Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040827.D
Acq On : 9 May 2019 22:18
Operator : HP/JU
Sample : K2762-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS003-0612-01

Quant Time: May 10 07:24:56 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	8.14	152	51088	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	220804	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	172723	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	449079	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	422455	20.00	ng	-0.03
87) Perylene-d12	25.15	264	393591	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	416869	143.84	ng	-0.01
7) Phenol-d6	7.28	99	639886	143.40	ng	-0.02
23) Nitrobenzene-d5	9.32	82	446595	93.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	340610	143.47	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	929213	77.69	ng	-0.02
79) Terphenyl-d14	20.11	244	1582656	83.00	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.31	94	9659	2.014	ng	75
50) Dimethylphthalate	14.21	163	92257	6.384	ng	97

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

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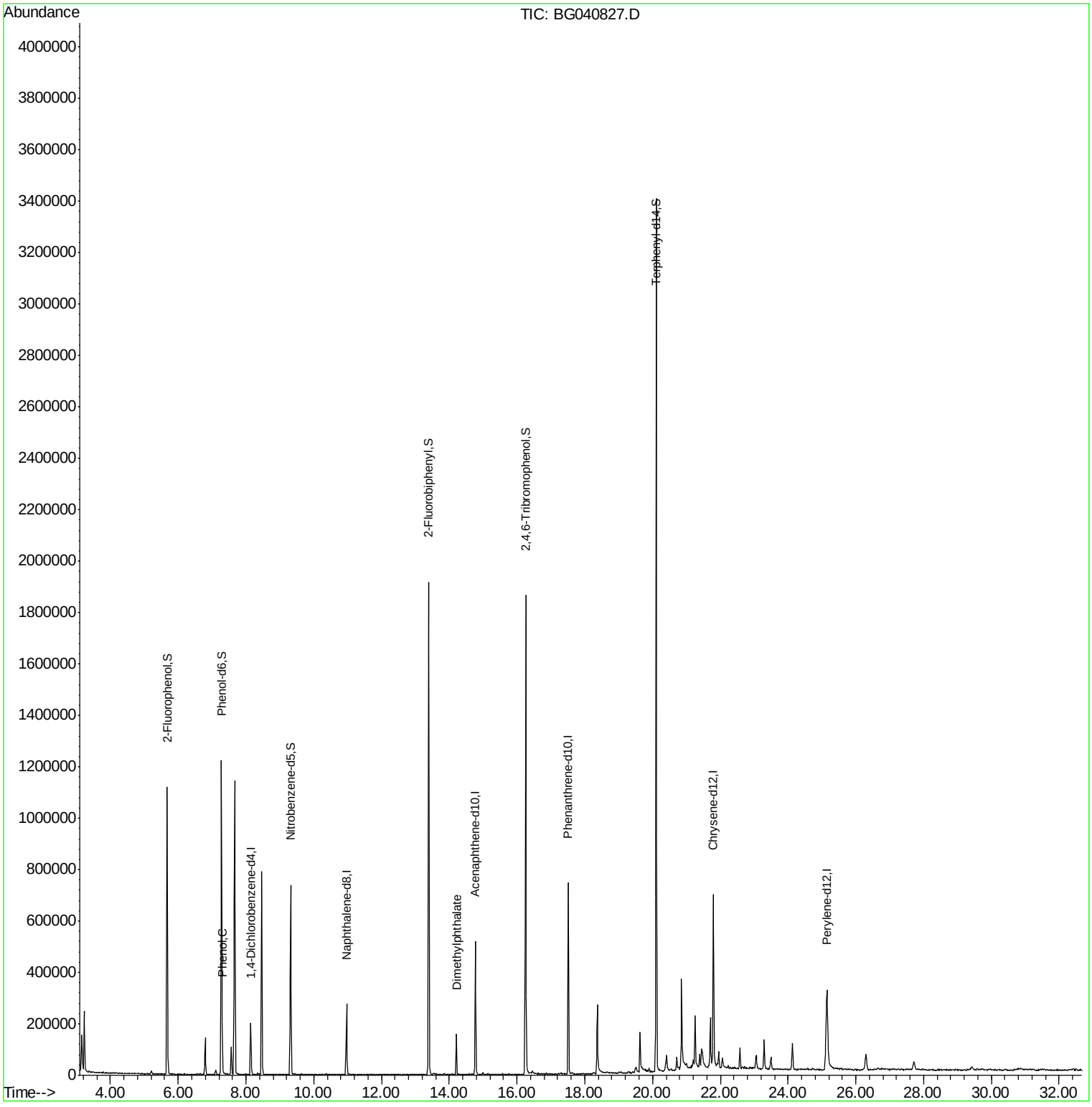
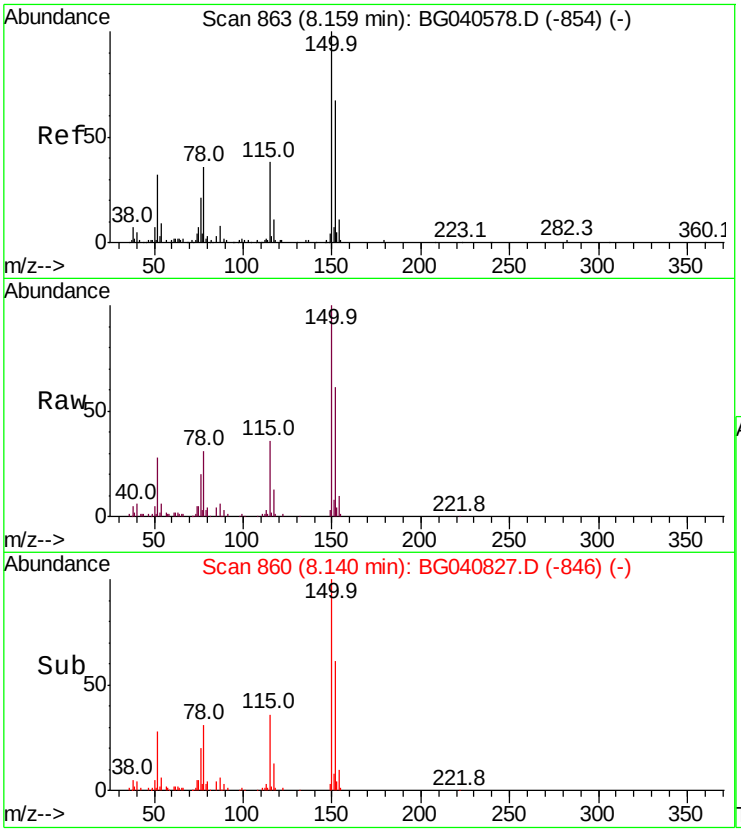


