Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
Data File : BG040858.D
Acq On : 10 May 2019 23:13
Operator : HP/JU
Sample : K2727-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWS-3RE

Quant Time: May 13 03:56:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	42375	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	165400	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	123049	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	325612	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	354165	20.00	ng	-0.04
87) Perylene-d12	25.14	264	365831	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	9.31	82	353235	98.68	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	2033m	1.20	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	845043	99.18	ng	-0.03
79) Terphenyl-d14	20.10	244	1739780	108.83	ng	-0.03
Target Compounds						Qvalue

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

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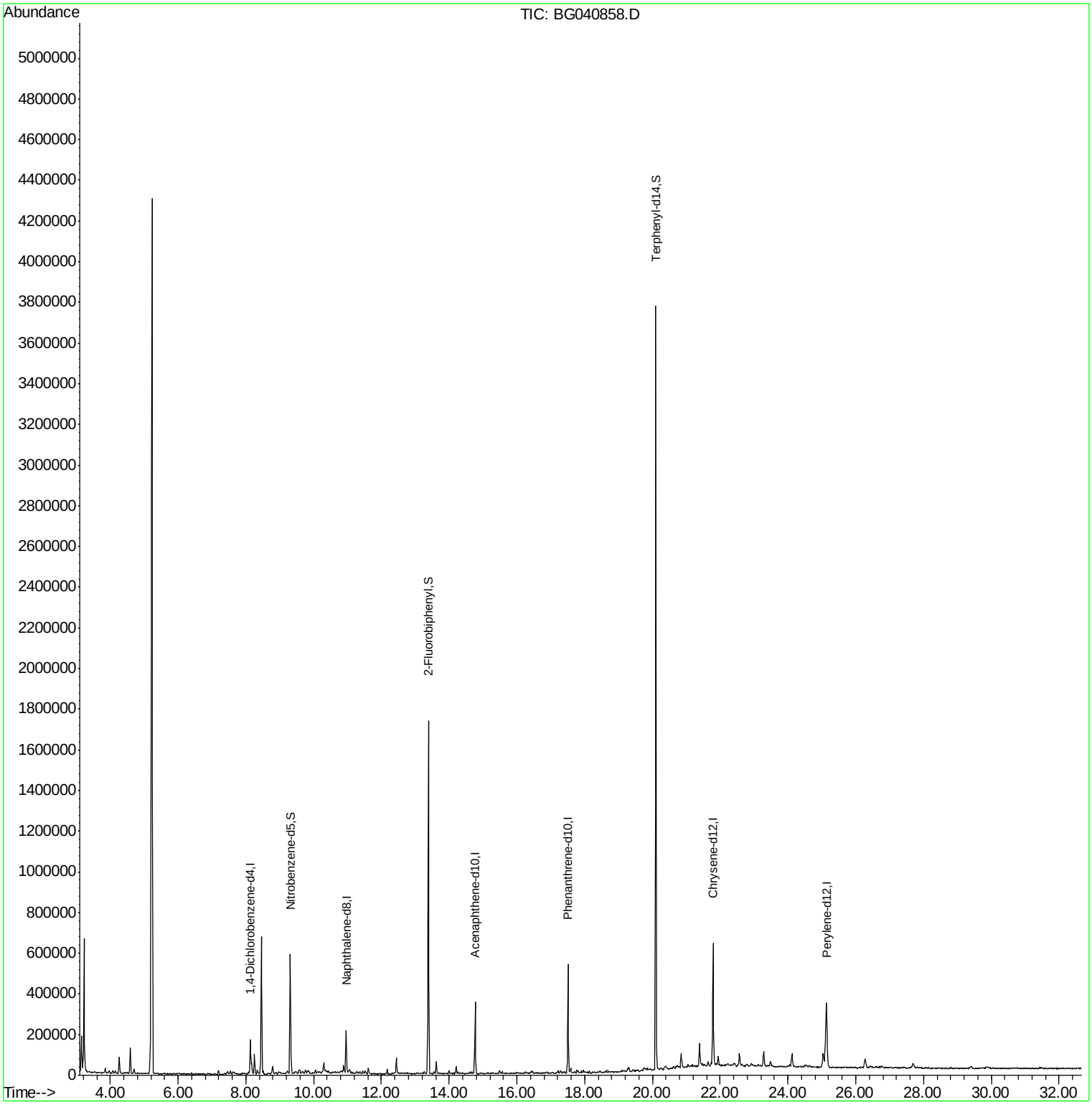
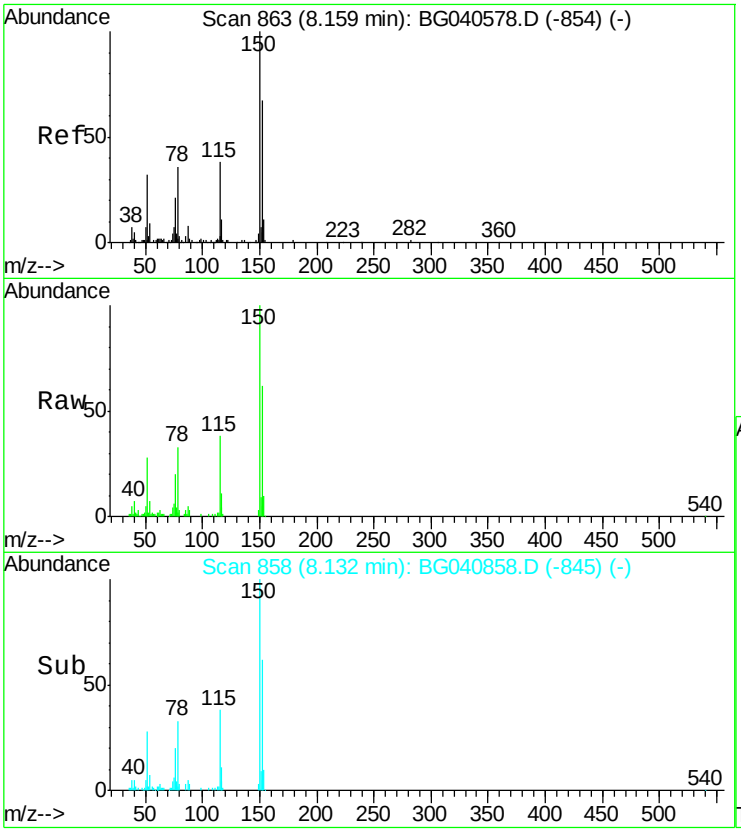


