Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
Data File : BG045269.D
Acq On : 7 May 2020 14:42
Operator : CG/JU
Sample : L2515-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-18A

Quant Time: May 07 15:28:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	62322	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	241251	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	178942	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	418584	20.00	ng	0.00
76) Chrysene-d12	21.63	240	397473	20.00	ng	0.00
87) Perylene-d12	24.81	264	425115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	438054	116.04	ng	0.00
7) Phenol-d6	7.15	99	569057	101.46	ng	0.00
23) Nitrobenzene-d5	9.14	82	486386	91.99	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	391441	141.60	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1147107	94.00	ng	0.00
79) Terphenyl-d14	19.99	244	2104573	115.41	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.84	128	57312	4.343	ng	95
50) Dimethylphthalate	14.07	163	75369	5.173	ng	97

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

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BNA_G
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TP-18A

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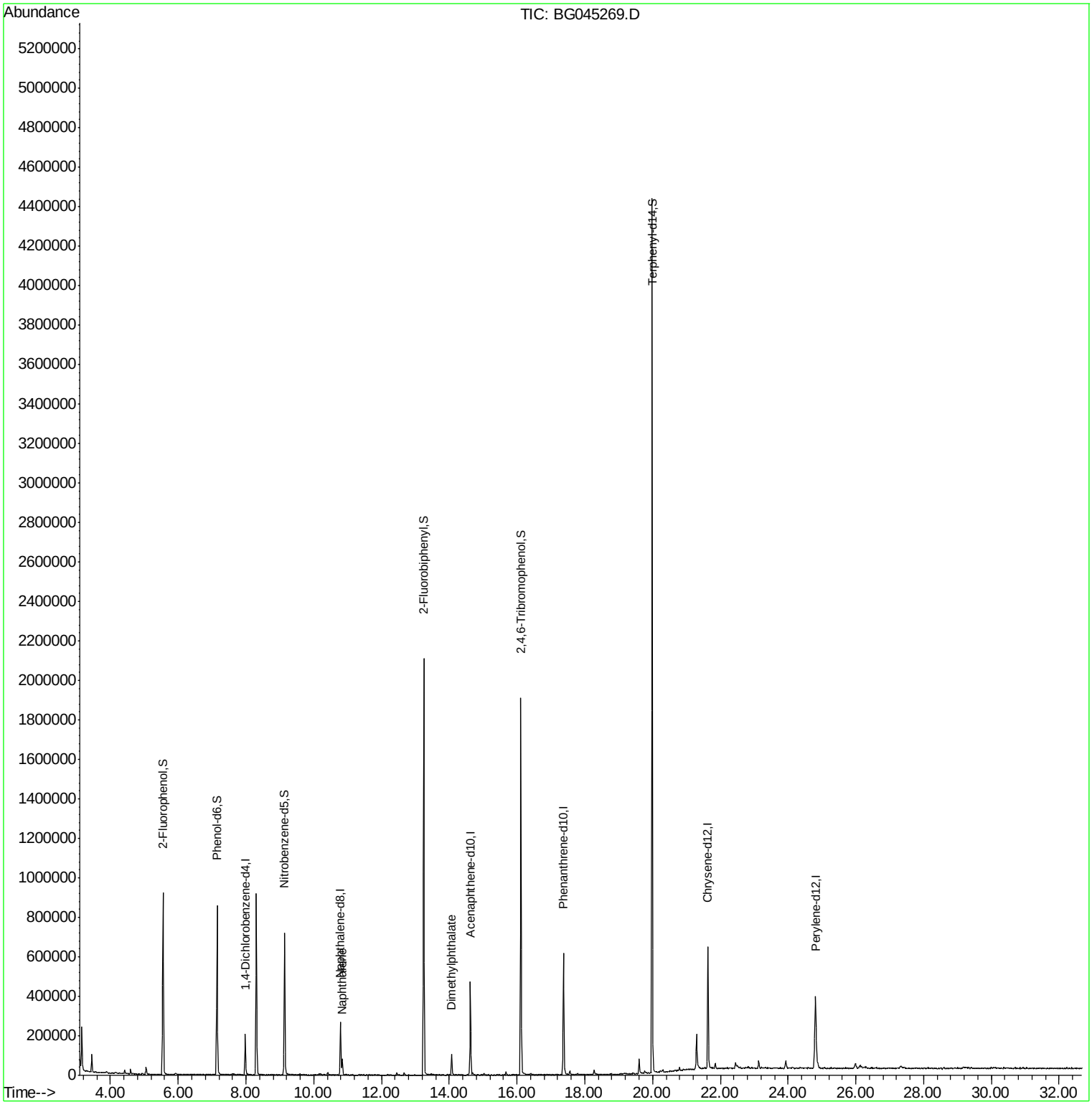
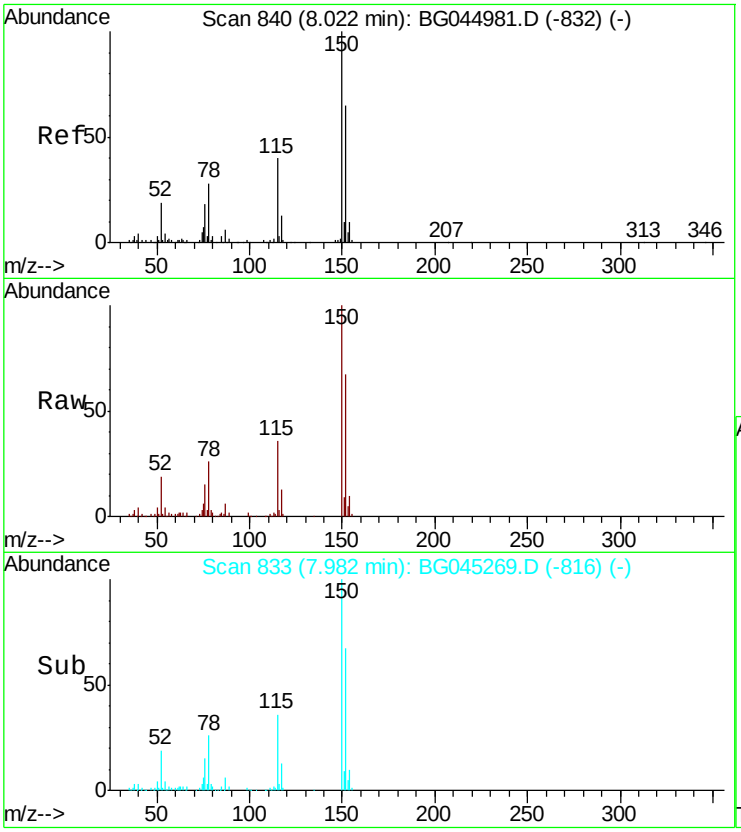
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 07 12:51:10 2020
Response via : Initial Calibration



