Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062719\
Data File : BG041482.D
Acq On : 27 Jun 2019 9:18
Operator : HP/JU
Sample : K3484-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WASTE-SLUDGE

Quant Time: Jul 03 04:49:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 06:49:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28165	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	111989	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	84437	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	212335	20.00	ng	0.00
76) Chrysene-d12	21.70	240	225507	20.00	ng	0.00
87) Perylene-d12	24.98	264	251362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.20	99	277	0.12	ng	0.02
23) Nitrobenzene-d5	9.21	82	103965	38.72	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	199	0.14	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	244067	37.09	ng	0.00
79) Terphenyl-d14	20.02	244	400875	37.78	ng	0.00
Target Compounds						Qvalue

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

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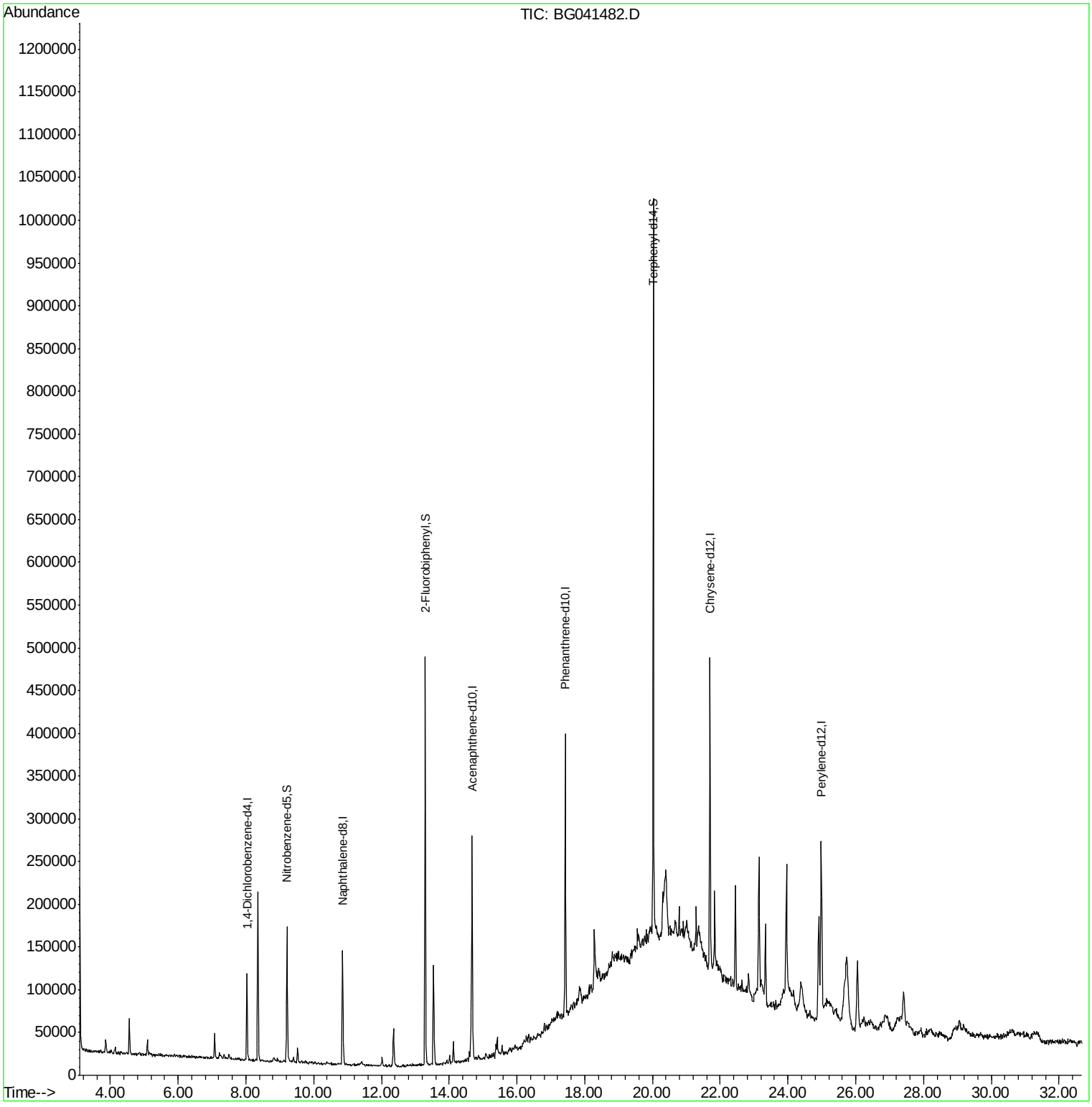
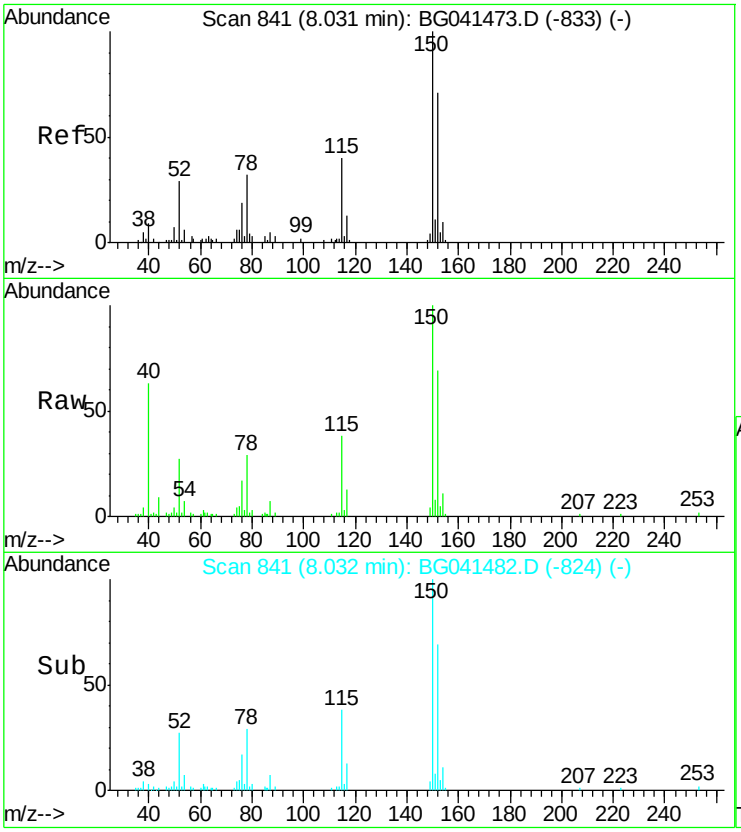


