Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042615.D
Acq On : 31 Aug 2019 00:28
Operator : HP/JU
Sample : K4574-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S702B-N-2.0-2.5-082719

Quant Time: Aug 31 01:54:25 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	29295	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	111292	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	83939	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	186602	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	195811	20.00	ng	-0.02
87) Perylene-d12	24.92	264	230199	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	274325	189.65	ng	-0.01
7) Phenol-d6	7.16	99	366315	187.48	ng	-0.01
23) Nitrobenzene-d5	9.16	82	207374	128.76	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	219259	183.78	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	614087	123.73	ng	0.00
79) Terphenyl-d14	20.02	244	938932	103.67	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.19	94	28597	14.395	ng	94
50) Dimethylphthalate	14.10	163	60895	10.054	ng	98

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

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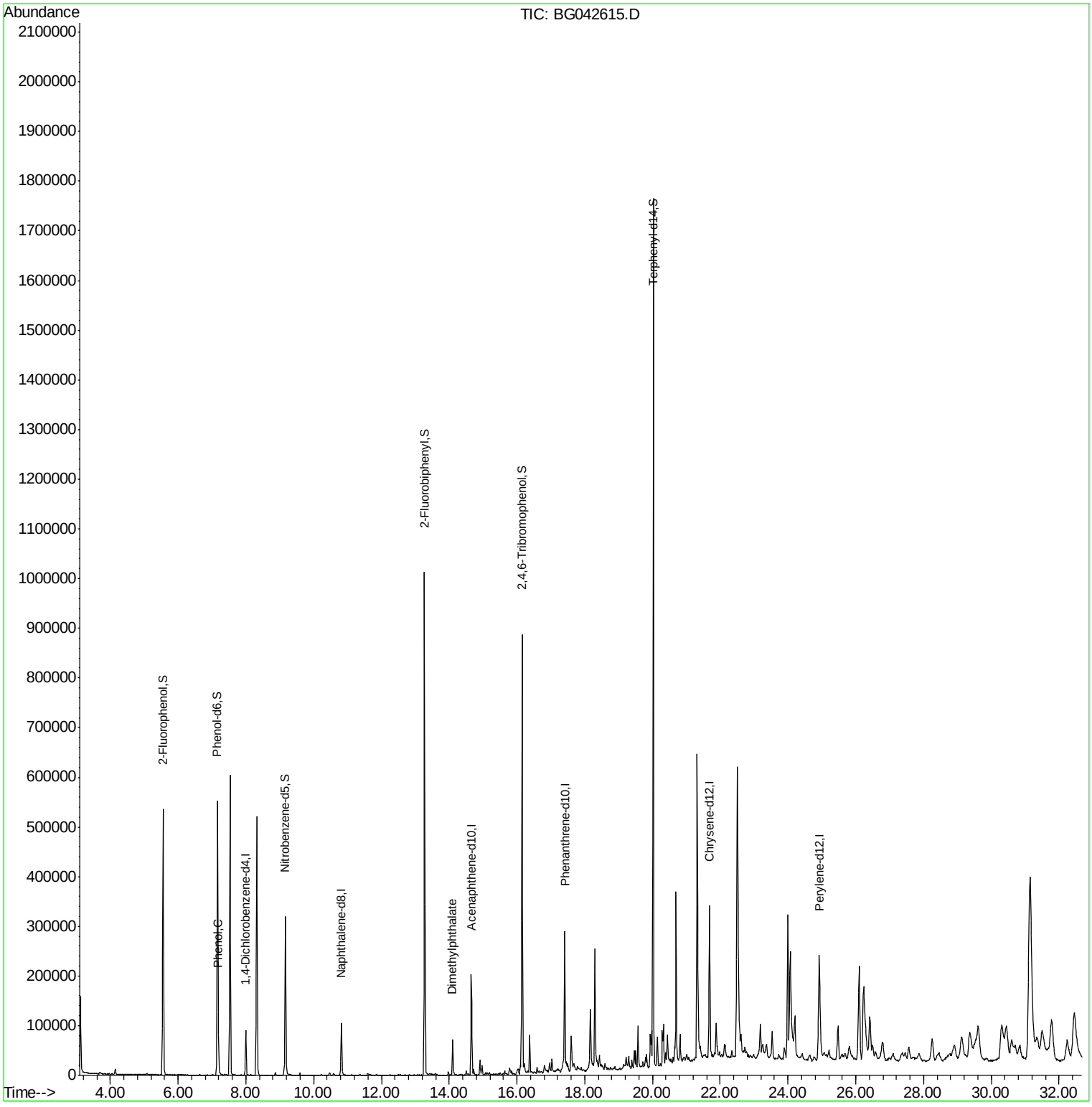
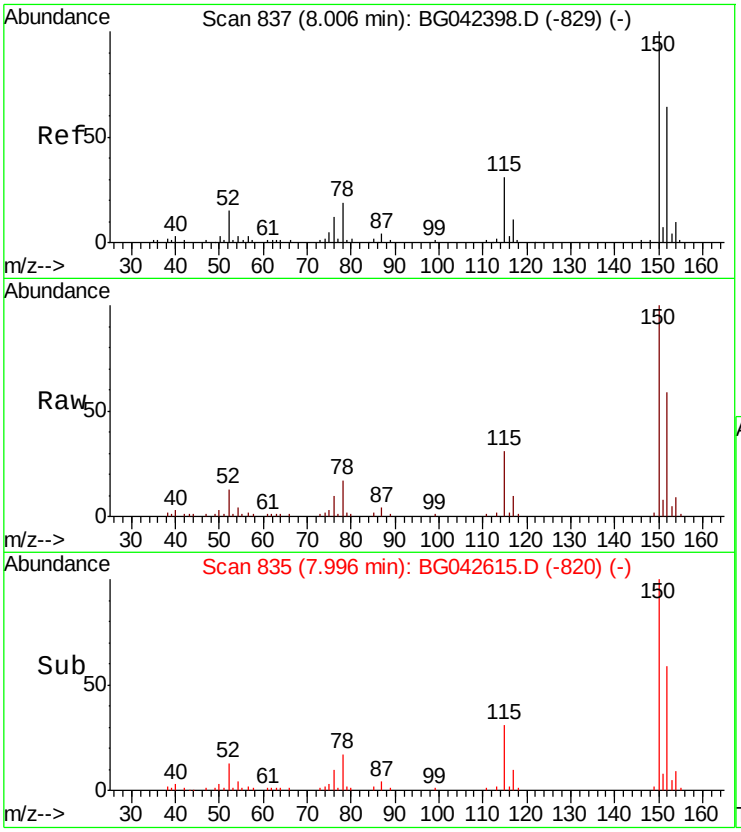


