Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042612.D
Acq On : 30 Aug 2019 22:33
Operator : HP/JU
Sample : K4618-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4-28-30

Quant Time: Aug 31 01:46:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33588	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	127950	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	96582	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	228073	20.00	ng	0.00
76) Chrysene-d12	21.68	240	246090	20.00	ng	-0.01
87) Perylene-d12	24.92	264	290103	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	215664	130.04	ng	0.00
7) Phenol-d6	7.16	99	290454	129.66	ng	0.00
23) Nitrobenzene-d5	9.17	82	160252	86.55	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	191342	139.39	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	451827	79.12	ng	0.00
79) Terphenyl-d14	20.02	244	899799	79.05	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.19	94	21988	9.654	ng	90
50) Dimethylphthalate	14.11	163	49978	7.172	ng	97

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

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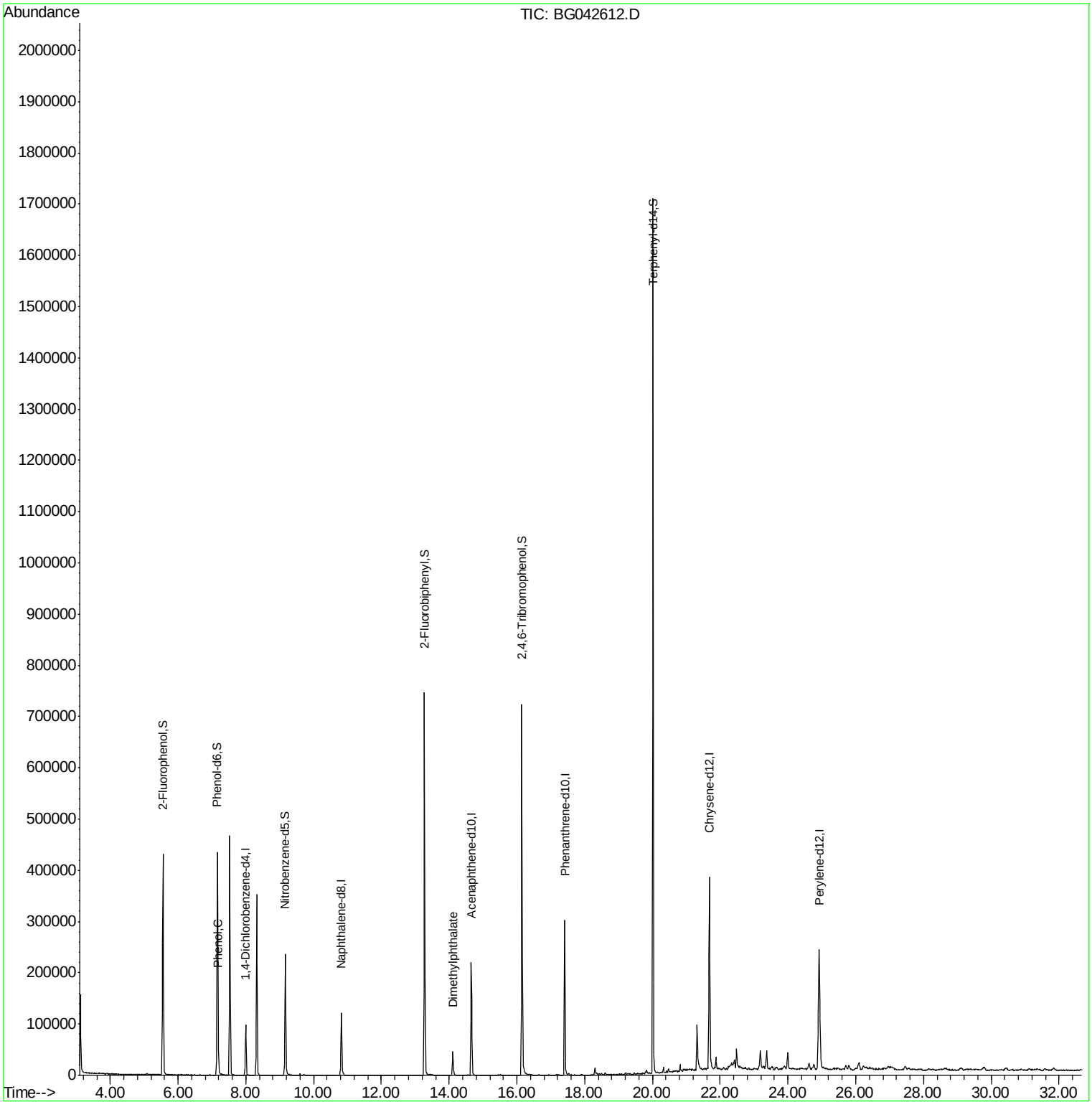
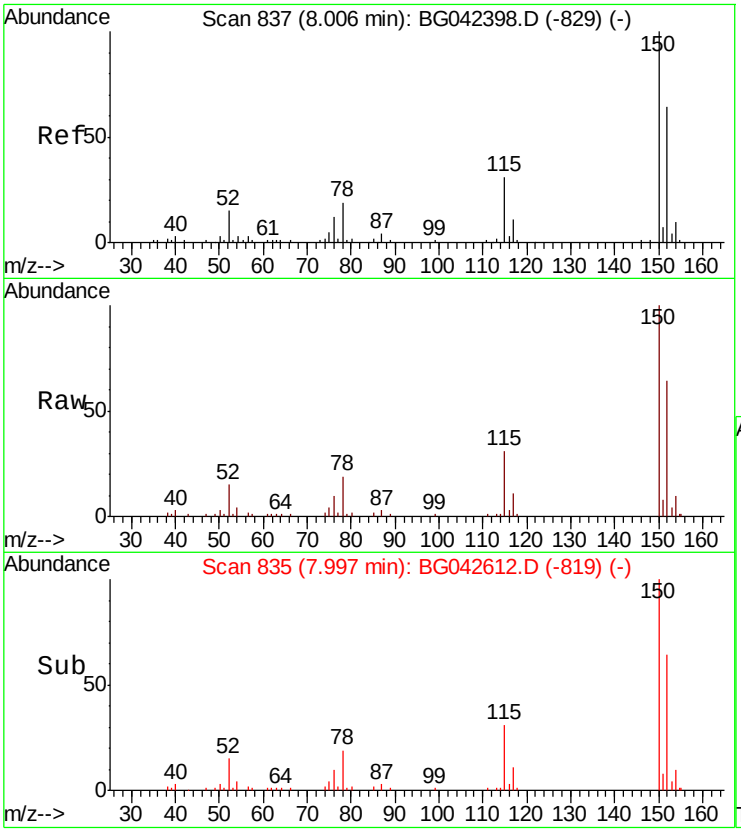


