Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045812.D
Acq On : 19 Jun 2020 12:45
Operator : CG/JU
Sample : L3033-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW003-200616

Quant Time: Jun 19 14:57:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	47505	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	183281	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	127397	20.00	ng	0.00
64) Phenanthrene-d10	17.31	188	292953	20.00	ng	0.00
76) Chrysene-d12	21.57	240	295422	20.00	ng	0.00
86) Perylene-d12	24.70	264	321524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	127871	45.47	ng	0.00
7) Phenol-d6	7.14	99	114594	26.79	ng	-0.02
23) Nitrobenzene-d5	9.08	82	325259	81.07	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	251603	130.81	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	755230	87.12	ng	0.00
79) Terphenyl-d14	19.93	244	1404306	96.34	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	51498	39.982	ng	98
50) Dimethylphthalate	14.02	163	75989	7.614	ng	96

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

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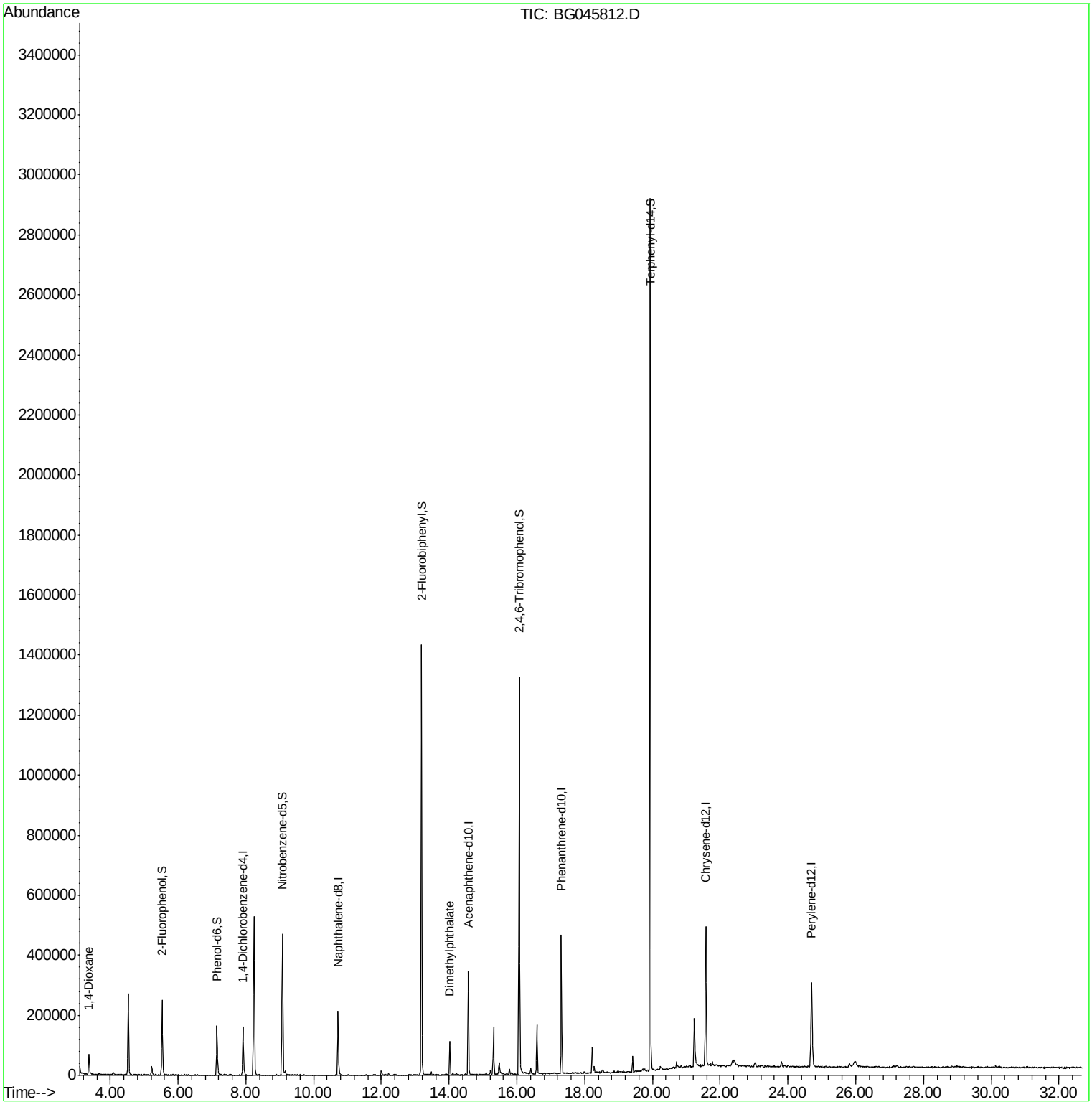
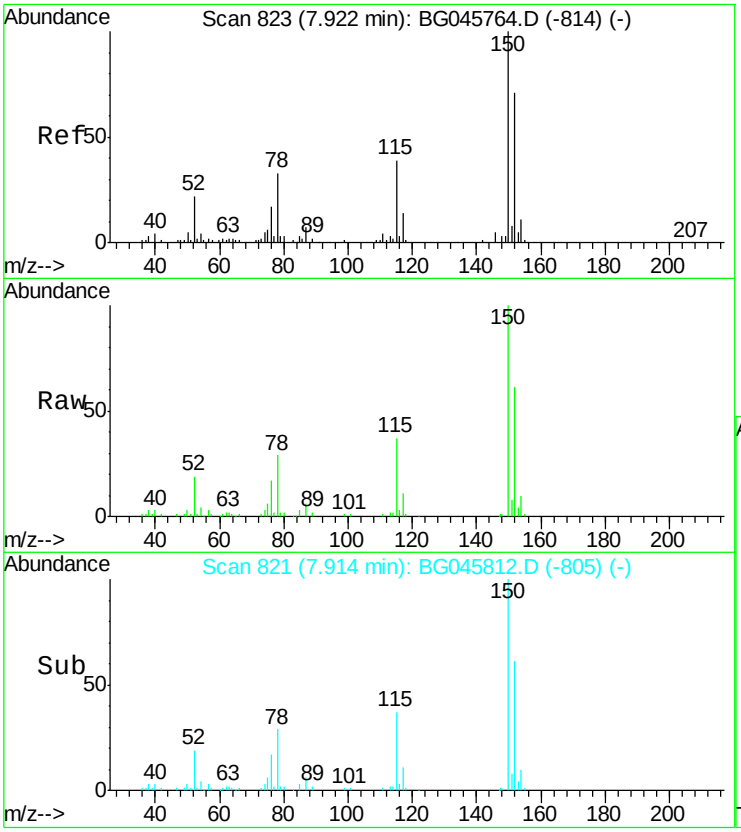
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration



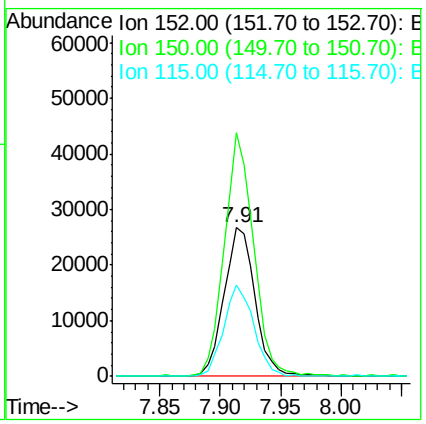


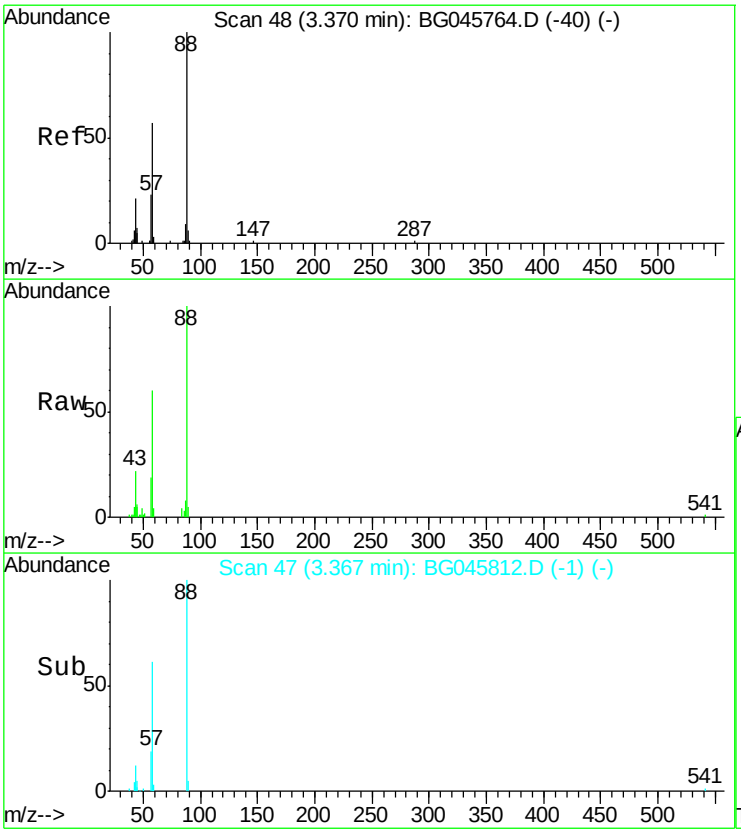
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Instrument :
BNA_G
ClientSampleId :
LF001MW003-200616

