Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042562.D
Acq On : 29 Aug 2019 13:03
Operator : HP/JU
Sample : K4441-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S700-N-2.0-2.5-082019

Quant Time: Aug 29 14:20:38 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	30012	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	116042	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	91683	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	239691	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	278314	20.00	ng	-0.01
87) Perylene-d12	24.93	264	340073	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	220598	148.87	ng	-0.01
7) Phenol-d6	7.16	99	290875	145.32	ng	-0.01
23) Nitrobenzene-d5	9.16	82	157259	93.65	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	216350	166.02	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	440208	81.21	ng	0.00
79) Terphenyl-d14	20.02	244	922666	71.67	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.18	94	6879	3.380	ng	# 65
50) Dimethylphthalate	14.10	163	95503	14.437	ng	98

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

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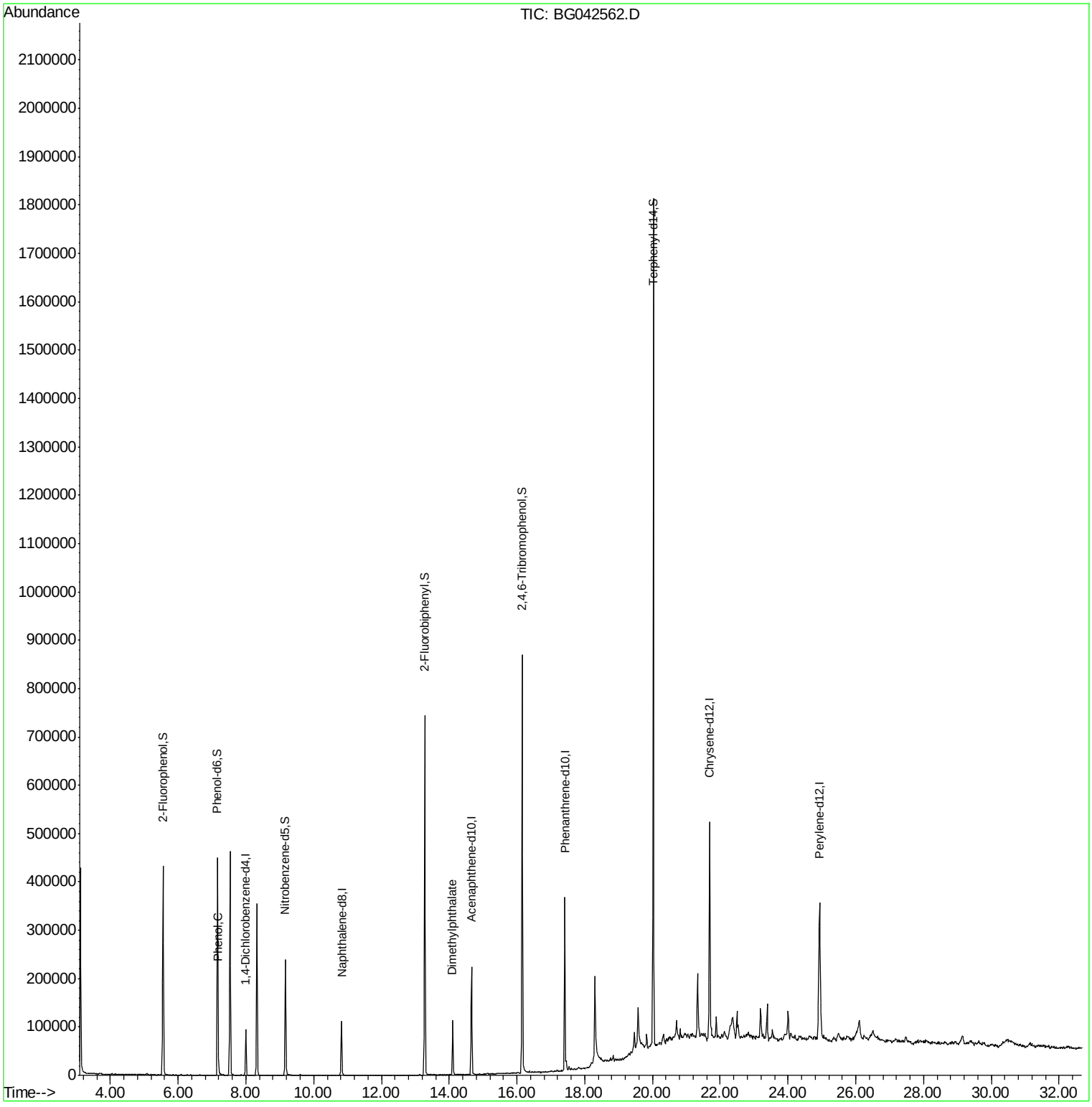
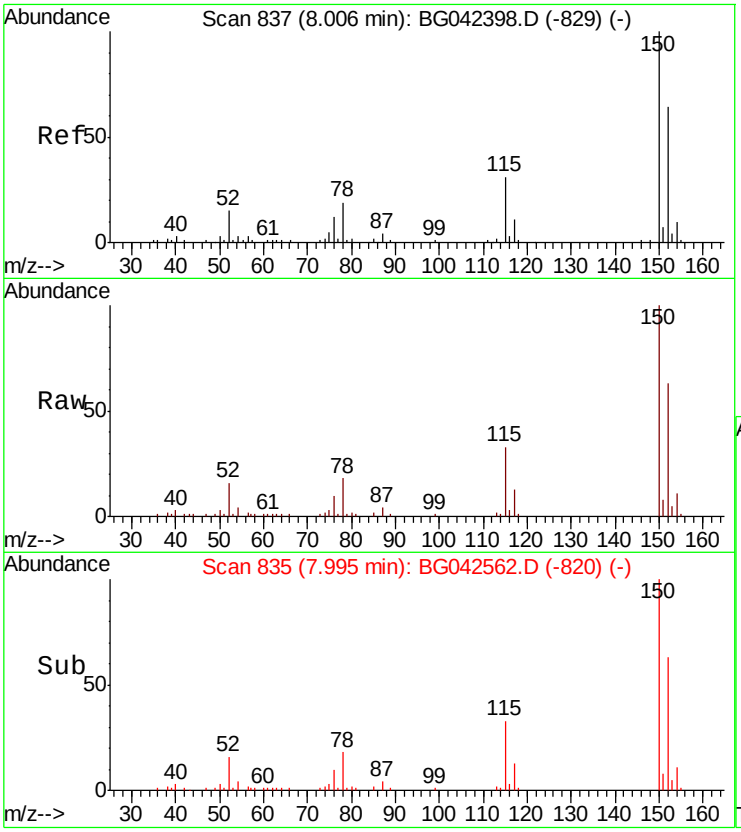


