Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044947.D
Acq On : 25 Mar 2020 3:19
Operator : CG/JU
Sample : L1994-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-3A

Quant Time: Mar 25 09:22:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	75950	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	295804	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	197243	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	447974	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	467612	20.00	ng	-0.02
87) Perylene-d12	24.89	264	497631	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	637709	130.71	ng	0.00
7) Phenol-d6	7.20	99	773665	109.14	ng	0.00
23) Nitrobenzene-d5	9.20	82	678913	100.71	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	440444	170.54	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1309206	95.05	ng	0.00
79) Terphenyl-d14	20.03	244	2351217	94.05	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.90	128	112694	6.877	ng	97
73) Carbazole	17.82	167	90070	3.972	ng	95

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

Quantitation Report (QT Reviewed)

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Data File : BG044947.D
Acq On : 25 Mar 2020 3:19
Operator : CG/JU
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Misc :
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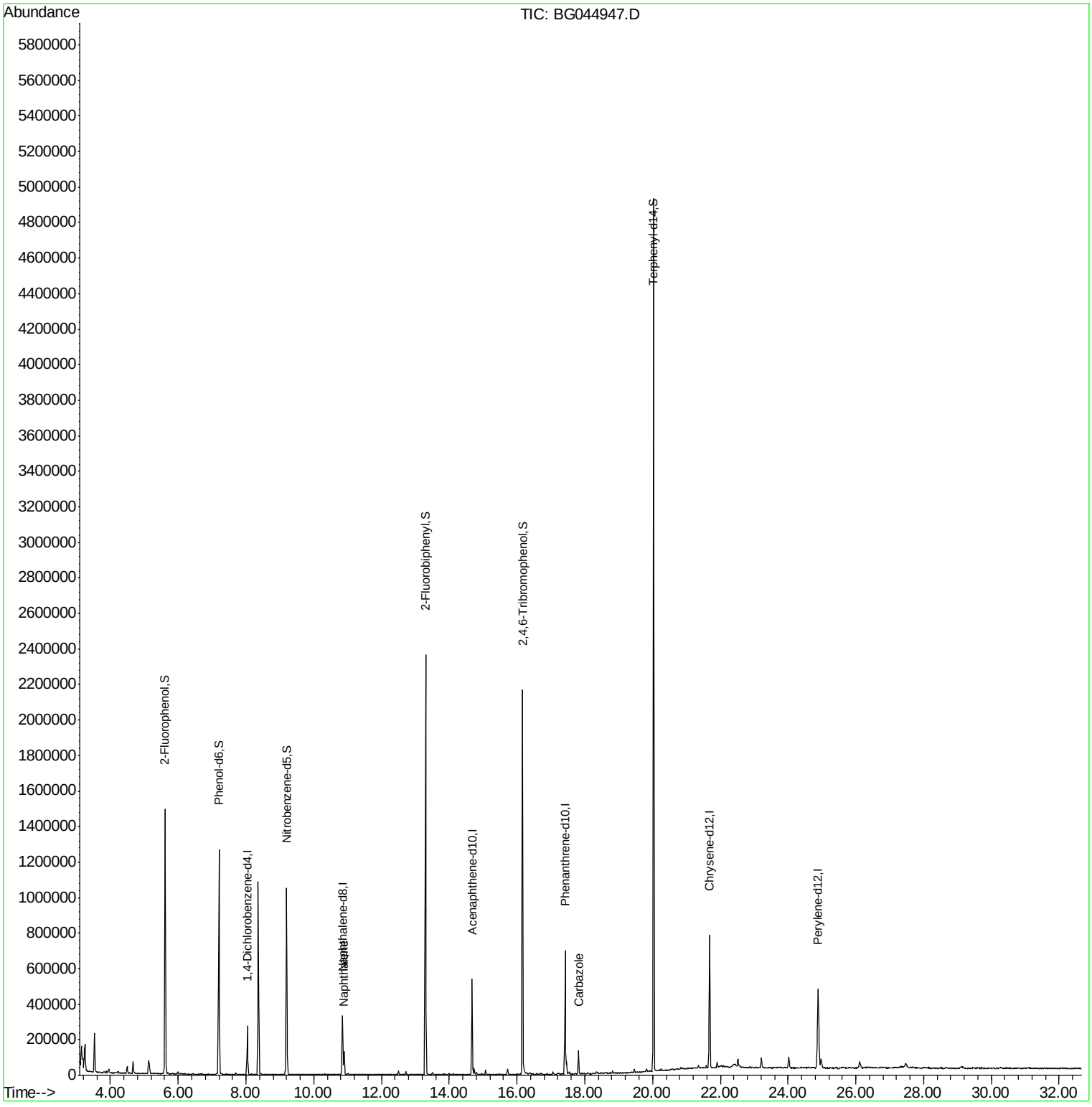
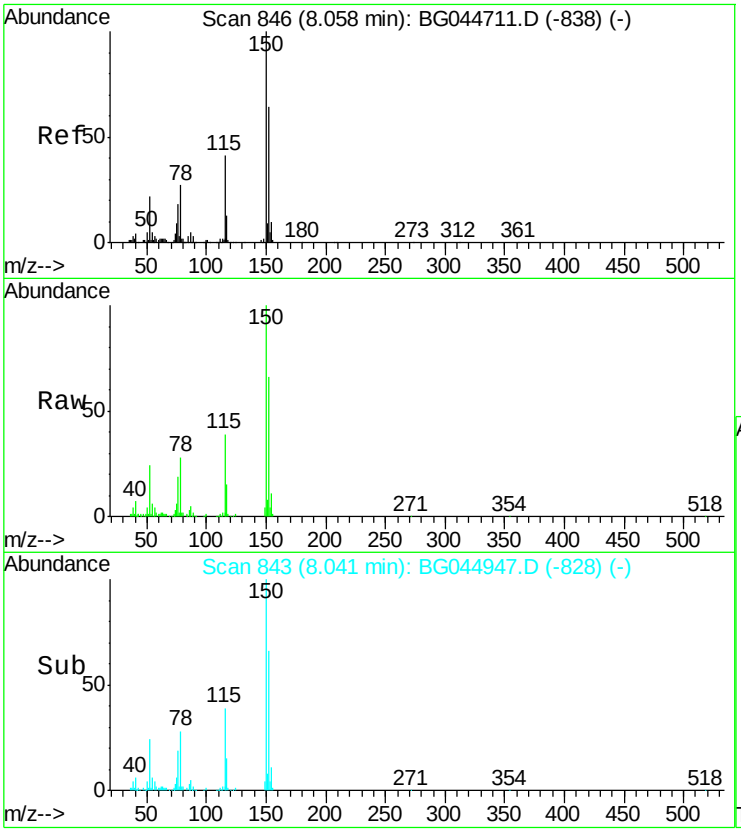
Instrument :
BNA_G
ClientSampleId :
TP-3A

