Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070119\
Data File : BG041555.D
Acq On : 1 Jul 2019 12:32
Operator : HP/JU
Sample : K3484-01RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WASTE-SLUDGERE

Quant Time: Jul 02 01:20:12 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 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33249	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	119763	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	86667	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	224998	20.00	ng		0.00
76) Chrysene-d12	21.69	240	254583	20.00	ng		0.00
87) Perylene-d12	24.98	264	279999	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	7.21	99	489	0.19	ng		0.02
23) Nitrobenzene-d5	9.21	82	116659	40.63	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	121	0.08	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	266086	39.40	ng		0.00
79) Terphenyl-d14	20.03	244	446961	37.31	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.23	94	5755	2.175	ng		97
50) Dimethylphthalate	14.12	163	16351	2.073	ng	#	96

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

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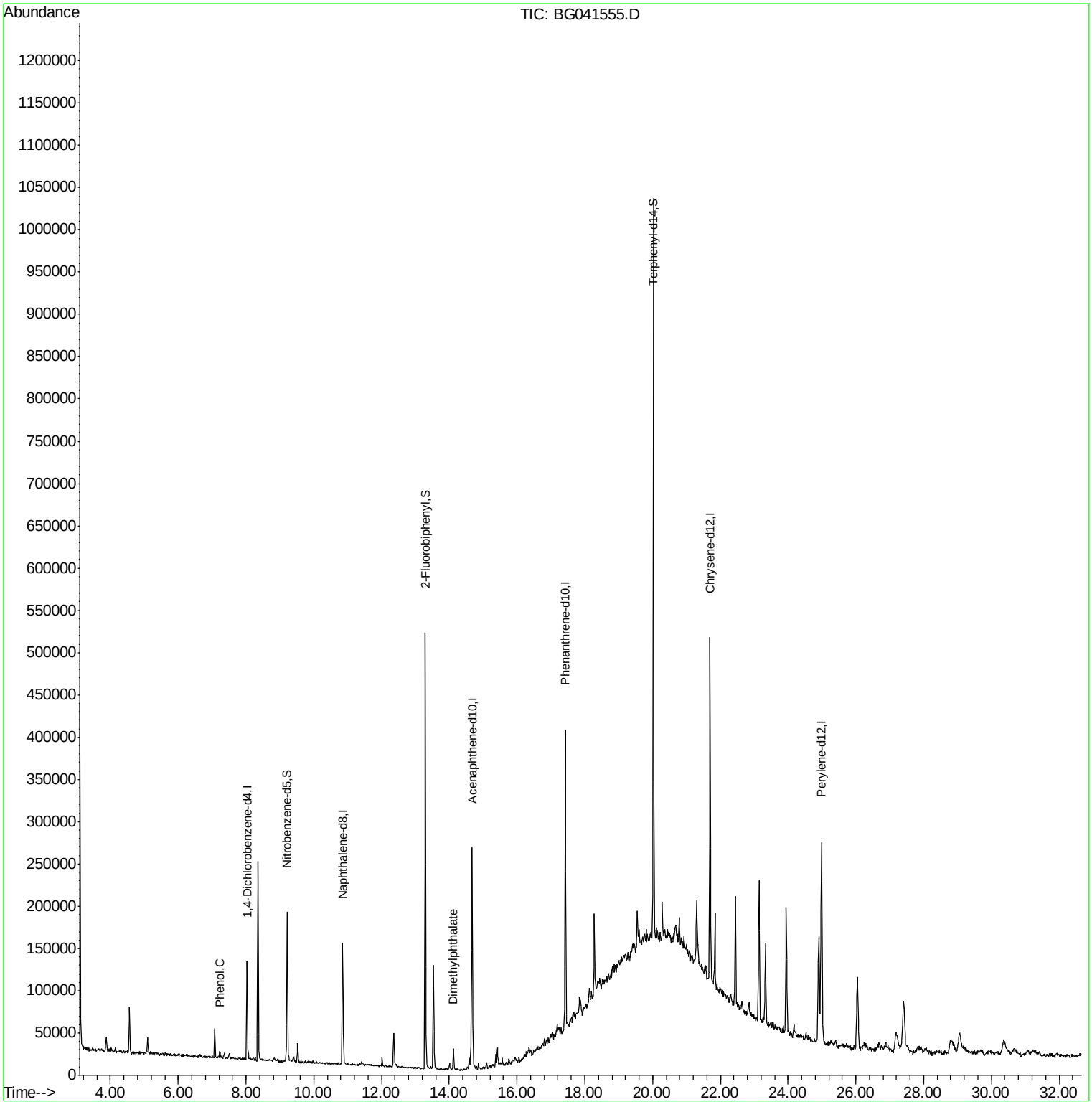
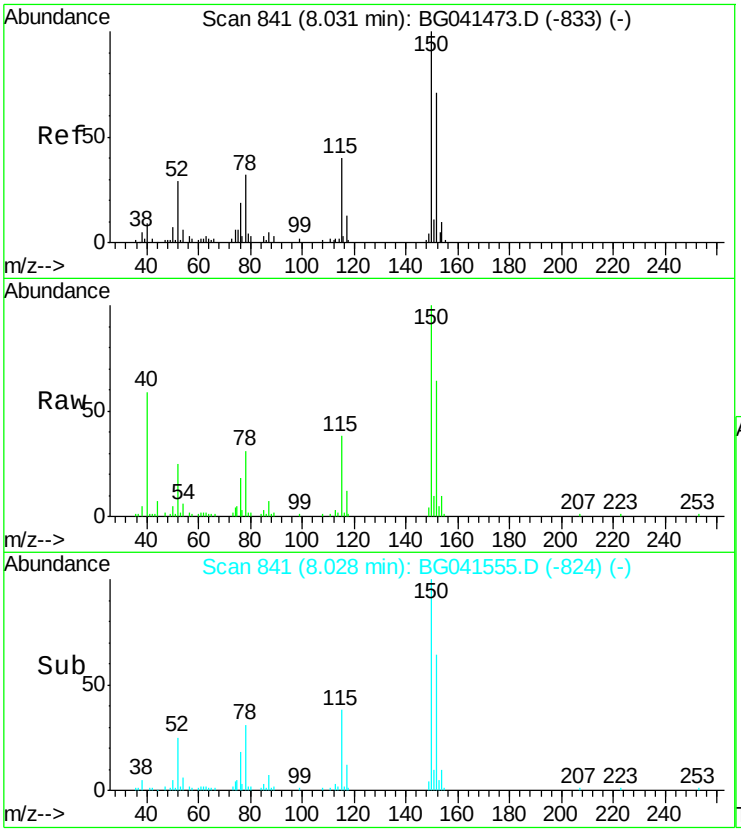