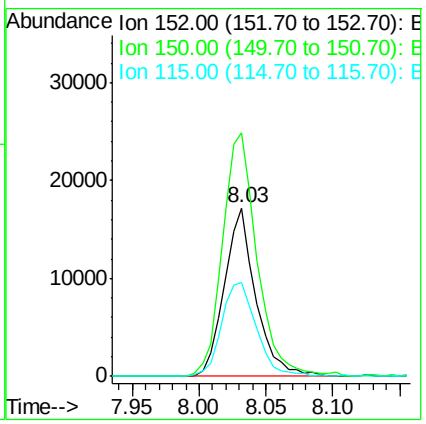


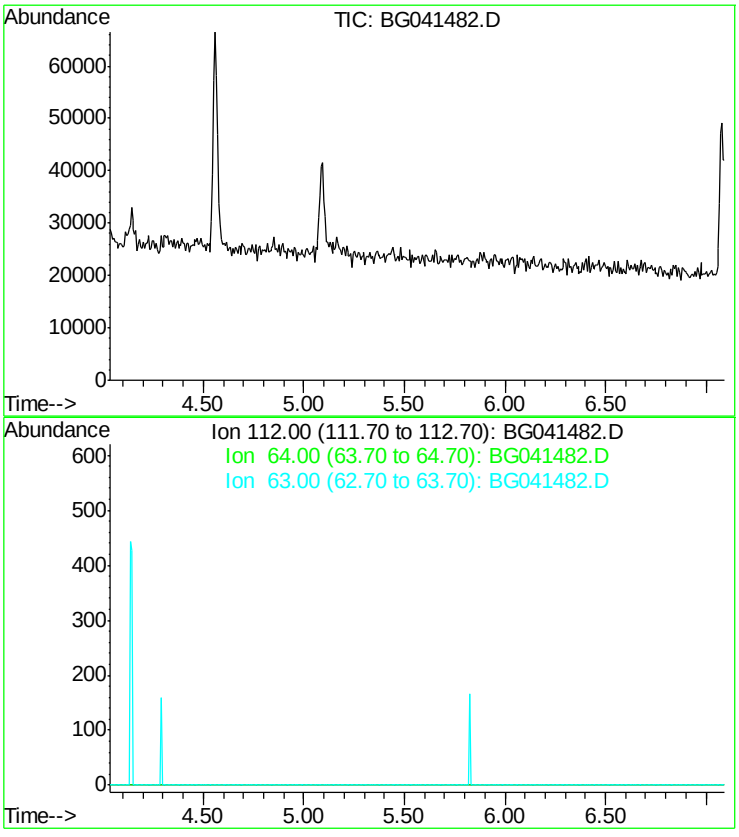
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Instrument :
BNA_G
ClientSampleId :
WASTE-SLUDGE

