Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045627.D
Acq On : 5 Jun 2020 22:14
Operator : CG/JU
Sample : L2903-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Time: Jun 06 02:28:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61698	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	217850	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	142801	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	306273	20.00	ng		0.00
76) Chrysene-d12	21.60	240	324518	20.00	ng		0.00
87) Perylene-d12	24.75	264	364960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	196106	62.12	ng		0.00
7) Phenol-d6	7.14	99	159895	35.58	ng		0.00
23) Nitrobenzene-d5	9.11	82	404838	101.34	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	265214	145.22	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	815305	96.84	ng		0.00
79) Terphenyl-d14	19.97	244	1406011	101.05	ng		0.00
Target Compounds							Qvalue
38) 1-Methylnaphthalene	12.64	142	473922	66.31	ng	#	96
50) Dimethylphthalate	14.05	163	138473	14.14	ng		97
52) Acenaphthene	14.66	154	35464	4.63	ng		96
55) Dibenzofuran	15.00	168	32944	2.90	ng	#	73
58) Fluorene	15.64	166	55322	5.92	ng		96
71) Phenanthrene	17.39	178	39834	2.98	ng	#	87

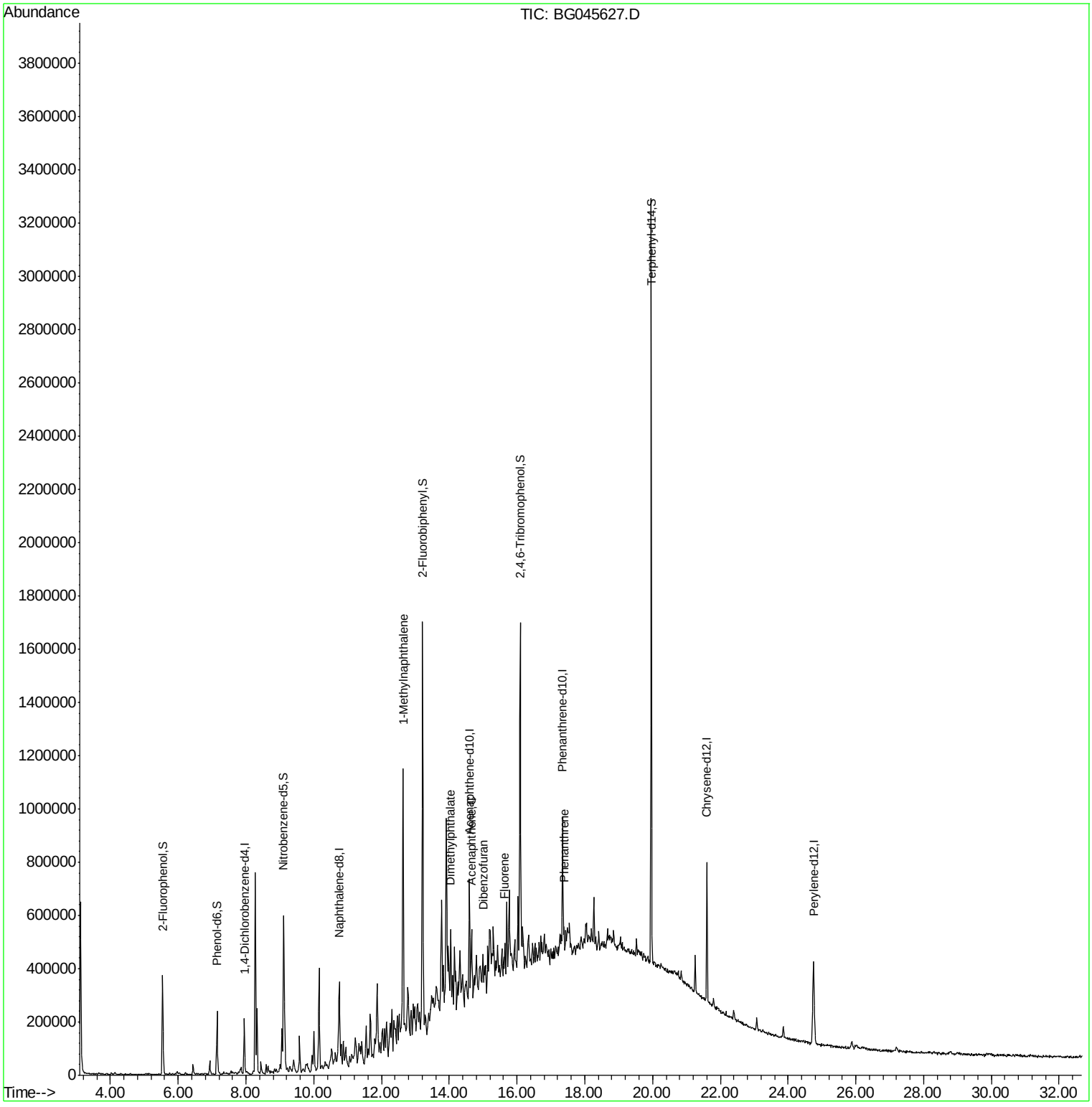
(#) = qualifier out of range (m) = manual integration (+) = signals summed

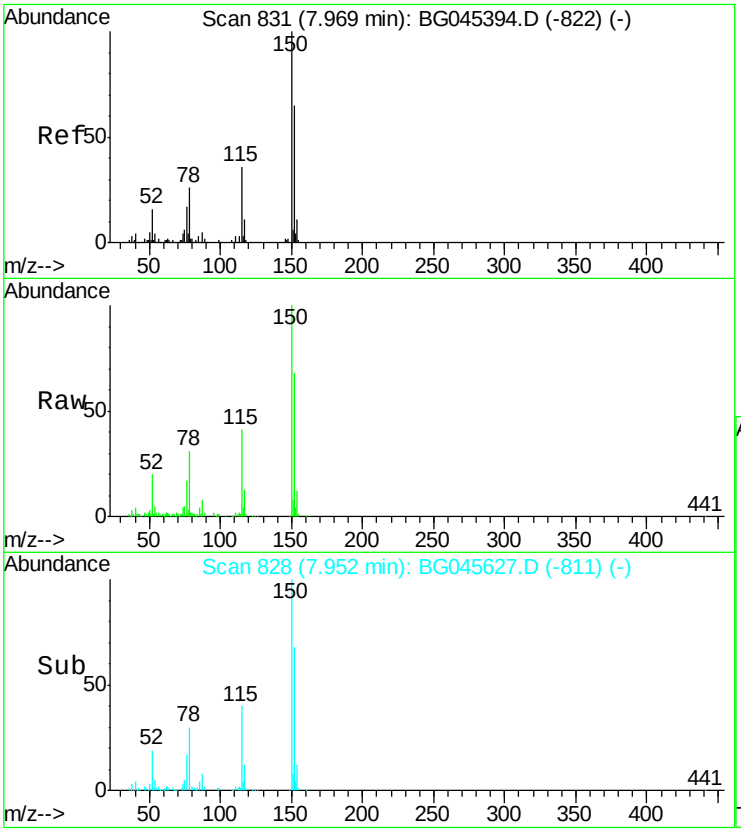
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045627.D
Acq On : 5 Jun 2020 22:14
Operator : CG/JU
Sample : L2903-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-16