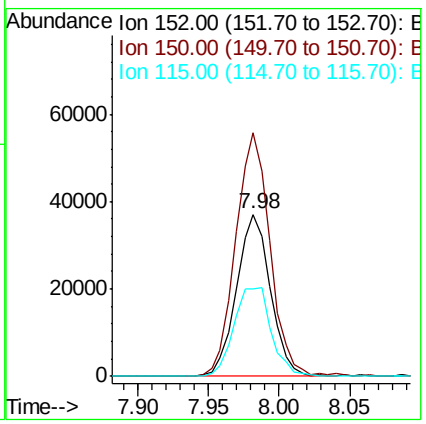


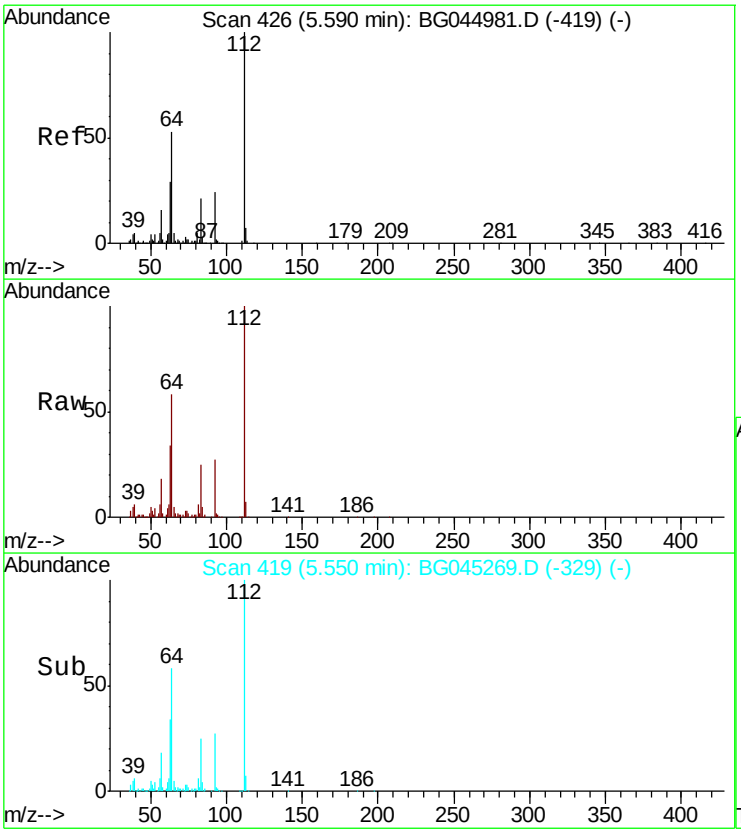
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Instrument :
BNA_G
ClientSampleId :
TP-18A

