Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051019\
Data File : BG040870.D
Acq On : 11 May 2019 6:48
Operator : HP/JU
Sample : K2749-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRS-2

Quant Time: May 12 02:35:12 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	42923	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	174259	20.00	ng	-0.03
39) Acenaphthene-d10	14.76	164	133049	20.00	ng	-0.03
64) Phenanthrene-d10	17.50	188	365601	20.00	ng	-0.03
76) Chrysene-d12	21.79	240	395211	20.00	ng	-0.04
87) Perylene-d12	25.13	264	408953	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	225790	92.73	ng	-0.02
7) Phenol-d6	7.27	99	494559	131.91	ng	-0.02
23) Nitrobenzene-d5	9.31	82	381548	101.17	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	71213	38.94	ng	-0.03
45) 2-Fluorobiphenyl	13.38	172	906800	98.43	ng	-0.03
79) Terphenyl-d14	20.10	244	1816940	101.85	ng	-0.03
Target Compounds						Qvalue
10) Phenol	7.30	94	11481	2.849	ng	90
50) Dimethylphthalate	14.20	163	73332	6.588	ng #	97

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

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Misc :
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TRS-2

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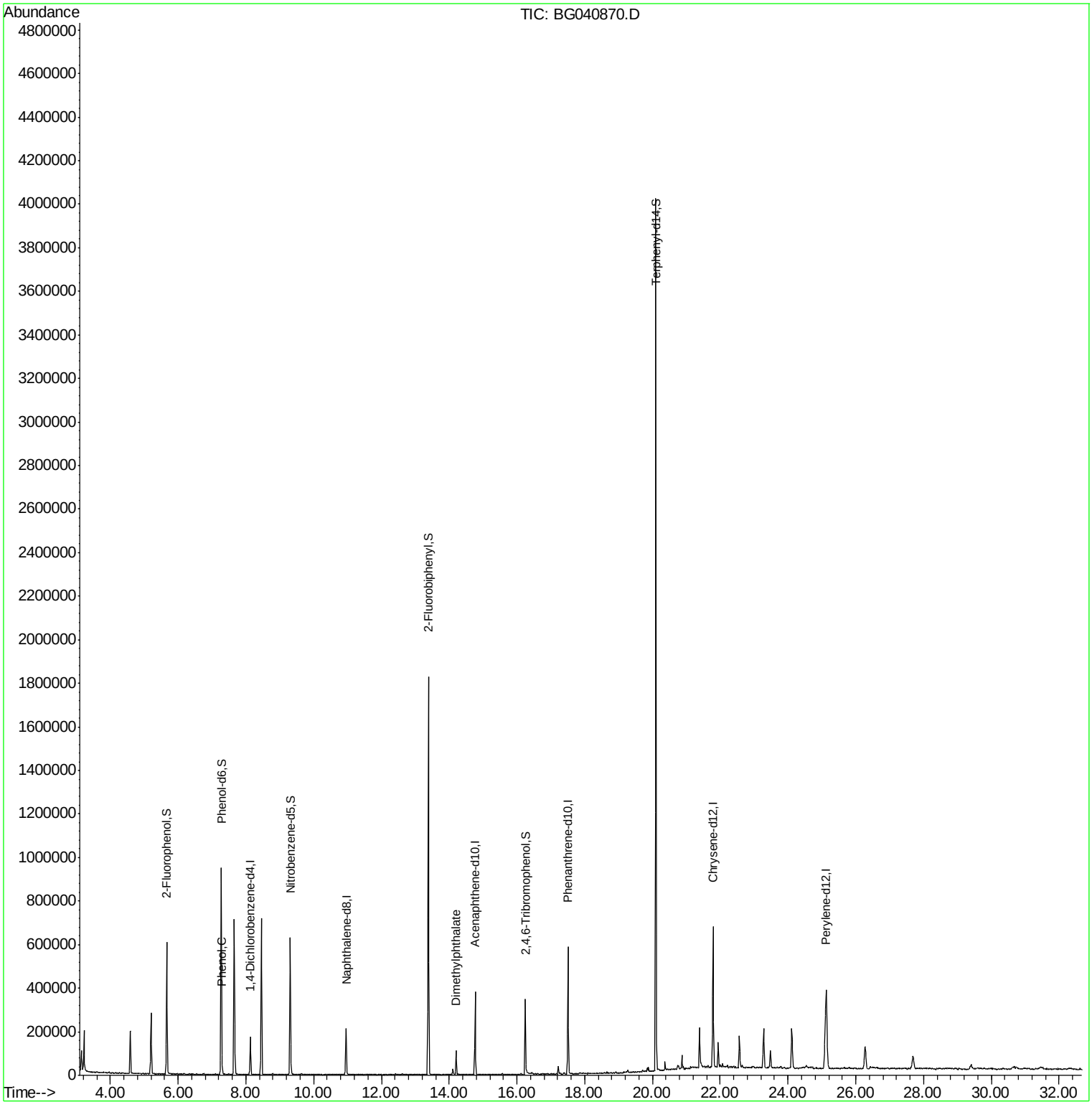
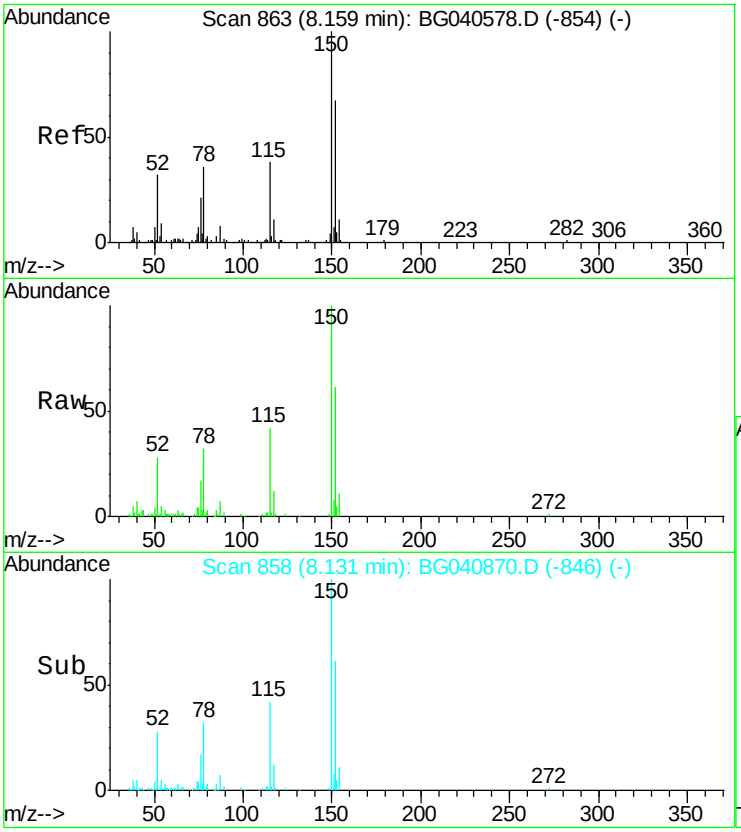