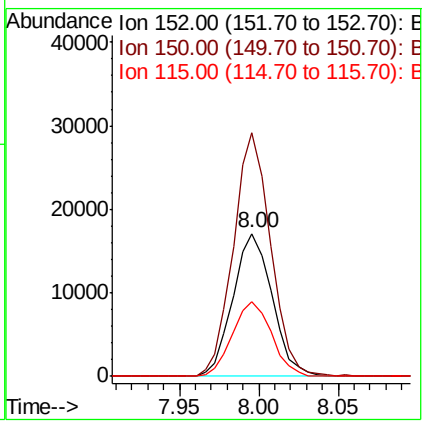


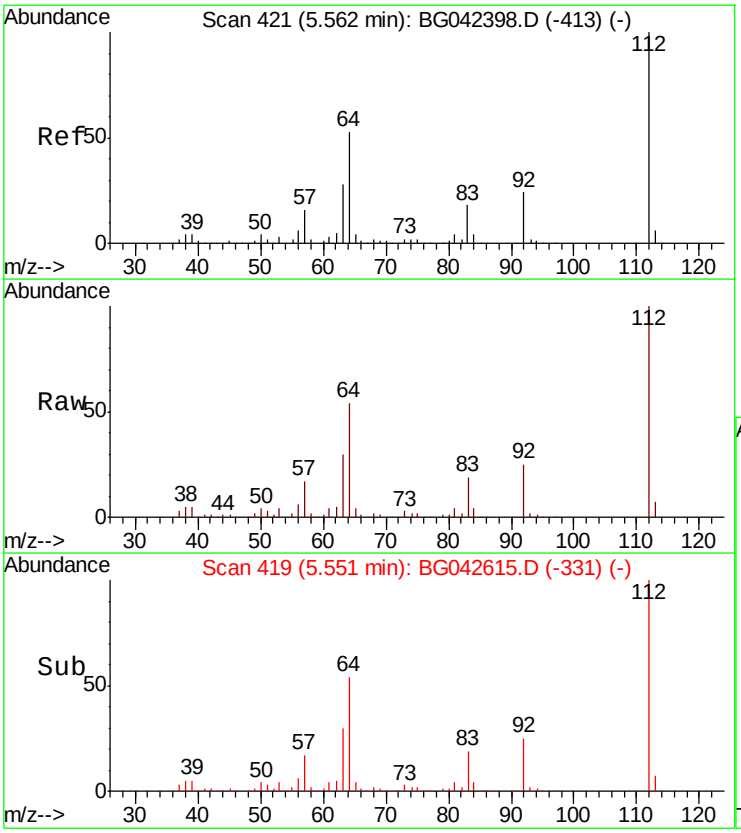
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Instrument :
BNA_G
ClientSampleId :
S702B-N-2.0-2.5-082719