Tgt Ion:152 Resp: 62322

Ion	Ratio	Lower	Upper
152	100		
150	150.3	123.6	185.4
115	54.1	49.1	73.7

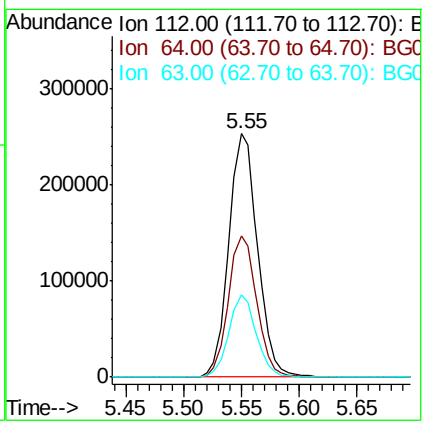




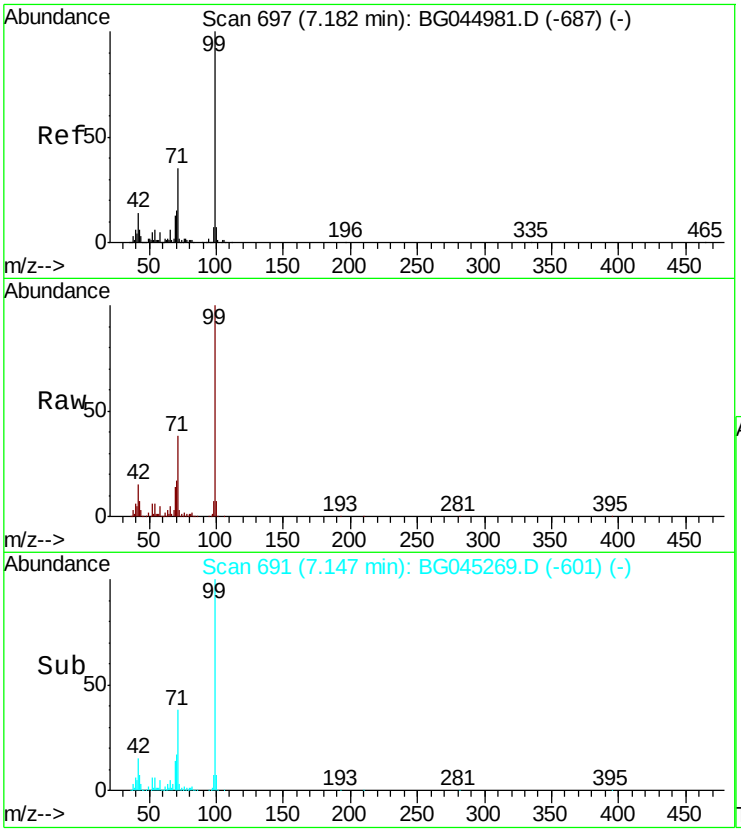
#5
2-Fluorophenol
Concen: 116.043 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Tgt Ion:112 Resp: 438054

Ion	Ratio	Lower	Upper
112	100		
64	57.9	42.4	63.6
63	33.9	23.1	34.7



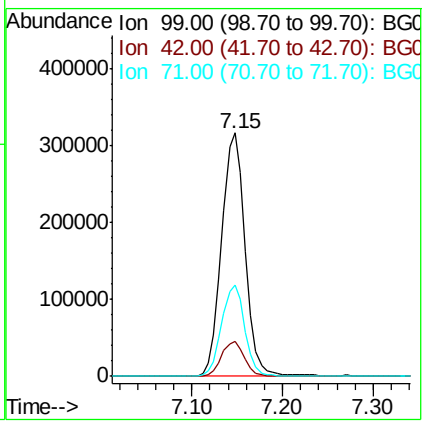
Instrument :
BNA_G
ClientSampleId :
TP-18A

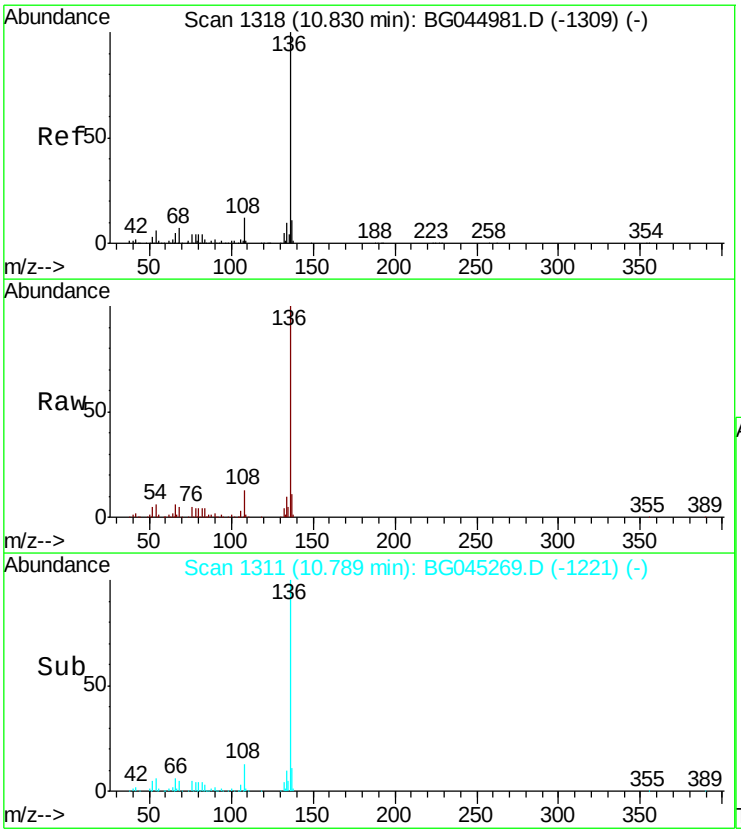


#7
Phenol-d6
Concen: 101.462 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Tgt Ion: 99 Resp: 569057