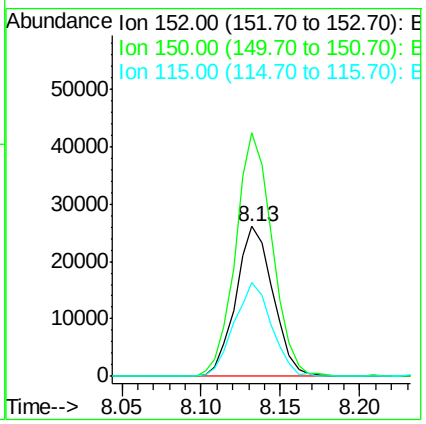


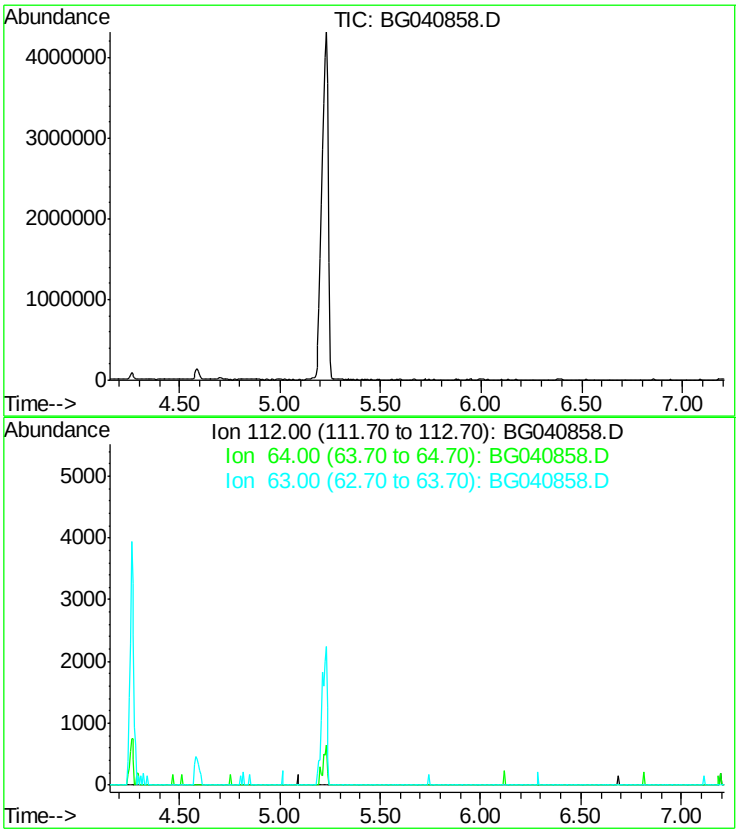
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040858.D
Acq: 10 May 2019 23:13