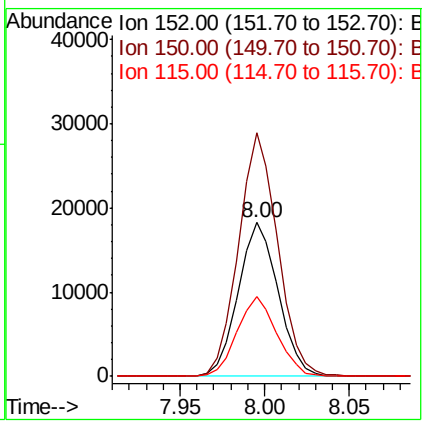


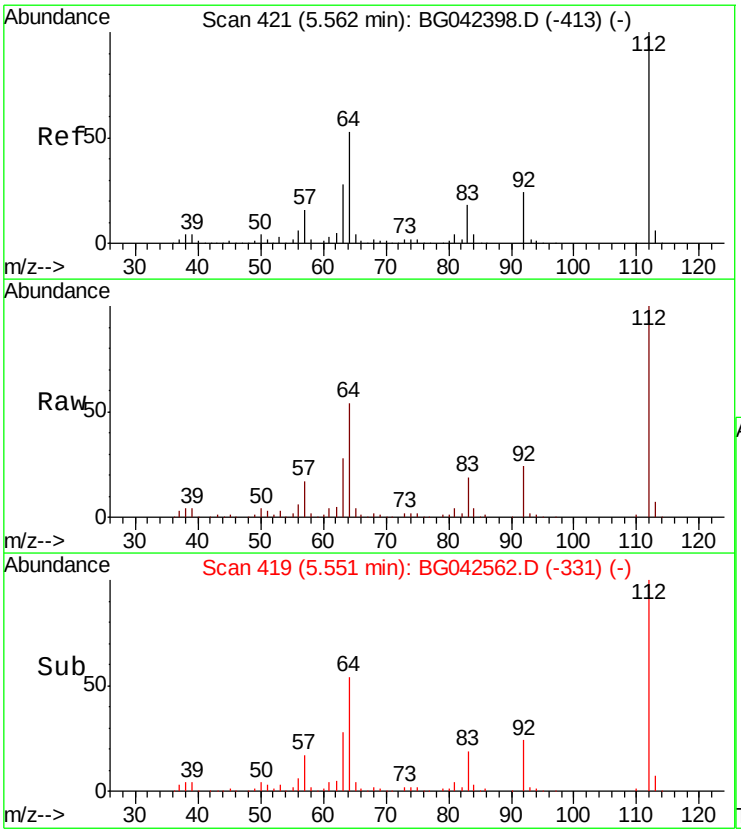
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Instrument :
BNA_G
ClientSampleId :
S700-N-2.0-2.5-082019

