Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042510.D
Acq On : 27 Aug 2019 18:51
Operator : HP/JU
Sample : K4551-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S402-K1-1.0-1.5-082619

Quant Time: Aug 28 05:22:16 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	30396	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	116295	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	86932	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	215878	20.00	ng	0.00
76) Chrysene-d12	21.68	240	300647	20.00	ng	-0.01
87) Perylene-d12	24.92	264	354807	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	145839	97.17	ng	0.00
7) Phenol-d6	7.16	99	188866	93.16	ng	-0.01
23) Nitrobenzene-d5	9.17	82	108532	64.49	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	108647	87.93	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	309626	60.24	ng	0.00
79) Terphenyl-d14	20.02	244	722534	51.96	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.19	94	14158	6.869	ng	95
50) Dimethylphthalate	14.12	163	36231	5.776	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042510.D
Acq On : 27 Aug 2019 18:51
Operator : HP/JU
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Misc :
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Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619

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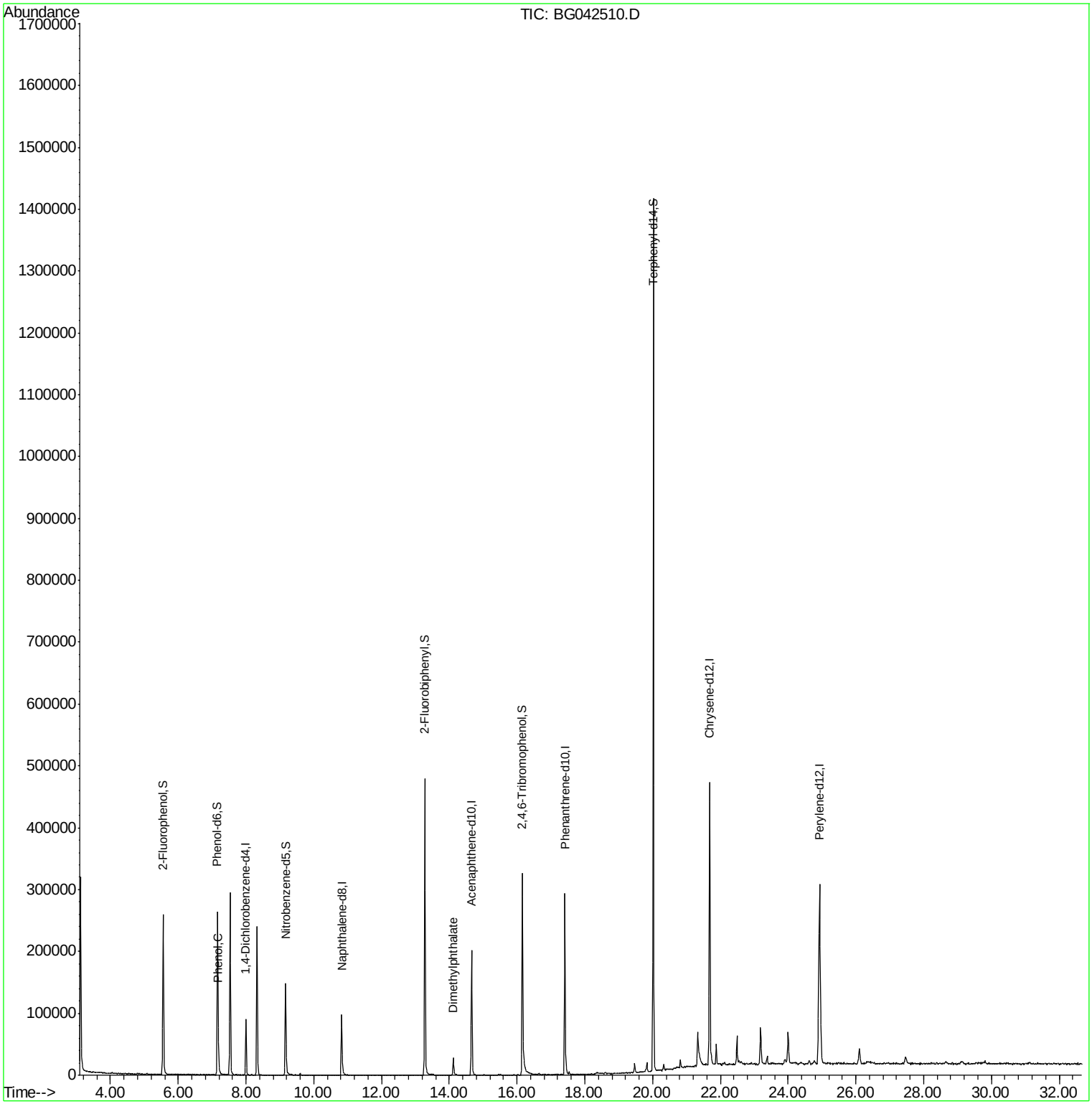
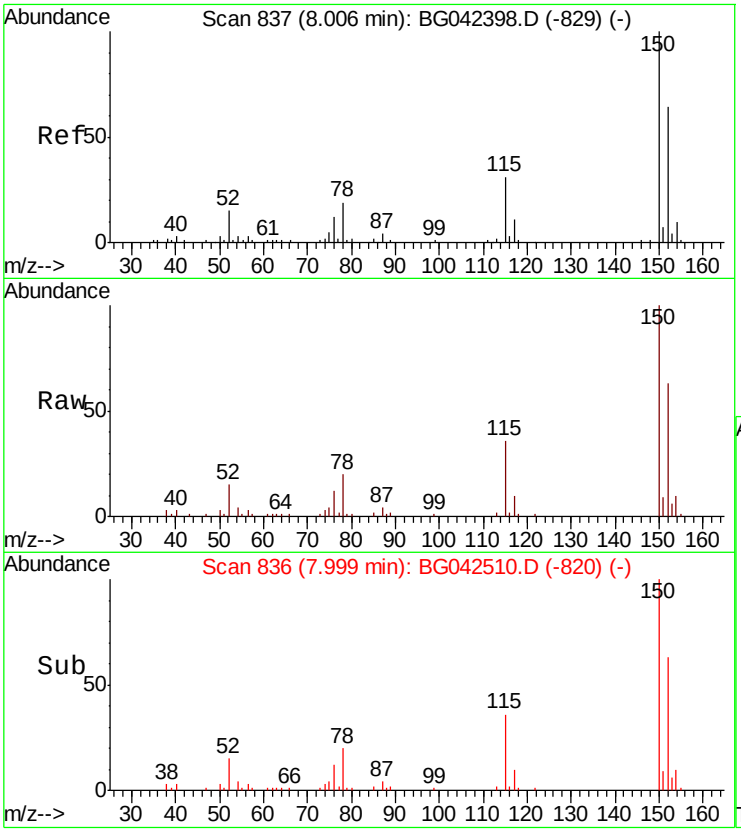
Response via : Initial Calibration