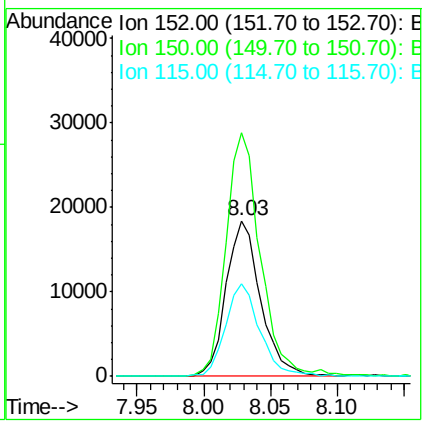


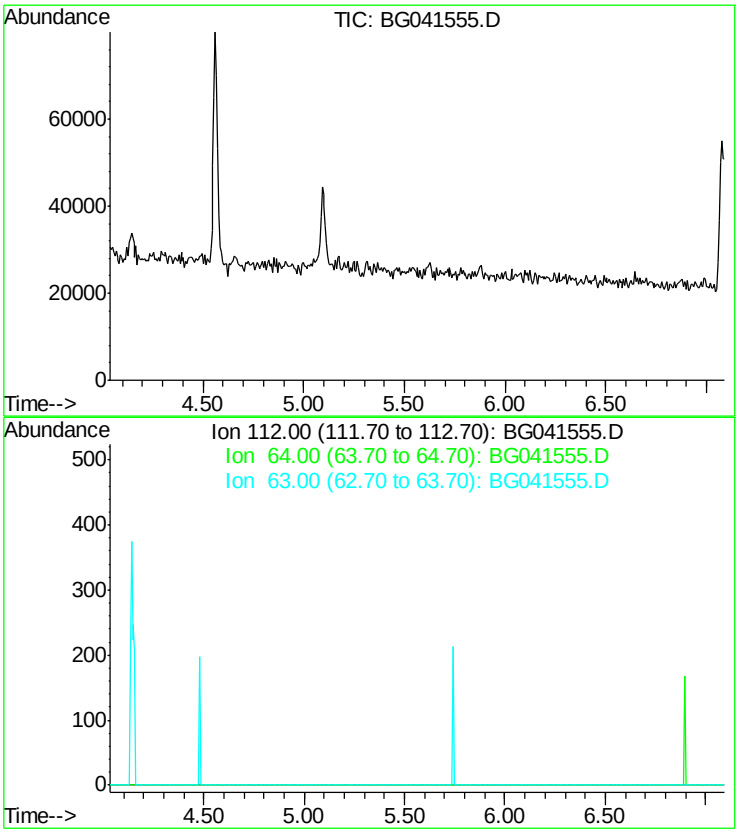
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Instrument :
BNA_G
ClientSampleId :
WASTE-SLUDGERE

