Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042731.D
Acq On : 5 Sep 2019 21:57
Operator : HP/JU
Sample : K4409-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S300-J-3.0-3.5-081919

Quant Time: Sep 06 07:27:28 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	32508	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	119162	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	86191	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	205068	20.00	ng	0.00
76) Chrysene-d12	21.69	240	241484	20.00	ng	0.00
87) Perylene-d12	24.92	264	287494	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	157683	98.24	ng	0.00
7) Phenol-d6	7.16	99	202201	93.26	ng	-0.01
23) Nitrobenzene-d5	9.17	82	112645	65.32	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	129407	105.63	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	359470	70.54	ng	0.00
79) Terphenyl-d14	20.02	244	714843	64.00	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.19	94	5702	2.587	ng	86
50) Dimethylphthalate	14.11	163	59623	9.587	ng	99

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

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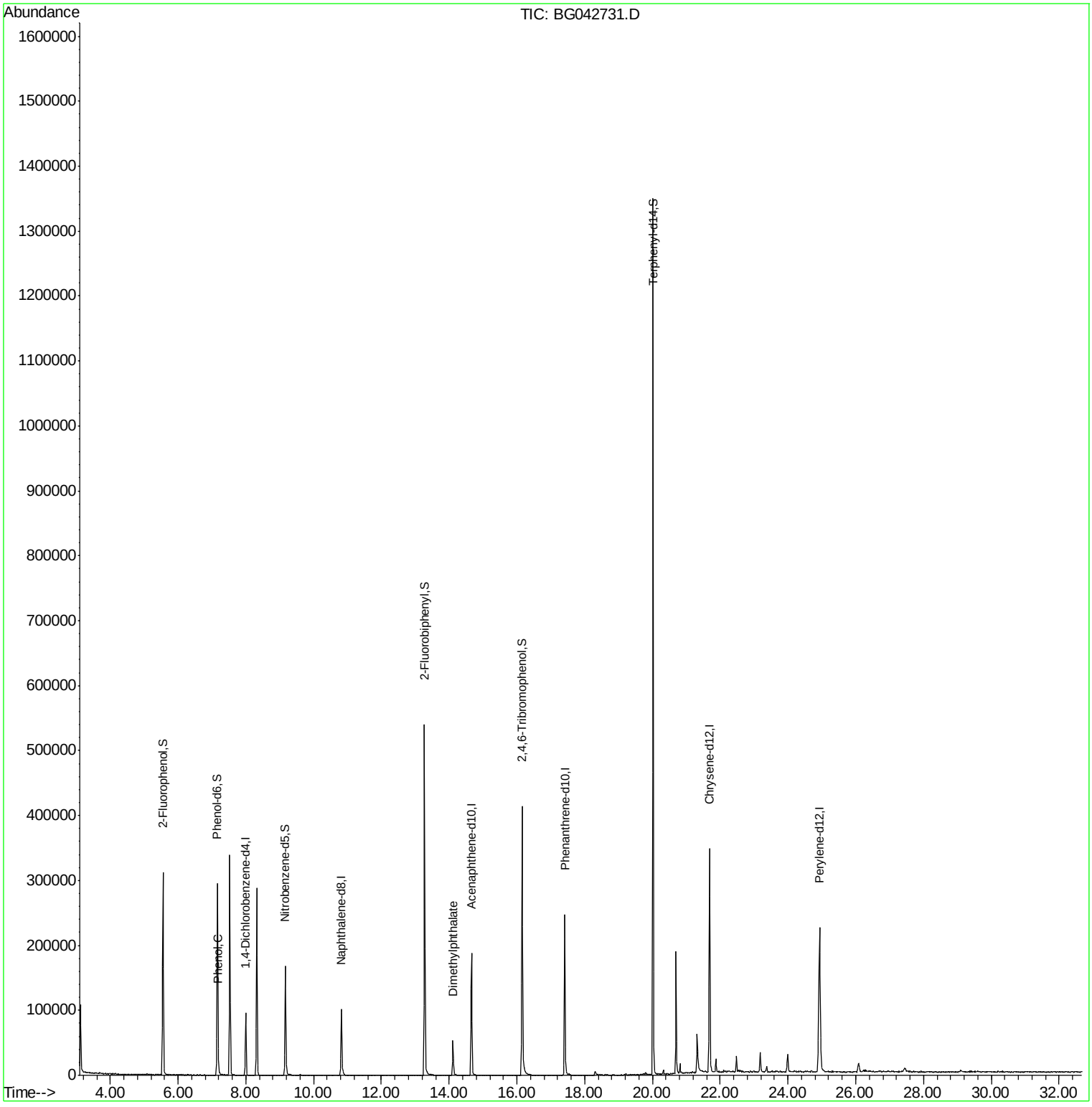
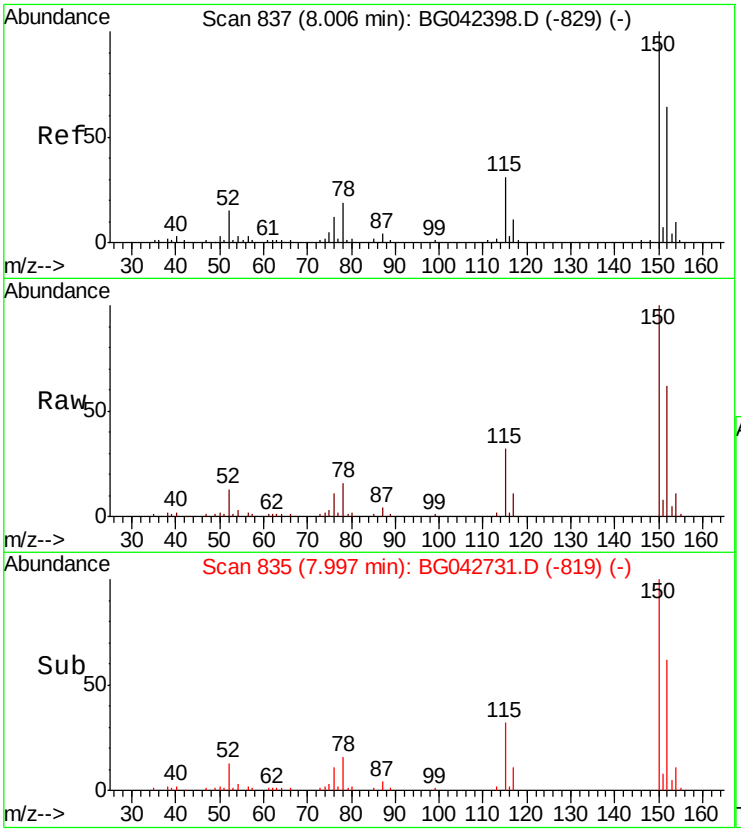


