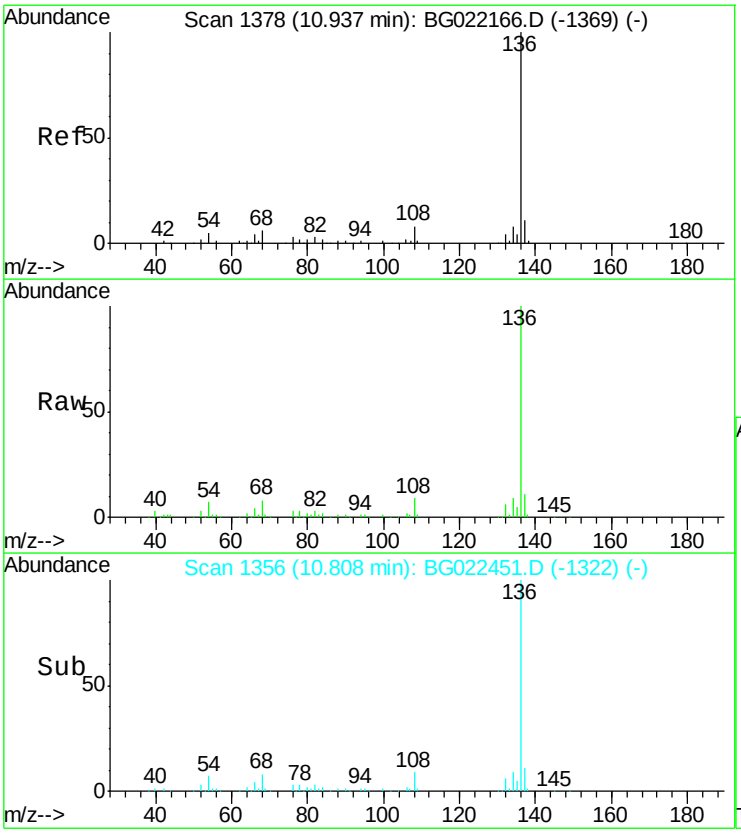
#7
Phenol-d6
Concen: 38.93 ng
RT: 7.18 min Scan# 738
Delta R.T. -0.07 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Instrument :
BNA_G
ClientSampleId :
W-02

