Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
Data File : BG039007.D
Acq On : 8 Jan 2019 23:47
Operator : JU/SJ
Sample : K1072-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TRANSFORMER-PIERS

Quant Time: Jan 09 03:28:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	22529	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	96086	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	70388	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	171767	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	174243	20.00	ng	-0.02
87) Perylene-d12	25.00	264	183779	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	139163	109.56	ng	0.00
7) Phenol-d6	7.20	99	219342	125.79	ng	0.00
23) Nitrobenzene-d5	9.22	82	129652	68.93	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	122152	125.92	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	406742	79.27	ng	-0.02
79) Terphenyl-d14	20.03	244	715327	89.35	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.23	94	4180	2.256	ng	# 74
50) Dimethylphthalate	14.13	163	15321	2.665	ng	98

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

Quantitation Report (QT Reviewed)

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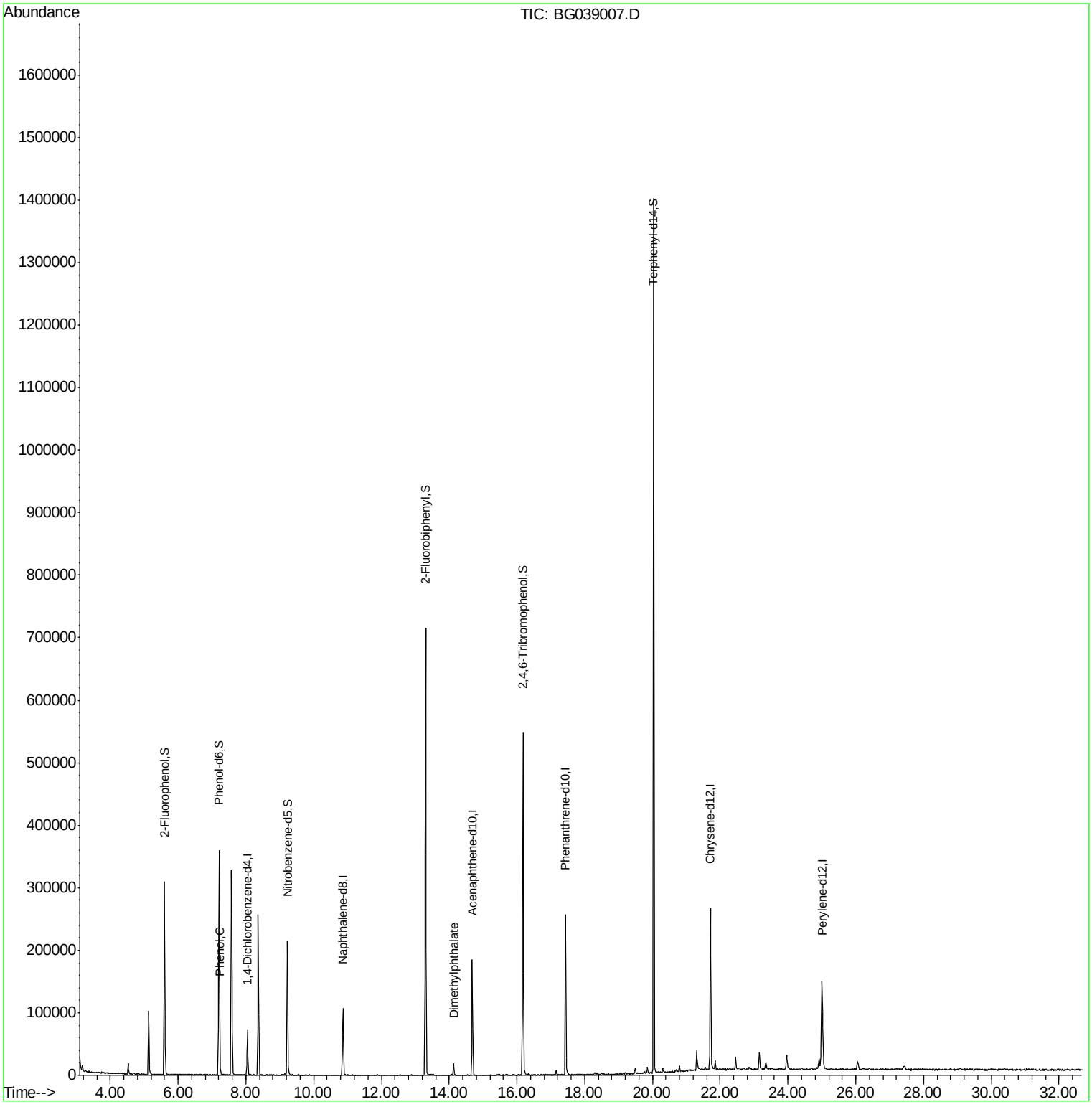
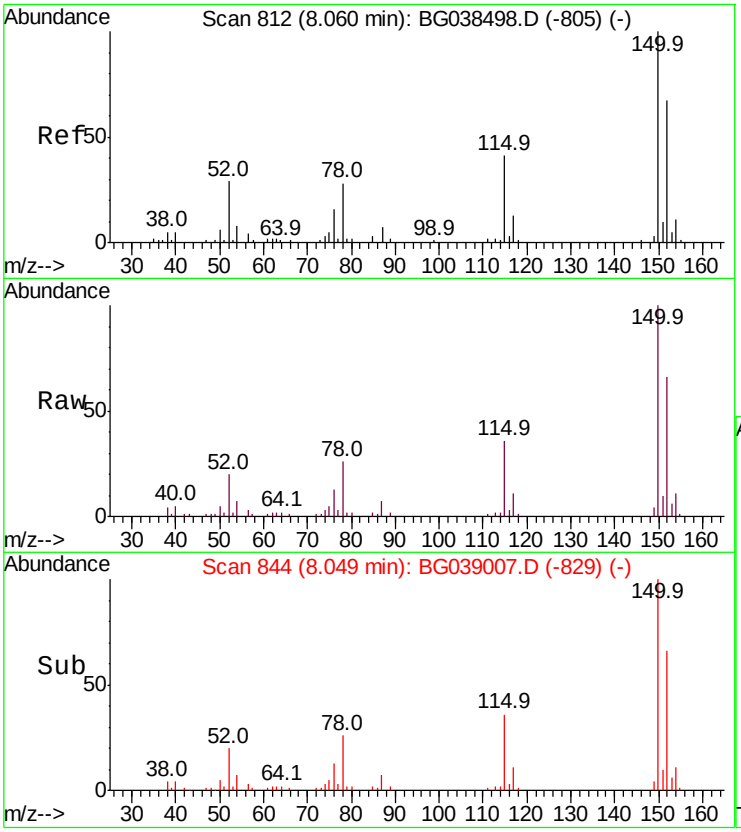