Tgt Ion:152 Resp: 28165

Ion	Ratio	Lower	Upper
152	100		
150	144.7	112.4	168.6
115	55.4	44.6	66.8



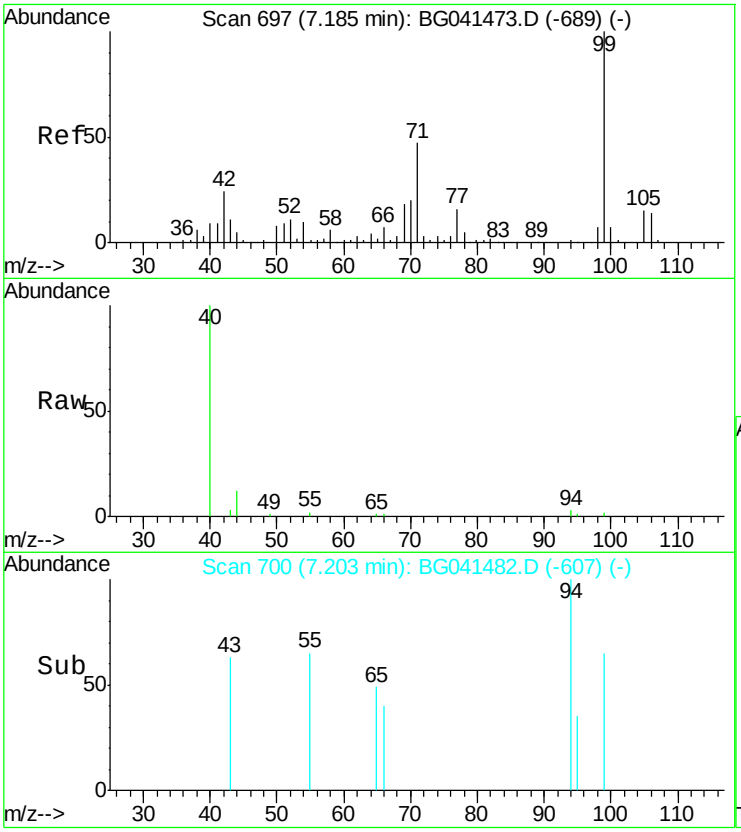


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.56 min

Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	68.9
63	40.5

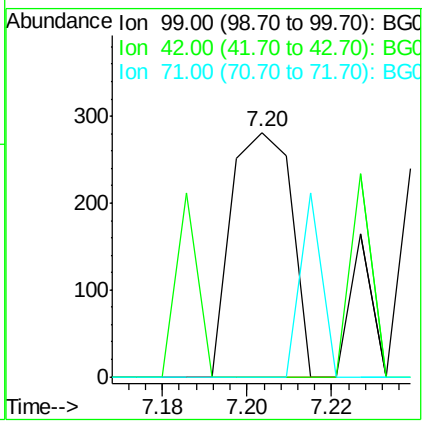


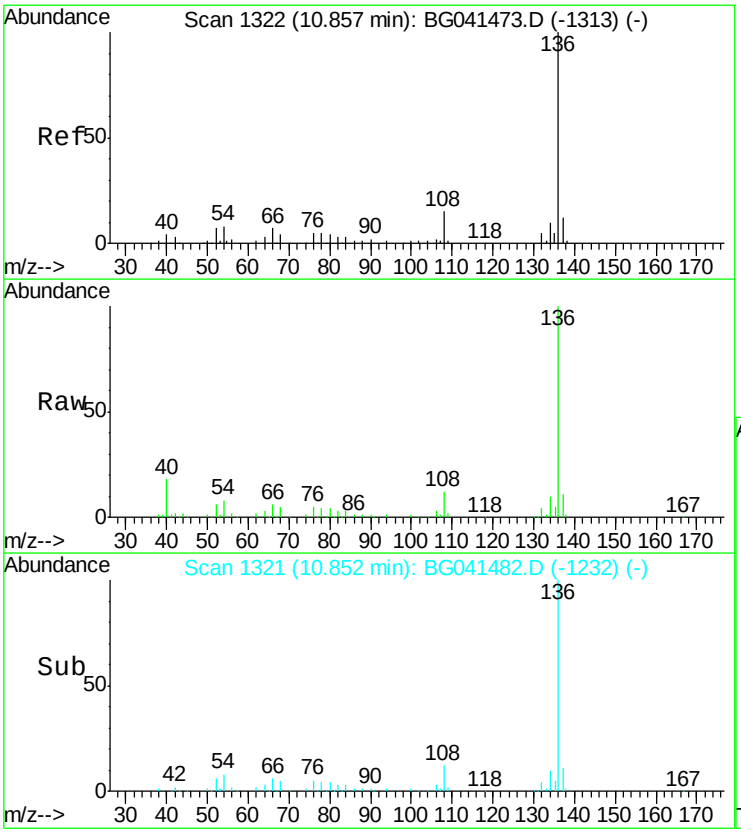
#7
Phenol-d6
Concen: 0.125 ng
RT: 7.20 min Scan# 700
Delta R.T. 0.02 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Instrument :
BNA_G
ClientSampleId :
WASTE-SLUDGE

