Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042730.D
Acq On : 5 Sep 2019 21:19
Operator : HP/JU
Sample : K4409-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S300-J-2.0-2.5-081919

Quant Time: Sep 06 07:22:55 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	7.99	152	32254	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	117757	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	84024	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	195948	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	237845	20.00	ng	0.00
87) Perylene-d12	24.93	264	278205	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	214001	134.38	ng	0.00
7) Phenol-d6	7.16	99	272430	126.64	ng	-0.01
23) Nitrobenzene-d5	9.16	82	155045	90.99	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	164552	137.79	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	460033	92.60	ng	0.00
79) Terphenyl-d14	20.02	244	878895	79.89	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.19	94	5850	2.675	ng	# 70
50) Dimethylphthalate	14.11	163	62541	10.316	ng	98

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

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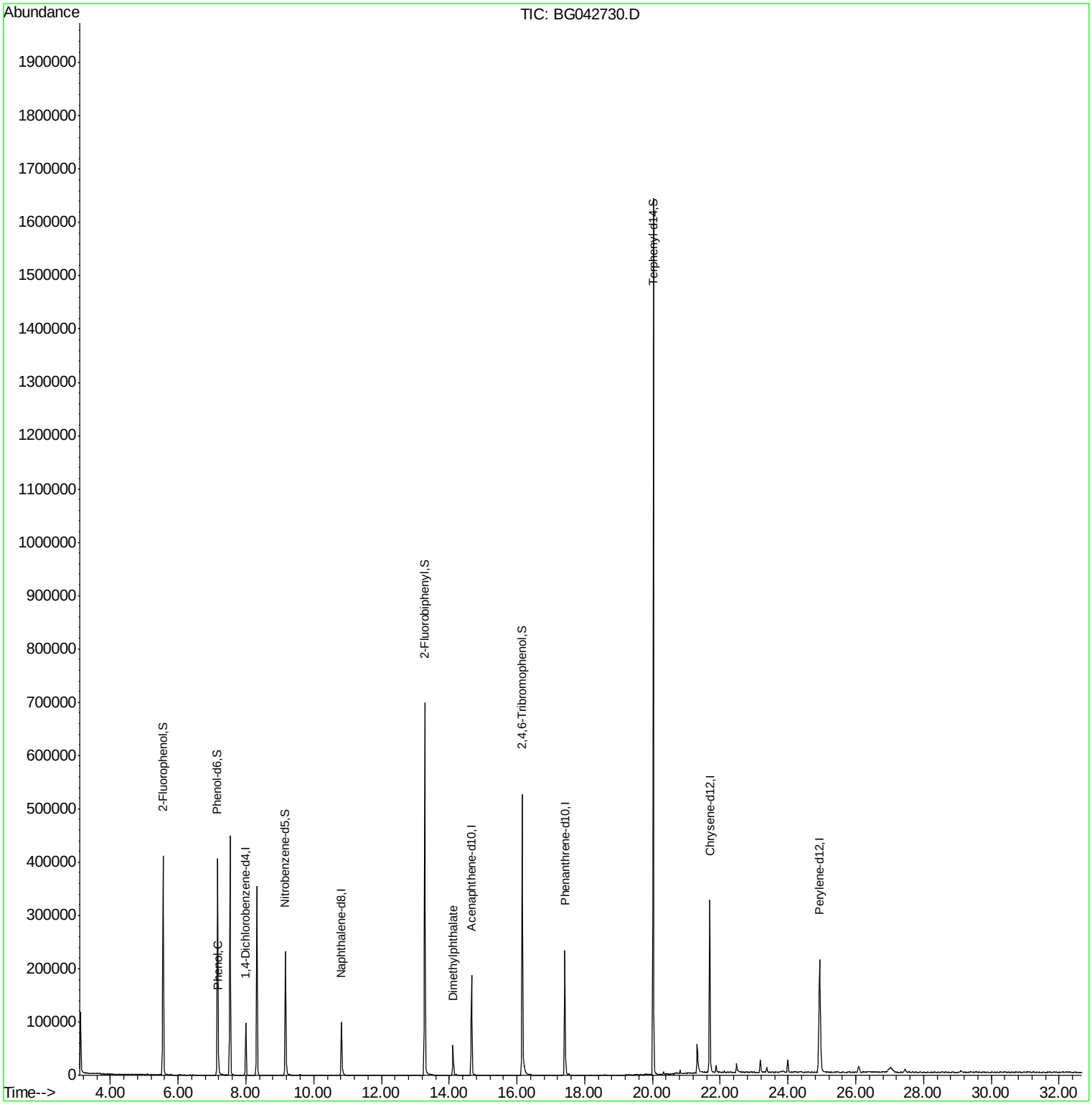
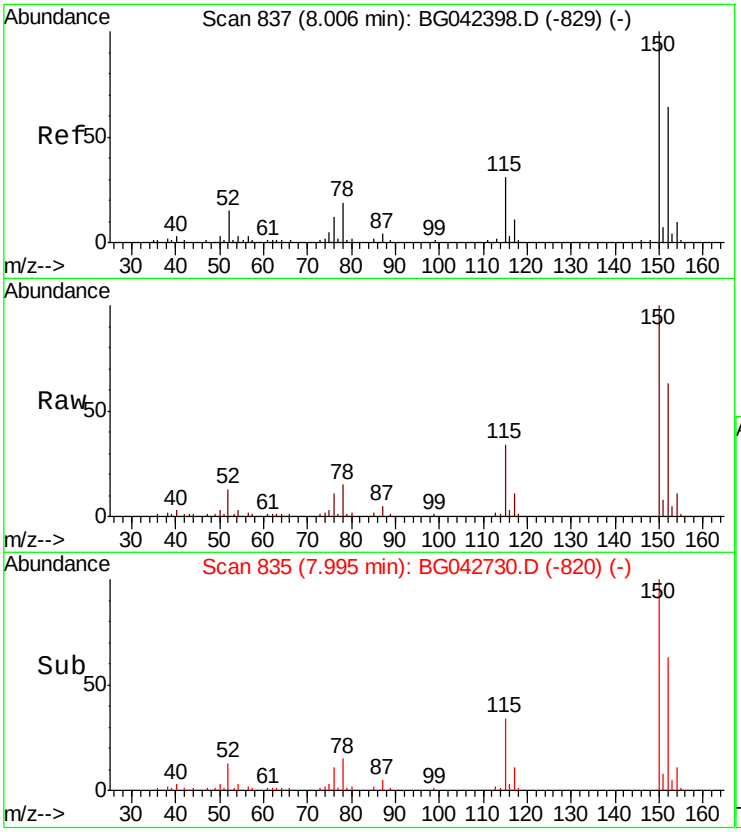


