Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081919\
Data File : BG042330.D
Acq On : 19 Aug 2019 17:18
Operator : HP/JU
Sample : K4277-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 20 05:49:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 13:40:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60931	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	231370	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	169673	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	382675	20.00	ng	0.00
76) Chrysene-d12	21.69	240	397576	20.00	ng	0.00
87) Perylene-d12	24.93	264	463824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	225306	74.92	ng	0.00
7) Phenol-d6	7.17	99	303020	74.19	ng	0.00
23) Nitrobenzene-d5	9.17	82	171056	52.00	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	168174	72.77	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	491470	49.01	ng	0.00
79) Terphenyl-d14	20.03	244	809539	44.60	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.12	163	117412	9.738	ng	99
75) Fluoranthene	19.47	202	52049	2.265	ng	97

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

Quantitation Report (QT Reviewed)

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Data File : BG042330.D
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QLast Update : Mon Aug 19 13:40:37 2019
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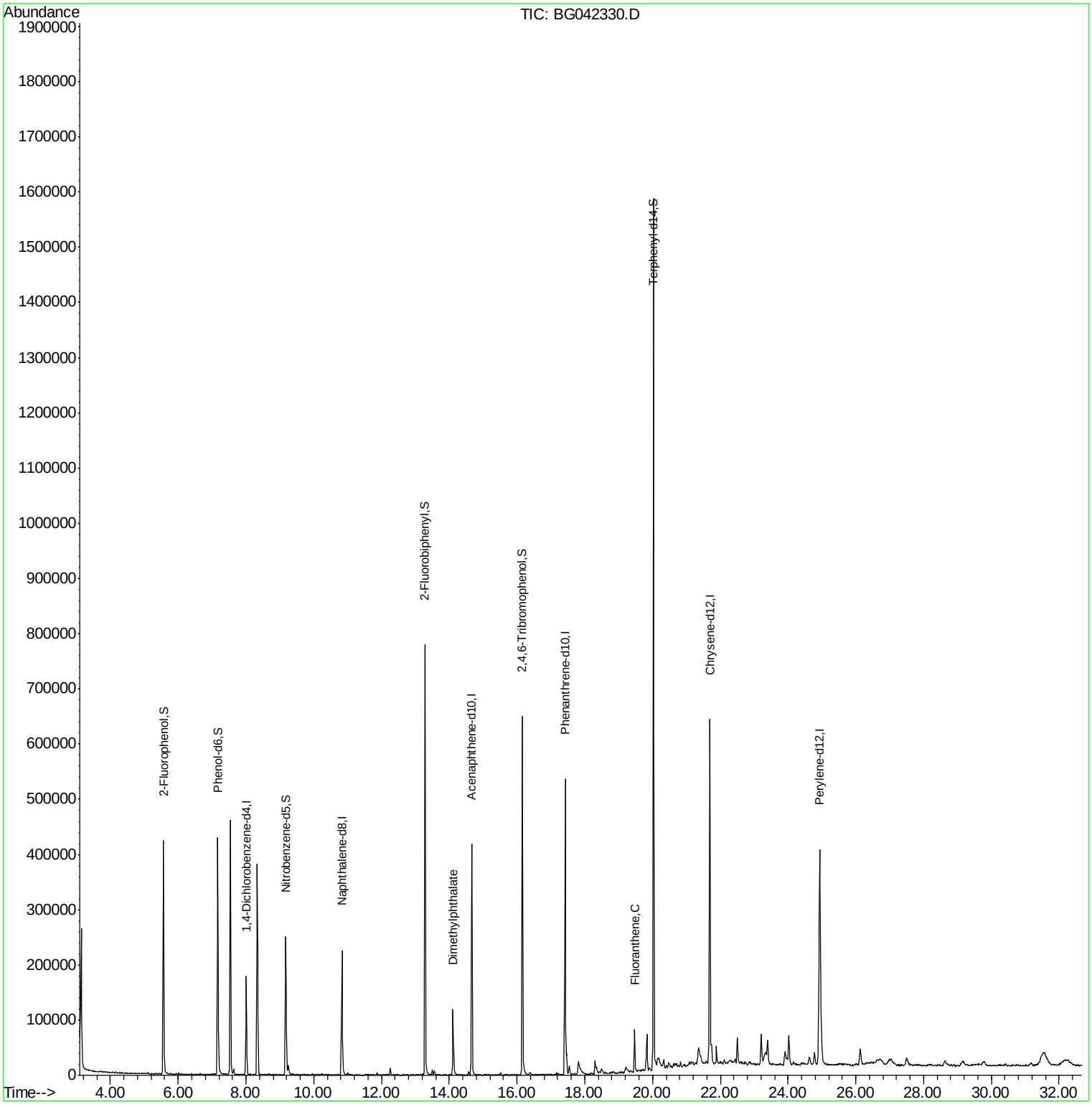
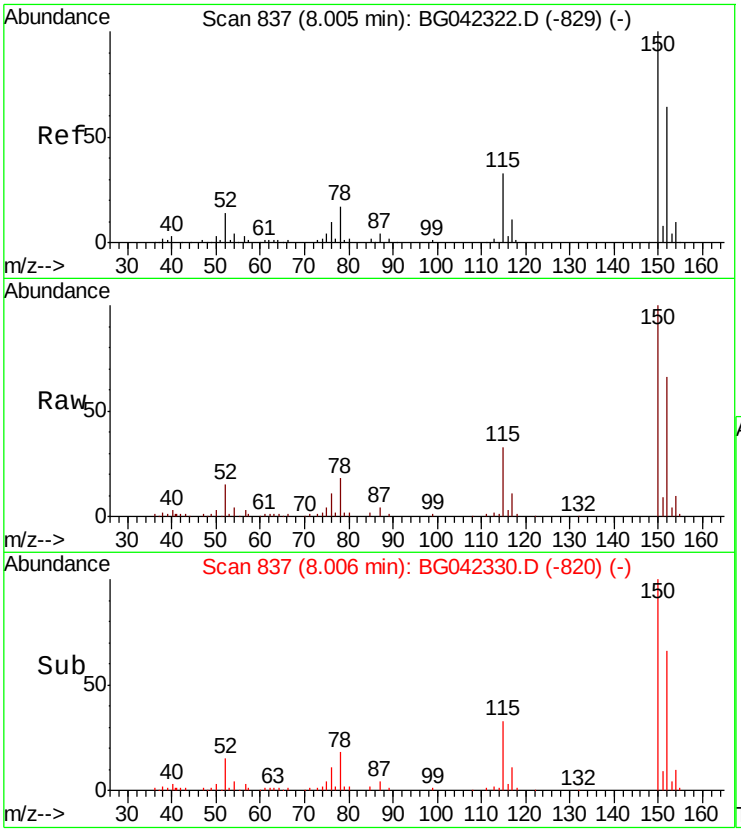