Tgt Ion:152 Resp: 29295

Ion	Ratio	Lower	Upper
152	100		
150	170.7	125.4	188.0
115	52.2	38.5	57.7

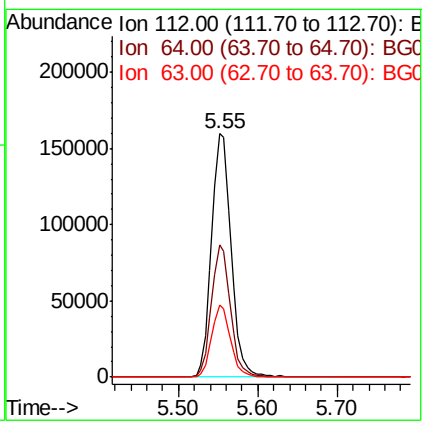


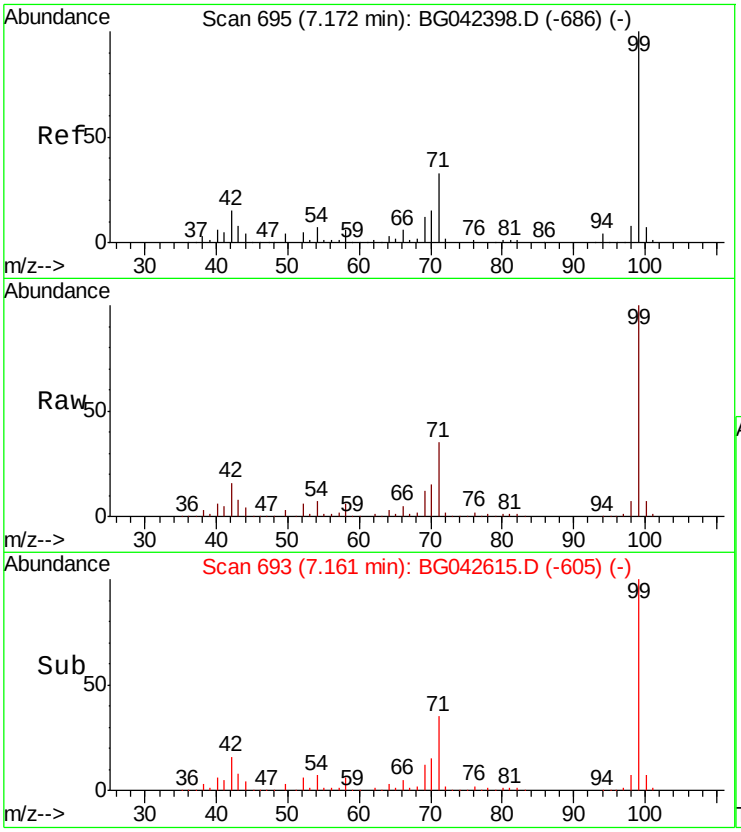


#5
2-Fluorophenol
Concen: 189.653 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Tgt Ion:112 Resp: 274325

Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.8	64.2
63	29.7	22.7	34.1



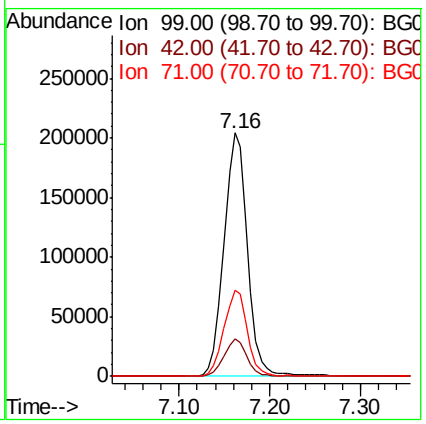


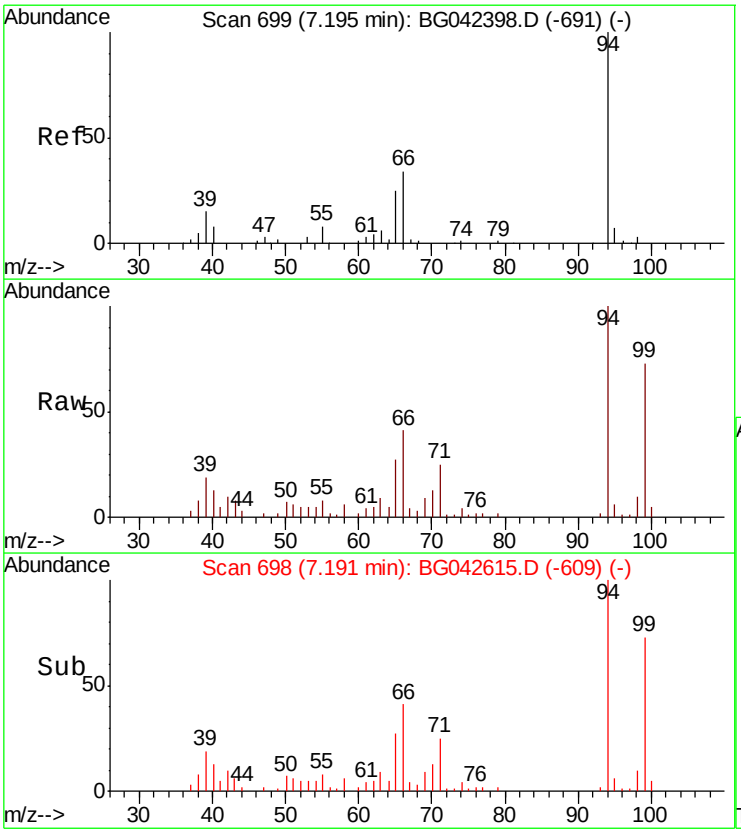
#7
Phenol-d6
Concen: 187.485 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Instrument :
BNA_G
ClientSampleId :
S702B-N-2.0-2.5-082719