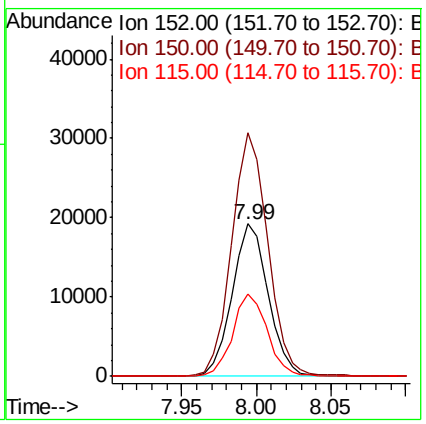


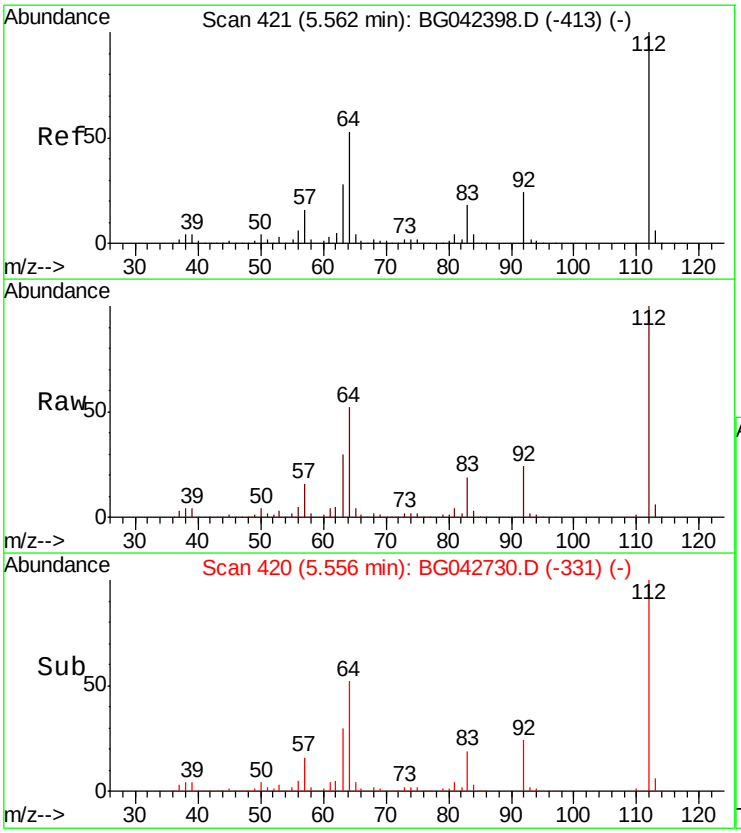
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Instrument :
BNA_G
ClientSampleId :
S300-J-2.0-2.5-081919