Instrument :
BNA_G
ClientSampleId :
OWS-3RE

Tgt Ion:152 Resp: 42375

Ion	Ratio	Lower	Upper
152	100		
150	162.4	120.2	180.2
115	62.4	46.2	69.2



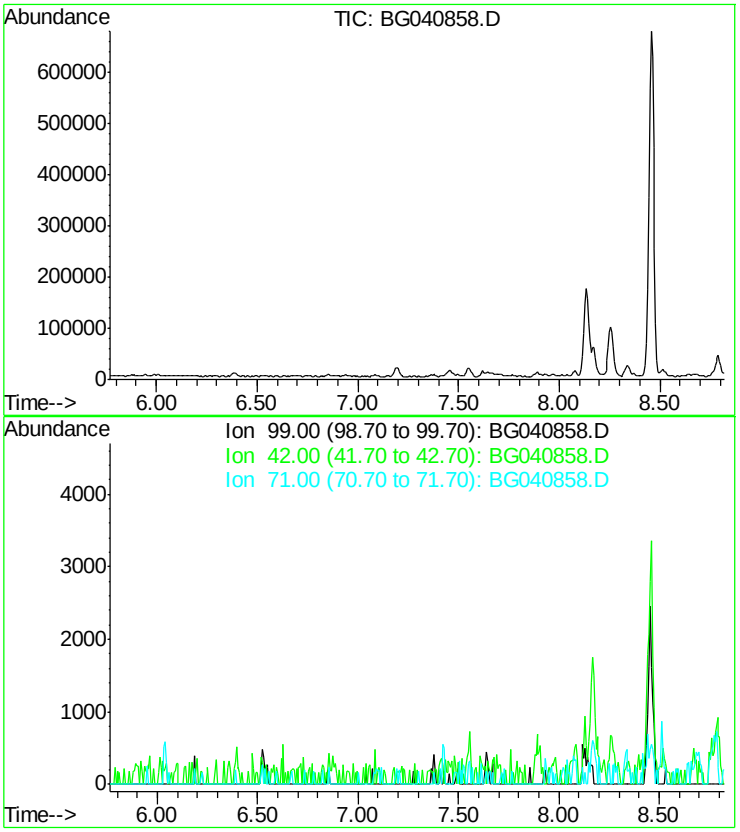


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.68 min

Lab File: BG040858.D
Acq: 10 May 2019 23:13

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	76.7
63	47.2



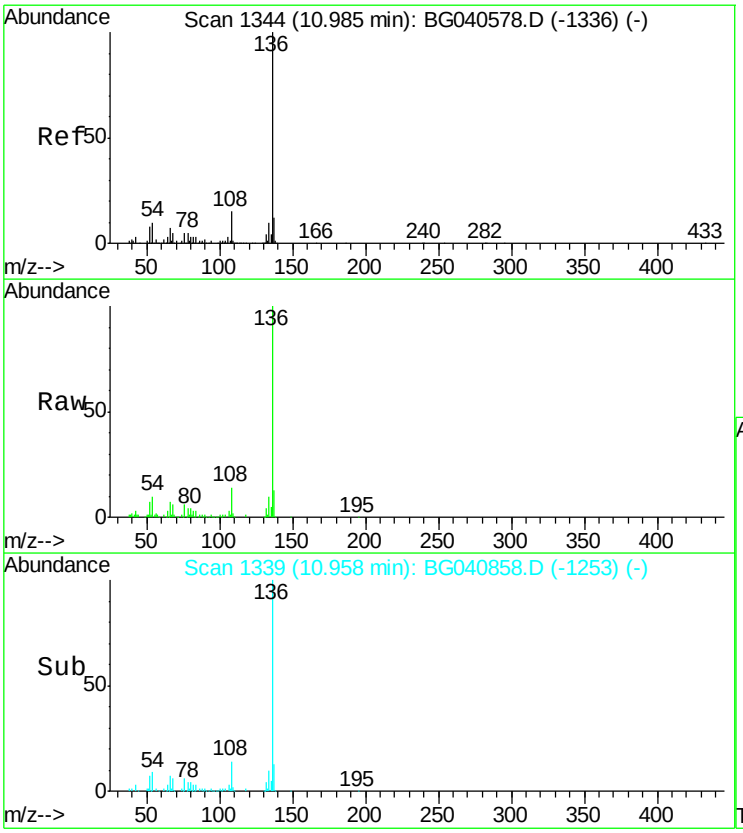
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.29 min