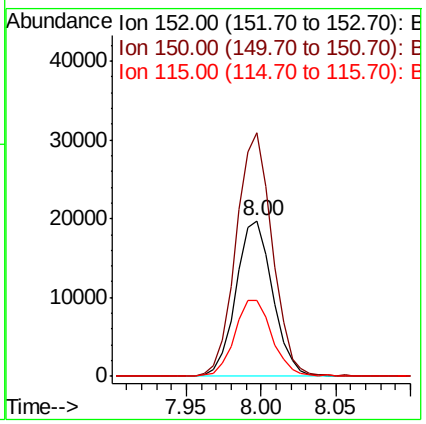


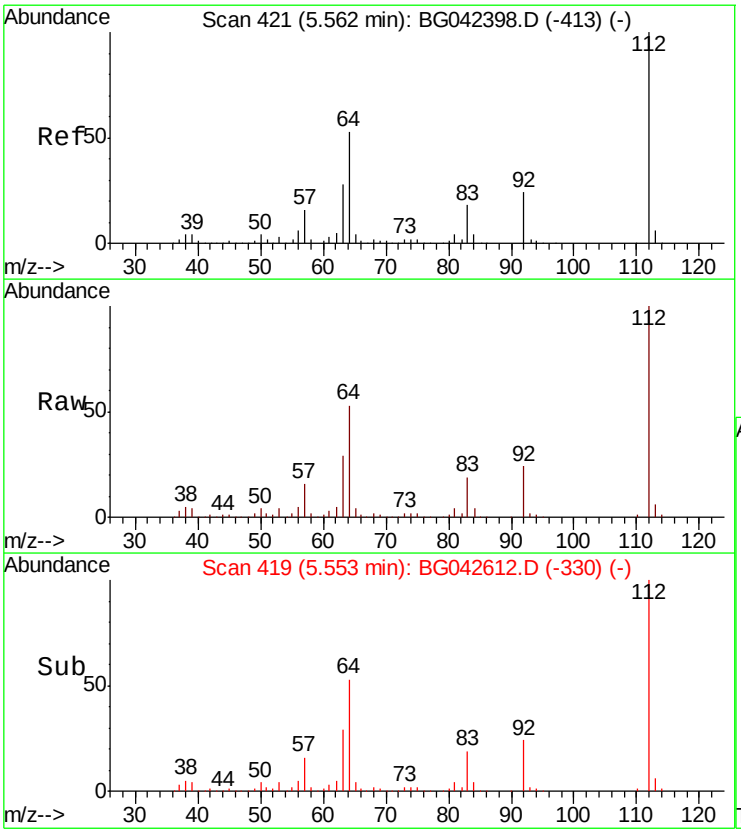
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Instrument :
BNA_G
ClientSampleId :
SB-4-28-30