Tgt Ion:152 Resp: 30012

Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.4	188.0
115	52.0	38.5	57.7

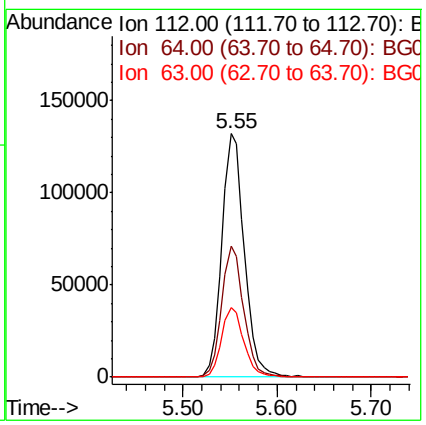


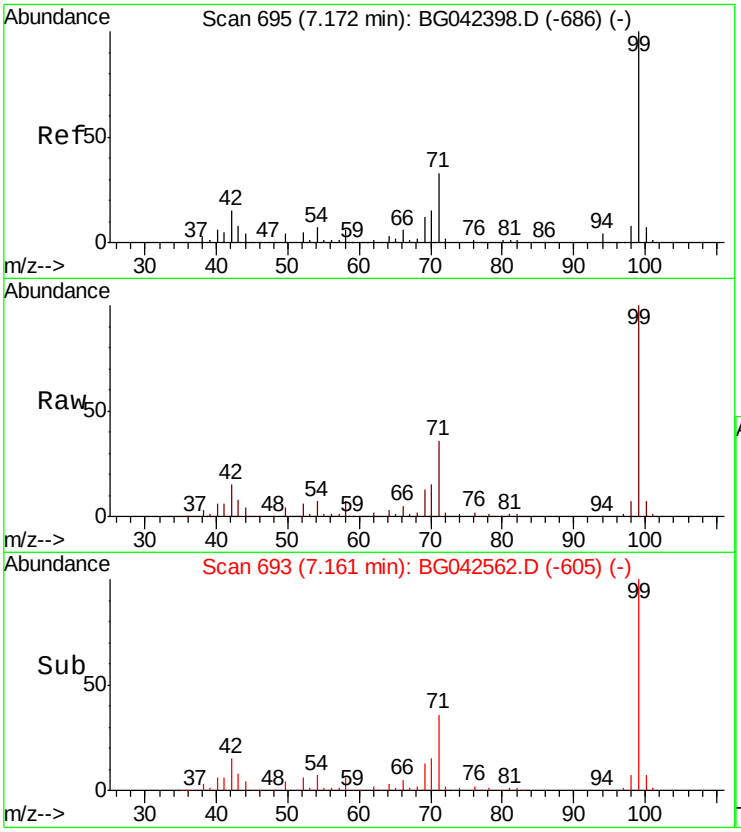


#5
2-Fluorophenol
Concen: 148.866 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Tgt Ion:112 Resp: 220598

Ion	Ratio	Lower	Upper
112	100		
64	53.9	42.8	64.2
63	28.4	22.7	34.1



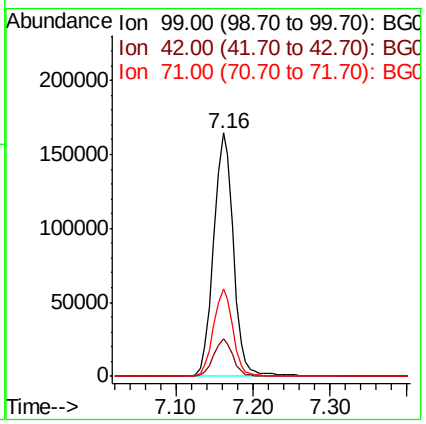


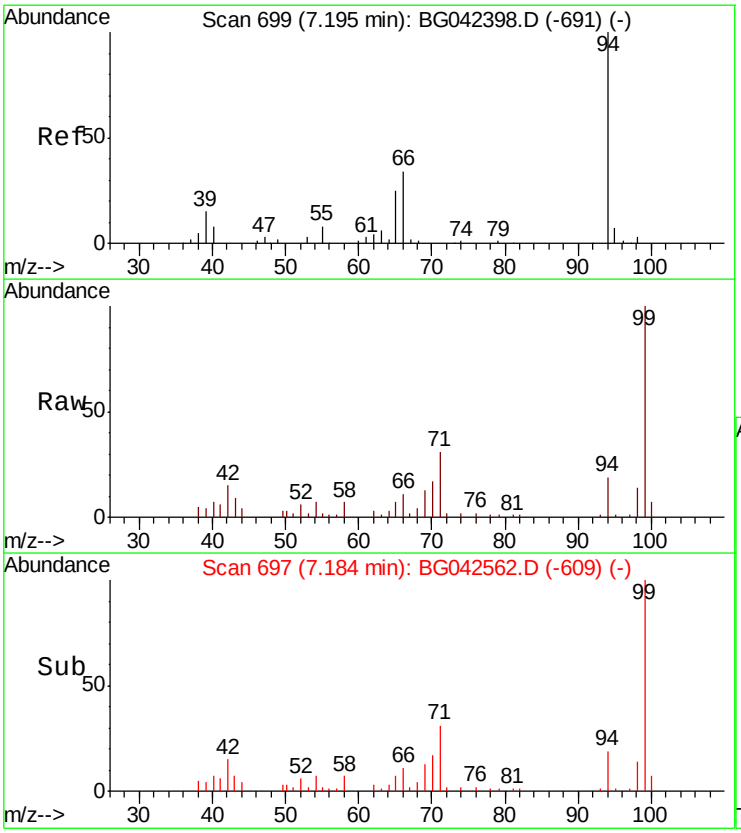
#7
Phenol-d6
Concen: 145.317 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Instrument :
BNA_G
ClientSampleId :
S700-N-2.0-2.5-082019