Quant Time: Jun 06 02:28:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration



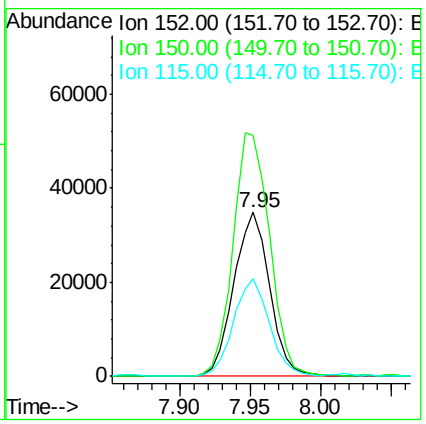


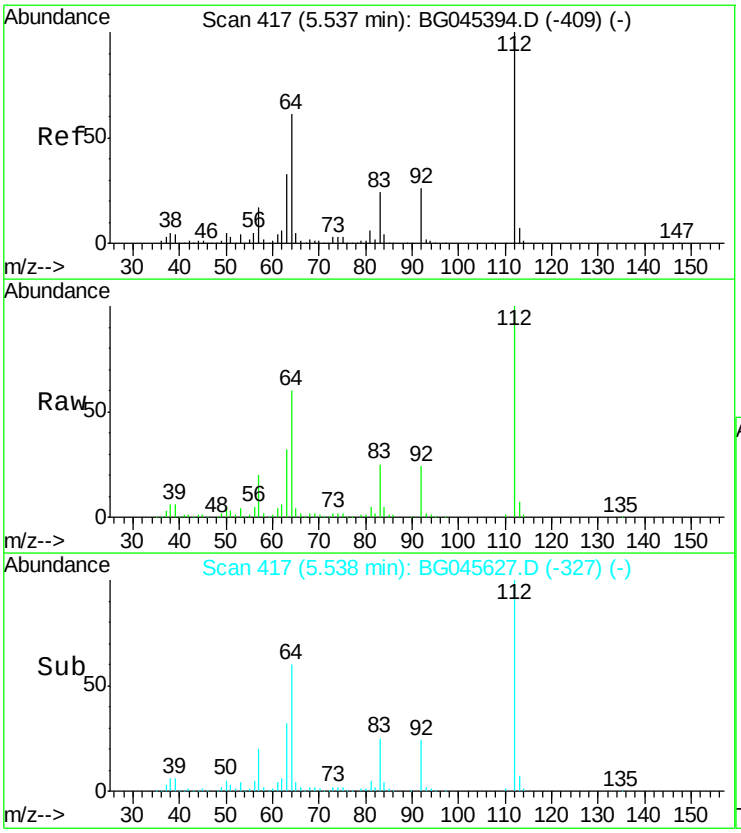
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 61698

Ion	Ratio	Lower	Upper
152	100		
150	147.2	122.4	183.6
115	60.0	44.2	66.4

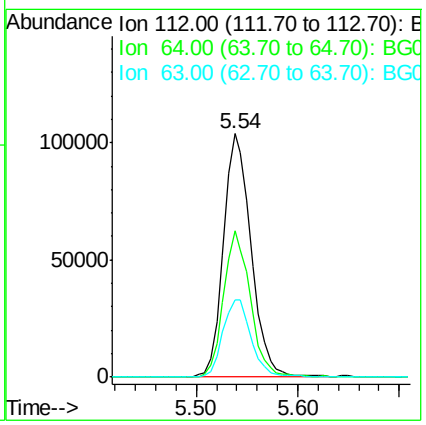


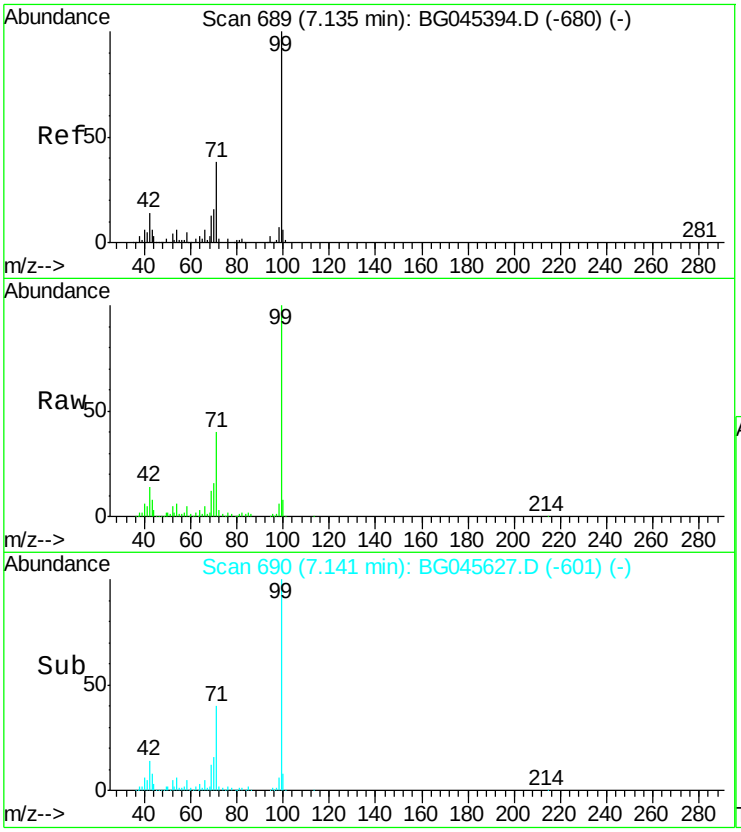


#5
2-Fluorophenol
Concen: 62.12 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Tgt Ion:112 Resp: 196106