Tgt Ion:152 Resp: 33588

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.4	188.0
115	48.7	38.5	57.7

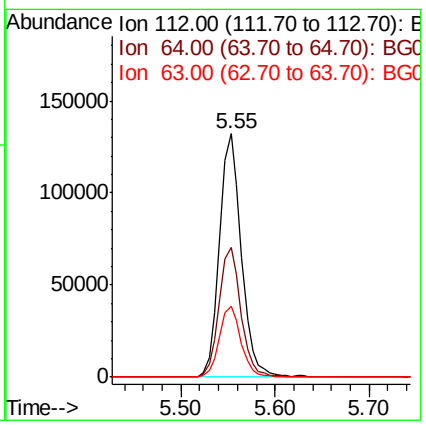


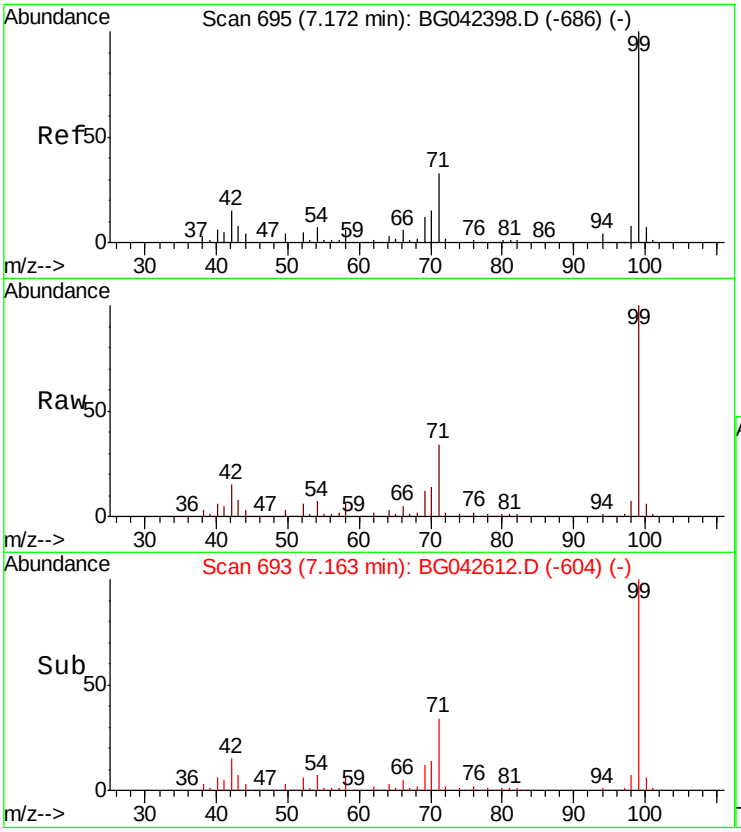


#5
2-Fluorophenol
Concen: 130.041 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Tgt Ion:112 Resp: 215664

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.8	64.2
63	29.3	22.7	34.1



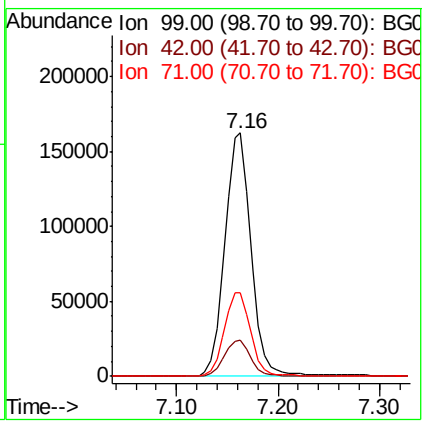


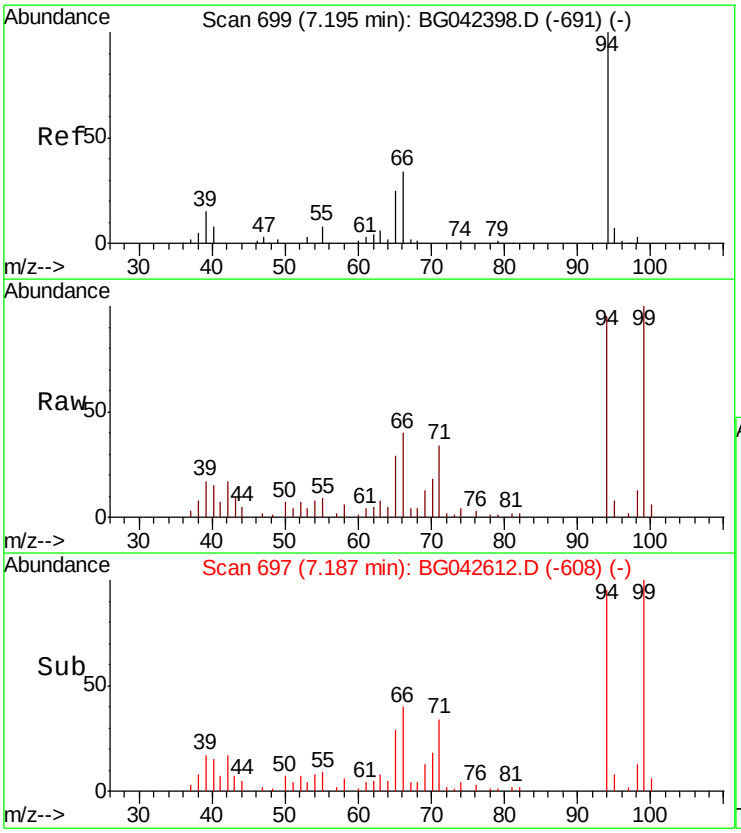
#7
Phenol-d6
Concen: 129.658 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Instrument :
BNA_G
ClientSampleId :
SB-4-28-30