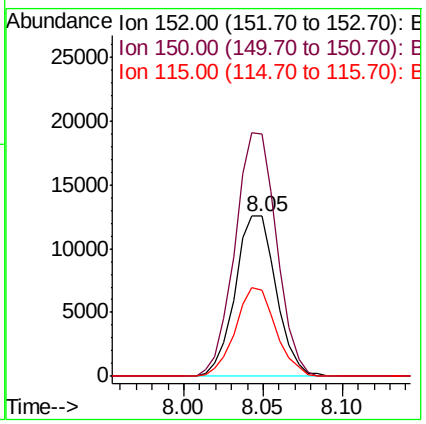


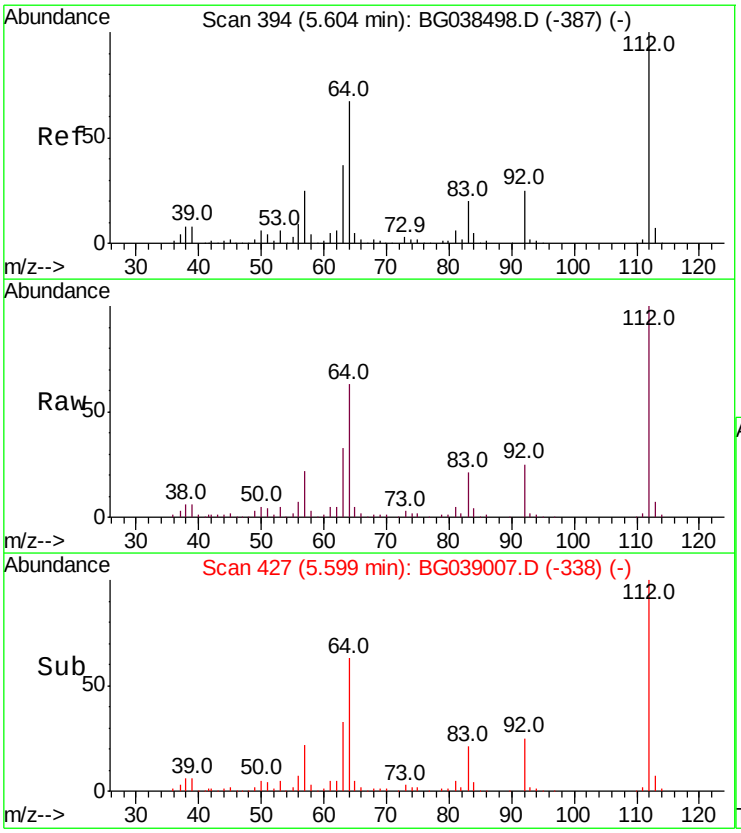
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TRANSFORMER-PIERS

