Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045168.D
Acq On : 24 Apr 2020 19:43
Operator : CG/JU
Sample : L2399-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP1-B

Quant Time: Apr 25 01:33:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:58:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	69384	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	271574	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	199883	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	474606	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	464525	20.00	ng	-0.01
87) Perylene-d12	24.81	264	487002	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	283929	67.56	ng	-0.01
7) Phenol-d6	7.17	99	423159	67.77	ng	0.00
23) Nitrobenzene-d5	9.16	82	289363	48.62	ng	-0.01
42) 2,4,6-Tribromophenol	16.12	330	228083	73.86	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	697860	51.19	ng	-0.01
79) Terphenyl-d14	20.00	244	1246838	58.50	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.09	163	107165	6.584	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	495259	27.127	ng	96

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

Quantitation Report (LSC Reviewed)

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Data File : BG045168.D
Acq On : 24 Apr 2020 19:43
Operator : CG/JU
Sample : L2399-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1-B

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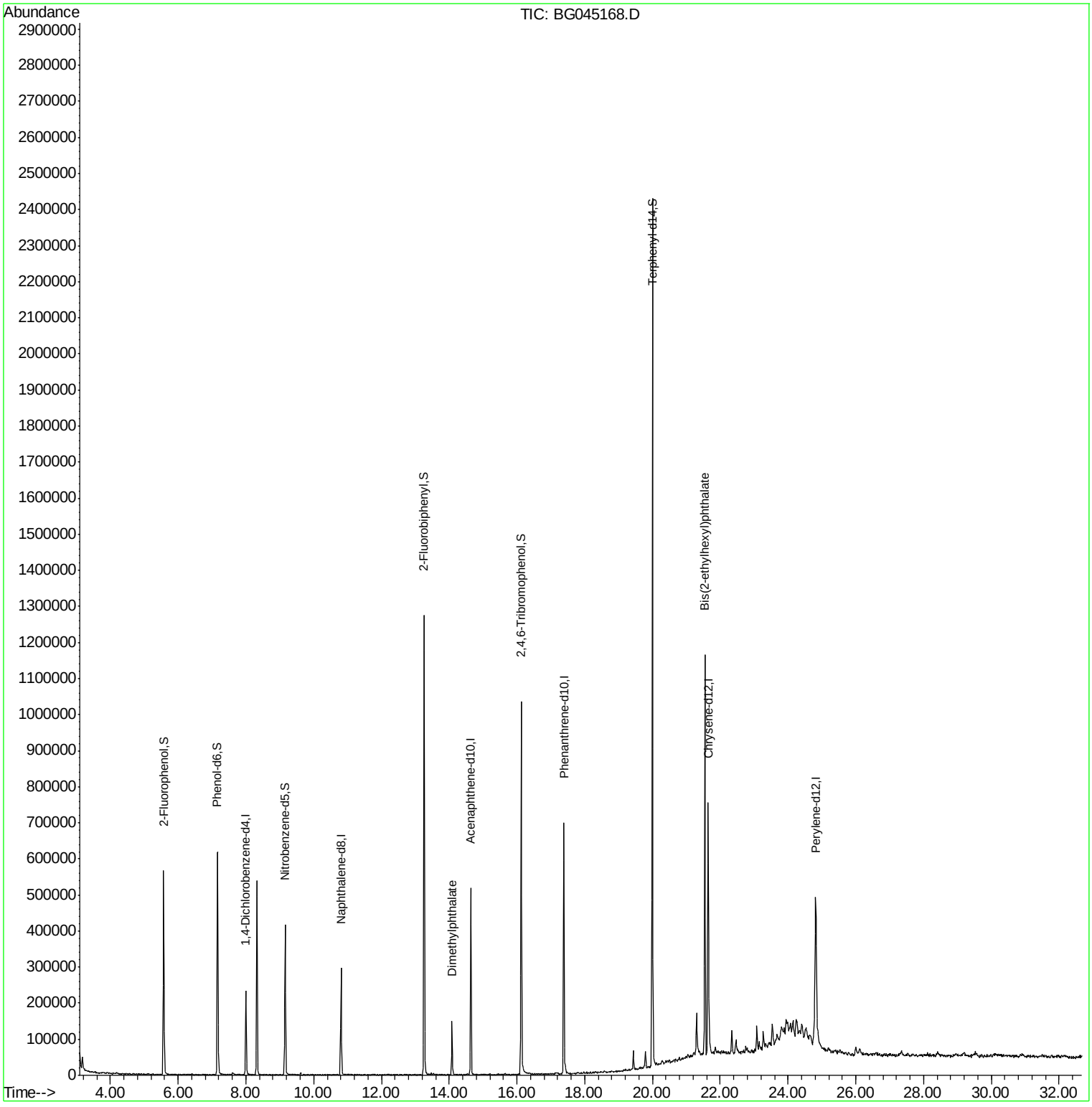
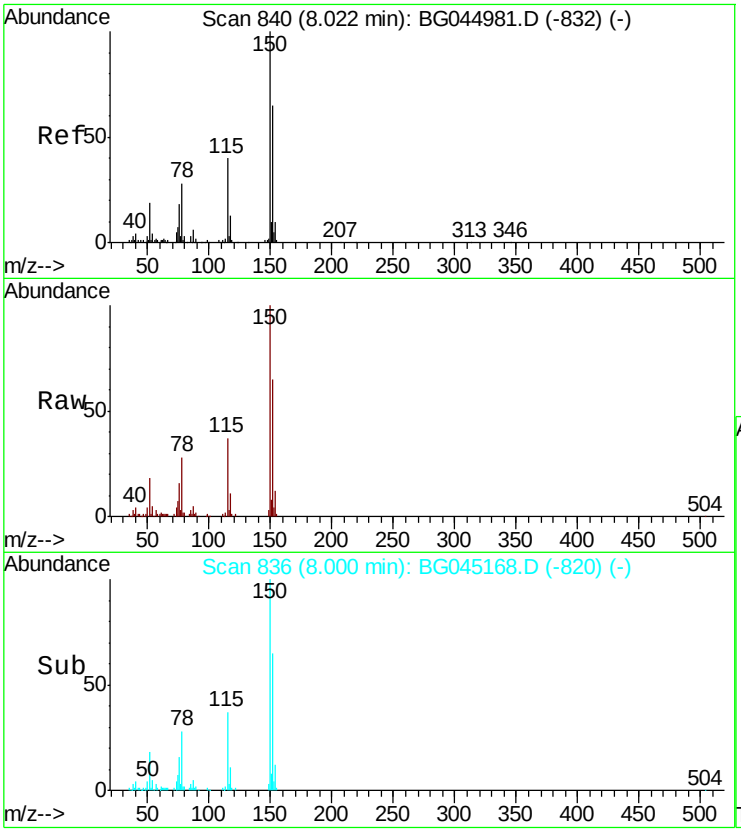