Tgt Ion: 99 Resp: 290454

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.0	18.0
71	34.2	26.3	39.5

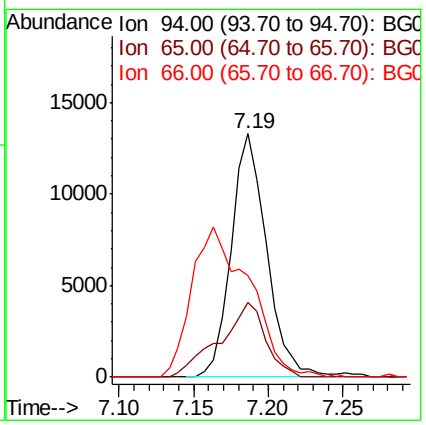


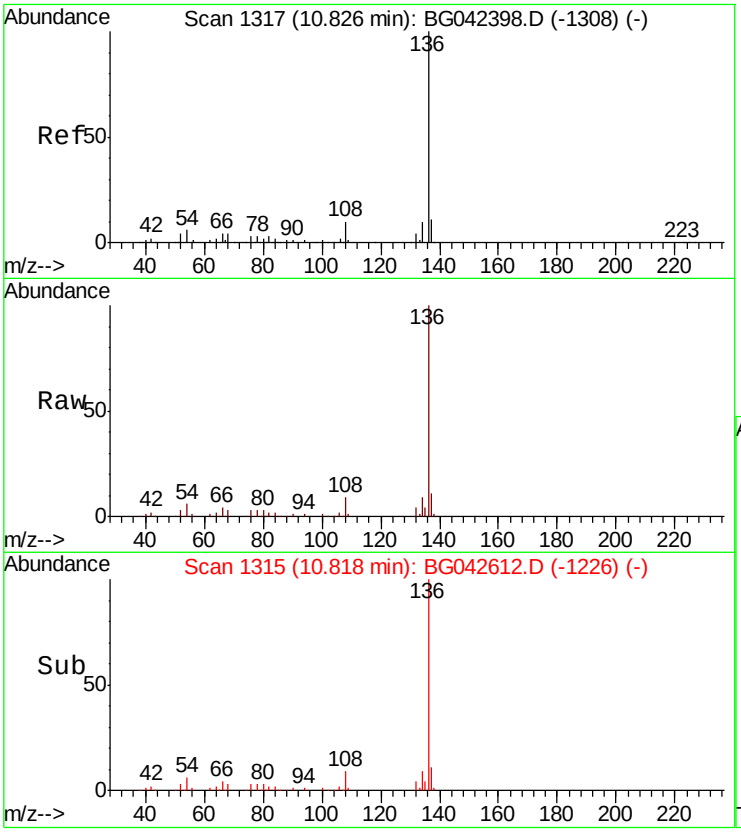


#10
Phenol
Concen: 9.654 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Tgt Ion: 94 Resp: 21988

Ion	Ratio	Lower	Upper
94	100		
65	30.4	5.6	45.6
66	41.6	16.0	56.0



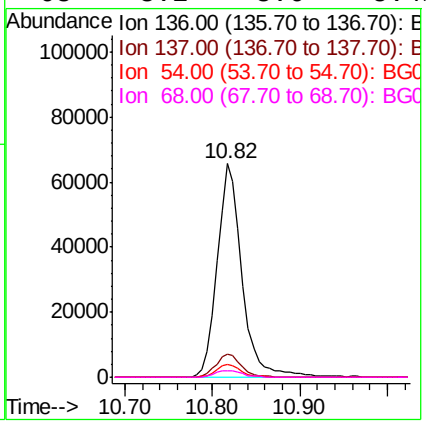


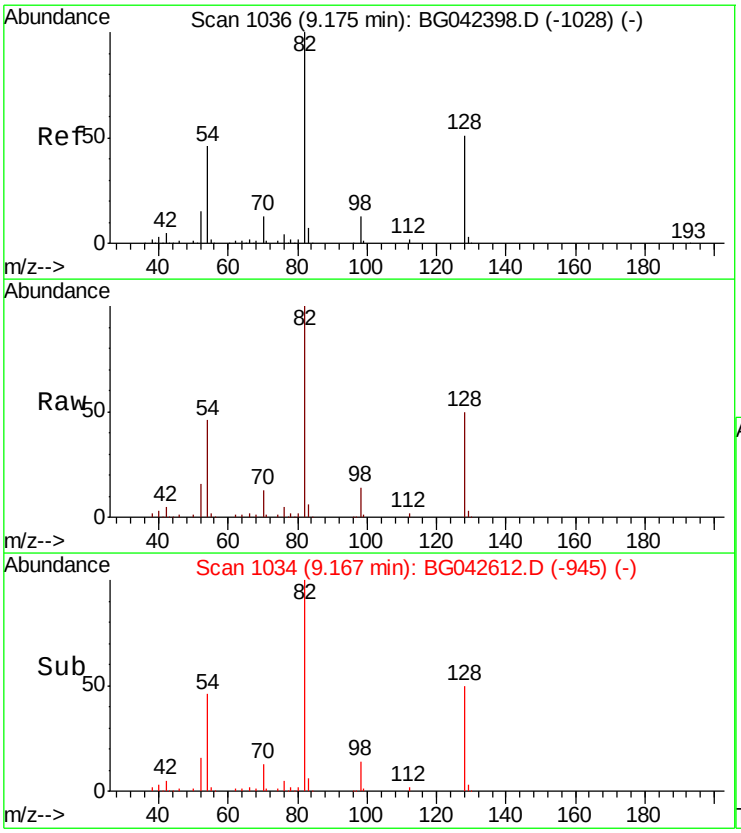
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Instrument :
BNA_G
ClientSampleId :
SB-4-28-30