Quant Time: Mar 25 09:22:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration



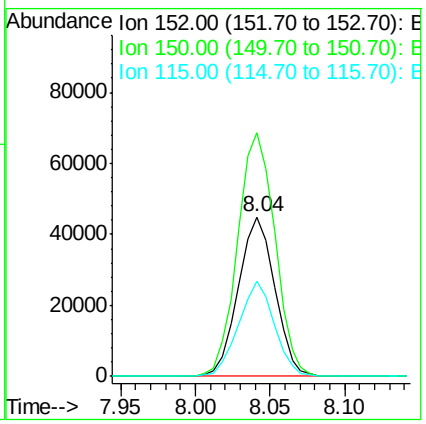


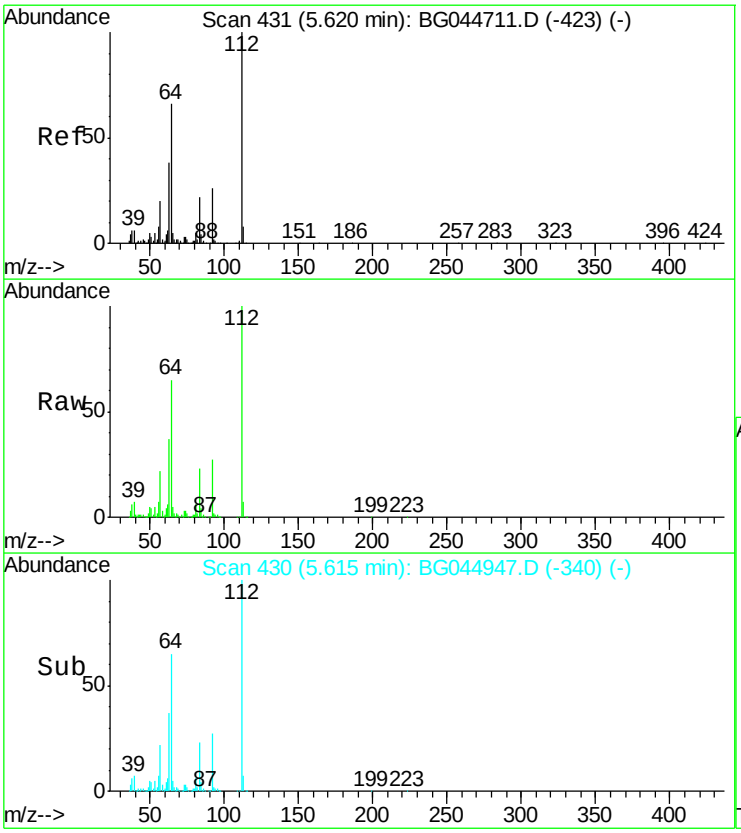
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Instrument :
BNA_G
ClientSampleId :
TP-3A