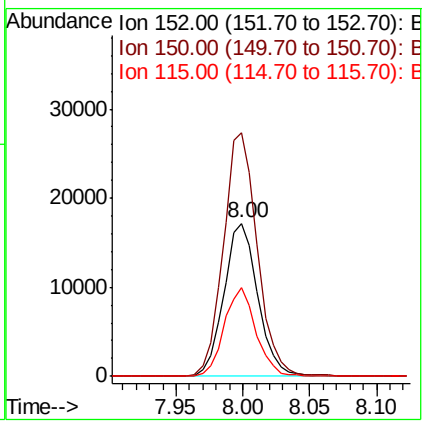


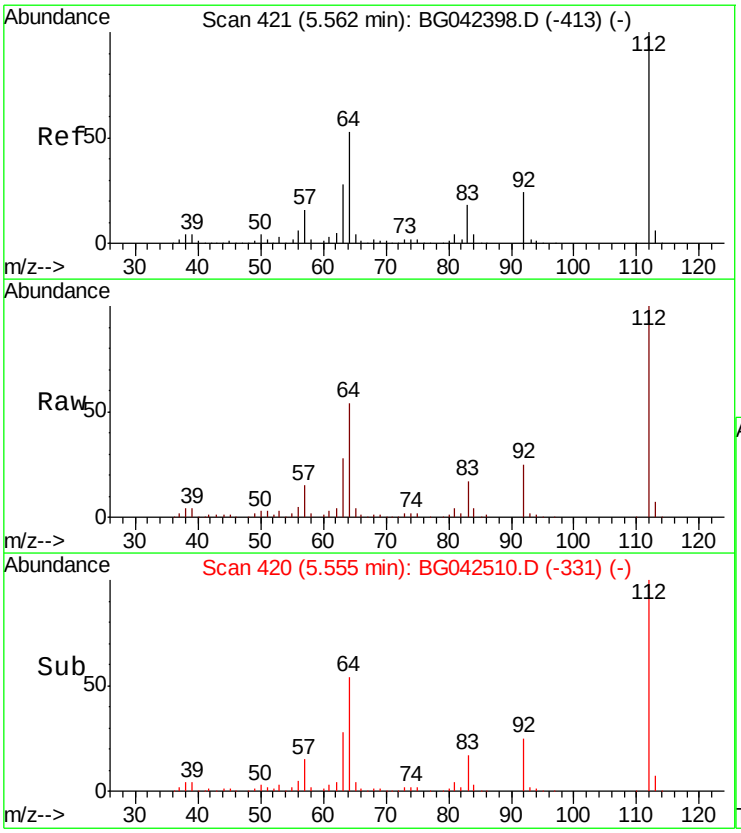
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619