Tgt Ion:152 Resp: 33249

Ion	Ratio	Lower	Upper
152	100		
150	156.6	112.4	168.6
115	59.6	44.6	66.8



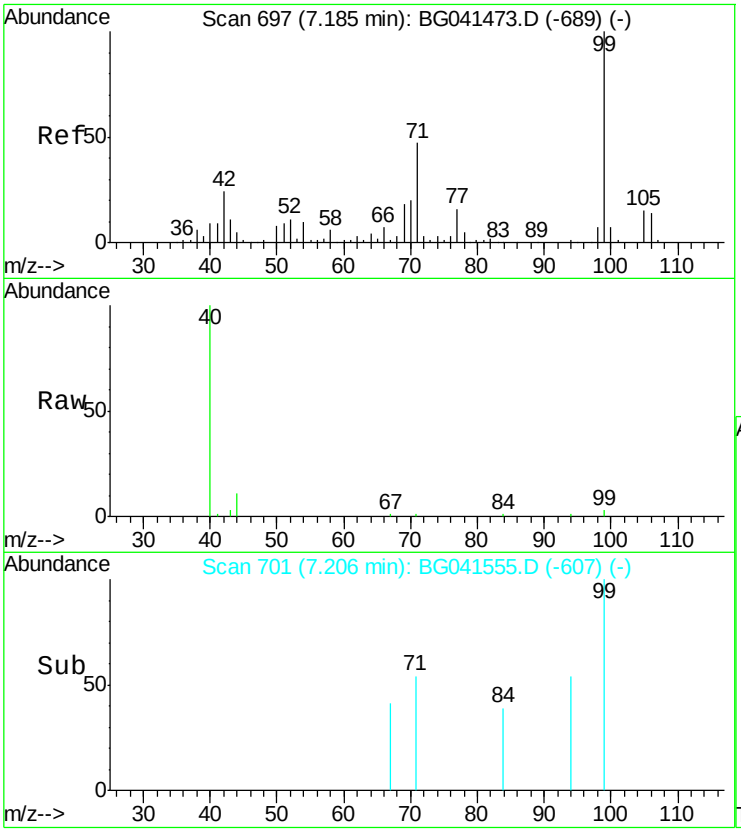


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.56 min

Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	68.9
63	40.5

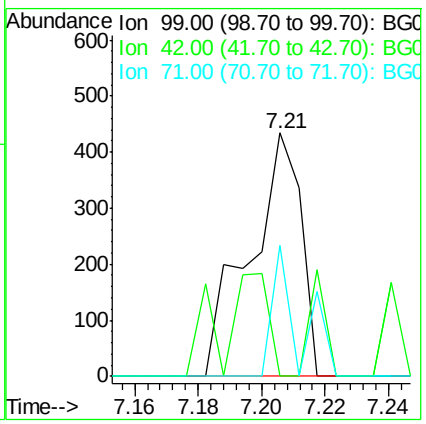


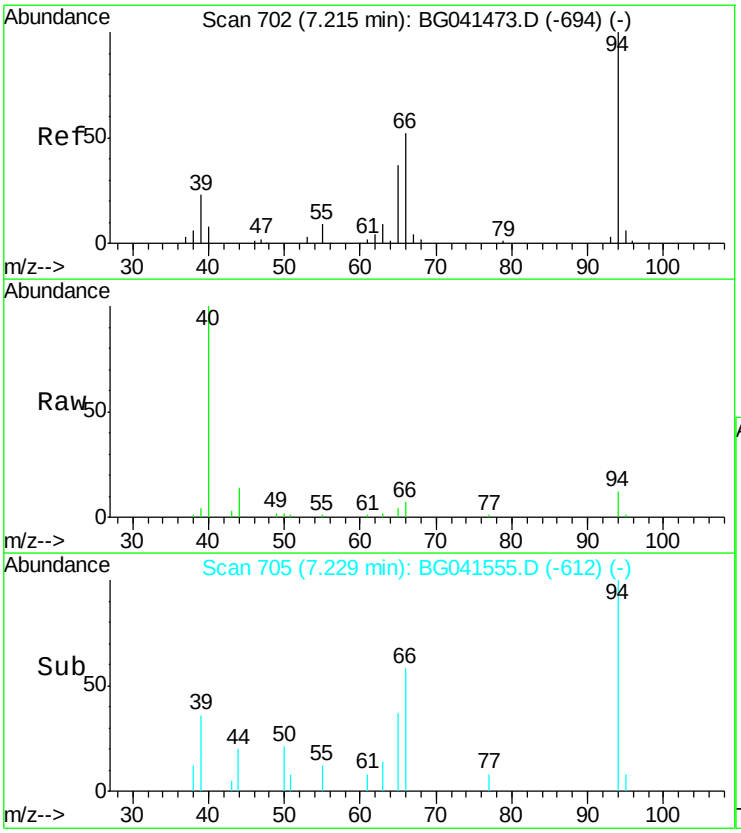
#7
Phenol-d6
Concen: 0.186 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.02 min
Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Instrument :
BNA_G
ClientSampleId :
WASTE-SLUDGERE