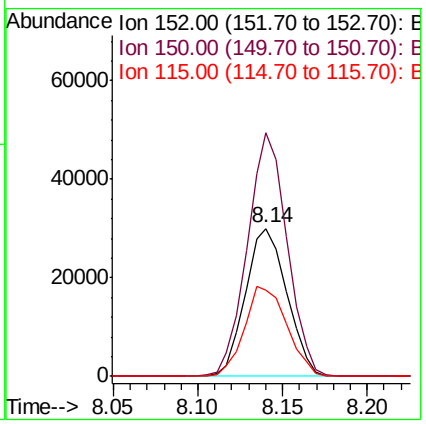


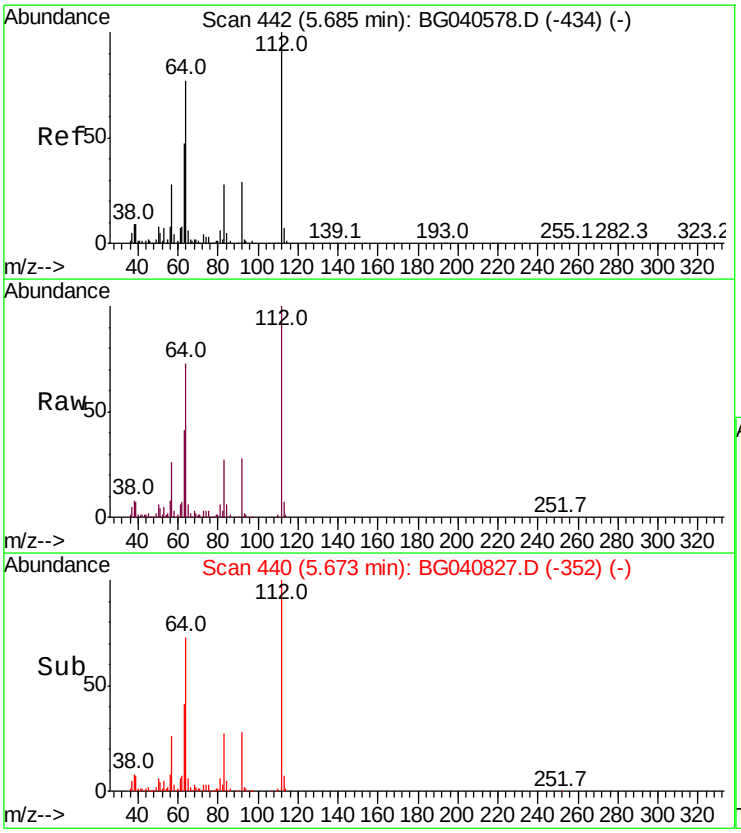
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Instrument :
BNA_G
ClientSampleId :
P021-SS003-0612-01