Tgt Ion:152 Resp: 32254

Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.4	188.0
115	53.6	38.5	57.7

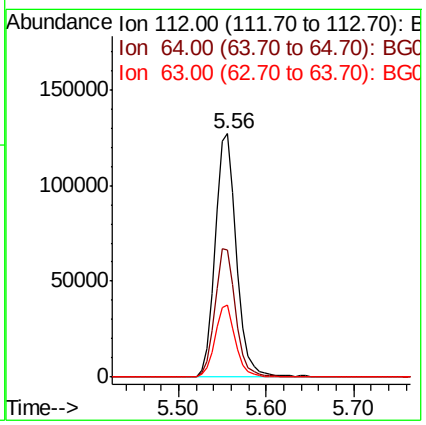


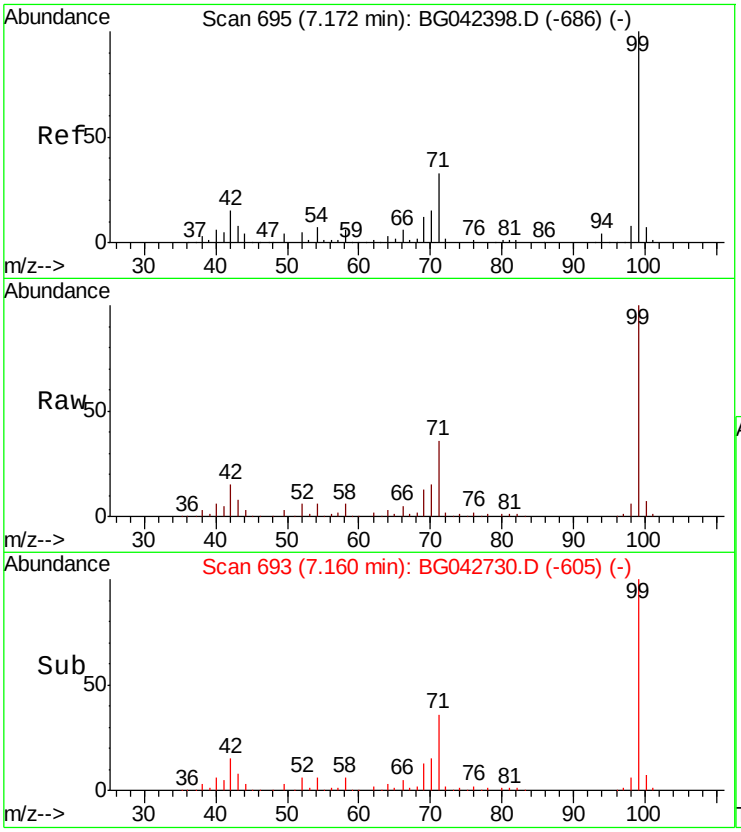


#5
2-Fluorophenol
Concen: 134.375 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion:112 Resp: 214001

Ion	Ratio	Lower	Upper
112	100		
64	52.0	42.8	64.2
63	29.5	22.7	34.1



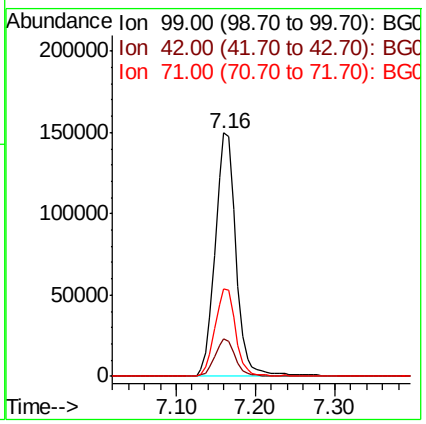


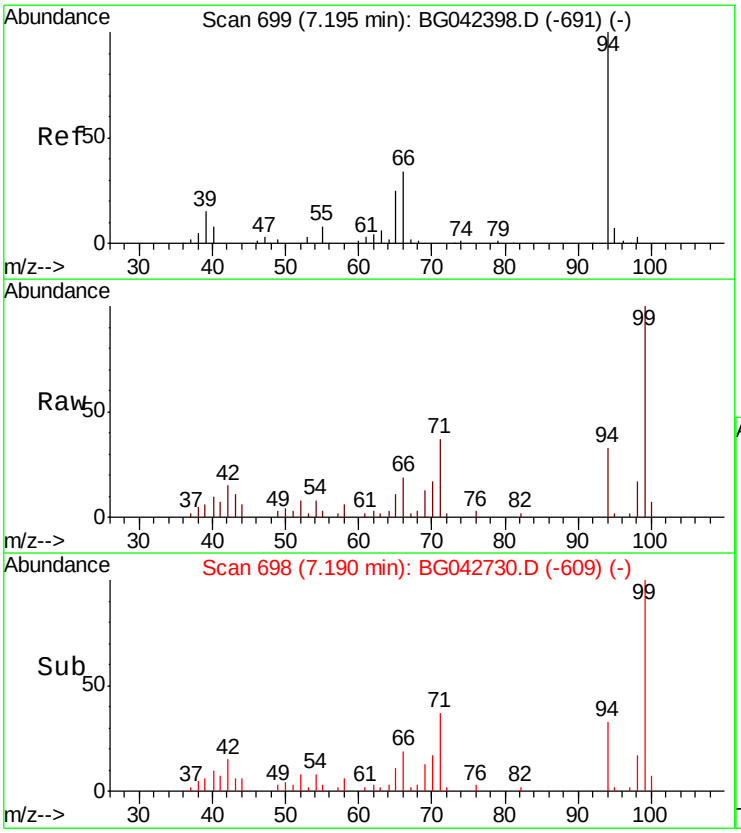
#7
Phenol-d6
Concen: 126.642 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Instrument :
BNA_G
ClientSampleId :
S300-J-2.0-2.5-081919