Tgt Ion: 99 Resp: 366315

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.0	18.0
71	35.1	26.3	39.5

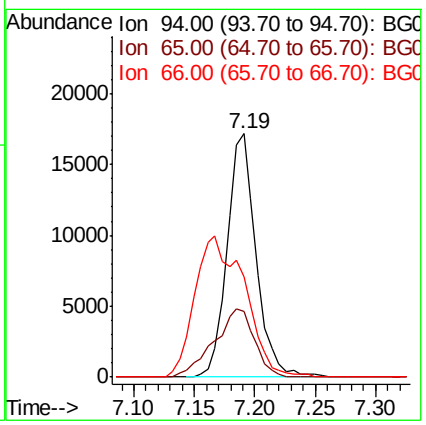


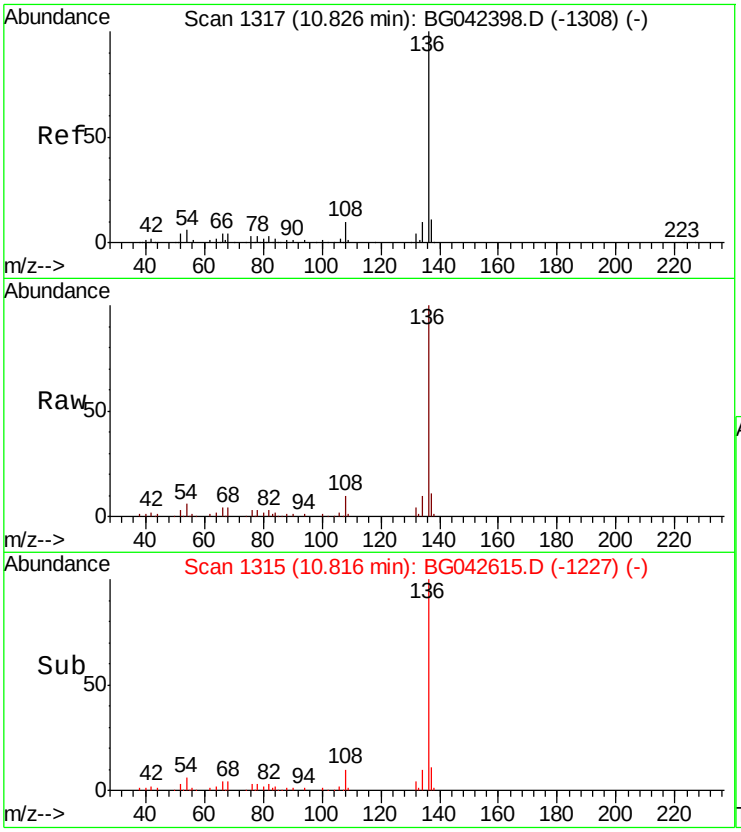


#10
Phenol
Concen: 14.395 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Tgt Ion: 94 Resp: 28597

Ion	Ratio	Lower	Upper
94	100		
65	26.7	5.6	45.6
66	40.9	16.0	56.0



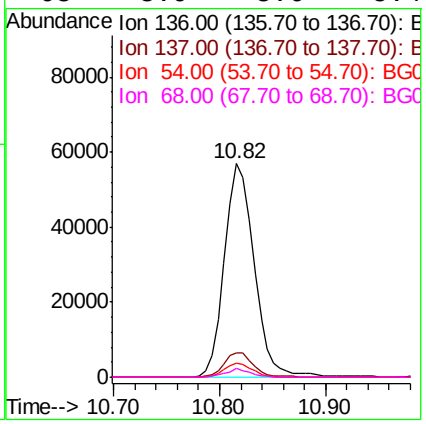


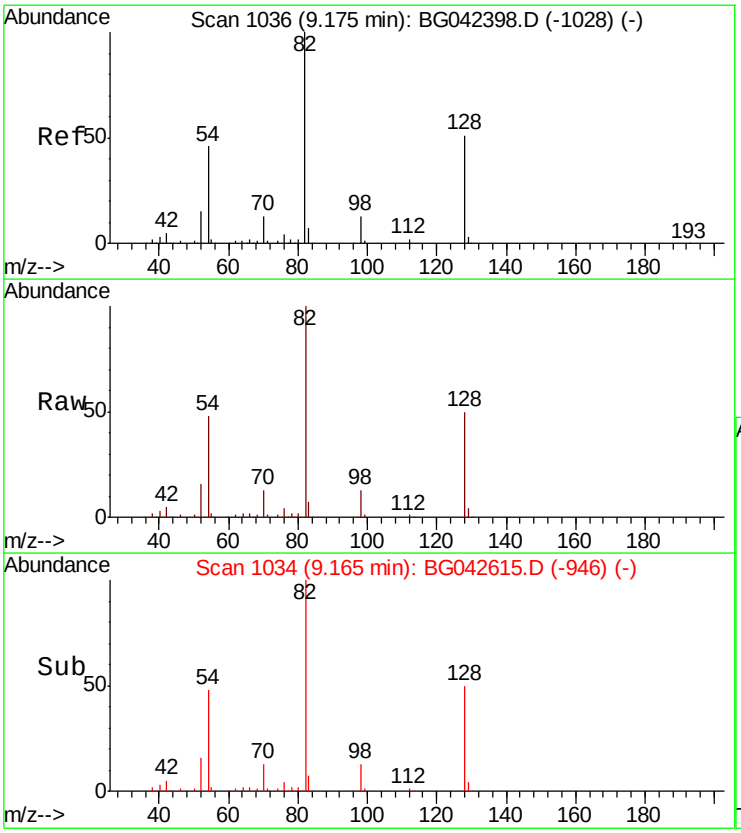
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Instrument :
BNA_G
ClientSampleId :
S702B-N-2.0-2.5-082719