Tgt Ion: 99 Resp: 277

Ion	Ratio	Lower	Upper
99	100		
42	0.0	19.0	28.6#
71	0.0	37.4	56.2#

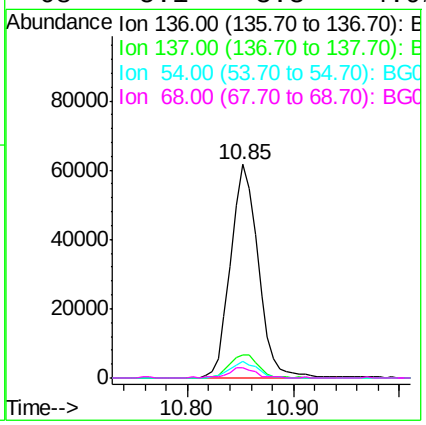


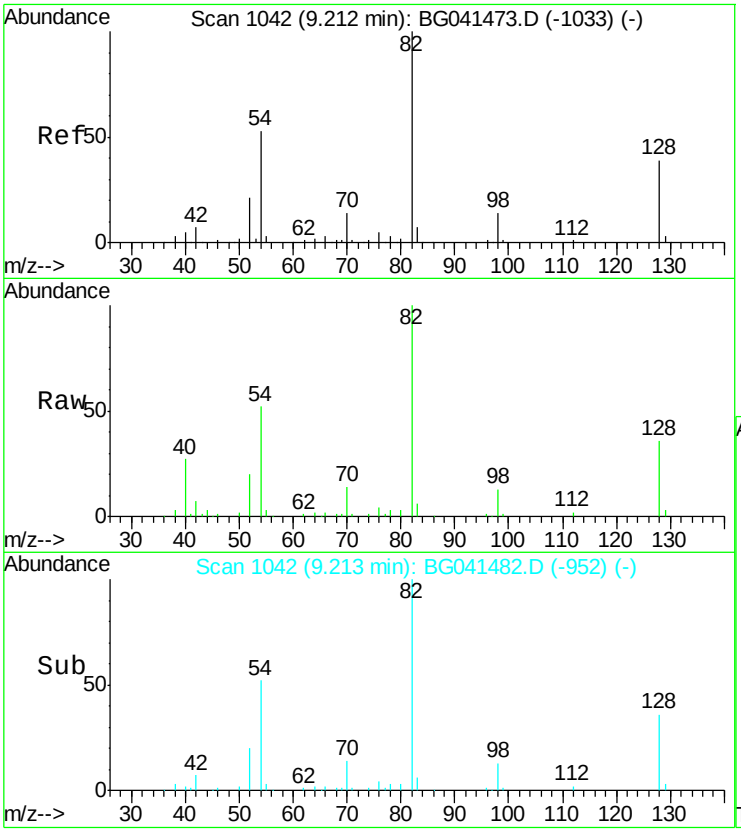


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Tgt Ion:136 Resp: 111989

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	7.8	7.1	10.7
68	5.1	3.3	4.9#