Tgt Ion: 99 Resp: 290875

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.0	18.0
71	36.1	26.3	39.5

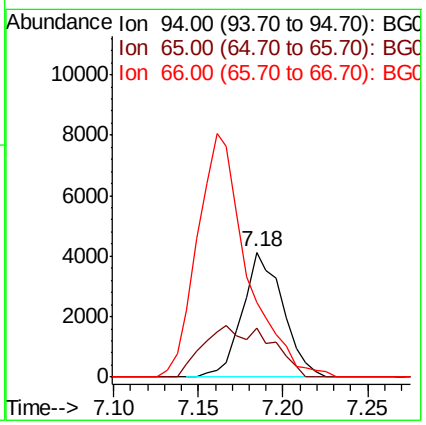


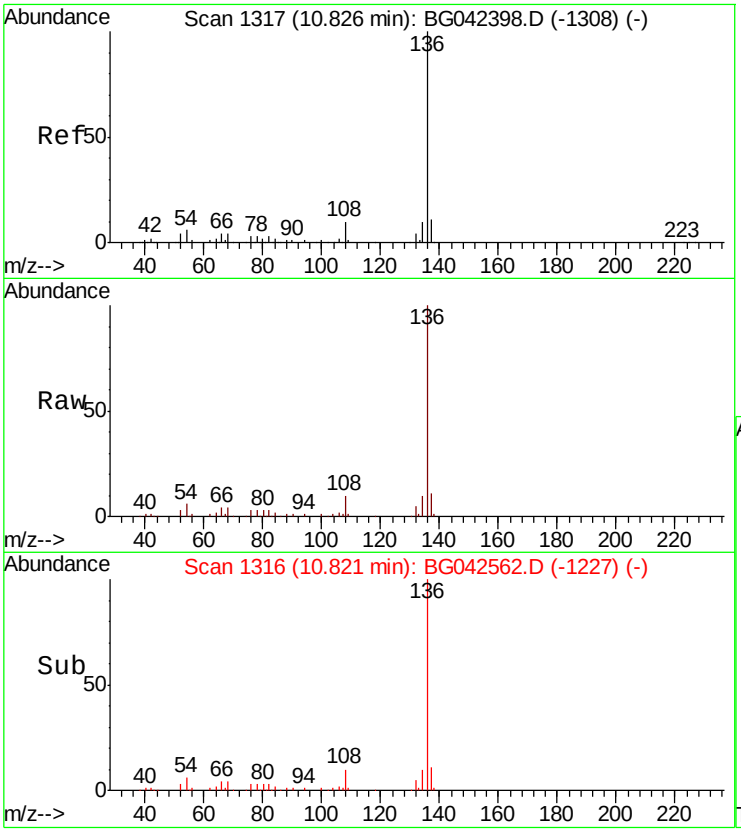


#10
Phenol
Concen: 3.380 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Tgt Ion: 94 Resp: 6879

Ion	Ratio	Lower	Upper
94	100		
65	39.6	5.6	45.6
66	59.3	16.0	56.0#



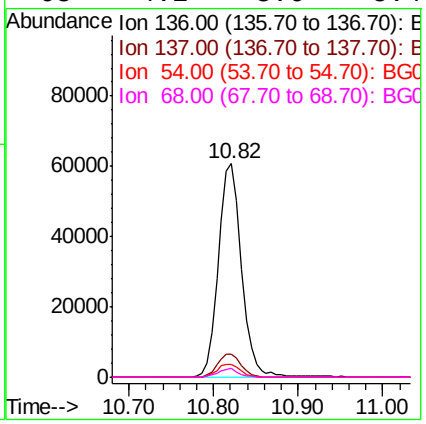


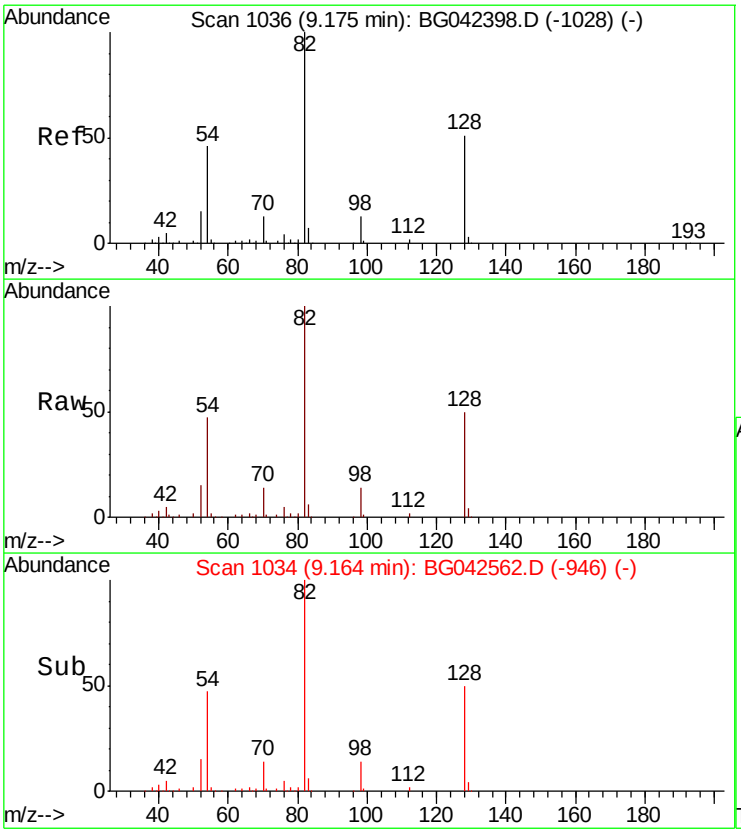
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Instrument :
BNA_G
ClientSampleId :
S700-N-2.0-2.5-082019