Ion	Ratio	Lower	Upper
112	100		
64	59.9	48.6	72.8
63	31.7	26.5	39.7



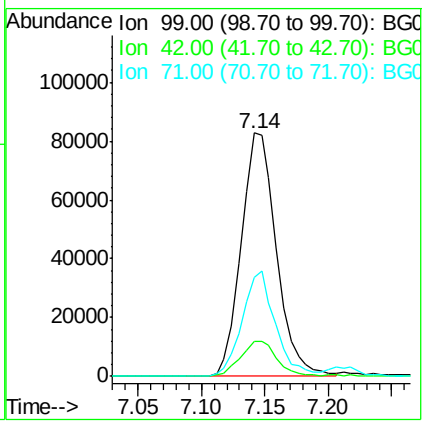


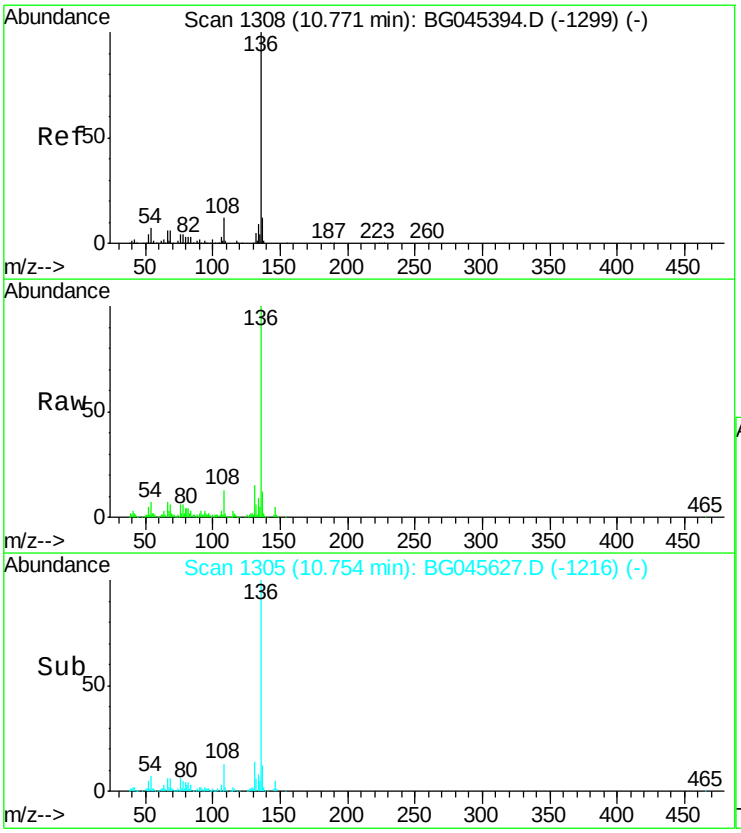
#7
Phenol-d6
Concen: 35.58 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion: 99 Resp: 159895

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.3	16.9
71	40.4	30.8	46.2

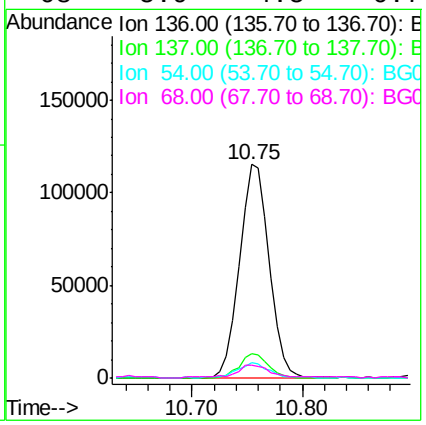


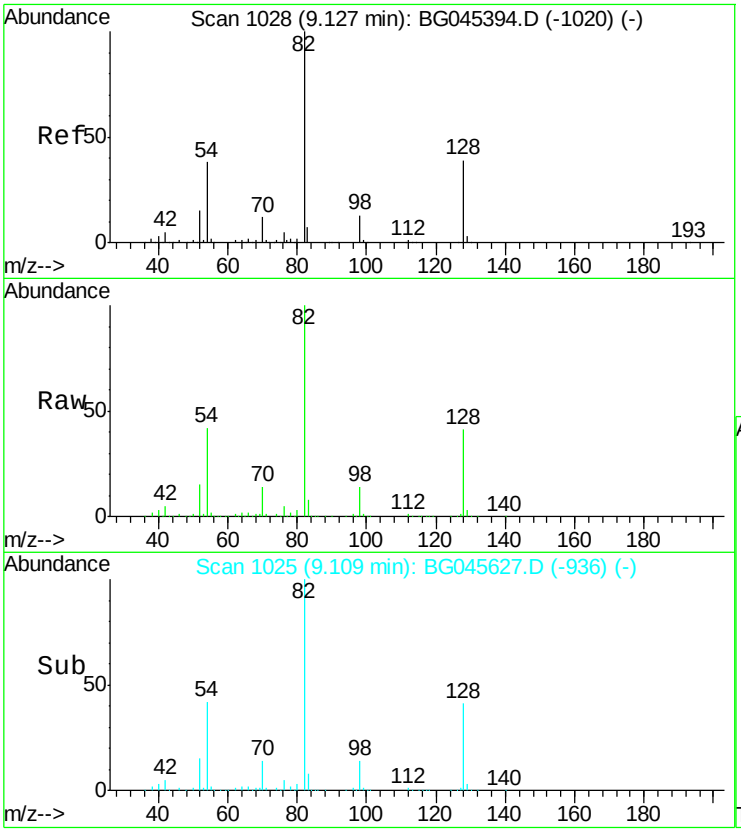


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Tgt Ion:136 Resp: 217850

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	7.2	5.8	8.6
68	5.9	4.5	6.7



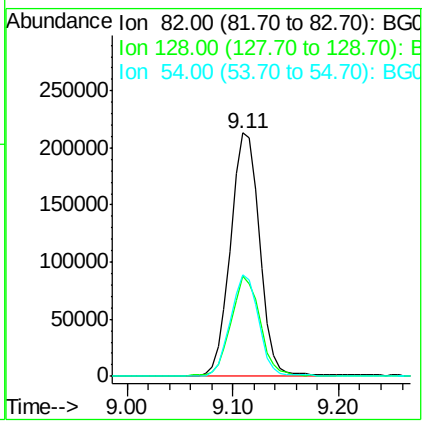


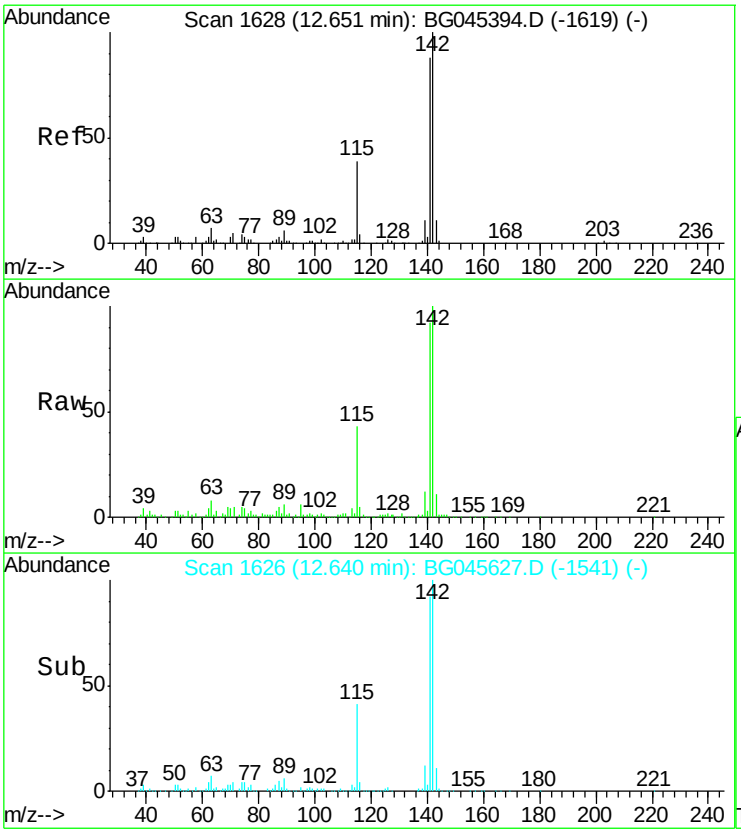
#23
Nitrobenzene-d5
Concen: 101.34 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion: 82 Resp: 404838