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.3	16.9
71	37.7	28.3	42.5

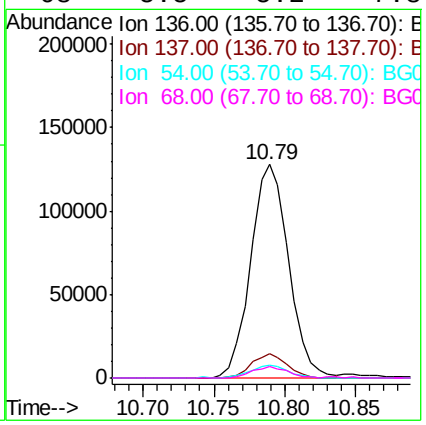


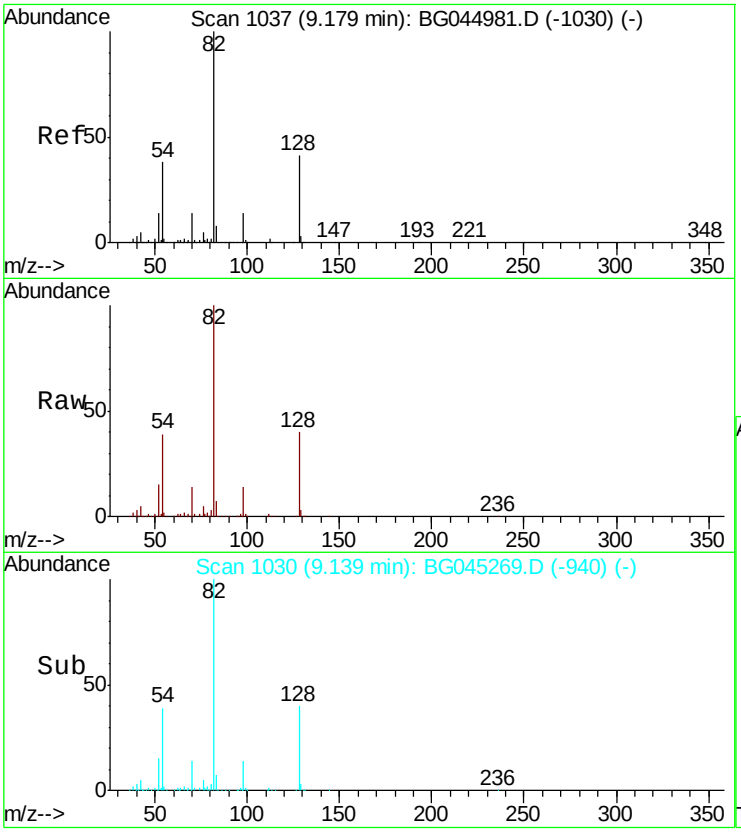


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Tgt Ion:136 Resp: 241251

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.2	4.8	7.2
68	5.5	5.2	7.8



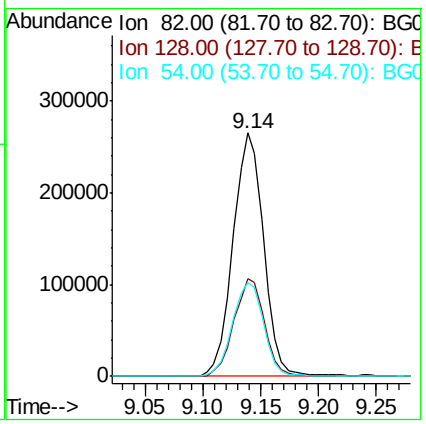


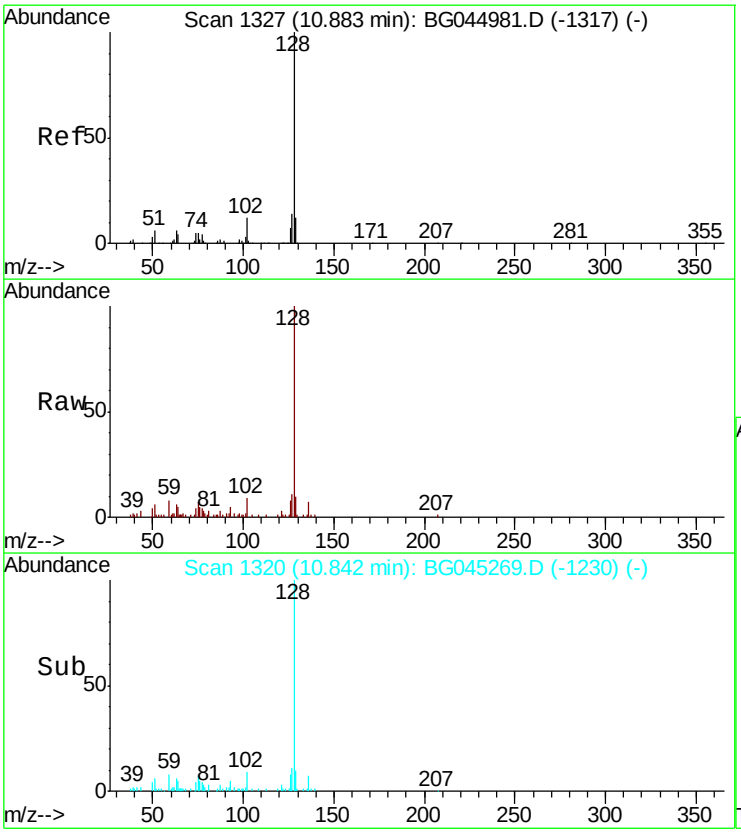
#23
Nitrobenzene-d5
Concen: 91.992 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Instrument :
BNA_G
ClientSampleId :
TP-18A

