Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
Data File : BG046612.D
Acq On : 14 Sep 2020 20:52
Operator : CG/JU
Sample : L3993-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAV-B38-091120-10-17

Quant Time: Sep 15 01:57:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	67936	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	260107	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	180186	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	464266	20.00	ng	0.00
76) Chrysene-d12	21.55	240	496785	20.00	ng	0.00
86) Perylene-d12	24.64	264	482461	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	378688	98.73	ng	0.00
7) Phenol-d6	7.10	99	448848	82.55	ng	0.00
23) Nitrobenzene-d5	9.08	82	367953	80.85	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	280953	115.08	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	978546	82.90	ng	0.00
79) Terphenyl-d14	19.91	244	1738610	74.48	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.13	94	17036	3.402	ng	88
50) Dimethylphthalate	14.01	163	105202	7.547	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
Data File : BG046612.D
Acq On : 14 Sep 2020 20:52
Operator : CG/JU
Sample : L3993-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
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Quant Time: Sep 15 01:57:27 2020
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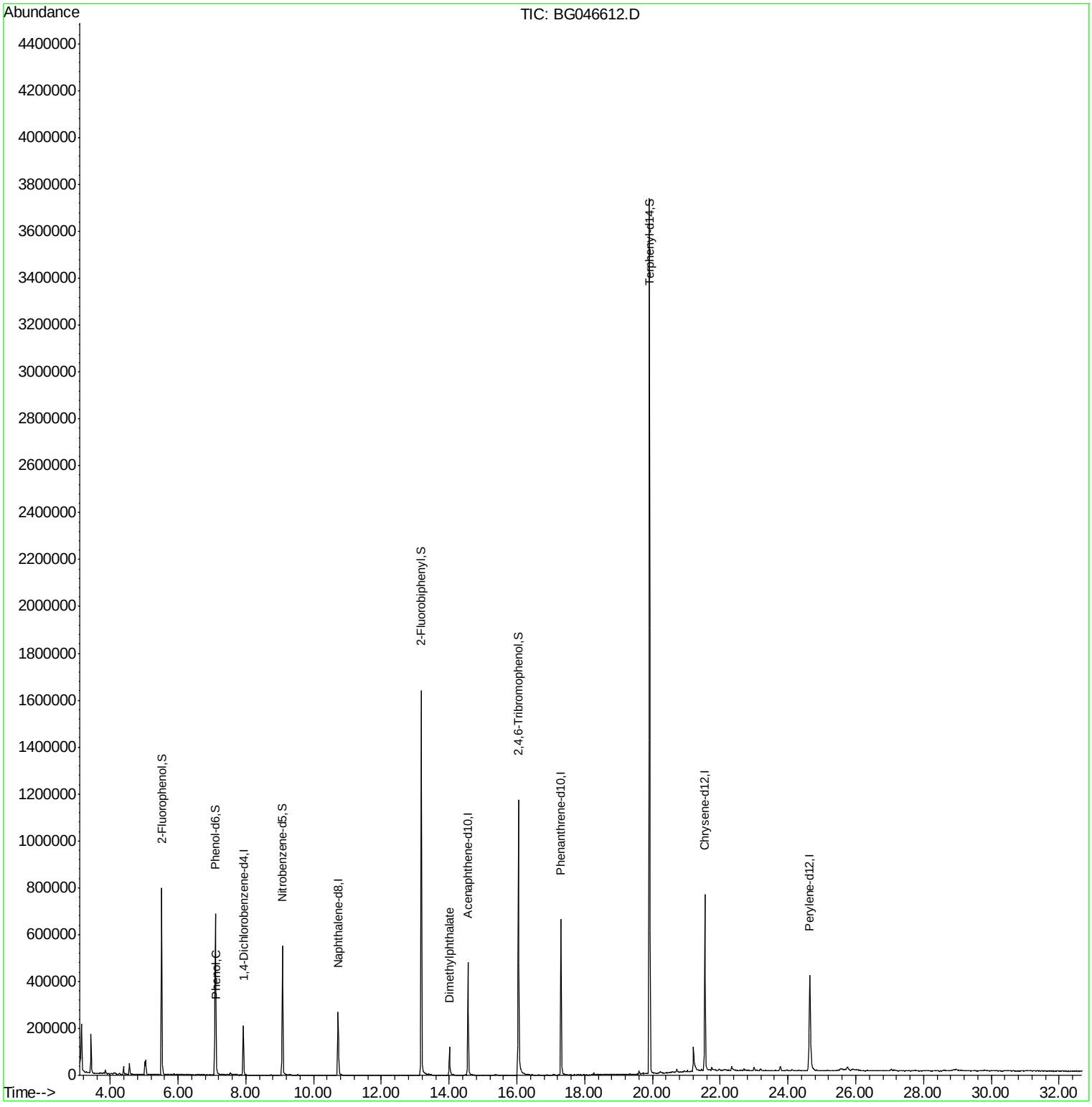
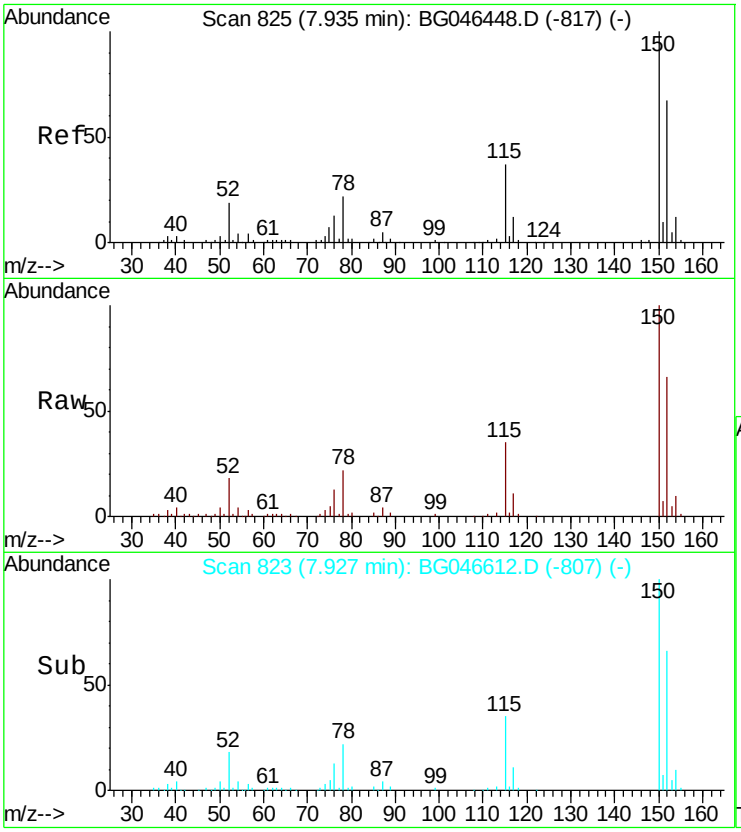
Response via : Initial Calibration