Tgt Ion: 99 Resp: 272430

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.0	18.0
71	36.0	26.3	39.5

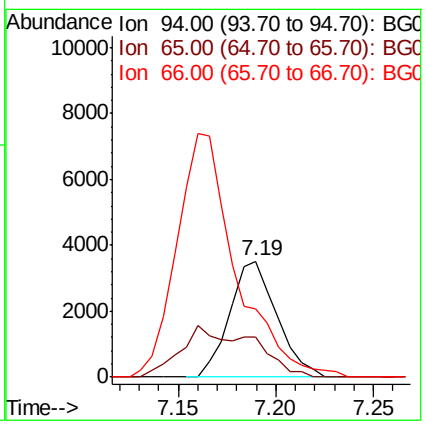


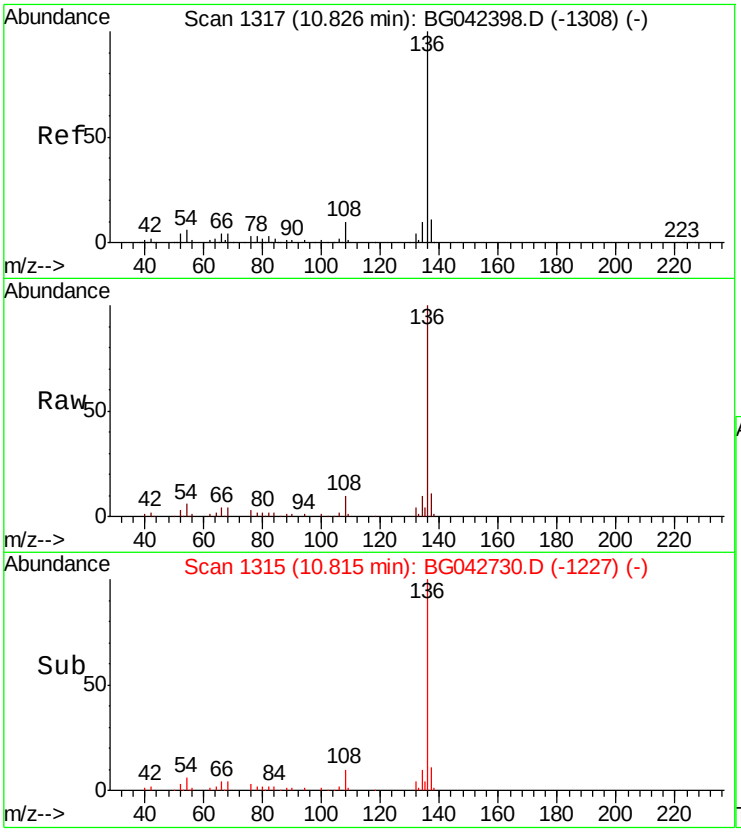


#10
Phenol
Concen: 2.675 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion: 94 Resp: 5850

Ion	Ratio	Lower	Upper
94	100		
65	34.7	5.6	45.6
66	58.5	16.0	56.0#



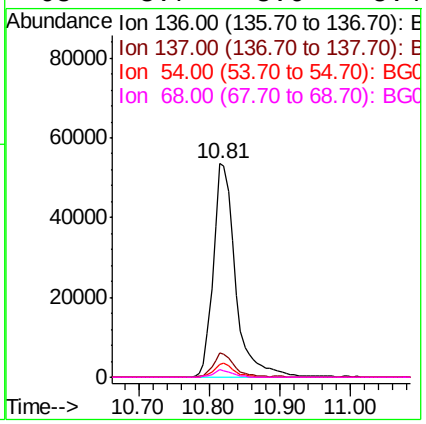


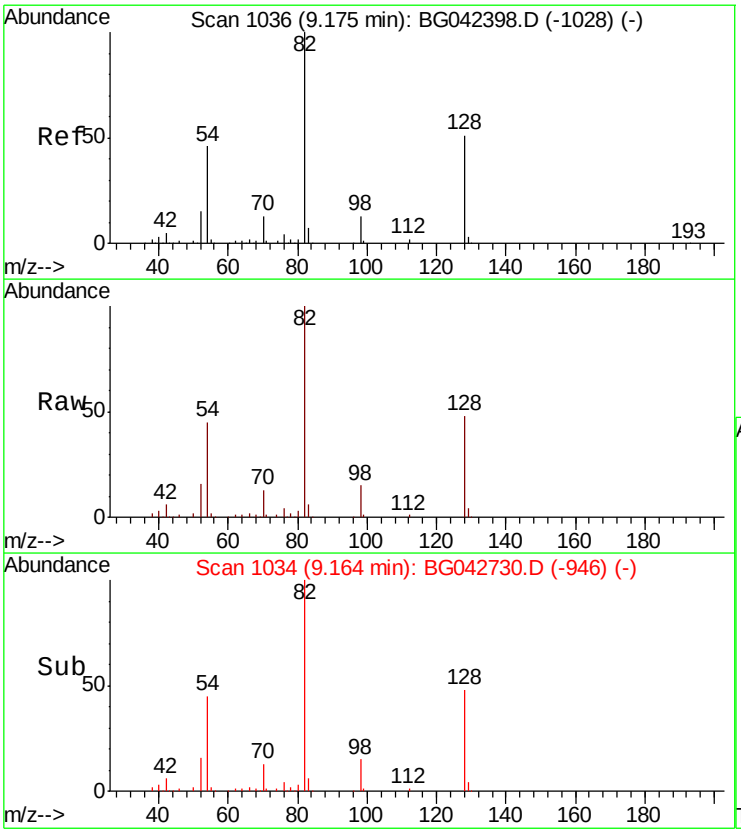
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Instrument :
BNA_G
ClientSampleId :
S300-J-2.0-2.5-081919