Tgt Ion:152 Resp: 47505

Ion	Ratio	Lower	Upper
152	100		
150	163.8	113.1	169.7
115	61.2	43.8	65.6

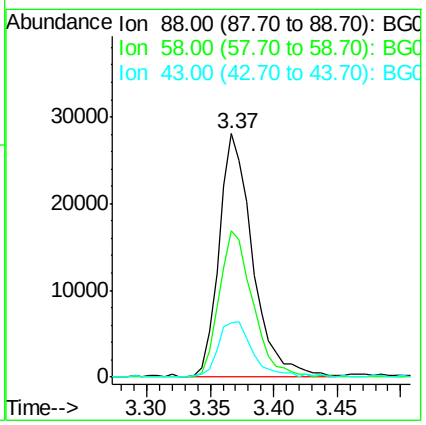


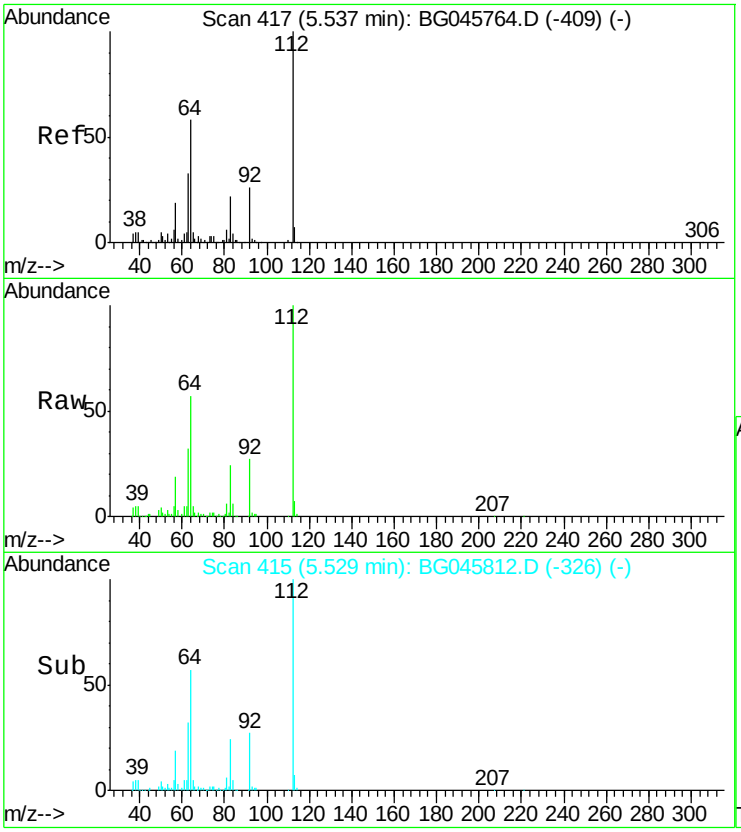


#2
1,4-Dioxane
Concen: 39.982 ng
RT: 3.37 min Scan# 47
Delta R.T. -0.00 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Tgt Ion: 88 Resp: 51498

Ion	Ratio	Lower	Upper
88	100		
58	59.7	46.1	69.1
43	23.4	19.2	28.8



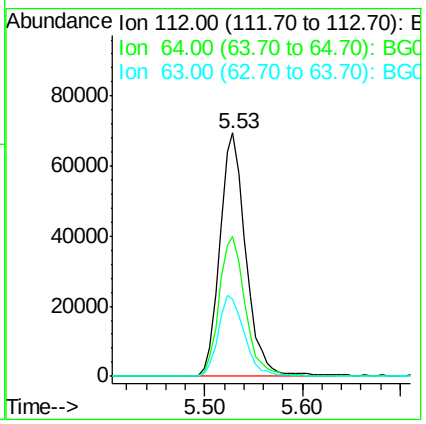


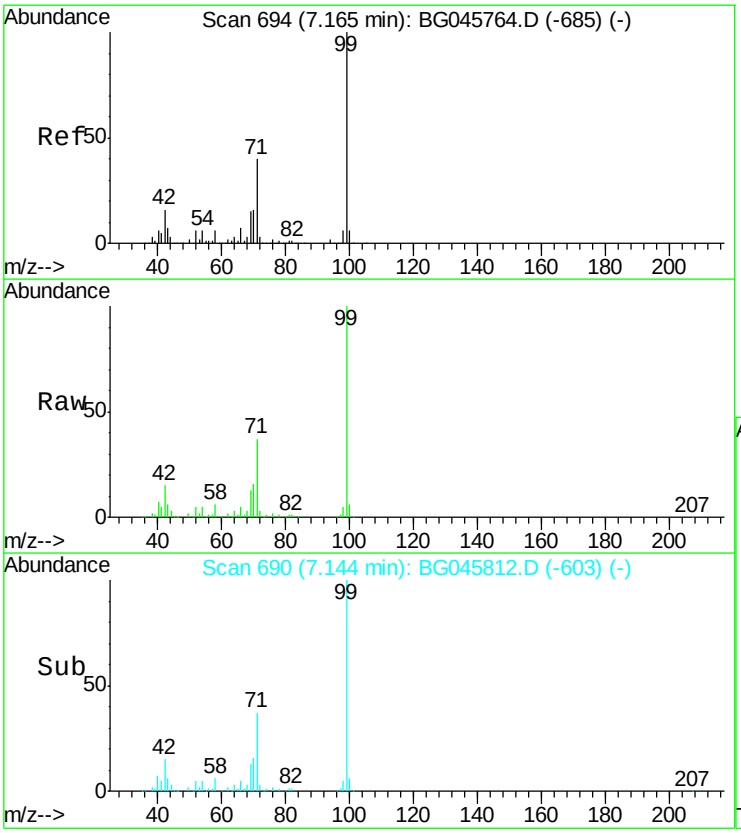
#5
2-Fluorophenol
Concen: 45.470 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Instrument :
BNA_G
ClientSampleId :
LF001MW003-200616