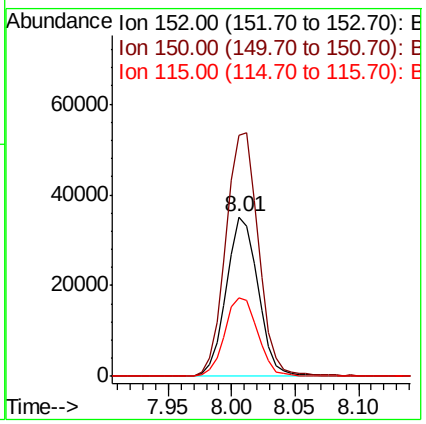


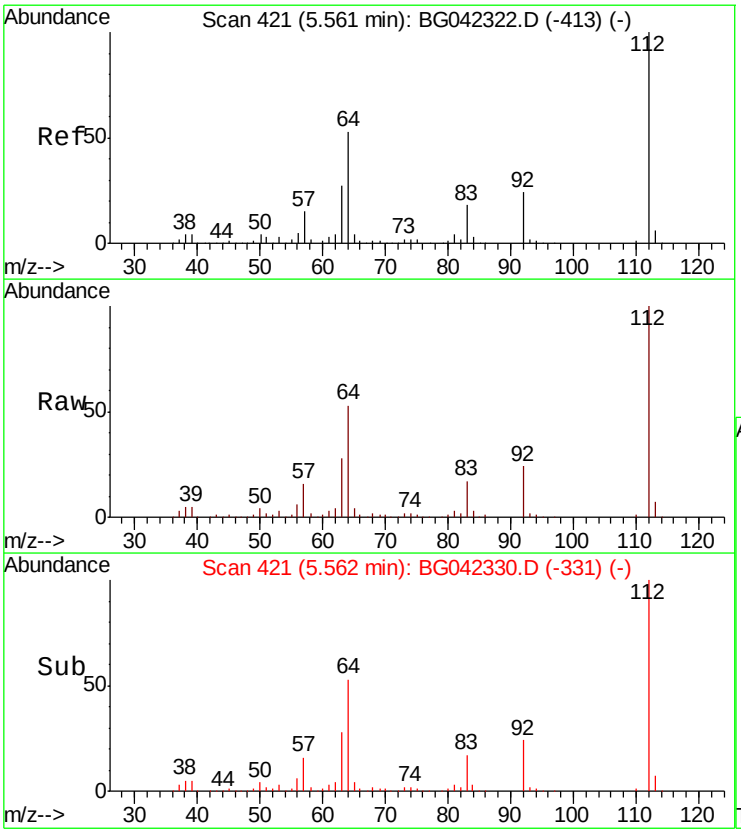
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 60931