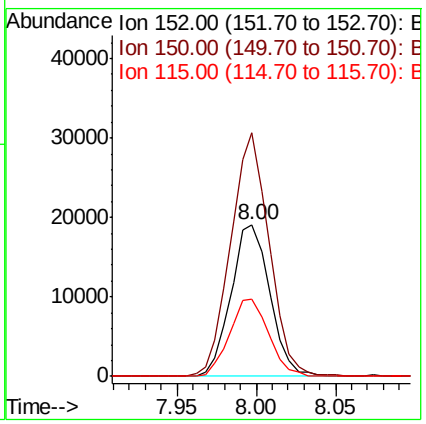


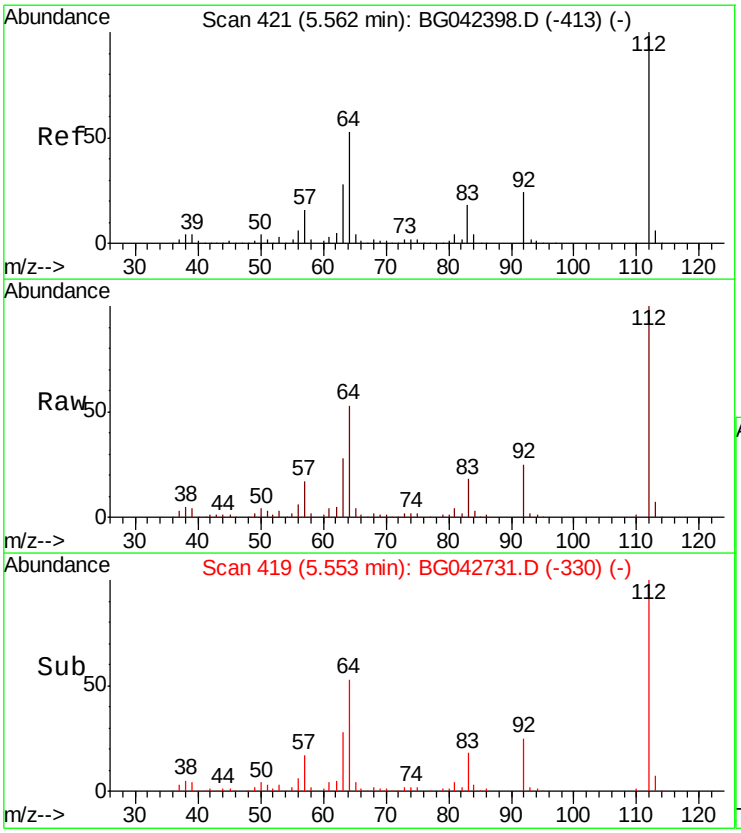
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Instrument :
BNA_G
ClientSampleId :
S300-J-3.0-3.5-081919