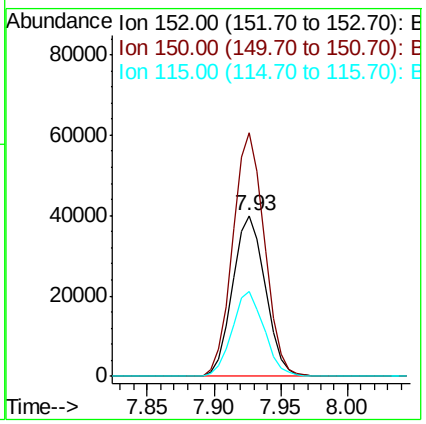


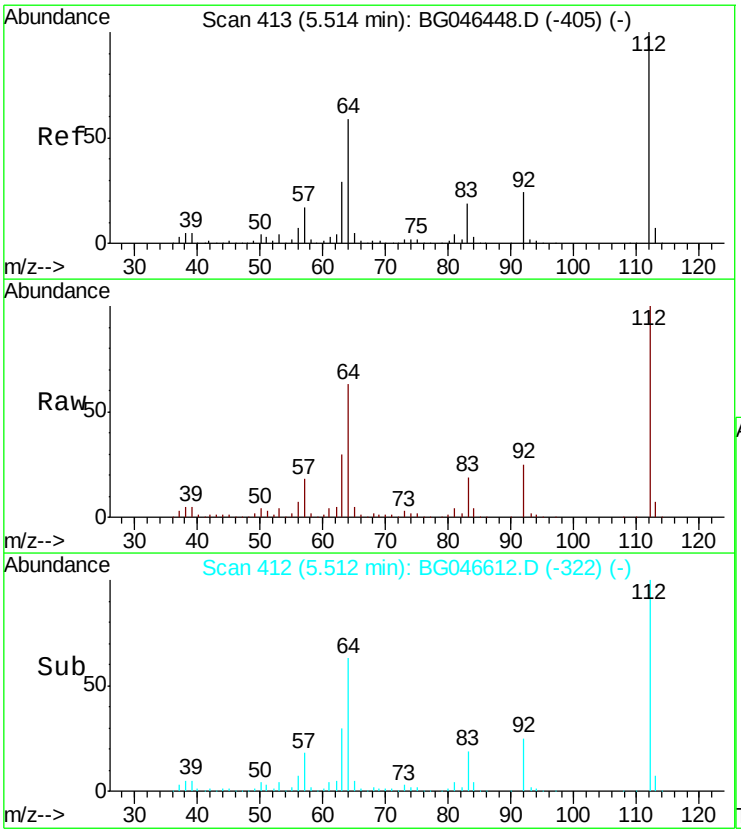
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Instrument :
BNA_G
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:152 Resp: 67936