Ion	Ratio	Lower	Upper
82	100		
128	41.1	30.9	46.3
54	41.8	30.3	45.5

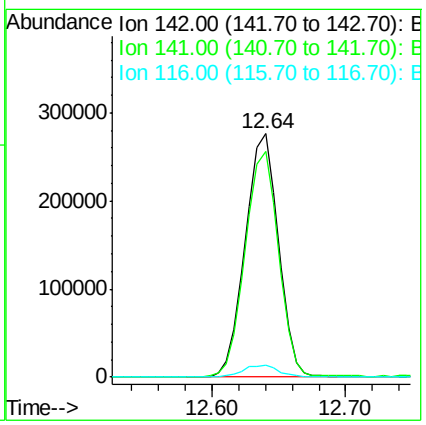


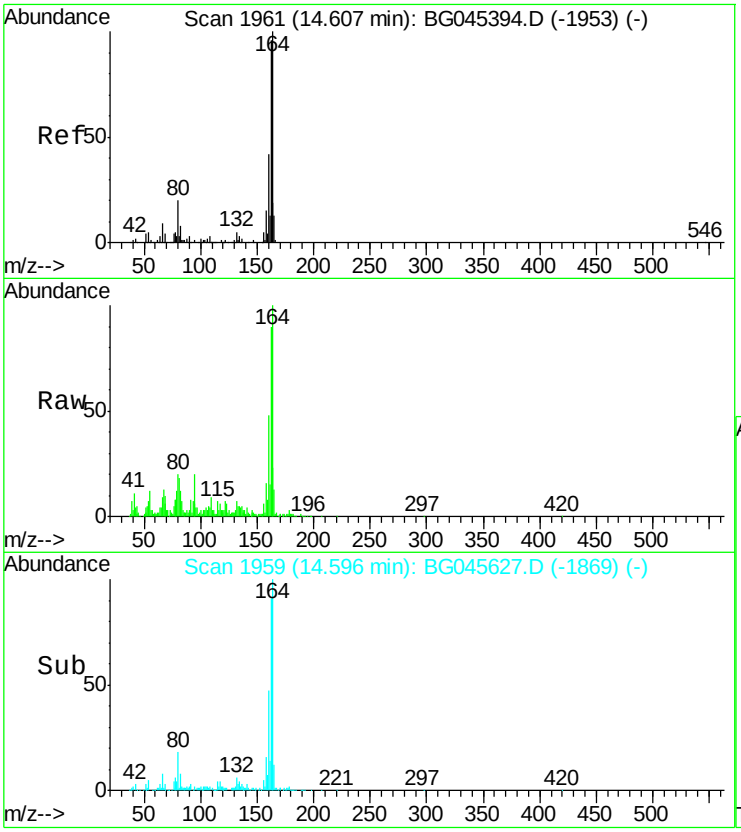


#38
1-Methylnaphthalene
Concen: 66.31 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Tgt Ion:142 Resp: 473922

Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.8	106.2
116	4.8	3.0	4.6#



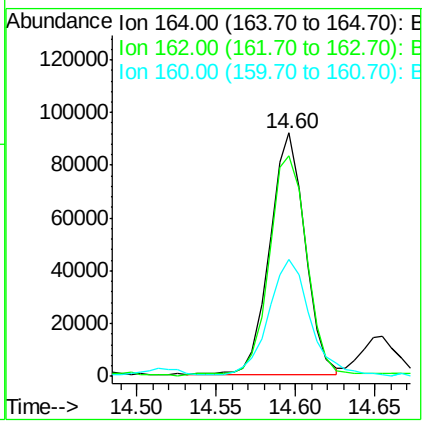


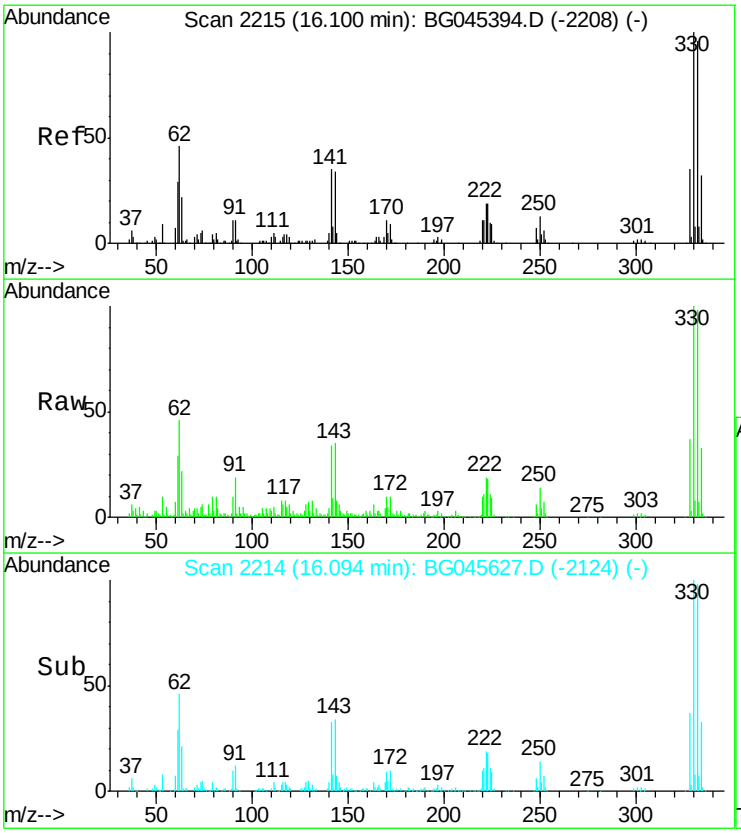
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:164 Resp: 142801