Tgt Ion:136 Resp: 116042

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.3	4.9	7.3
68	4.2	3.6	5.4

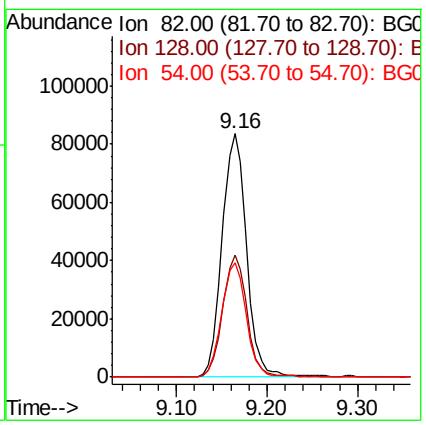


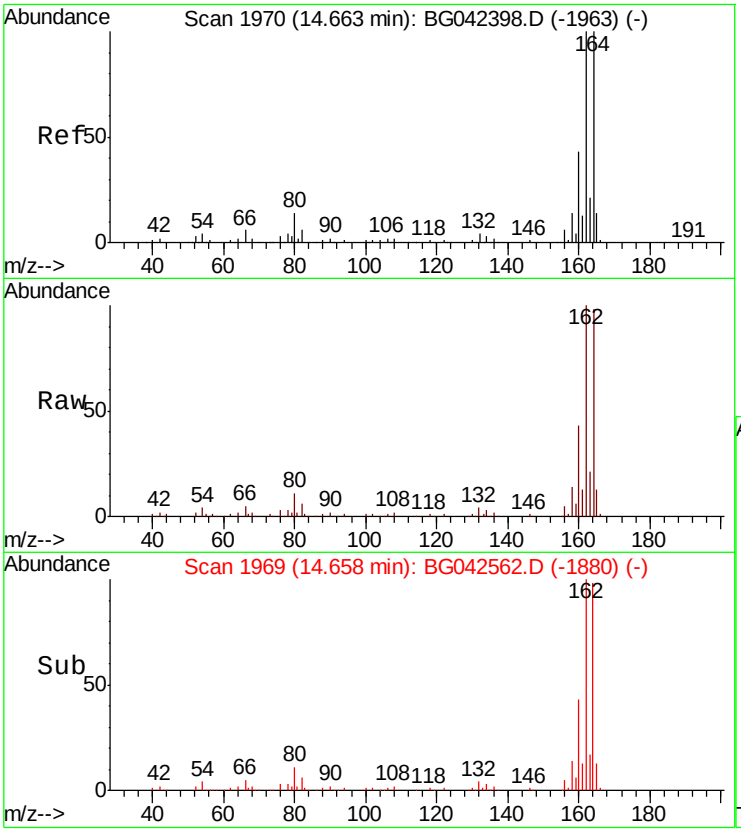


#23
Nitrobenzene-d5
Concen: 93.649 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Tgt Ion: 82 Resp: 157259

Ion	Ratio	Lower	Upper
82	100		
128	49.9	40.7	61.1
54	47.1	36.3	54.5



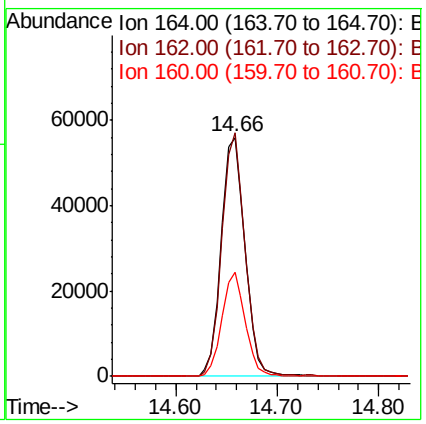


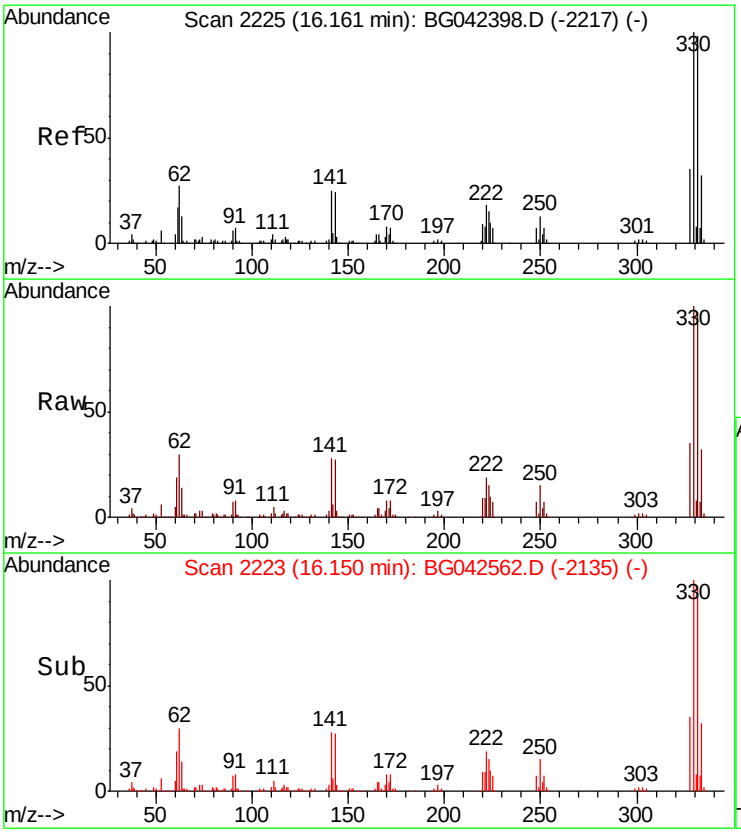
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Instrument :
BNA_G
ClientSampleId :
S700-N-2.0-2.5-082019