Tgt Ion:112 Resp: 127871

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.6	69.8
63	31.8	26.3	39.5

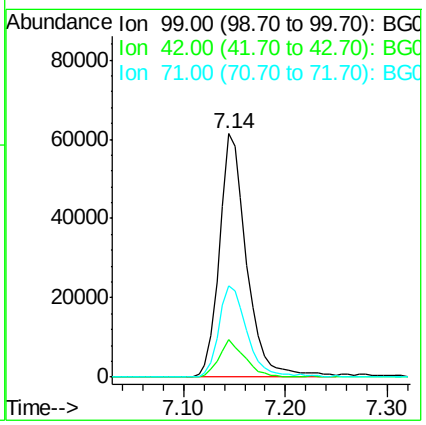


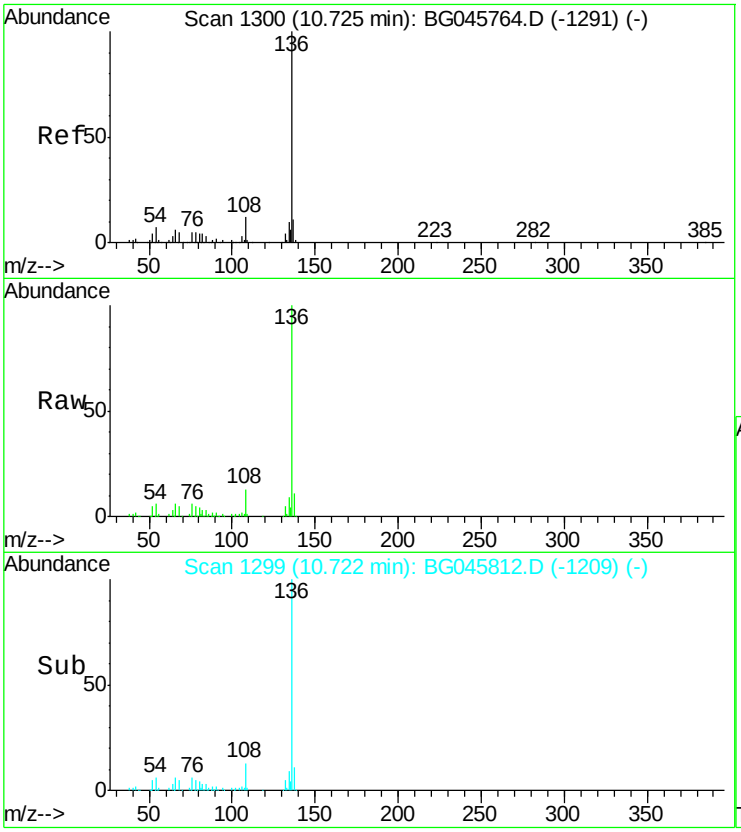


#7
Phenol-d6
Concen: 26.789 ng
RT: 7.14 min Scan# 690
Delta R.T. -0.02 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Tgt Ion: 99 Resp: 114594

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.4	18.6
71	37.3	32.1	48.1



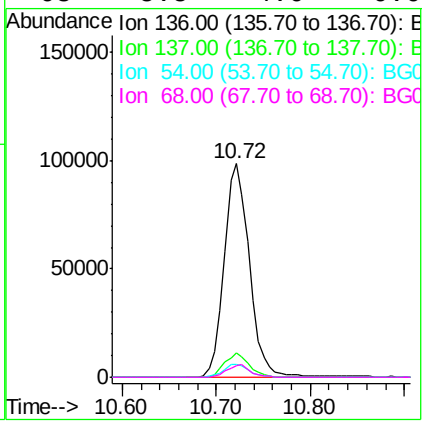


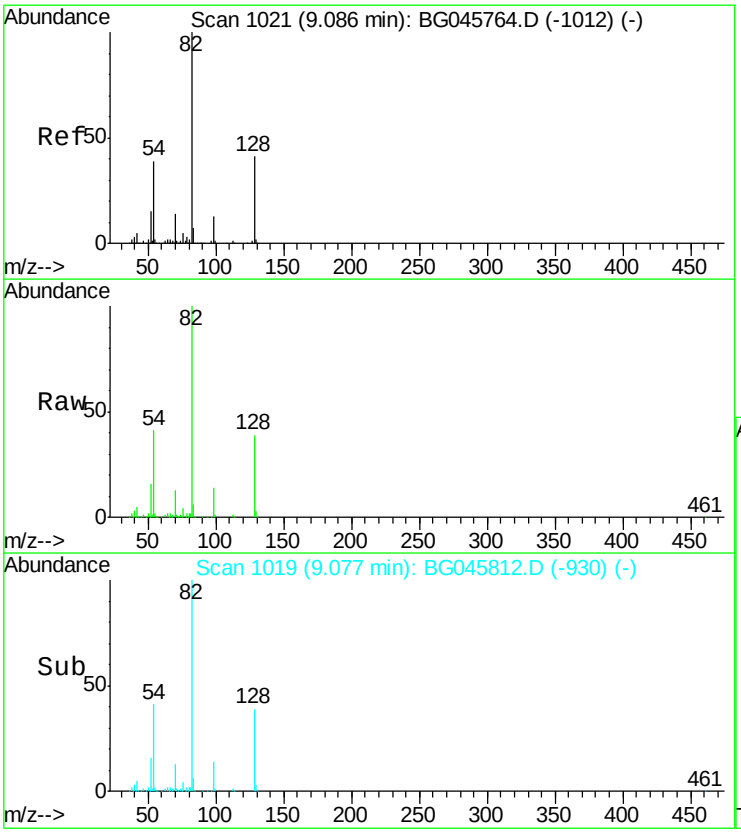
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Instrument :
BNA_G
ClientSampleId :
LF001MW003-200616