Ion	Ratio	Lower	Upper
164	100		
162	90.5	76.9	115.3
160	47.9	33.8	50.8

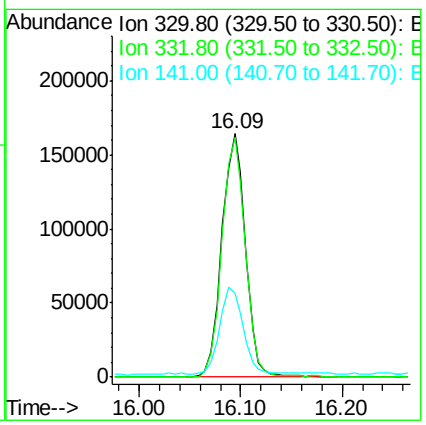


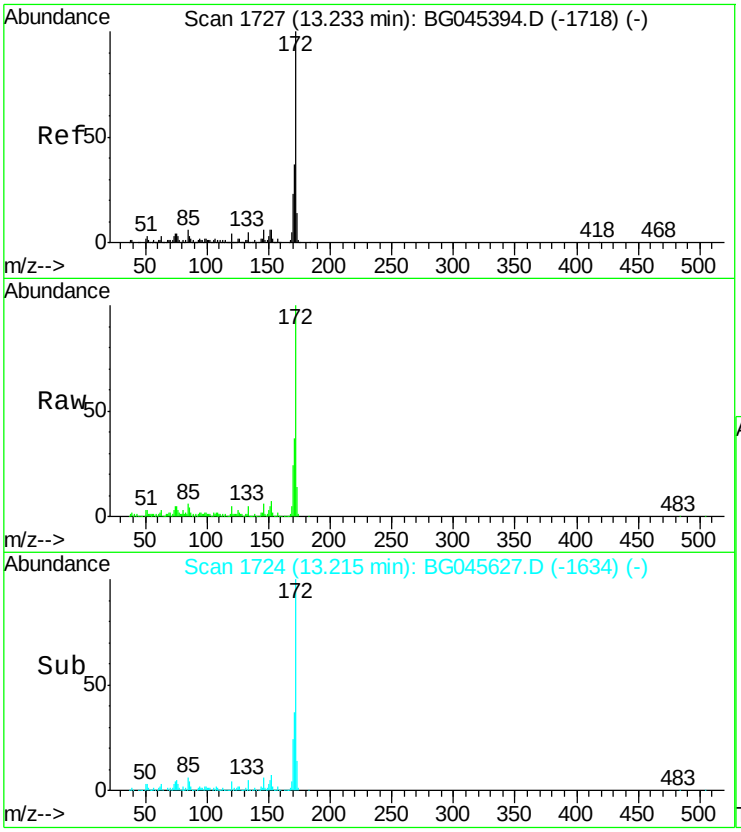


#42
2,4,6-Tribromophenol
Concen: 145.22 ng
RT: 16.09 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Tgt Ion:330 Resp: 265214

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.4
141	35.8	28.2	42.4



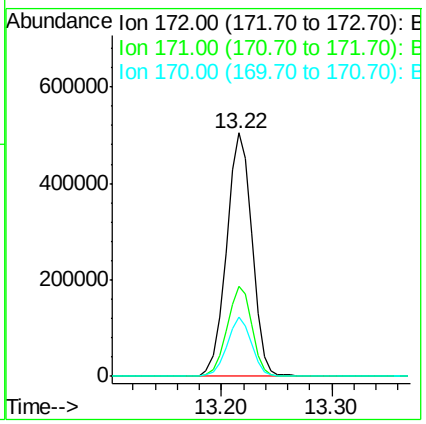


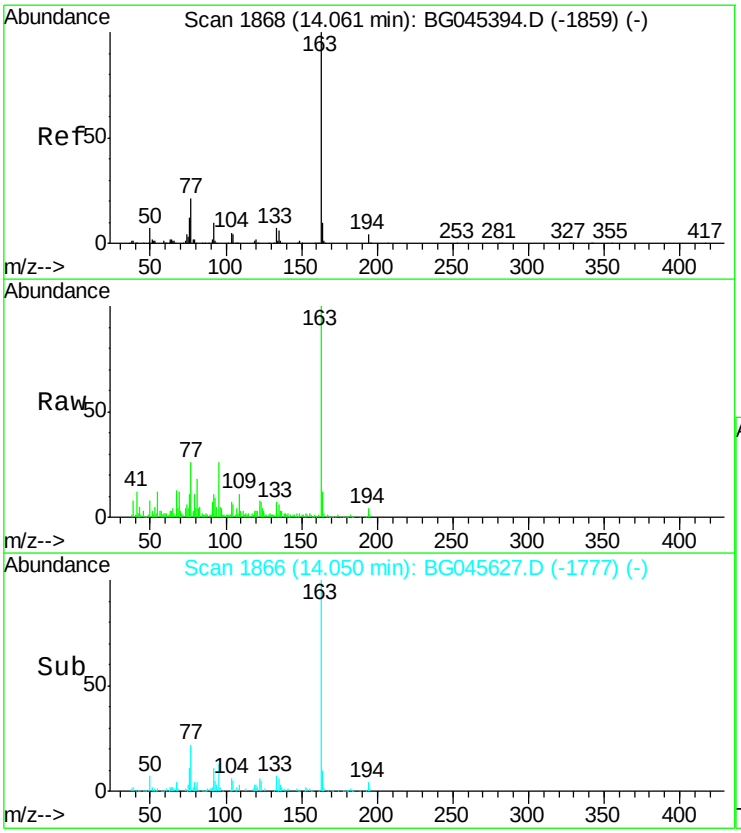
#45
2-Fluorobiphenyl
Concen: 96.84 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:172 Resp: 815305

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.5	44.3
170	24.2	18.5	27.7

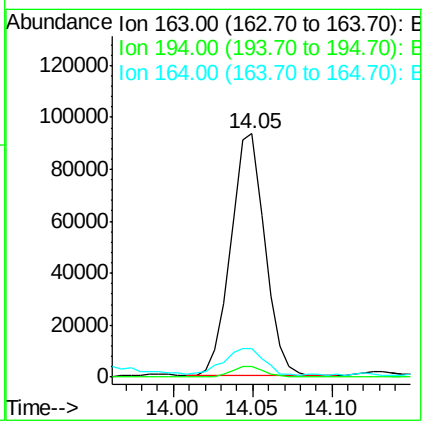


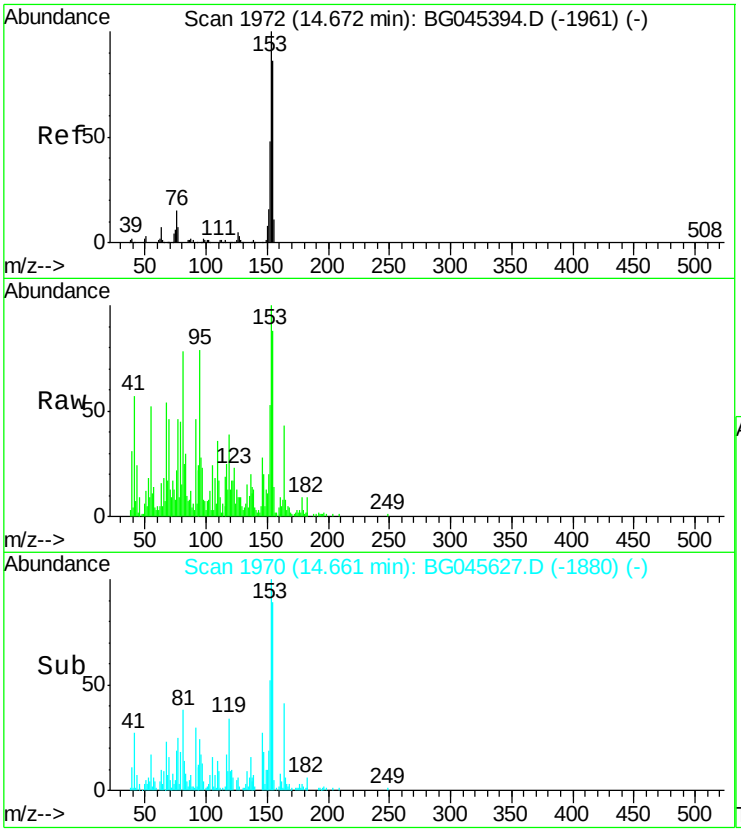


#50
Dimethylphthalate
Concen: 14.14 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Tgt Ion:163 Resp: 138473