Tgt Ion: 99 Resp: 489

Ion	Ratio	Lower	Upper
99	100		
42	0.0	19.0	28.6#
71	53.9	37.4	56.2

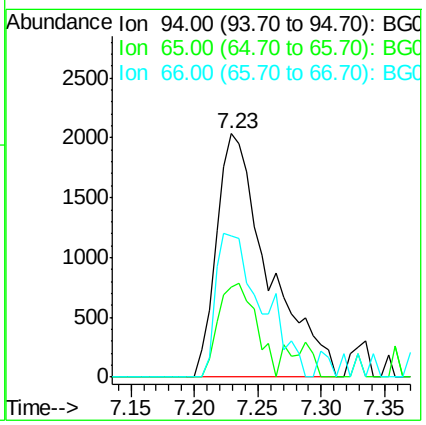


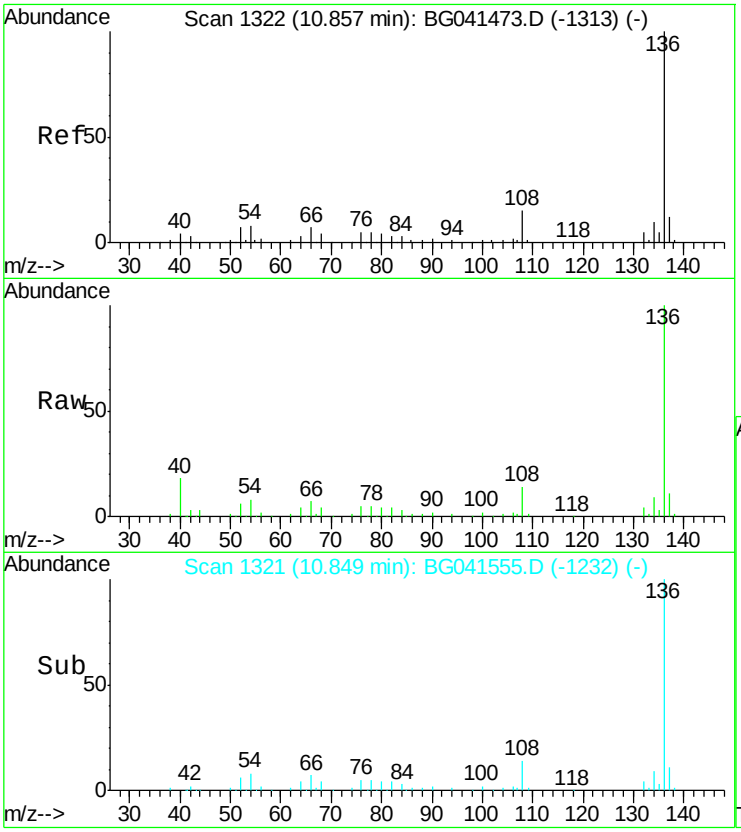


#10
Phenol
Concen: 2.175 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.01 min
Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Tgt Ion: 94 Resp: 5755

Ion	Ratio	Lower	Upper
94	100		
65	37.2	17.9	57.9
66	58.1	34.4	74.4



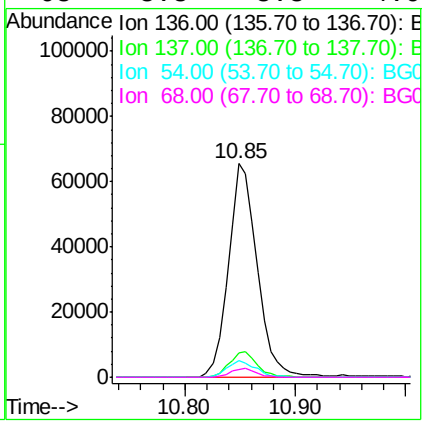


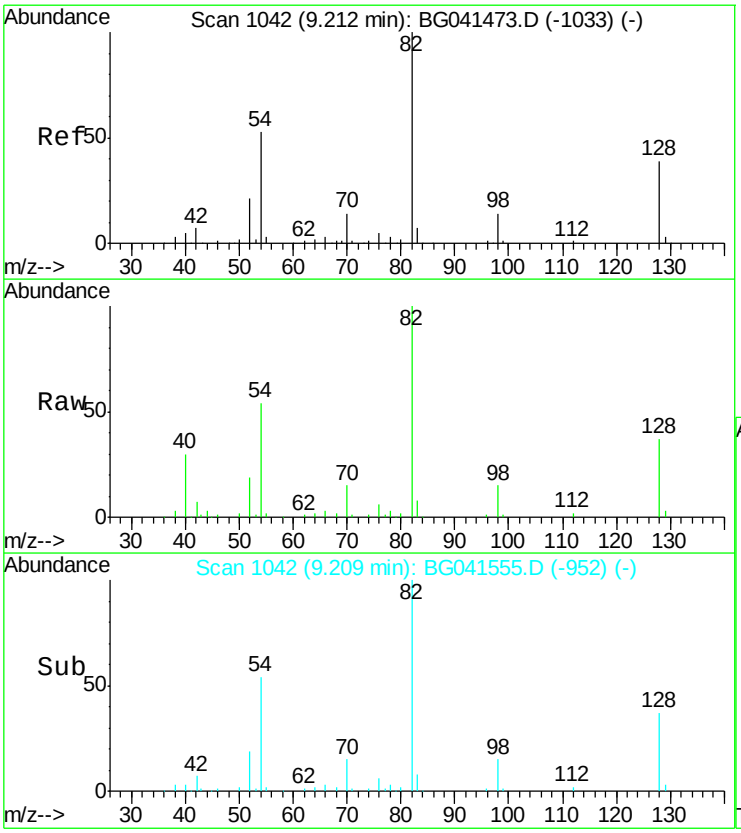
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Instrument :
BNA_G
ClientSampleId :
WASTE-SLUDGERE