Ion	Ratio	Lower	Upper
152	100		
150	151.4	124.3	186.5
115	49.6	40.5	60.7

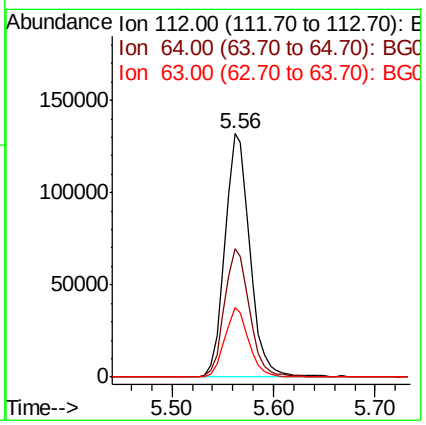


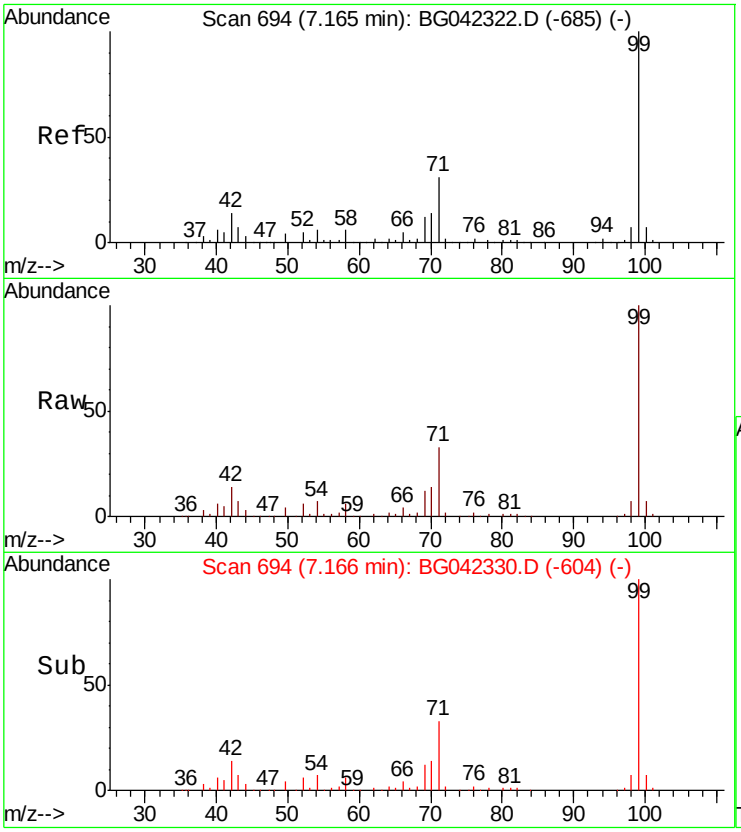


#5
2-Fluorophenol
Concen: 74.919 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Tgt Ion:112 Resp: 225306

Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.5	63.7
63	28.5	21.7	32.5



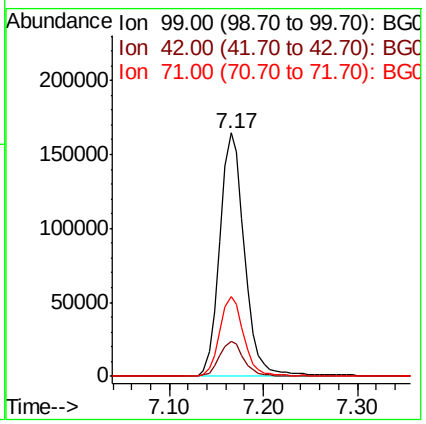


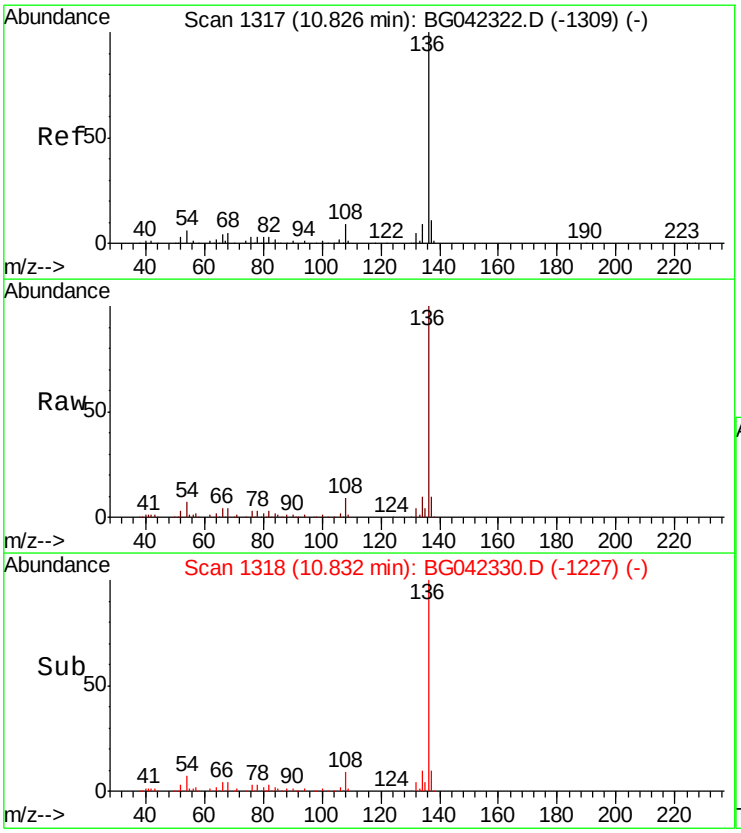
#7
Phenol-d6
Concen: 74.192 ng
RT: 7.17 min Scan# 694
Delta R.T. 0.00 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 303020