Tgt Ion:152 Resp: 51088

Ion	Ratio	Lower	Upper
152	100		
150	164.9	120.2	180.2
115	58.6	46.2	69.2

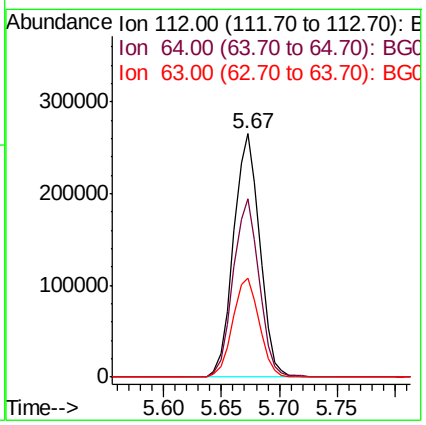


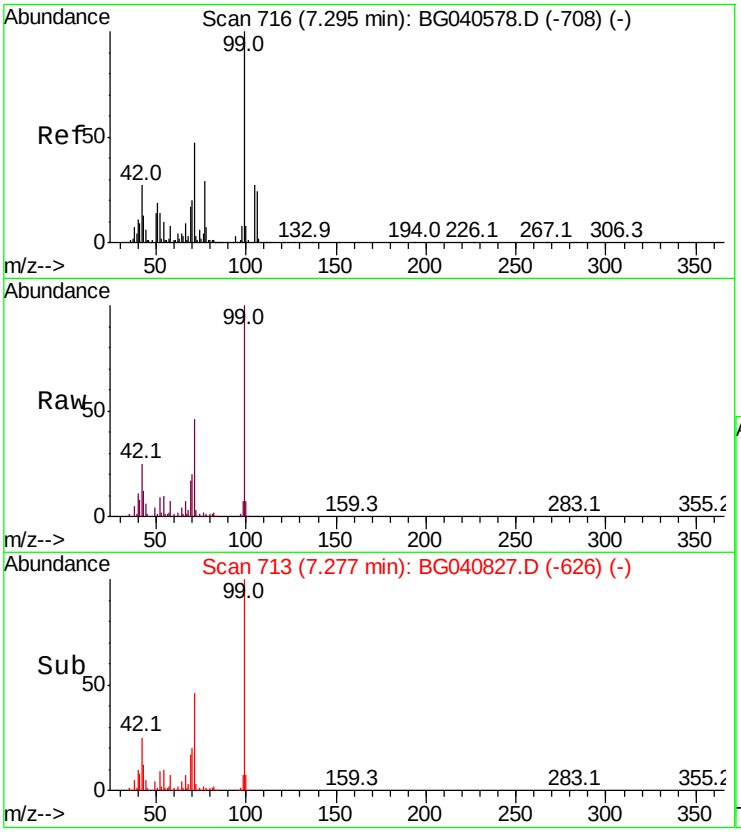


#5
2-Fluorophenol
Concen: 143.838 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Tgt Ion:112 Resp: 416869

Ion	Ratio	Lower	Upper
112	100		
64	73.0	61.4	92.0
63	40.9	37.8	56.6



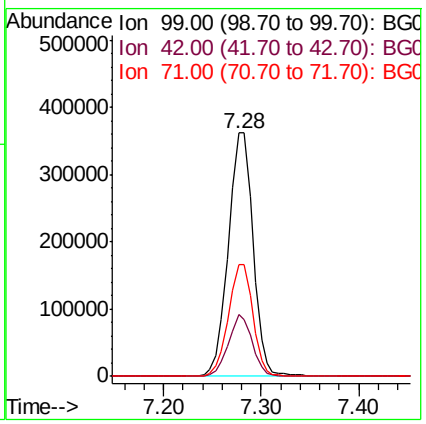


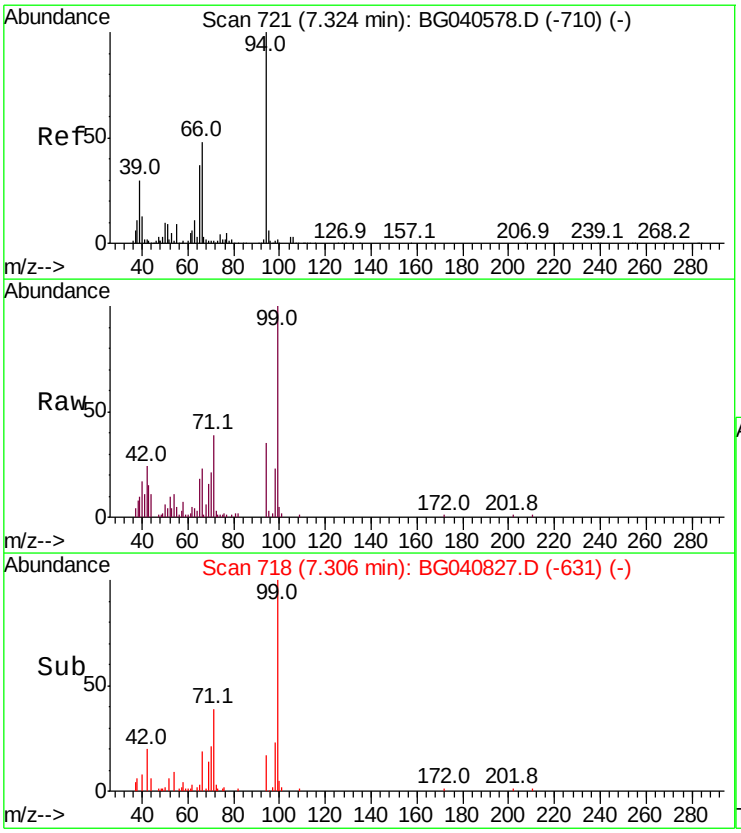
#7
Phenol-d6
Concen: 143.396 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Instrument :
BNA_G
ClientSampleId :
P021-SS003-0612-01