Tgt Ion:136 Resp: 119763

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.1	7.1	10.7
68	3.8	3.3	4.9

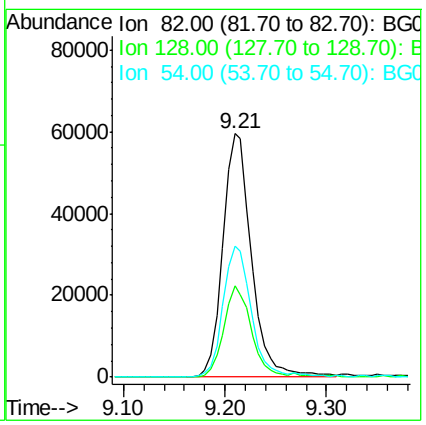


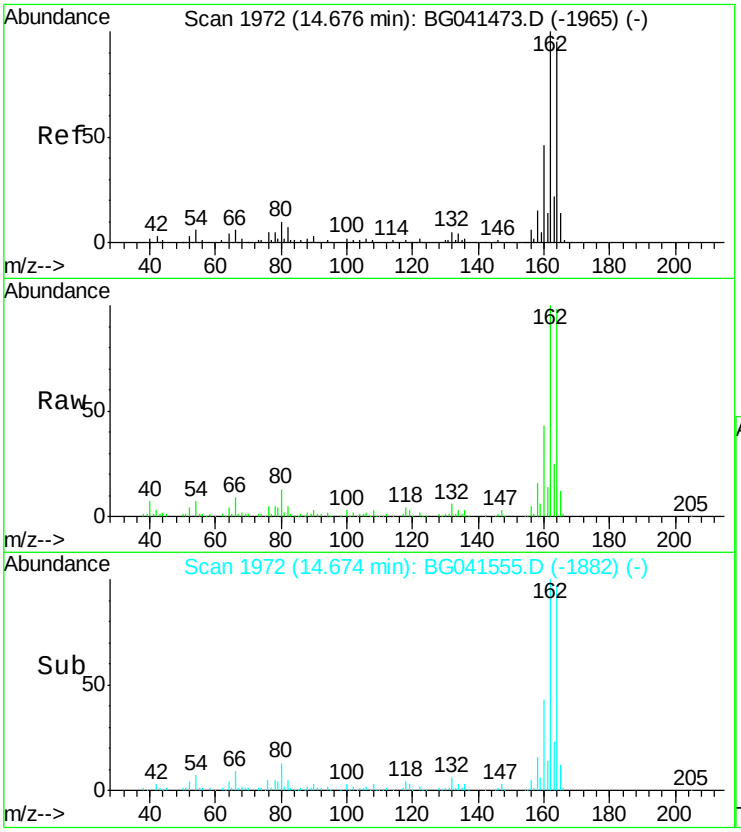


#23
Nitrobenzene-d5
Concen: 40.626 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Tgt Ion: 82 Resp: 116659

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.9	46.3
54	53.9	42.2	63.2



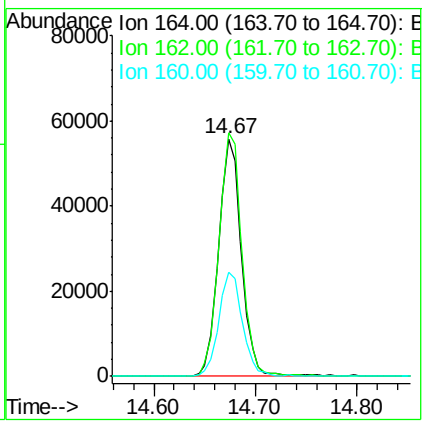


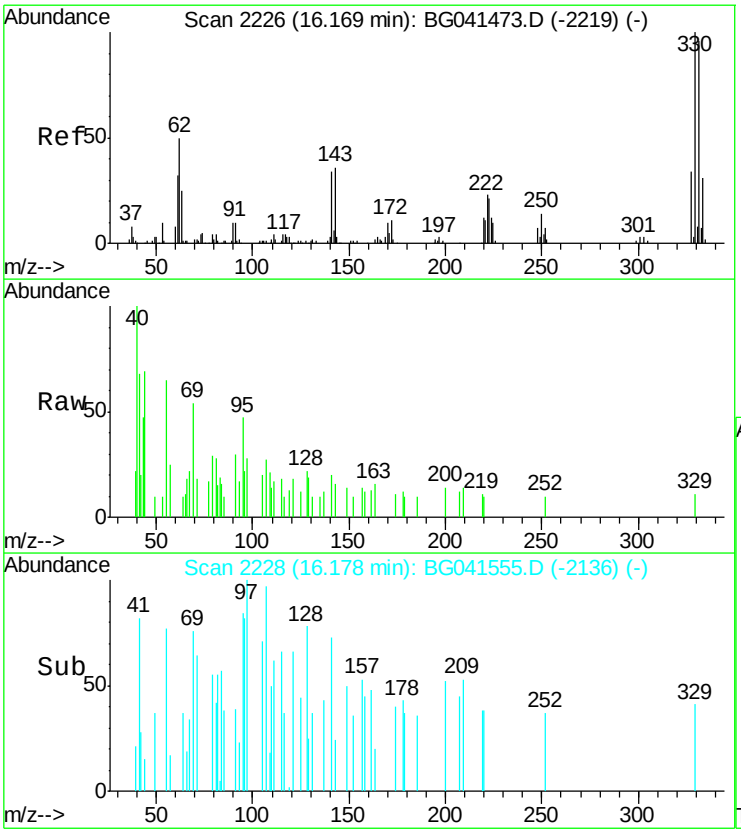
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Instrument :
BNA_G
ClientSampleId :
WASTE-SLUDGERE