Tgt Ion:136 Resp: 111292

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.3	4.9	7.3
68	3.9	3.6	5.4

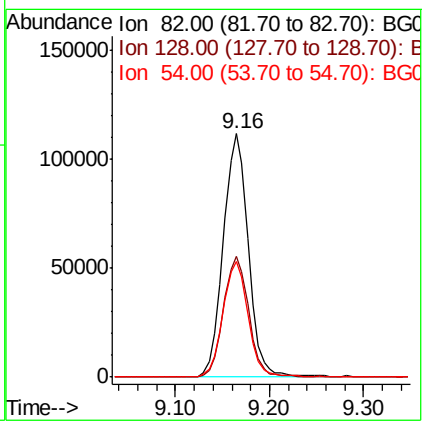


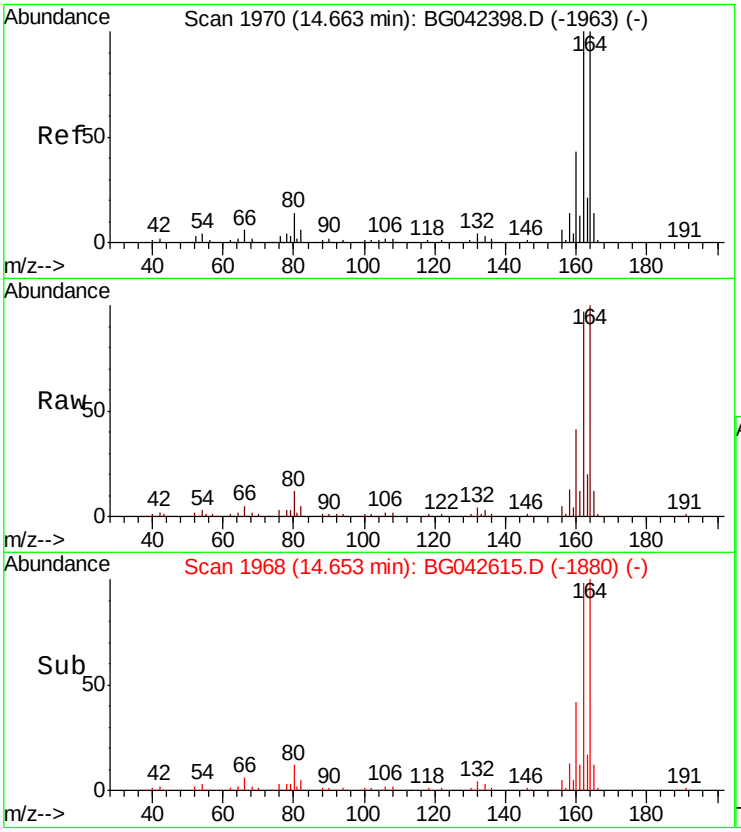


#23
Nitrobenzene-d5
Concen: 128.764 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Tgt Ion: 82 Resp: 207374

Ion	Ratio	Lower	Upper
82	100		
128	49.8	40.7	61.1
54	47.7	36.3	54.5



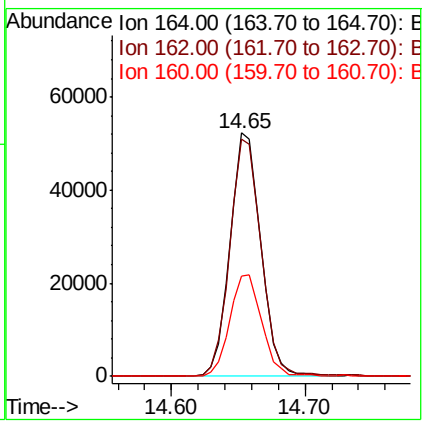


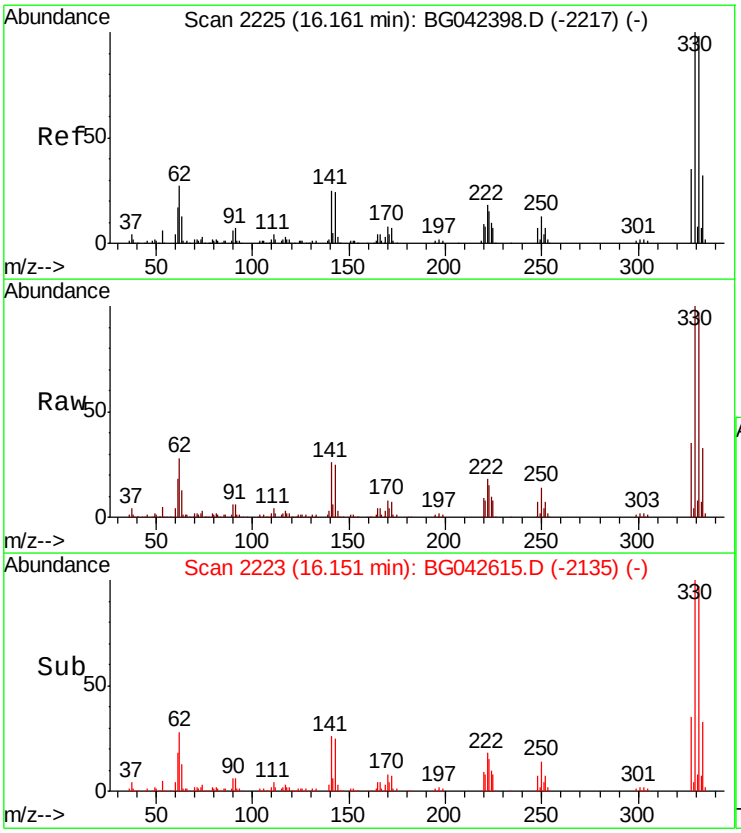
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Instrument :
BNA_G
ClientSampleId :
S702B-N-2.0-2.5-082719