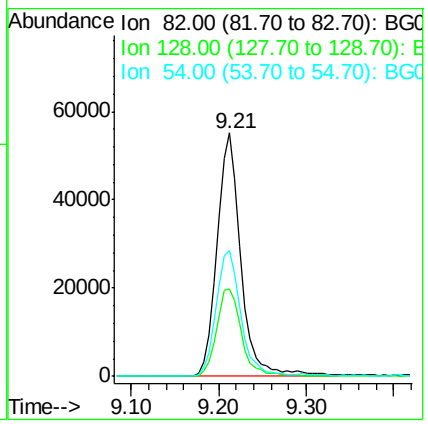


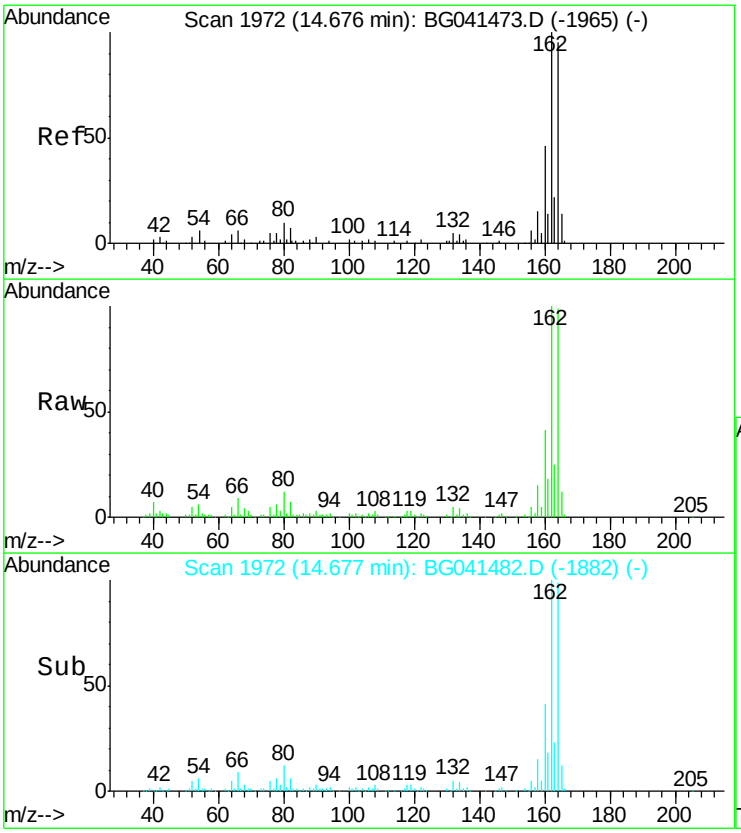
#23
Nitrobenzene-d5
Concen: 38.719 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Instrument :
BNA_G
ClientSampleId :
WASTE-SLUDGE