Ion	Ratio	Lower	Upper
152	100		
150	151.4	119.5	179.3
115	52.7	44.3	66.5

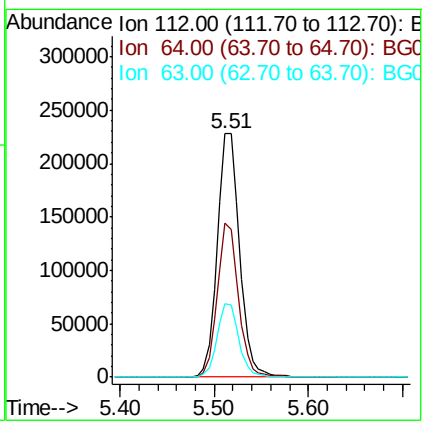


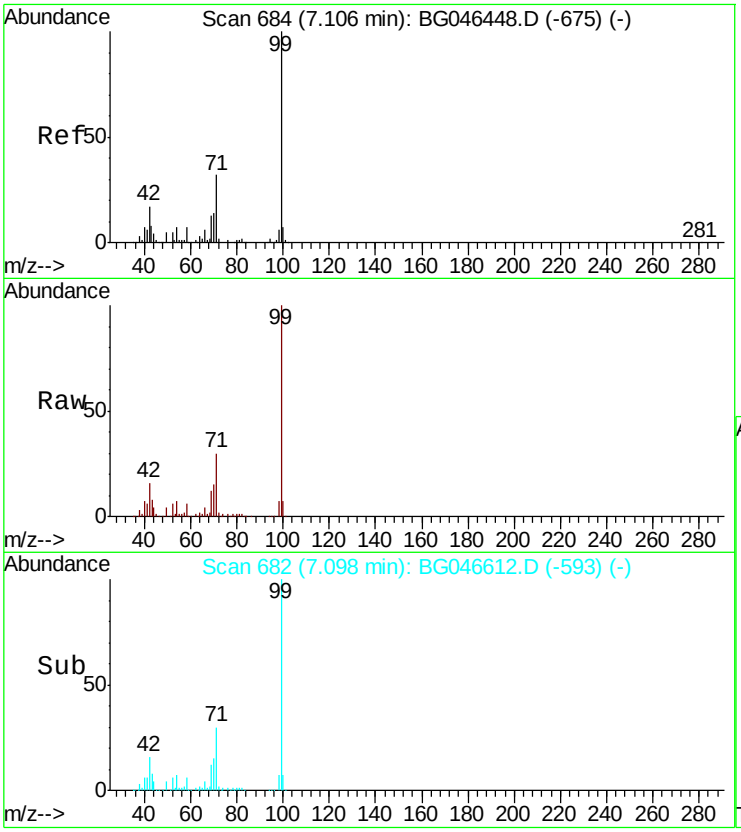


#5
2-Fluorophenol
Concen: 98.729 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Tgt Ion:112 Resp: 378688

Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.0	70.6
63	30.3	23.5	35.3



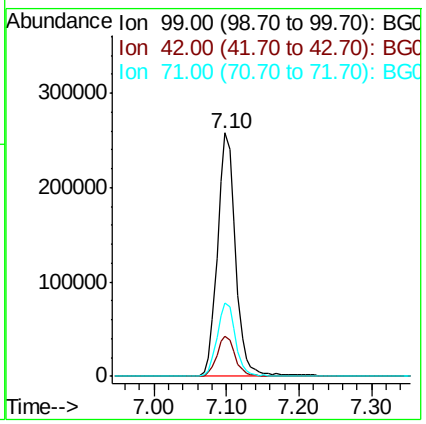


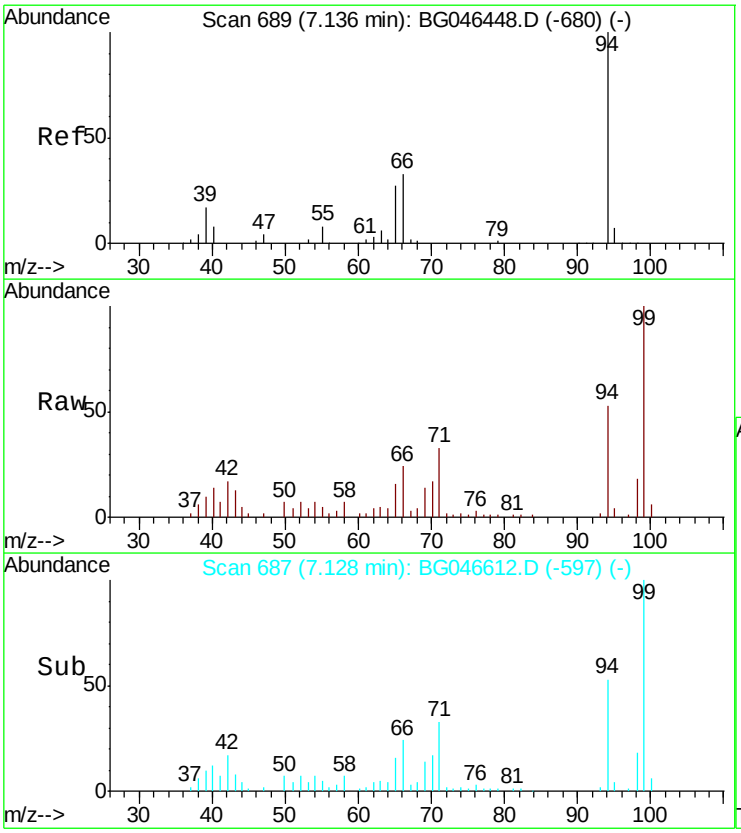
#7
Phenol-d6
Concen: 82.548 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Instrument :
BNA_G
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion: 99 Resp: 448848