Tgt Ion:152 Resp: 22529

Ion	Ratio	Lower	Upper
152	100		
150	151.5	119.5	179.3
115	54.1	49.6	74.4

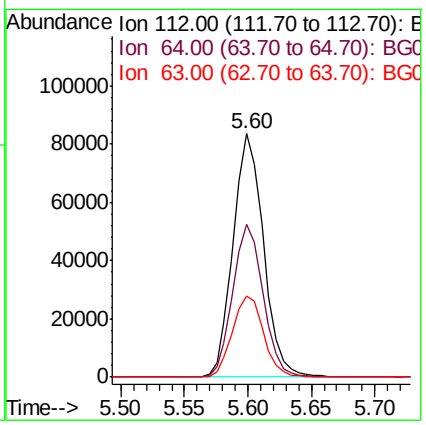


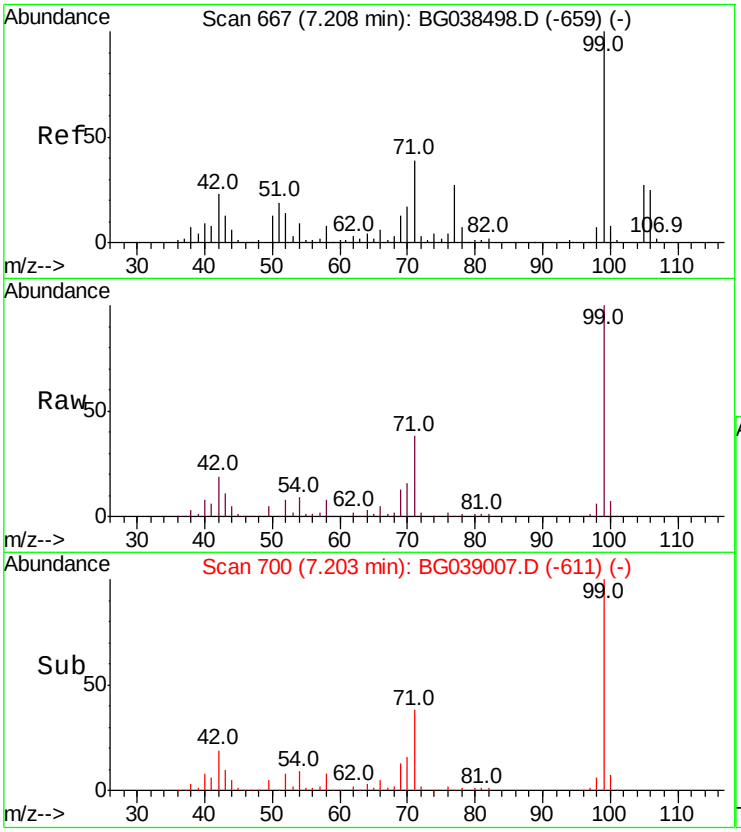


#5
2-Fluorophenol
Concen: 109.560 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.00 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion:112 Resp: 139163