Tgt Ion:152 Resp: 30396

Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.4	188.0
115	57.5	38.5	57.7

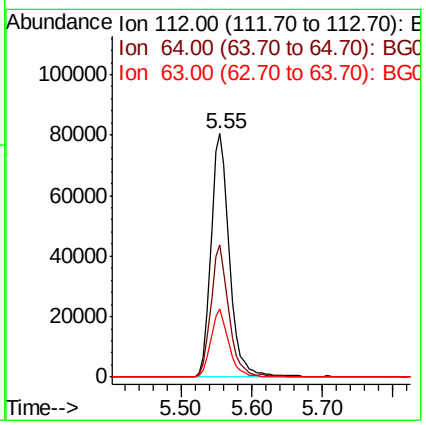


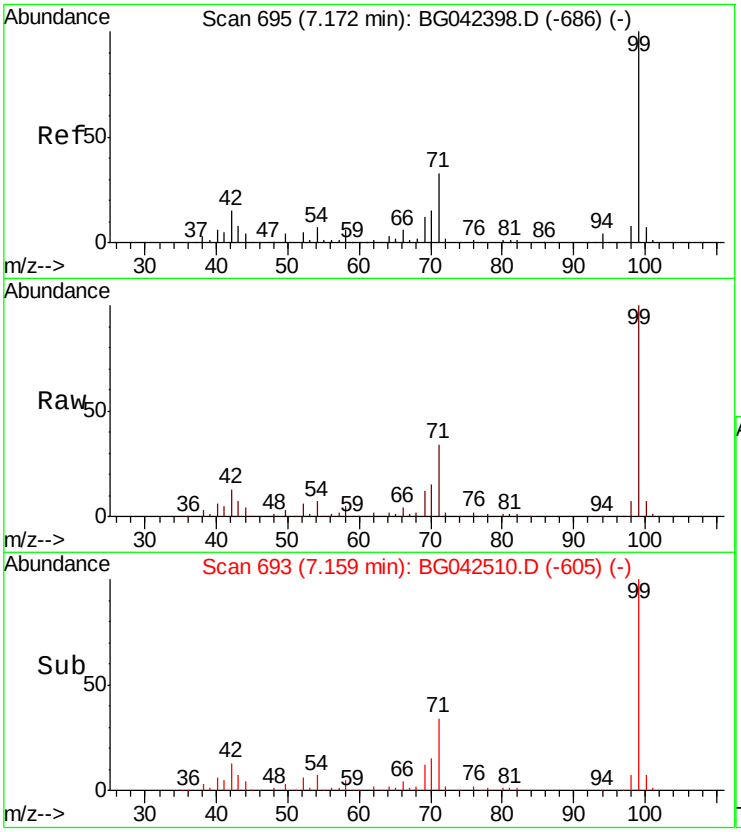


#5
2-Fluorophenol
Concen: 97.173 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Tgt Ion:112 Resp: 145839

Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.8	64.2
63	27.8	22.7	34.1



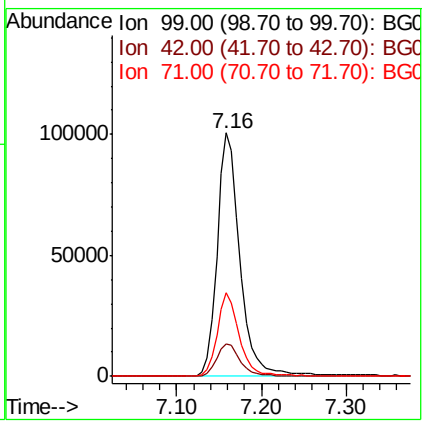


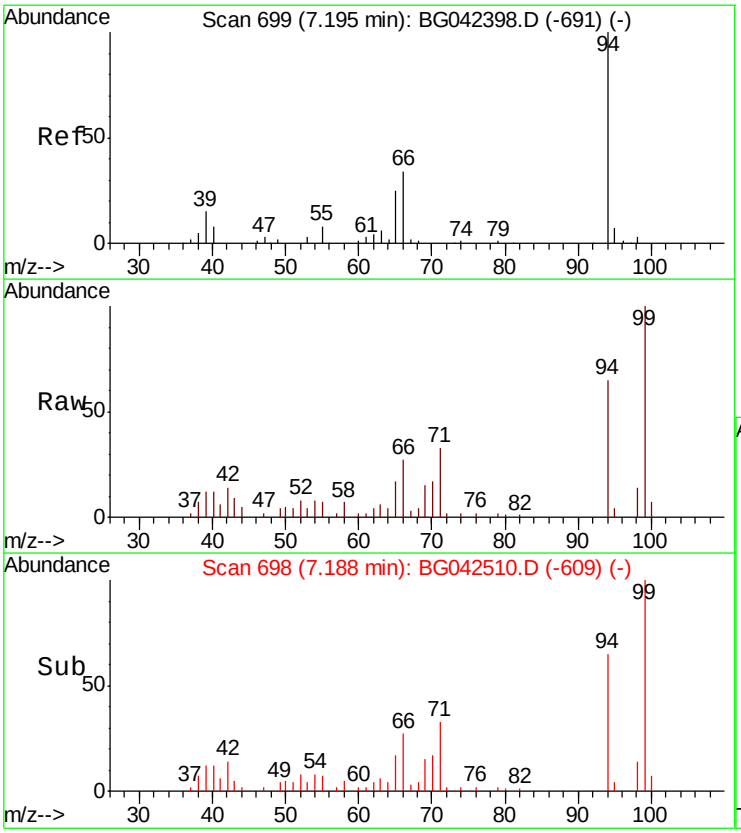
#7
Phenol-d6
Concen: 93.163 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619