Tgt Ion:152 Resp: 75950

Ion	Ratio	Lower	Upper
152	100		
150	152.5	128.8	193.2
115	59.8	52.6	79.0

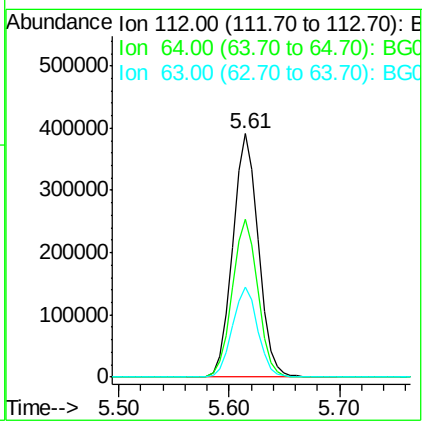


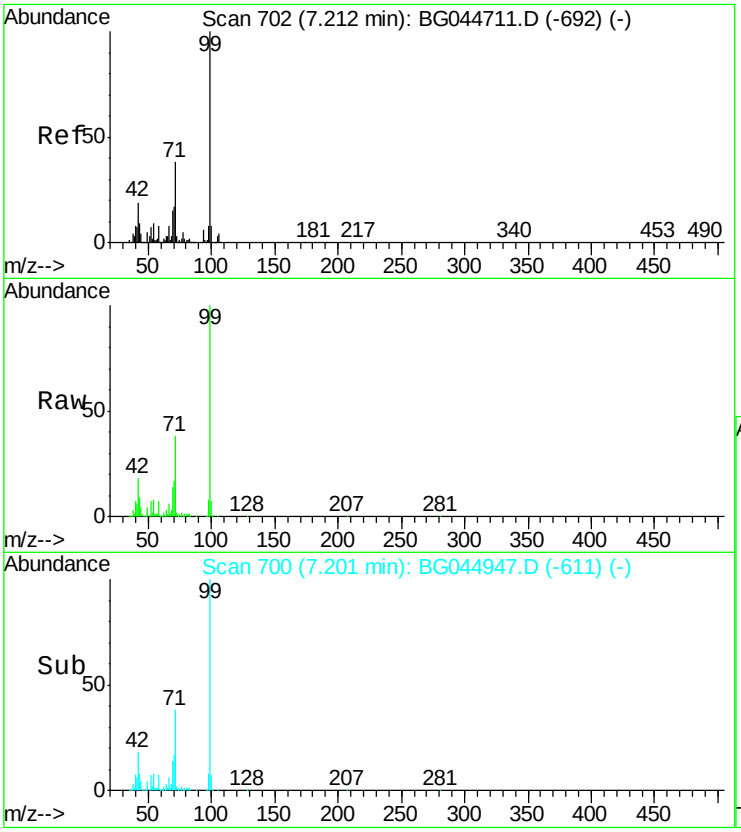


#5
2-Fluorophenol
Concen: 130.707 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Tgt Ion:112 Resp: 637709

Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.4	80.2
63	37.0	29.4	44.2



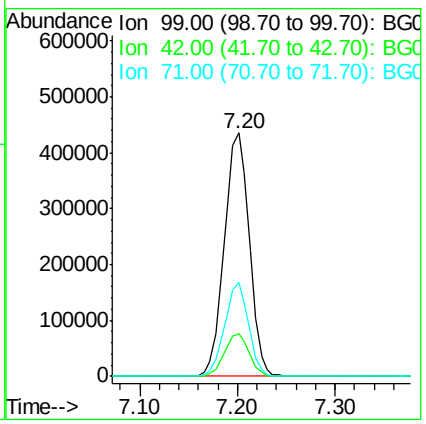


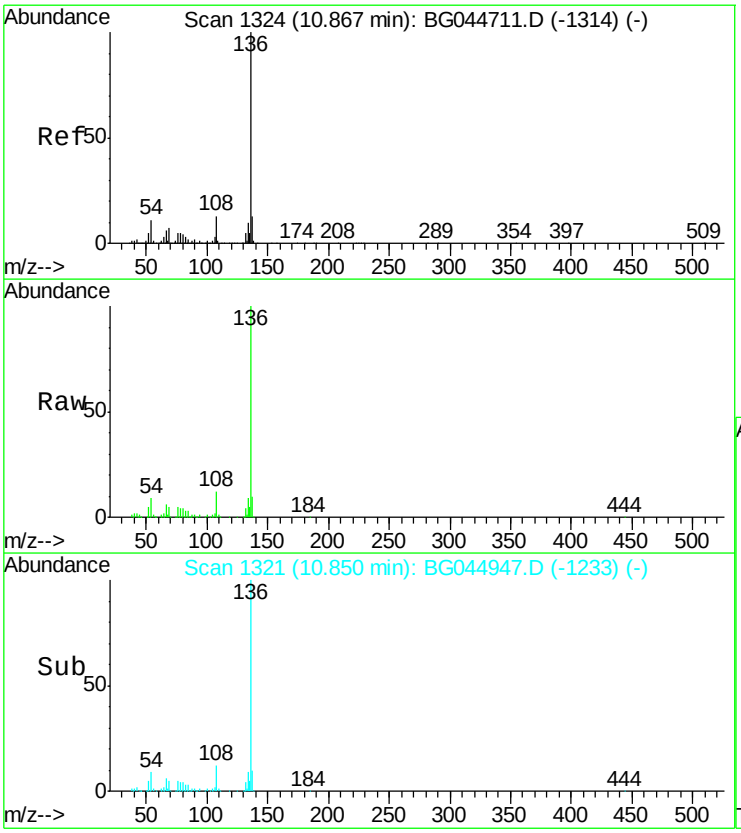
#7
Phenol-d6
Concen: 109.140 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Instrument :
BNA_G
ClientSampleId :
TP-3A