Tgt Ion: 82 Resp: 103965

Ion	Ratio	Lower	Upper
82	100		
128	35.7	30.9	46.3
54	51.9	42.2	63.2

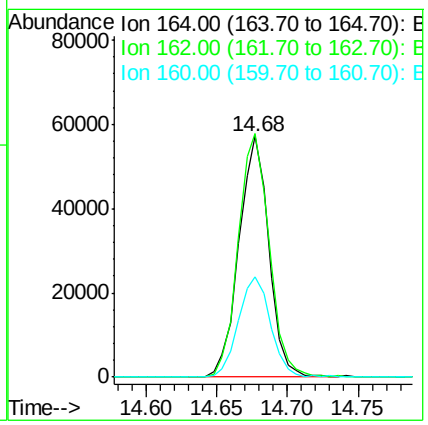


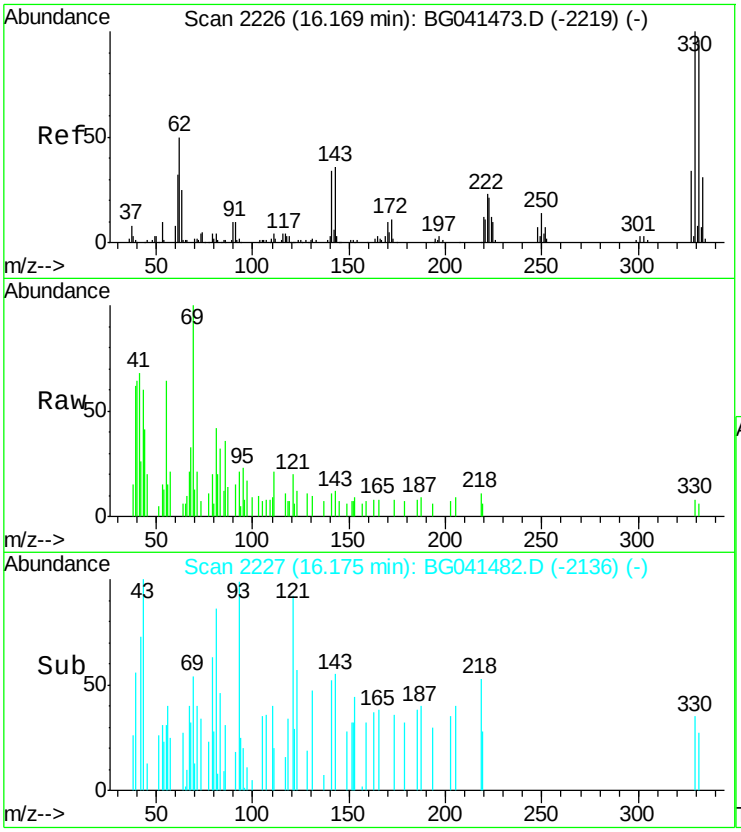


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Tgt Ion:164 Resp: 84437

Ion	Ratio	Lower	Upper
164	100		
162	101.1	84.4	126.6
160	41.5	38.8	58.2



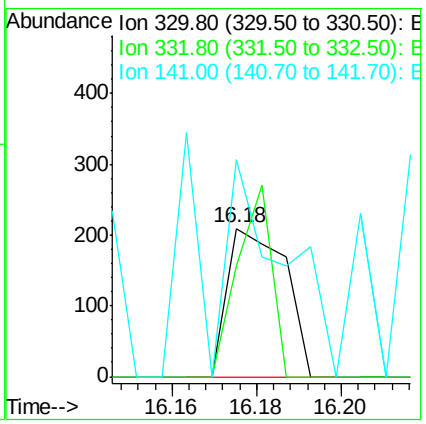


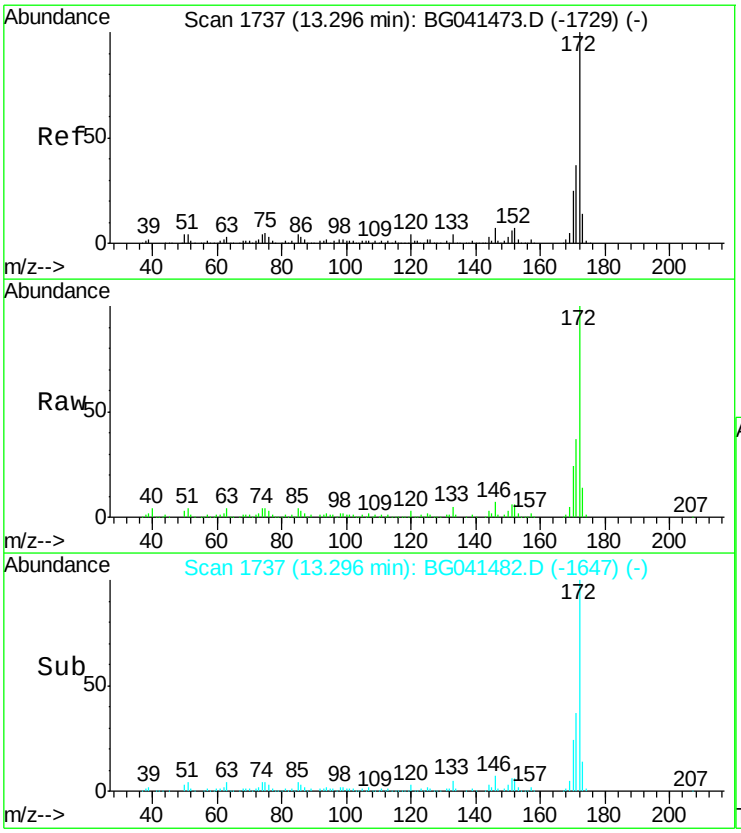
#42
2,4,6-Tribromophenol
Concen: 0.138 ng
RT: 16.18 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Instrument :
BNA_G
ClientSampleId :
WASTE-SLUDGE

Tgt Ion:330 Resp: 199

Ion	Ratio	Lower	Upper
330	100		
332	75.4	75.5	113.3#
141	144.2	27.8	41.6#

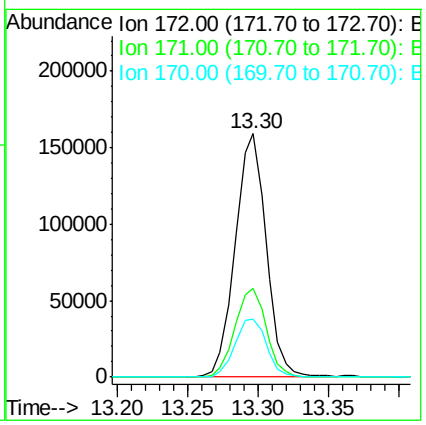


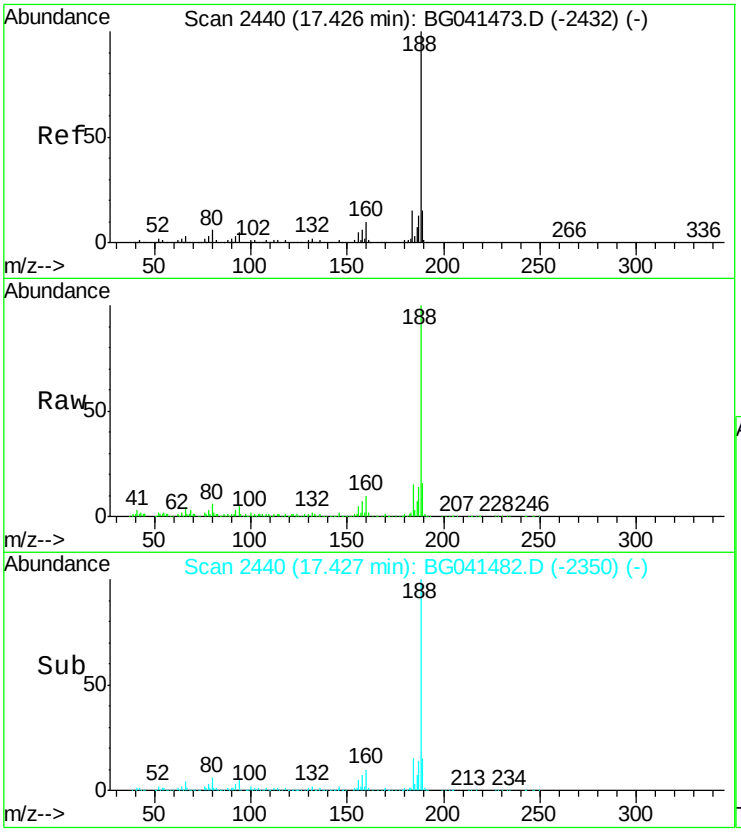


#45
2-Fluorobiphenyl
Concen: 37.093 ng
RT: 13.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Tgt Ion:172 Resp: 244067