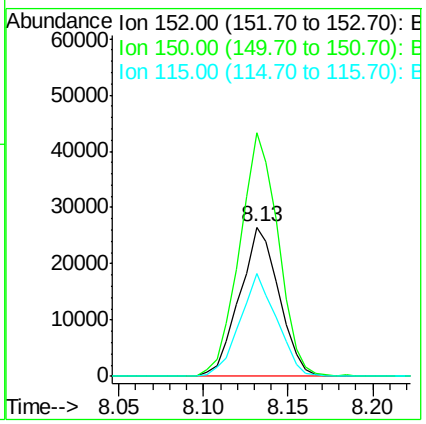


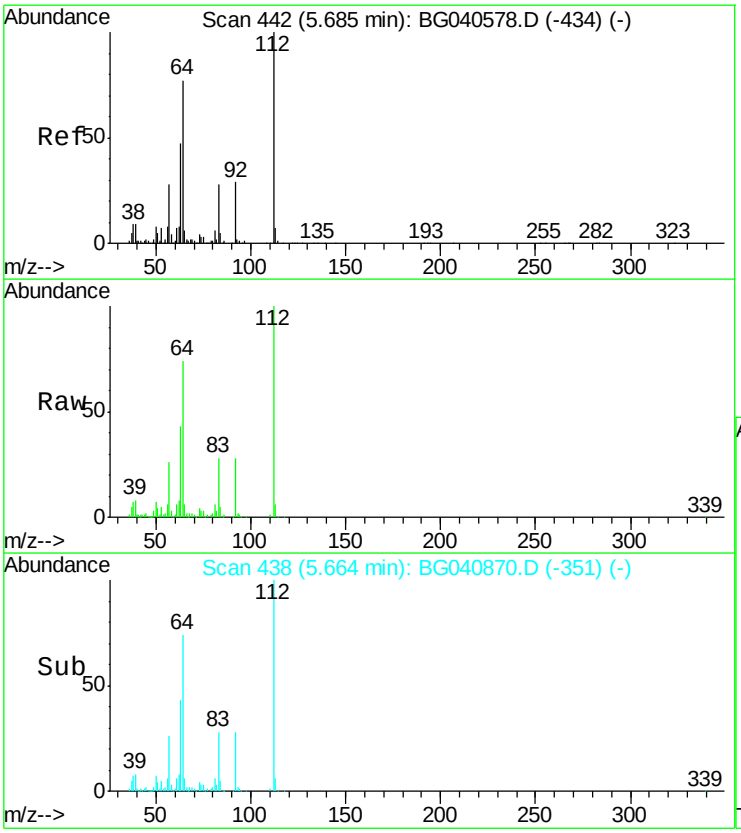
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Instrument :
BNA_G
ClientSampleId :
TRS-2