Tgt Ion: 99 Resp: 773665

Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.6	19.0
71	38.4	29.0	43.4

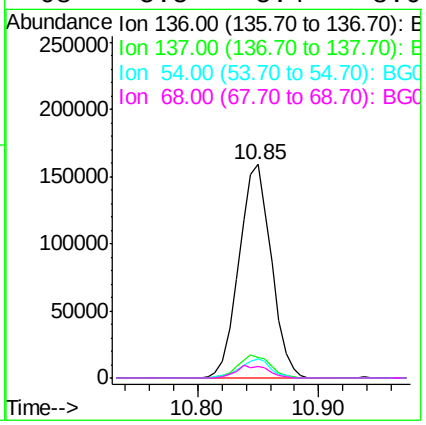


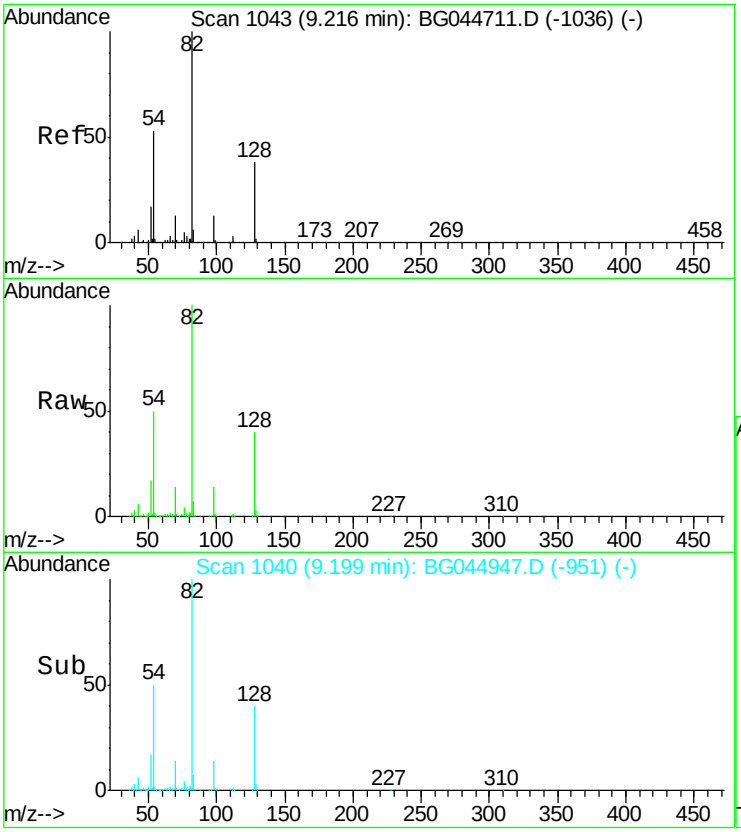


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Tgt Ion:136 Resp: 295804

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.8	14.6#
54	9.0	7.9	11.9
68	5.5	5.4	8.0



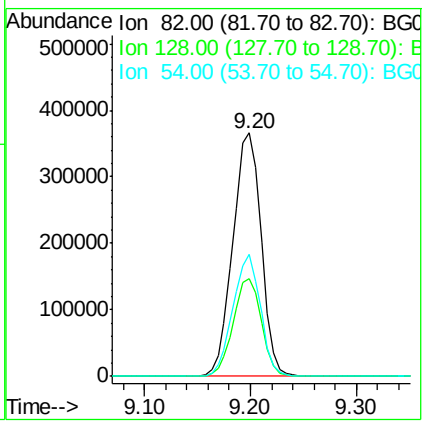


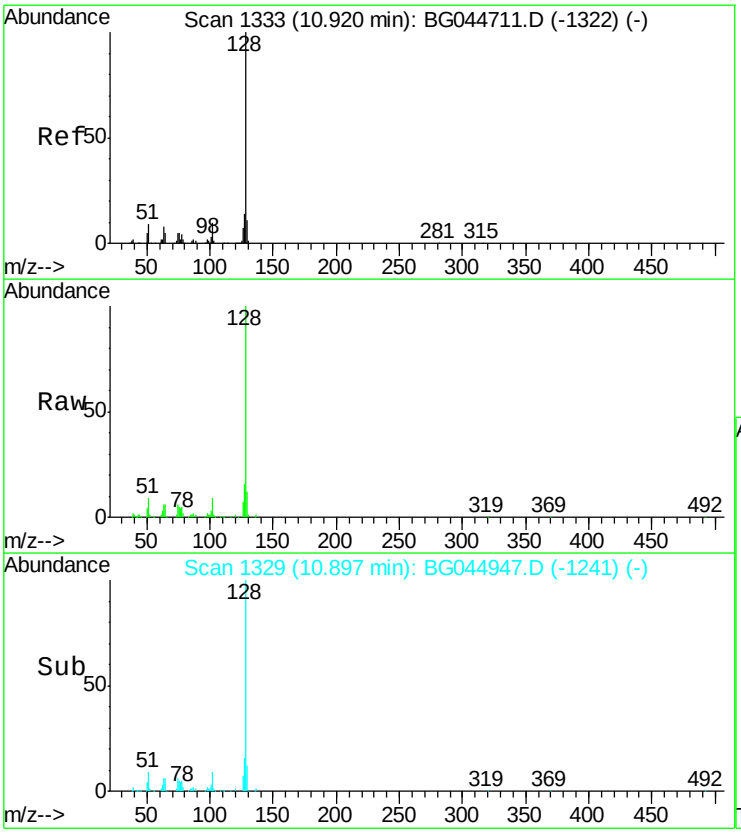
#23
Nitrobenzene-d5
Concen: 100.714 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Instrument :
BNA_G
ClientSampleId :
TP-3A