Tgt Ion: 99 Resp: 188866

Ion	Ratio	Lower	Upper
99	100		
42	13.5	12.0	18.0
71	34.4	26.3	39.5

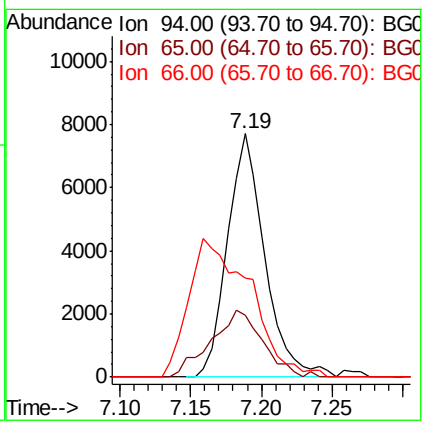


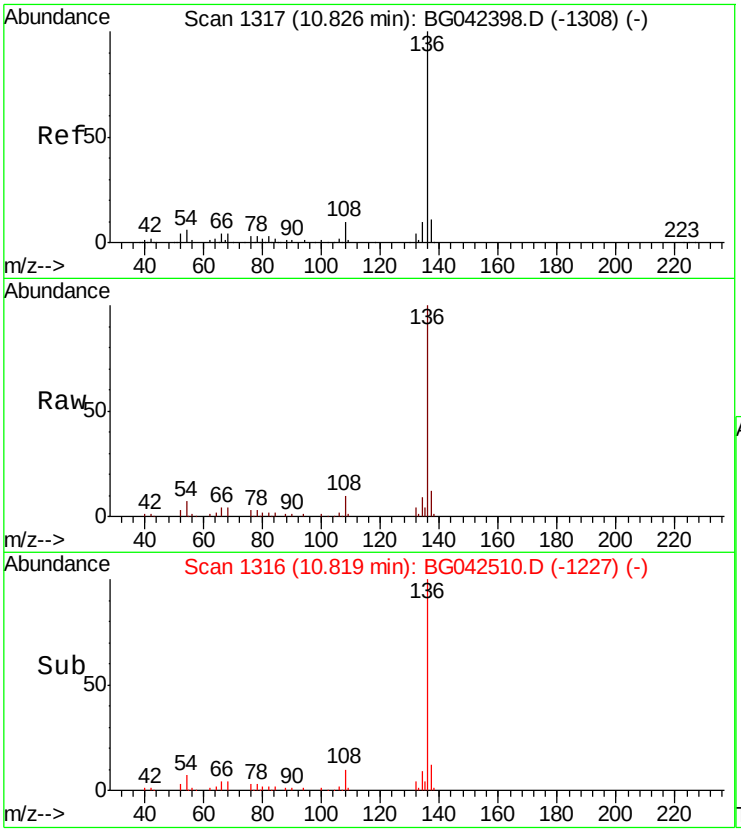


#10
Phenol
Concen: 6.869 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Tgt Ion: 94 Resp: 14158

Ion	Ratio	Lower	Upper
94	100		
65	25.4	5.6	45.6
66	40.9	16.0	56.0



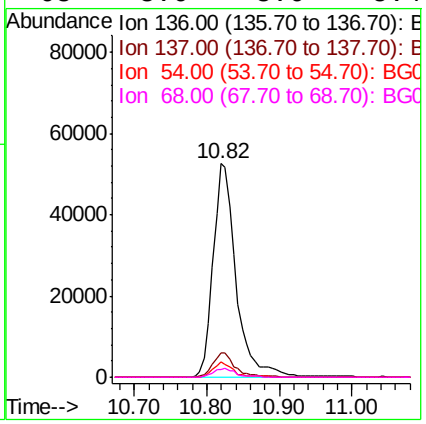


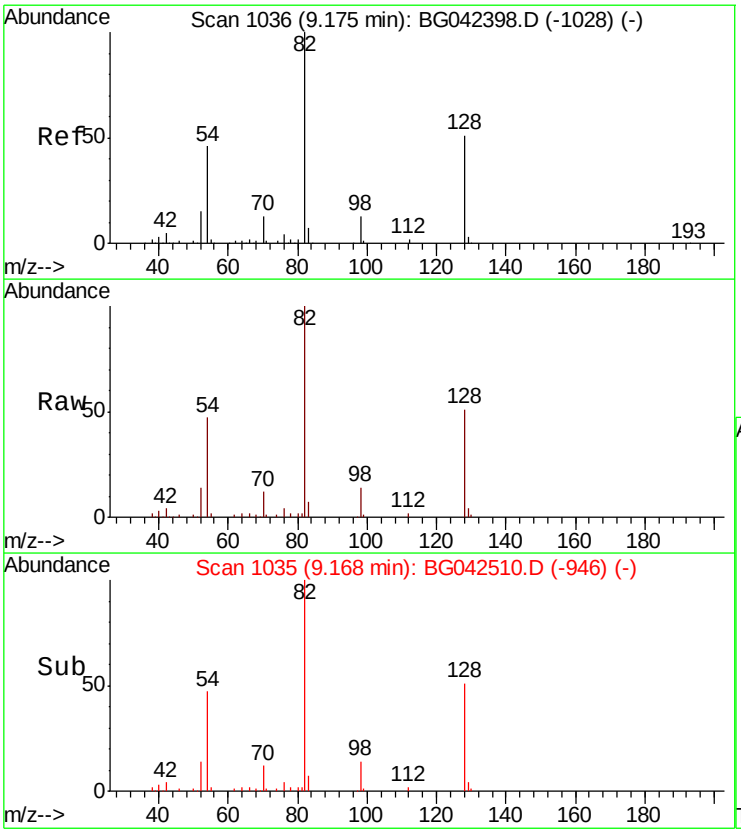
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619

Tgt Ion:136 Resp: 116295

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	7.4	4.9	7.3#
68	3.6	3.6	5.4