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.3	19.9
71	30.4	25.3	37.9

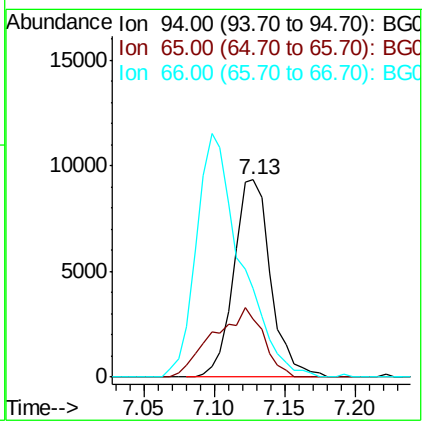


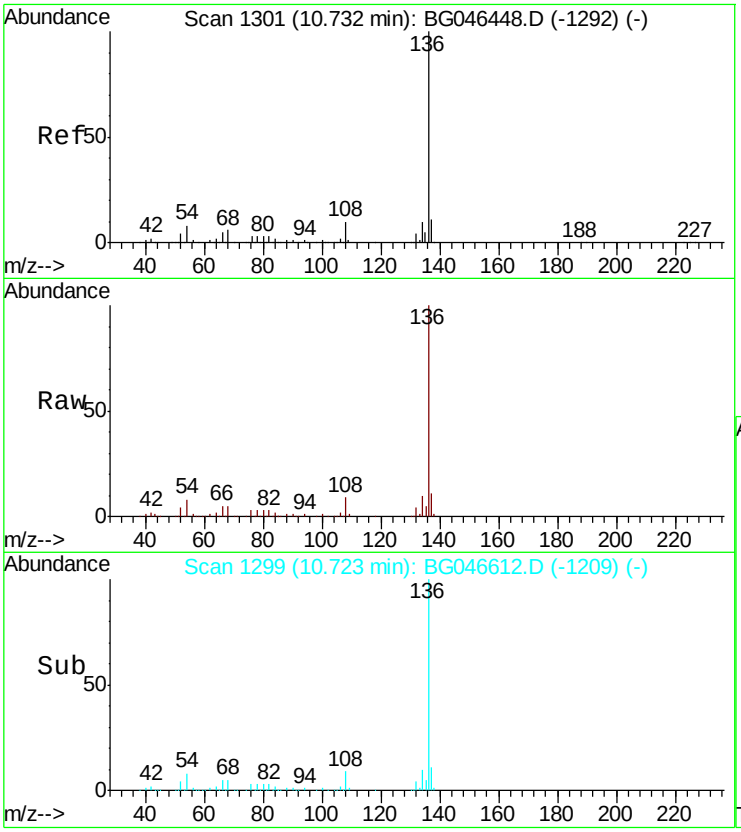


#10
Phenol
Concen: 3.402 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.00 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Tgt Ion: 94 Resp: 17036

Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.5	47.5
66	45.0	14.1	54.1



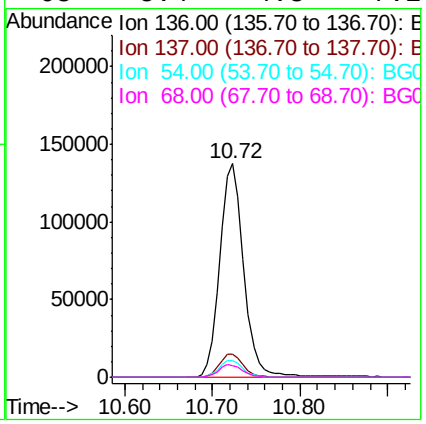


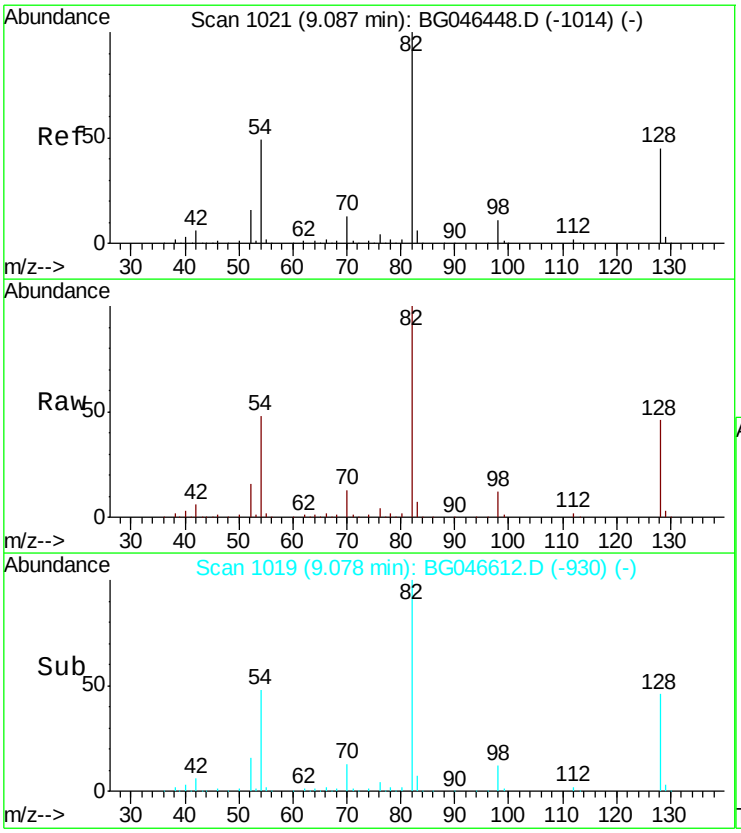
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Instrument :
BNA_G
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:136 Resp: 260107