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	11.9	8.3	12.5



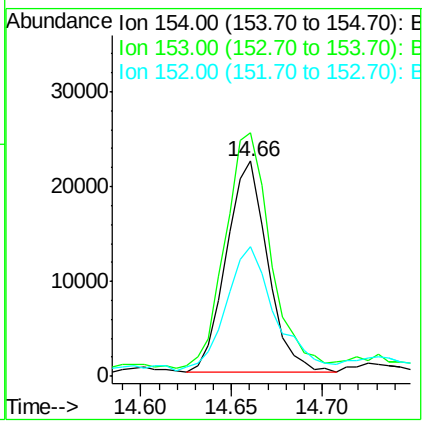


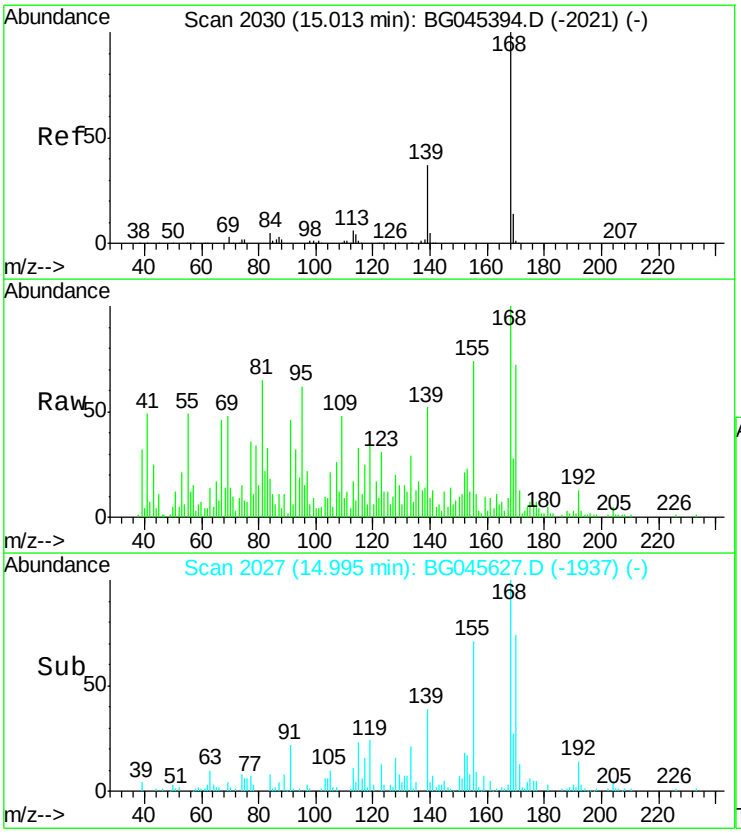
#52
Acenaphthene
Concen: 4.63 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:154 Resp: 35464

Ion	Ratio	Lower	Upper
154	100		
153	113.3	92.8	139.2
152	60.5	44.6	66.8

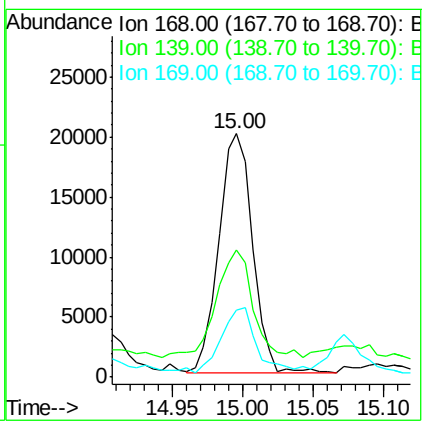


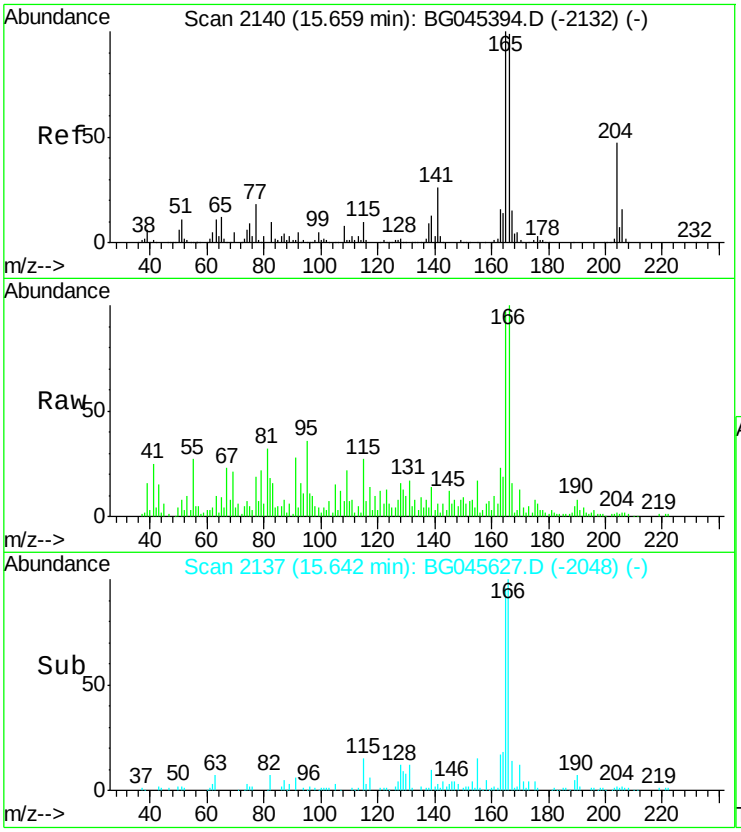


#55
Dibenzofuran
Concen: 2.90 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Tgt Ion:168 Resp: 32944