Lab File: BG040858.D
Acq: 10 May 2019 23:13

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	27.3
71	48.2

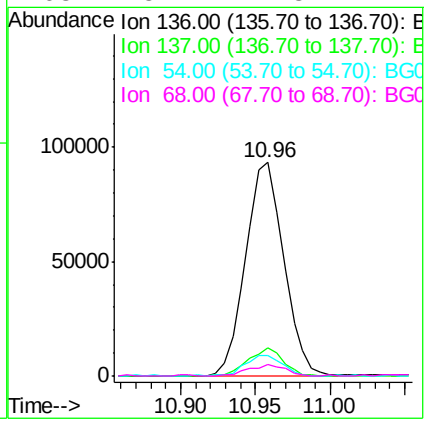
Instrument :
BNA_G
ClientSampleId :
OWS-3RE

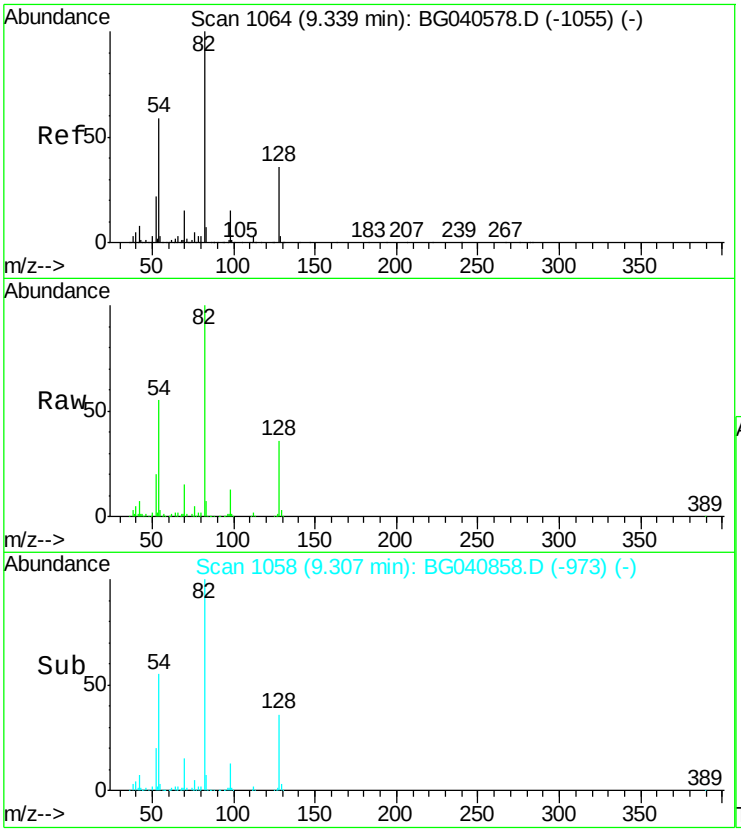


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040858.D
Acq: 10 May 2019 23:13

Tgt Ion:136 Resp: 165400

Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.7	14.5
54	9.5	8.6	12.8
68	5.7	4.8	7.2



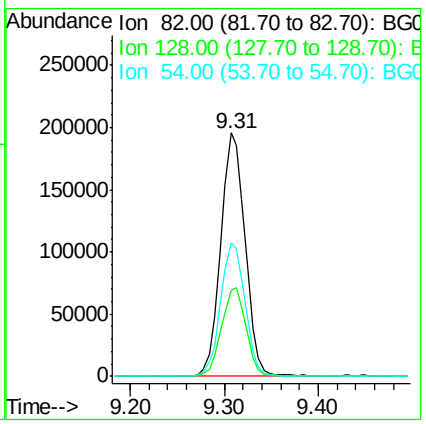


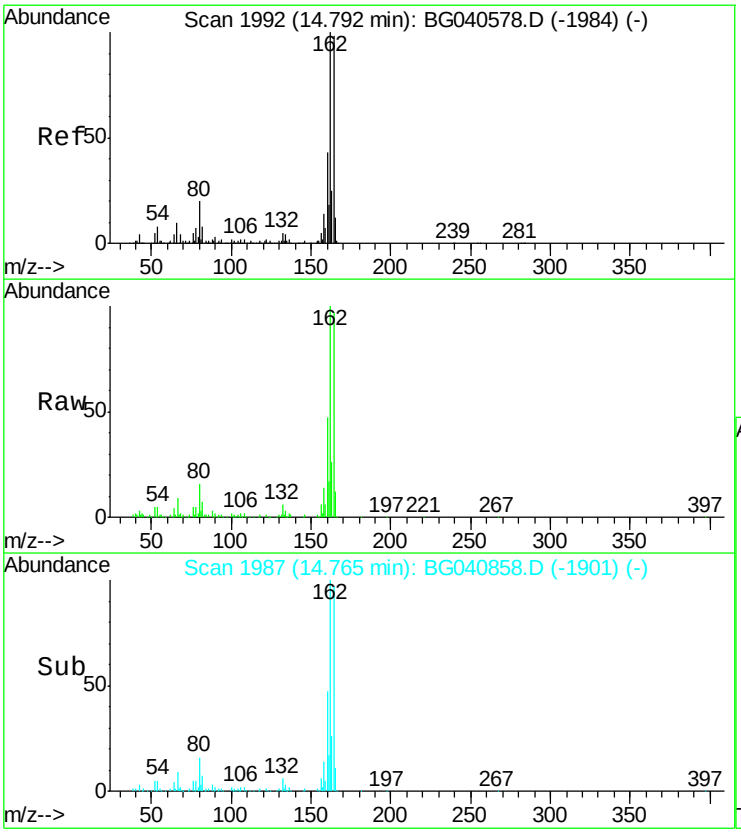
#23
Nitrobenzene-d5
Concen: 98.680 ng
RT: 9.31 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BG040858.D
Acq: 10 May 2019 23:13

