Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061416\
Data File : BG022338.D
Acq On : 14 Jun 2016 17:06
Operator : UM/SJ
Sample : H3427-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-39

Quant Time: Jun 15 02:24:44 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	8.07	152	23647	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	122646	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	82673	20.00	ng	-0.01
63) Phenanthrene-d10	17.46	188	202973	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	174983	20.00	ng	-0.01
86) Perylene-d12	24.99	264	160092	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	95284	77.91	ng	-0.02
7) Phenol-d6	7.24	99	94608	49.20	ng	-0.01
23) Nitrobenzene-d5	9.25	82	162592	92.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	137715	147.42	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	459034	84.62	ng	-0.01
78) Terphenyl-d14	20.05	244	731606	99.26	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.18	117	7940	12.04	ng	# 43
37) 2-Methylnaphthalene	12.76	142	25127	5.56	ng	90
69) Pentachlorophenol	17.13	266	126	6.89	ng	# 16

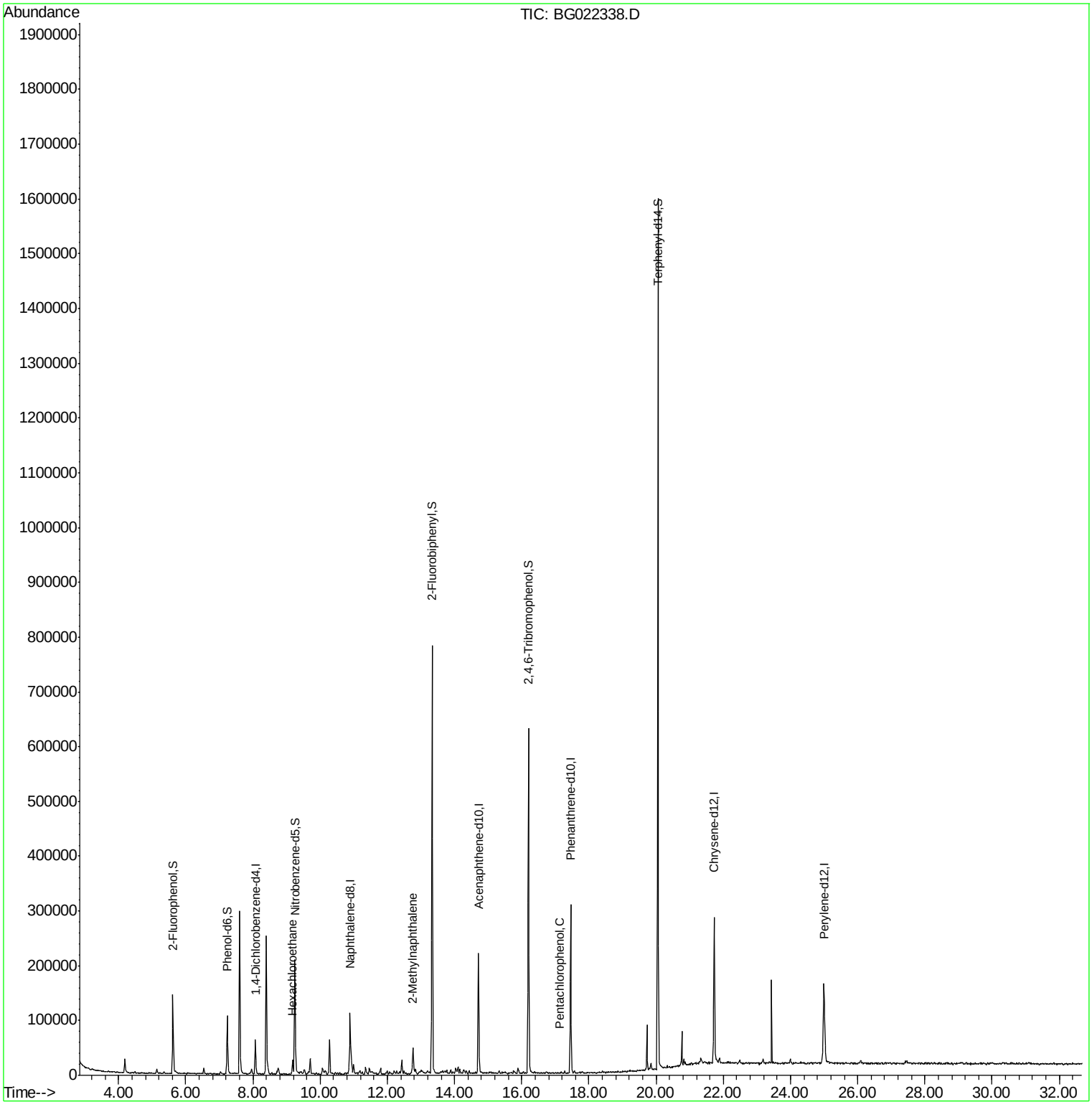
(#) = qualifier out of range (m) = manual integration (+) = signals summed