Tgt Ion:152 Resp: 32508

Ion	Ratio	Lower	Upper
152	100		
150	160.1	125.4	188.0
115	51.0	38.5	57.7

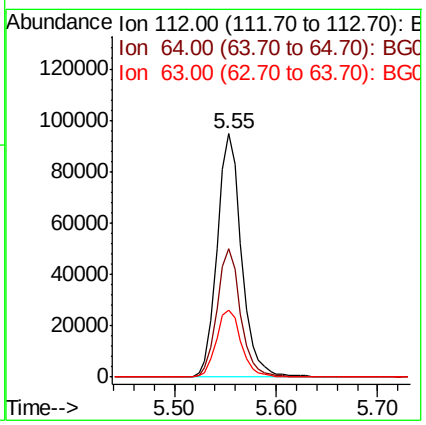


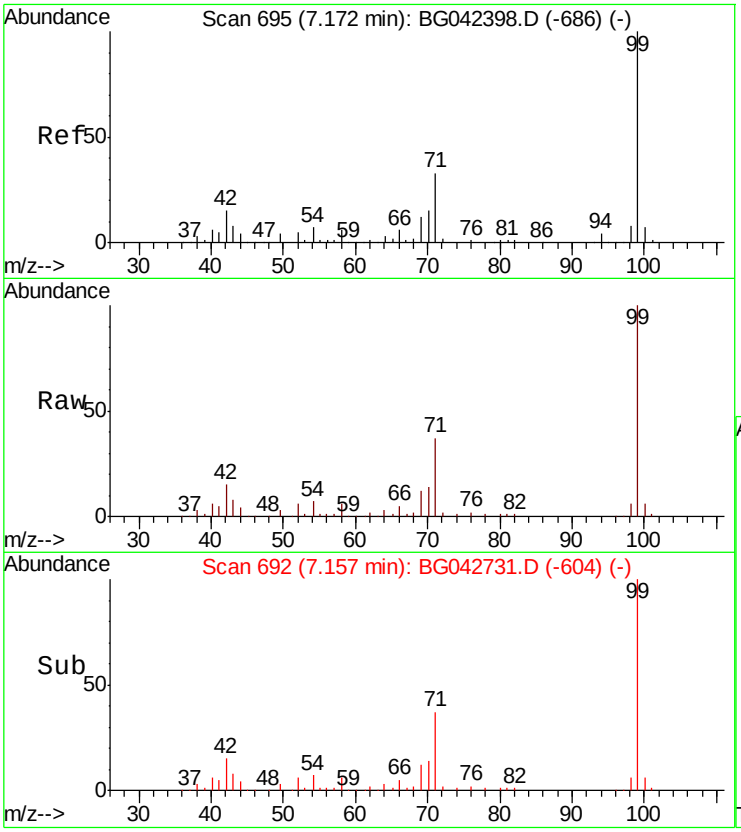


#5
2-Fluorophenol
Concen: 98.239 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Tgt Ion:112 Resp: 157683

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.8	64.2
63	27.6	22.7	34.1



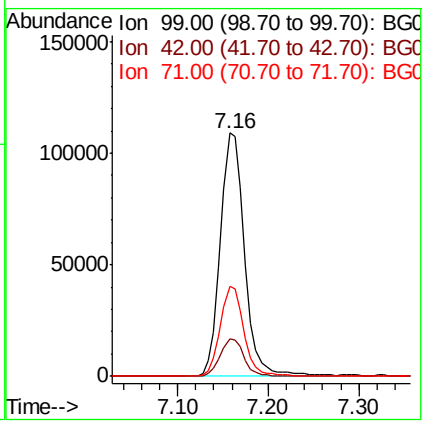


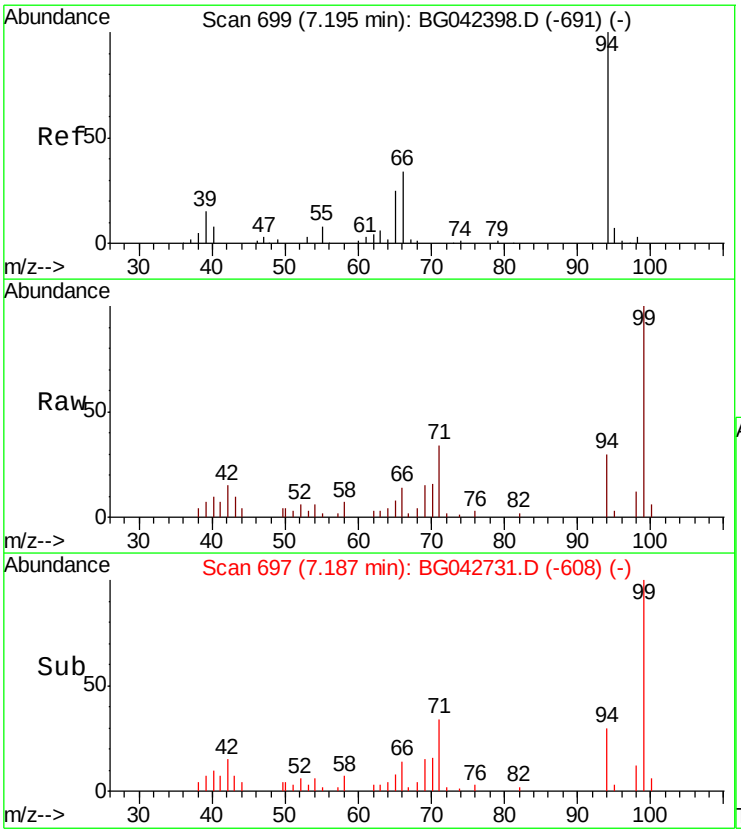
#7
Phenol-d6
Concen: 93.261 ng
RT: 7.16 min Scan# 692
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Instrument :
BNA_G
ClientSampleId :
S300-J-3.0-3.5-081919