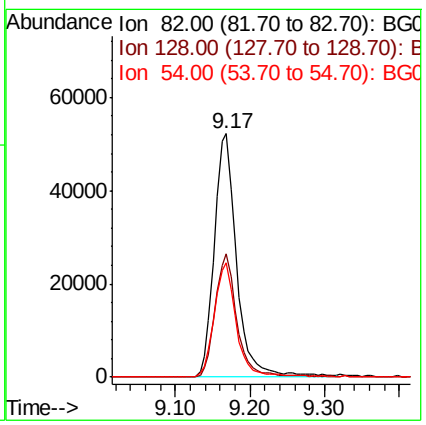


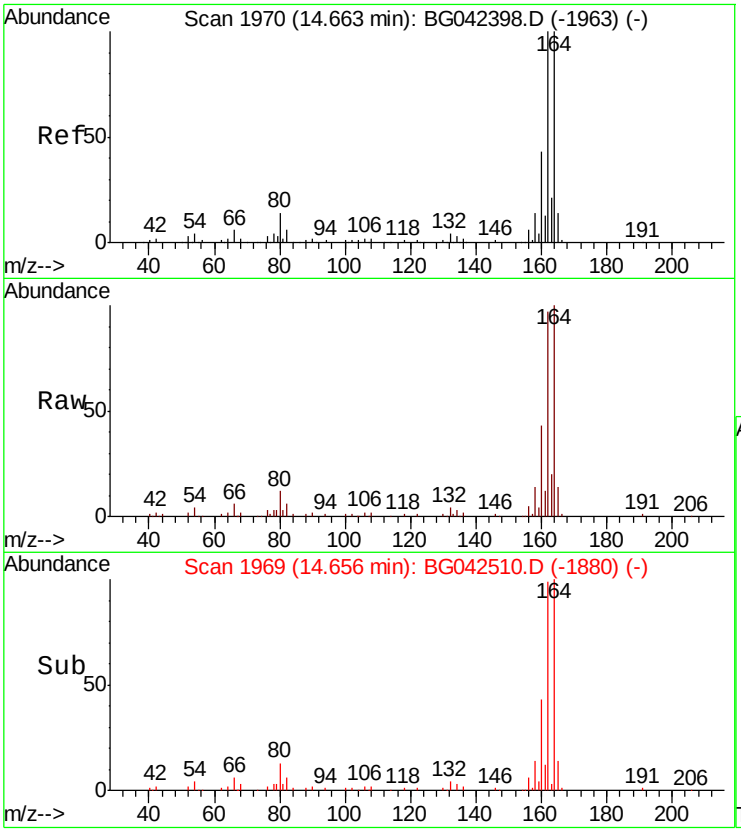


#23
Nitrobenzene-d5
Concen: 64.491 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Tgt Ion: 82 Resp: 108532

Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.7	61.1
54	46.7	36.3	54.5



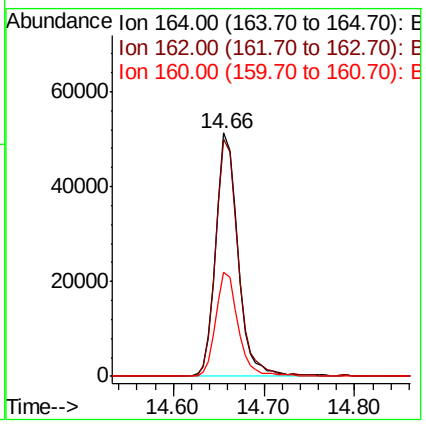


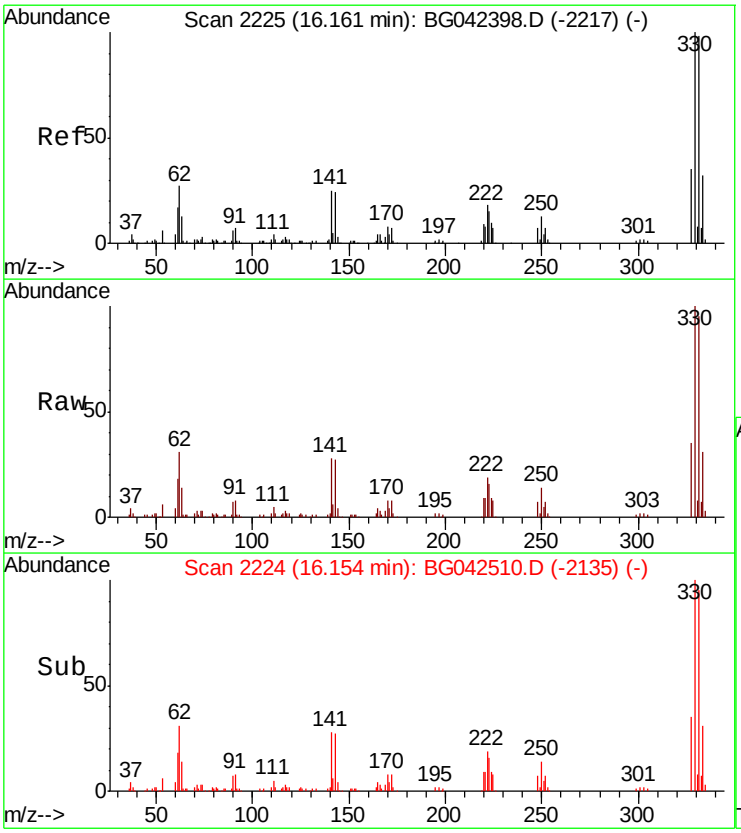
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619