Tgt Ion:136 Resp: 183281

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	6.2	5.8	8.6
68	5.5	4.0	6.0

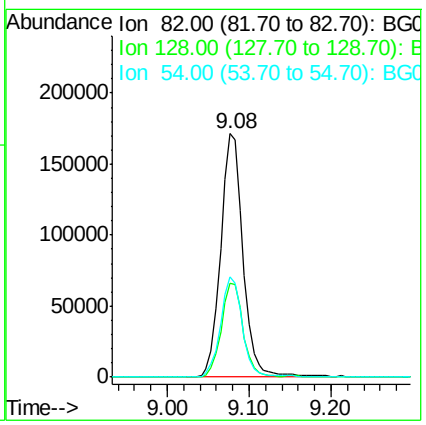


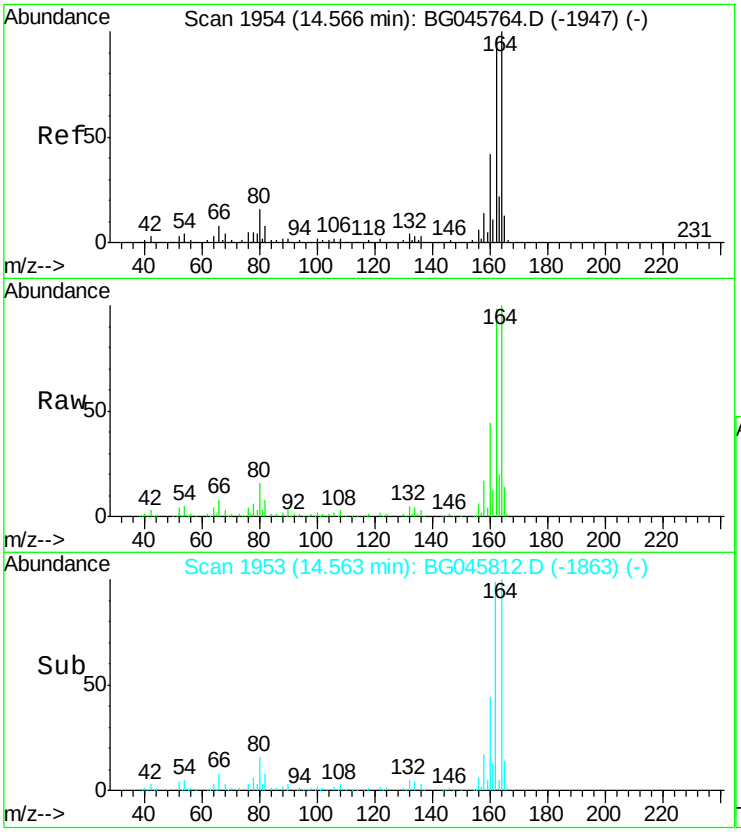


#23
Nitrobenzene-d5
Concen: 81.072 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Tgt Ion: 82 Resp: 325259

Ion	Ratio	Lower	Upper
82	100		
128	38.8	32.5	48.7
54	41.1	31.2	46.8



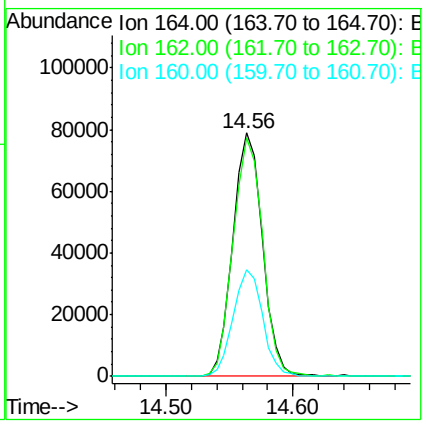


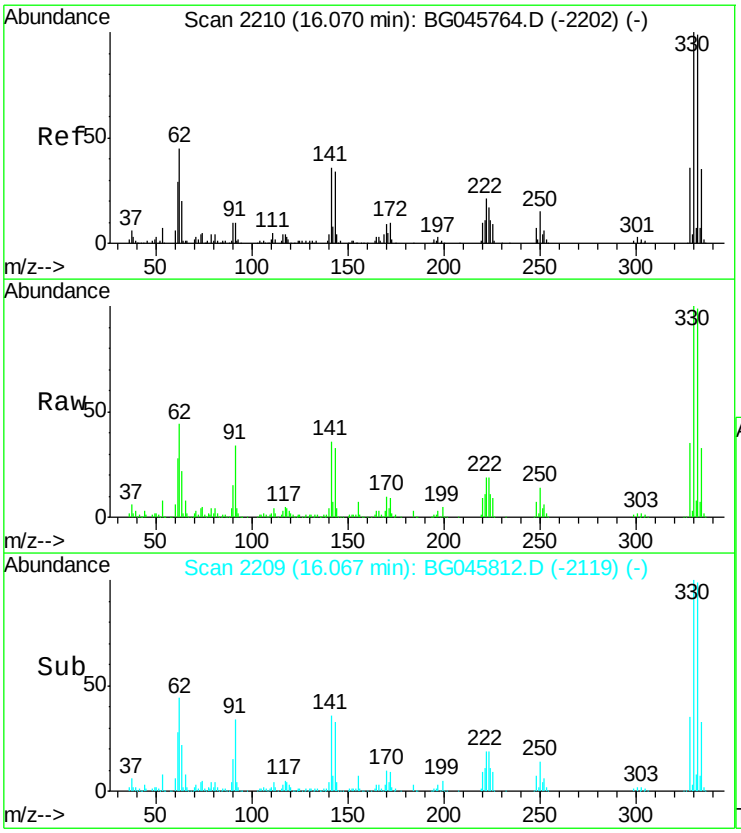
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Instrument :
BNA_G
ClientSampleId :
LF001MW003-200616