Tgt Ion:136 Resp: 127950

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.3	4.9	7.3
68	3.2	3.6	5.4#

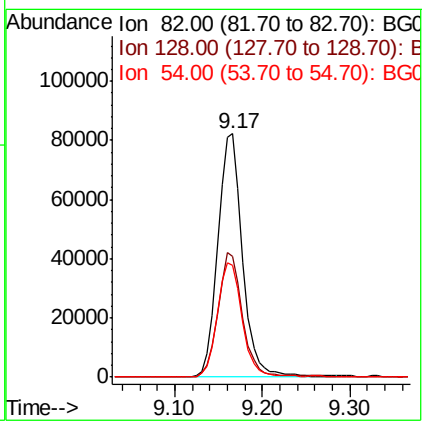


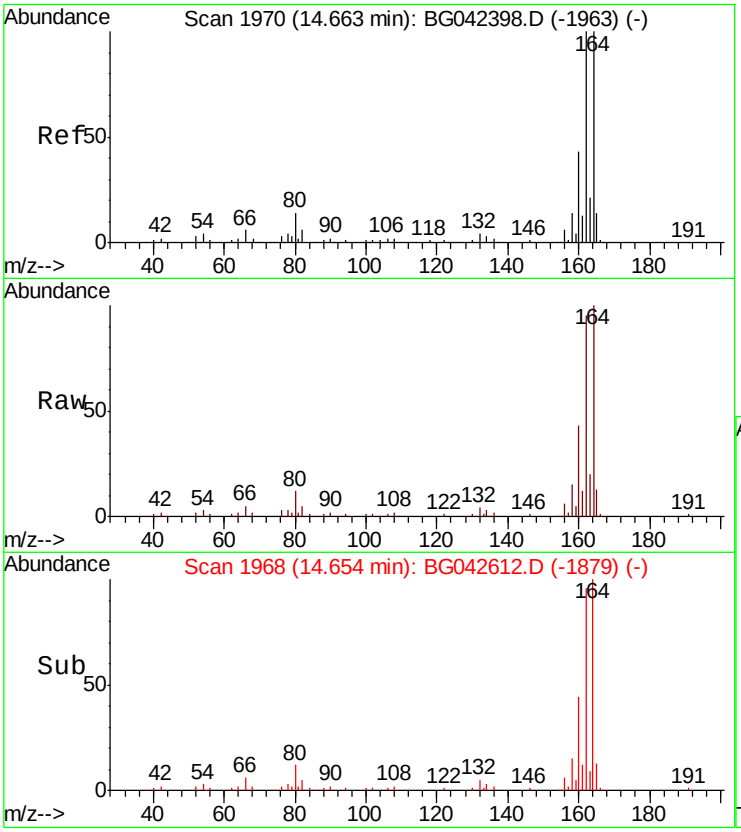


#23
Nitrobenzene-d5
Concen: 86.550 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Tgt Ion: 82 Resp: 160252

Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.7	61.1
54	46.1	36.3	54.5



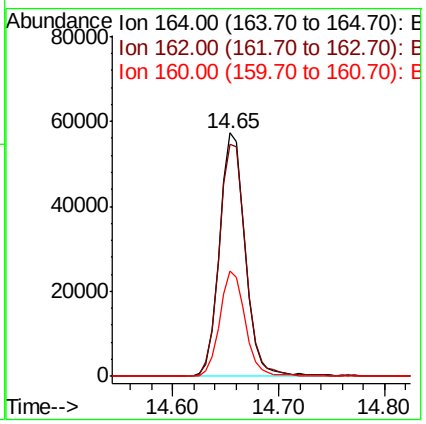


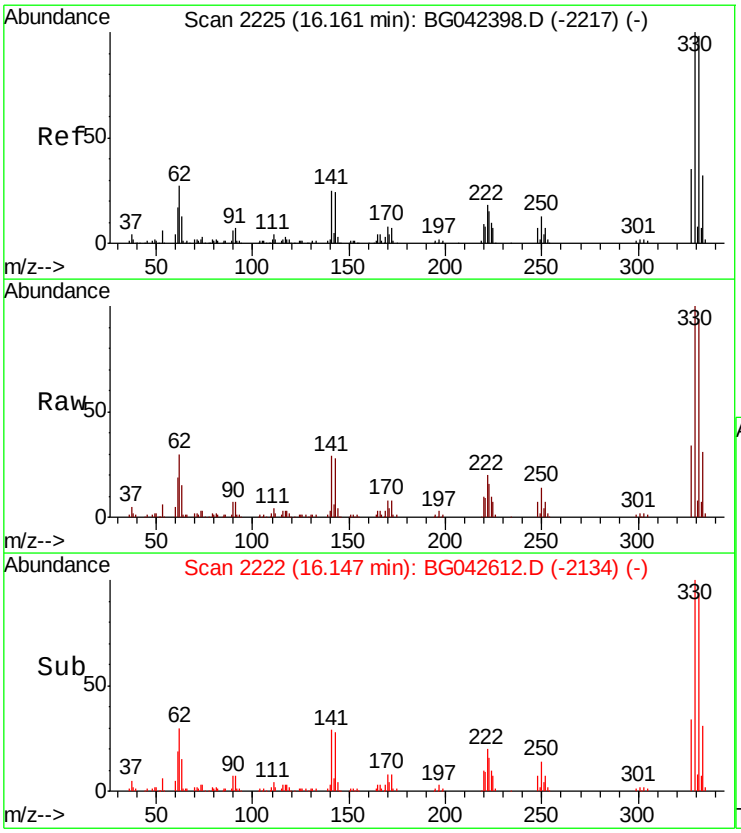
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Instrument :
BNA_G
ClientSampleId :
SB-4-28-30