Tgt Ion:164 Resp: 86667

Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.4	126.6
160	44.0	38.8	58.2

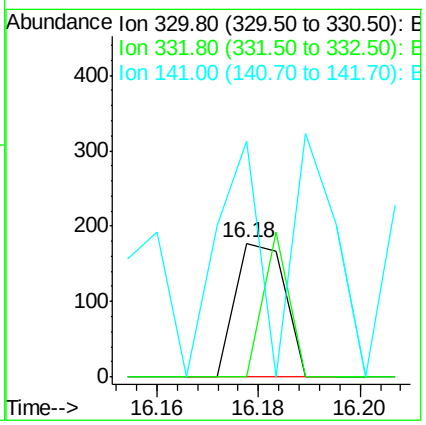


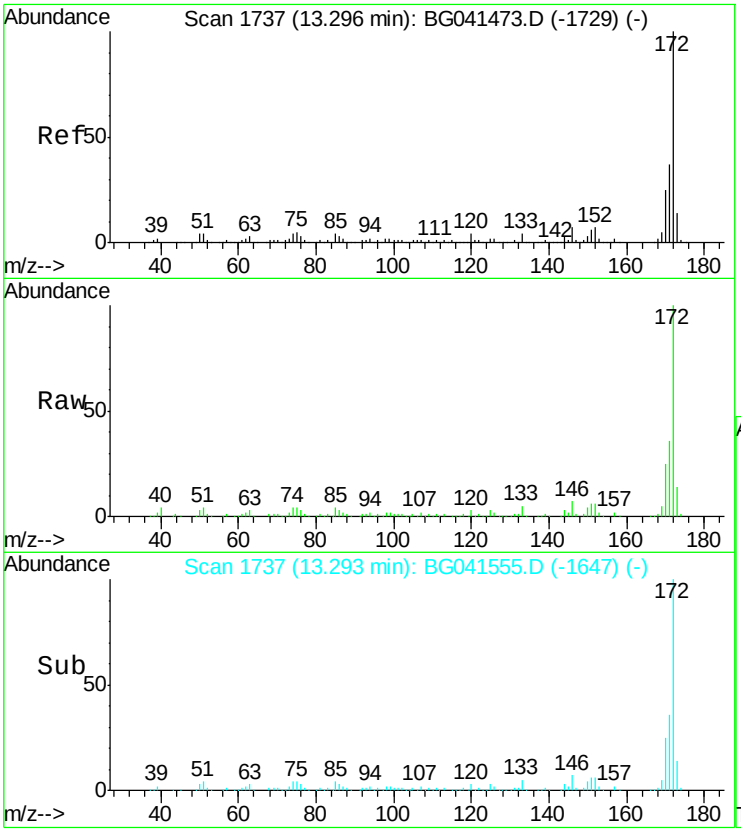


#42
2,4,6-Tribromophenol
Concen: 0.082 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Tgt Ion:330 Resp: 121

Ion	Ratio	Lower	Upper
330	100		
332	56.2	75.5	113.3#
141	149.6	27.8	41.6#



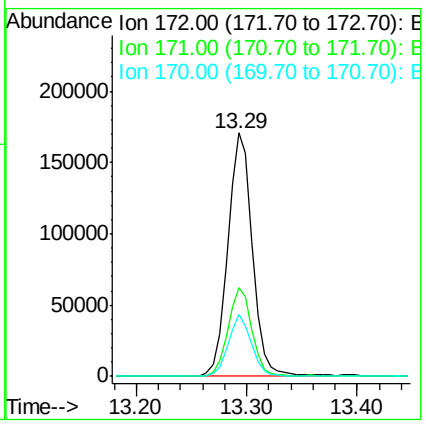


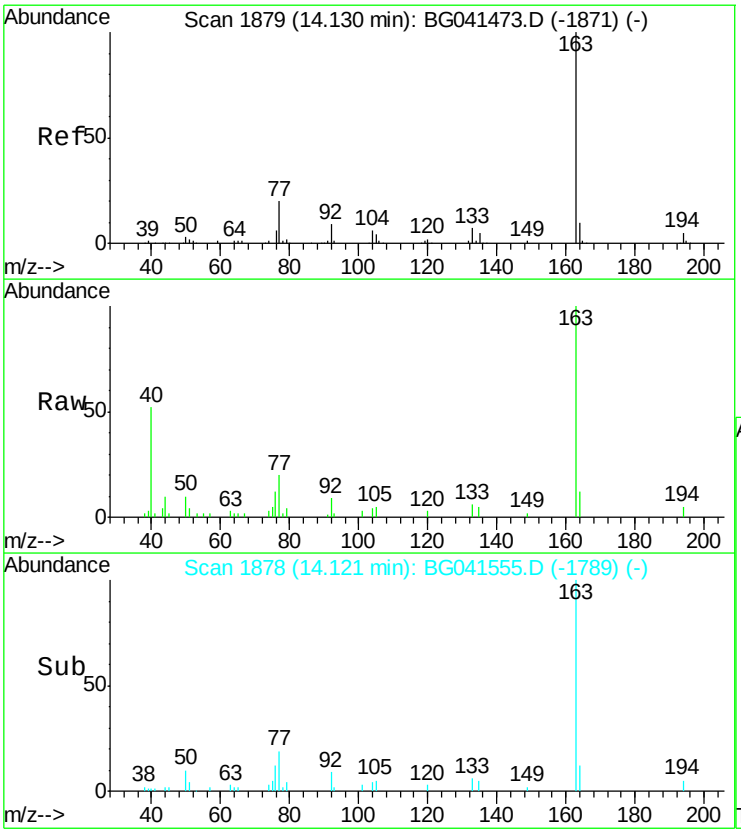
#45
2-Fluorobiphenyl
Concen: 39.399 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Instrument :
BNA_G
ClientSampleId :
WASTE-SLUDGERE