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.8	20.0	30.0



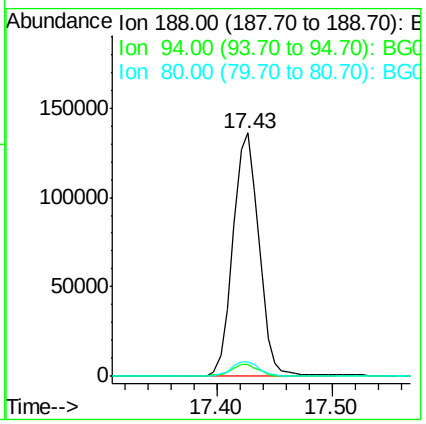


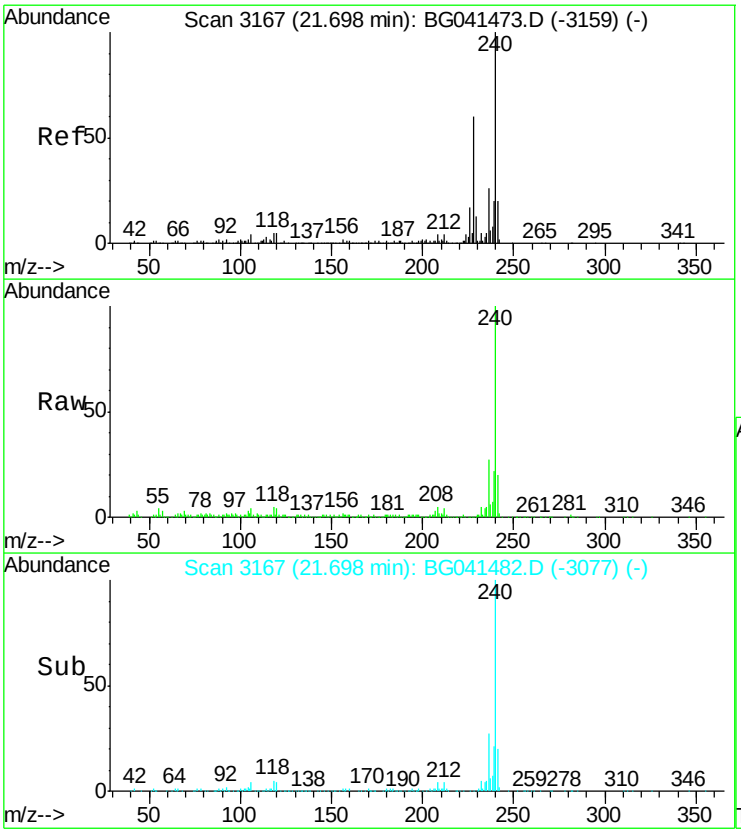
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Instrument :
BNA_G
ClientSampleId :
WASTE-SLUDGE