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.4	17.0
71	32.8	25.1	37.7

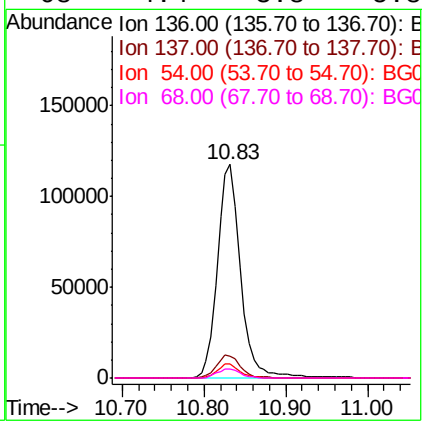


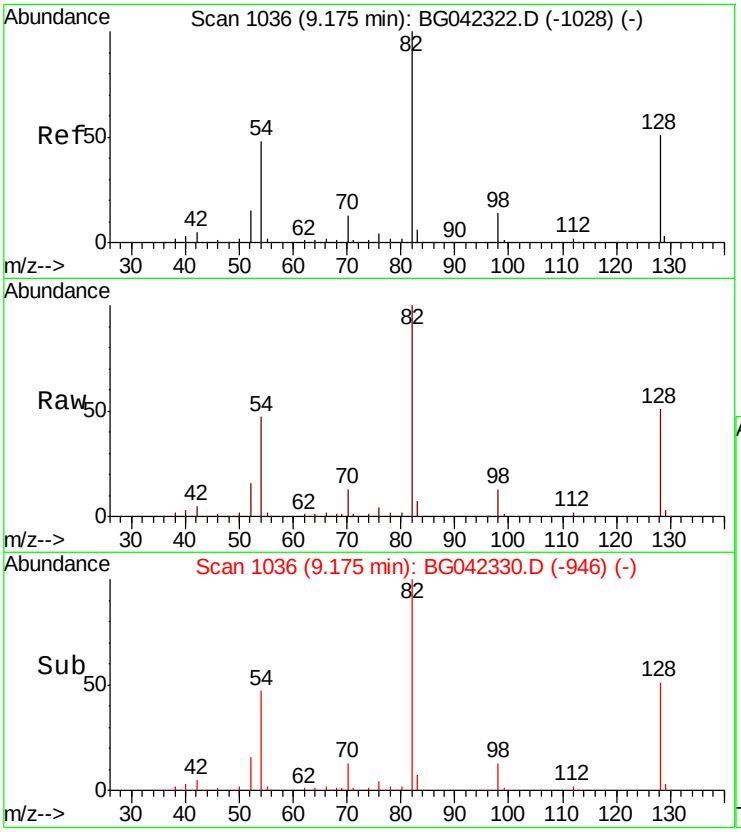


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Tgt Ion:136 Resp: 231370

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.4	12.6
54	6.6	5.0	7.4
68	4.4	3.8	5.8



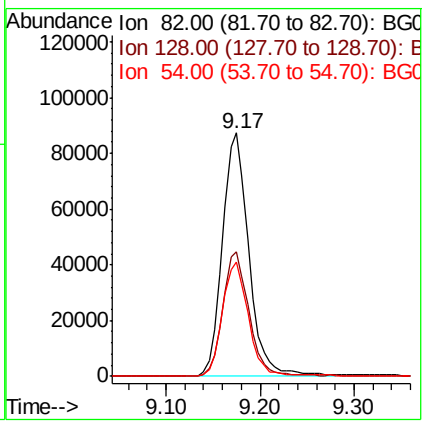


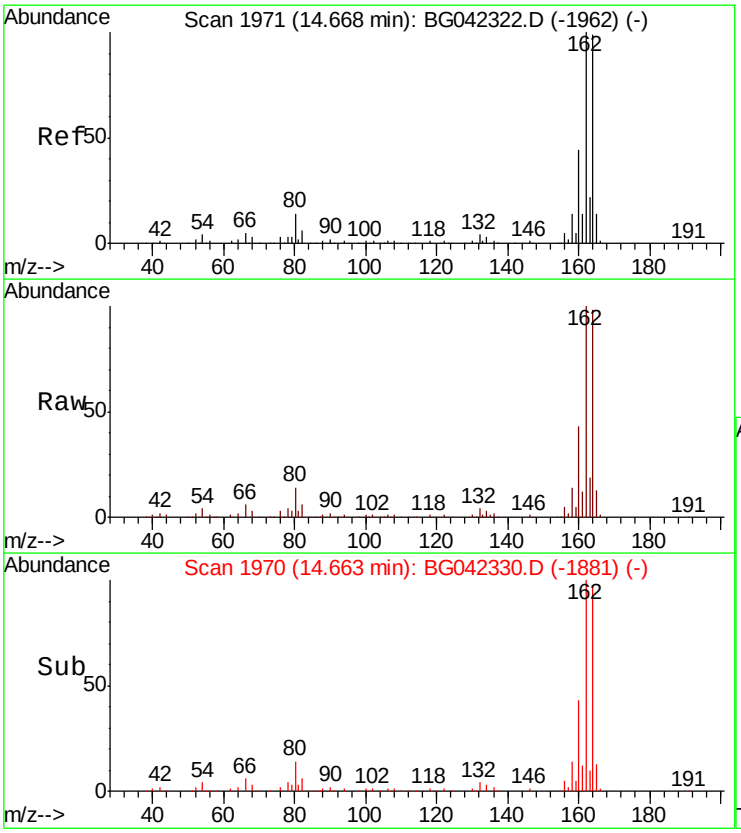
#23
Nitrobenzene-d5
Concen: 51.998 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 171056