Tgt Ion: 82 Resp: 678913

Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.6	46.0
54	49.9	37.1	55.7

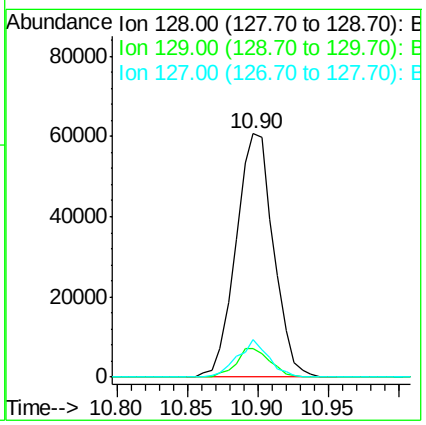


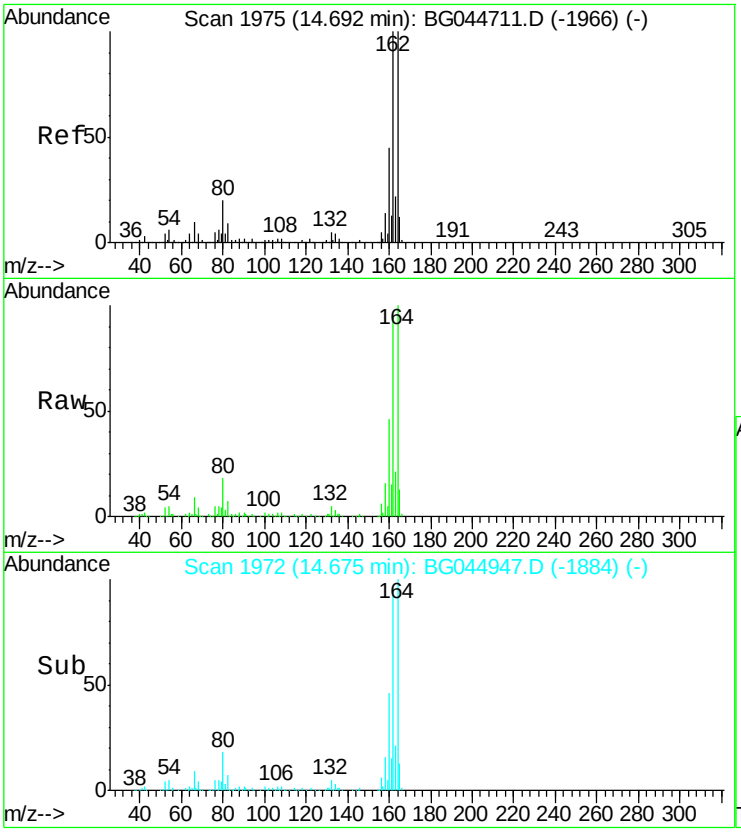


#31
Naphthalene
Concen: 6.877 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Tgt Ion:128 Resp: 112694

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	15.5	10.8	16.2



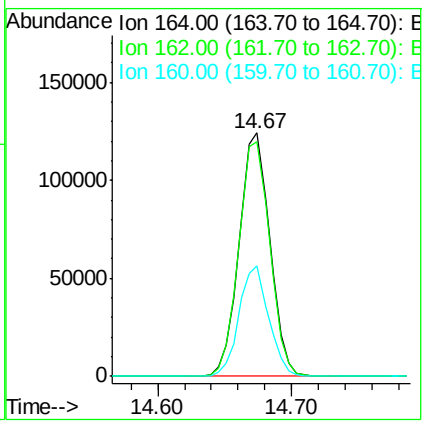


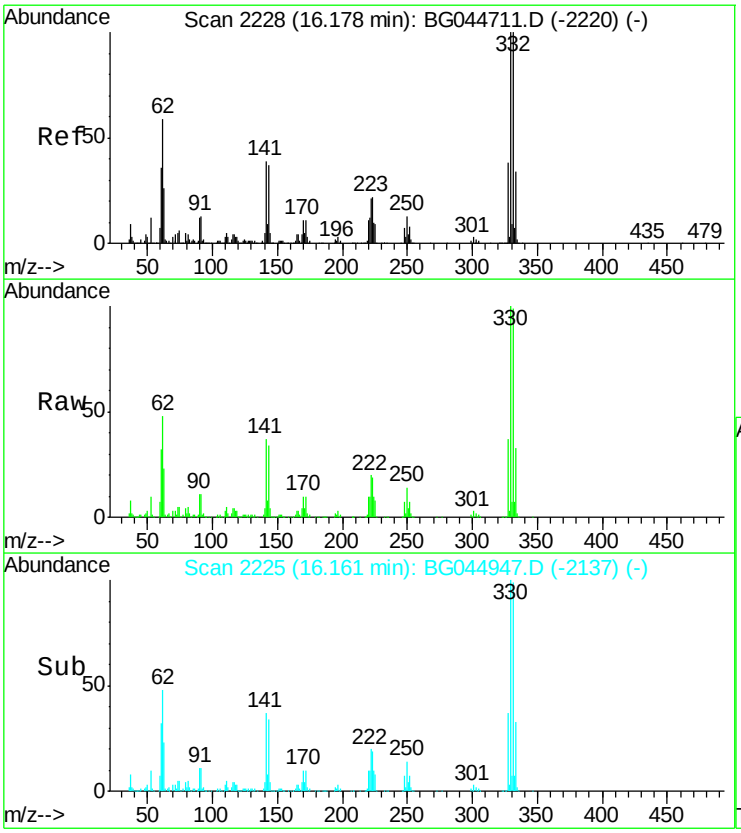
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Instrument :
BNA_G
ClientSampleId :
TP-3A