Tgt Ion:164 Resp: 127397

Ion	Ratio	Lower	Upper
164	100		
162	97.8	77.4	116.0
160	43.6	33.3	49.9

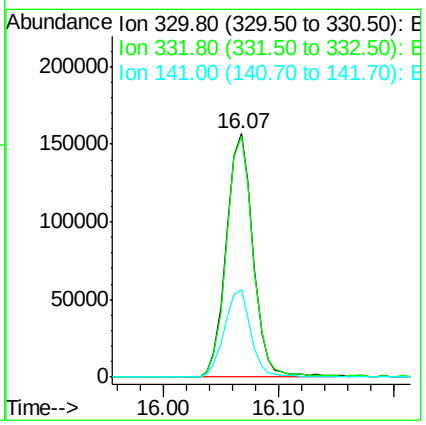


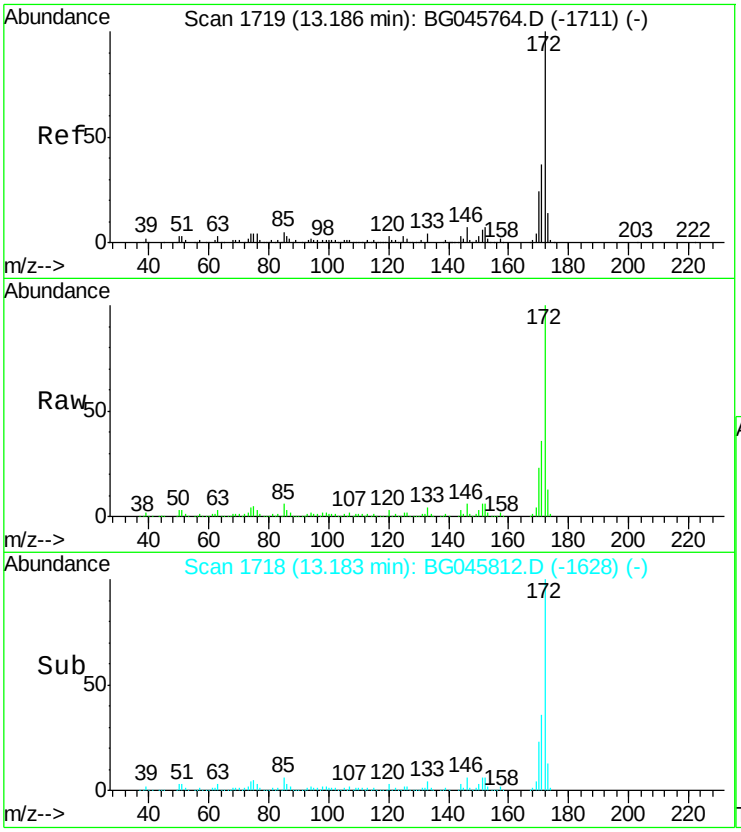


#42
2,4,6-Tribromophenol
Concen: 130.814 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Tgt Ion:330 Resp: 251603

Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.6	117.8
141	35.2	28.2	42.4



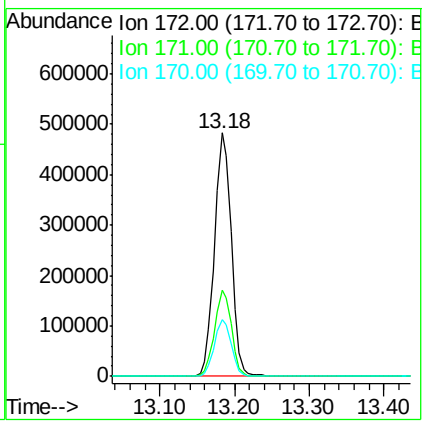


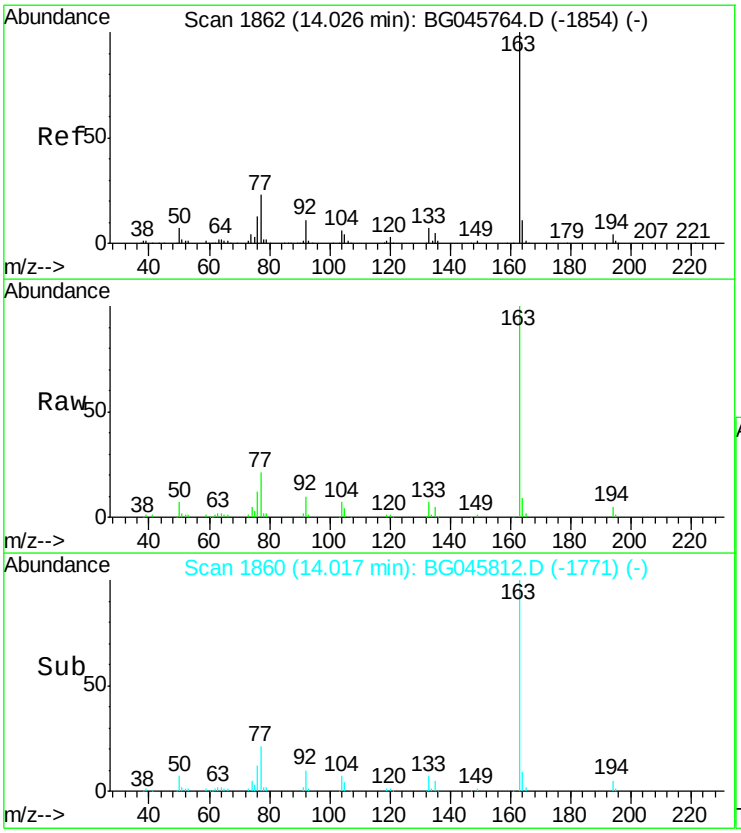
#45
2-Fluorobiphenyl
Concen: 87.118 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Instrument :
BNA_G
ClientSampleId :
LF001MW003-200616