Ion	Ratio	Lower	Upper
82	100		
128	51.3	41.0	61.4
54	47.1	38.0	57.0

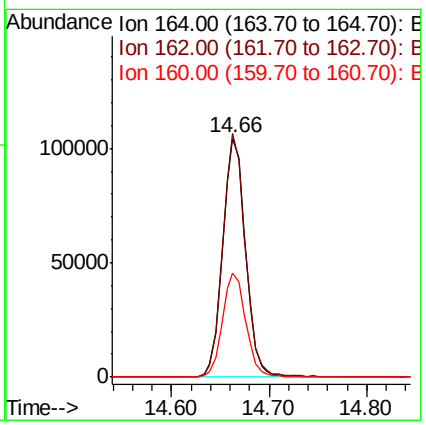


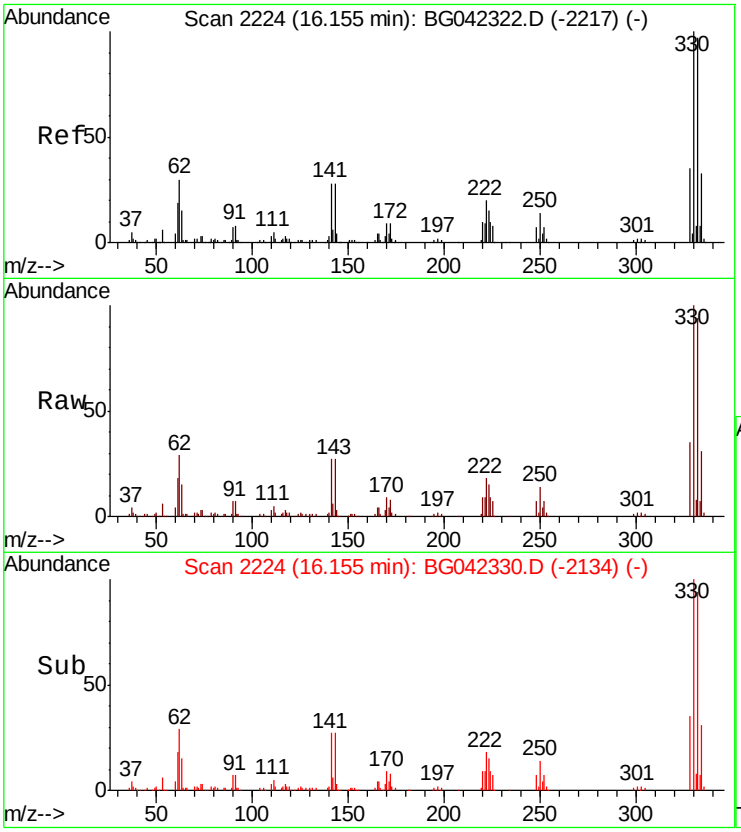


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Tgt Ion:164 Resp: 169673

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	43.5	35.7	53.5



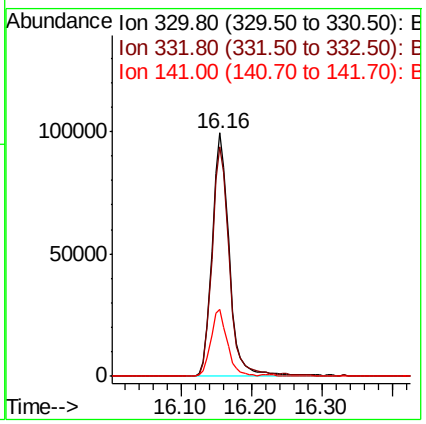


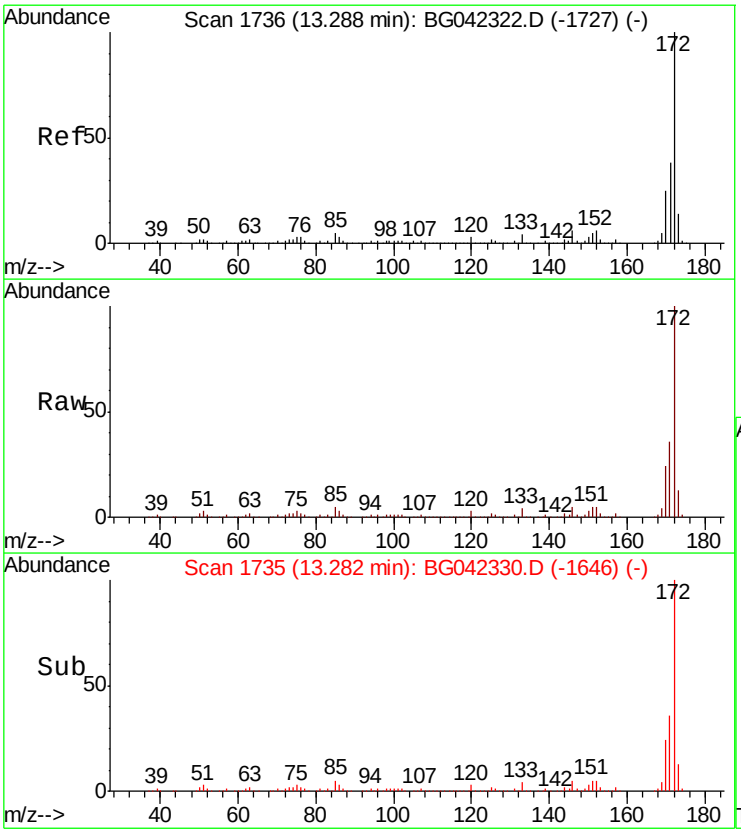
#42
2,4,6-Tribromophenol
Concen: 72.774 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 168174