Tgt Ion:136 Resp: 117757

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.0	4.9	7.3
68	3.7	3.6	5.4

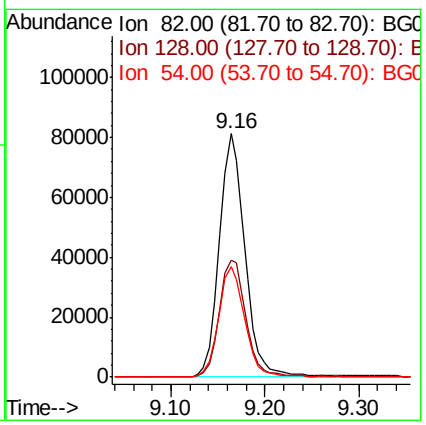


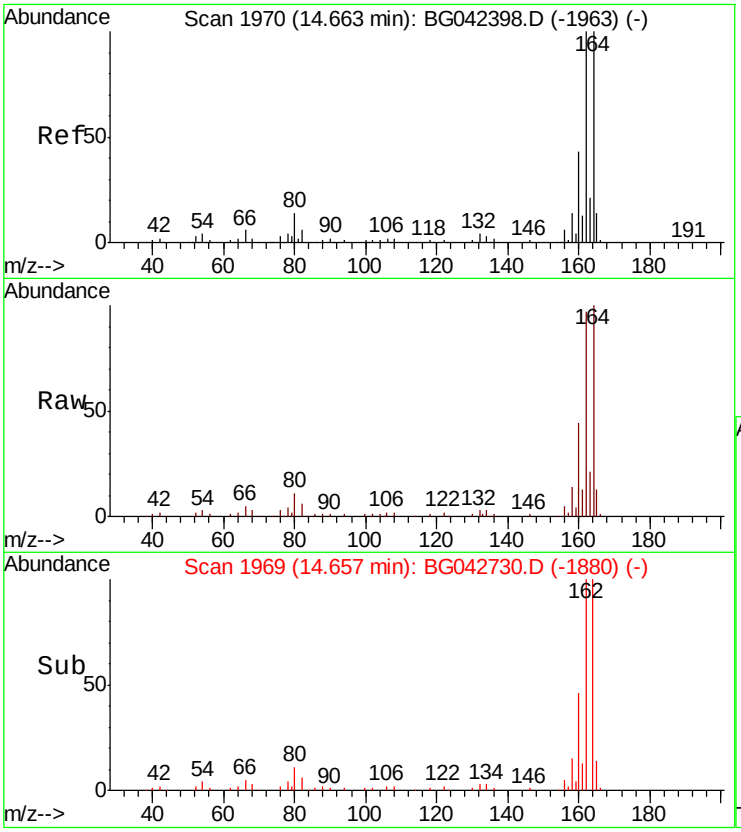


#23
Nitrobenzene-d5
Concen: 90.986 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion: 82 Resp: 155045

Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.7	61.1
54	45.5	36.3	54.5



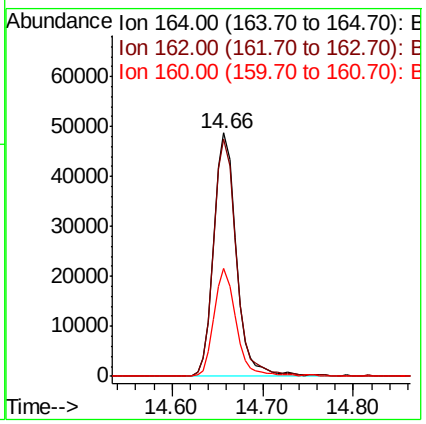


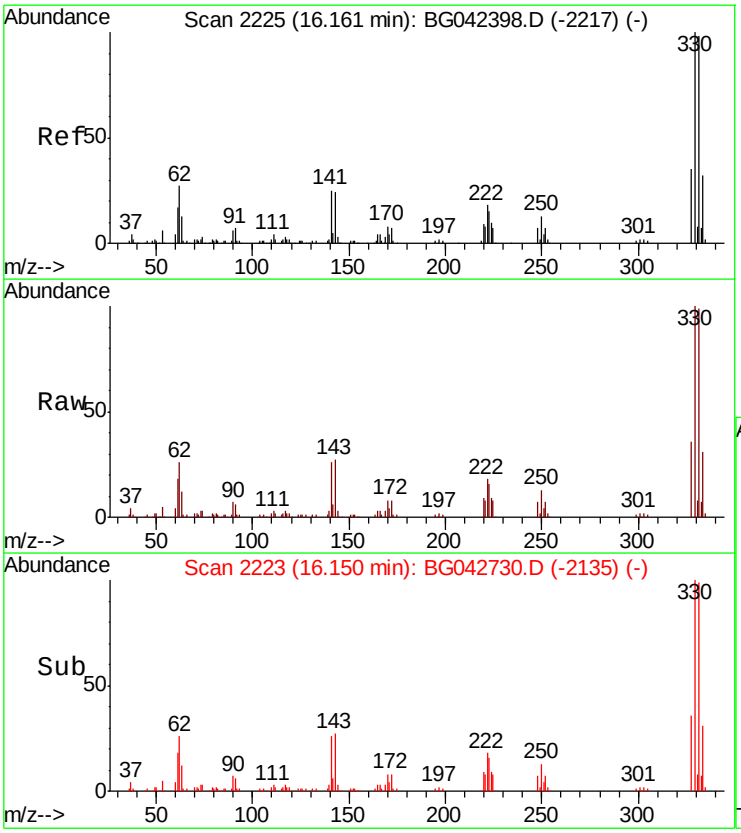
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Instrument :
BNA_G
ClientSampleId :
S300-J-2.0-2.5-081919