Tgt Ion:164 Resp: 91683

Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.9	119.9
160	43.6	34.3	51.5

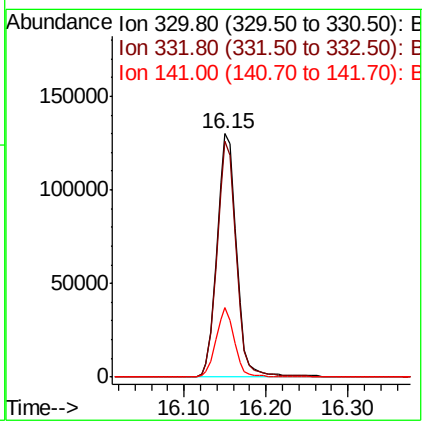


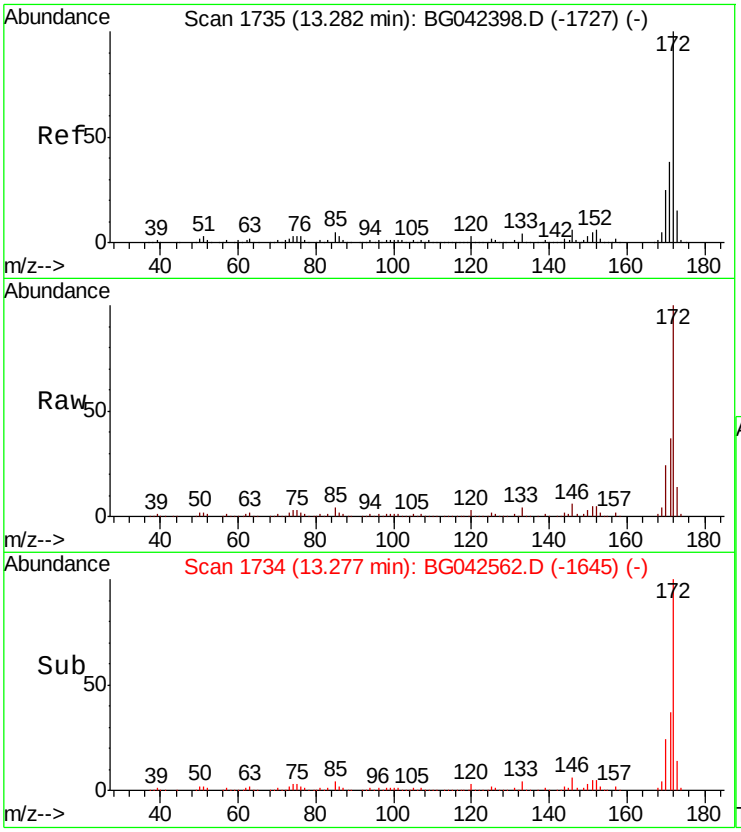


#42
2,4,6-Tribromophenol
Concen: 166.024 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Tgt Ion:330 Resp: 216350

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.0
141	26.8	21.4	32.0



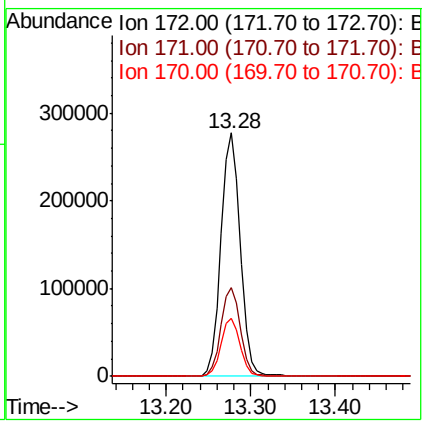


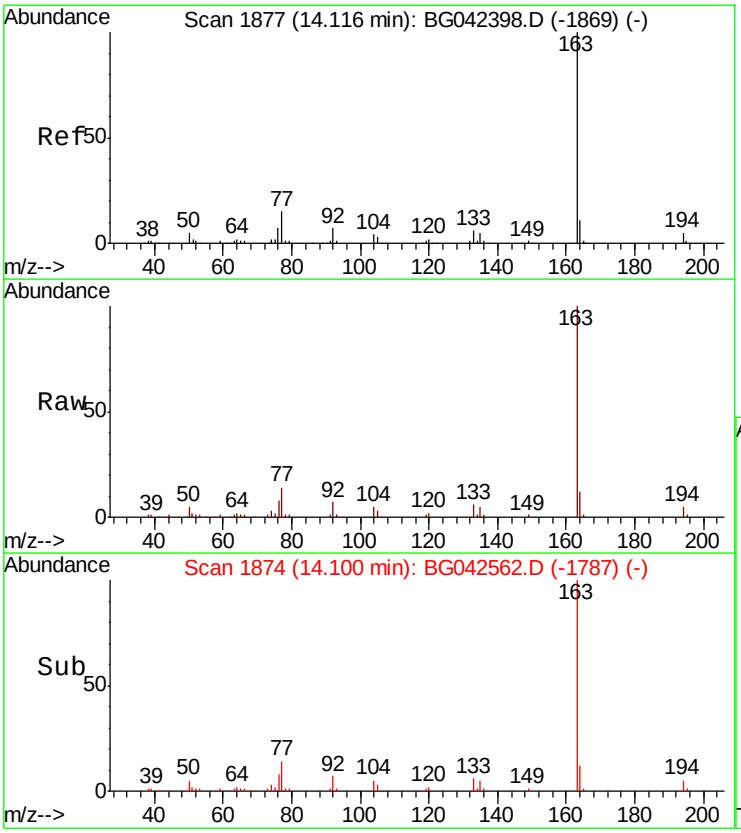
#45
2-Fluorobiphenyl
Concen: 81.206 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Instrument :
BNA_G
ClientSampleId :
S700-N-2.0-2.5-082019