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	6.1	9.1
68	5.4	4.8	7.2

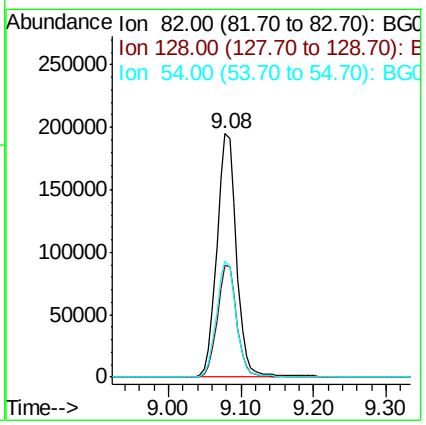


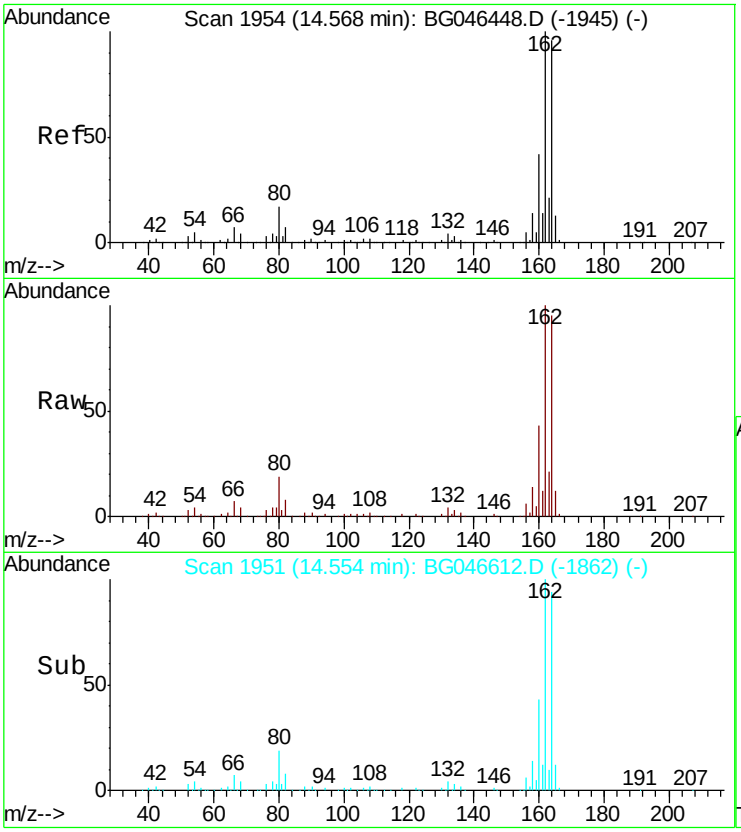


#23
Nitrobenzene-d5
Concen: 80.853 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Tgt Ion: 82 Resp: 367953

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.7	53.5
54	47.7	39.4	59.0



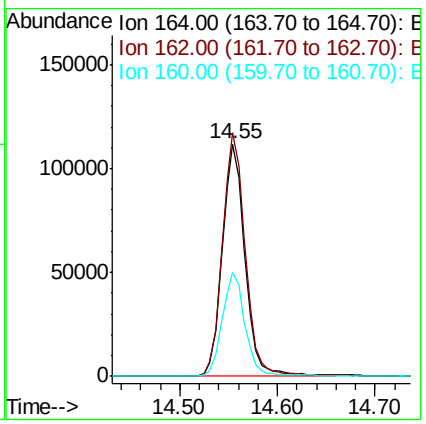


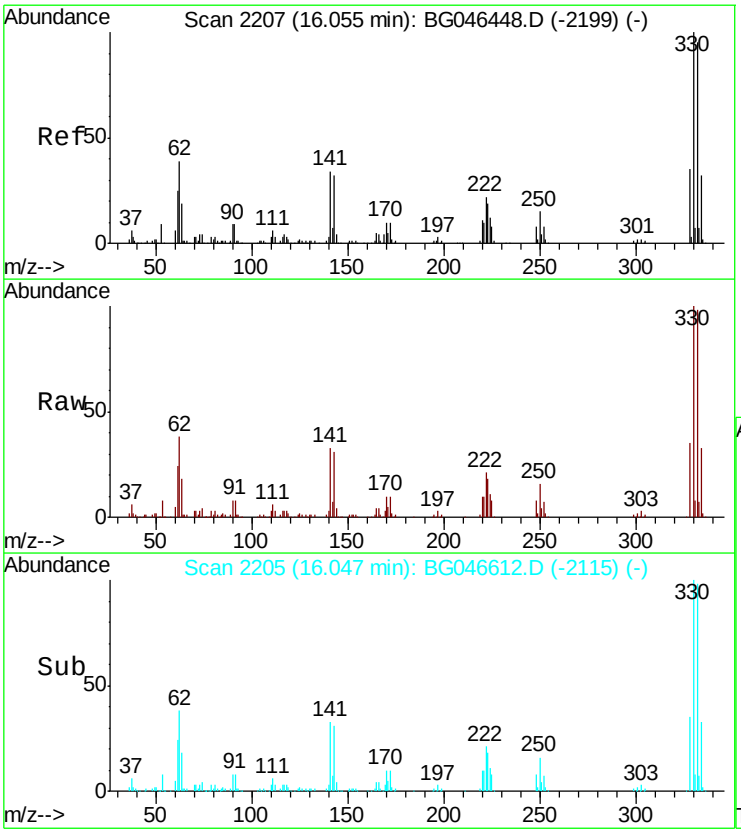
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Instrument :
BNA_G
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:164 Resp: 180186