Tgt Ion:172 Resp: 266086

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.3	20.0	30.0

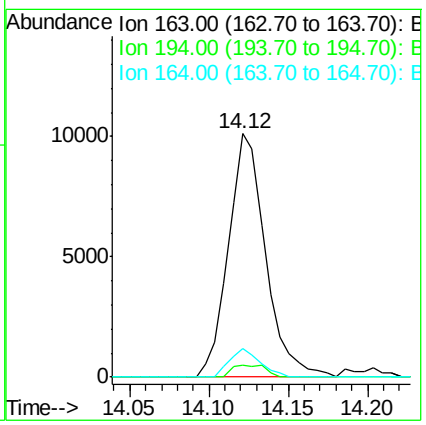


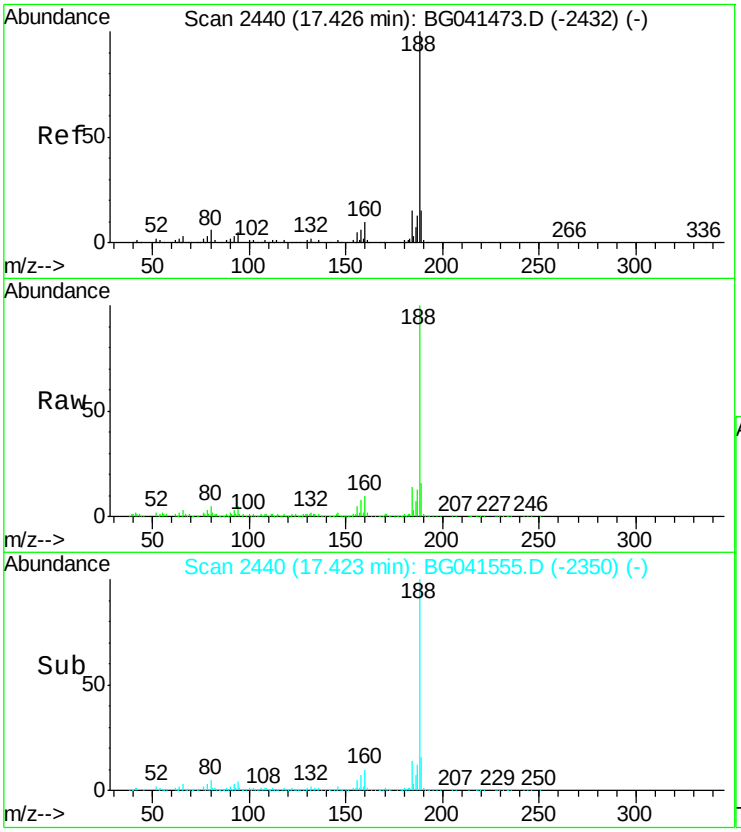


#50
Dimethylphthalate
Concen: 2.073 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Tgt Ion:163 Resp: 16351

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.7	5.5
164	12.0	7.8	11.6#



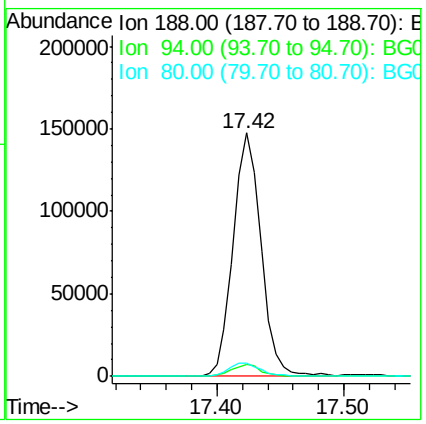


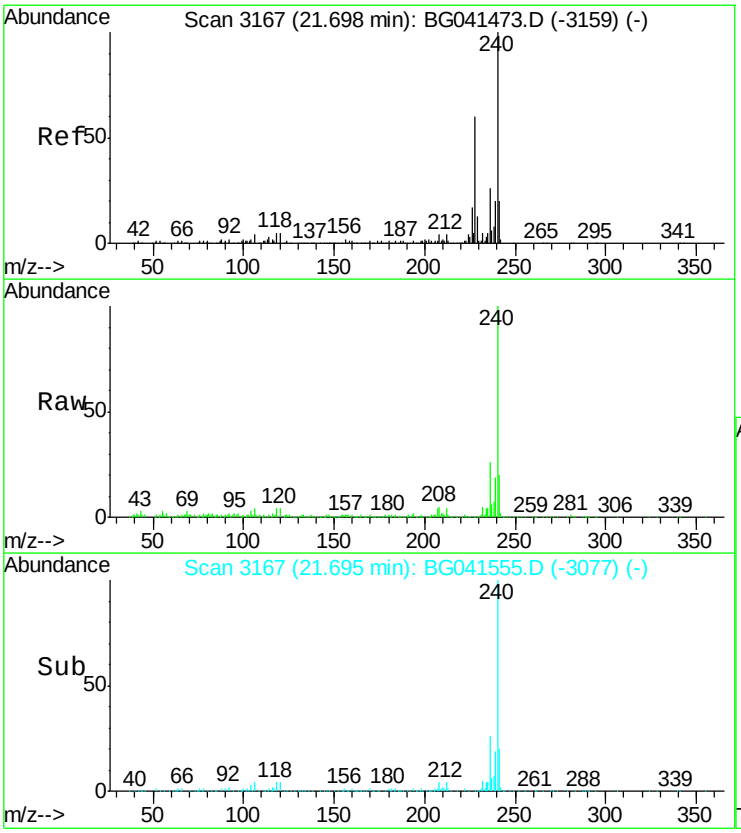
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Instrument :
BNA_G
ClientSampleId :
WASTE-SLUDGERE