Tgt Ion:164 Resp: 84024

Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.9	119.9
160	44.4	34.3	51.5

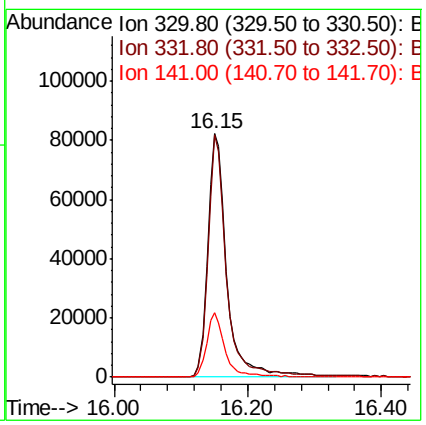


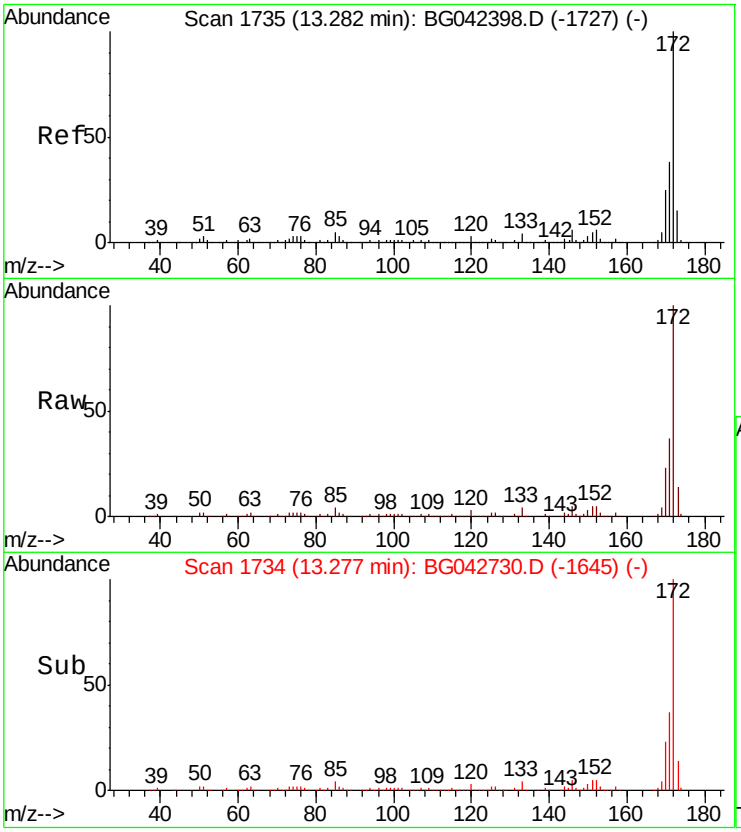


#42
2,4,6-Tribromophenol
Concen: 137.785 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion:330 Resp: 164552

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.4	116.0
141	25.7	21.4	32.0



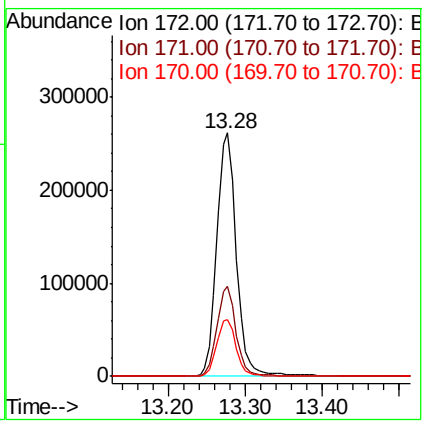


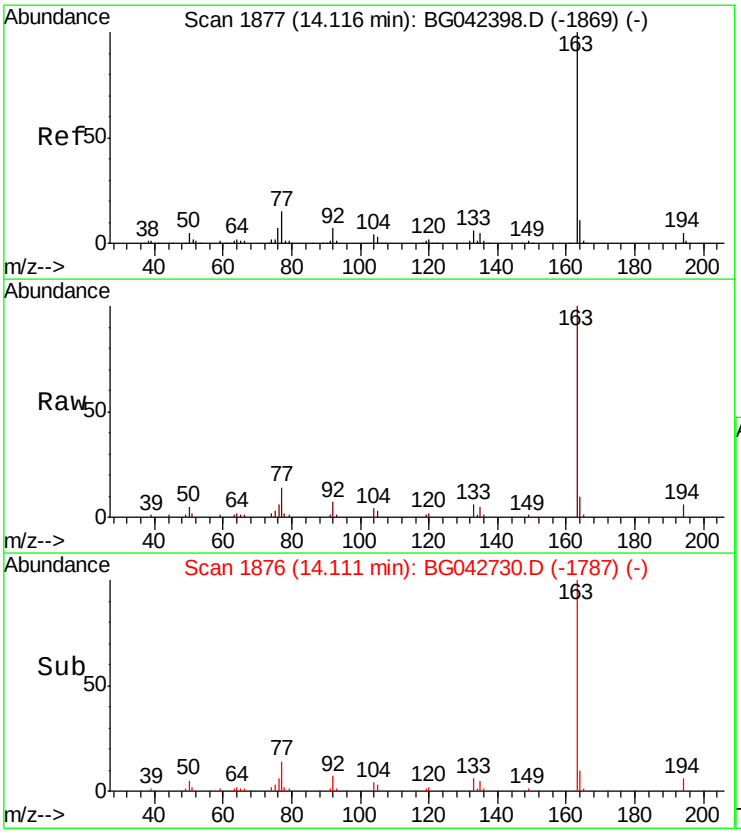
#45
2-Fluorobiphenyl
Concen: 92.598 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Instrument :
BNA_G
ClientSampleId :
S300-J-2.0-2.5-081919