Tgt Ion: 99 Resp: 81149

Ion	Ratio	Lower	Upper
99	100		
42	10.4	16.4	24.6#
71	26.3	25.0	37.4

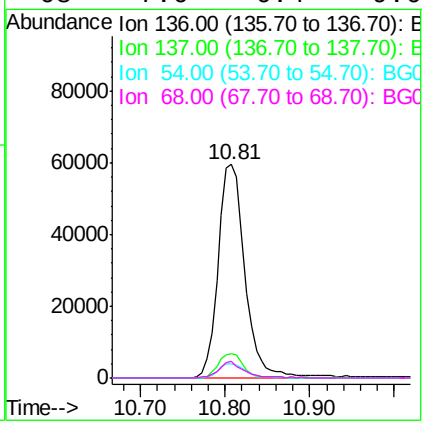


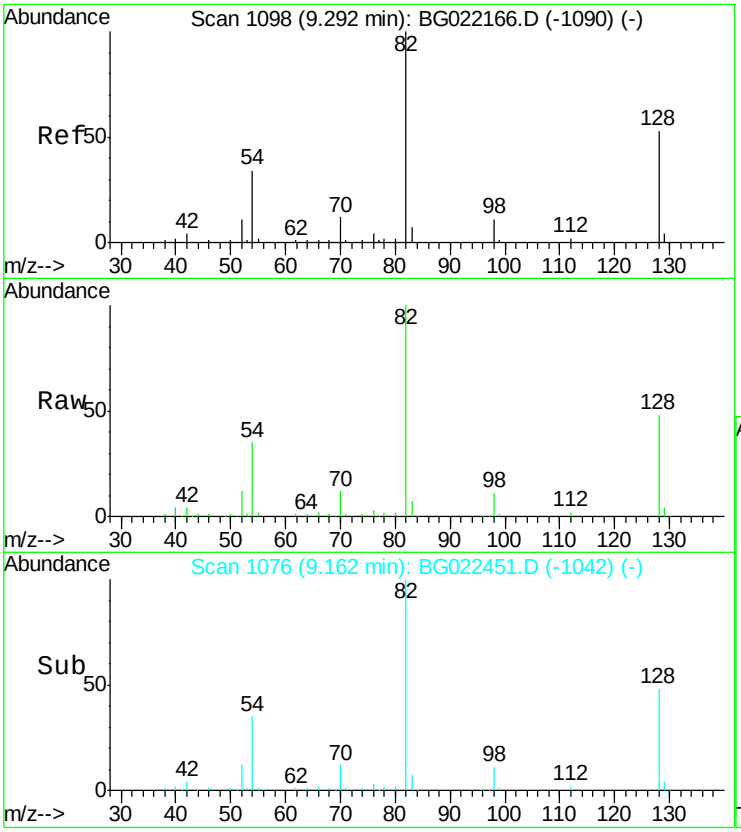


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 1356
Delta R.T. -0.10 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Tgt Ion:136 Resp: 131550

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.7	9.6	14.4#
68	7.6	6.4	9.6



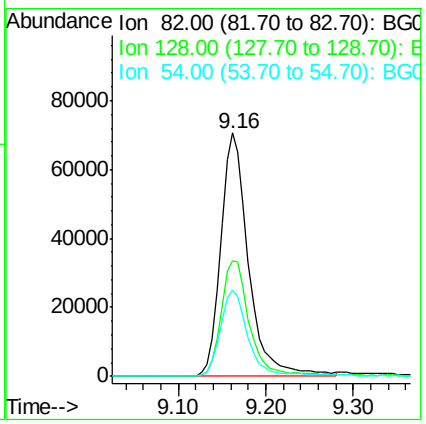


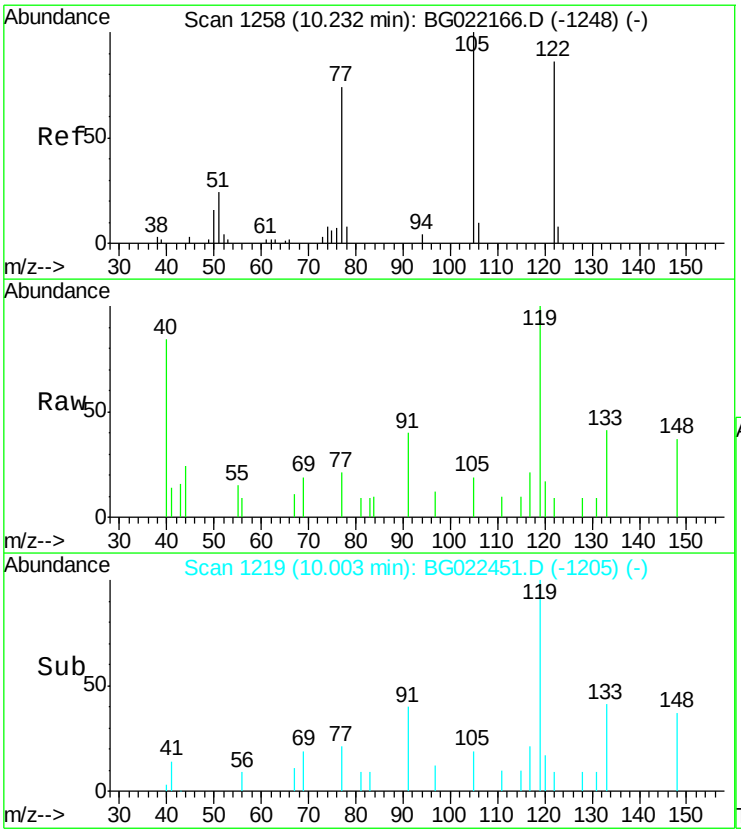
#23
Nitrobenzene-d5
Concen: 81.53 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.10 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Instrument :
BNA_G
ClientSampleId :
W-02