Tgt Ion:188 Resp: 224998

Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.8	5.8
80	5.4	4.8	7.2

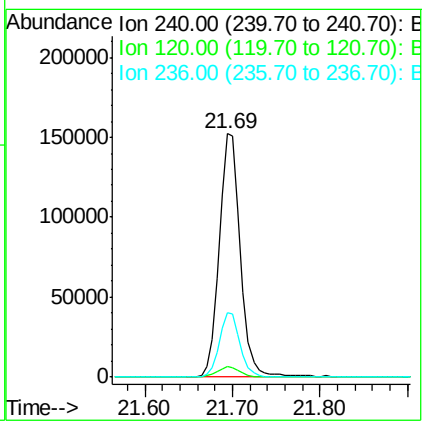


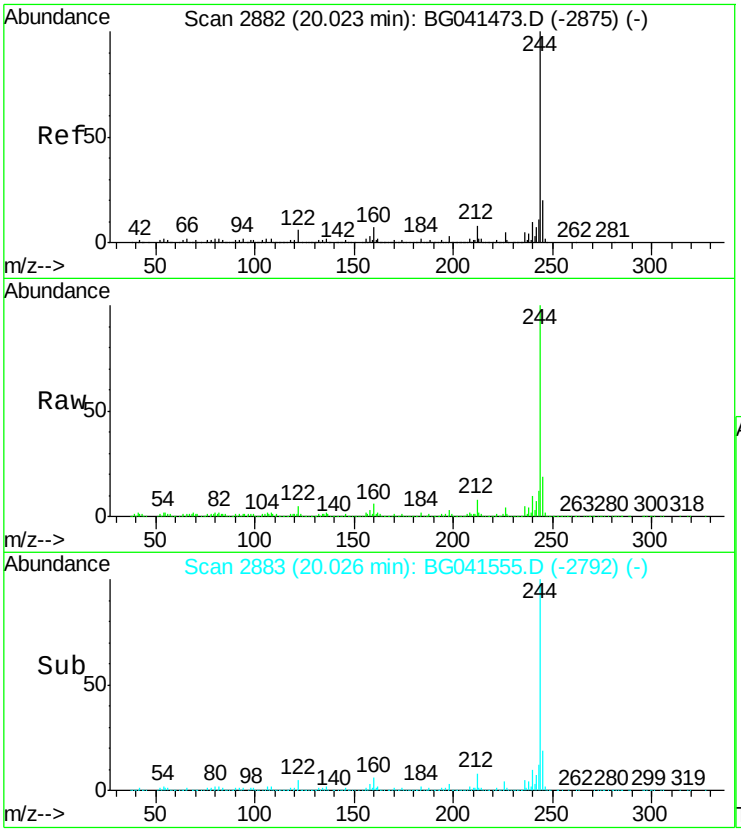


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Tgt Ion:240 Resp: 254583

Ion	Ratio	Lower	Upper
240	100		
120	4.4	3.7	5.5
236	26.4	20.8	31.2



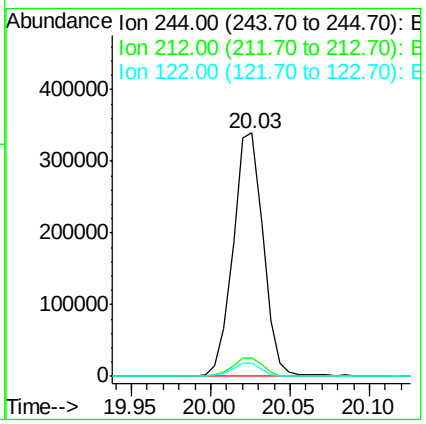


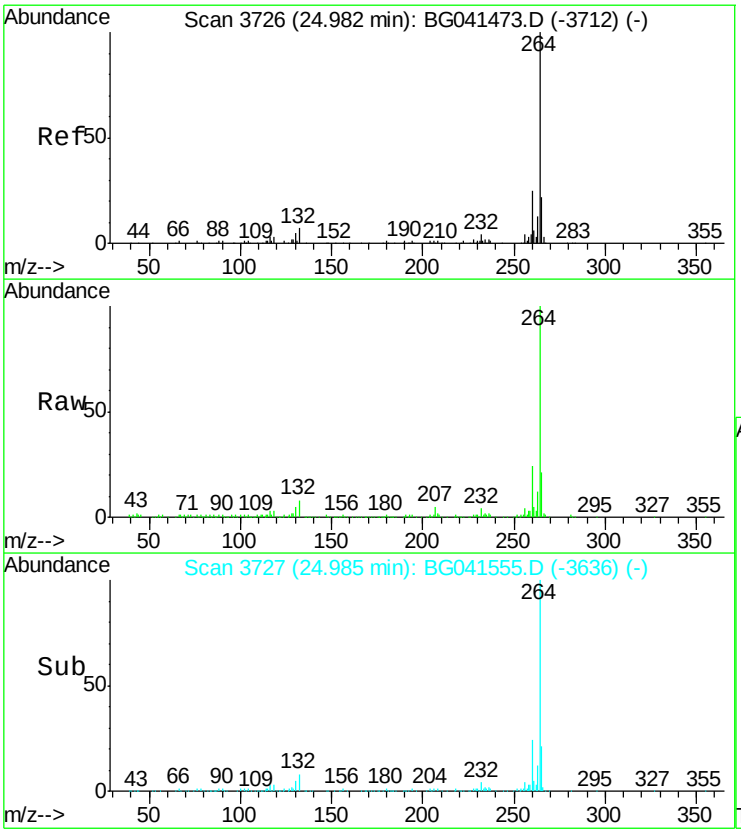
#79
Terphenyl-d14
Concen: 37.309 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Instrument :
BNA_G
ClientSampleId :
WASTE-SLUDGERE

Tgt Ion:244 Resp: 446961

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	5.3	4.8	7.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG041555.D
Acq: 1 Jul 2019 12:32

Tgt Ion:264 Resp: 279999

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	20.9	17.4	26.2