Tgt Ion: 82 Resp: 486386

Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.0	49.4
54	38.7	30.4	45.6

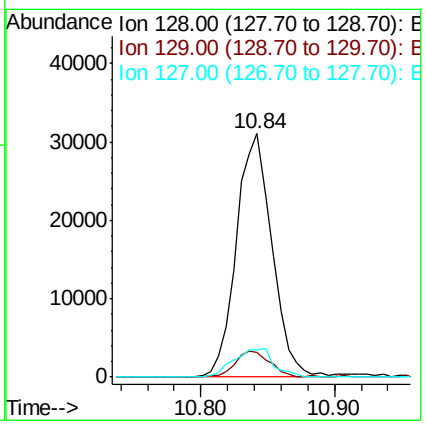


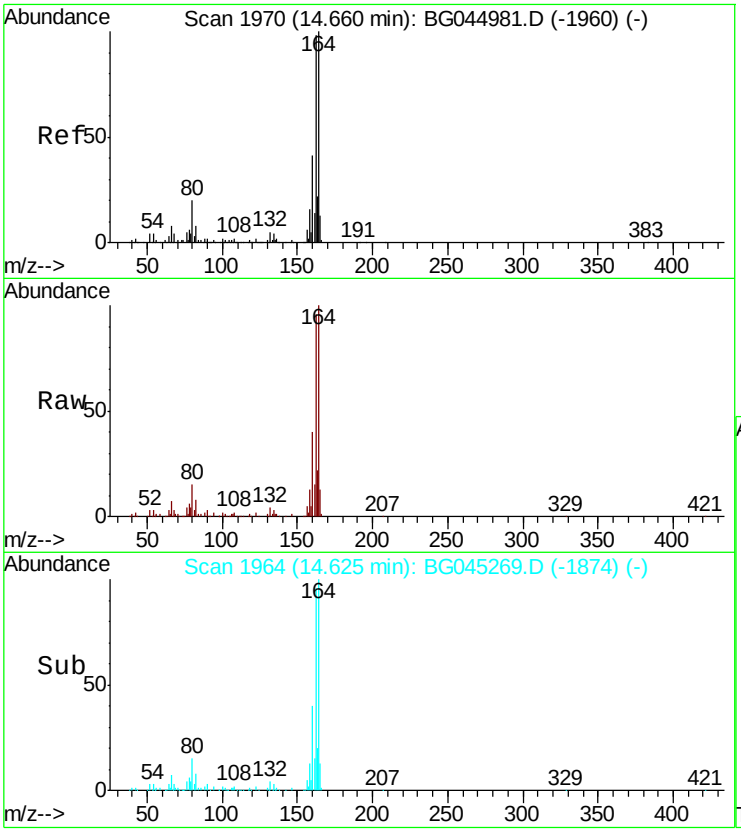


#31
Naphthalene
Concen: 4.343 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Tgt Ion:128 Resp: 57312

Ion	Ratio	Lower	Upper
128	100		
129	9.9	9.4	14.2
127	11.3	10.8	16.2



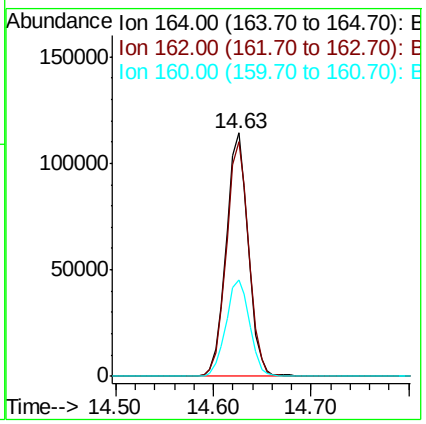


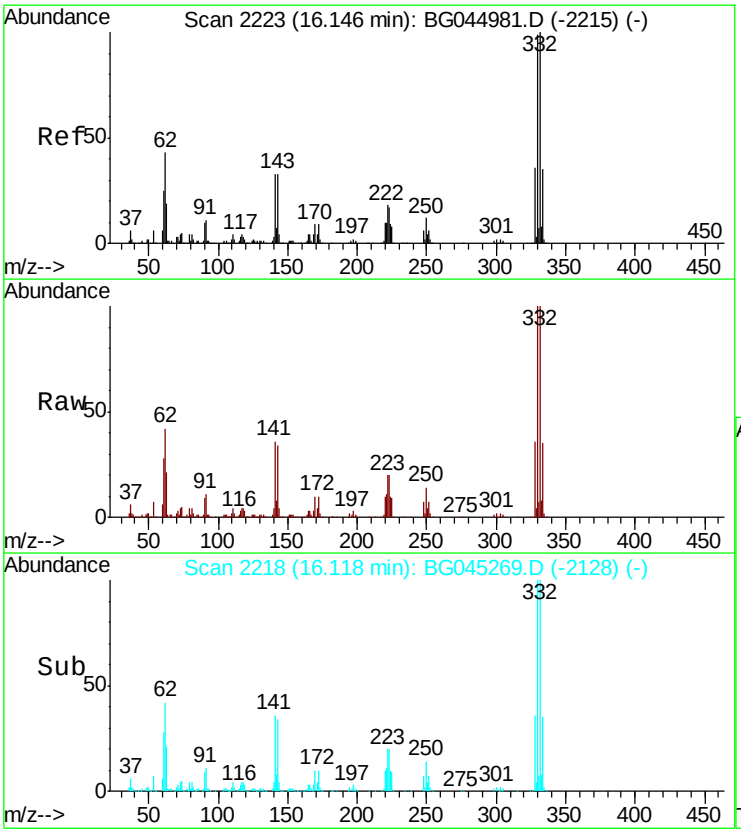
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Instrument :
BNA_G
ClientSampleId :
TP-18A