Tgt Ion:164 Resp: 96582

Ion	Ratio	Lower	Upper
164	100		
162	95.2	79.9	119.9
160	43.3	34.3	51.5

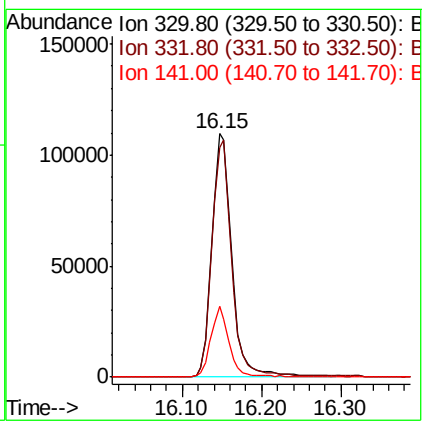


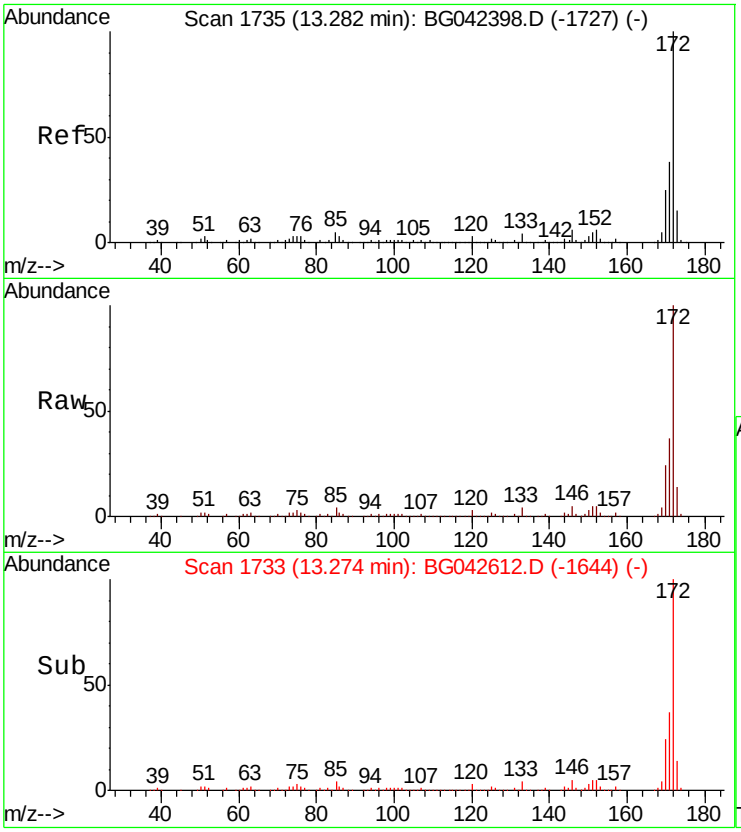


#42
2,4,6-Tribromophenol
Concen: 139.385 ng
RT: 16.15 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Tgt Ion:330 Resp: 191342

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	26.8	21.4	32.0



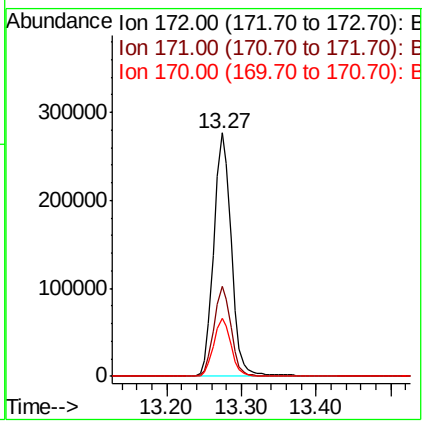


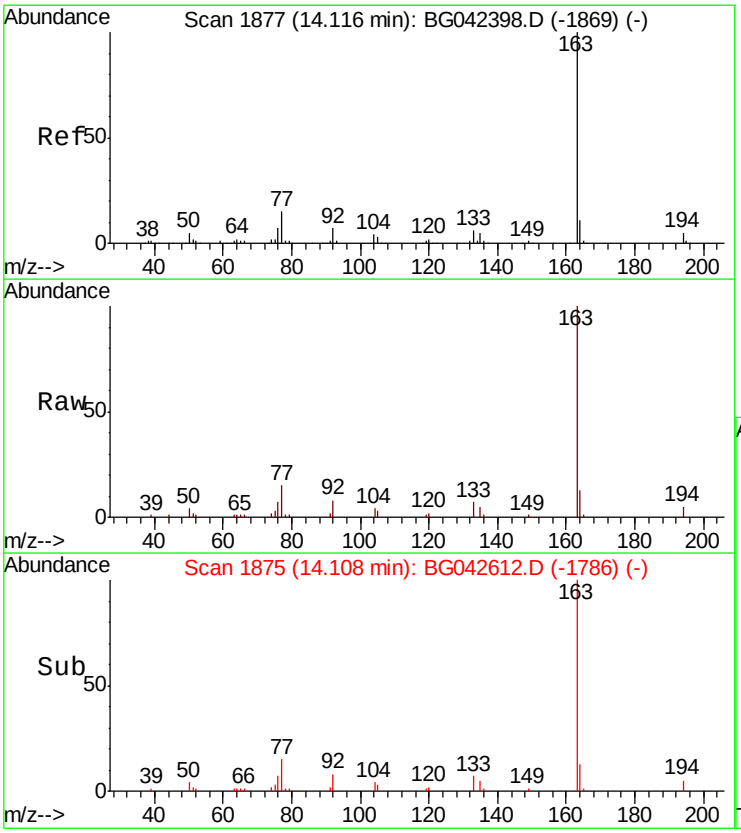
#45
2-Fluorobiphenyl
Concen: 79.121 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Instrument :
BNA_G
ClientSampleId :
SB-4-28-30