Tgt Ion:164 Resp: 197243

Ion	Ratio	Lower	Upper
164	100		
162	96.4	76.7	115.1
160	45.6	35.0	52.4

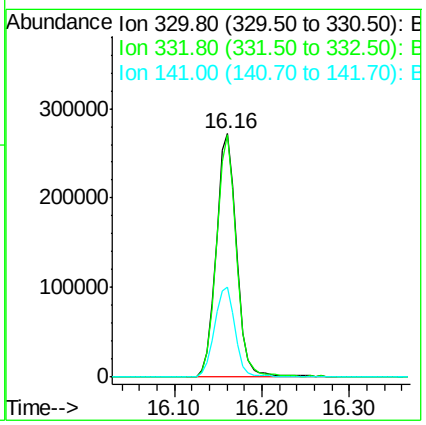


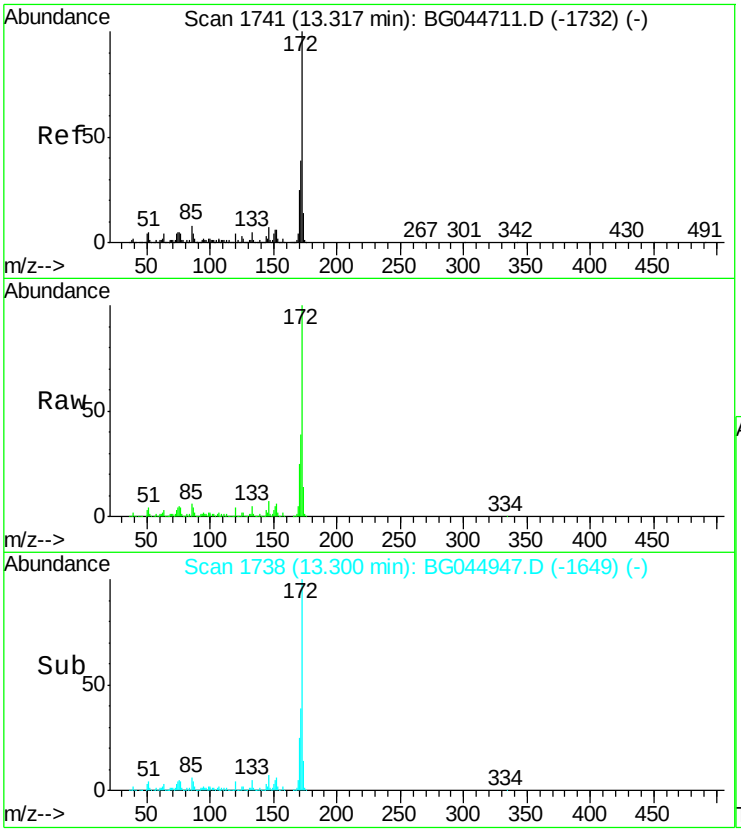


#42
2,4,6-Tribromophenol
Concen: 170.543 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Tgt Ion:330 Resp: 440444

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.8	116.6
141	37.6	29.5	44.3



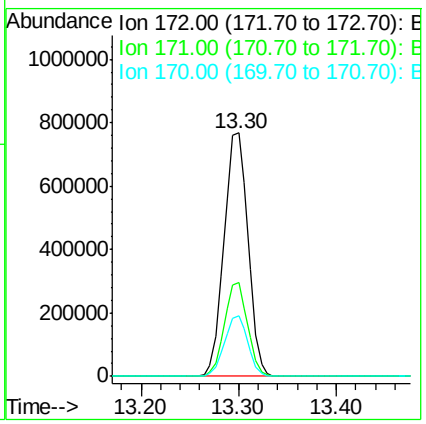


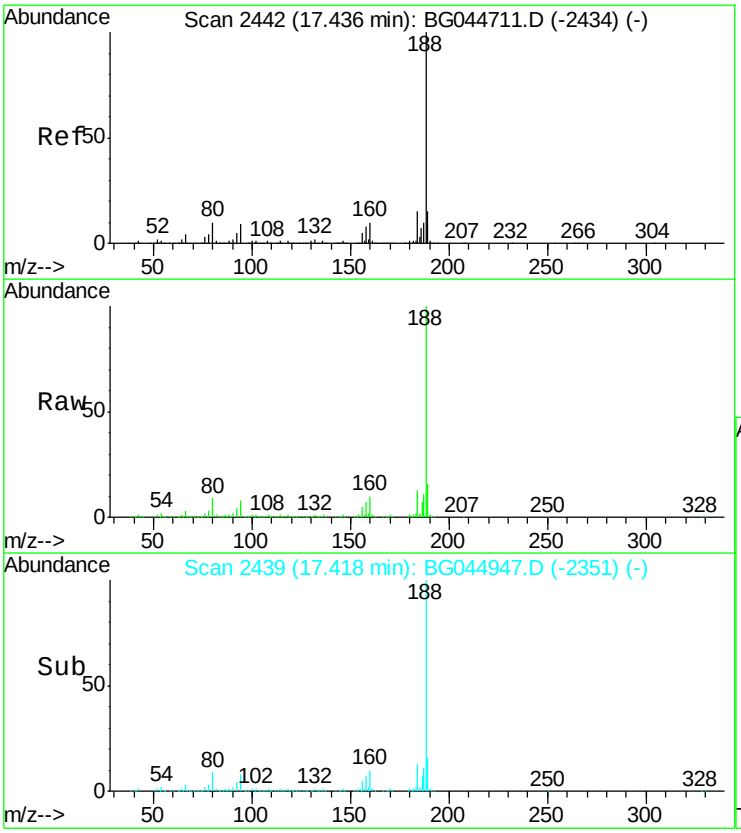
#45
2-Fluorobiphenyl
Concen: 95.052 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Instrument :
BNA_G
ClientSampleId :
TP-3A