Tgt Ion: 99 Resp: 202201

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.0	18.0
71	36.8	26.3	39.5

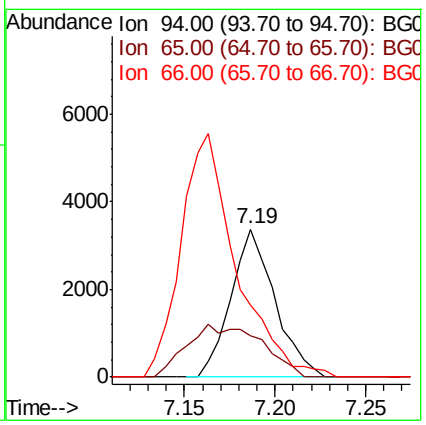


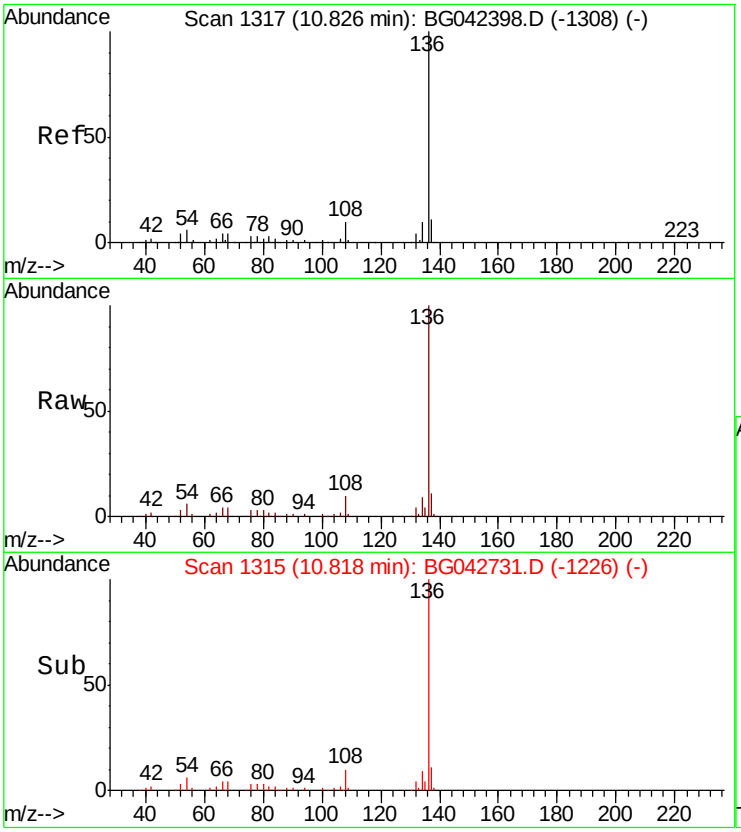


#10
Phenol
Concen: 2.587 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Tgt Ion: 94 Resp: 5702

Ion	Ratio	Lower	Upper
94	100		
65	27.8	5.6	45.6
66	48.3	16.0	56.0



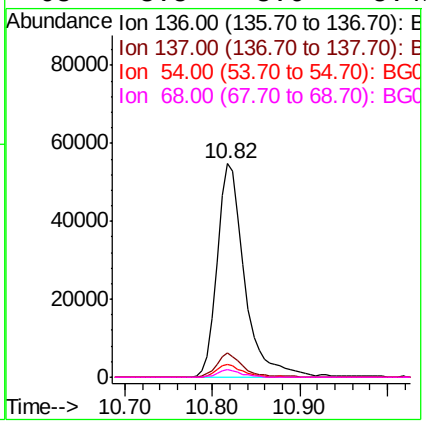


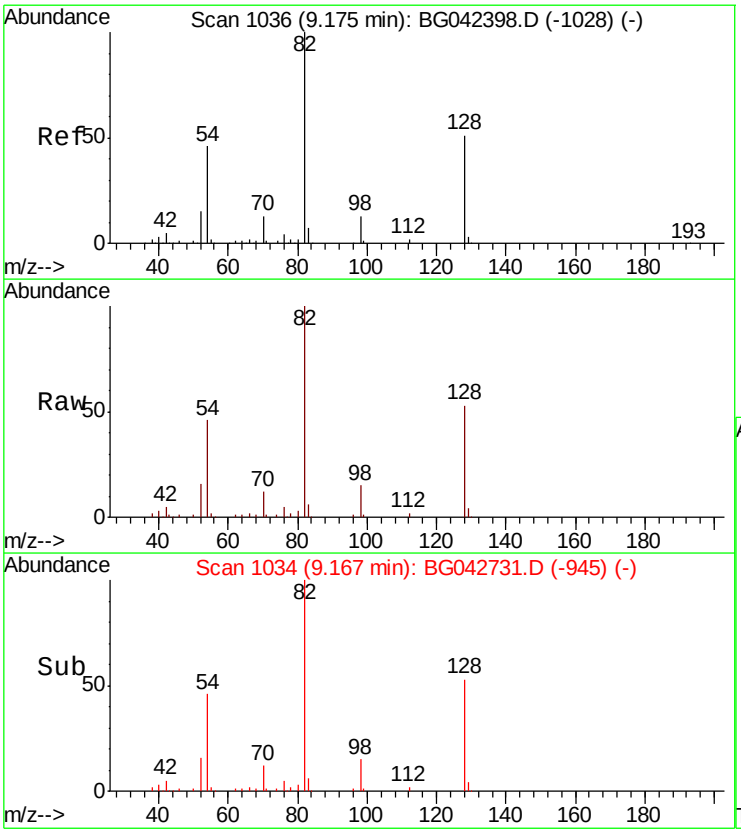
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Instrument :
BNA_G
ClientSampleId :
S300-J-3.0-3.5-081919