Ion	Ratio	Lower	Upper
112	100		
64	62.6	53.4	80.2
63	33.1	29.3	43.9



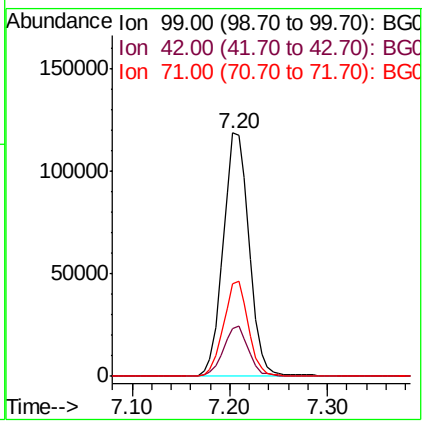


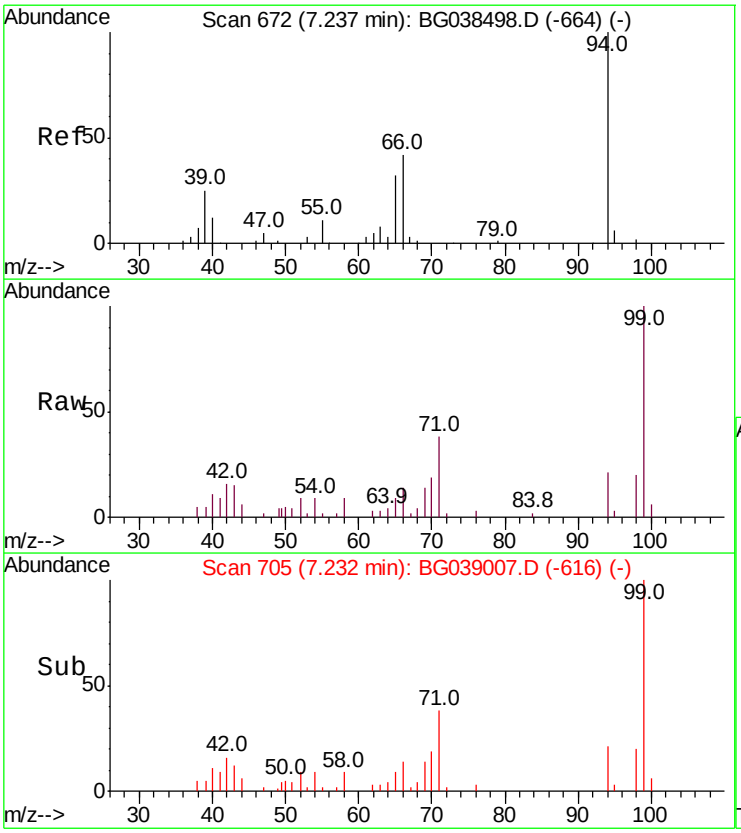
#7
Phenol-d6
Concen: 125.788 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TRANSFORMER-PIERS