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	27.2	21.8	32.6

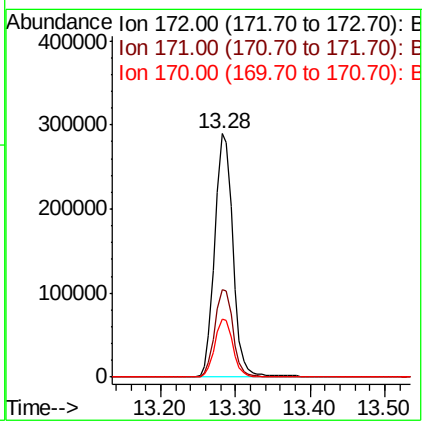


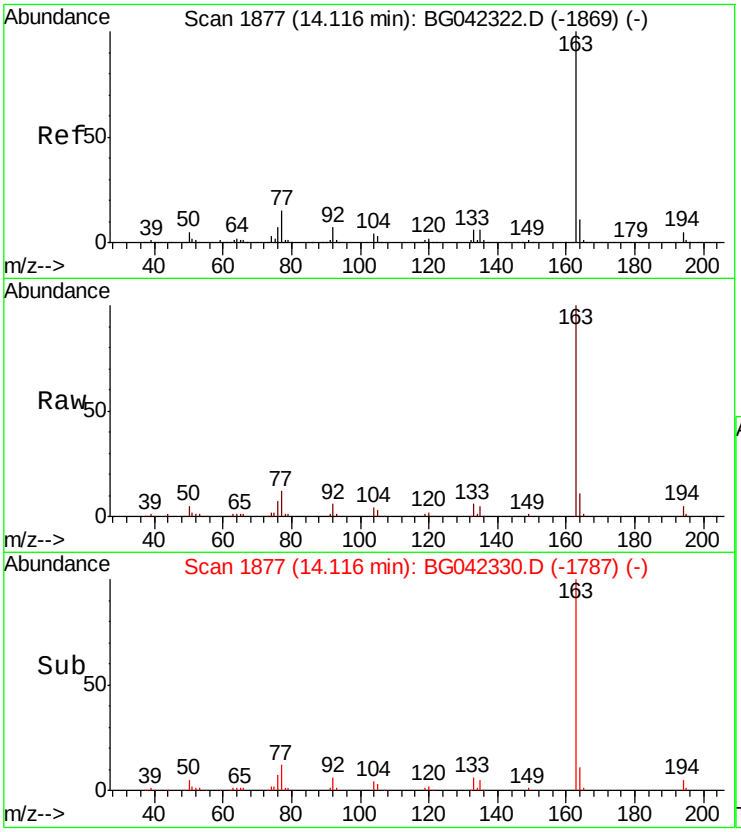


#45
2-Fluorobiphenyl
Concen: 49.015 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Tgt Ion:172 Resp: 491470

Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.3	45.5
170	23.6	20.0	30.0



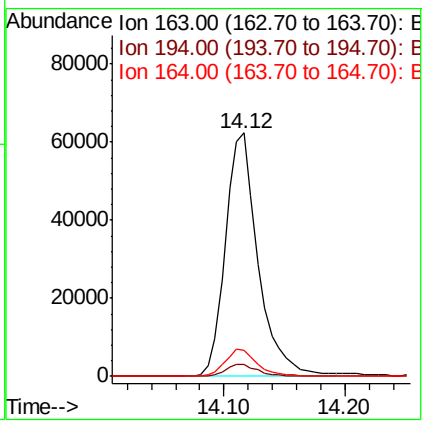


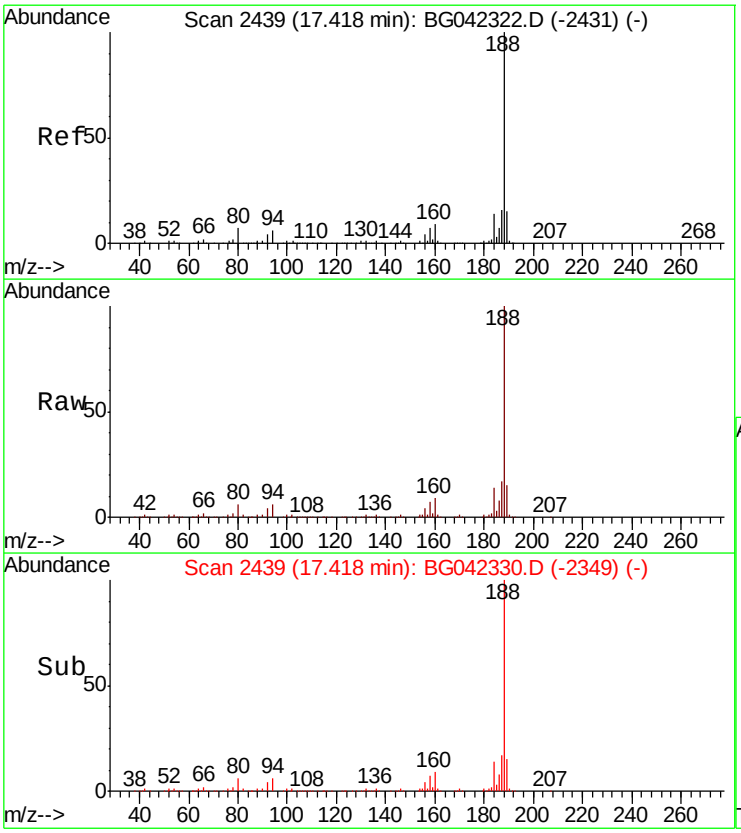
#50
Dimethylphthalate
Concen: 9.738 ng
RT: 14.12 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 117412