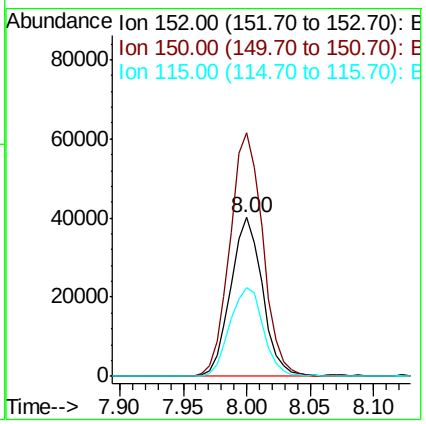


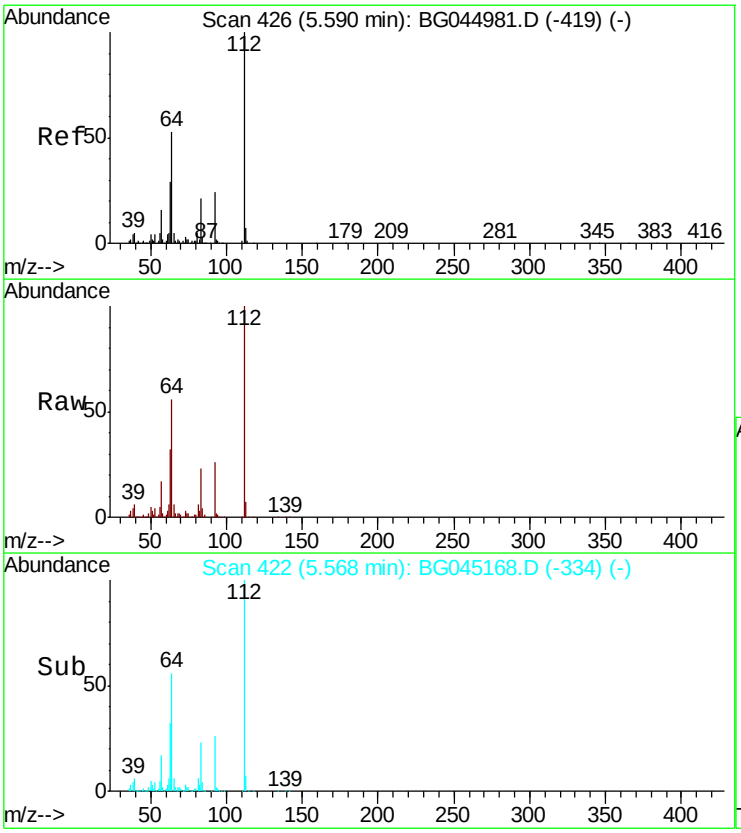
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :
SP1-B