Tgt Ion:164 Resp: 178942

Ion	Ratio	Lower	Upper
164	100		
162	96.2	78.7	118.1
160	39.7	32.8	49.2

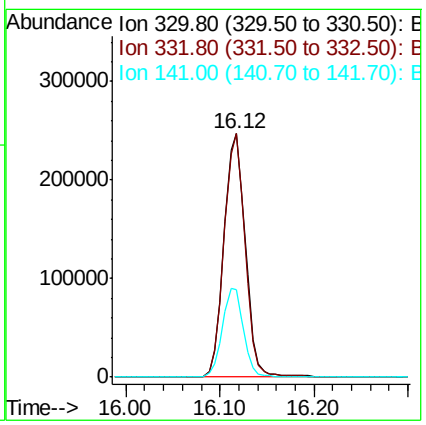


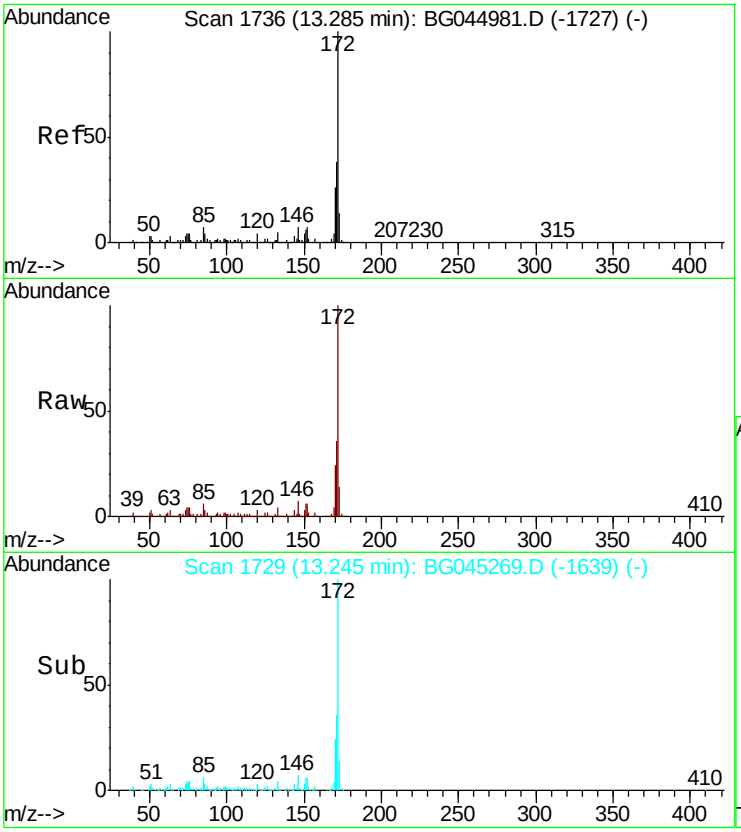


#42
2,4,6-Tribromophenol
Concen: 141.600 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Tgt Ion:330 Resp: 391441

Ion	Ratio	Lower	Upper
330	100		
332	98.1	79.1	118.7
141	36.2	27.1	40.7



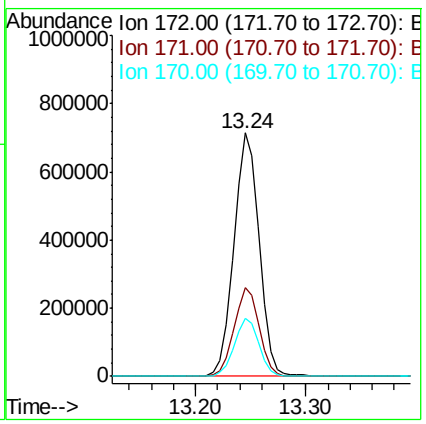


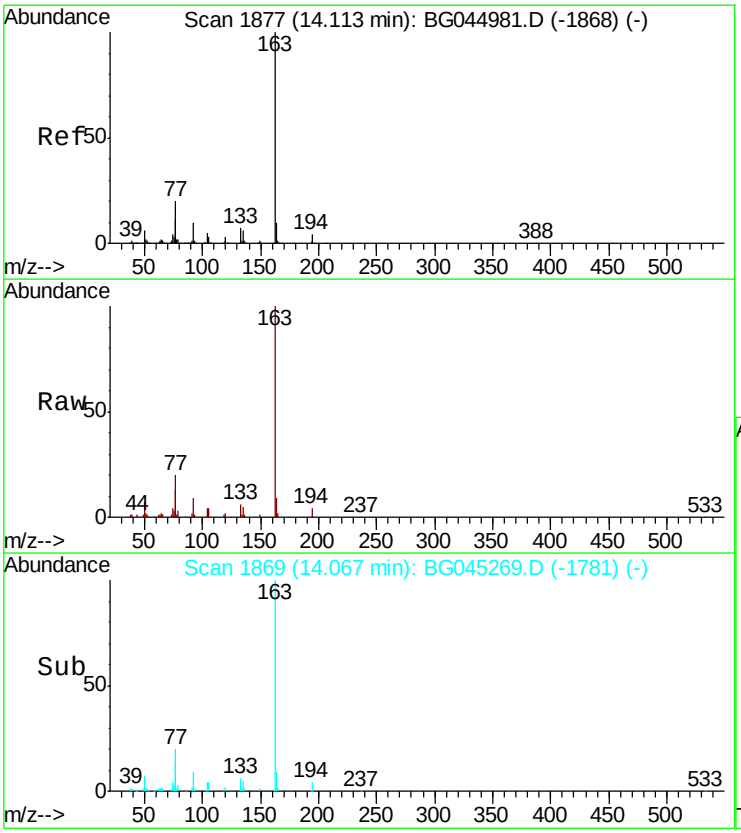
#45
2-Fluorobiphenyl
Concen: 93.998 ng
RT: 13.24 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Instrument :
BNA_G
ClientSampleId :
TP-18A