Tgt Ion:164 Resp: 83939

Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.9	119.9
160	41.2	34.3	51.5

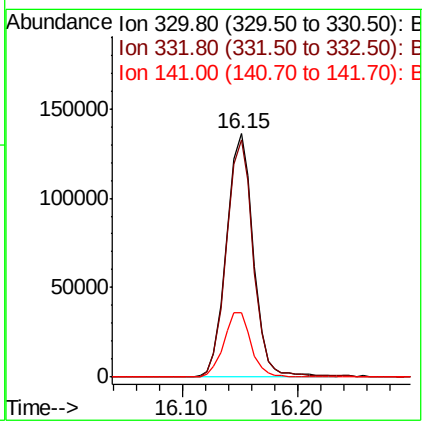


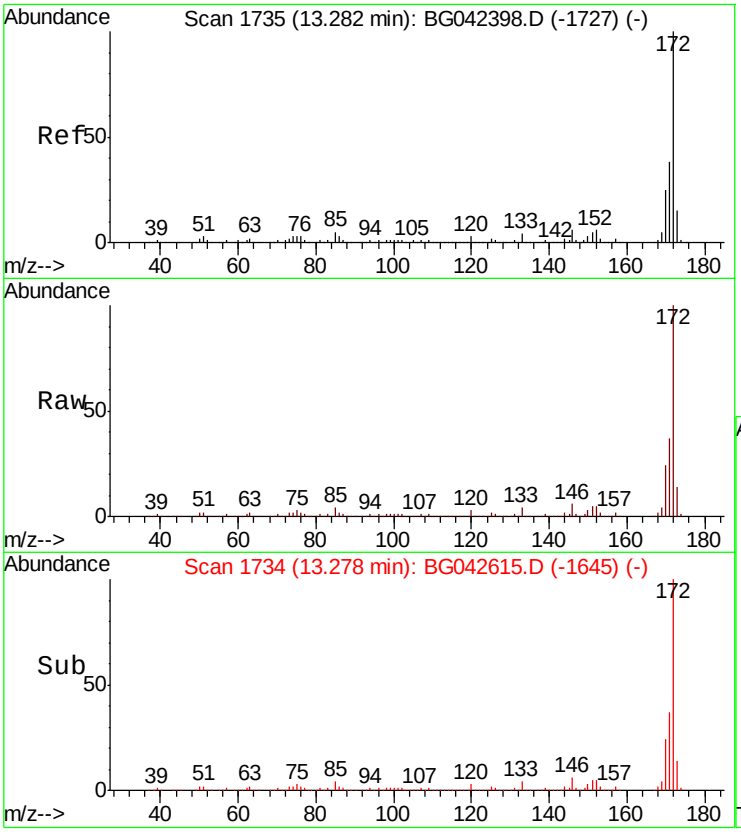


#42
2,4,6-Tribromophenol
Concen: 183.779 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Tgt Ion:330 Resp: 219259

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.0
141	26.9	21.4	32.0



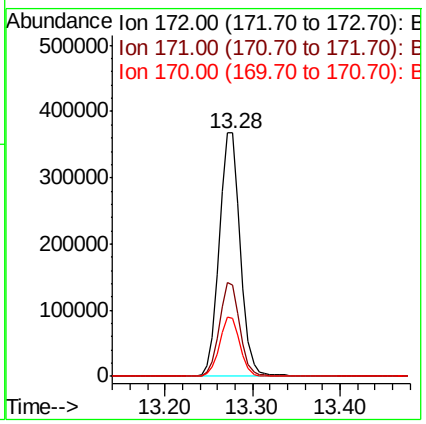


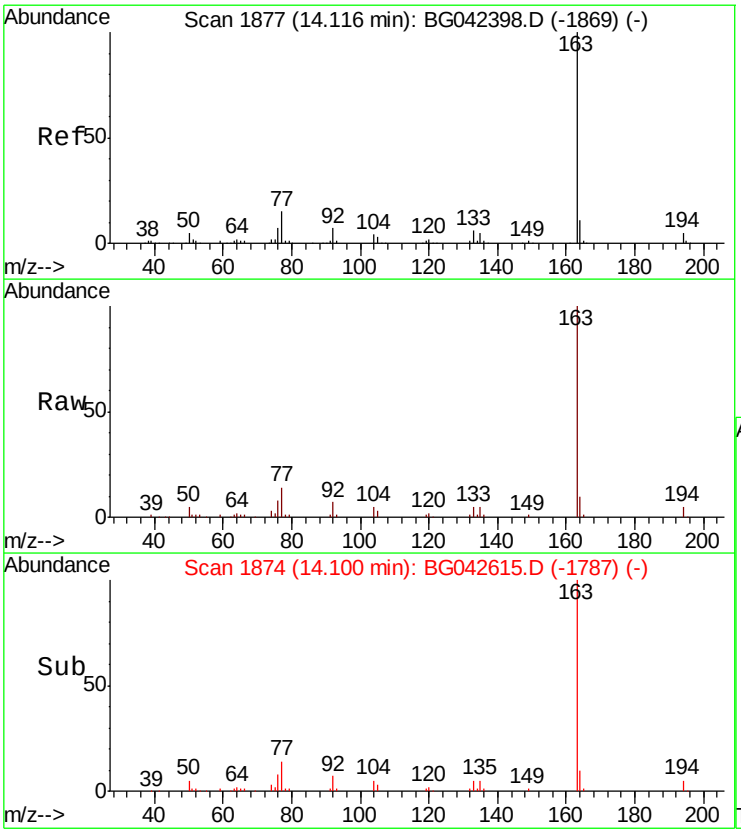
#45
2-Fluorobiphenyl
Concen: 123.732 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Instrument :
BNA_G
ClientSampleId :
S702B-N-2.0-2.5-082719