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.3	124.9
160	45.0	35.0	52.6

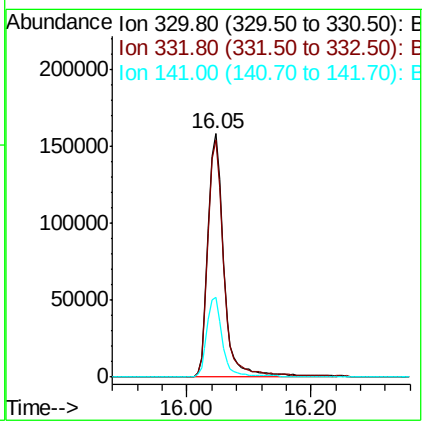


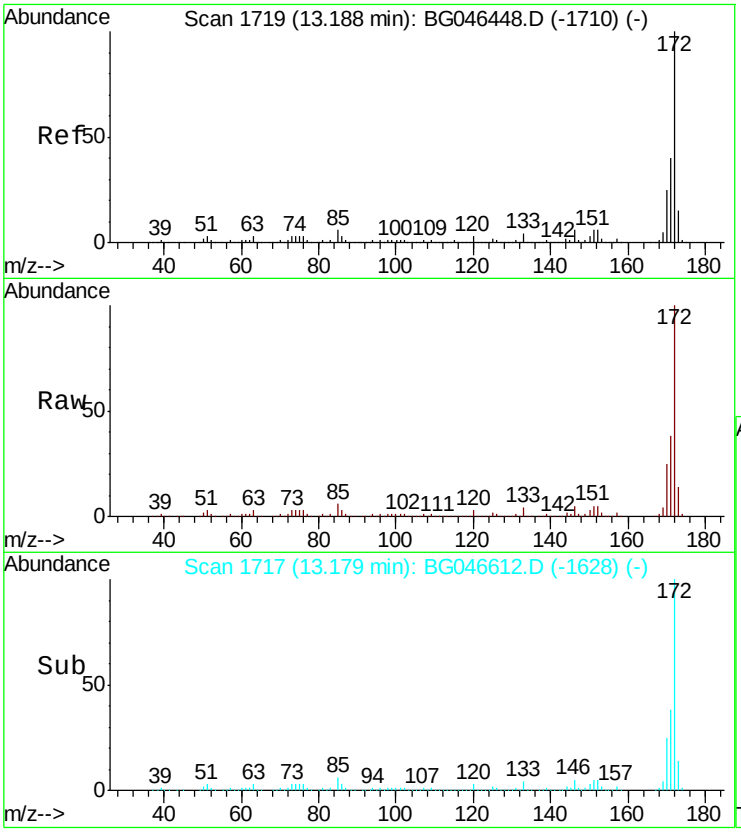


#42
2,4,6-Tribromophenol
Concen: 115.079 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Tgt Ion:330 Resp: 280953

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	33.0	26.1	39.1



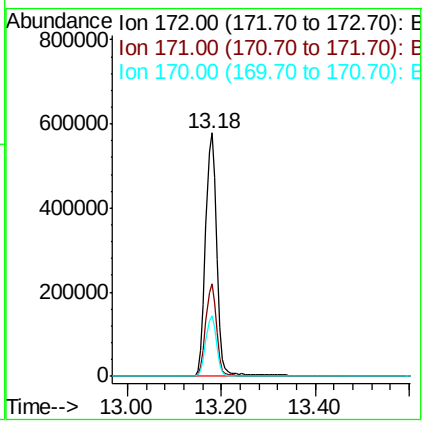


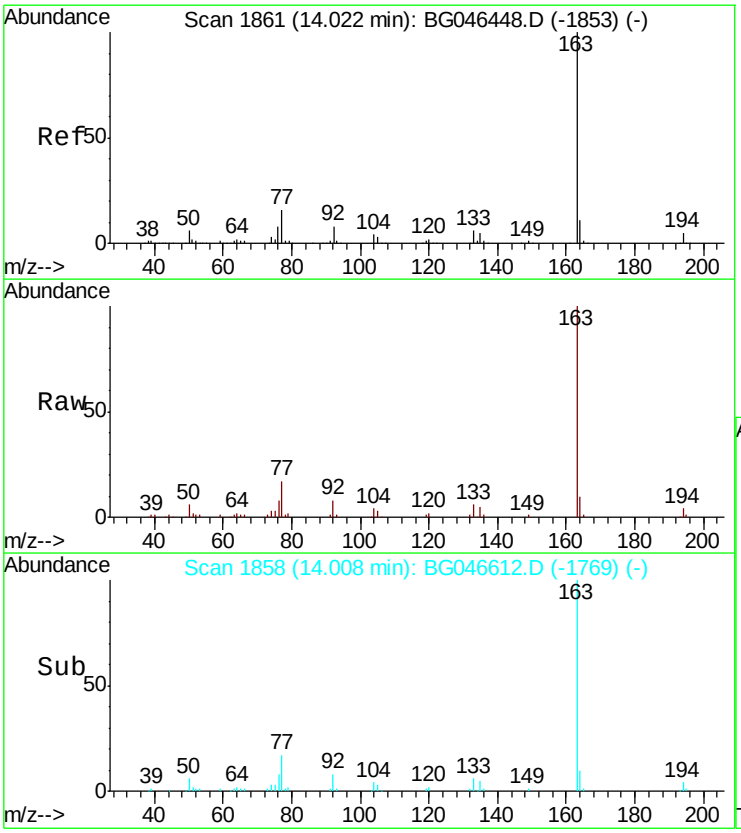
#45
2-Fluorobiphenyl
Concen: 82.904 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Instrument :
BNA_G
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:172 Resp: 978546

Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.8	47.6
170	24.7	20.3	30.5

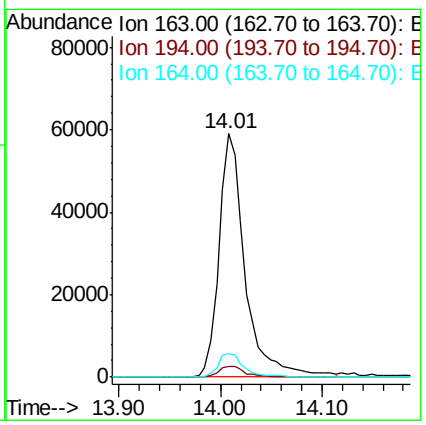


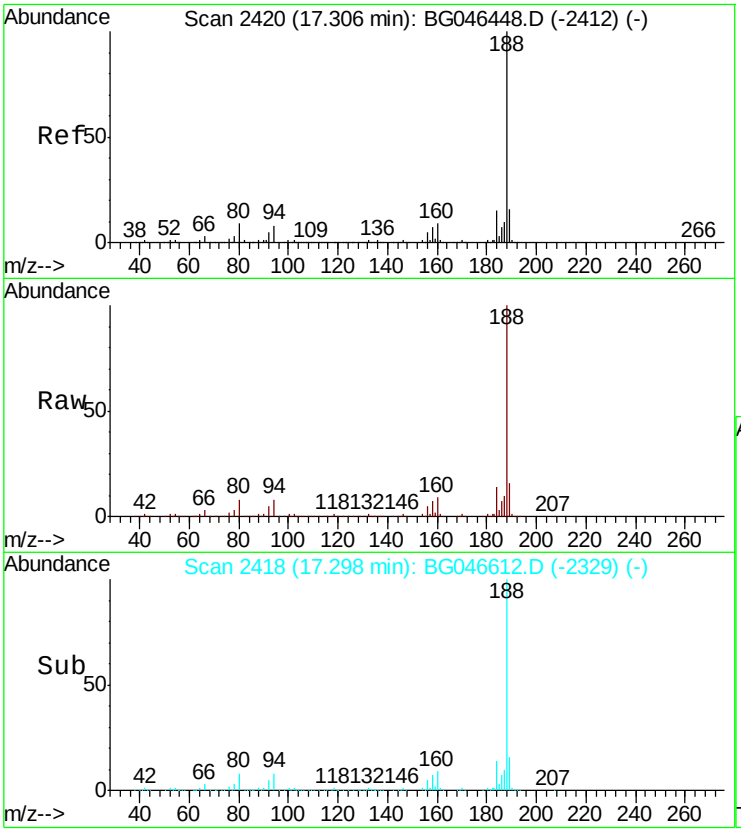


#50
Dimethylphthalate
Concen: 7.547 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Tgt Ion:163 Resp: 105202

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	9.5	8.6	12.8



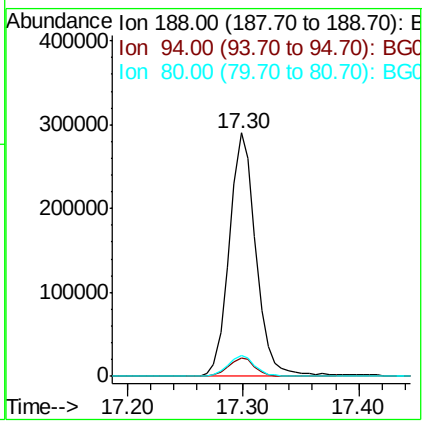


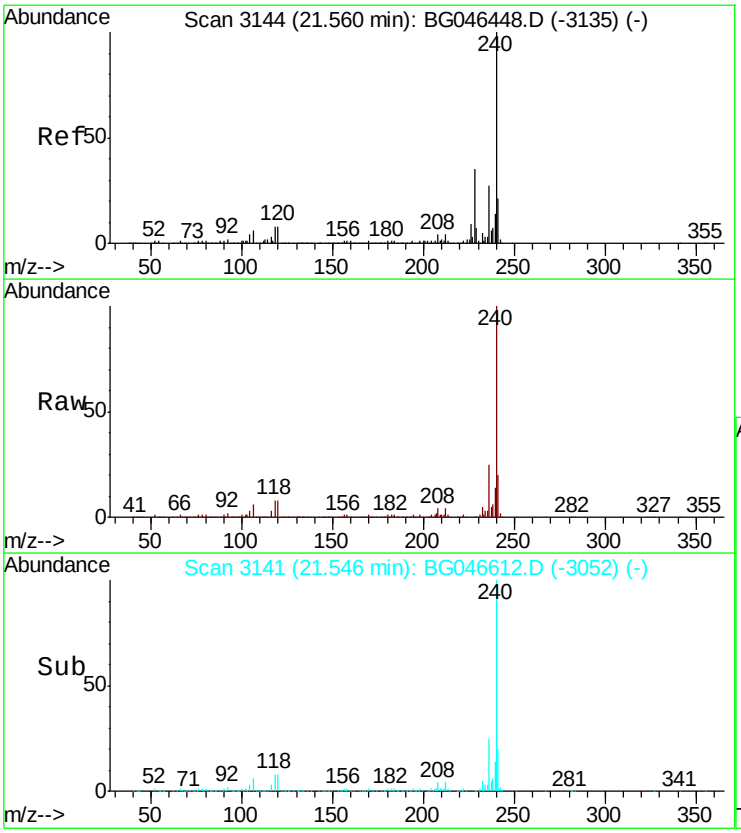
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Instrument :
BNA_G
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:188 Resp: 464266