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	10.8	8.8	13.2

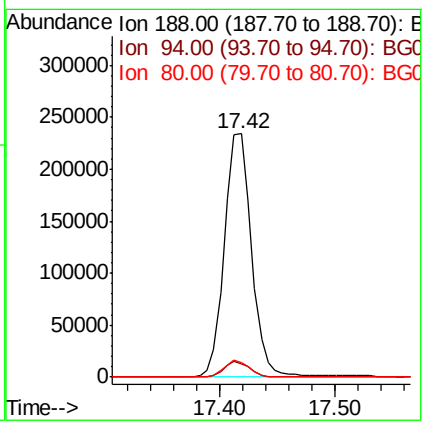


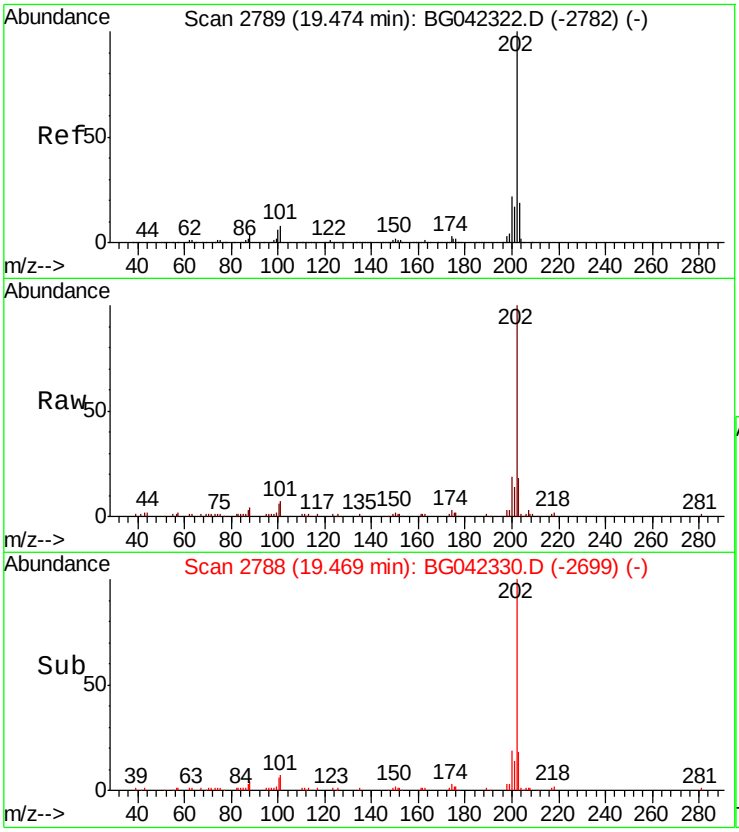


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Tgt Ion:188 Resp: 382675

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.9	7.3
80	6.1	5.4	8.0



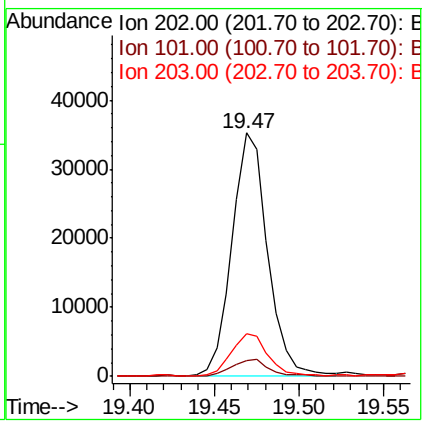


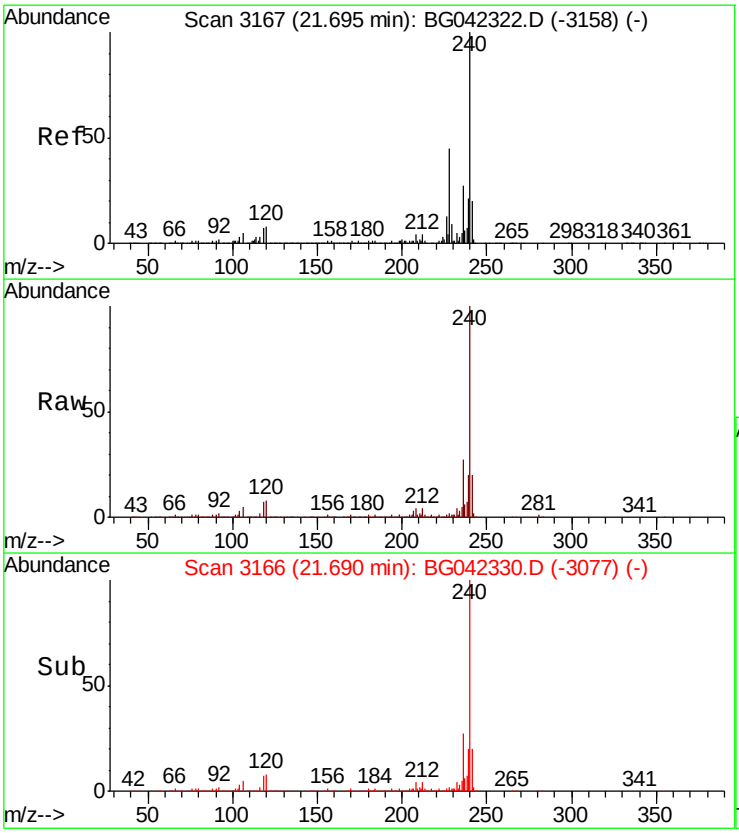
#75
Fluoranthene
Concen: 2.265 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 52049