Tgt Ion:152 Resp: 42923

Ion	Ratio	Lower	Upper
152	100		
150	163.5	120.2	180.2
115	69.2	46.2	69.2

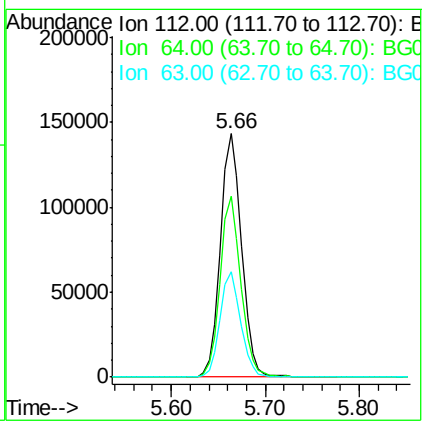


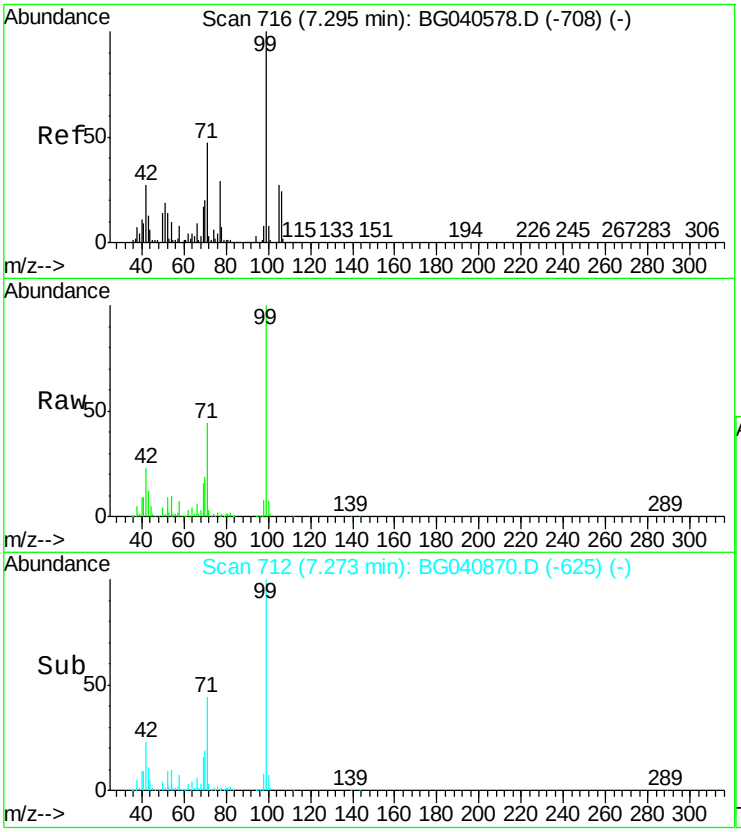


#5
2-Fluorophenol
Concen: 92.728 ng
RT: 5.66 min Scan# 438
Delta R.T. -0.02 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Tgt Ion:112 Resp: 225790

Ion	Ratio	Lower	Upper
112	100		
64	74.1	61.4	92.0
63	43.3	37.8	56.6



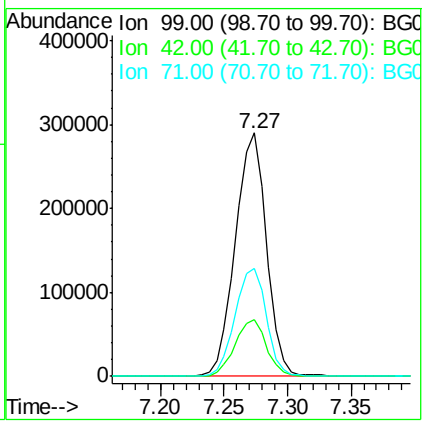


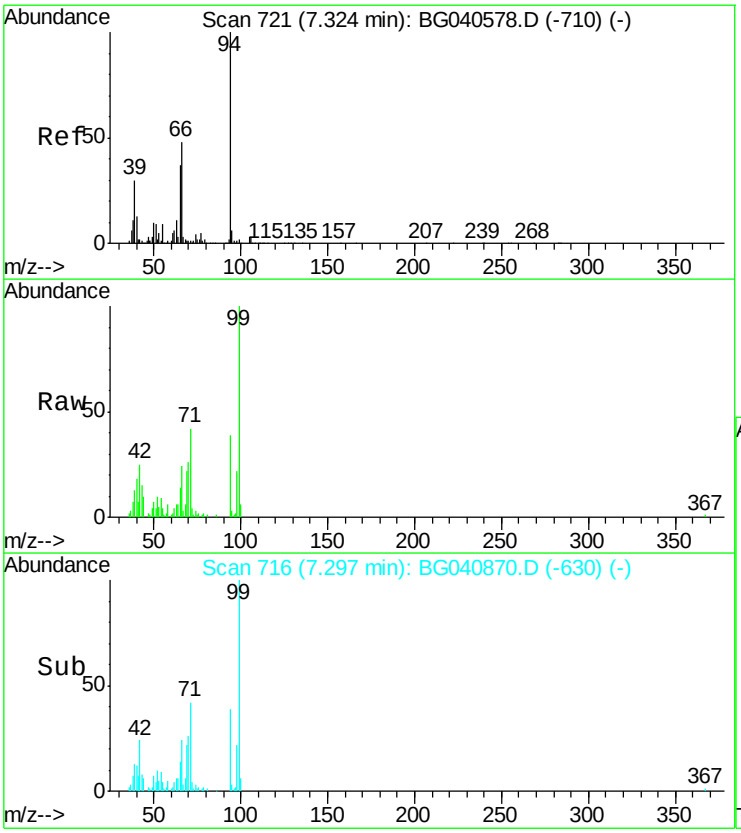
#7
Phenol-d6
Concen: 131.911 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.02 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Instrument :
BNA_G
ClientSampleId :
TRS-2