Tgt Ion:152 Resp: 69384

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.6	185.4
115	56.1	49.1	73.7

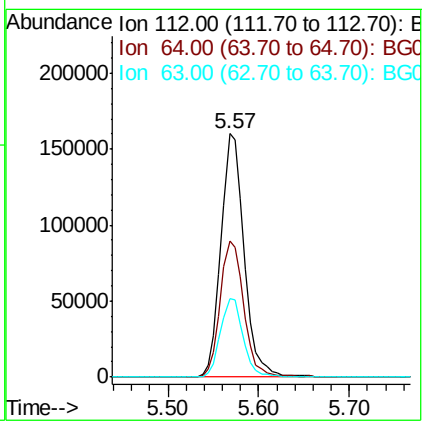


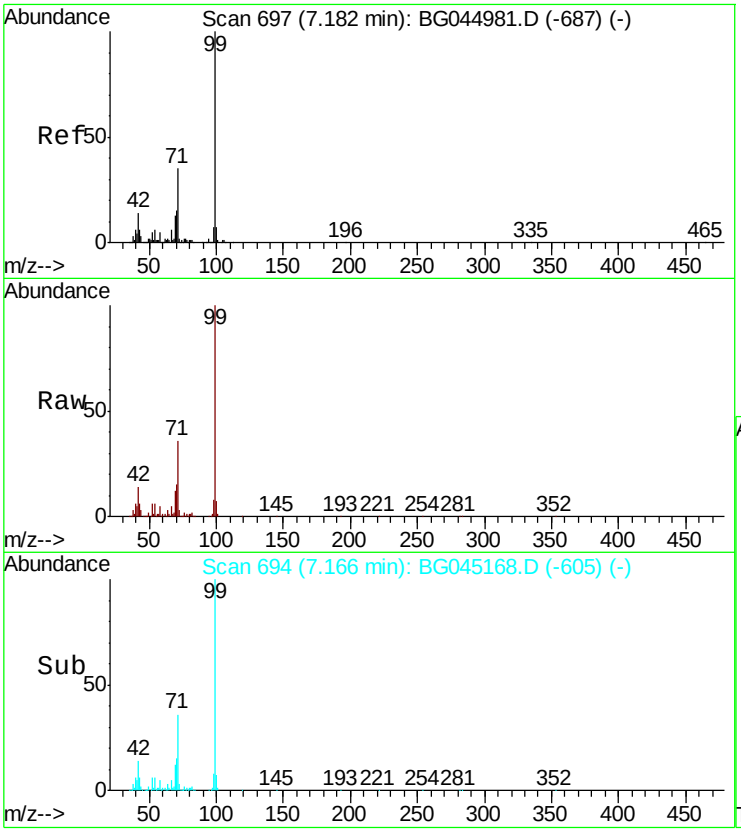


#5
2-Fluorophenol
Concen: 67.559 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Tgt Ion:112 Resp: 283929

Ion	Ratio	Lower	Upper
112	100		
64	55.9	42.4	63.6
63	32.3	23.1	34.7



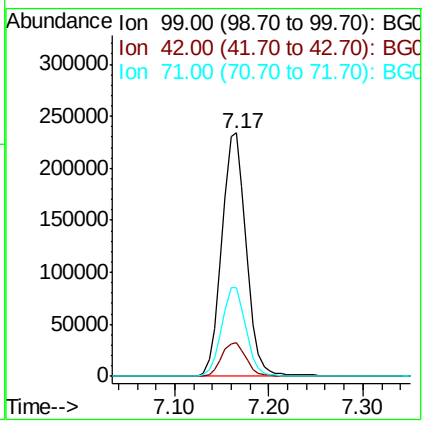


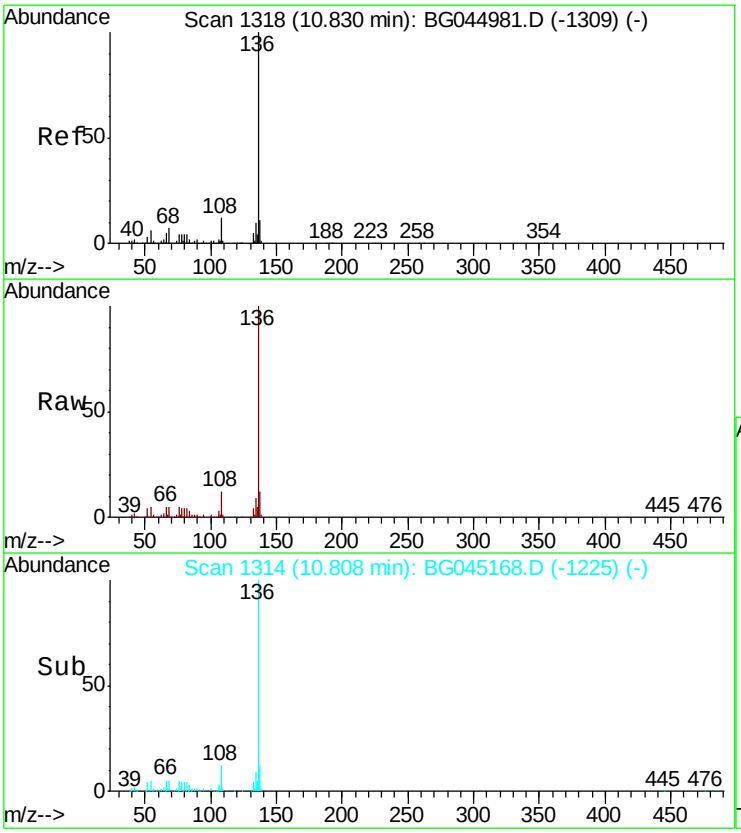
#7
Phenol-d6
Concen: 67.769 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :
SP1-B