Tgt Ion:172 Resp: 1309206

Ion	Ratio	Lower	Upper
172	100		
171	38.7	28.7	43.1
170	25.1	19.0	28.6

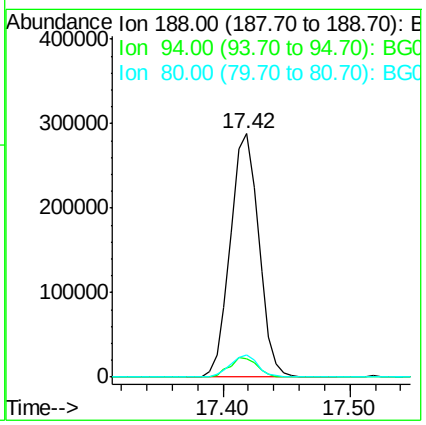


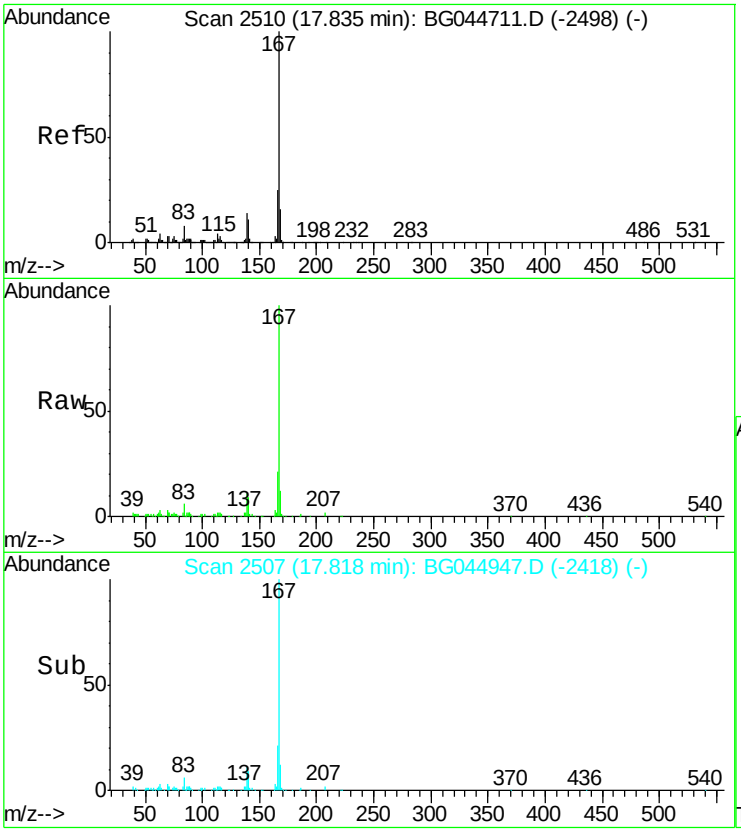


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Tgt Ion:188 Resp: 447974

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.3	10.9
80	8.9	8.0	12.0



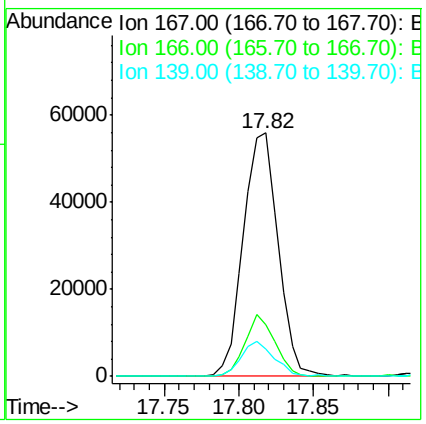


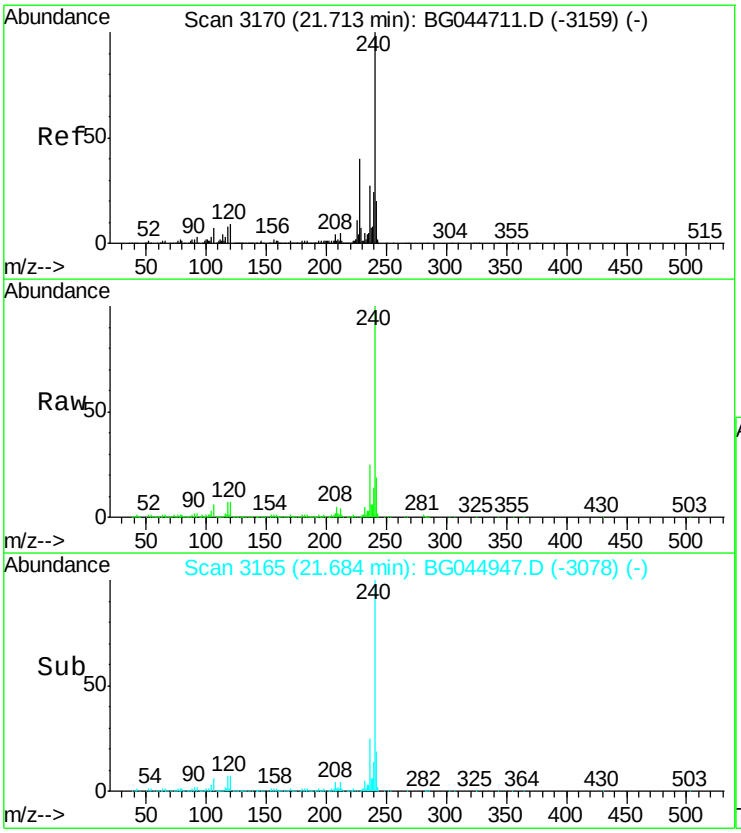
#73
Carbazole
Concen: 3.972 ng
RT: 17.82 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Instrument :
BNA_G
ClientSampleId :
TP-3A