Tgt Ion:164 Resp: 86932

Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.9	119.9
160	42.7	34.3	51.5

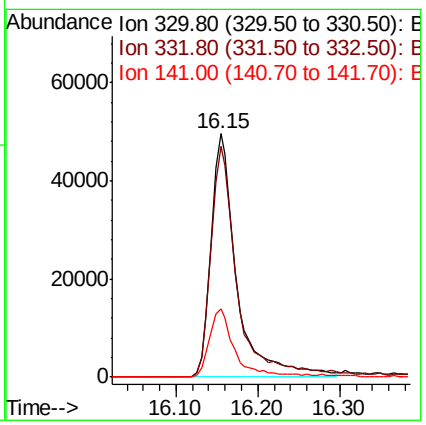


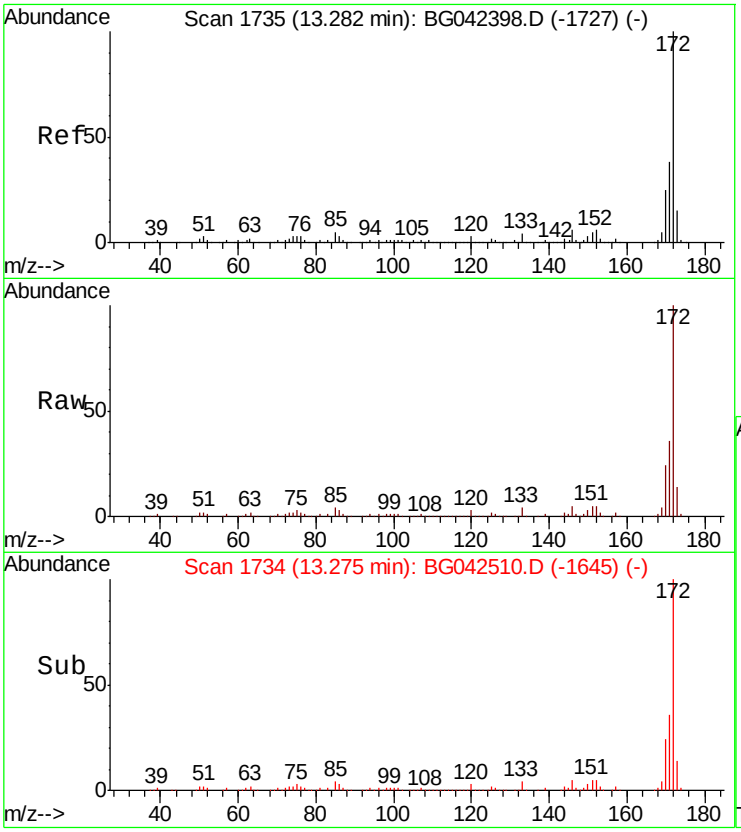


#42
2,4,6-Tribromophenol
Concen: 87.931 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Tgt Ion:330 Resp: 108647

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.4	116.0
141	26.6	21.4	32.0



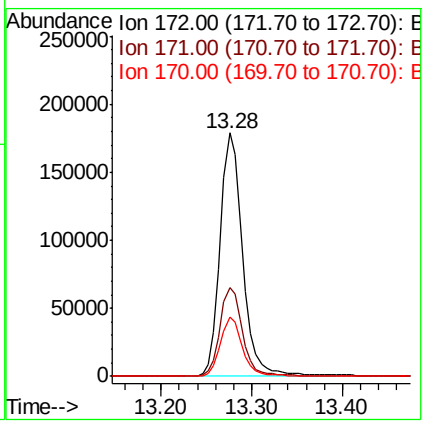


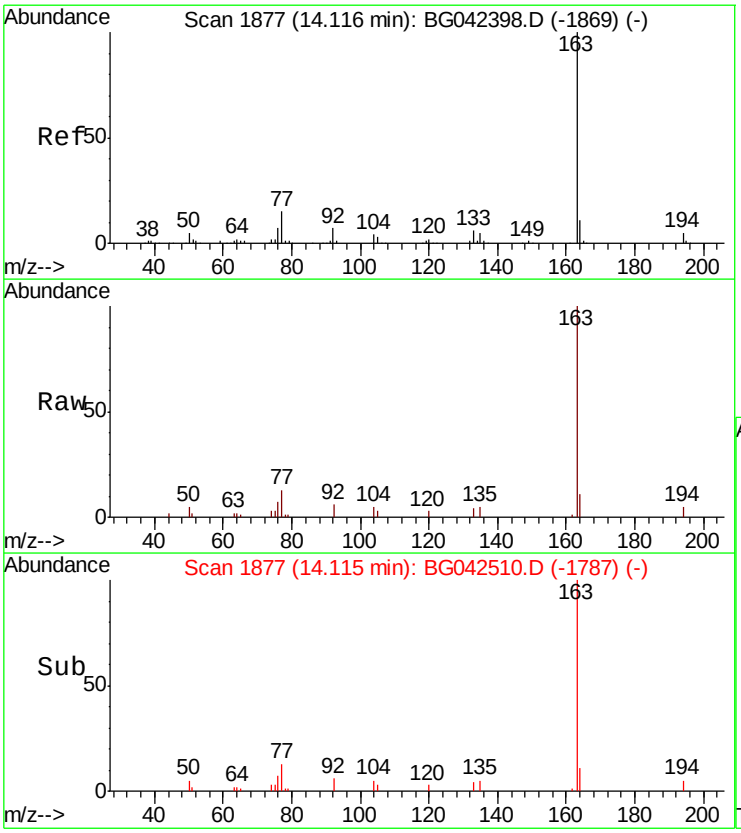
#45
2-Fluorobiphenyl
Concen: 60.239 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619