Tgt Ion:172 Resp: 451827

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.1	20.2	30.2

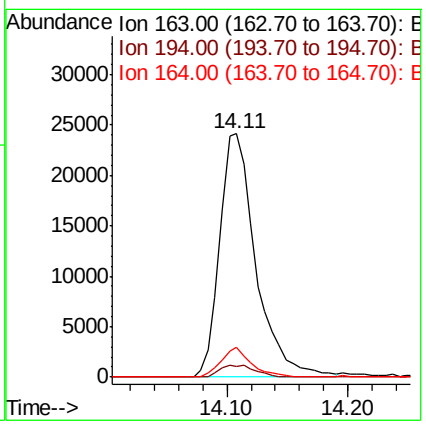


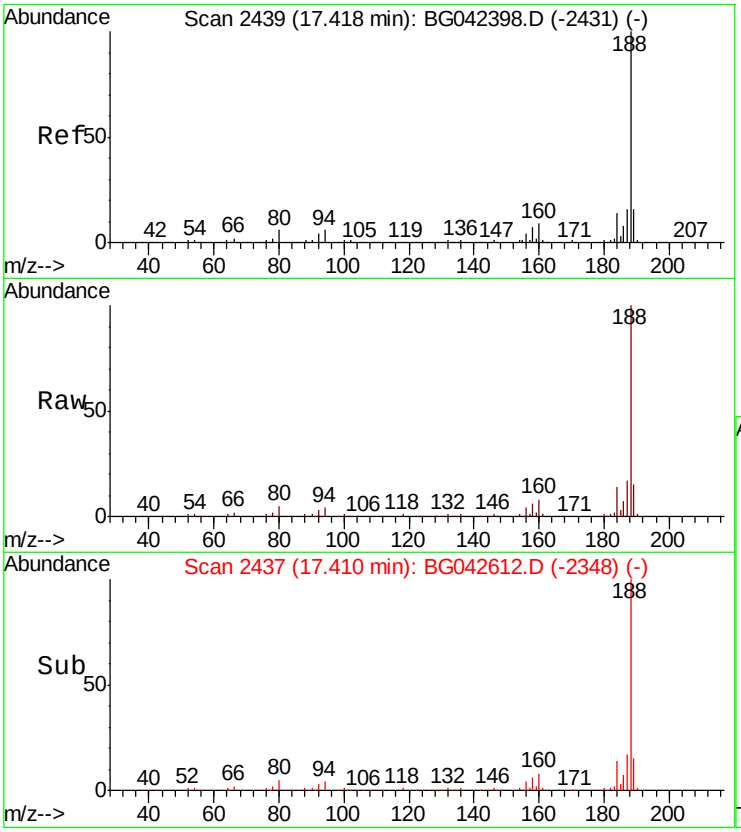


#50
Dimethylphthalate
Concen: 7.172 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Tgt Ion:163 Resp: 49978

Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.2	6.2
164	12.5	8.8	13.2



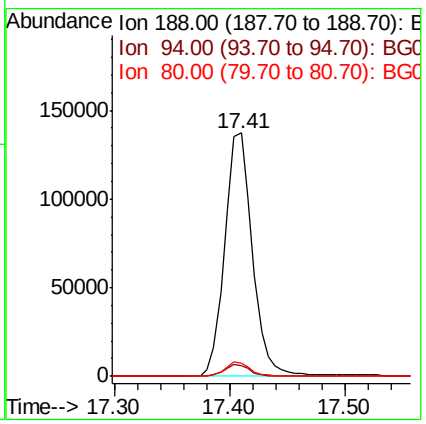


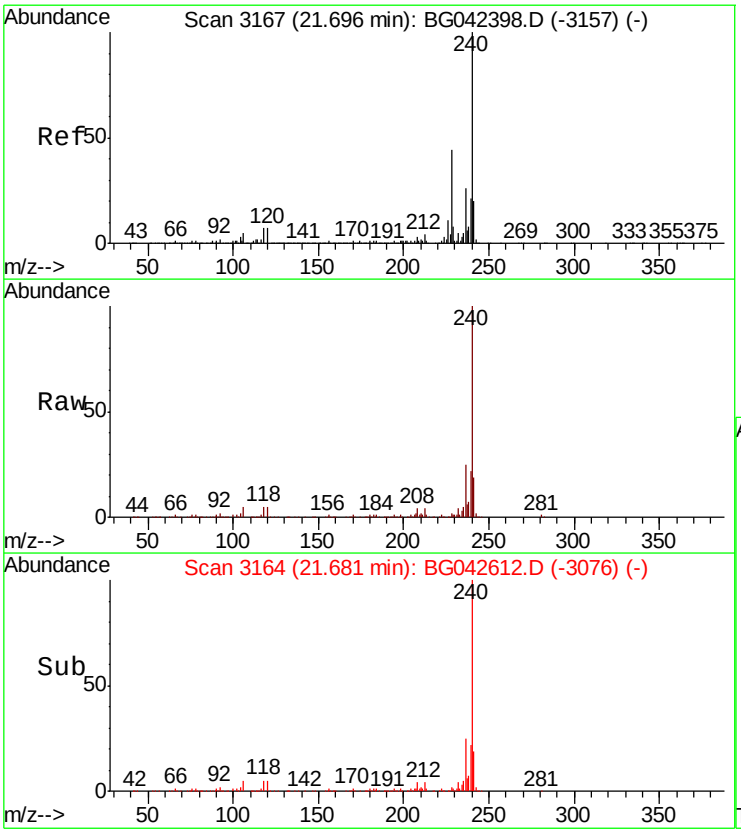
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Instrument :
BNA_G
ClientSampleId :
SB-4-28-30