Tgt Ion:172 Resp: 755230

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	23.3	19.3	28.9

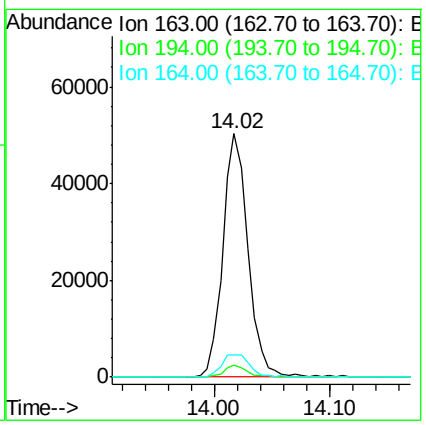


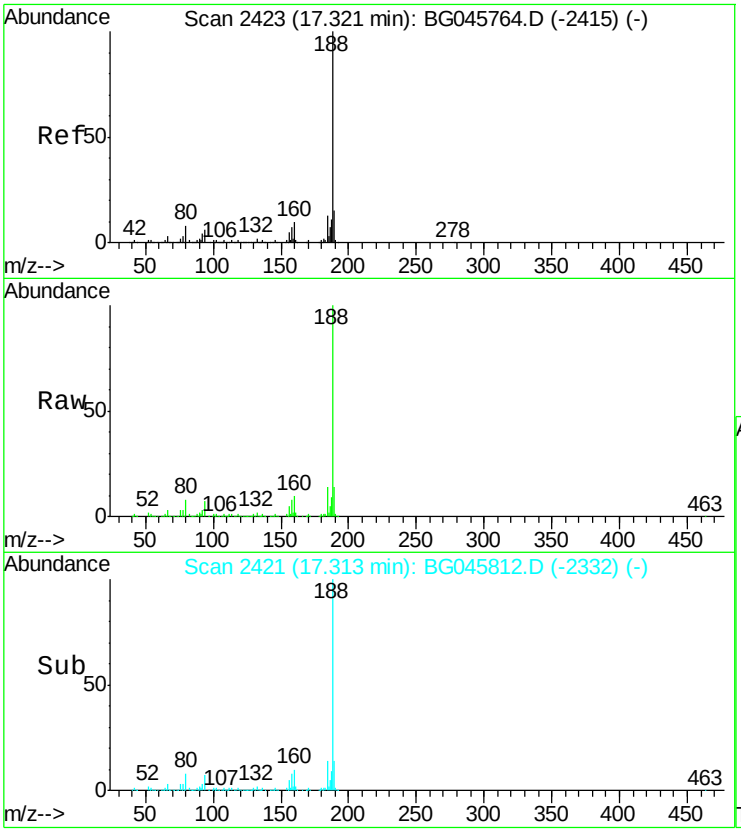


#50
Dimethylphthalate
Concen: 7.614 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Tgt Ion:163 Resp: 75989

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	9.2	8.9	13.3



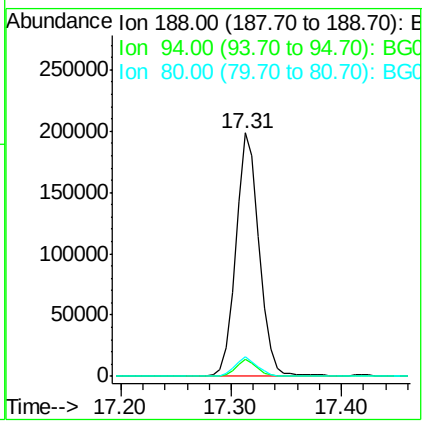


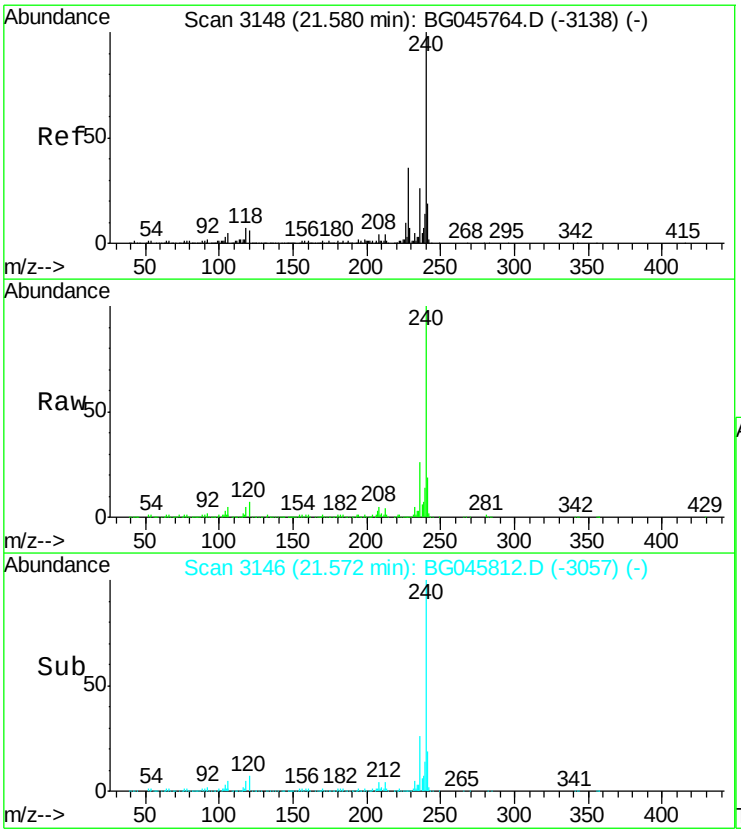
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Instrument :
BNA_G
ClientSampleId :
LF001MW003-200616