Tgt Ion:136 Resp: 119162

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.0	4.9	7.3
68	3.5	3.6	5.4#

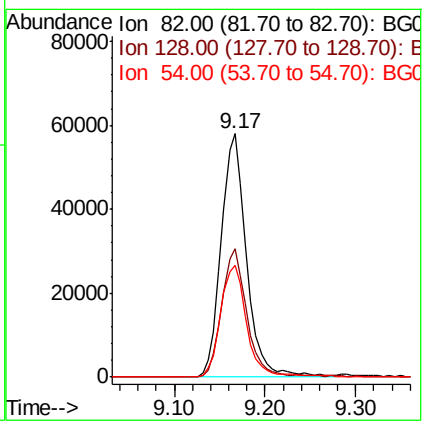


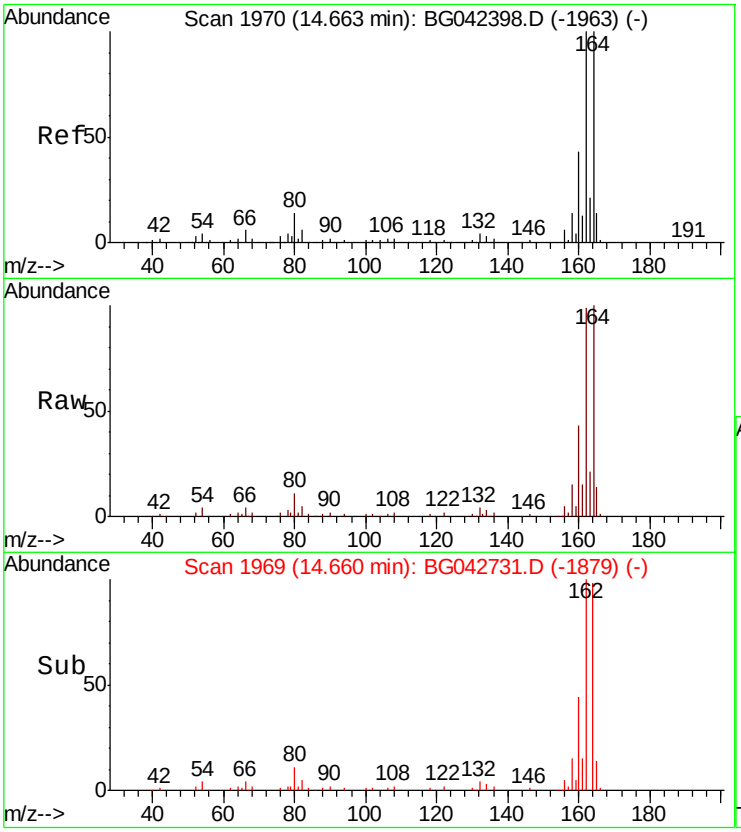


#23
Nitrobenzene-d5
Concen: 65.325 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Tgt Ion: 82 Resp: 112645

Ion	Ratio	Lower	Upper
82	100		
128	52.8	40.7	61.1
54	46.0	36.3	54.5



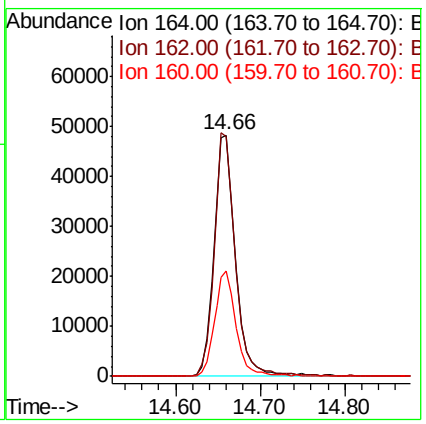


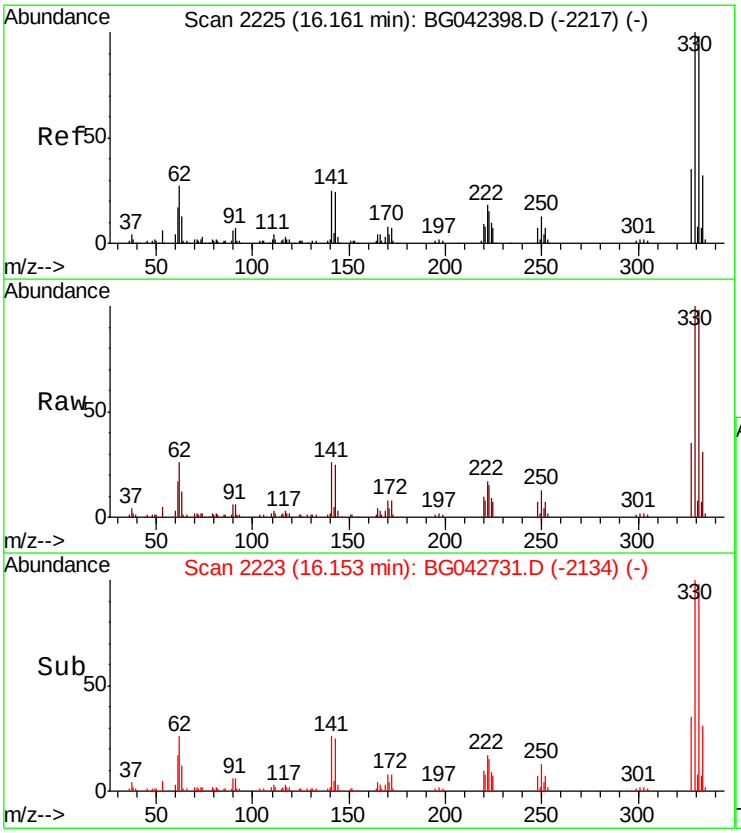
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Instrument :
BNA_G
ClientSampleId :
S300-J-3.0-3.5-081919