Tgt Ion: 99 Resp: 423159

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.3	16.9
71	36.3	28.3	42.5

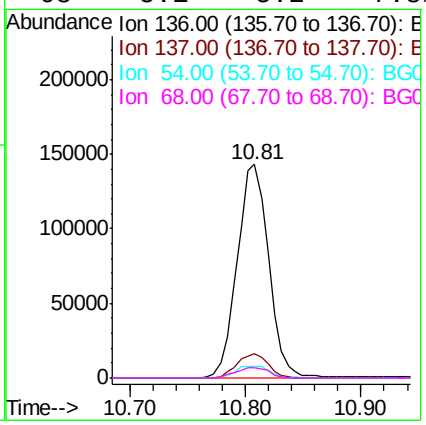


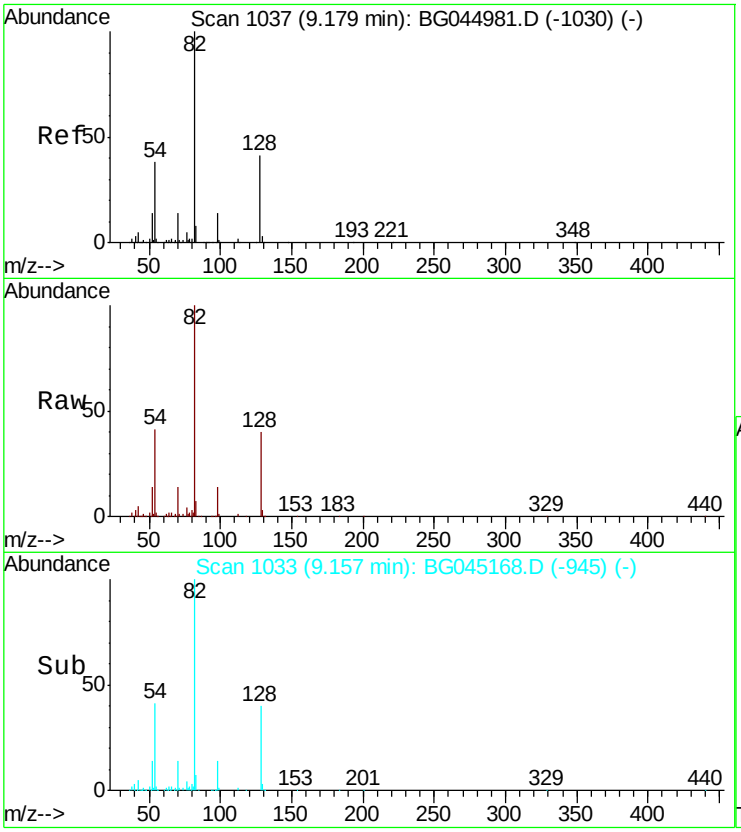


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Tgt Ion:136 Resp: 271574

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	5.4	4.8	7.2
68	5.1	5.2	7.8#



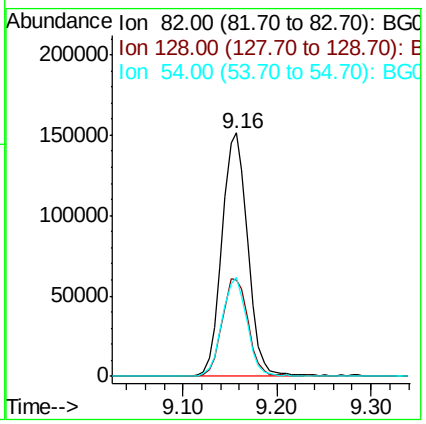


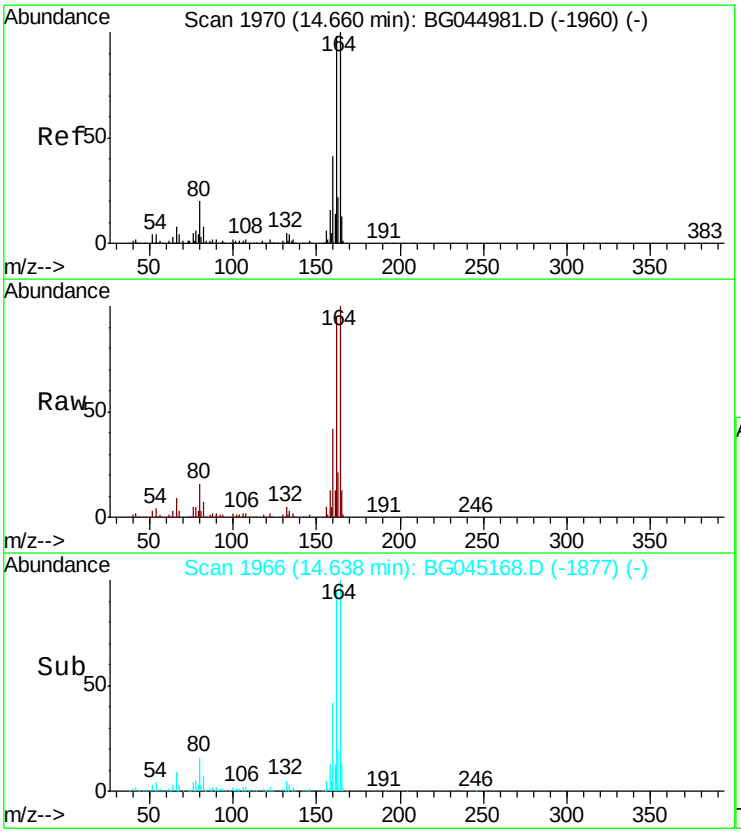
#23
Nitrobenzene-d5
Concen: 48.618 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :
SP1-B