Instrument :
BNA_G
ClientSampleId :
OWS-3RE

Tgt Ion: 82 Resp: 353235

Ion	Ratio	Lower	Upper
82	100		
128	35.5	28.9	43.3
54	55.0	47.2	70.8

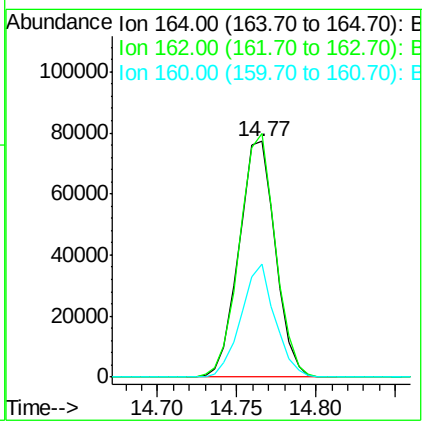


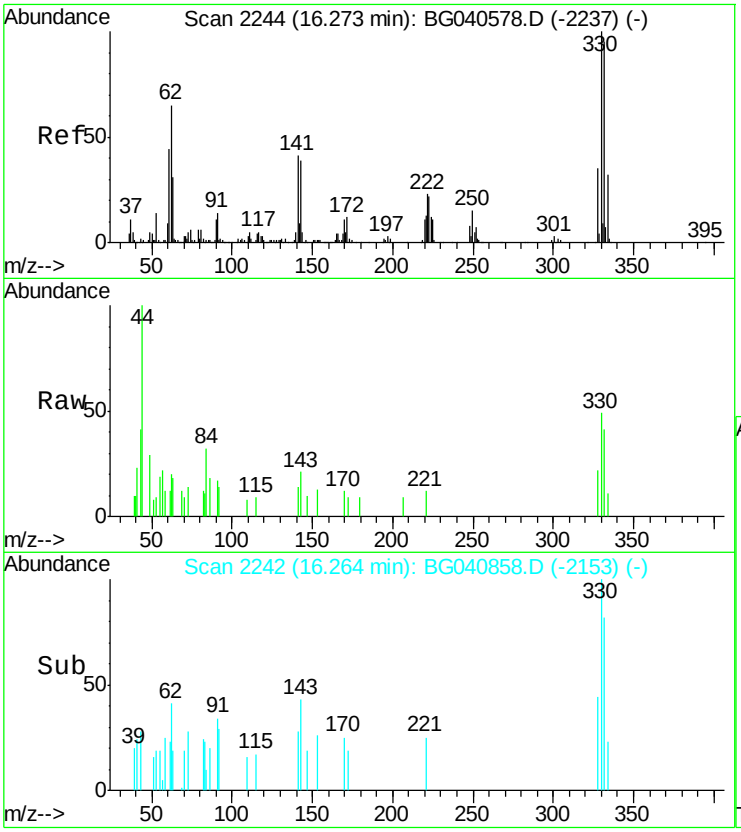


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040858.D
Acq: 10 May 2019 23:13