Tgt Ion:167 Resp: 90070

Ion	Ratio	Lower	Upper
167	100		
166	20.9	18.8	28.2
139	11.4	10.8	16.2

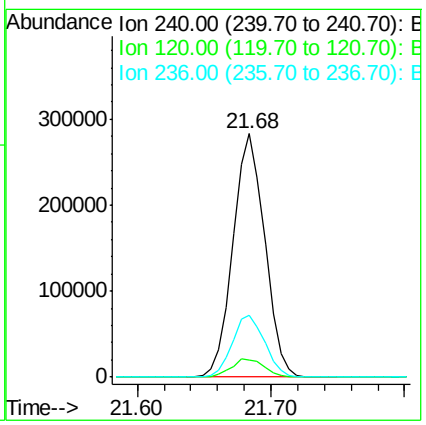


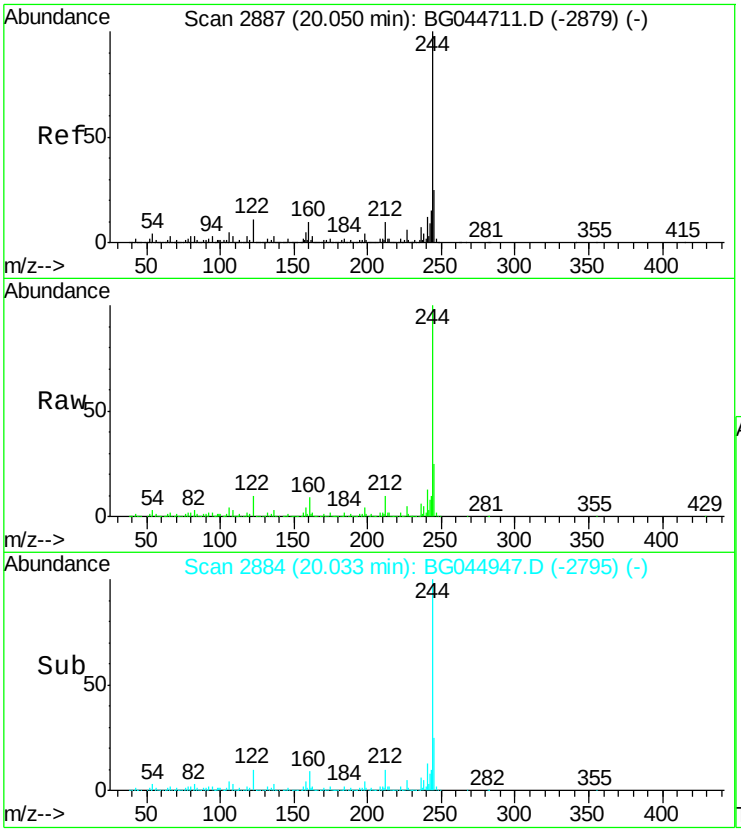


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Tgt Ion:240 Resp: 467612

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.7	10.1
236	25.3	21.5	32.3



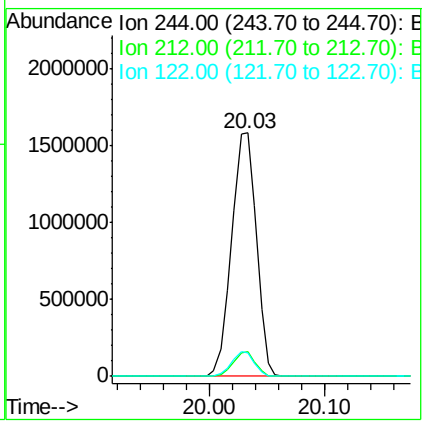


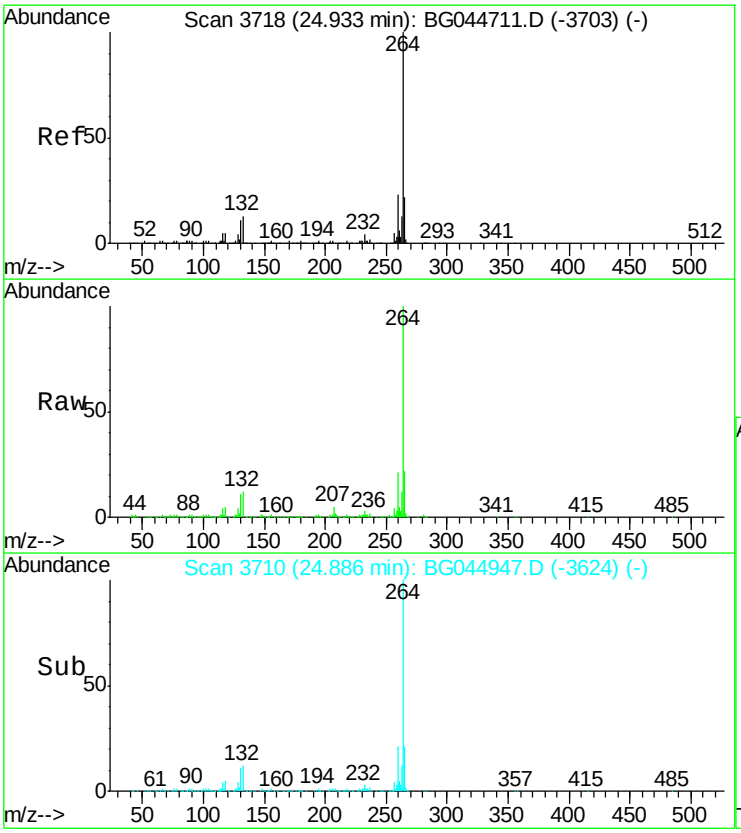
#79
Terphenyl-d14
Concen: 94.054 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Instrument :
BNA_G
ClientSampleId :
TP-3A

Tgt Ion:244 Resp: 2351217

Ion	Ratio	Lower	Upper
244	100		
212	10.1	7.7	11.5
122	9.7	8.6	12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044947.D
Acq: 25 Mar 2020 3:19

Tgt Ion:264 Resp: 497631

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.1	27.1
265	21.7	17.1	25.7