Tgt Ion: 99 Resp: 494559

Ion	Ratio	Lower	Upper
99	100		
42	23.1	21.8	32.8
71	44.3	38.6	57.8

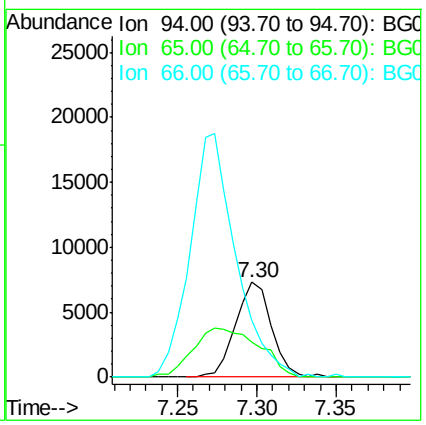


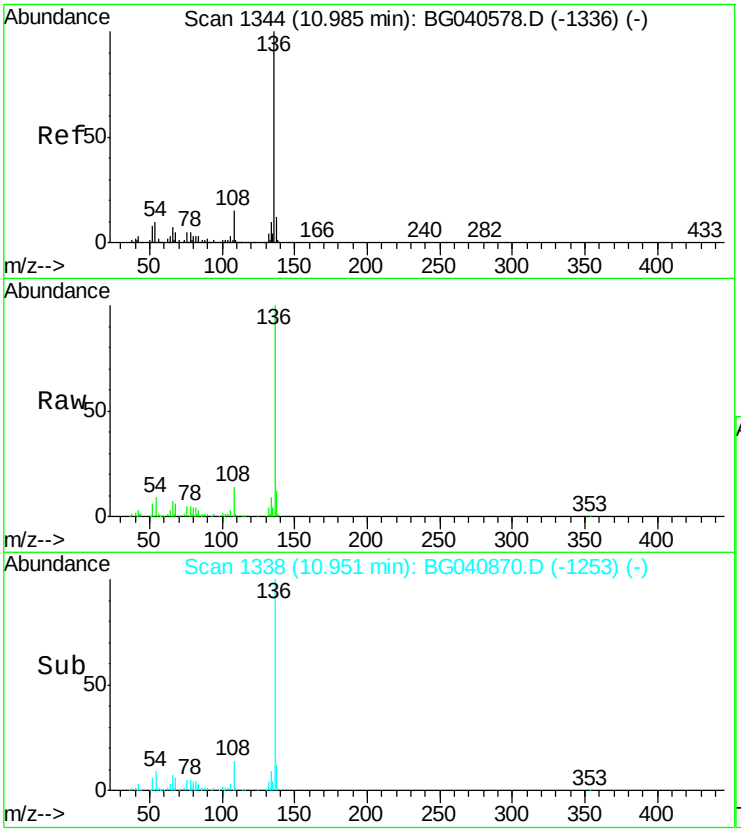


#10
Phenol
Concen: 2.849 ng
RT: 7.30 min Scan# 716
Delta R.T. -0.03 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Tgt Ion: 94 Resp: 11481

Ion	Ratio	Lower	Upper
94	100		
65	36.3	17.0	57.0
66	60.1	28.6	68.6



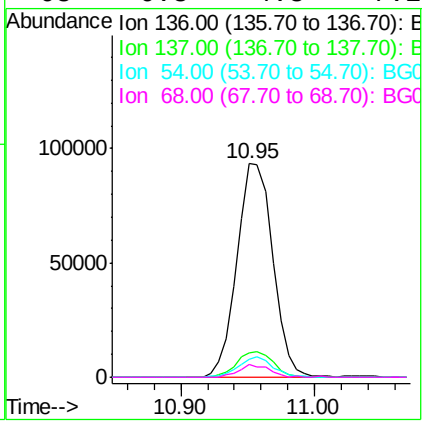


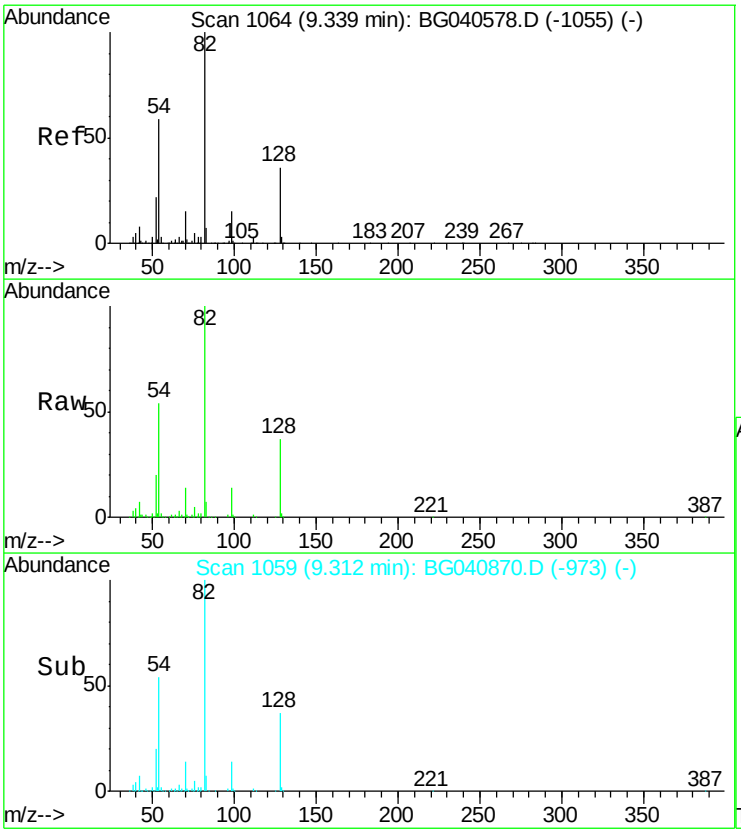
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.03 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Instrument :
BNA_G
ClientSampleId :
TRS-2

Tgt Ion:136 Resp: 174259

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	8.7	8.6	12.8
68	6.3	4.8	7.2