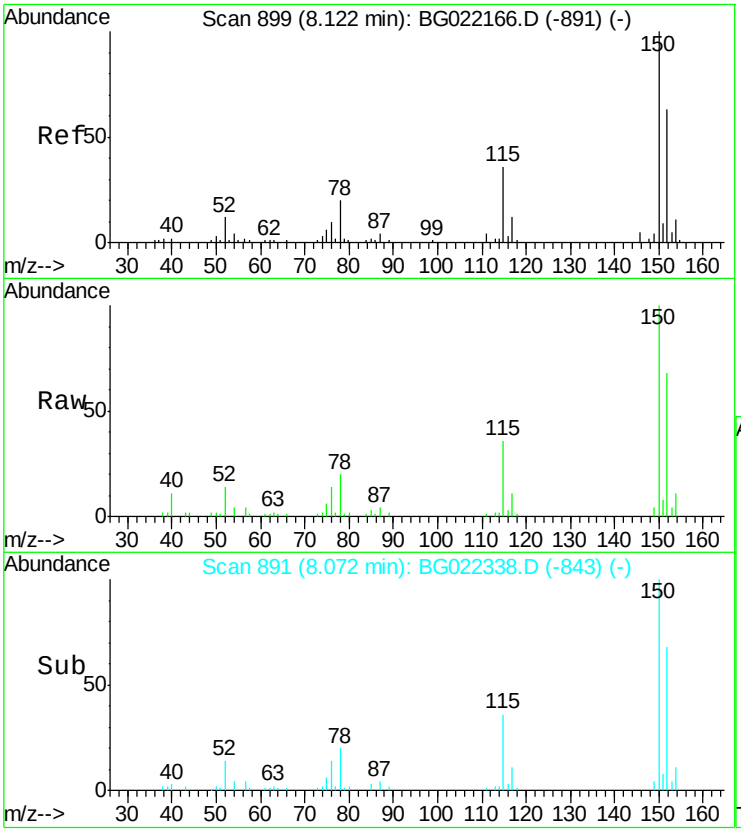
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061416\
Data File : BG022338.D
Acq On : 14 Jun 2016 17:06
Operator : UM/SJ
Sample : H3427-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-39

Quant Time: Jun 15 02:24:44 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



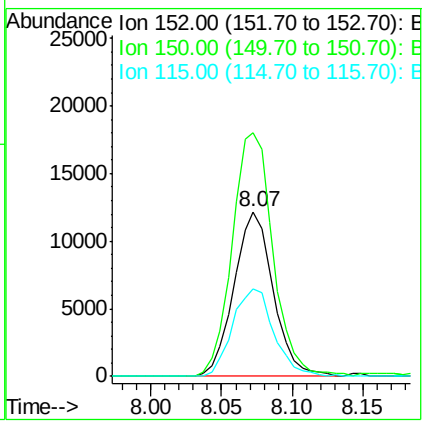


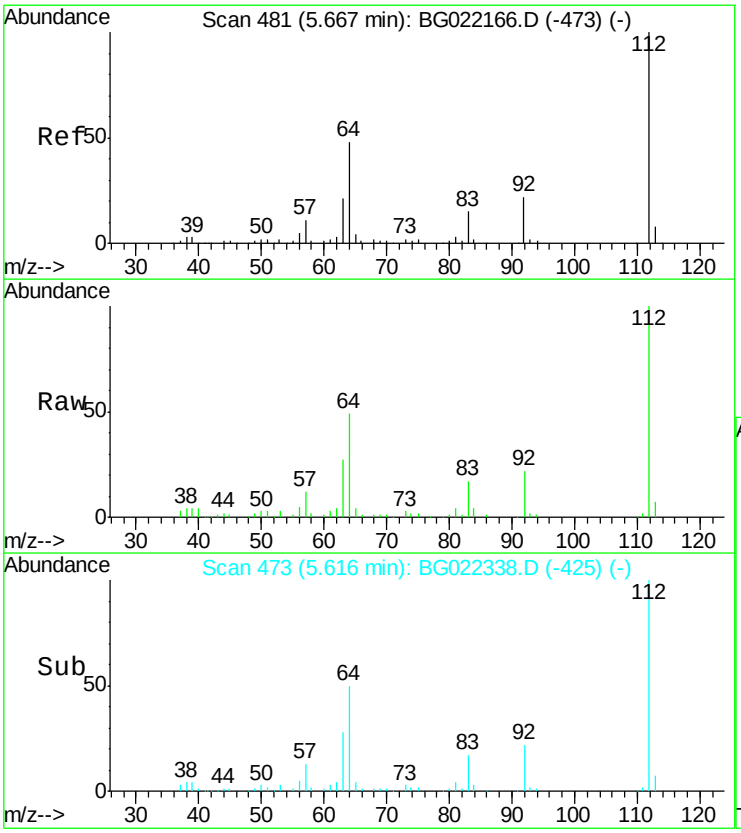
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 891
Delta R.T. -0.02 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:152 Resp: 23647

Ion	Ratio	Lower	Upper
152	100		
150	147.8	130.1	195.1
115	53.0	62.2	93.2#

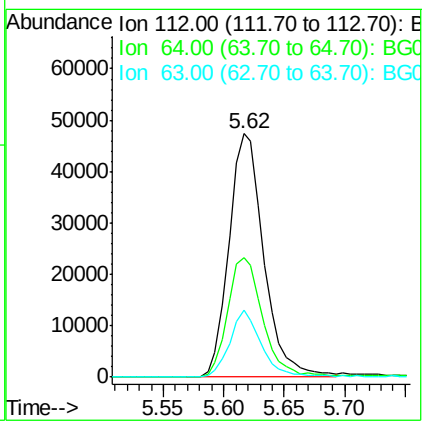


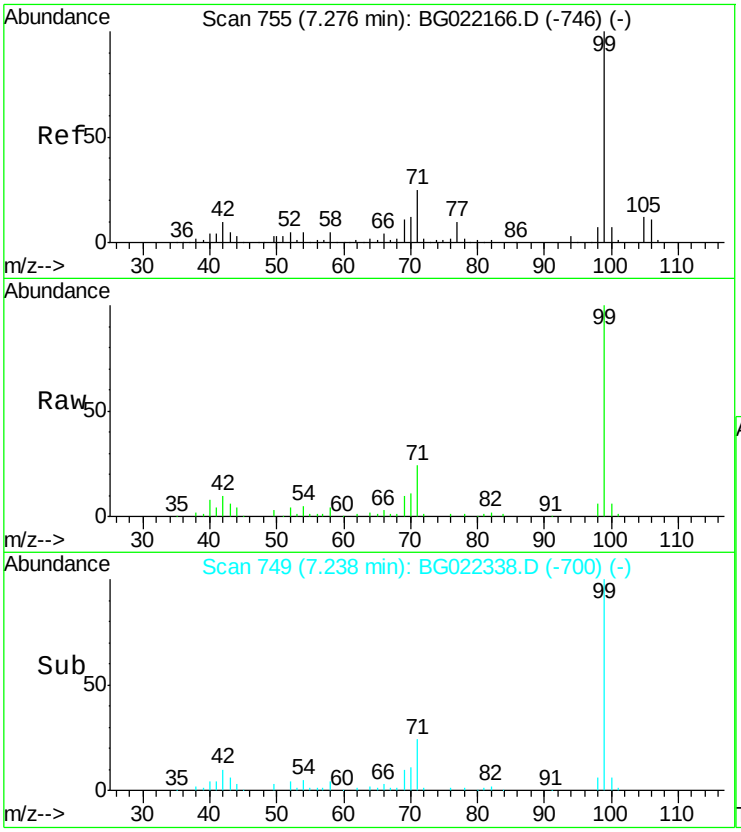


#5
2-Fluorophenol
Concen: 77.91 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Tgt Ion:112 Resp: 95284