Tgt Ion: 82 Resp: 153840

Ion	Ratio	Lower	Upper
82	100		
128	47.7	33.4	50.0
54	35.5	46.1	69.1#

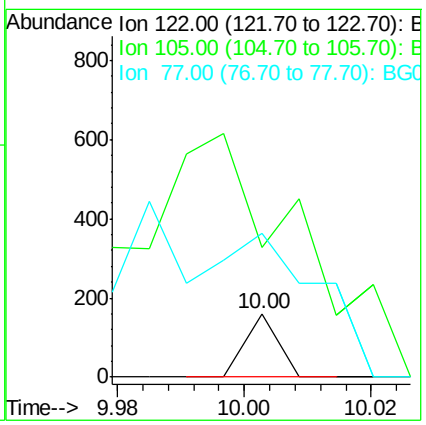


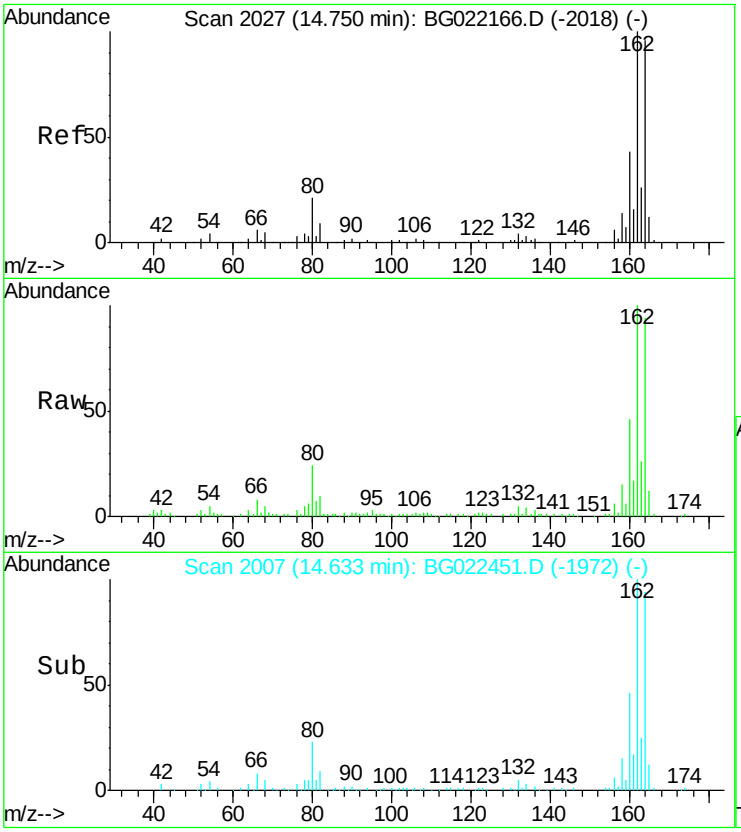


#32
Benzoic acid
Concen: 7.36 ng
RT: 10.00 min Scan# 1219
Delta R.T. -0.21 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Tgt Ion:122 Resp: 57