Tgt Ion:164 Resp: 86191

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.9	119.9
160	43.4	34.3	51.5

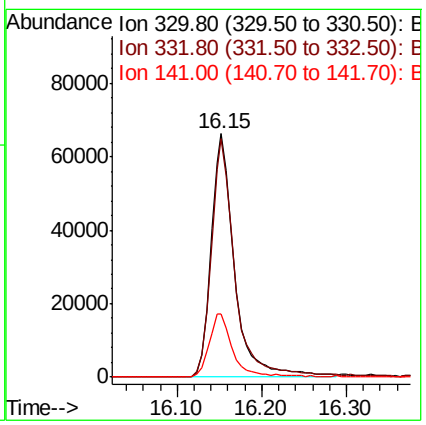


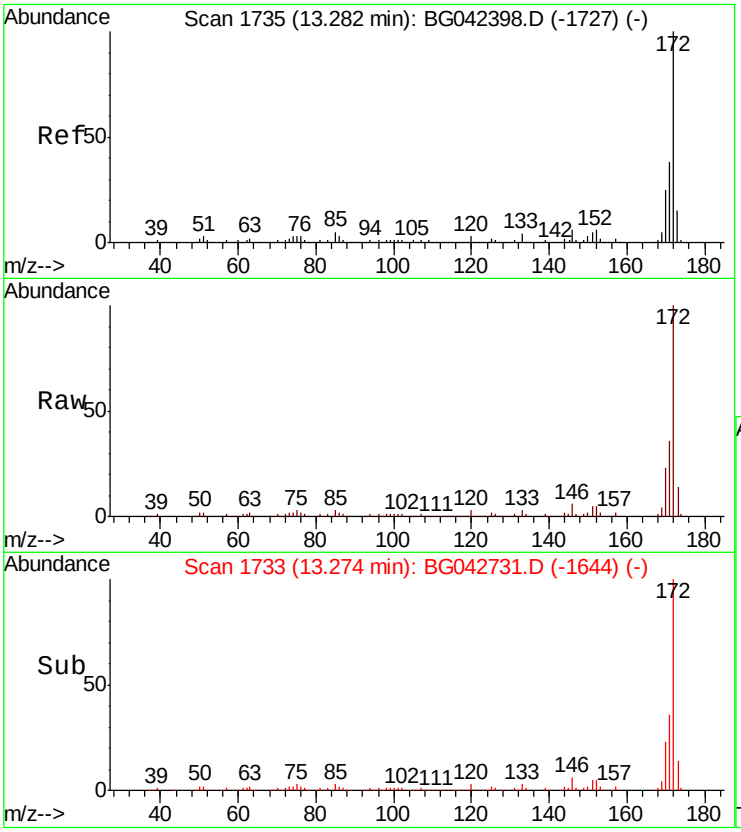


#42
2,4,6-Tribromophenol
Concen: 105.633 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Tgt Ion:330 Resp: 129407

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	26.1	21.4	32.0



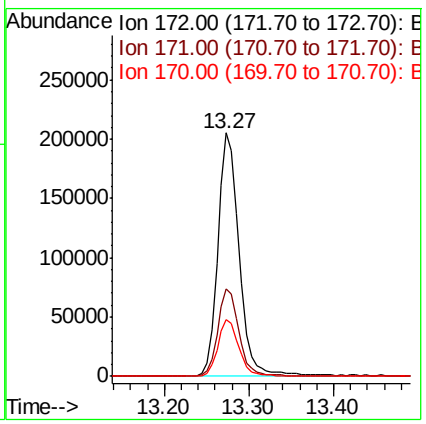


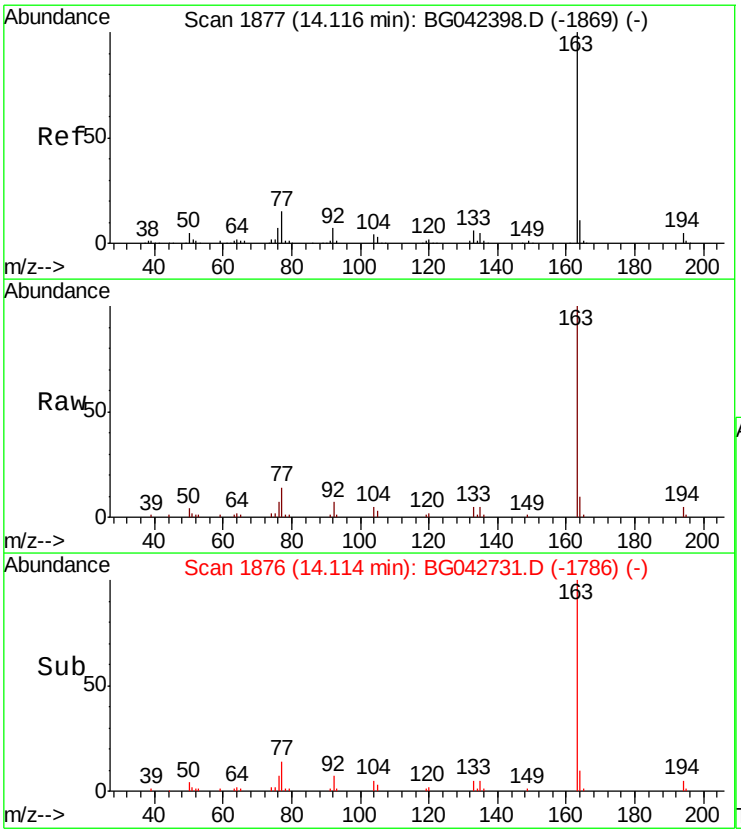
#45
2-Fluorobiphenyl
Concen: 70.537 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Instrument :
BNA_G
ClientSampleId :
S300-J-3.0-3.5-081919