Tgt Ion:164 Resp: 123049

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.9	122.9
160	48.2	35.4	53.2



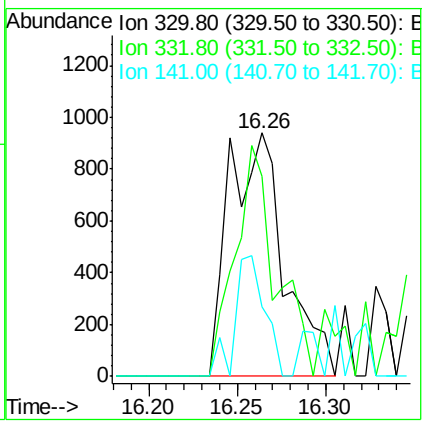


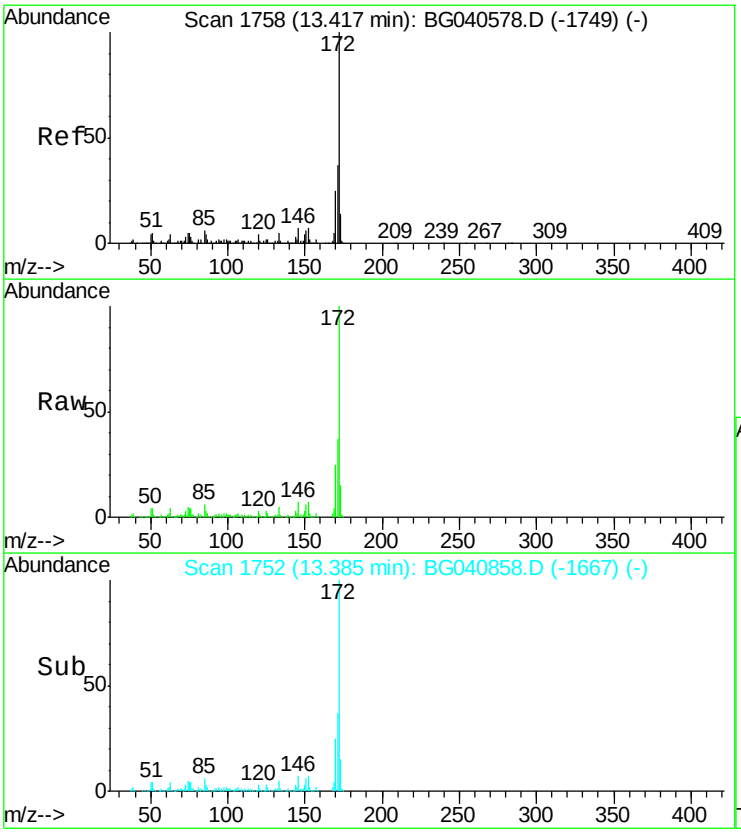
#42
2,4,6-Tribromophenol
Concen: 1.202 ng m
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040858.D
Acq: 10 May 2019 23:13

Instrument :
BNA_G
ClientSampleId :
OWS-3RE

Tgt Ion:330 Resp: 2033

Ion	Ratio	Lower	Upper
330	100		
332	0.0	75.9	113.9#
141	0.0	32.4	48.6#

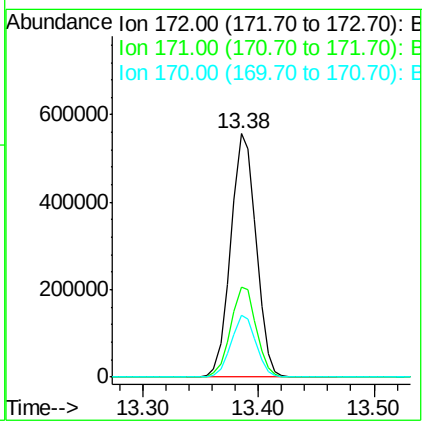


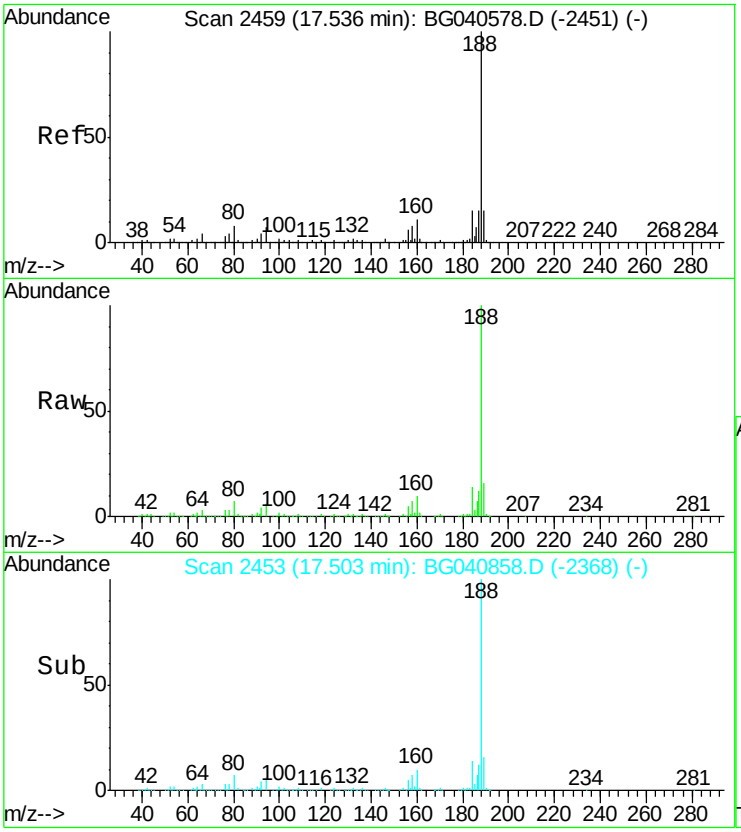


#45
2-Fluorobiphenyl
Concen: 99.181 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BG040858.D
Acq: 10 May 2019 23:13