Tgt Ion:172 Resp: 460033

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	23.5	20.2	30.2

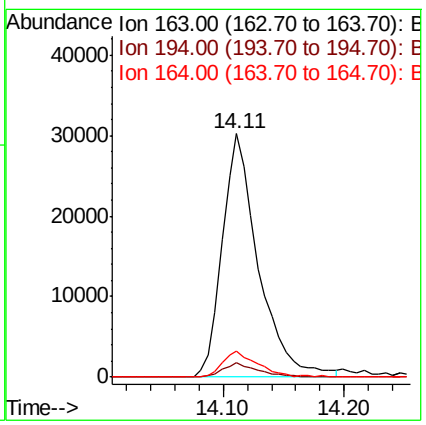


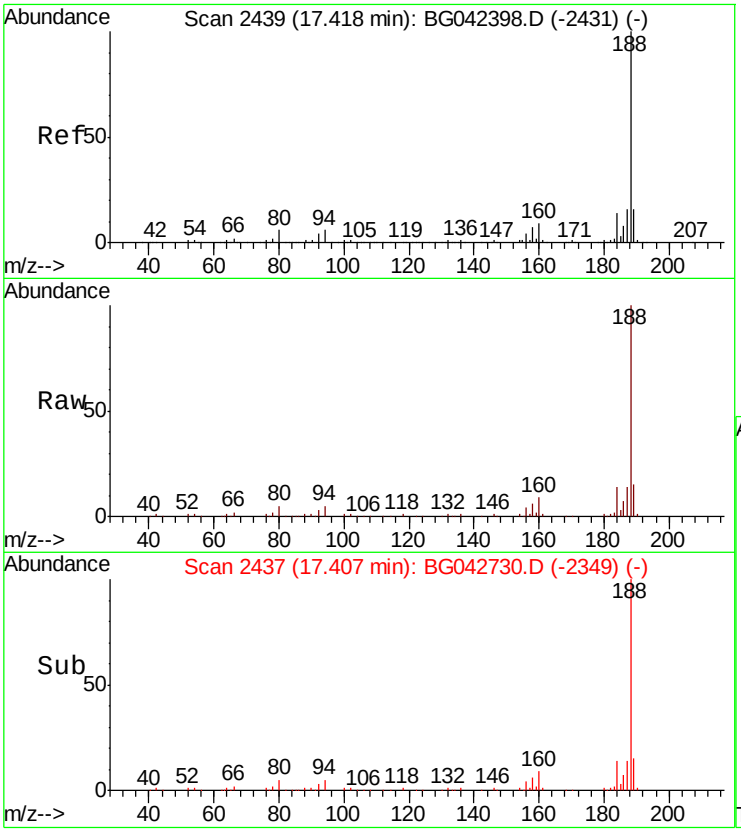


#50
Dimethylphthalate
Concen: 10.316 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion:163 Resp: 62541

Ion	Ratio	Lower	Upper
163	100		
194	5.8	4.2	6.2
164	10.5	8.8	13.2



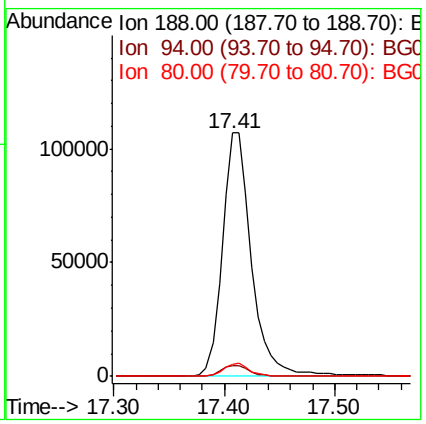


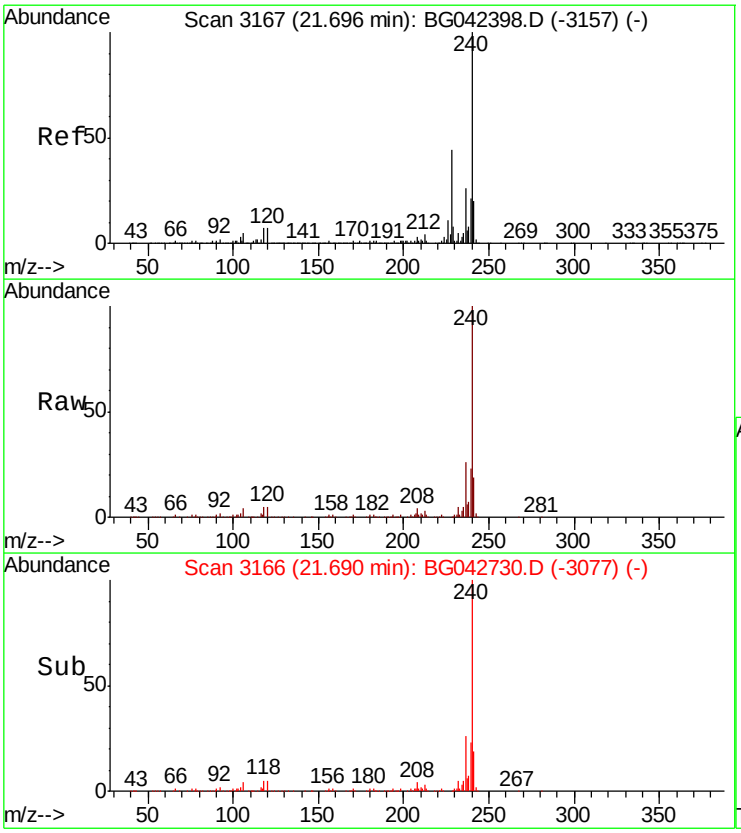
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Instrument :
BNA_G
ClientSampleId :
S300-J-2.0-2.5-081919