Ion	Ratio	Lower	Upper
112	100		
64	49.0	51.1	76.7#
63	27.3	24.6	37.0



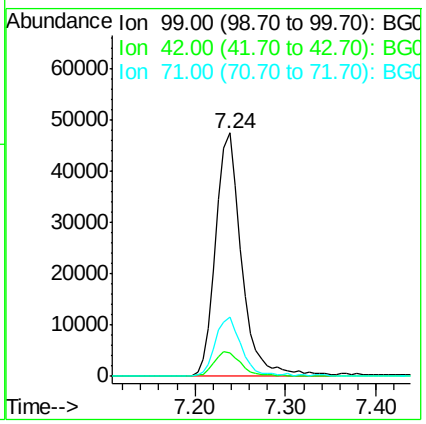


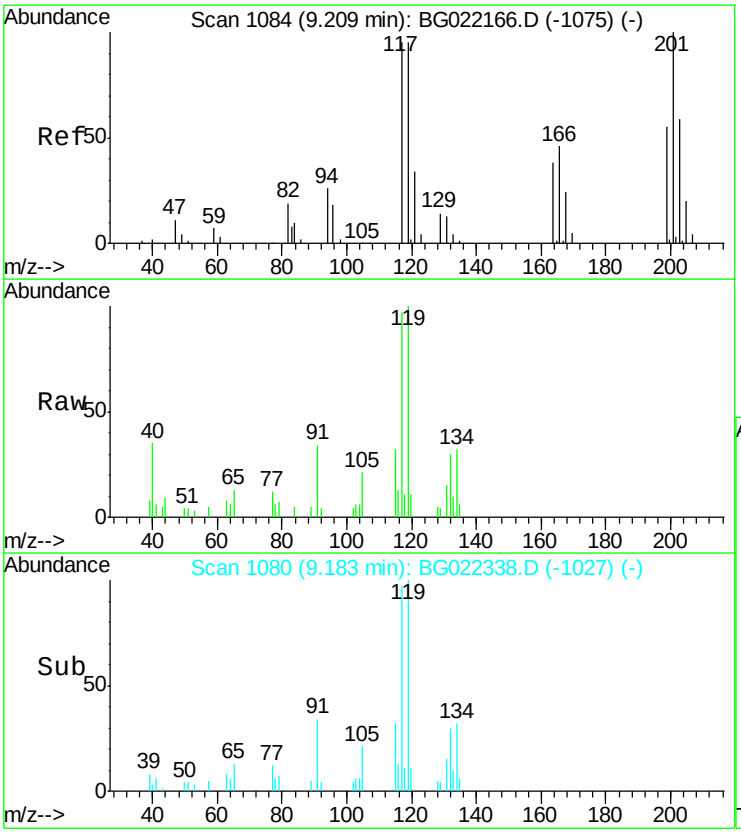
#7
Phenol-d6
Concen: 49.20 ng
RT: 7.24 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion: 99 Resp: 94608

Ion	Ratio	Lower	Upper
99	100		
42	9.8	16.4	24.6#
71	24.2	25.0	37.4#

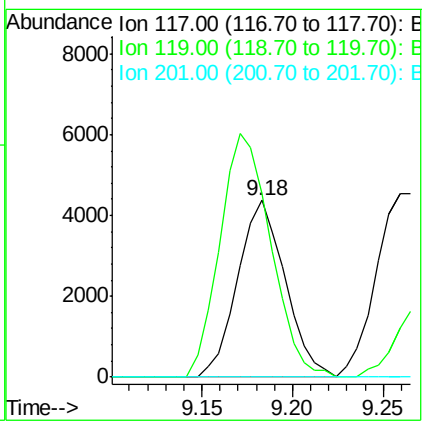


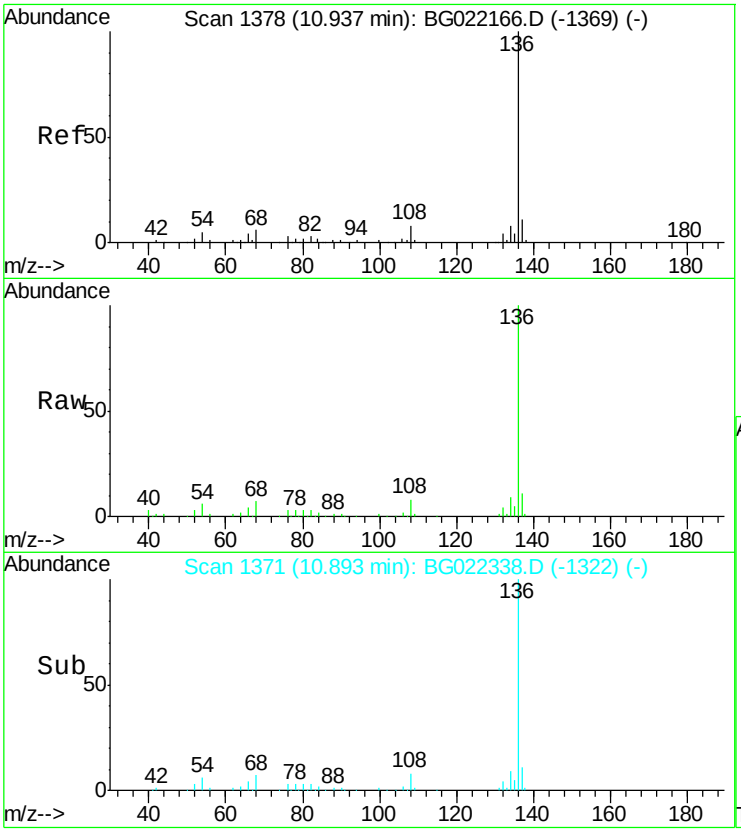


#18
Hexachloroethane
Concen: 12.04 ng
RT: 9.18 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Tgt Ion:117 Resp: 7940