Tgt Ion: 99 Resp: 639886

Ion	Ratio	Lower	Upper
99	100		
42	25.4	21.8	32.8
71	45.8	38.6	57.8

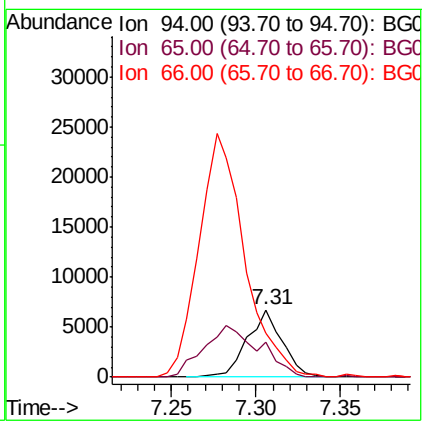


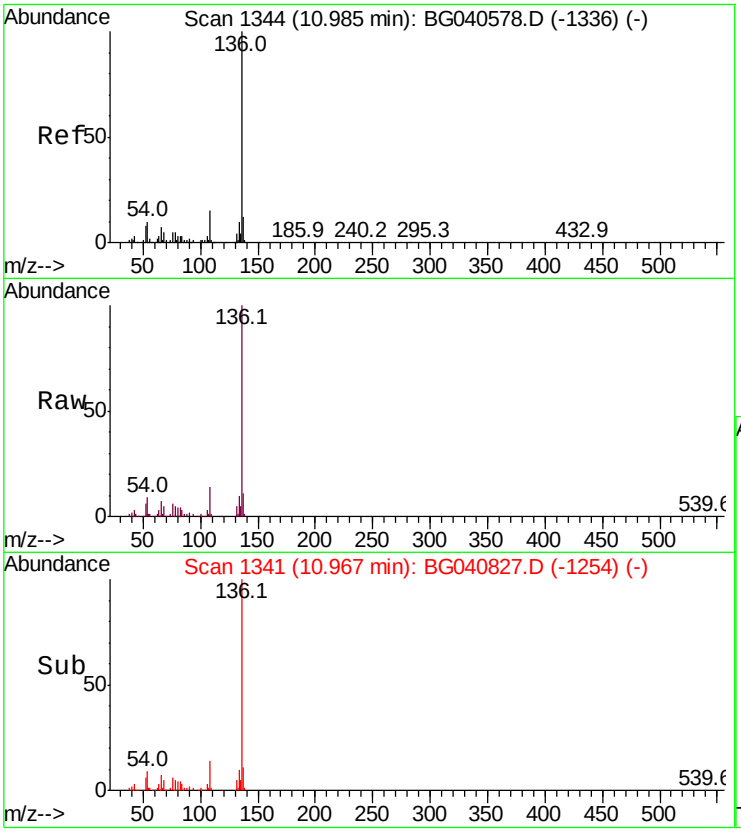


#10
Phenol
Concen: 2.014 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Tgt Ion: 94 Resp: 9659

Ion	Ratio	Lower	Upper
94	100		
65	52.1	17.0	57.0
66	65.5	28.6	68.6



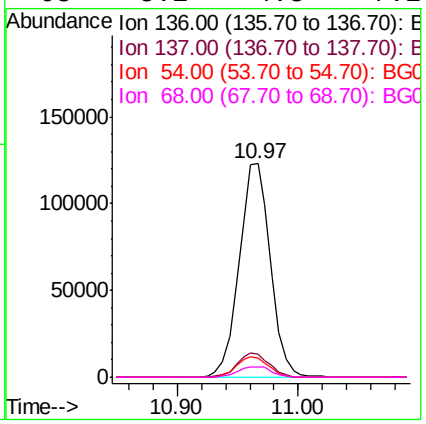


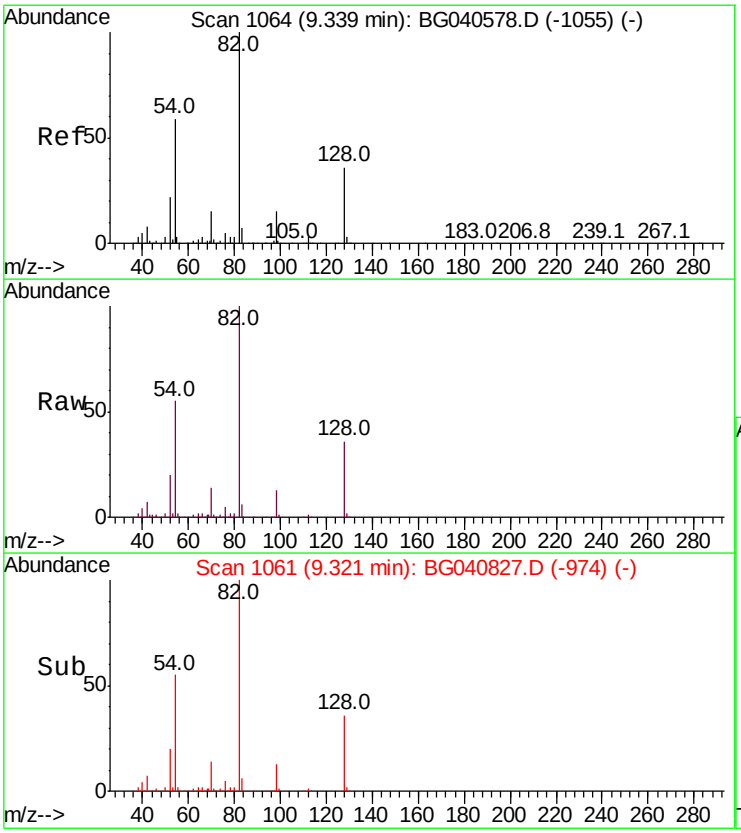
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Instrument :
BNA_G
ClientSampleId :
P021-SS003-0612-01

Tgt Ion:136 Resp: 220804

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.7	14.5
54	9.2	8.6	12.8
68	5.2	4.8	7.2