Tgt Ion: 99 Resp: 219342

Ion	Ratio	Lower	Upper
99	100		
42	19.4	18.5	27.7
71	38.1	31.1	46.7

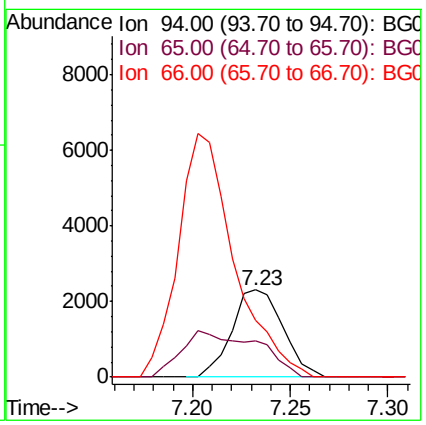


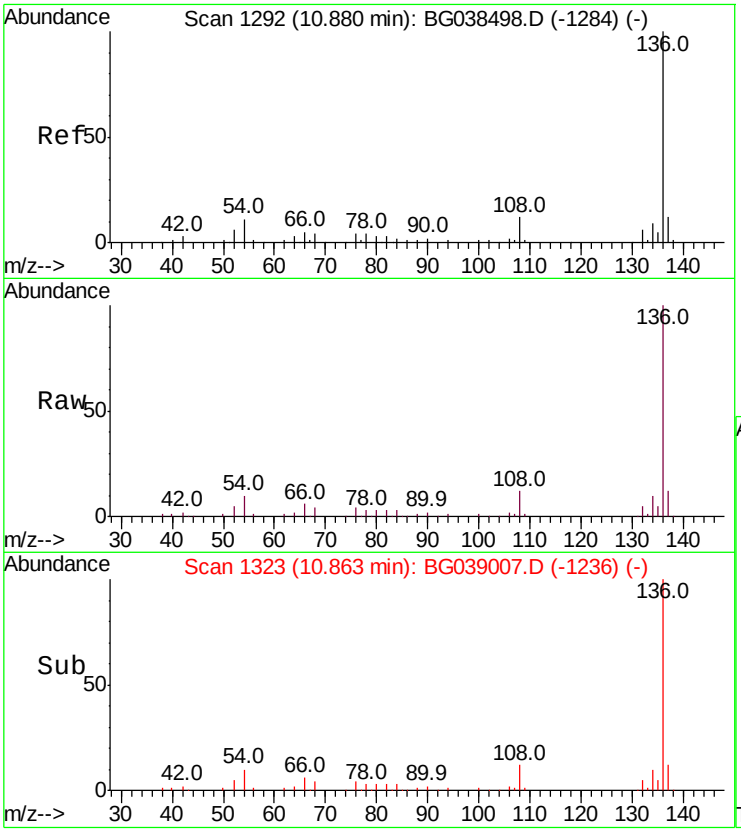


#10
Phenol
Concen: 2.256 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion: 94 Resp: 4180

Ion	Ratio	Lower	Upper
94	100		
65	41.9	12.6	52.6
66	65.1	24.1	64.1#



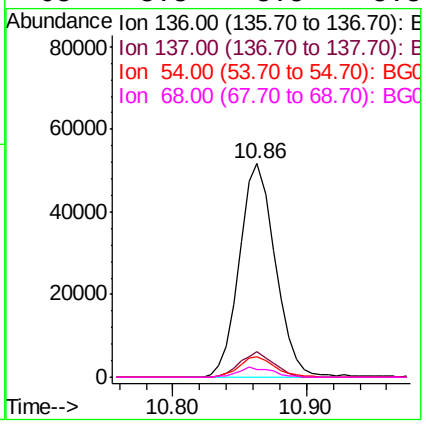


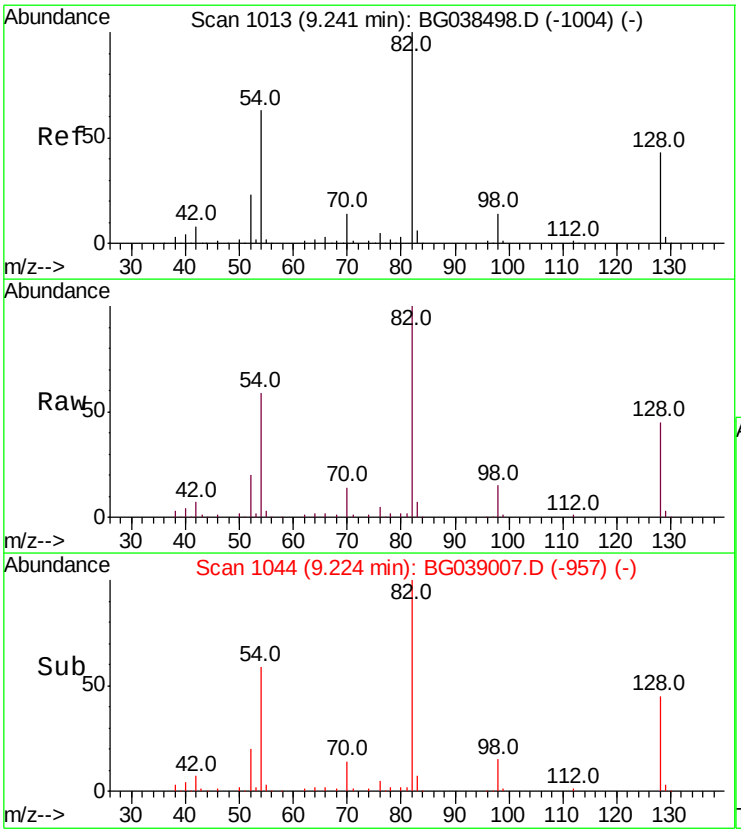
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TRANSFORMER-PIERS