Ion	Ratio	Lower	Upper
168	100		
139	52.0	29.9	44.9#
169	27.7	10.9	16.3#



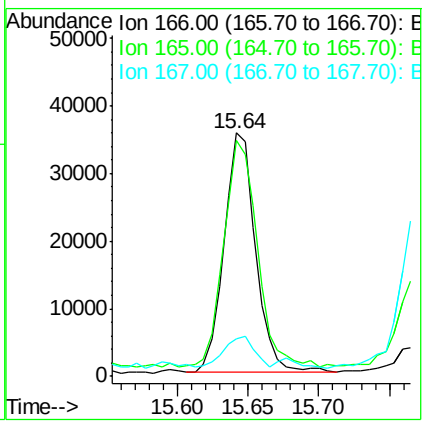


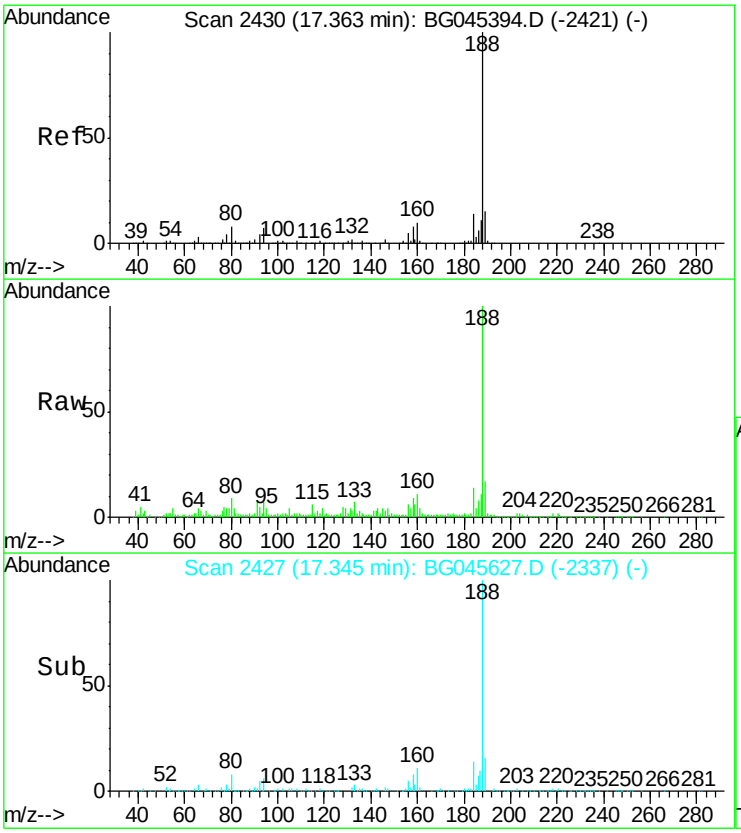
#58
Fluorene
Concen: 5.92 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:166 Resp: 55322

Ion	Ratio	Lower	Upper
166	100		
165	96.8	80.8	121.2
167	15.5	12.0	18.0

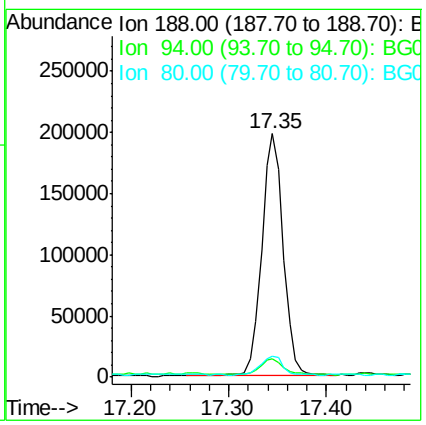


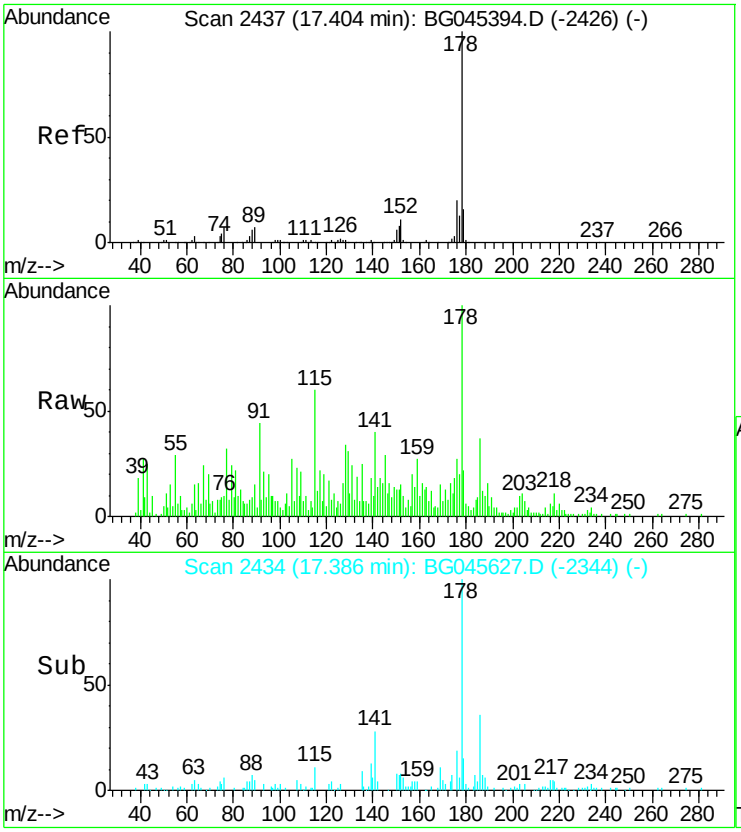


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Tgt Ion:188 Resp: 306273

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.5	8.3
80	8.8	6.6	10.0



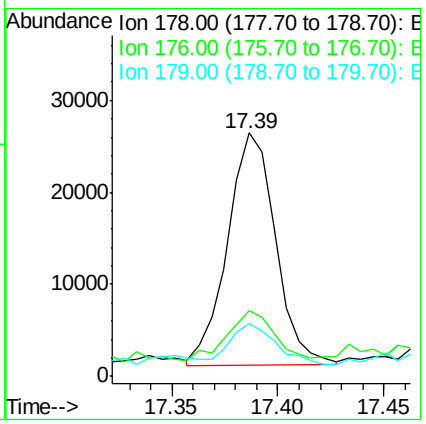


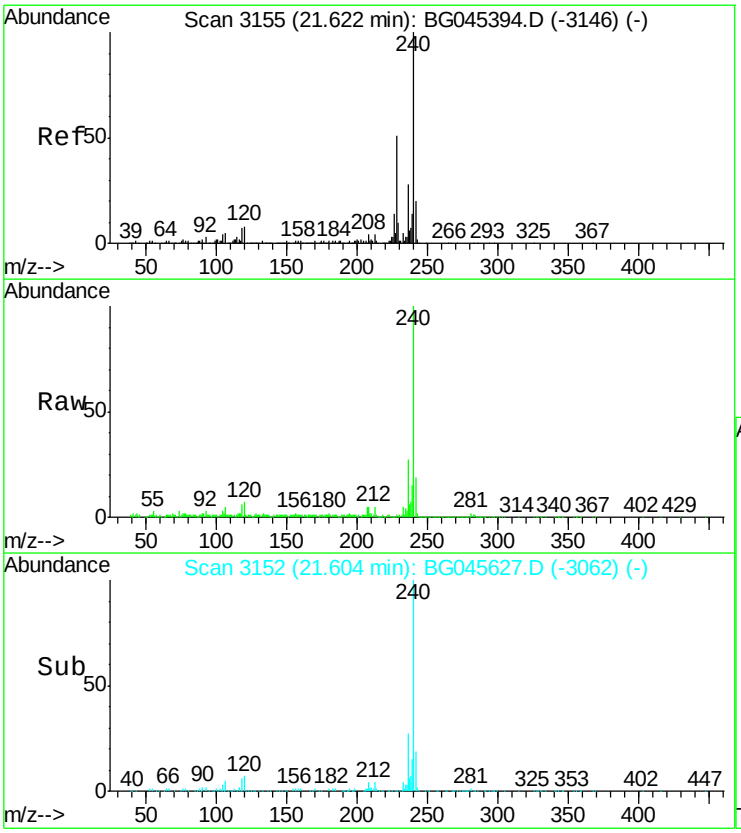
#71
Phenanthrene
Concen: 2.98 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:178 Resp: 39834