Ion	Ratio	Lower	Upper
122	100		
105	203.1	104.5	144.5#
77	226.1	79.9	119.9#



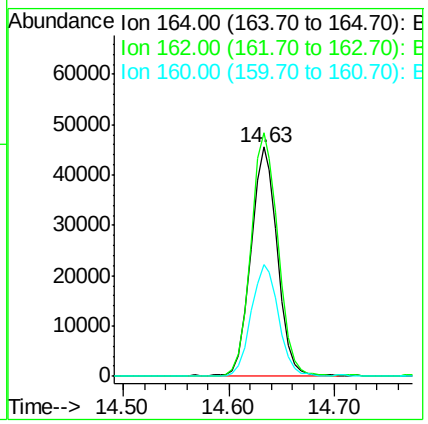


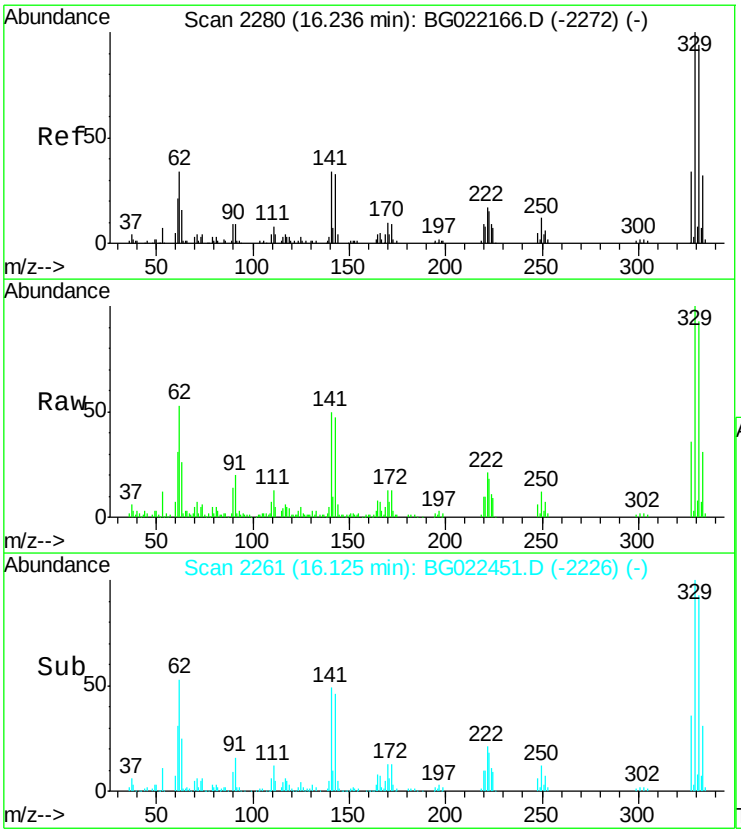
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2007
Delta R.T. -0.09 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Instrument :
BNA_G
ClientSampleId :
W-02