Tgt Ion:188 Resp: 292953

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.1	7.7
80	7.9	6.2	9.4

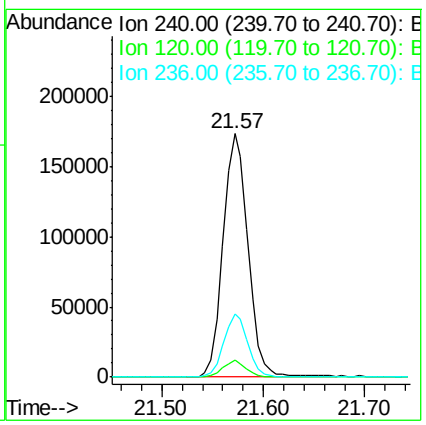


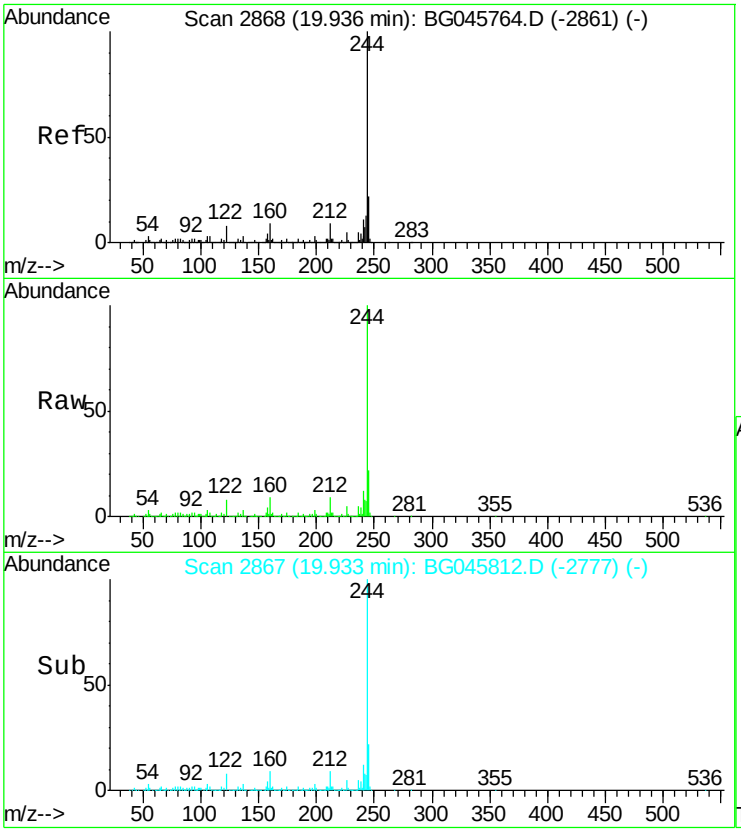


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Tgt Ion:240 Resp: 295422

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.0	7.4
236	26.2	20.6	30.8



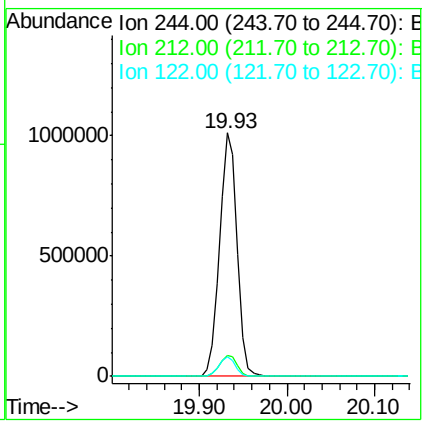


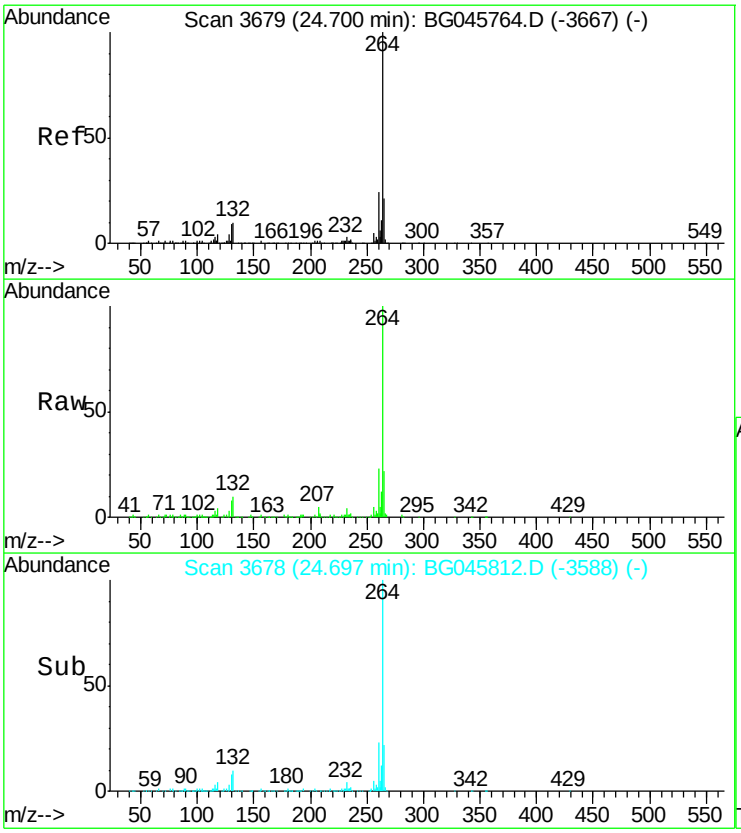
#79
Terphenyl-d14
Concen: 96.335 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Instrument :
BNA_G
ClientSampleId :
LF001MW003-200616

Tgt Ion:244 Resp: 1404306

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	8.3	6.4	9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG045812.D
Acq: 19 Jun 2020 12:45

Tgt Ion:264 Resp: 321524

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	22.2	17.4	26.0