Ion	Ratio	Lower	Upper
178	100		
176	26.8	16.2	24.4#
179	21.7	13.1	19.7#

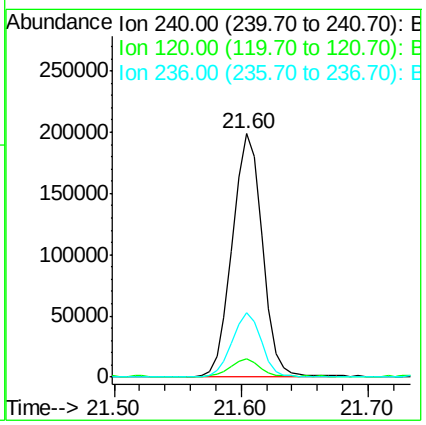


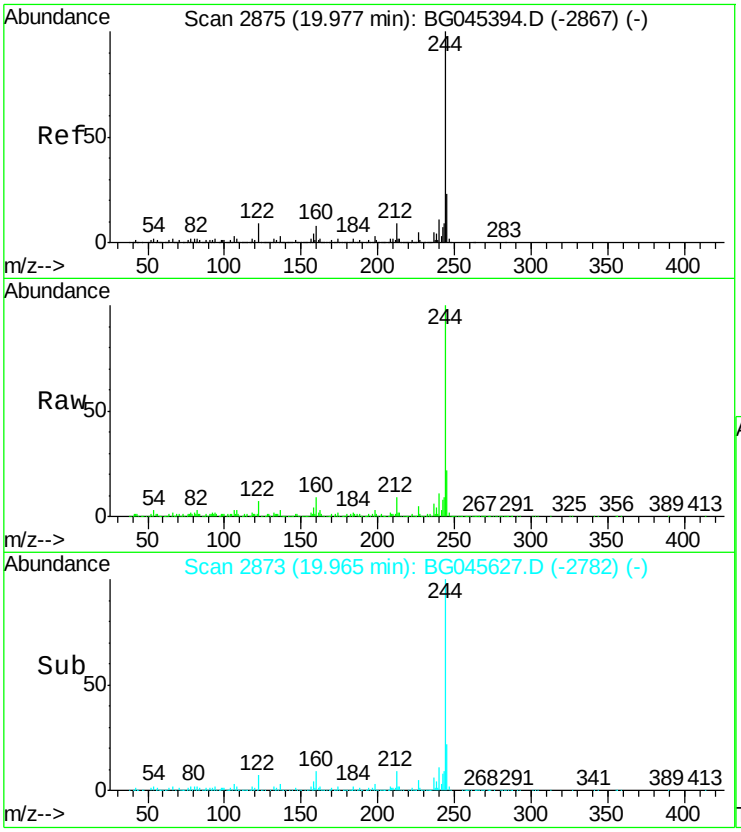


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.60 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Tgt Ion:240 Resp: 324518

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.1	9.1
236	26.7	22.3	33.5



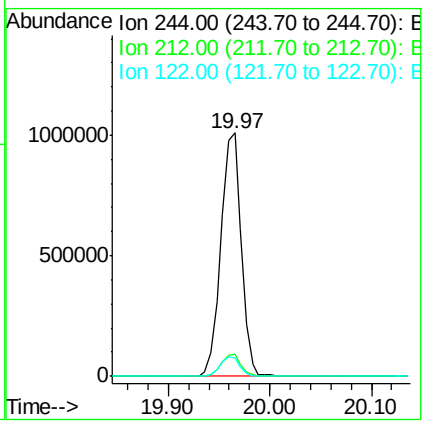


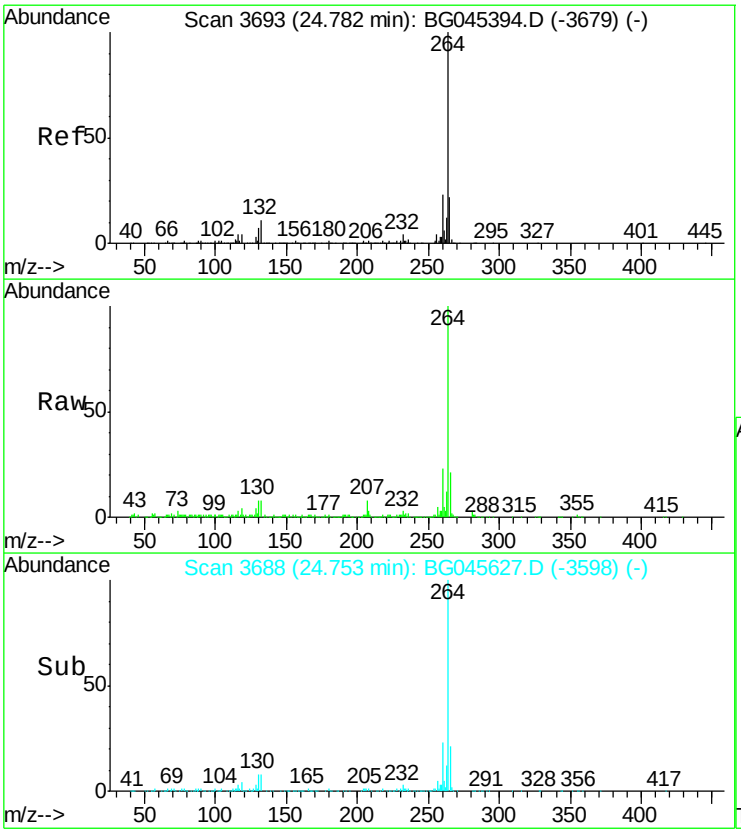
#79
Terphenyl-d14
Concen: 101.05 ng
RT: 19.97 min Scan# 2873
Delta R.T. 0.01 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:244 Resp: 1406011

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.0
122	7.5	6.8	10.2





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.75 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045627.D
Acq: 5 Jun 2020 22:14

Tgt Ion:264 Resp: 364960

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.4	17.6	26.4