Tgt Ion:164 Resp: 79816

Ion	Ratio	Lower	Upper
164	100		
162	106.3	78.0	117.0
160	48.7	32.9	49.3

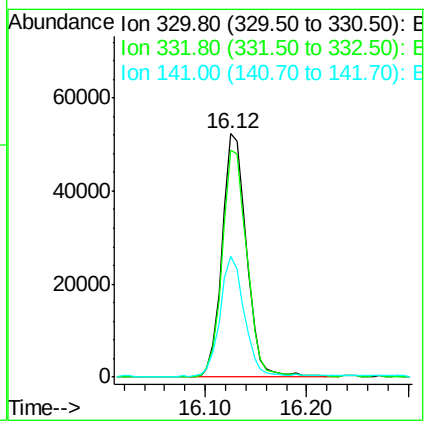


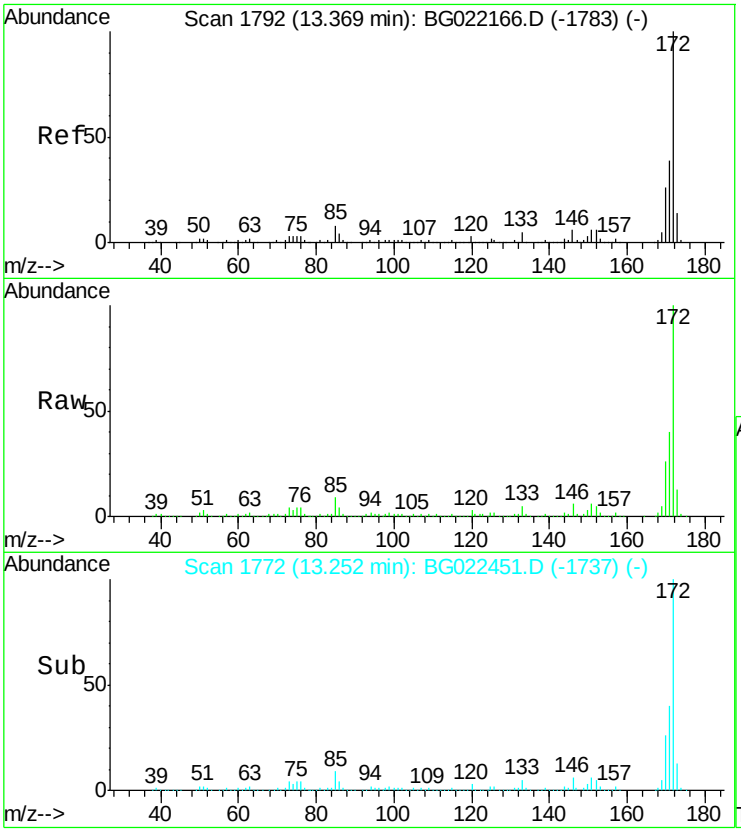


#41
2,4,6-Tribromophenol
Concen: 97.50 ng
RT: 16.12 min Scan# 2261
Delta R.T. -0.09 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Tgt Ion:330 Resp: 87931

Ion	Ratio	Lower	Upper
330	100		
332	94.5	78.0	117.0
141	48.3	33.8	50.8



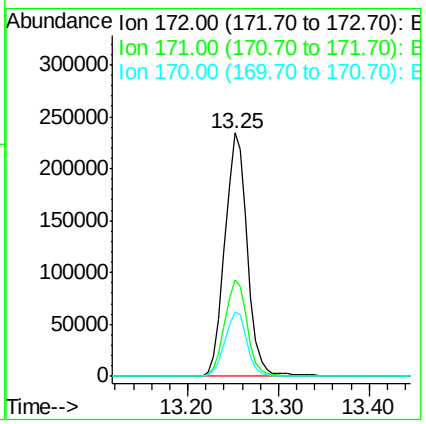


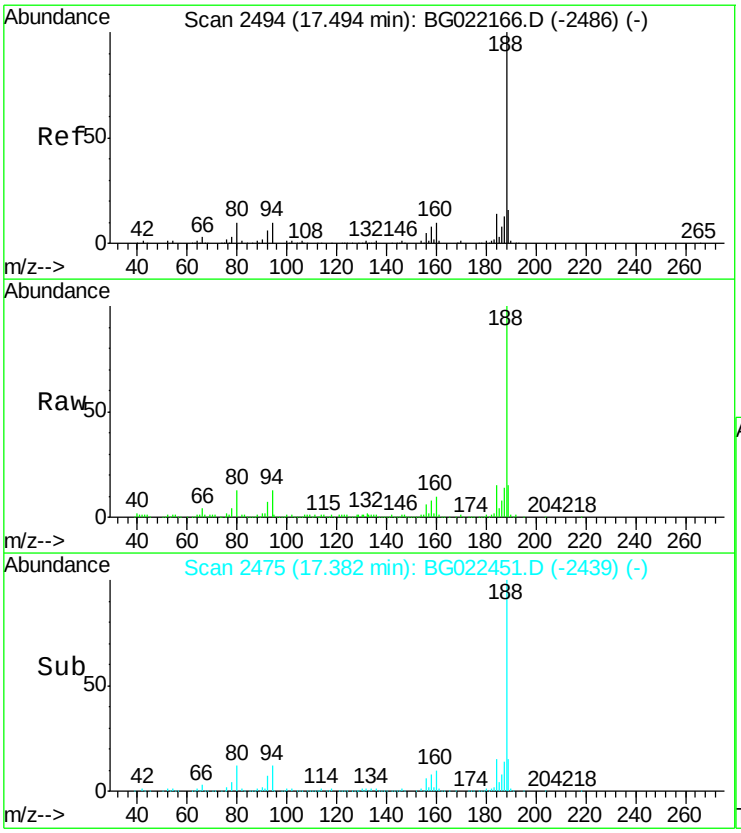
#44
2-Fluorobiphenyl
Concen: 77.05 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.09 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Instrument :
BNA_G
ClientSampleId :
W-02