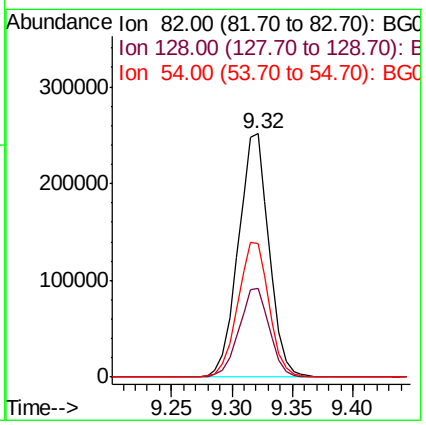


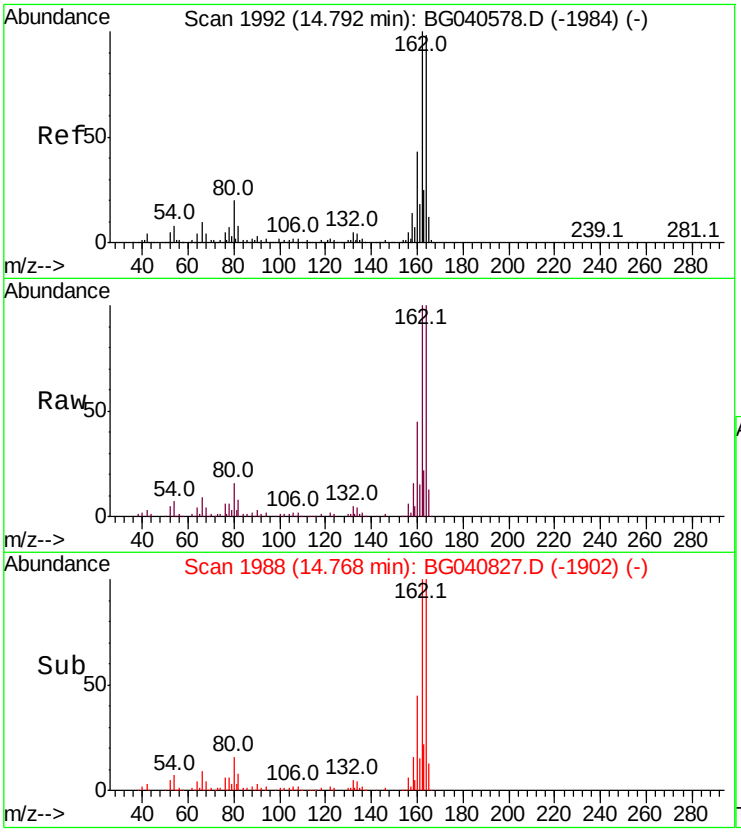


#23
Nitrobenzene-d5
Concen: 93.456 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Tgt Ion: 82 Resp: 446595

Ion	Ratio	Lower	Upper
82	100		
128	36.4	28.9	43.3
54	54.9	47.2	70.8



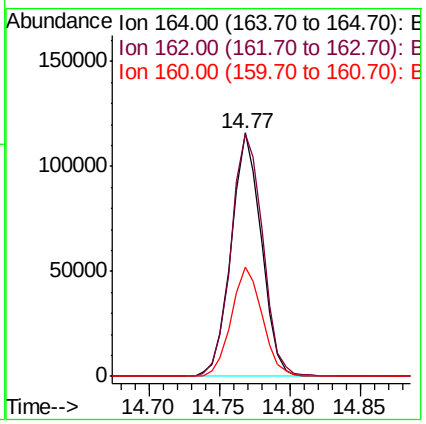


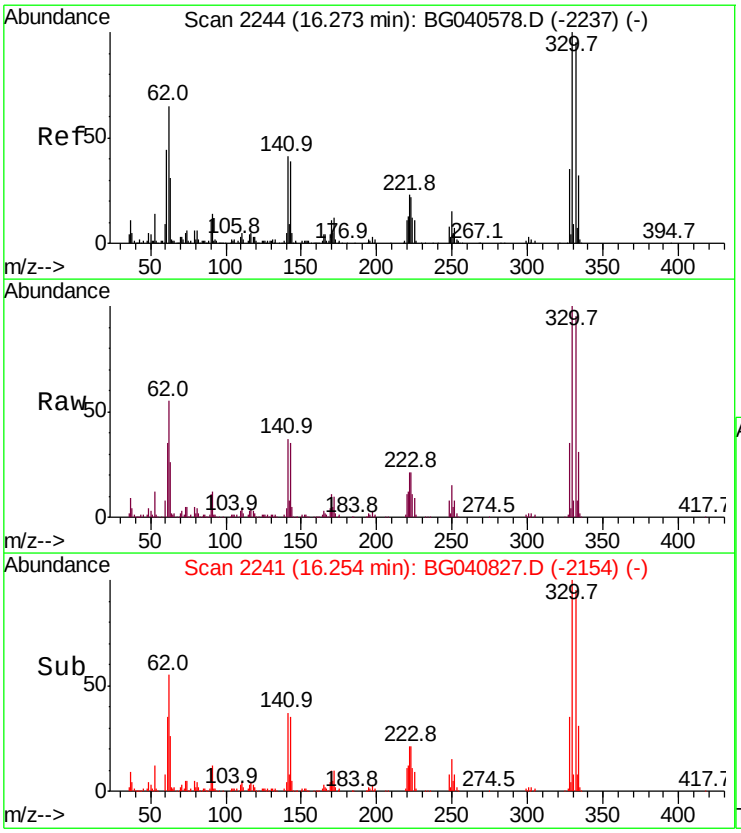
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Instrument :
BNA_G
ClientSampleId :
P021-SS003-0612-01