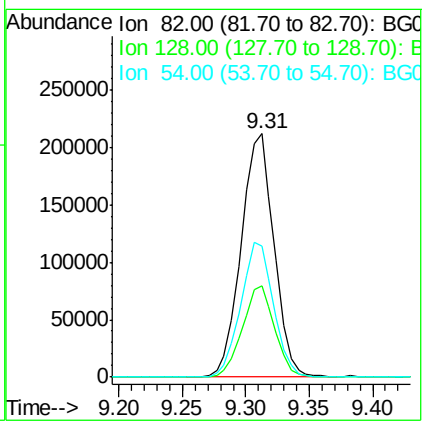


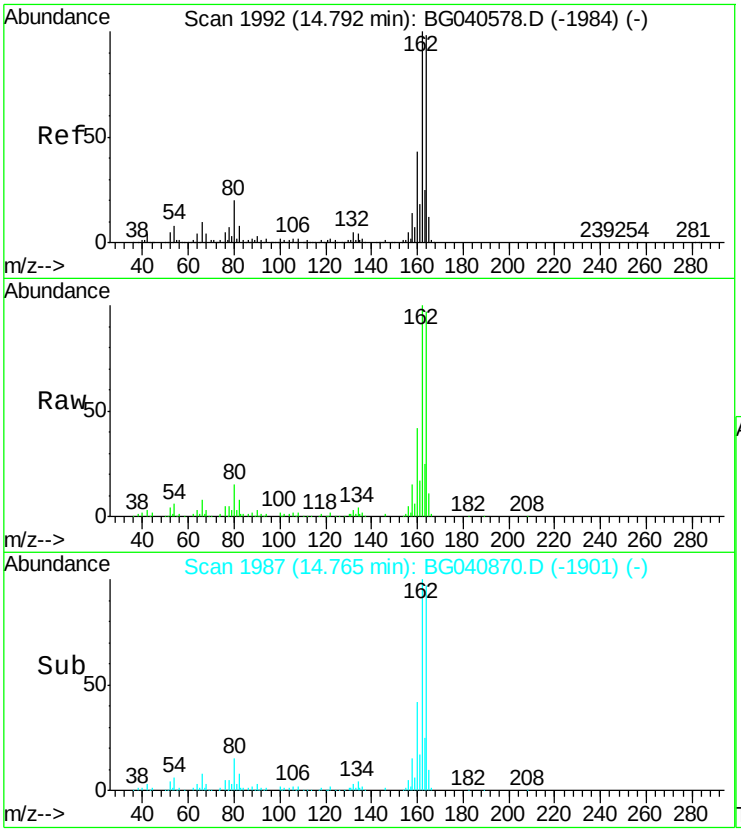


#23
Nitrobenzene-d5
Concen: 101.171 ng
RT: 9.31 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Tgt Ion: 82 Resp: 381548

Ion	Ratio	Lower	Upper
82	100		
128	37.4	28.9	43.3
54	53.9	47.2	70.8



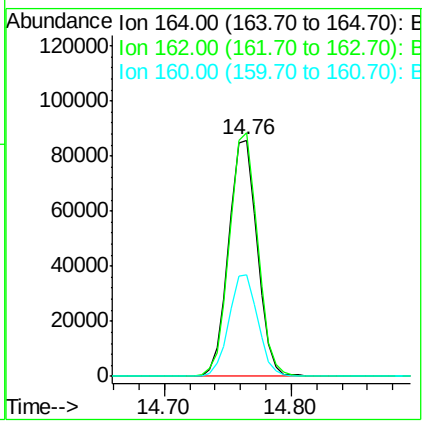


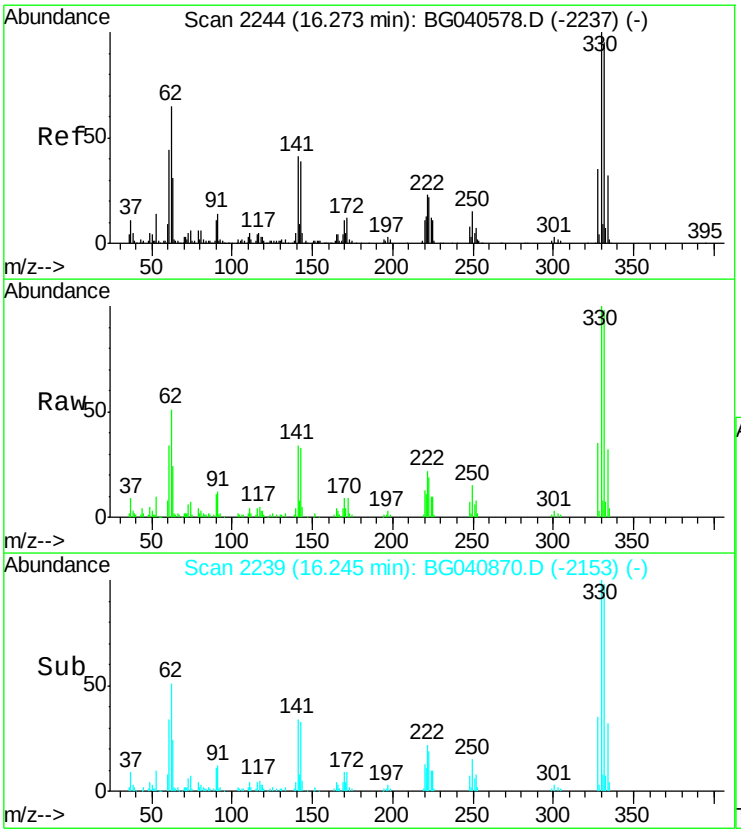
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Instrument :
BNA_G
ClientSampleId :
TRS-2