Tgt Ion: 82 Resp: 289363

Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.0	49.4
54	40.6	30.4	45.6

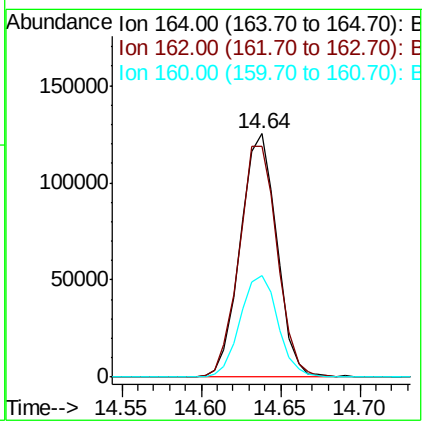


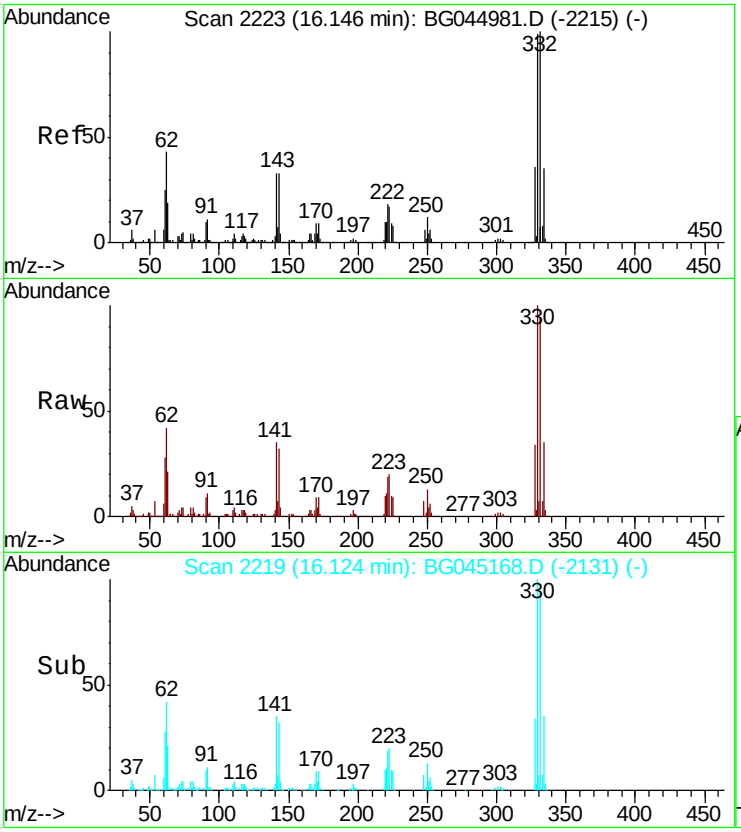


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Tgt Ion:164 Resp: 199883

Ion	Ratio	Lower	Upper
164	100		
162	95.1	78.7	118.1
160	41.7	32.8	49.2



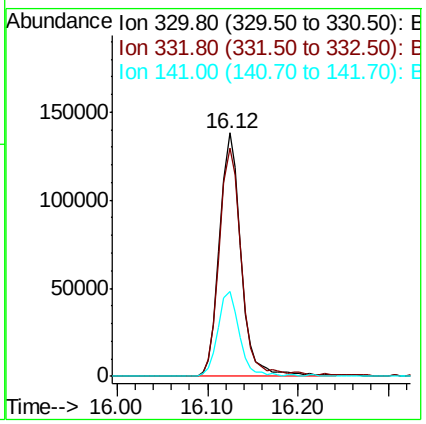


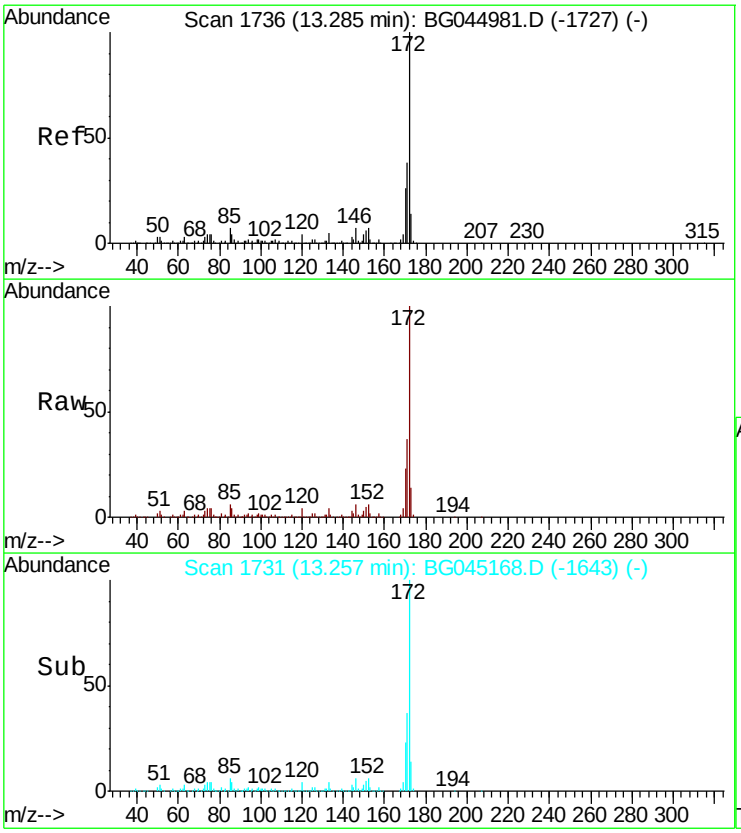
#42
2,4,6-Tribromophenol
Concen: 73.863 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :
SP1-B