Tgt Ion:164 Resp: 172723

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.9	122.9
160	45.0	35.4	53.2

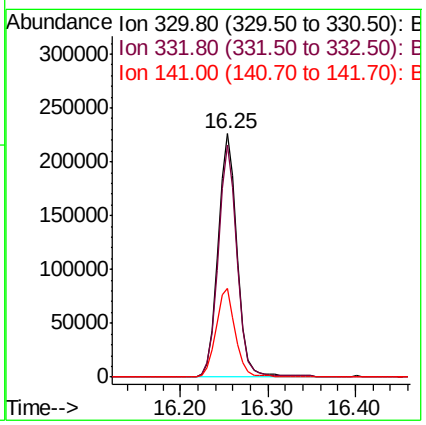


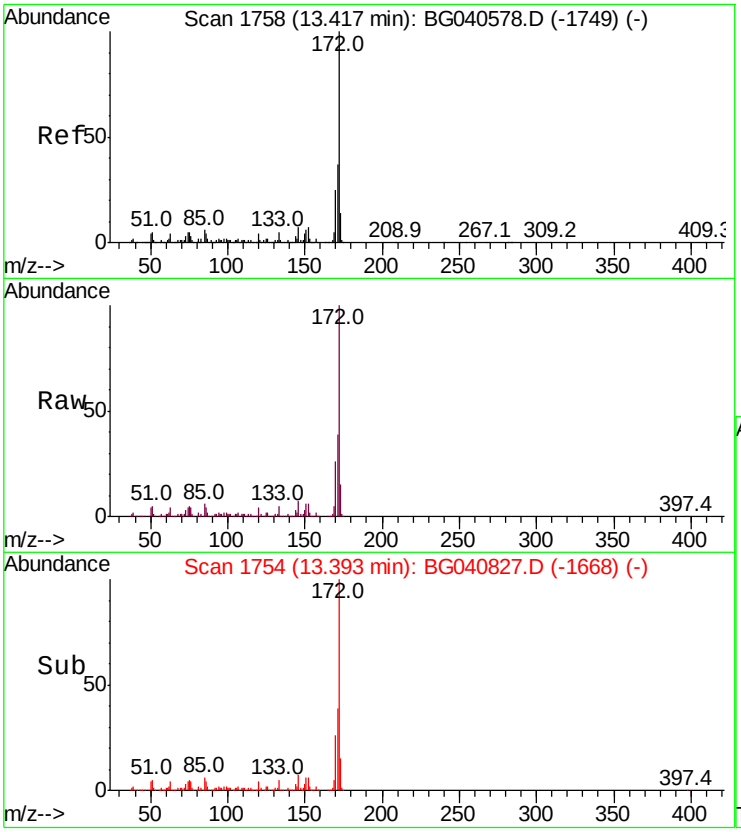


#42
2,4,6-Tribromophenol
Concen: 143.468 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Tgt Ion:330 Resp: 340610

Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.9	113.9
141	36.8	32.4	48.6



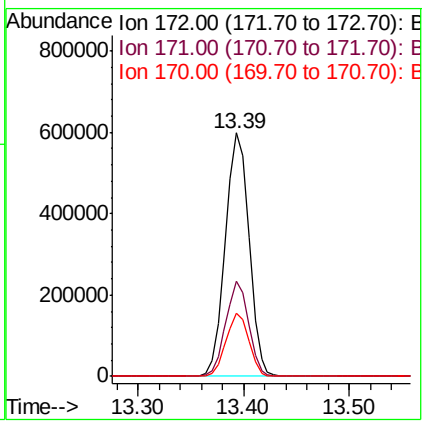


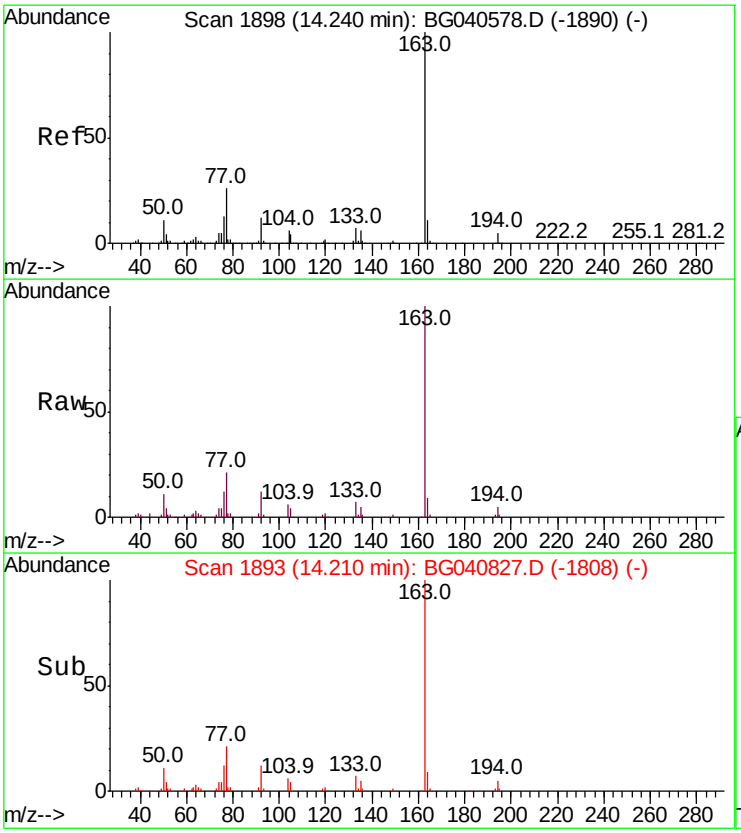
#45
2-Fluorobiphenyl
Concen: 77.695 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Instrument :
BNA_G
ClientSampleId :
P021-SS003-0612-01