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.3	9.5
80	8.4	6.9	10.3

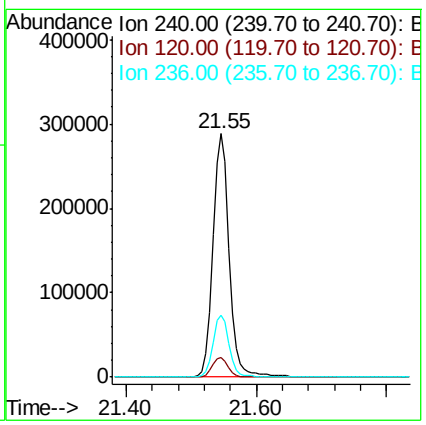


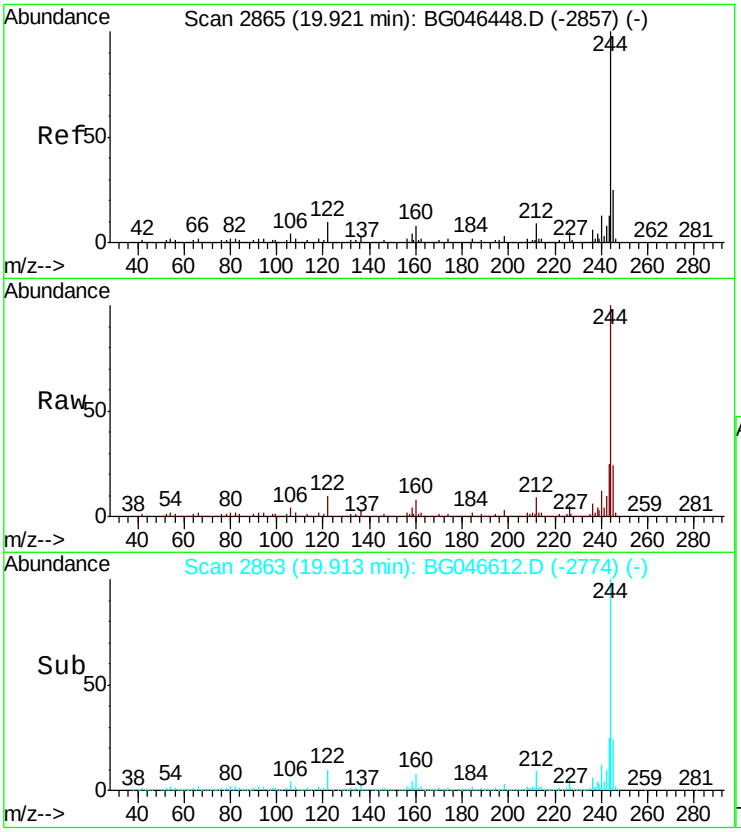


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Tgt Ion:240 Resp: 496785

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.6	10.0
236	25.4	21.4	32.2



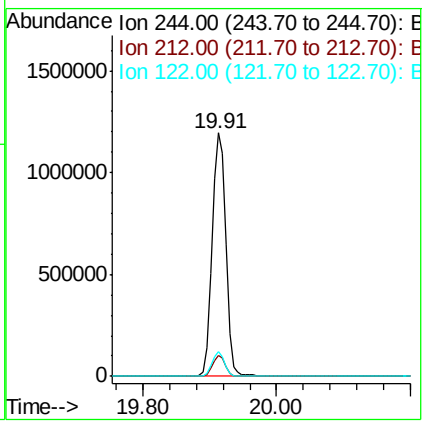


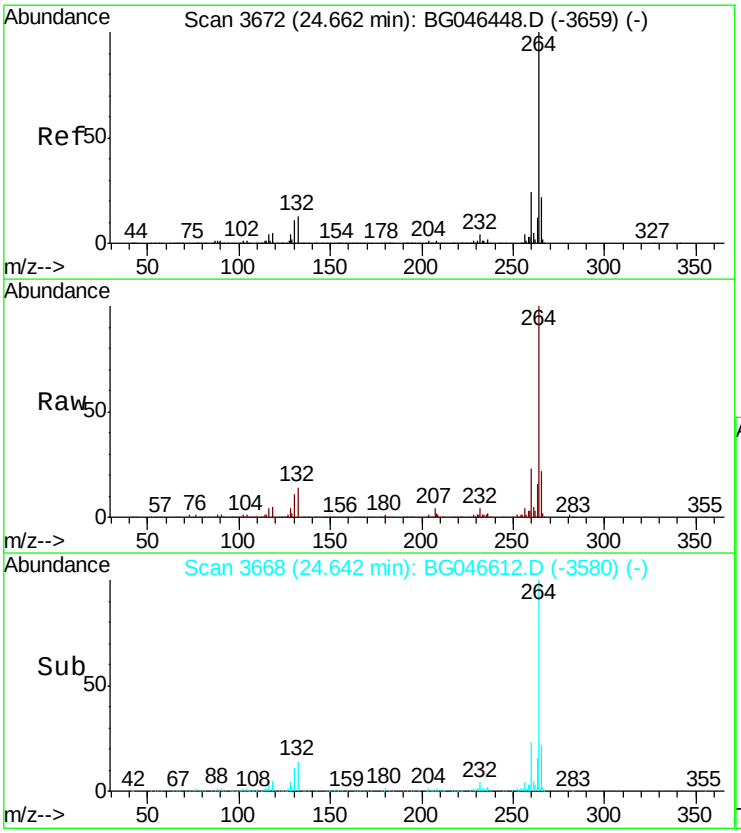
#79
Terphenyl-d14
Concen: 74.480 ng
RT: 19.91 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Instrument :
BNA_G
ClientSampleId :
PAV-B38-091120-10-17

Tgt Ion:244 Resp: 1738610

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	10.0	8.2	12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BG046612.D
Acq: 14 Sep 2020 20:52

Tgt Ion:264 Resp: 482461

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.4	17.9	26.9