Tgt Ion:330 Resp: 228083

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.1	118.7
141	34.8	27.1	40.7

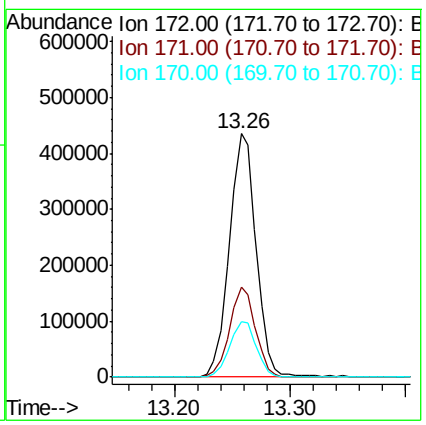


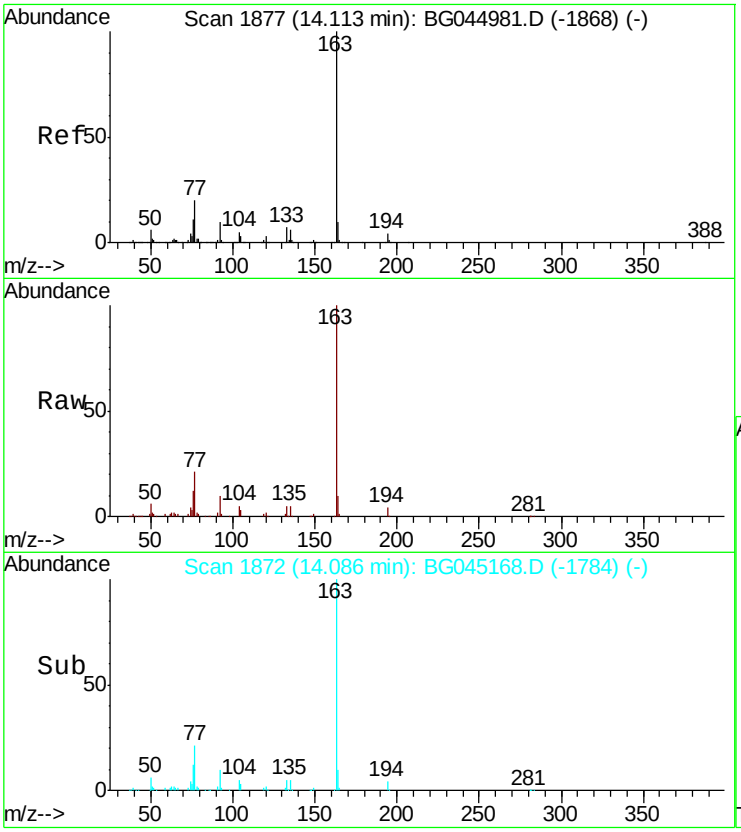


#45
2-Fluorobiphenyl
Concen: 51.194 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Tgt Ion:172 Resp: 697860

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	46.0
170	22.9	20.5	30.7



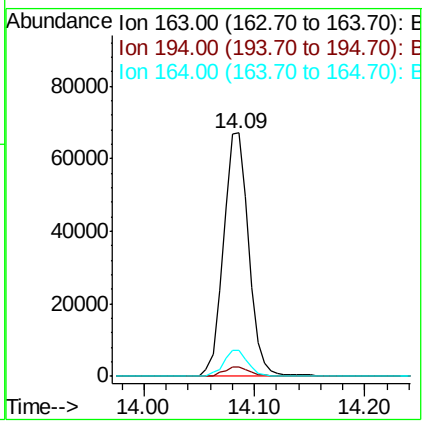


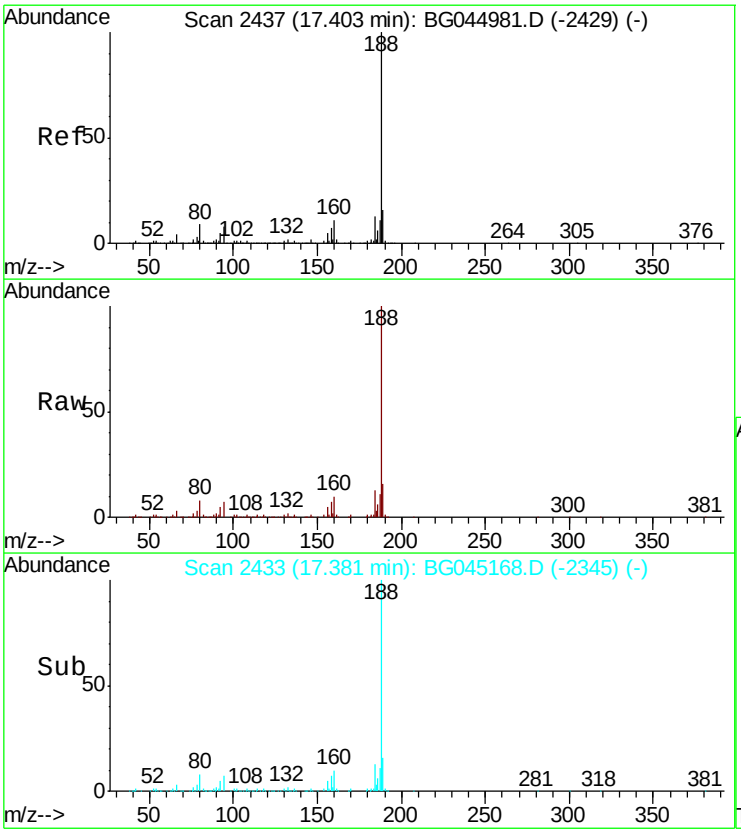
#50
Dimethylphthalate
Concen: 6.584 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :
SP1-B