Tgt Ion:172 Resp: 614087

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	23.8	20.2	30.2

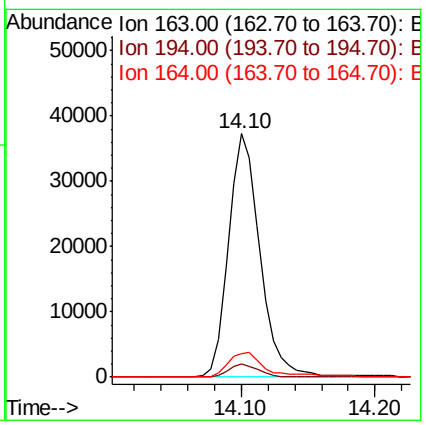


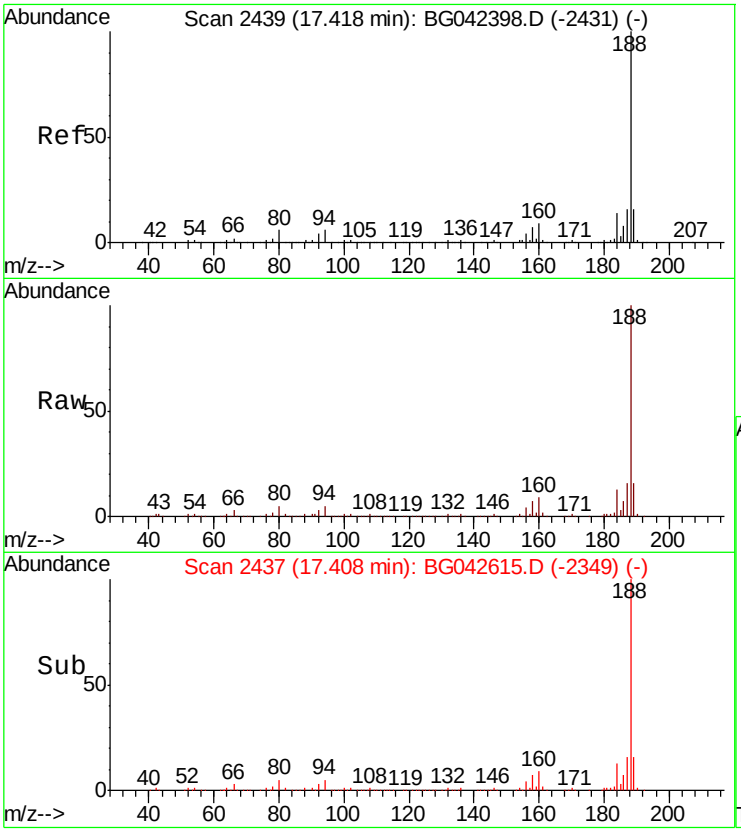


#50
Dimethylphthalate
Concen: 10.054 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Tgt Ion:163 Resp: 60895

Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	9.7	8.8	13.2



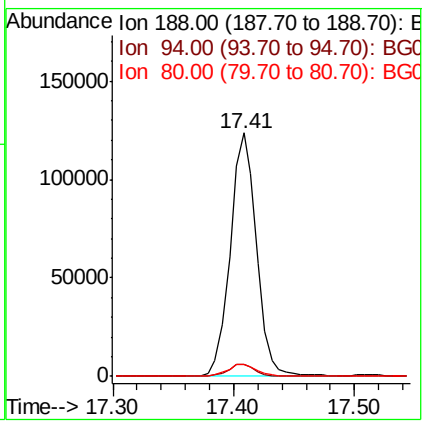


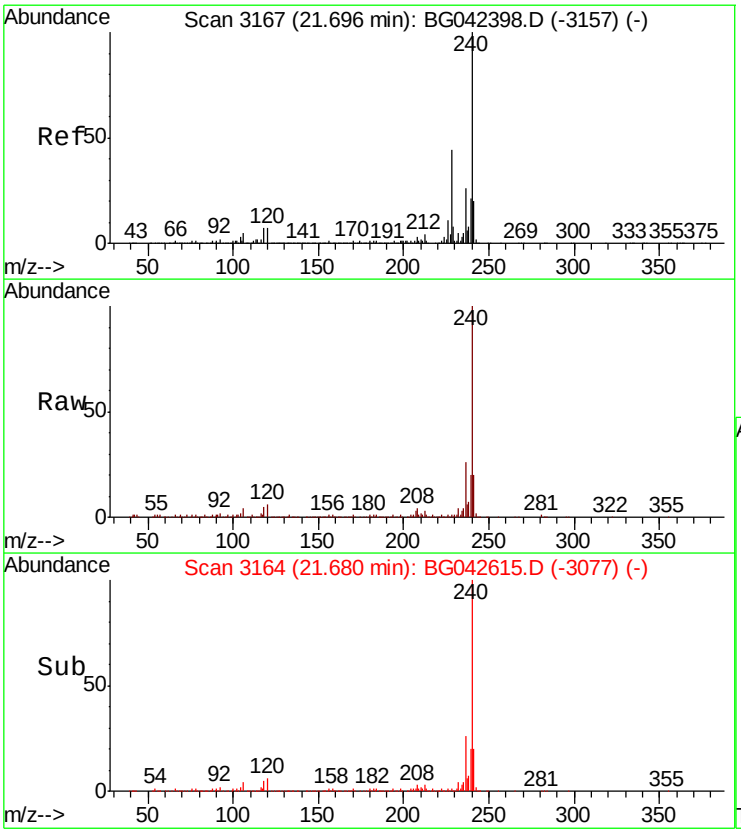
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Instrument :
BNA_G
ClientSampleId :
S702B-N-2.0-2.5-082719