Tgt Ion:188 Resp: 195948

Ion	Ratio	Lower	Upper
188	100		
94	4.6	4.5	6.7
80	5.0	4.9	7.3

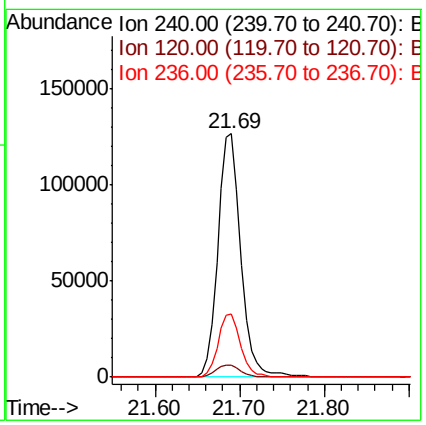


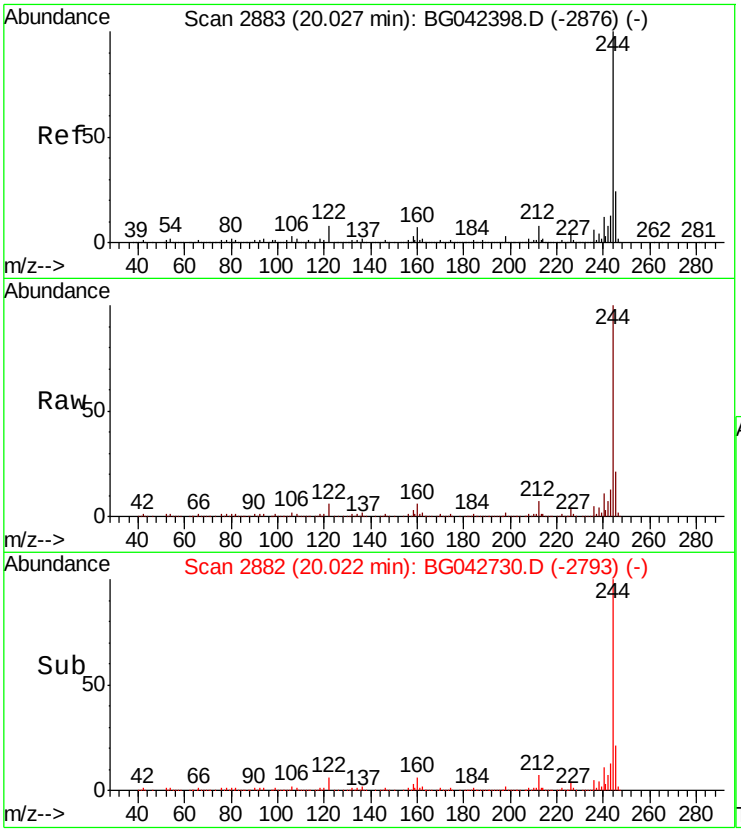


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion:240 Resp: 237845

Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.7	8.5#
236	25.7	21.0	31.4



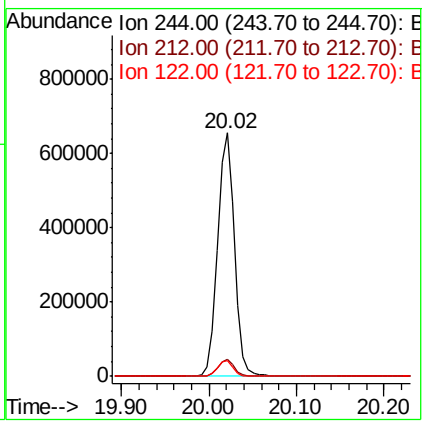


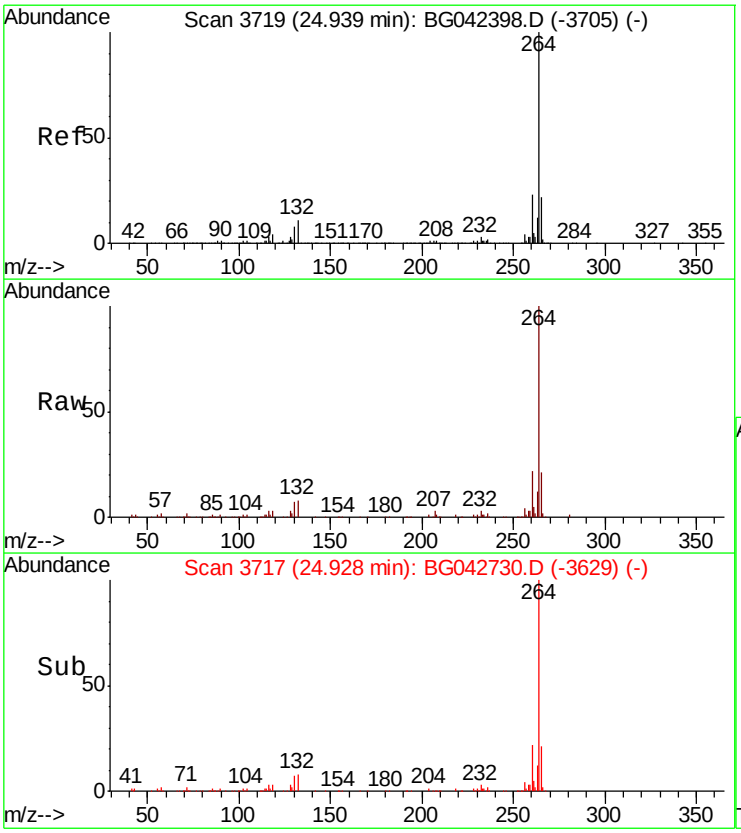
#79
Terphenyl-d14
Concen: 79.888 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042730.D
Acq: 5 Sep 2019 21:19

Instrument :
BNA_G
ClientSampleId :
S300-J-2.0-2.5-081919

Tgt Ion:244 Resp: 878895

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	6.3	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: BG042730.D
Acq: 5 Sep 2019 21:19

Tgt Ion:264 Resp: 278205

Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.5	27.7
265	21.3	17.6	26.4