Tgt Ion:172 Resp: 929213

Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.4	44.2
170	25.8	19.9	29.9

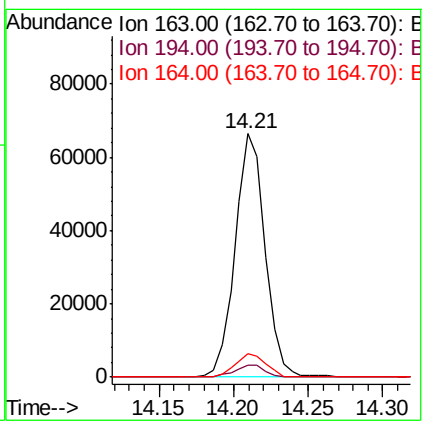


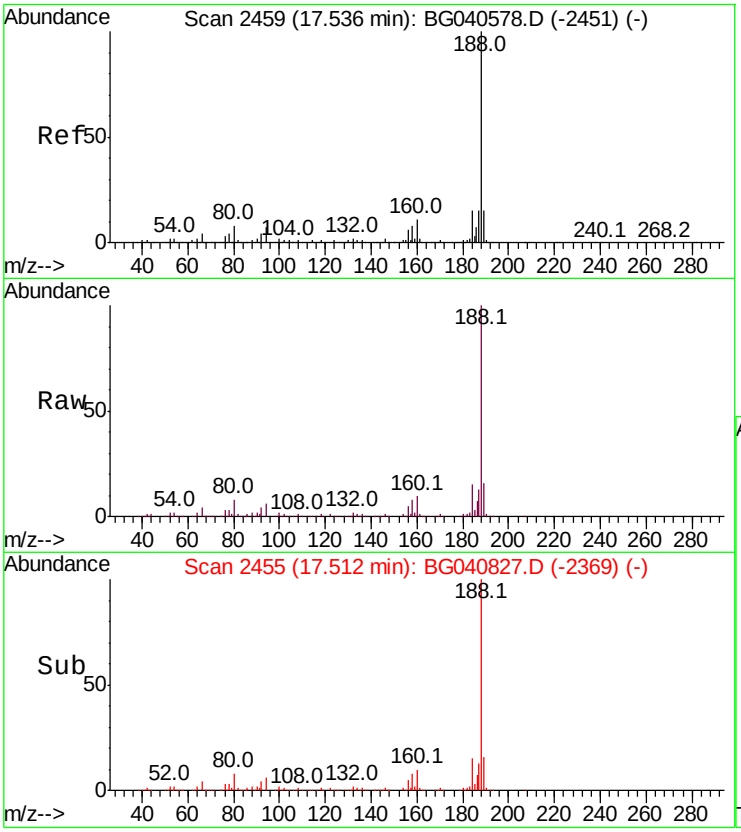


#50
Dimethylphthalate
Concen: 6.384 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Tgt Ion:163 Resp: 92257

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.8	5.8
164	9.4	8.8	13.2



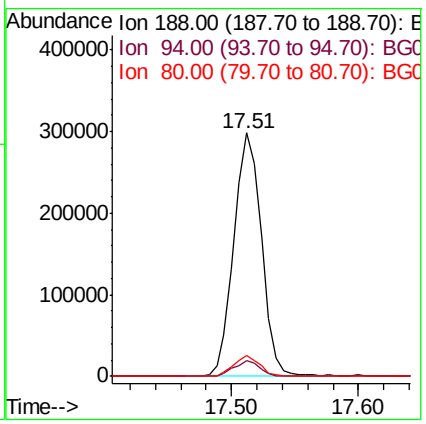


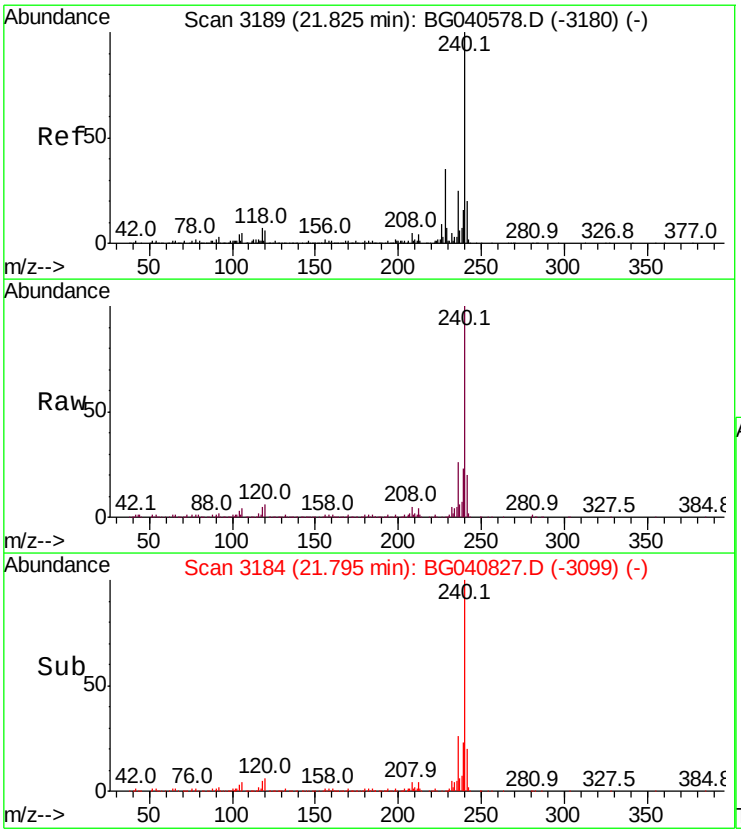
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Instrument :
BNA_G
ClientSampleId :
P021-SS003-0612-01