Tgt Ion:164 Resp: 133049

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.9	122.9
160	43.0	35.4	53.2

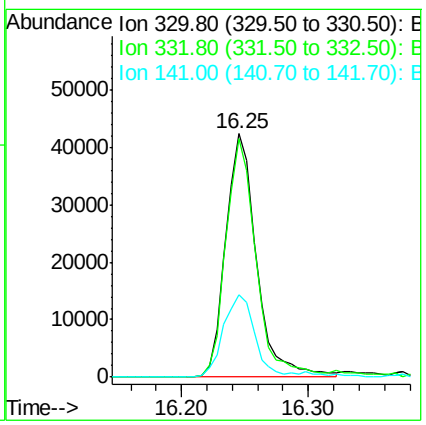


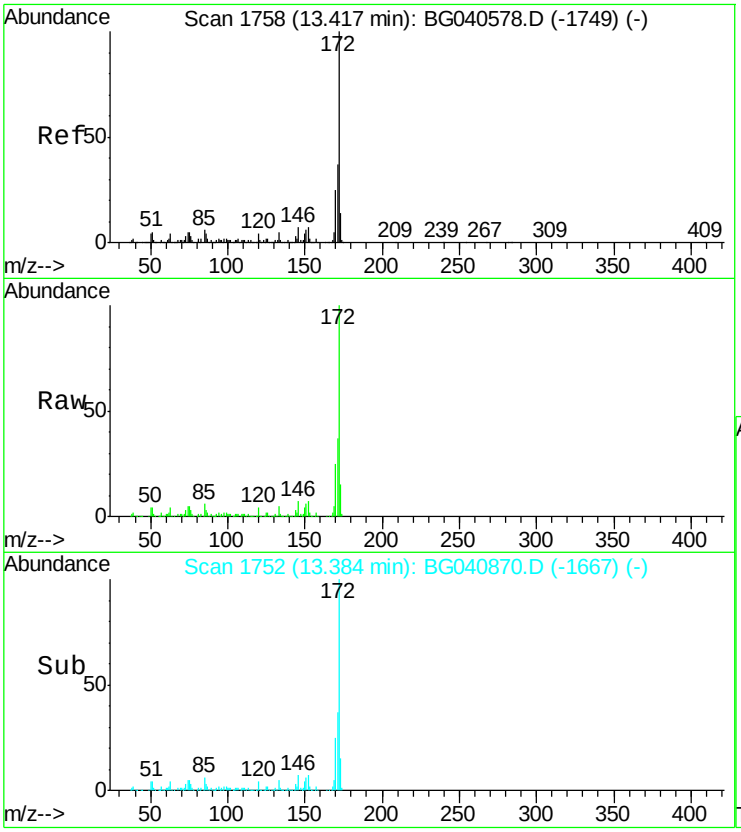


#42
2,4,6-Tribromophenol
Concen: 38.940 ng
RT: 16.25 min Scan# 2239
Delta R.T. -0.03 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Tgt Ion:330 Resp: 71213

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.9	113.9
141	34.6	32.4	48.6



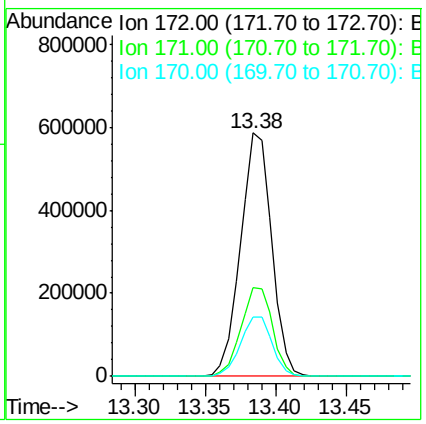


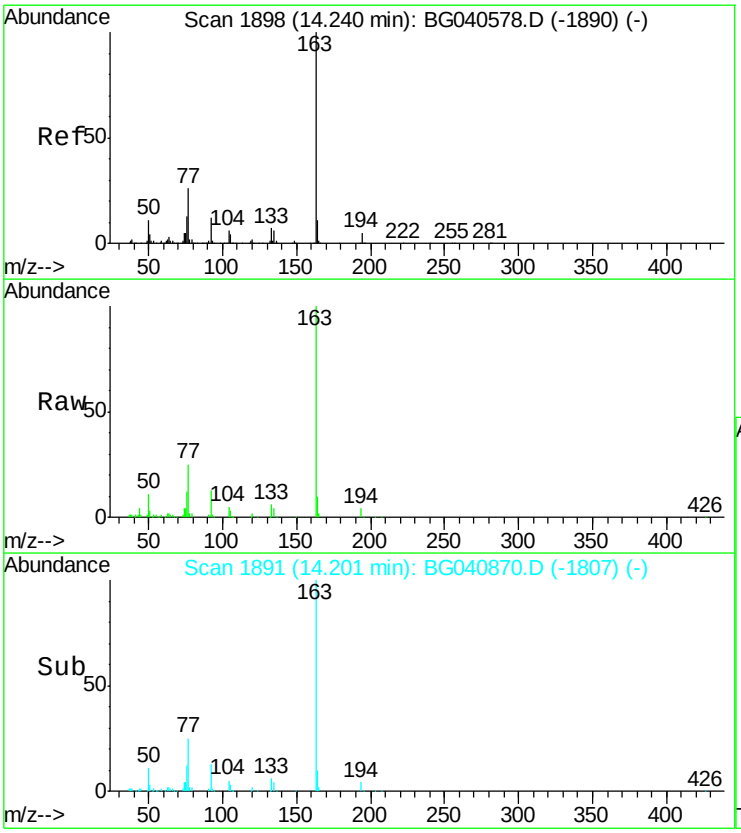
#45
2-Fluorobiphenyl
Concen: 98.430 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Instrument :
BNA_G
ClientSampleId :
TRS-2