Tgt Ion:172 Resp: 440208

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	23.8	20.2	30.2

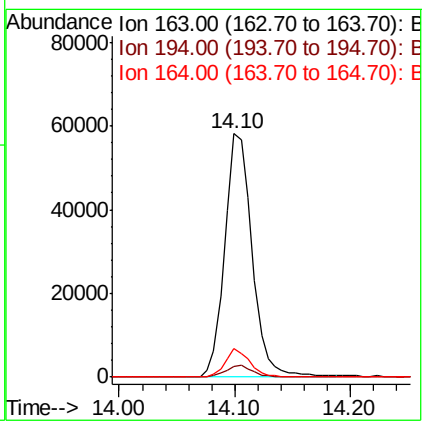


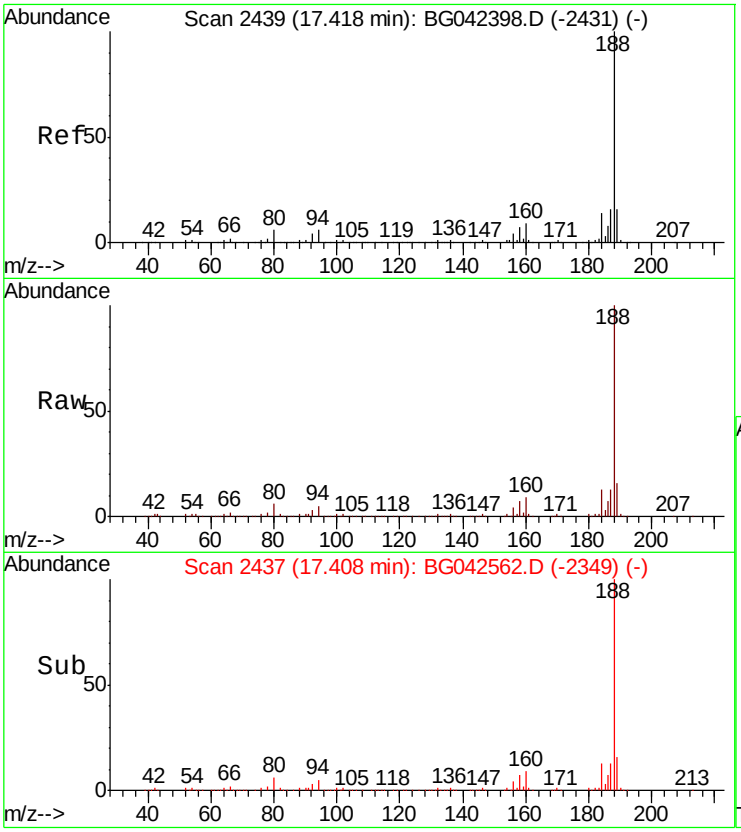


#50
Dimethylphthalate
Concen: 14.437 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Tgt Ion:163 Resp: 95503

Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.2	6.2
164	11.8	8.8	13.2



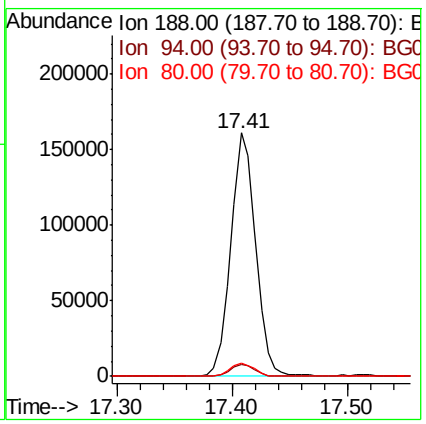


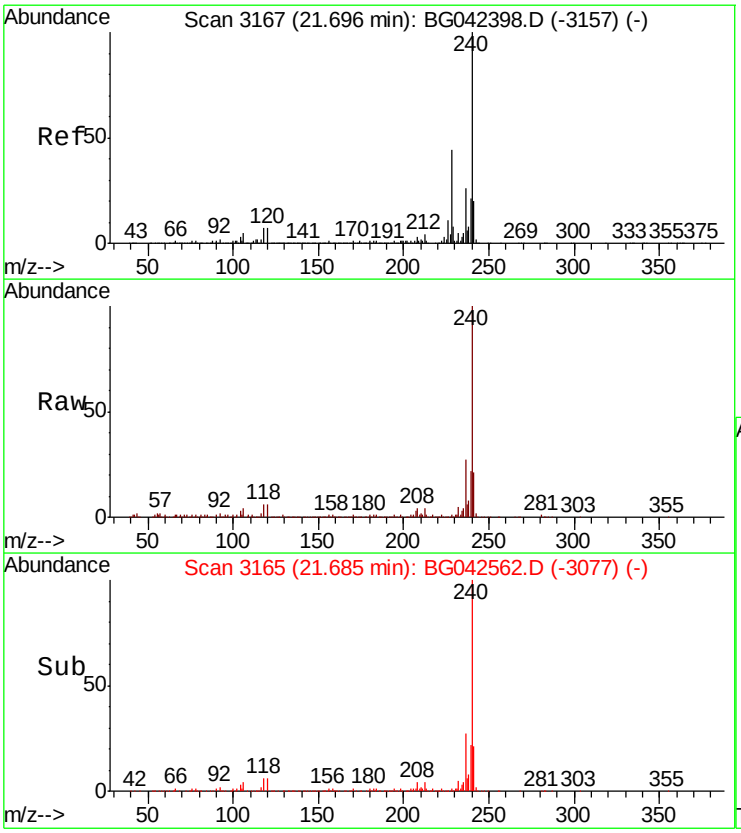
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Instrument :
BNA_G
ClientSampleId :
S700-N-2.0-2.5-082019