Tgt Ion:172 Resp: 309626

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	24.1	20.2	30.2

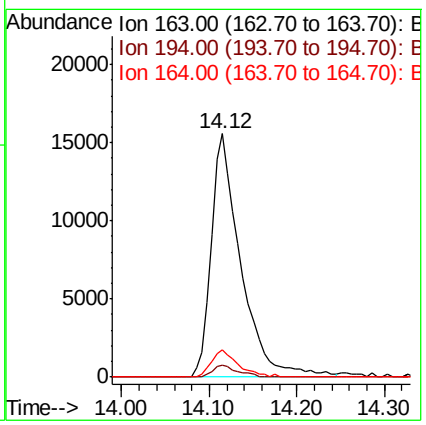


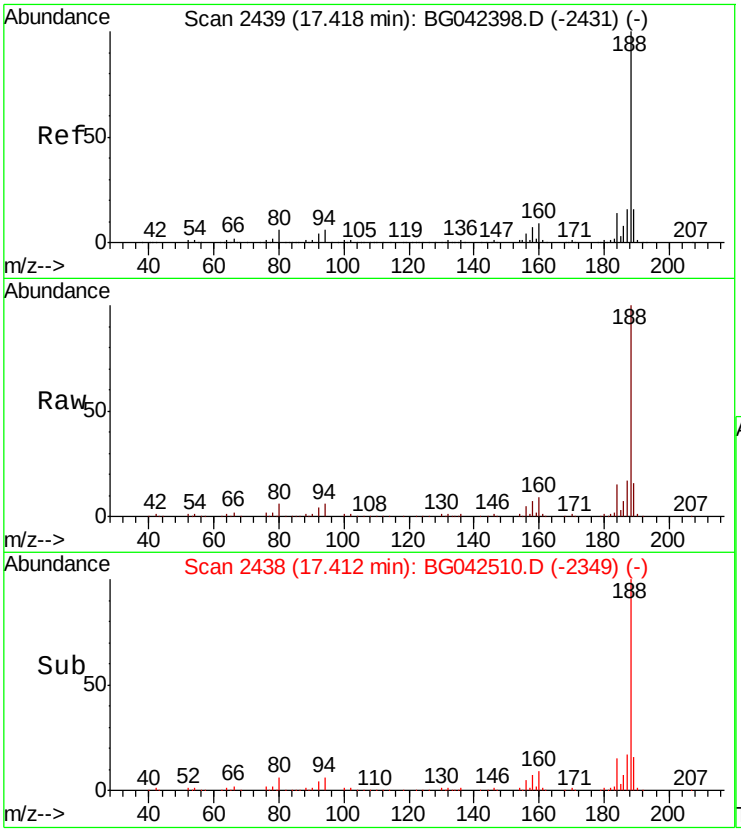


#50
Dimethylphthalate
Concen: 5.776 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Tgt Ion:163 Resp: 36231

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	11.4	8.8	13.2



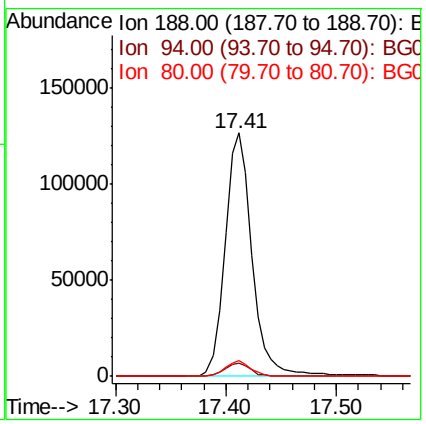


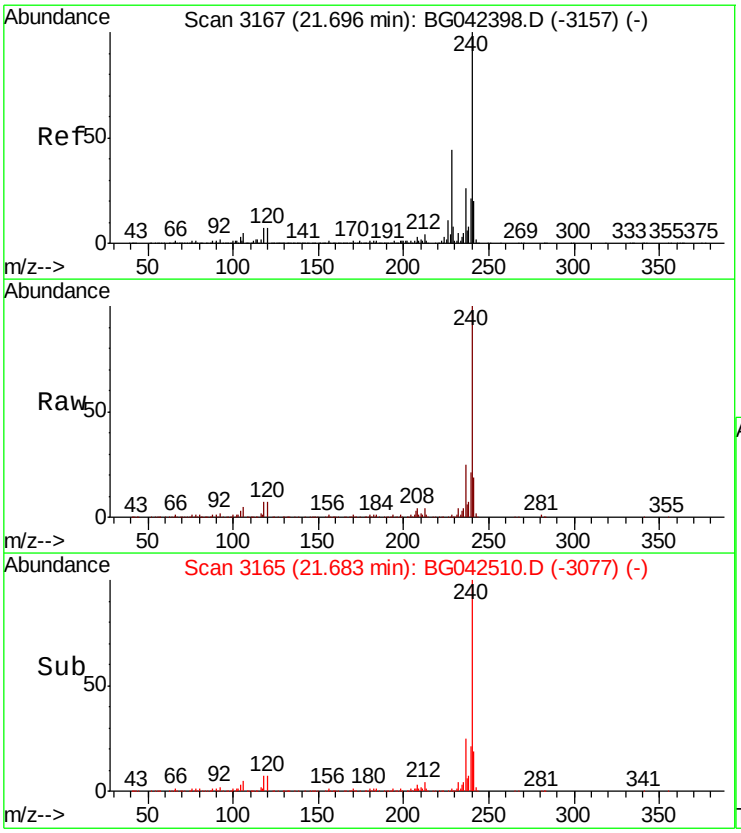
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619