Tgt Ion:172 Resp: 906800

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.6	19.9	29.9

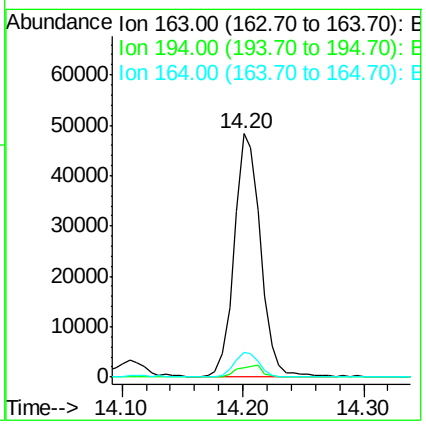


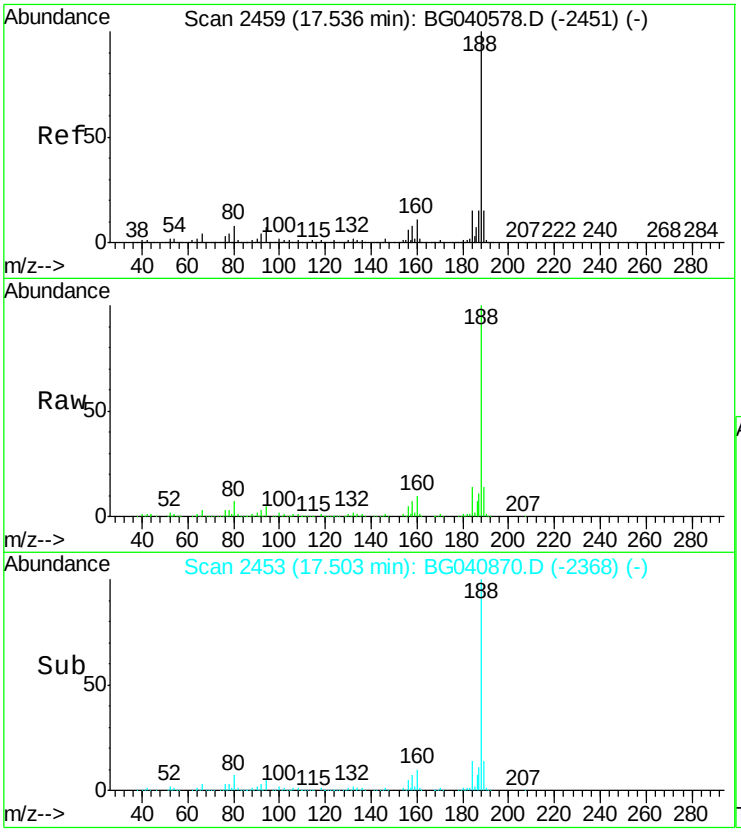


#50
Dimethylphthalate
Concen: 6.588 ng
RT: 14.20 min Scan# 1891
Delta R.T. -0.04 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Tgt Ion:163 Resp: 73332

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.8	5.8#
164	10.1	8.8	13.2



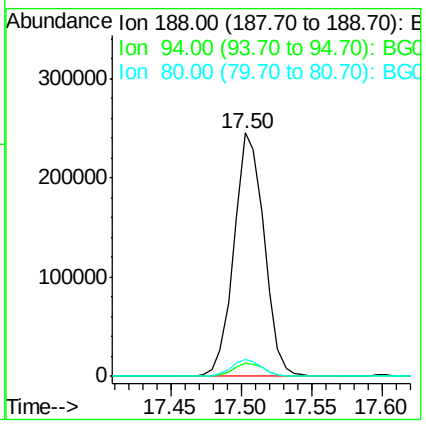


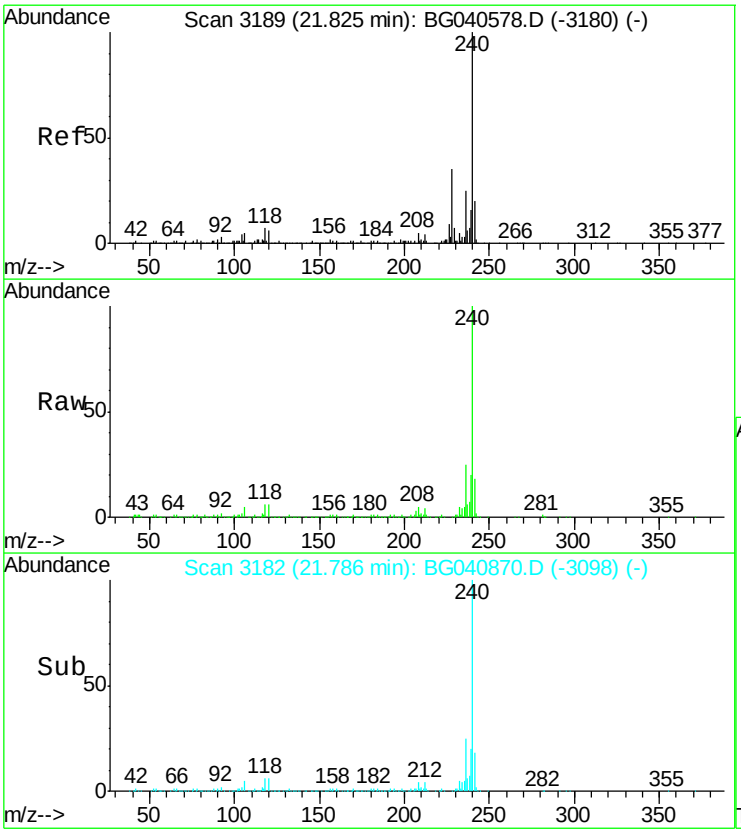
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.03 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Instrument :
BNA_G
ClientSampleId :
TRS-2