Tgt Ion:188 Resp: 186602

Ion	Ratio	Lower	Upper
188	100		
94	4.7	4.5	6.7
80	5.0	4.9	7.3

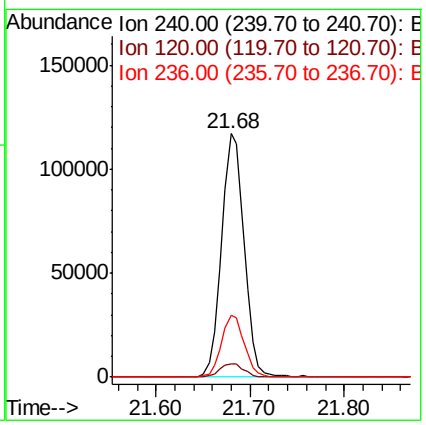


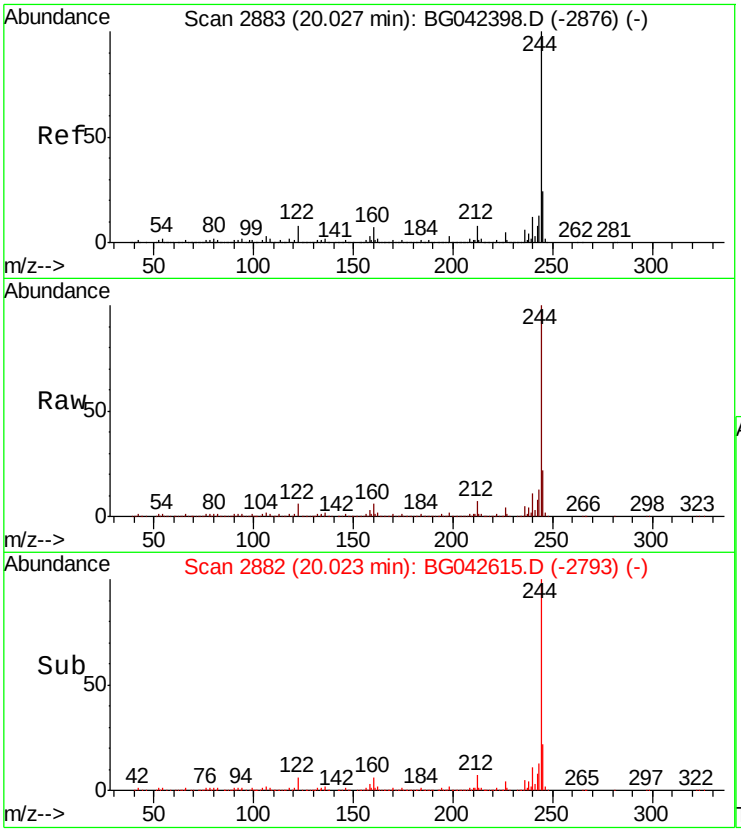


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Tgt Ion:240 Resp: 195811

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	25.6	21.0	31.4



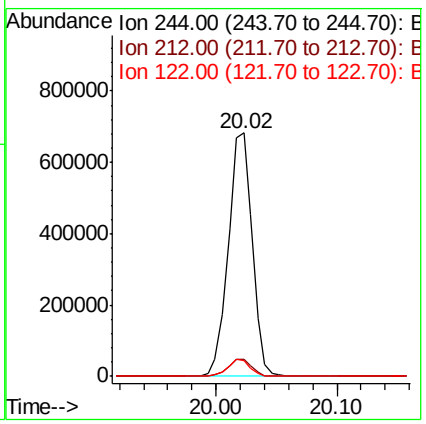


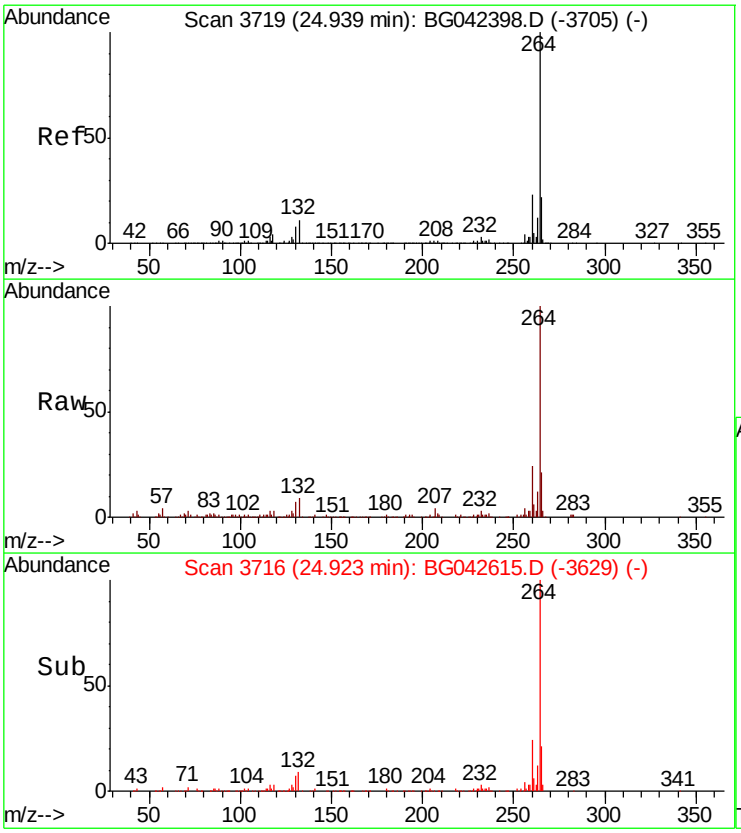
#79
Terphenyl-d14
Concen: 103.666 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042615.D
Acq: 31 Aug 2019 00:28

Instrument :
BNA_G
ClientSampleId :
S702B-N-2.0-2.5-082719

Tgt Ion:244 Resp: 938932

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	6.3	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: BG042615.D
Acq: 31 Aug 2019 00:28

Tgt Ion:264 Resp: 230199

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	20.7	17.6	26.4