Tgt Ion:136 Resp: 96086

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.3	13.9
54	9.5	8.5	12.7
68	3.8	3.5	5.3

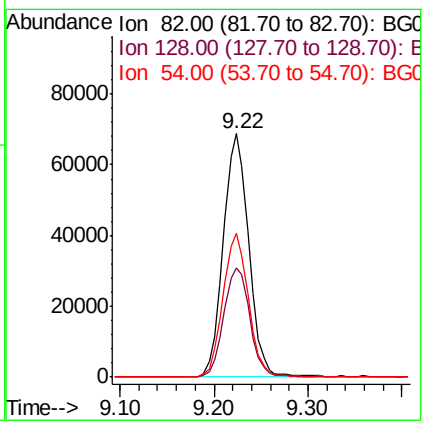


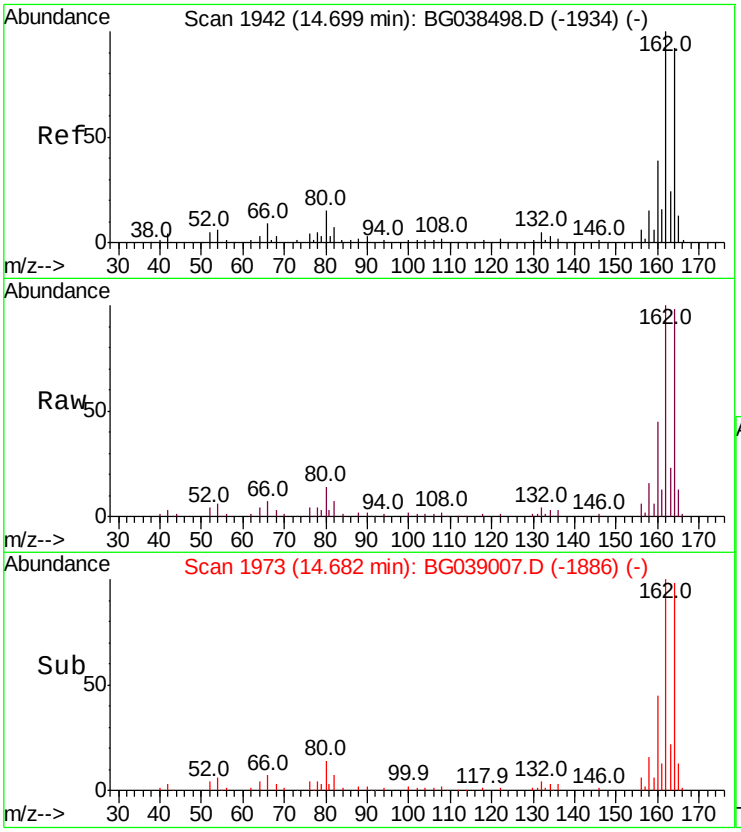


#23
Nitrobenzene-d5
Concen: 68.934 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion: 82 Resp: 129652