Tgt Ion:172 Resp: 403550

Ion	Ratio	Lower	Upper
172	100		
171	39.5	27.8	41.6
170	26.4	19.6	29.4

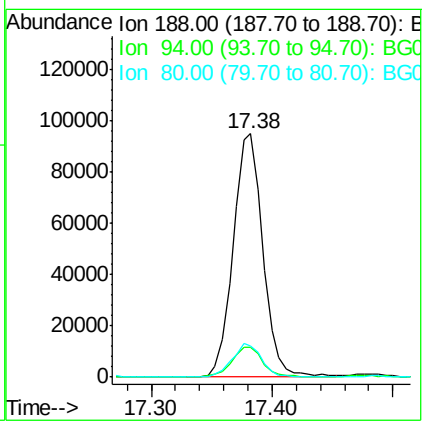


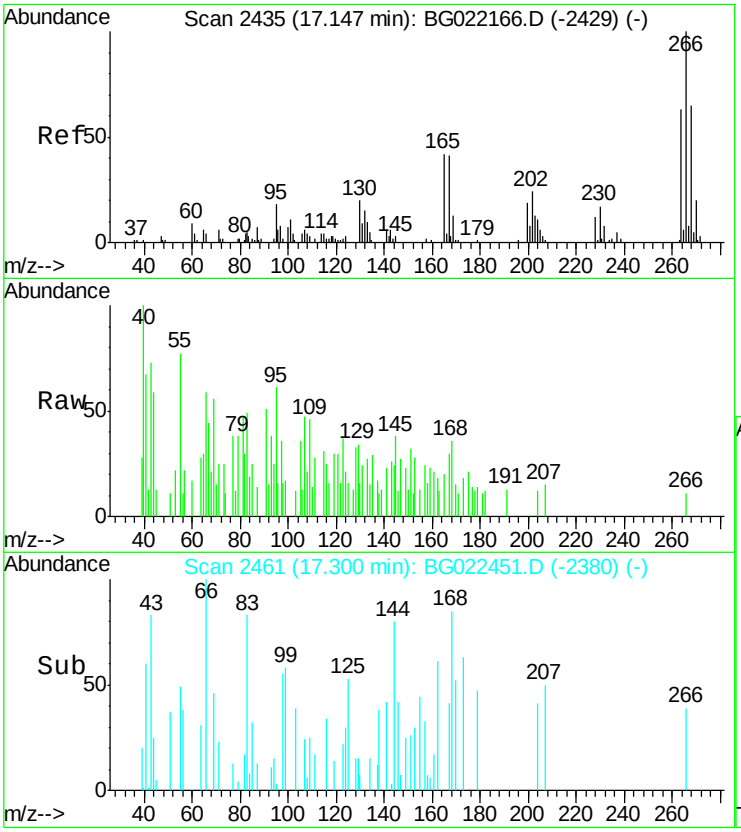


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.09 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Tgt Ion:188 Resp: 162537