Ion	Ratio	Lower	Upper
117	100		
119	103.5	63.9	95.9#
201	0.0	61.2	91.8#



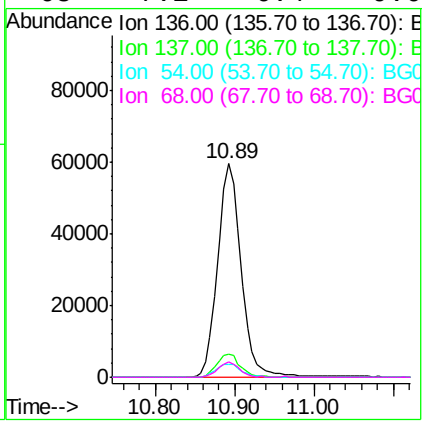


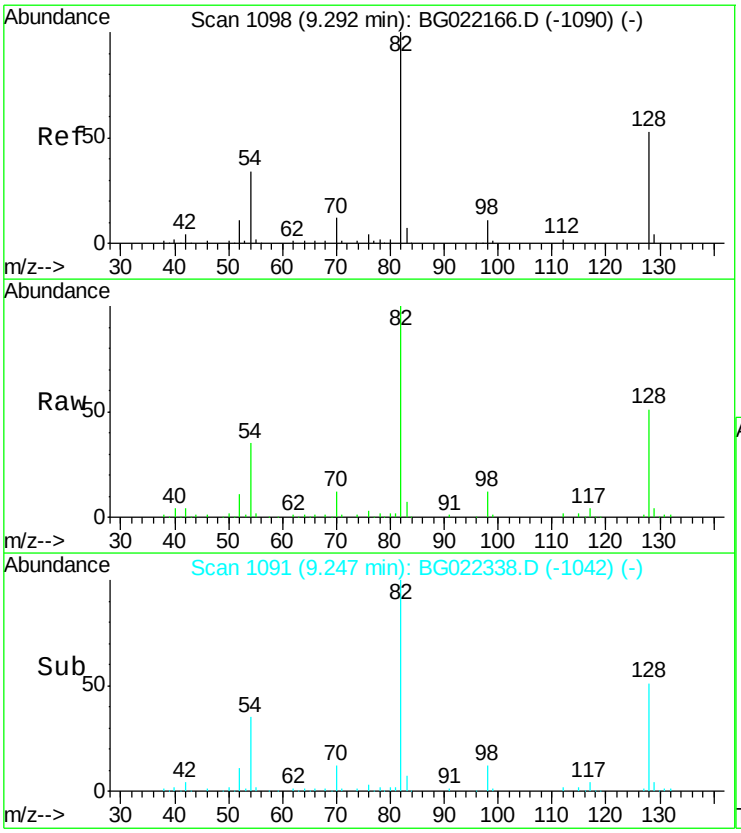
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:136 Resp: 122646

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.0	9.6	14.4#
68	7.1	6.4	9.6

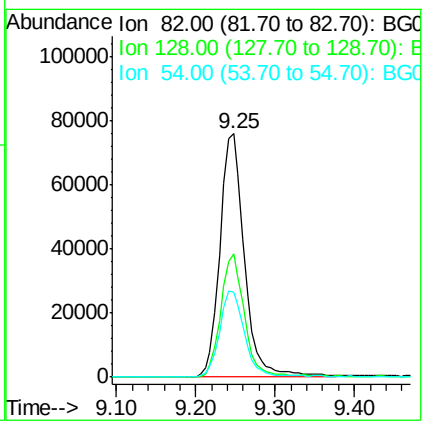


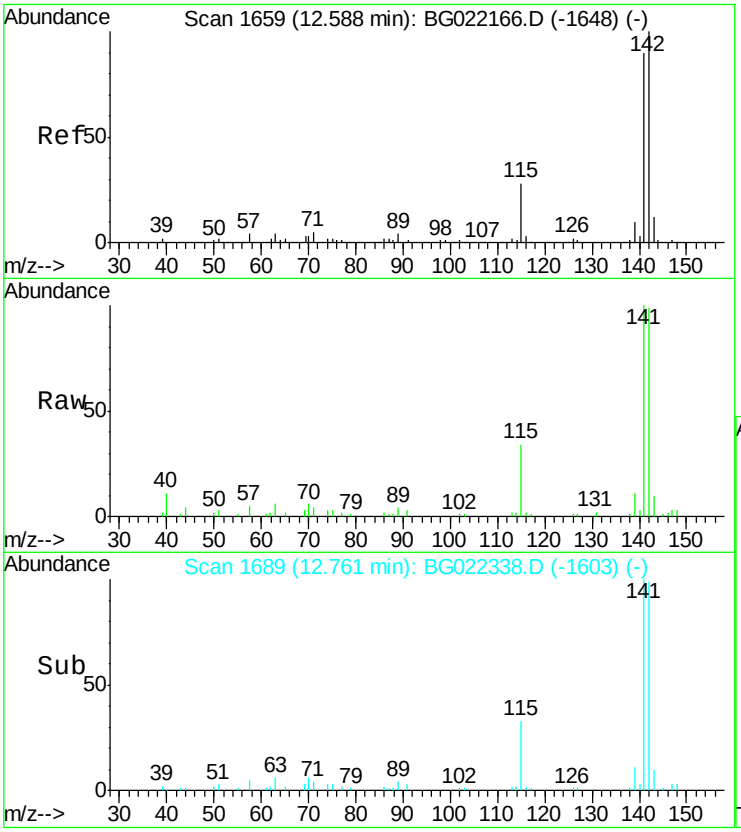


#23
Nitrobenzene-d5
Concen: 92.42 ng
RT: 9.25 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Tgt Ion: 82 Resp: 162592