Tgt Ion:172 Resp: 845043

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.2
170	25.3	19.9	29.9



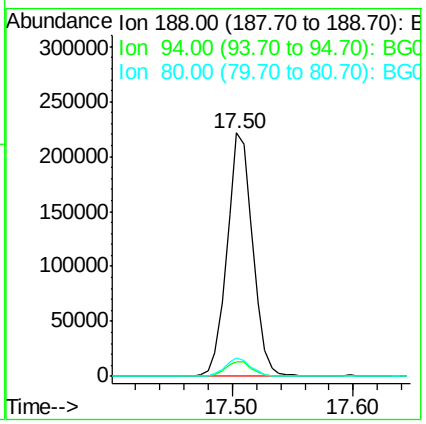


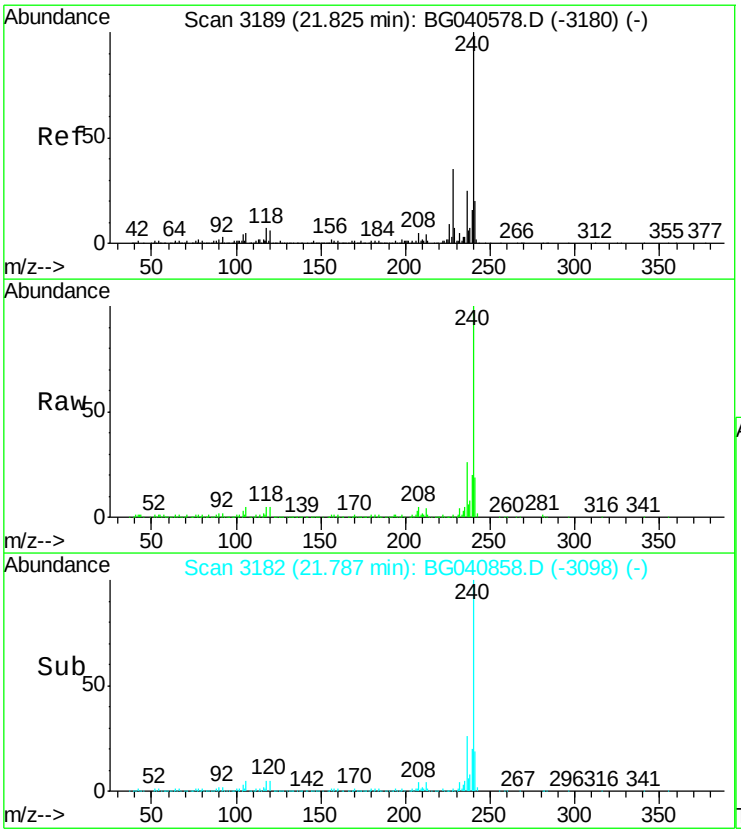
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BG040858.D
Acq: 10 May 2019 23:13