Tgt Ion:188 Resp: 449079

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.6	8.4
80	8.5	6.4	9.6

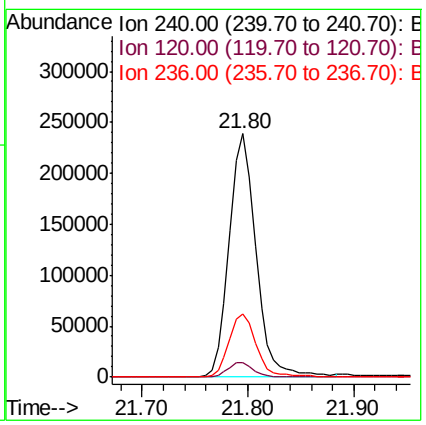


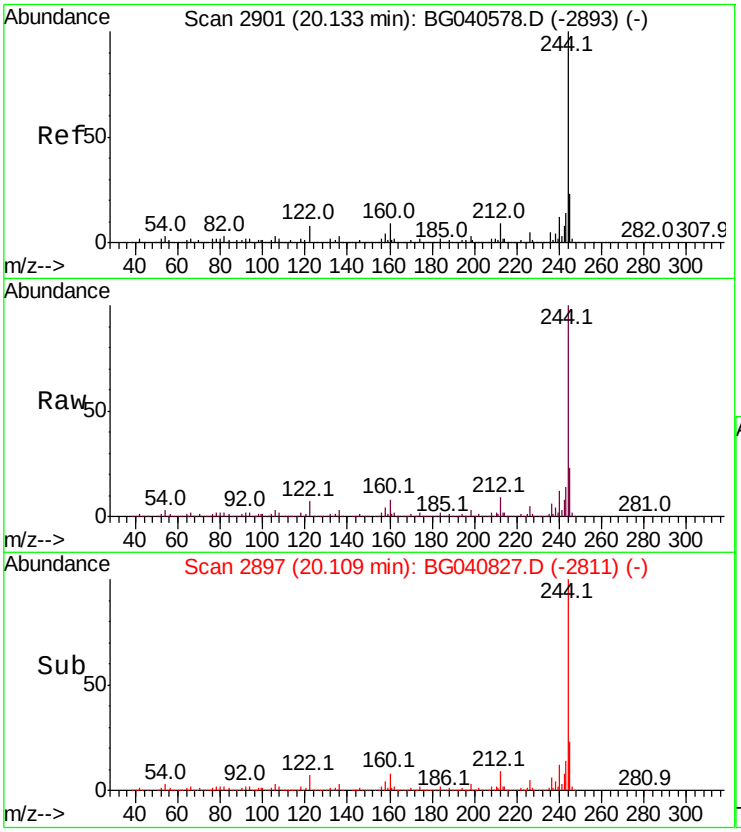


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Tgt Ion:240 Resp: 422455

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.0	7.6
236	26.1	20.3	30.5



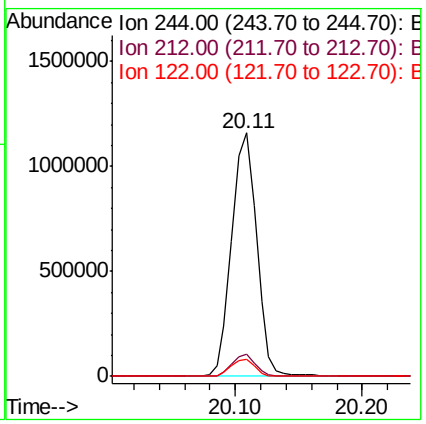


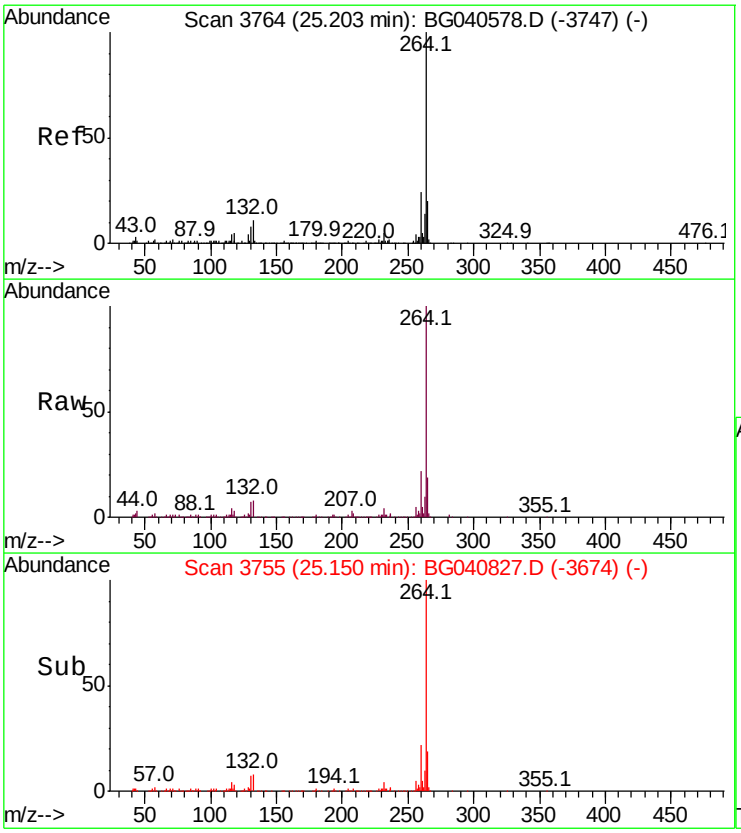
#79
Terphenyl-d14
Concen: 82.997 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Instrument :
BNA_G
ClientSampleId :
P021-SS003-0612-01

Tgt Ion:244 Resp: 1582656

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.2	10.8
122	7.1	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040827.D
Acq: 9 May 2019 22:18

Tgt Ion:264 Resp: 393591

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	19.4	16.6	25.0