Ion	Ratio	Lower	Upper
82	100		
128	50.5	33.4	50.0#
54	34.7	46.1	69.1#



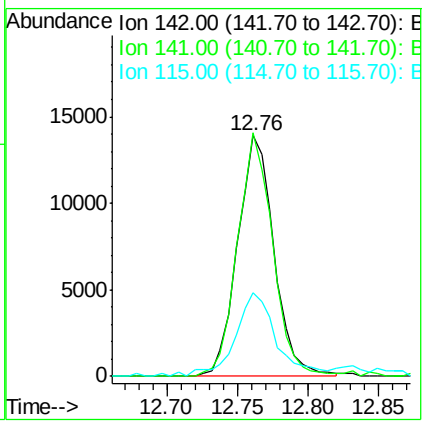


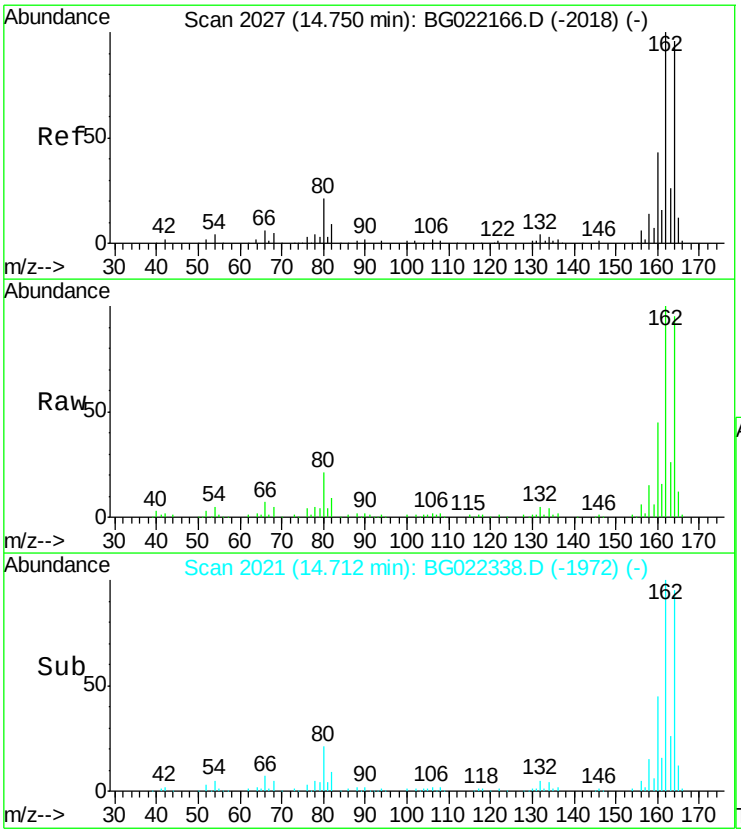
#37
2-Methylnaphthalene
Concen: 5.56 ng
RT: 12.76 min Scan# 1689
Delta R.T. 0.20 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:142 Resp: 25127