Instrument :
BNA_G
ClientSampleId :
OWS-3RE

Tgt Ion:188 Resp: 325612

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.6	8.4
80	7.4	6.4	9.6

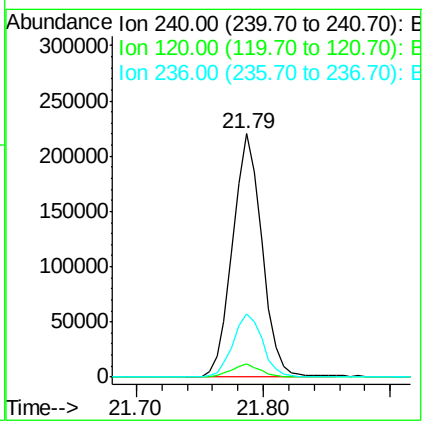


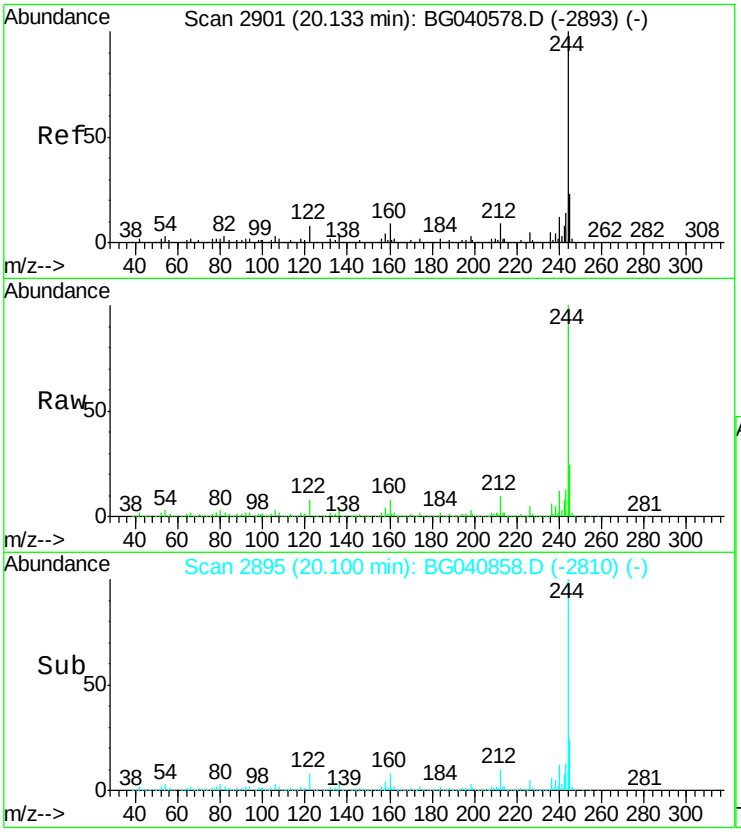


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040858.D
Acq: 10 May 2019 23:13

Tgt Ion:240 Resp: 354165

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.0	7.6
236	25.7	20.3	30.5



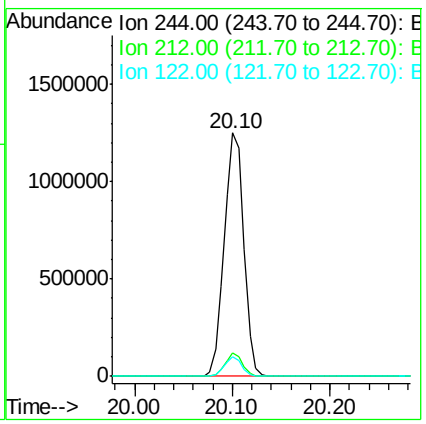


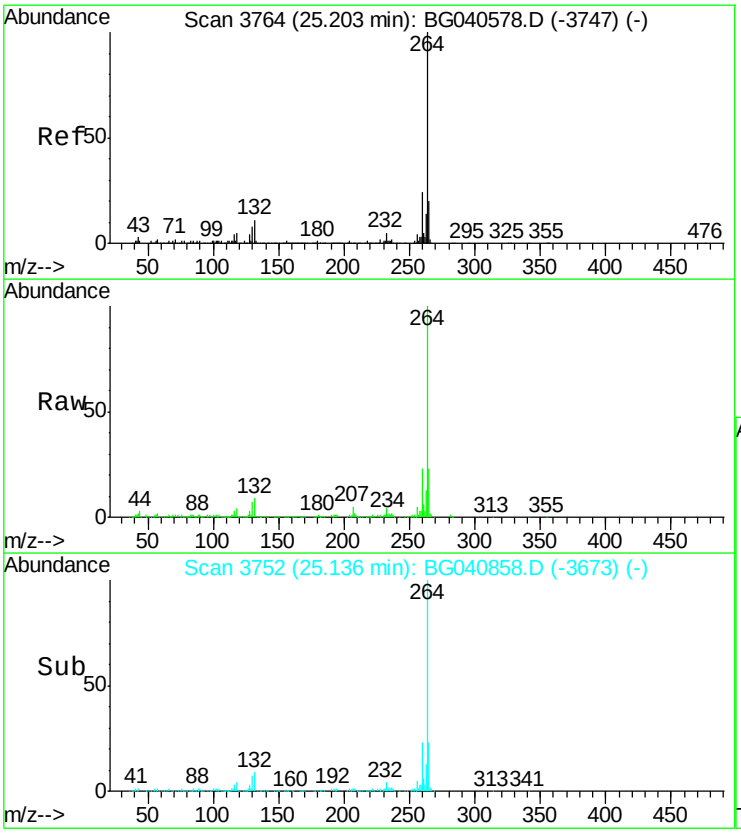
#79
Terphenyl-d14
Concen: 108.829 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: BG040858.D
Acq: 10 May 2019 23:13

Instrument :
BNA_G
ClientSampleId :
OWS-3RE

Tgt Ion:244 Resp: 1739780

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.2	10.8
122	8.0	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3752
Delta R.T. -0.07 min
Lab File: BG040858.D
Acq: 10 May 2019 23:13

Tgt Ion:264 Resp: 365831

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.8	16.6	25.0