Tgt Ion:188 Resp: 365601

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.6	8.4#
80	6.9	6.4	9.6

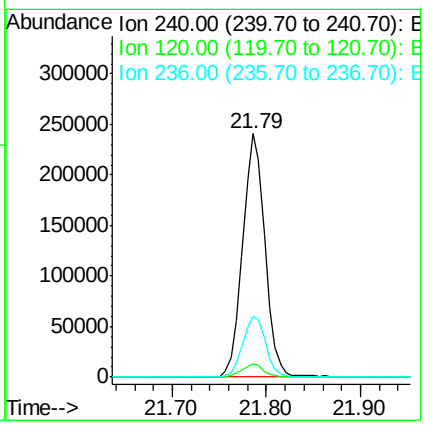


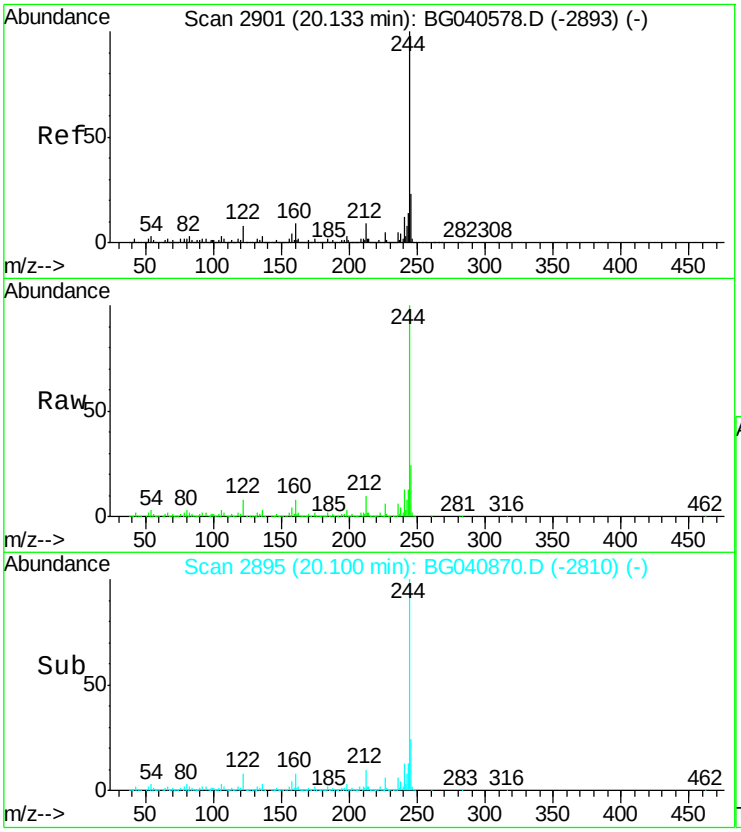


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3182
Delta R.T. -0.04 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Tgt Ion:240 Resp: 395211

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.0	7.6
236	25.1	20.3	30.5



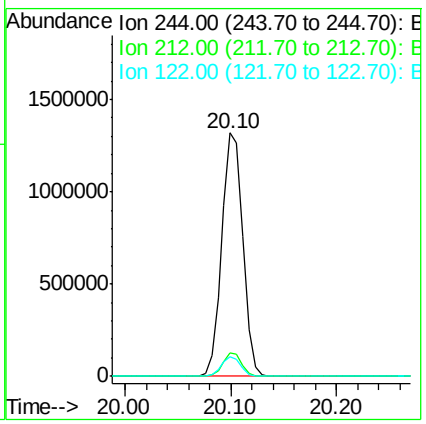


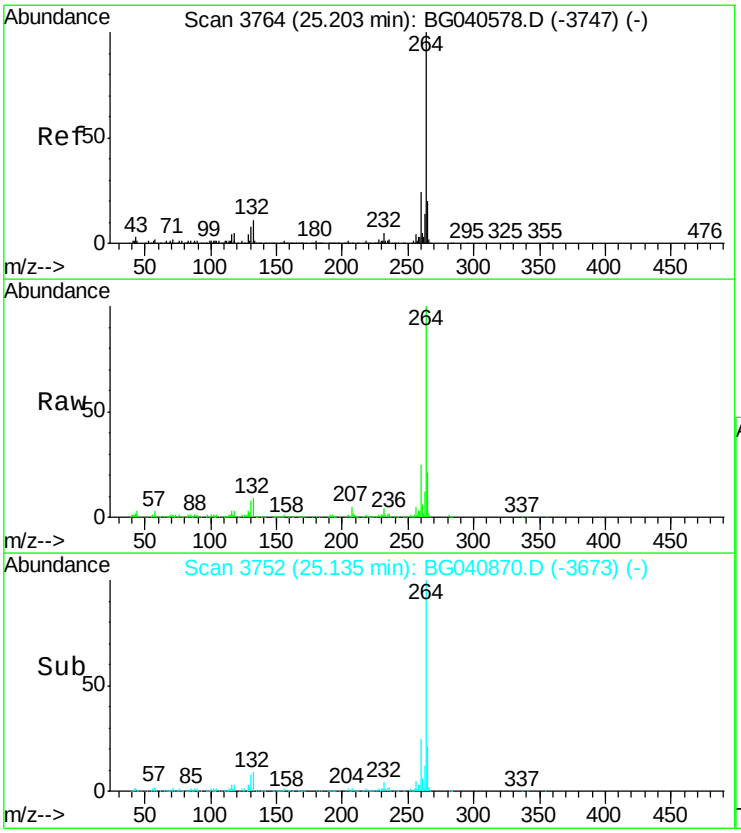
#79
Terphenyl-d14
Concen: 101.852 ng
RT: 20.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Instrument :
BNA_G
ClientSampleId :
TRS-2

Tgt Ion:244 Resp: 1816940

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.2	10.8
122	8.2	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.13 min Scan# 3752
Delta R.T. -0.07 min
Lab File: BG040870.D
Acq: 11 May 2019 6:48

Tgt Ion:264 Resp: 408953

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.3	16.6	25.0