Ion	Ratio	Lower	Upper
142	100		
141	101.2	71.4	107.0
115	34.8	27.4	41.2

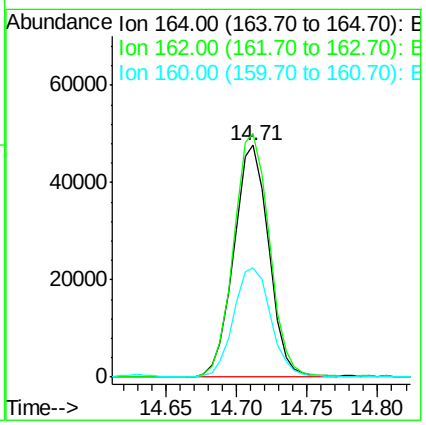


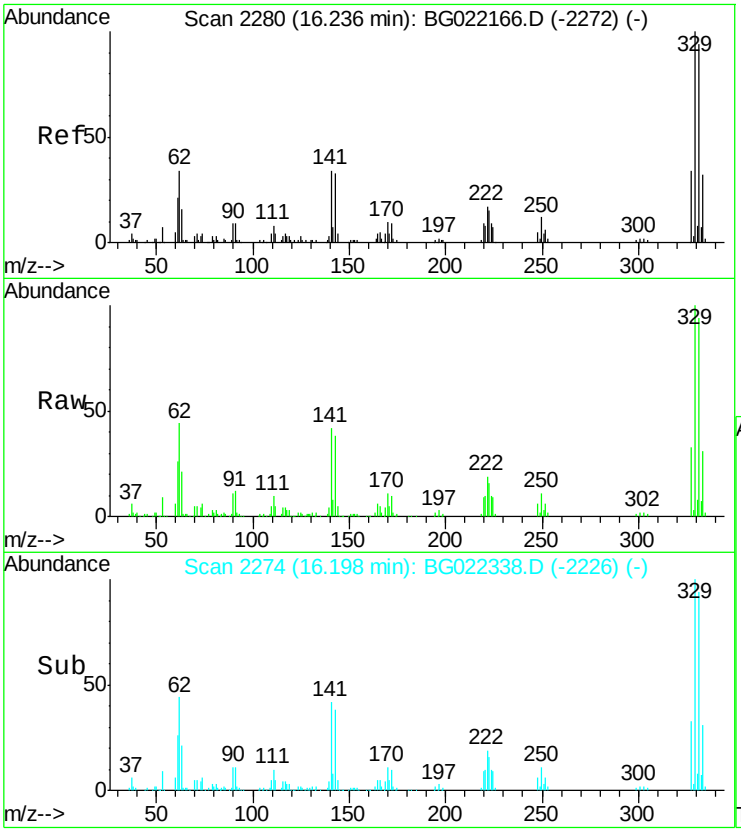


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Tgt Ion:164 Resp: 82673

Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.0	117.0
160	47.4	32.9	49.3



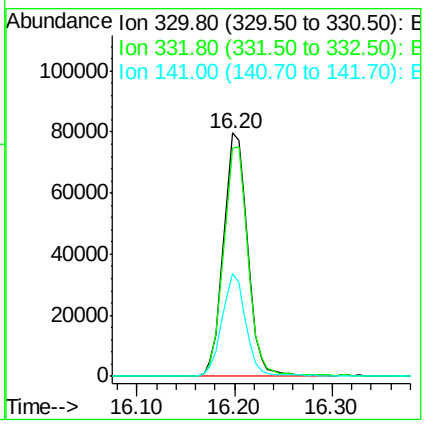


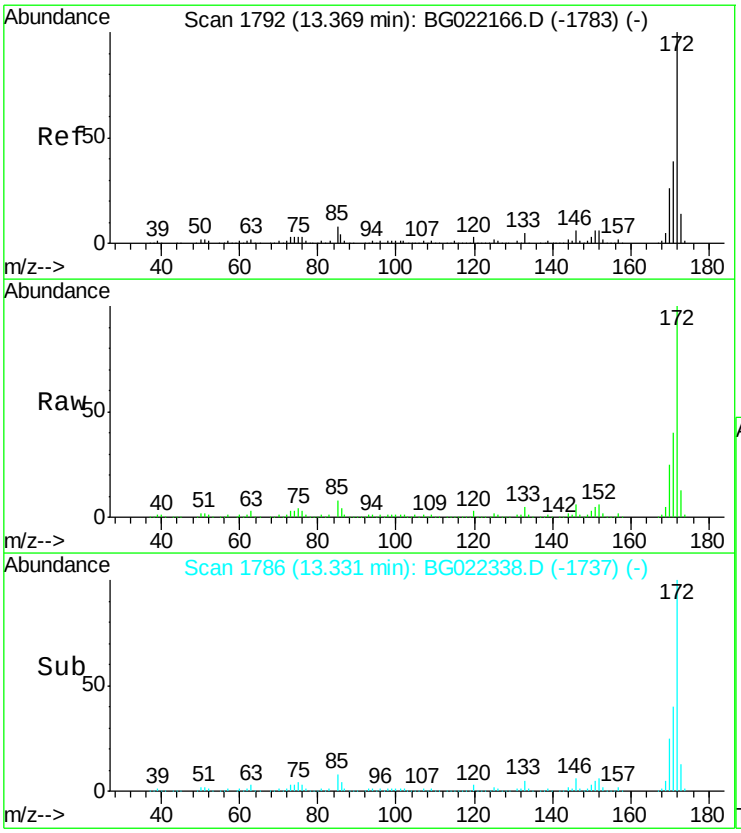
#41
2,4,6-Tribromophenol
Concen: 147.42 ng
RT: 16.20 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:330 Resp: 137715

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	41.9	33.8	50.8

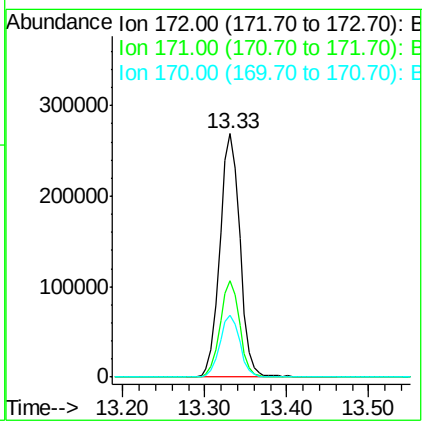


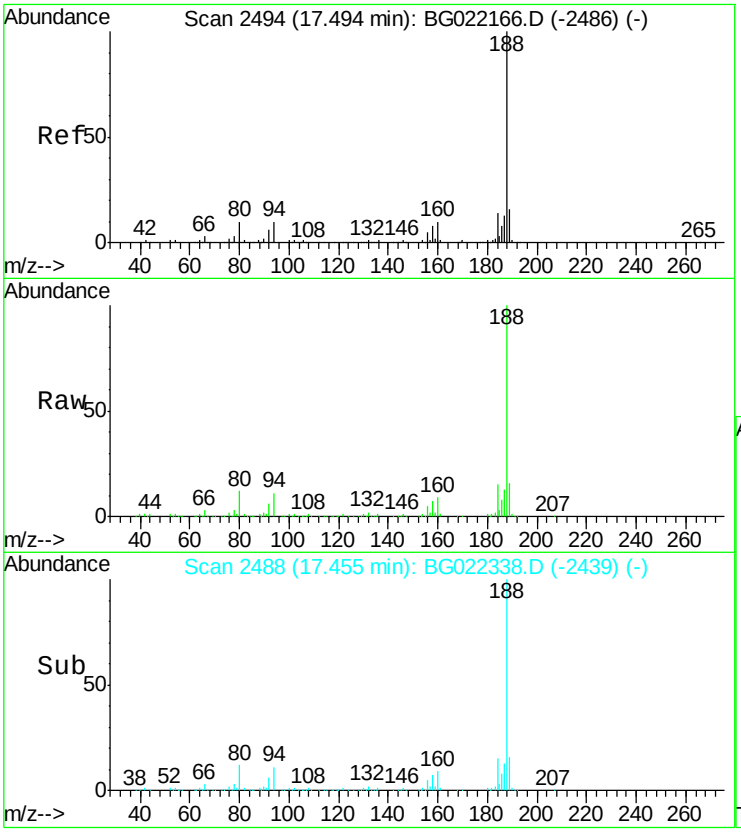


#44
2-Fluorobiphenyl
Concen: 84.62 ng
RT: 13.33 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Tgt Ion:172 Resp: 459034