Tgt Ion:172 Resp: 1147107

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	46.0
170	23.7	20.5	30.7

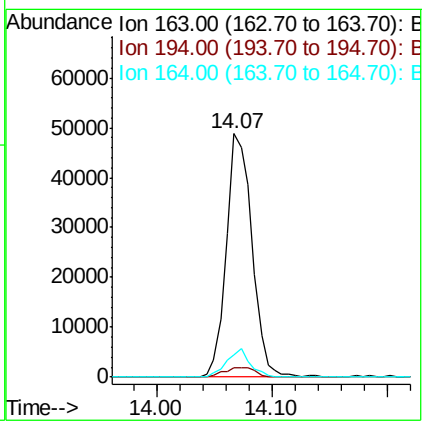


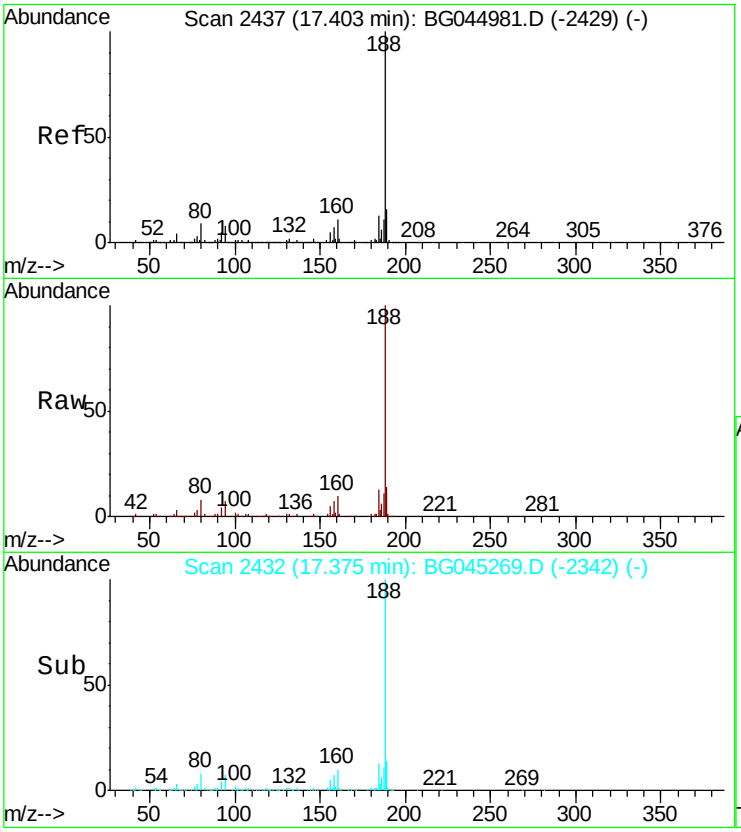


#50
Dimethylphthalate
Concen: 5.173 ng
RT: 14.07 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Tgt Ion:163 Resp: 75369

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	9.3	8.2	12.4



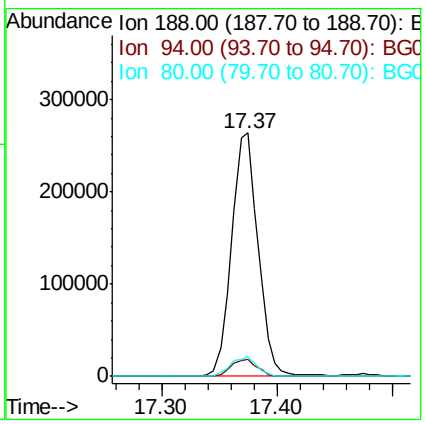


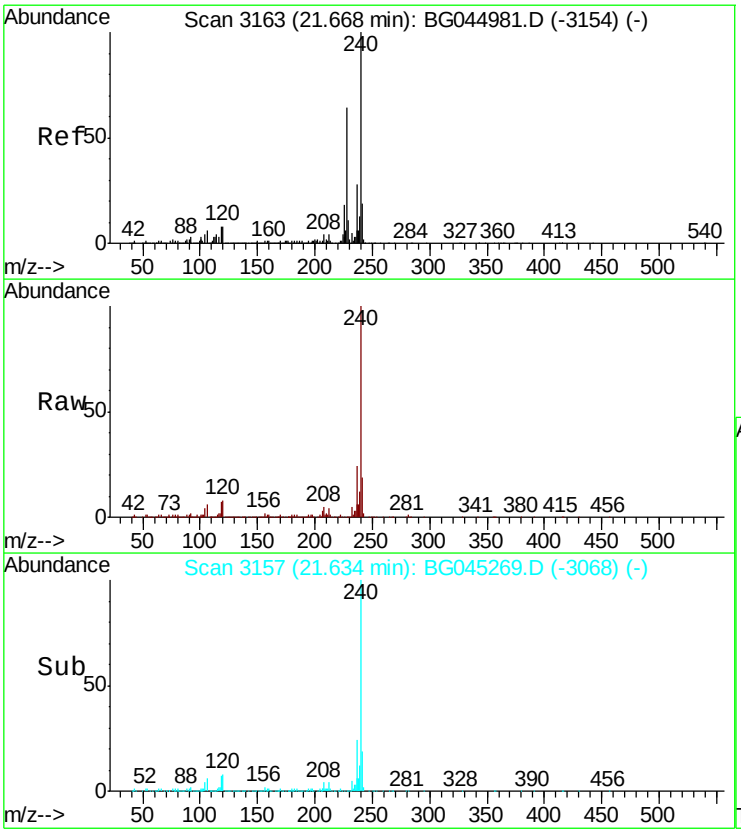
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Instrument :
BNA_G
ClientSampleId :
TP-18A