Tgt Ion:188 Resp: 215878

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.5	6.7
80	6.4	4.9	7.3

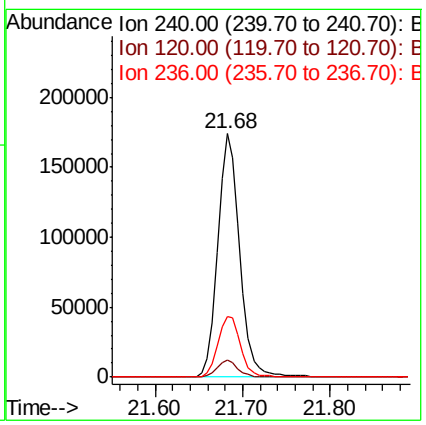


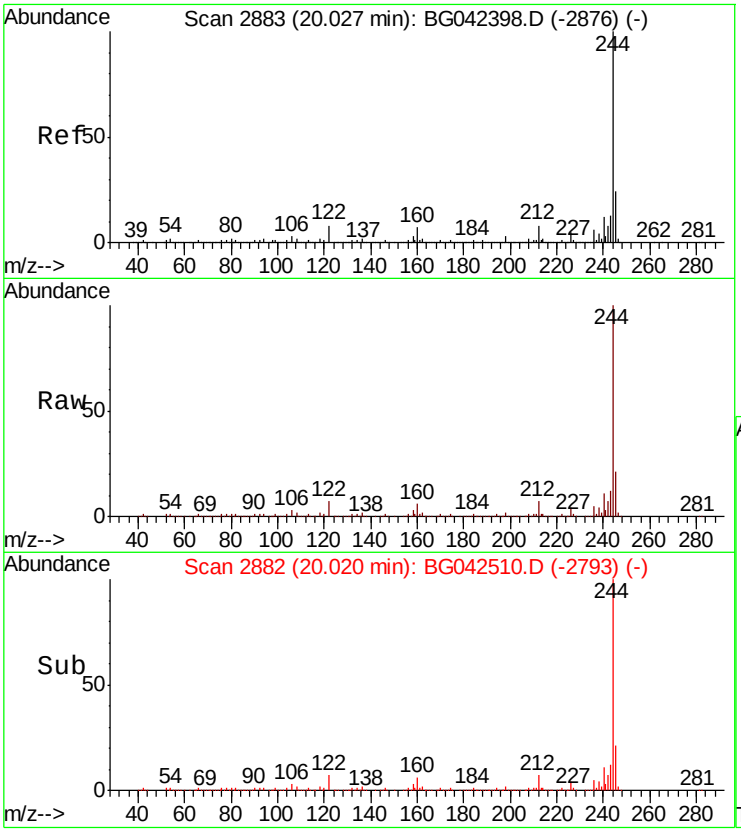


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Tgt Ion:240 Resp: 300647

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.7	8.5
236	25.0	21.0	31.4



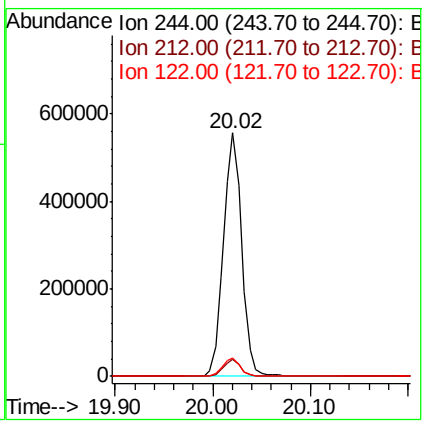


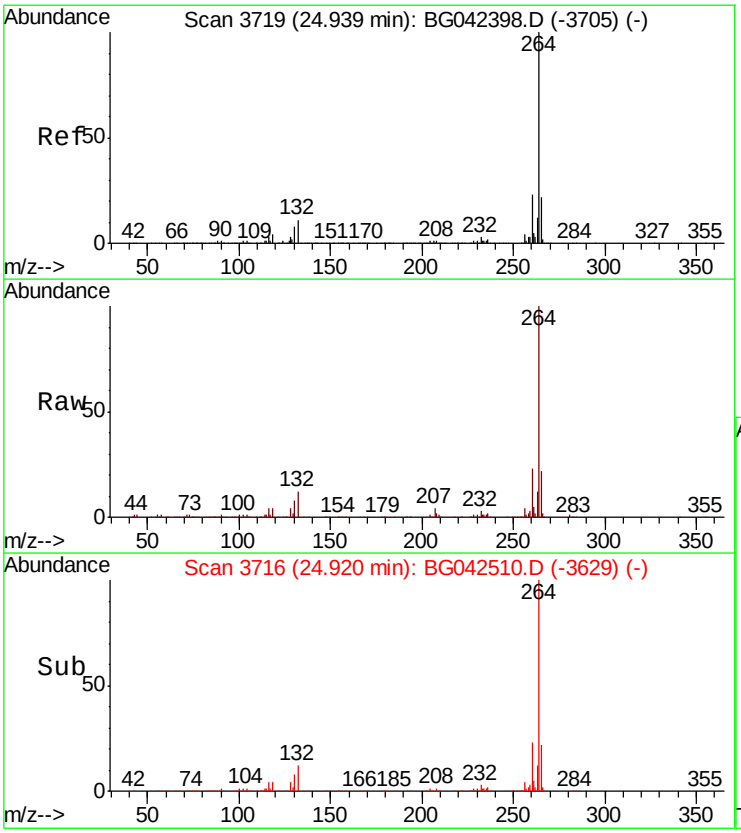
#79
Terphenyl-d14
Concen: 51.957 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619

Tgt Ion:244 Resp: 722534

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	7.3	6.7	10.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042510.D
Acq: 27 Aug 2019 18:51

Tgt Ion:264 Resp: 354807

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.3	17.6	26.4