Ion	Ratio	Lower	Upper
172	100		
171	39.8	27.8	41.6
170	25.5	19.6	29.4



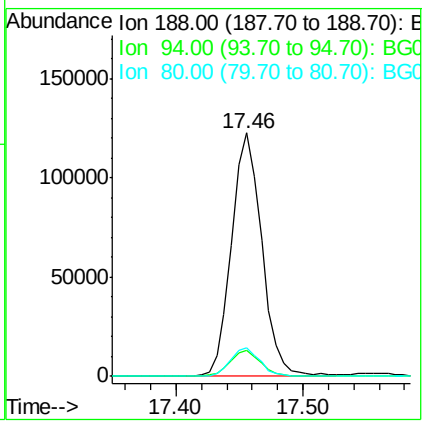


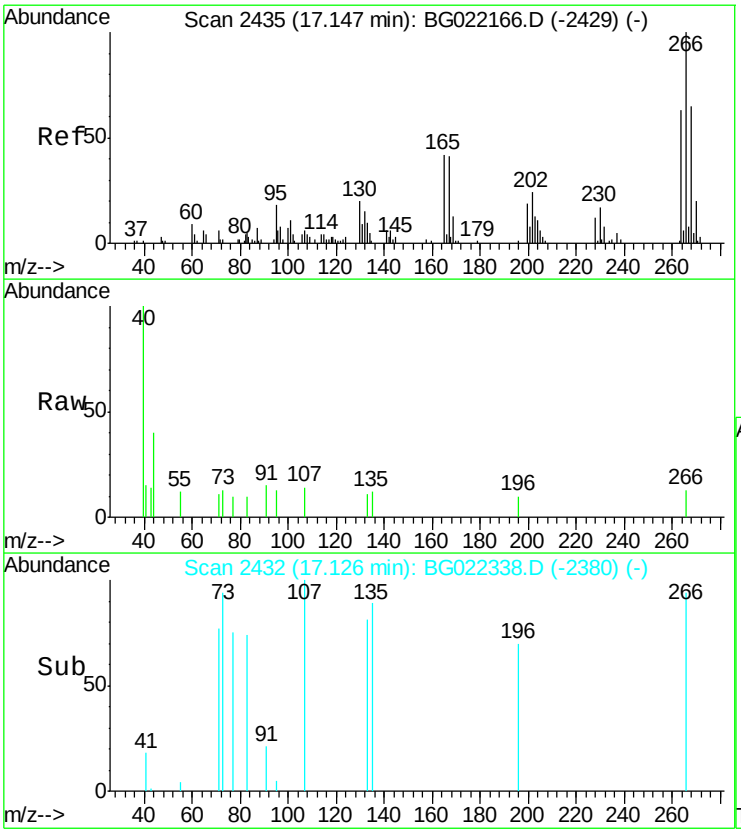
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.46 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:188 Resp: 202973

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.5	11.3
80	11.6	8.6	13.0

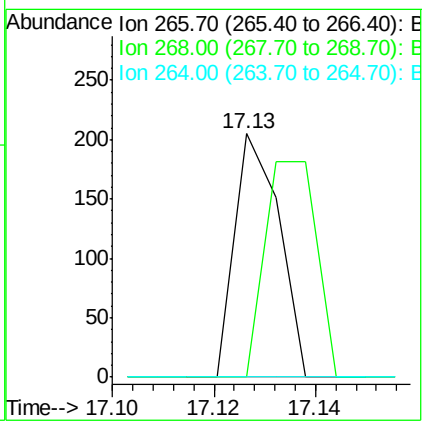


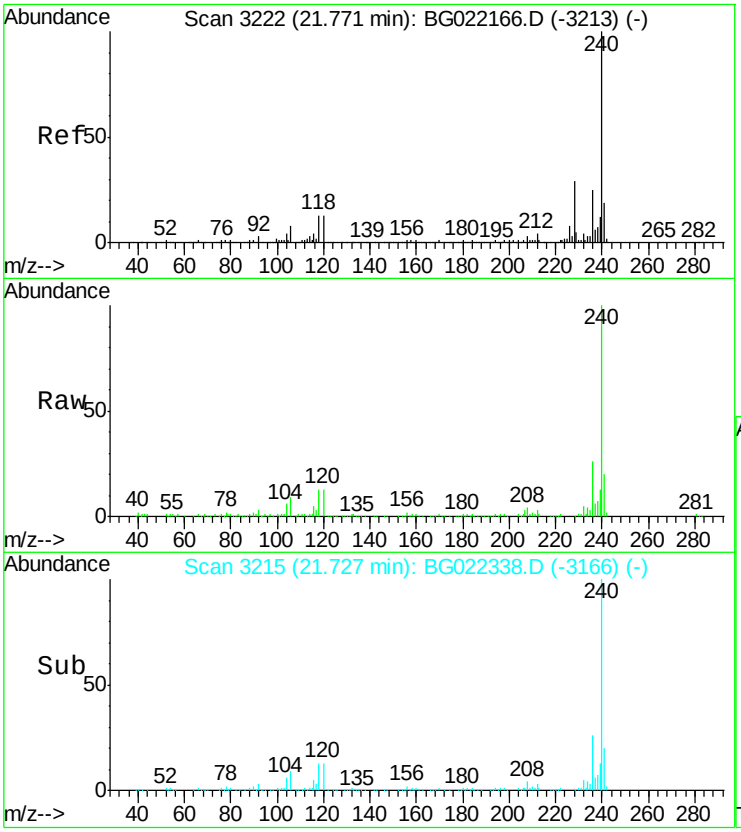


#69
Pentachlorophenol
Concen: 6.89 ng
RT: 17.13 min Scan# 2432
Delta R.T. 0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Tgt Ion:266 Resp: 126