Tgt Ion:188 Resp: 418584

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.2	9.4
80	8.0	7.0	10.6

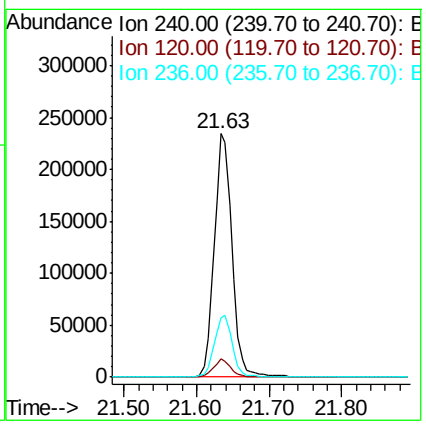


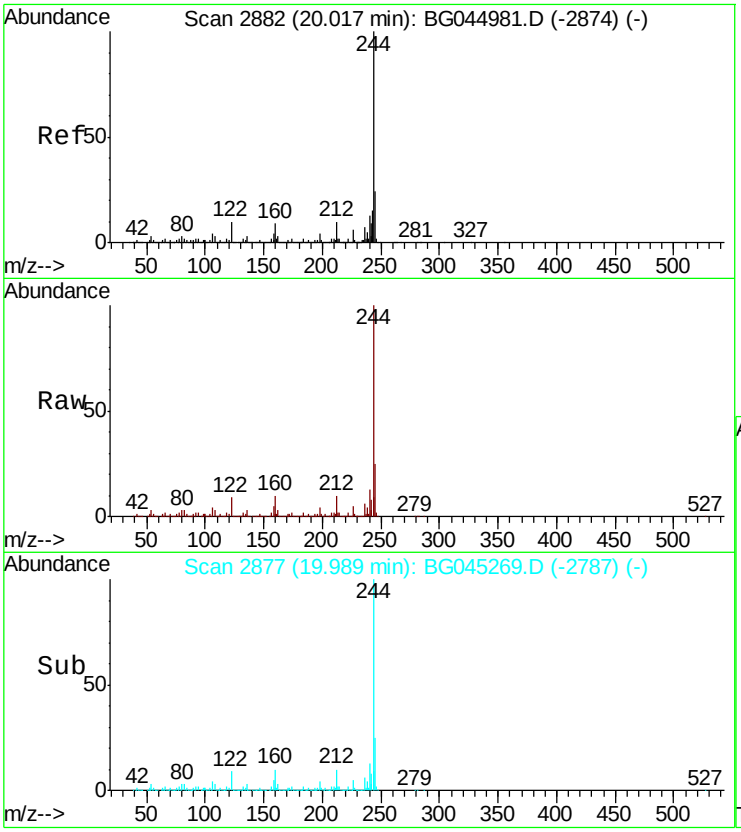


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Tgt Ion:240 Resp: 397473

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.6	10.0
236	24.5	22.2	33.2



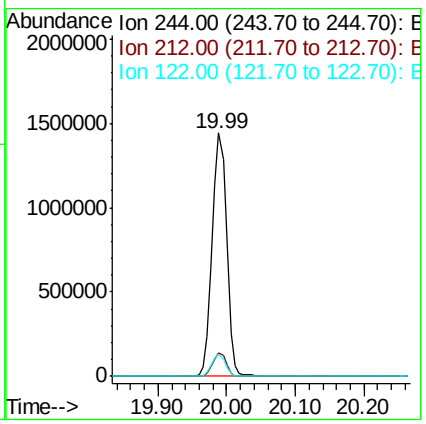


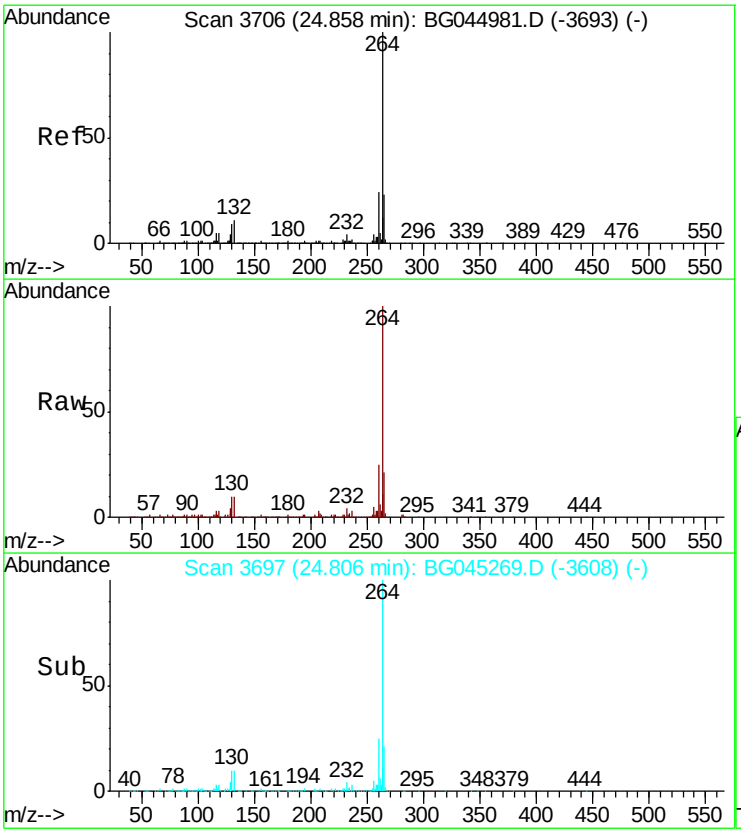
#79
Terphenyl-d14
Concen: 115.406 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.00 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Instrument :
BNA_G
ClientSampleId :
TP-18A

Tgt Ion:244 Resp: 2104573

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	9.2	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG045269.D
Acq: 7 May 2020 14:42

Tgt Ion:264 Resp: 425115

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.0	19.0	28.4