Tgt Ion:163 Resp: 107165

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.4	8.2	12.4

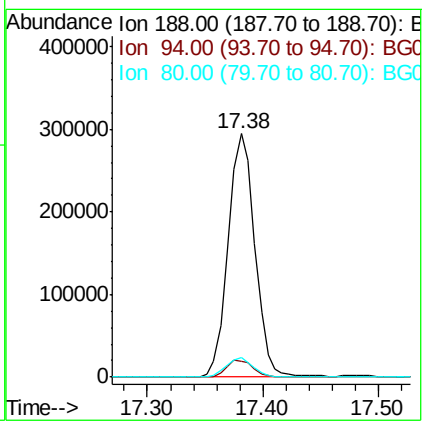


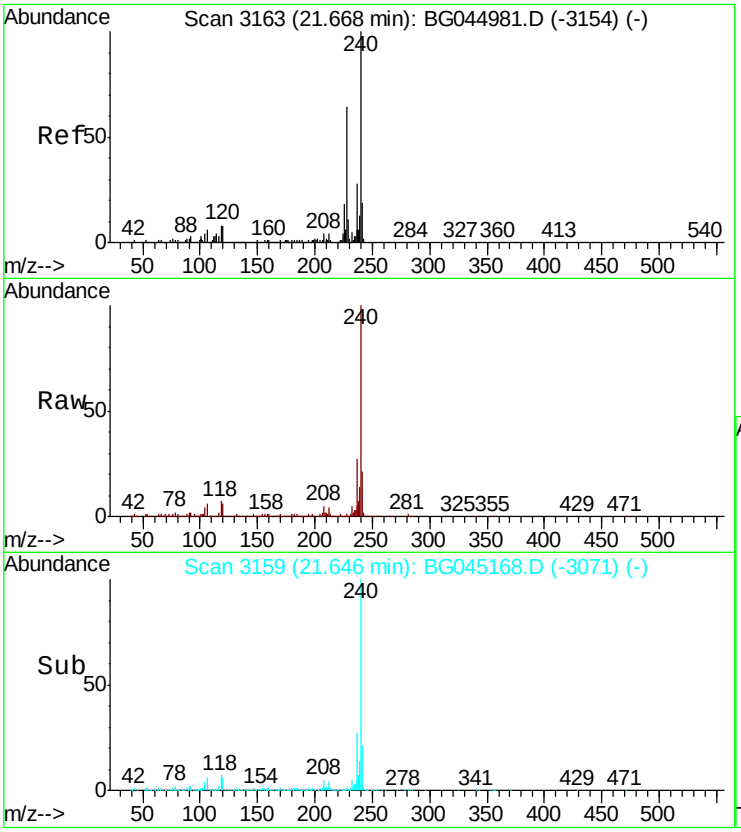


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Tgt Ion:188 Resp: 474606

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.2	9.4
80	8.2	7.0	10.6



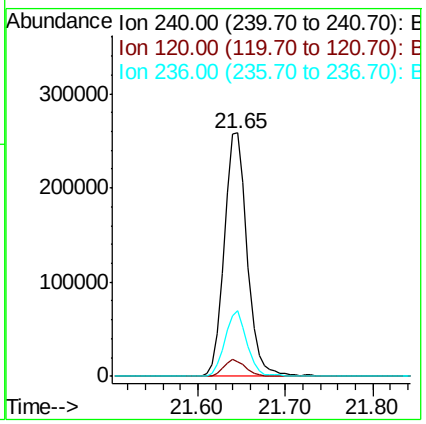


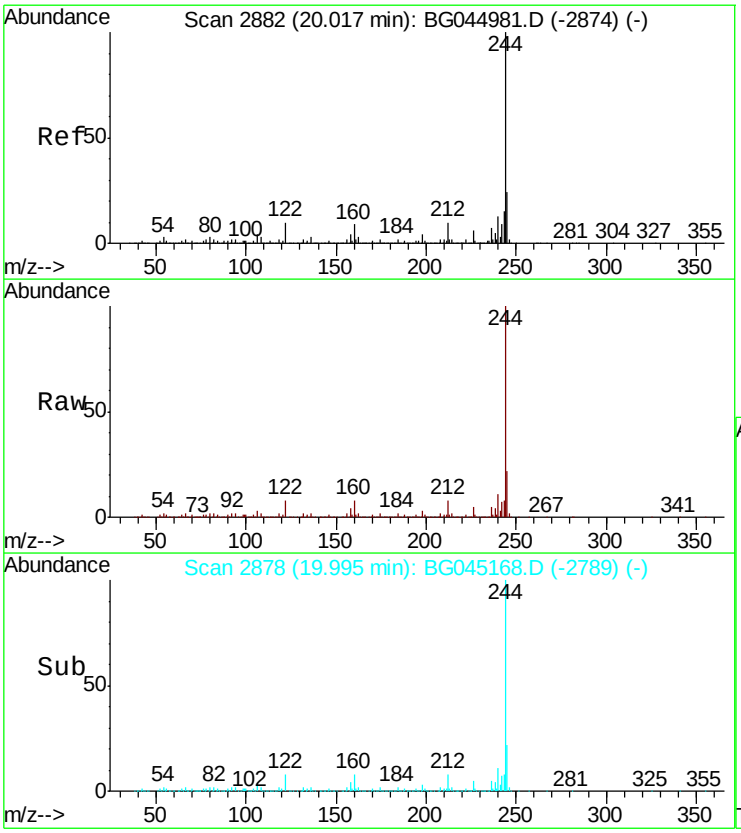
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :
SP1-B