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



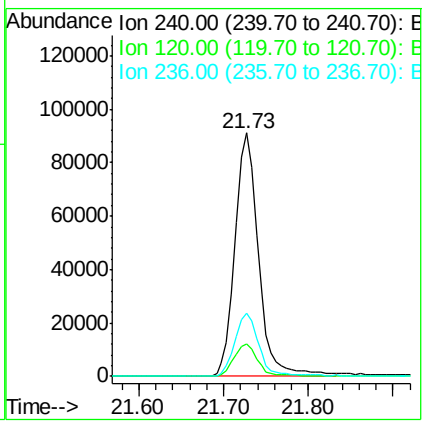


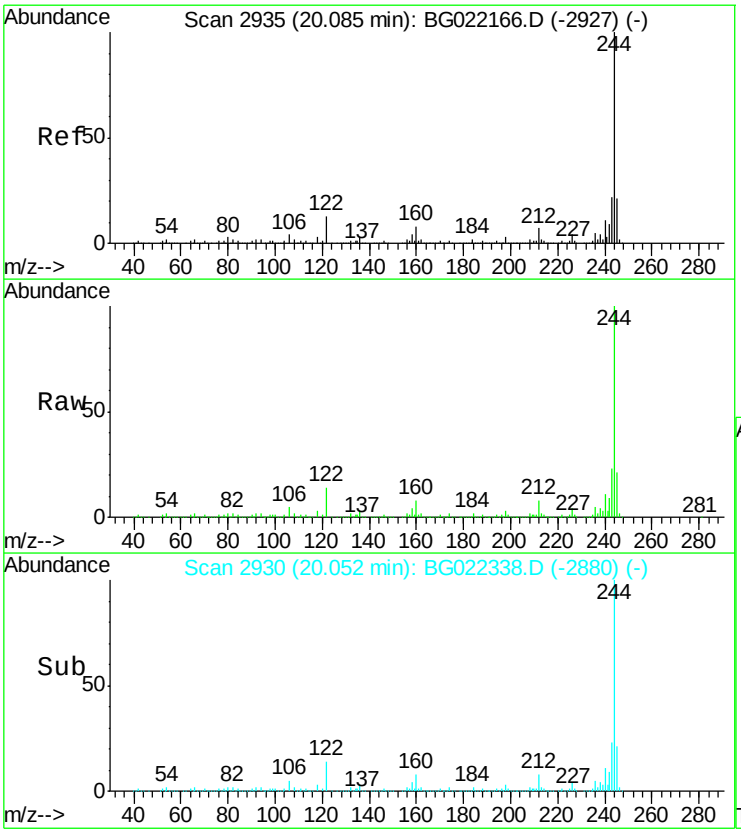
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.73 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:240 Resp: 174983

Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.4	12.6#
236	25.7	19.6	29.4

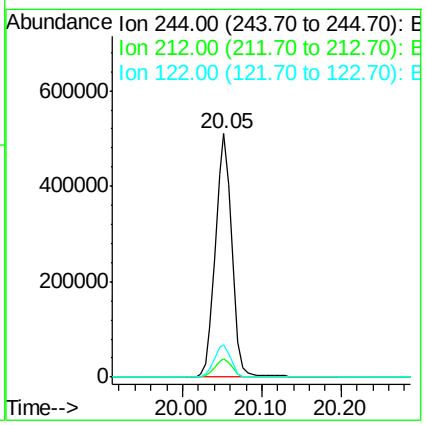


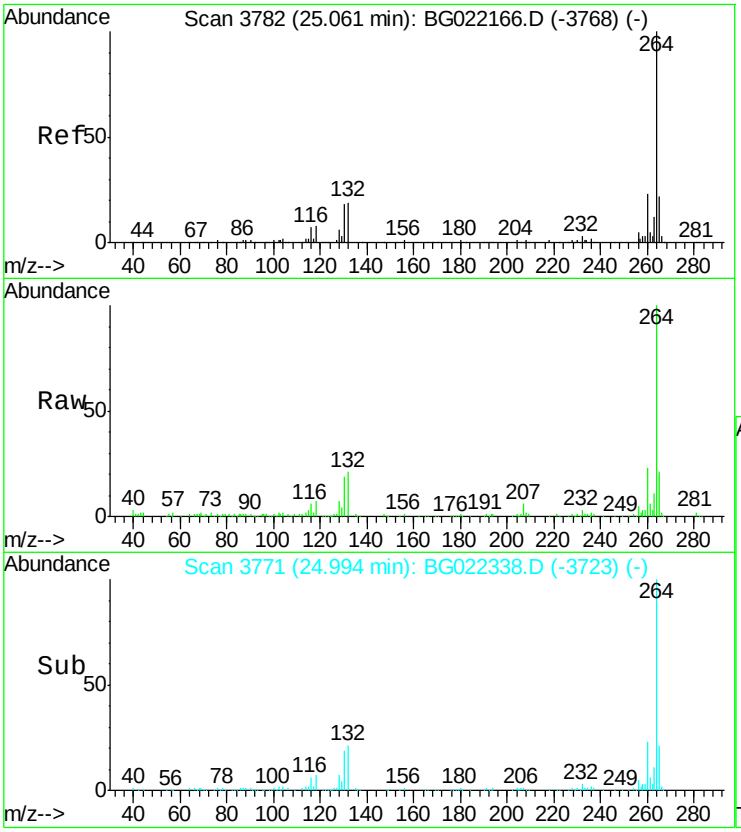


#78
Terphenyl-d14
Concen: 99.26 ng
RT: 20.05 min Scan# 2930
Delta R.T. -0.01 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Tgt Ion:244 Resp: 731606

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	13.5	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.99 min Scan# 3771
Delta R.T. -0.02 min
Lab File: BG022338.D
Acq: 14 Jun 2016 17:06

Instrument :
BNA_G
ClientSampleId :
W-39

Tgt Ion:264 Resp: 160092

Ion	Ratio	Lower	Upper
264	100		
260	23.0	20.2	30.4
265	20.8	17.8	26.8