Tgt Ion:172 Resp: 359470

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.5	45.7
170	23.1	20.2	30.2

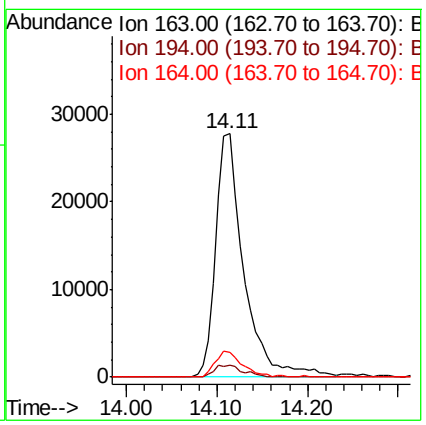


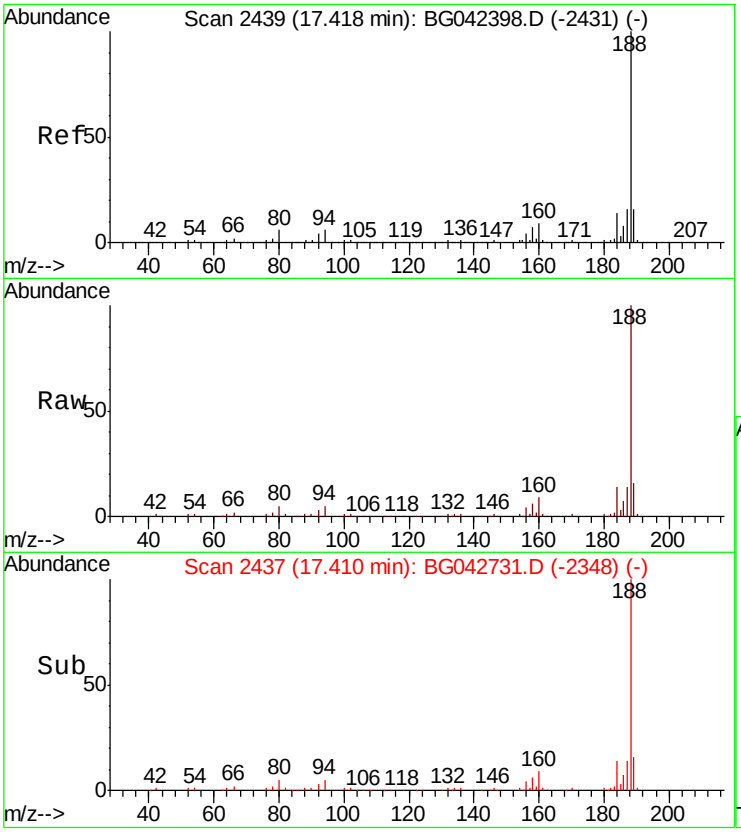


#50
Dimethylphthalate
Concen: 9.587 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Tgt Ion:163 Resp: 59623

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	10.3	8.8	13.2



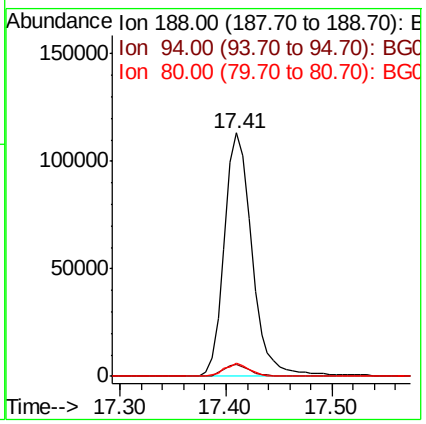


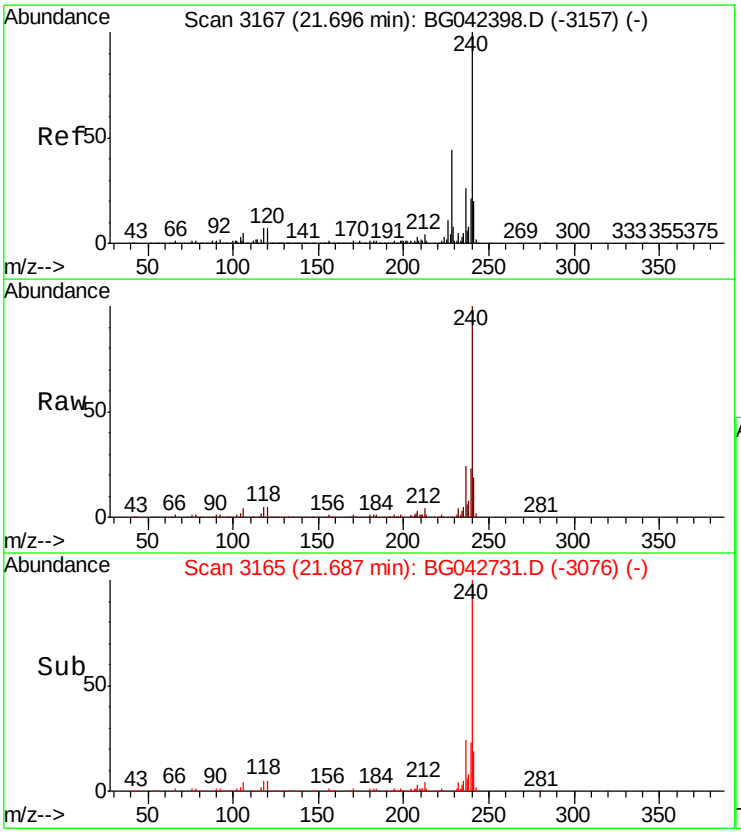
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Instrument :
BNA_G
ClientSampleId :
S300-J-3.0-3.5-081919