Ion	Ratio	Lower	Upper
188	100		
94	12.5	7.5	11.3#
80	12.7	8.6	13.0



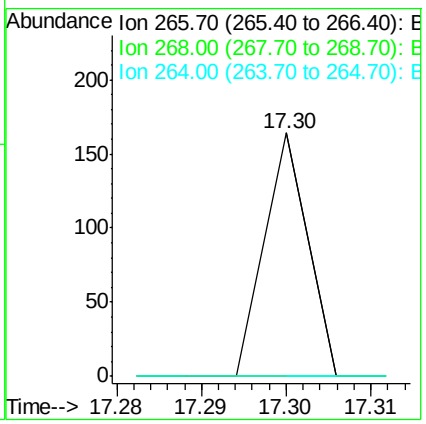


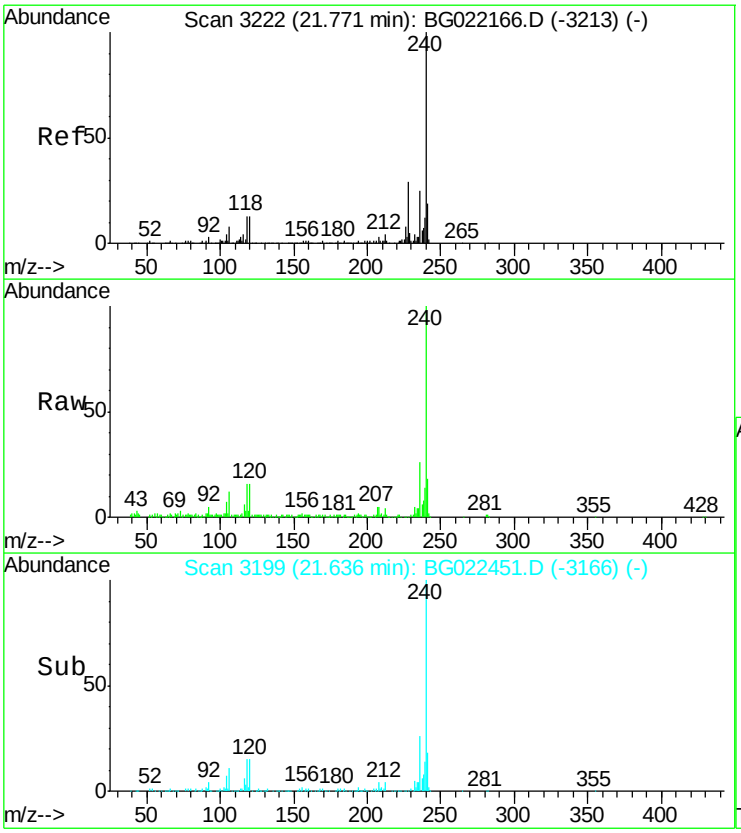
#69
Pentachlorophenol
Concen: 6.84 ng
RT: 17.30 min Scan# 2461
Delta R.T. 0.18 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Instrument :
BNA_G
ClientSampleId :
W-02