Tgt Ion:188 Resp: 212335

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.8	5.8
80	5.8	4.8	7.2

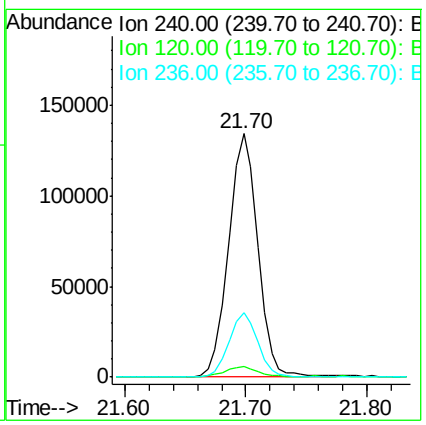


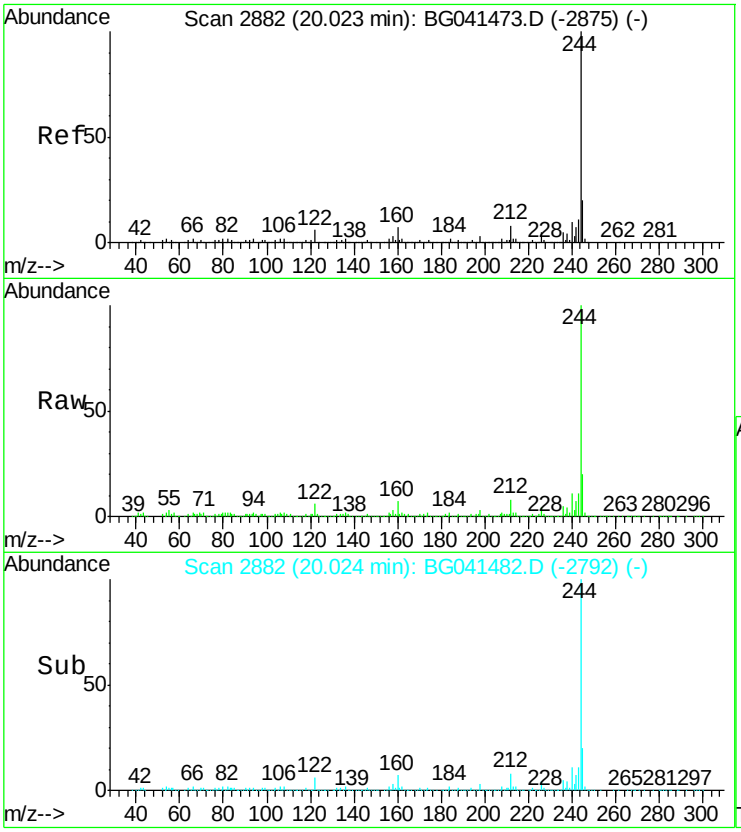


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Tgt Ion:240 Resp: 225507

Ion	Ratio	Lower	Upper
240	100		
120	4.5	3.7	5.5
236	26.7	20.8	31.2



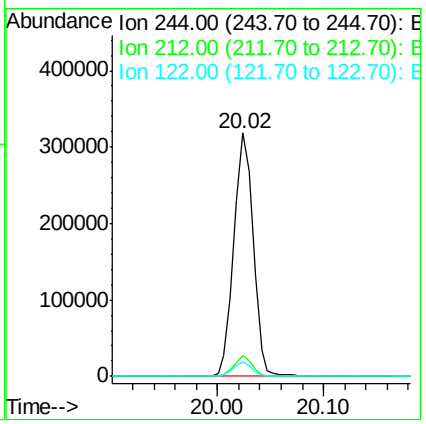


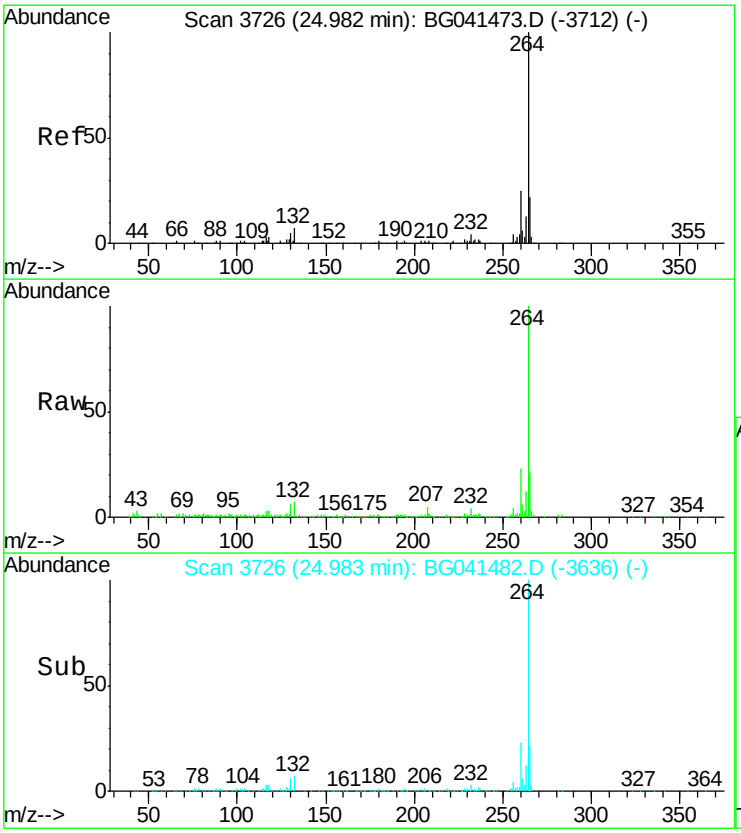
#79
Terphenyl-d14
Concen: 37.777 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.00 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Instrument :
BNA_G
ClientSampleId :
WASTE-SLUDGE

Tgt Ion:244 Resp: 400875

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.4
122	5.7	4.8	7.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG041482.D
Acq: 27 Jun 2019 9:18

Tgt Ion:264 Resp: 251362

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.7	29.5
265	20.7	17.4	26.2