Tgt Ion:188 Resp: 205068

Ion	Ratio	Lower	Upper
188	100		
94	4.7	4.5	6.7
80	5.2	4.9	7.3

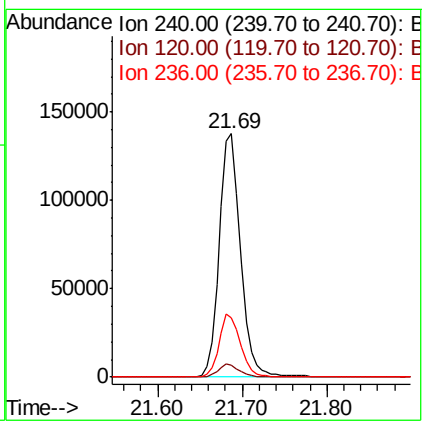


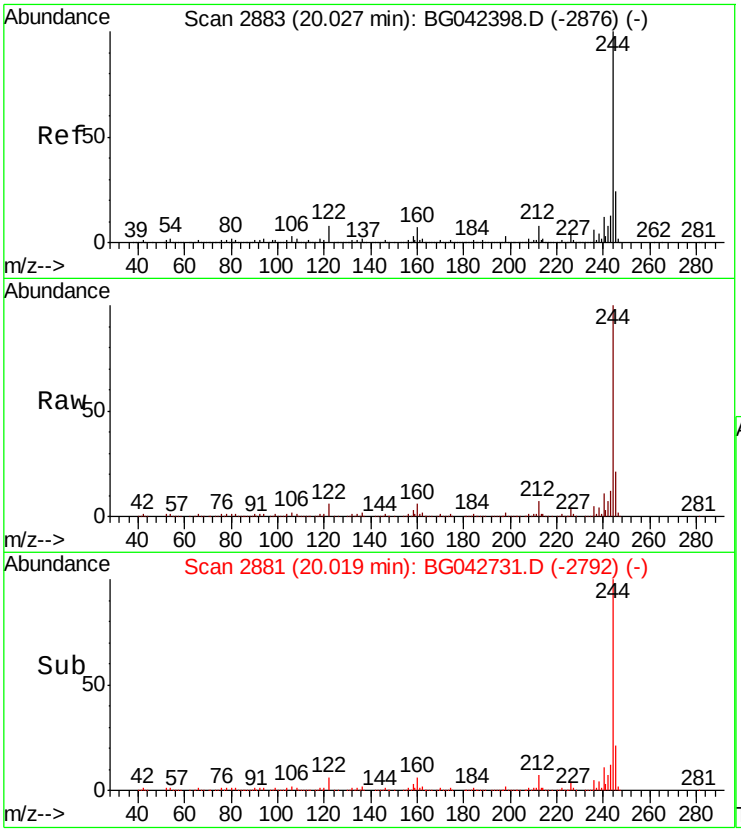


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Tgt Ion:240 Resp: 241484

Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.7	8.5#
236	24.3	21.0	31.4



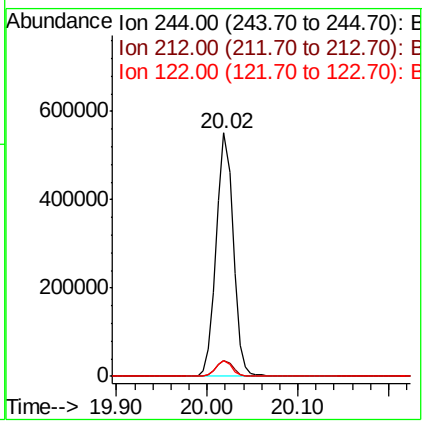


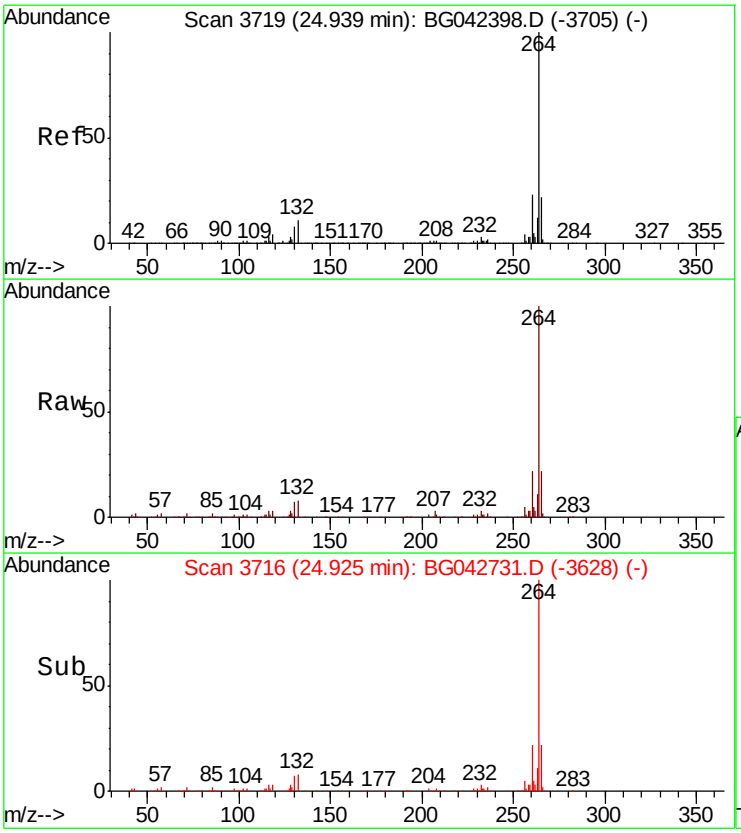
#79
Terphenyl-d14
Concen: 63.997 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Instrument :
BNA_G
ClientSampleId :
S300-J-3.0-3.5-081919

Tgt Ion:244 Resp: 714843

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	6.2	6.7	10.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG042731.D
Acq: 5 Sep 2019 21:57

Tgt Ion:264 Resp: 287494

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.5	27.7
265	21.8	17.6	26.4