Tgt Ion:188 Resp: 228073

Ion	Ratio	Lower	Upper
188	100		
94	4.4	4.5	6.7#
80	5.2	4.9	7.3

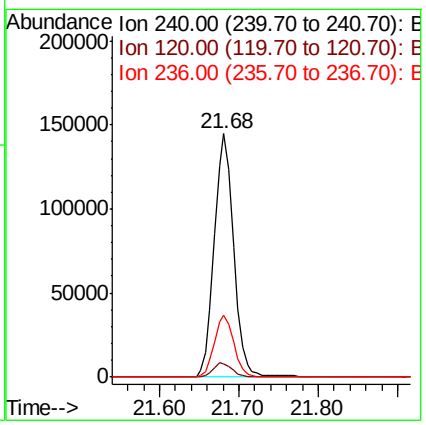


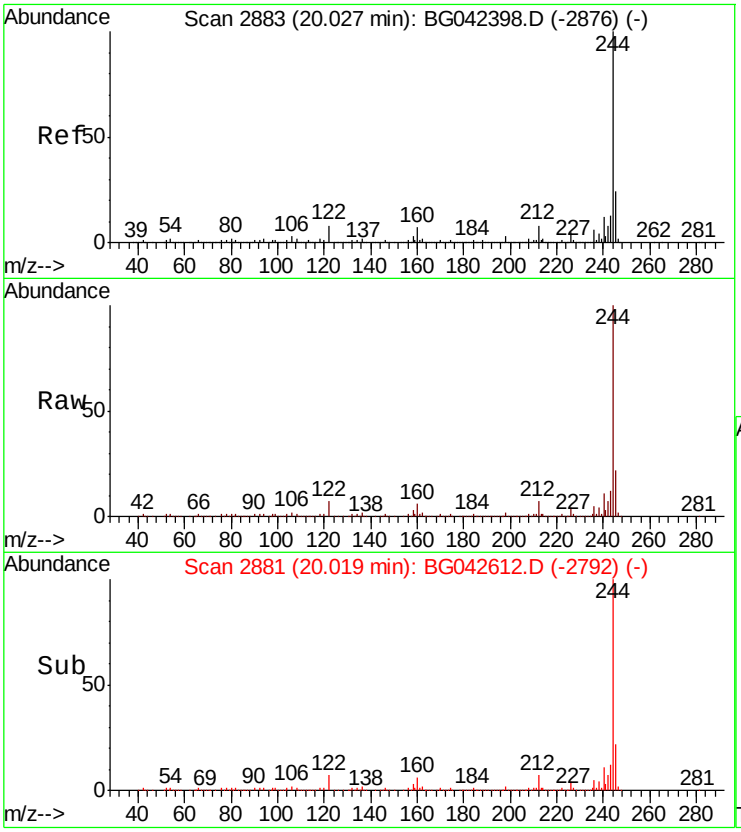


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Tgt Ion:240 Resp: 246090

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.7	8.5#
236	25.5	21.0	31.4



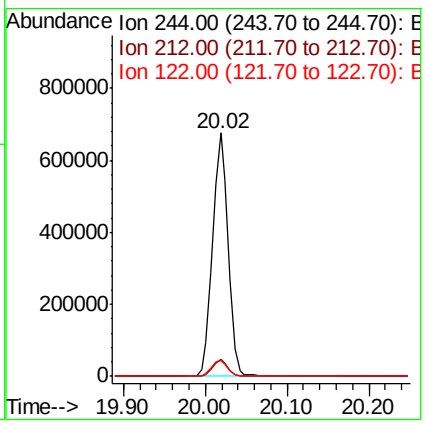


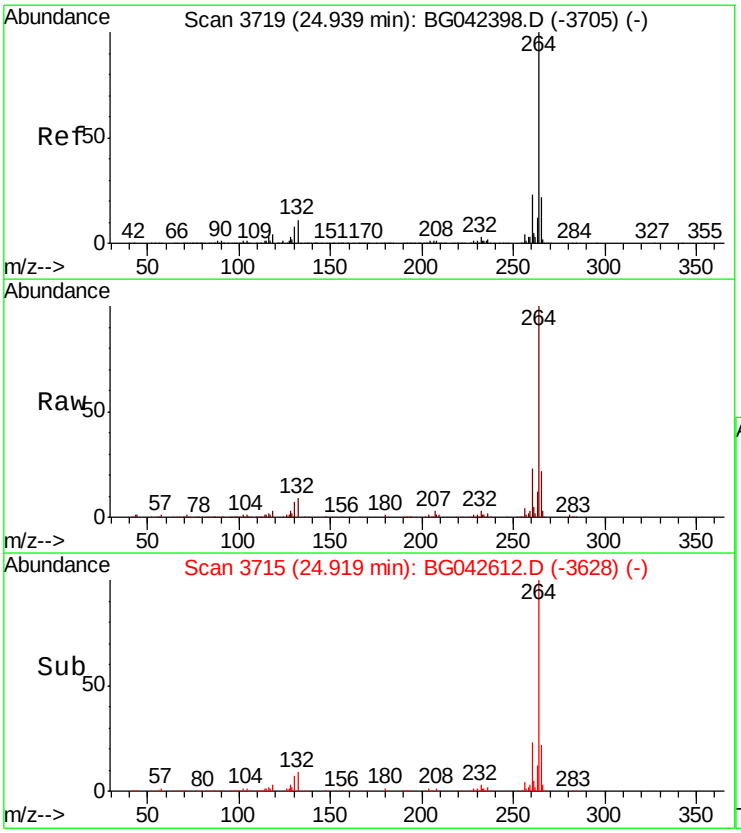
#79
Terphenyl-d14
Concen: 79.048 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Instrument :
BNA_G
ClientSampleId :
SB-4-28-30

Tgt Ion:244 Resp: 899799

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	6.7	6.7	10.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Tgt Ion:264 Resp: 290103

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.1	17.6	26.4