Tgt Ion:188 Resp: 239691

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.5	6.7
80	5.6	4.9	7.3

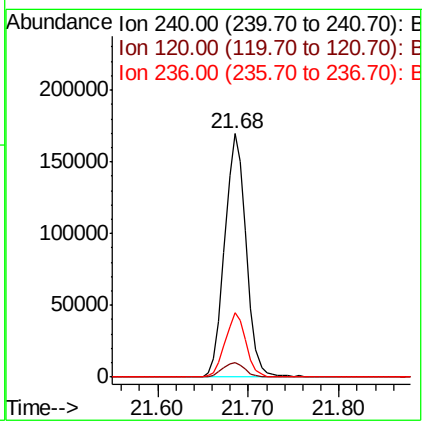


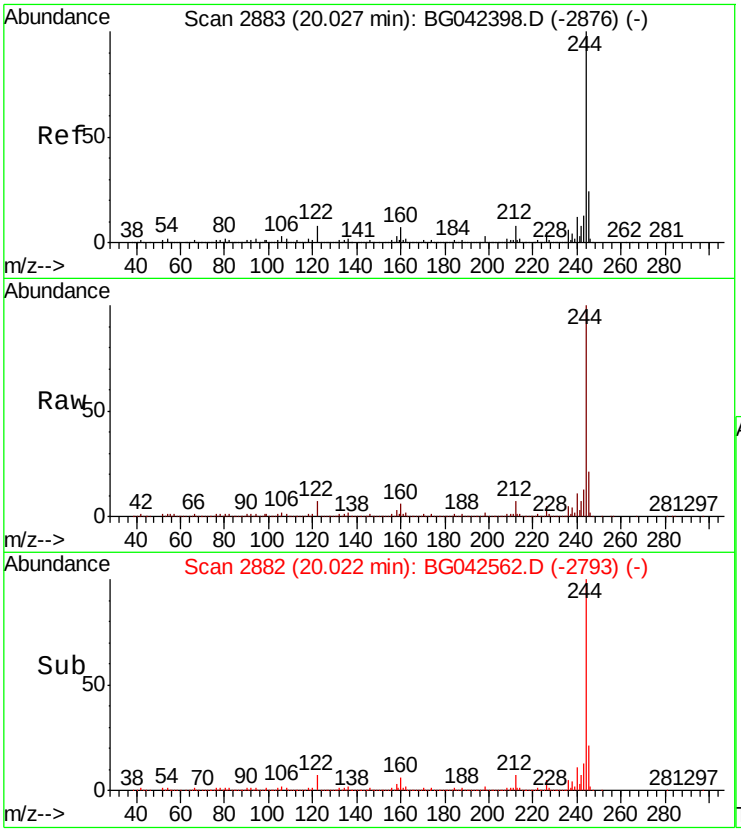


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Tgt Ion:240 Resp: 278314

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	26.6	21.0	31.4



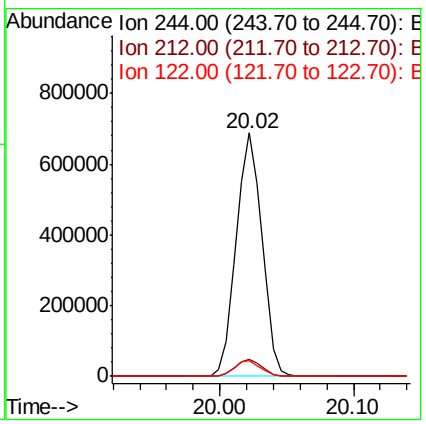


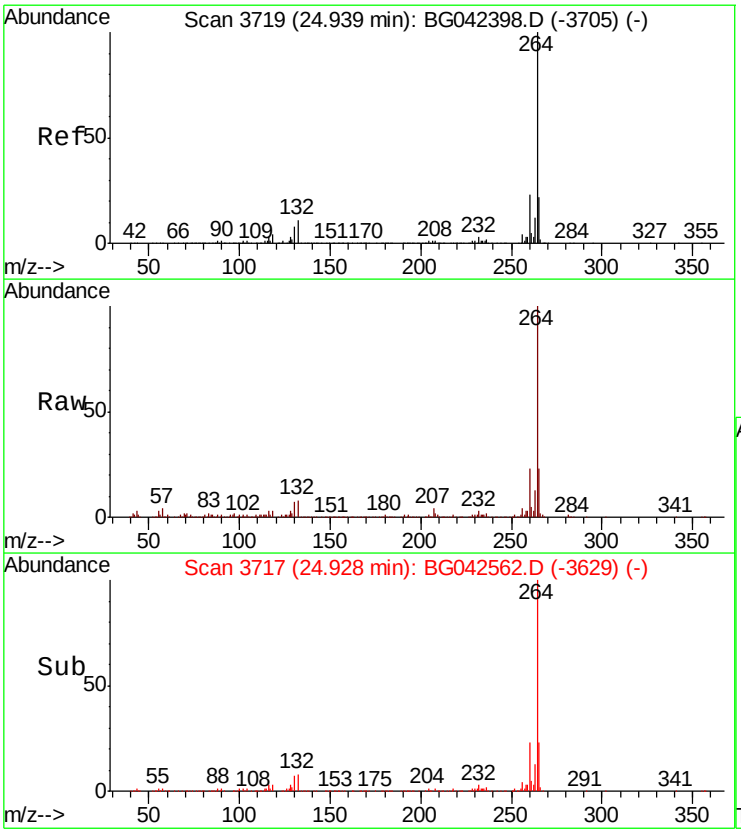
#79
Terphenyl-d14
Concen: 71.672 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Instrument :
BNA_G
ClientSampleId :
S700-N-2.0-2.5-082019

Tgt Ion:244 Resp: 922666

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	6.7	6.7	10.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Tgt Ion:264 Resp: 340073

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	23.0	17.6	26.4