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.0
203	17.7	0.0	39.1

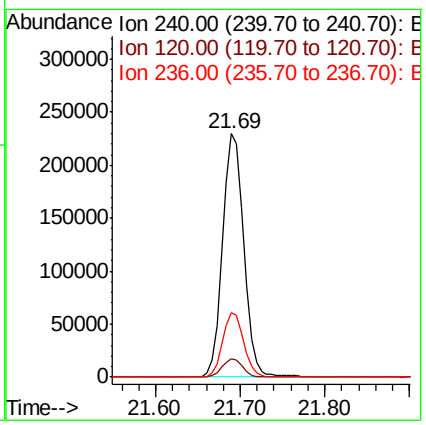


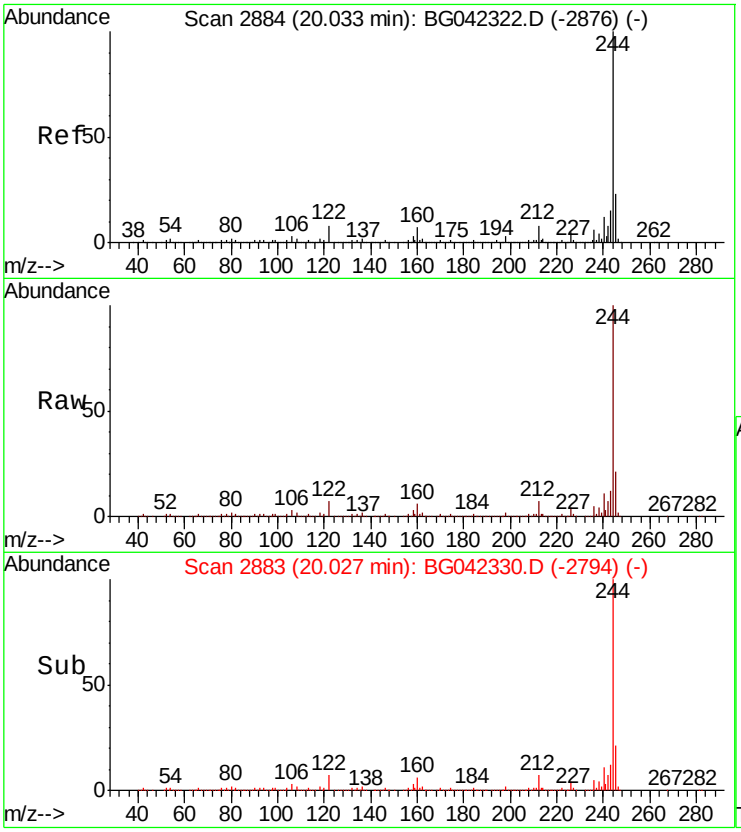


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Tgt Ion:240 Resp: 397576

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.0	9.0
236	26.5	21.6	32.4



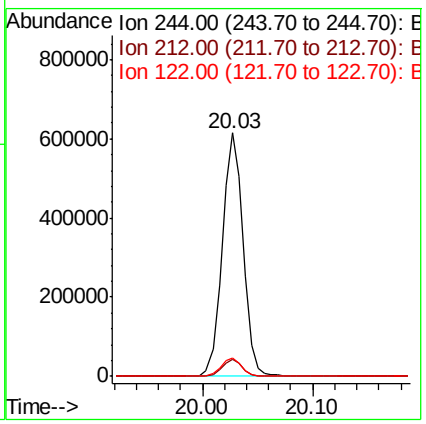


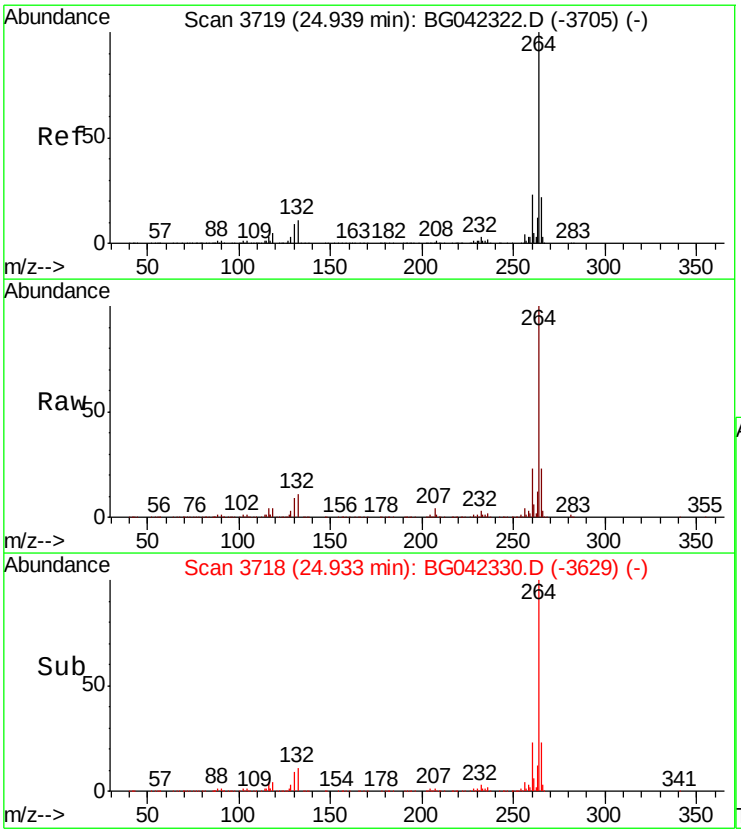
#79
Terphenyl-d14
Concen: 44.598 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 809539

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	7.5	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042330.D
Acq: 19 Aug 2019 17:18

Tgt Ion:264 Resp: 463824

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	22.9	17.4	26.0