Tgt Ion:266 Resp: 58

Ion	Ratio	Lower	Upper
266	100		
268	0.0	54.5	81.7#
264	0.0	53.8	80.6#

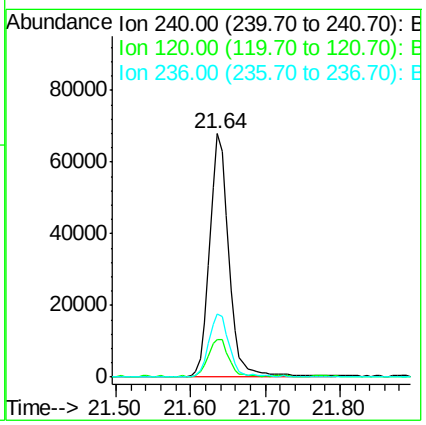


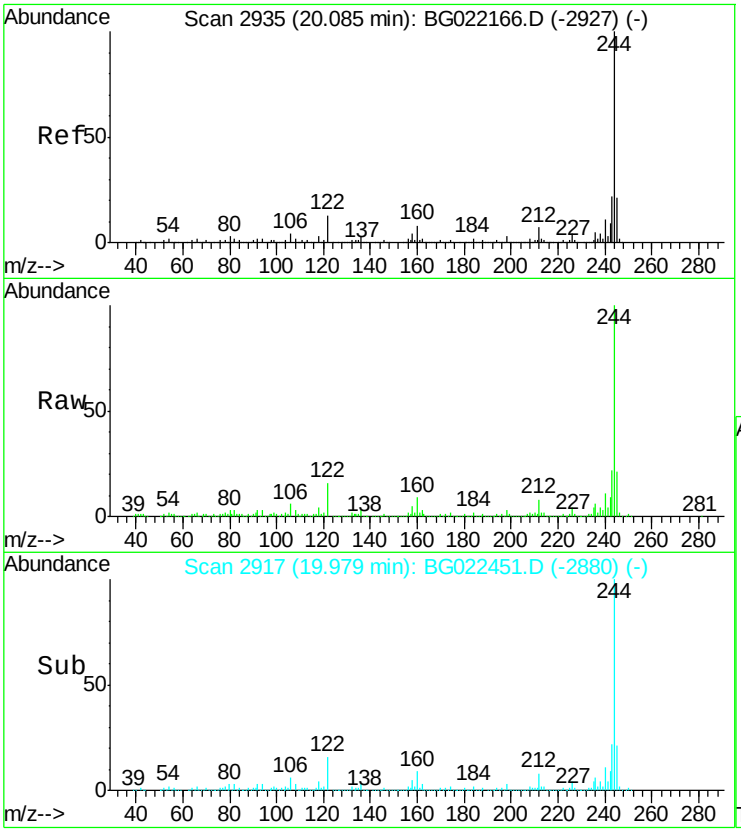


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3199
Delta R.T. -0.10 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Tgt Ion:240 Resp: 122126

Ion	Ratio	Lower	Upper
240	100		
120	15.6	8.4	12.6#
236	26.2	19.6	29.4



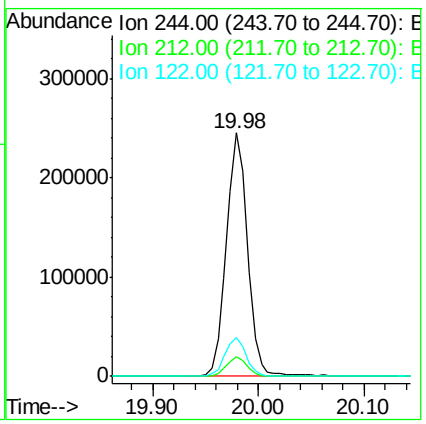


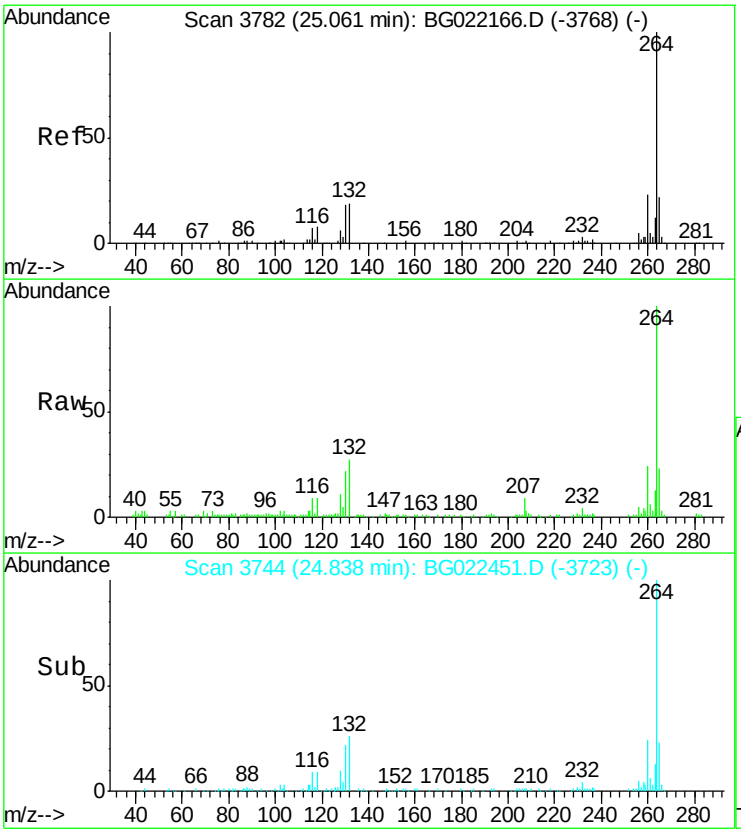
#78
Terphenyl-d14
Concen: 65.78 ng
RT: 19.98 min Scan# 2917
Delta R.T. -0.08 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Instrument :
BNA_G
ClientSampleId :
W-02

Tgt Ion:244 Resp: 338396

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	15.8	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 3744
Delta R.T. -0.17 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Tgt Ion:264 Resp: 113190

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.2	30.4
265	23.0	17.8	26.8