Tgt Ion:240 Resp: 464525

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.6	10.0#
236	27.0	22.2	33.2

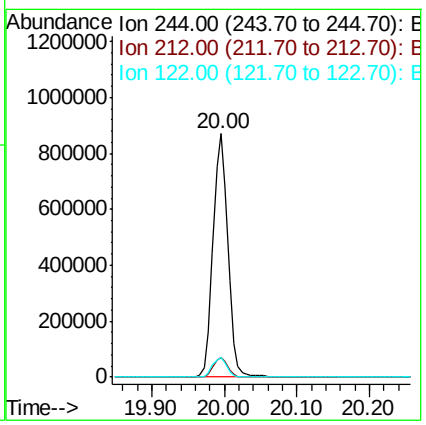


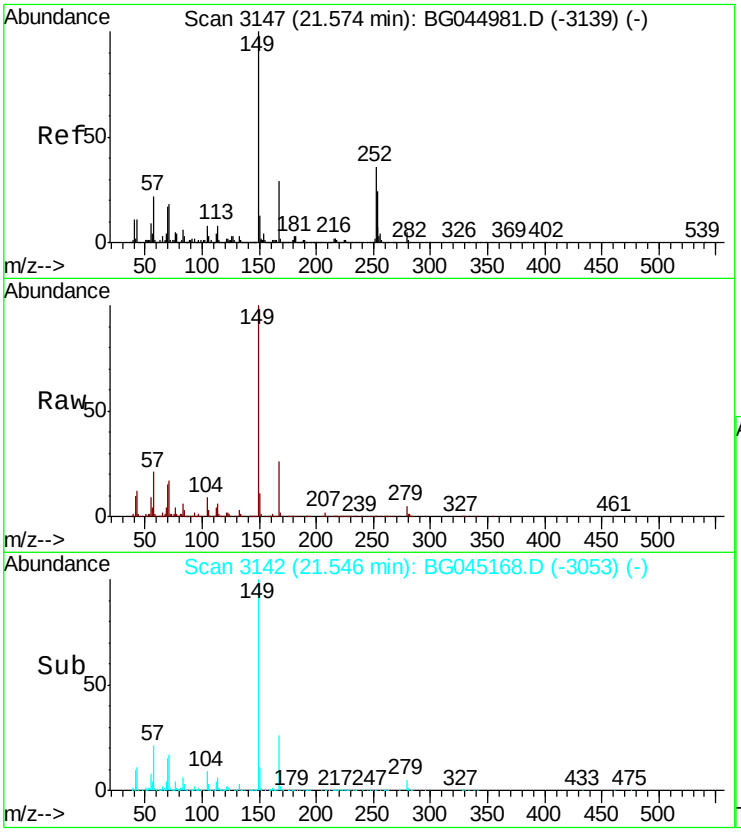


#79
Terphenyl-d14
Concen: 58.502 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Tgt Ion:244 Resp: 1246838

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.9	11.9
122	8.3	7.7	11.5



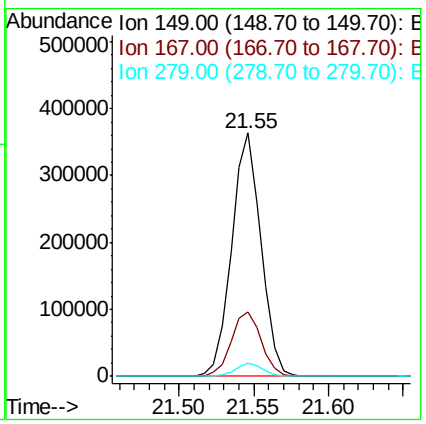


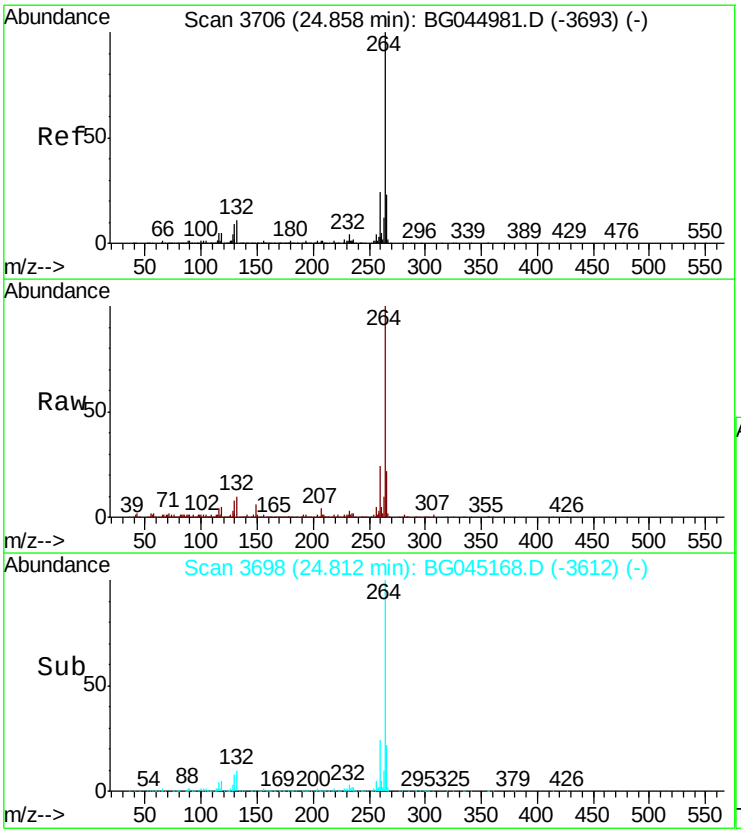
#84
Bis(2-ethylhexyl)phthalate
Concen: 27.127 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Instrument :
BNA_G
ClientSampleId :
SP1-B

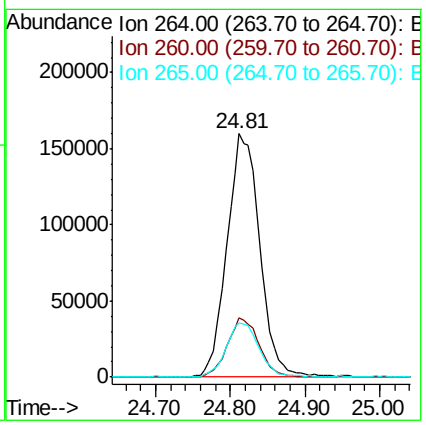
Tgt Ion:149 Resp: 495259

Ion	Ratio	Lower	Upper
149	100		
167	26.5	23.4	35.0
279	5.2	4.3	6.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG045168.D
Acq: 24 Apr 2020 19:43

Tgt Ion:264 Resp: 487002

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.3	19.0	28.4