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	52.0
54	59.0	50.6	76.0



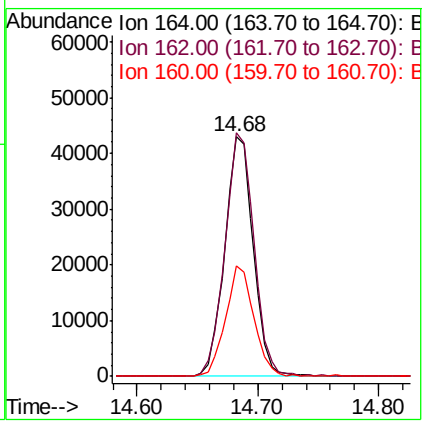


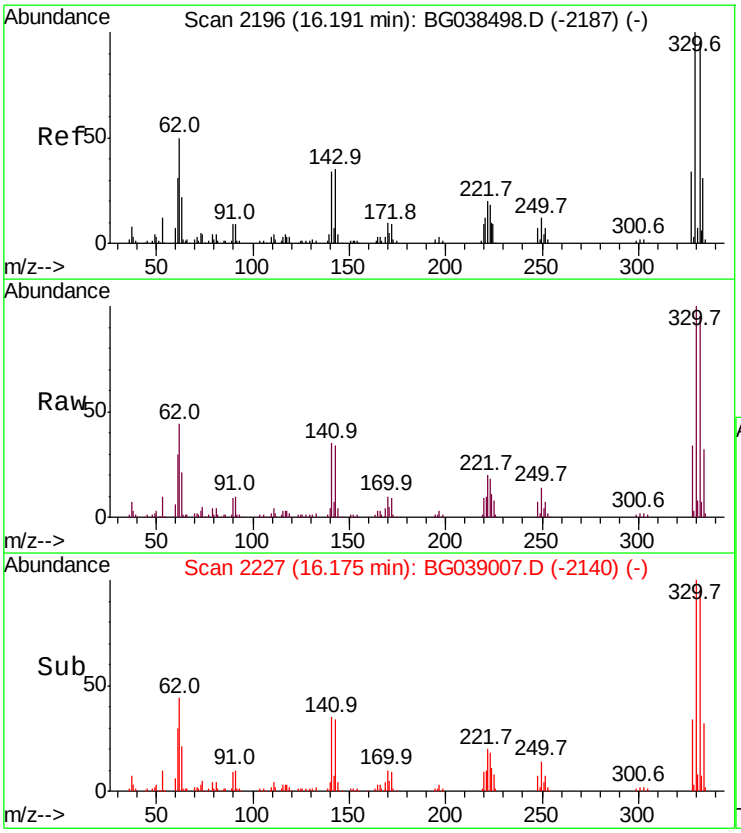
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TRANSFORMER-PIERS

Tgt Ion:164 Resp: 70388

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.6	130.0
160	45.9	34.2	51.2

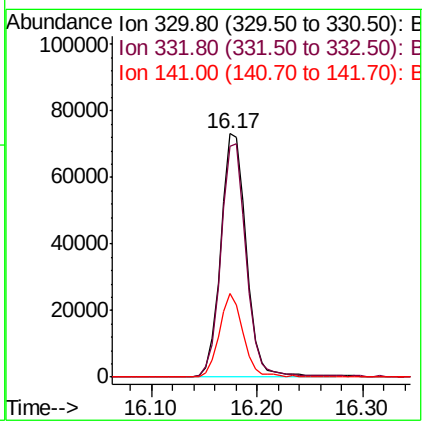


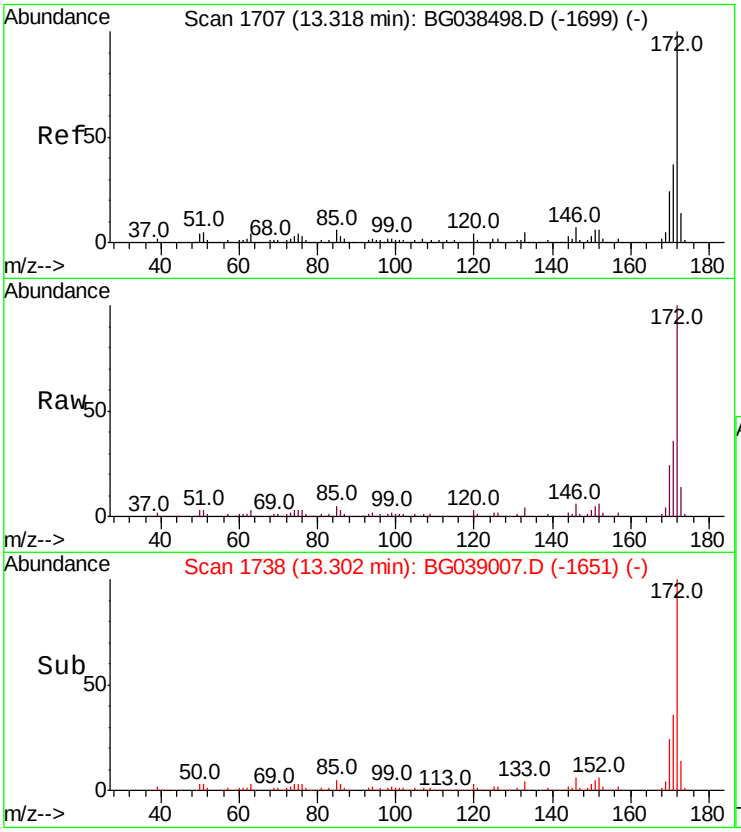


#42
2,4,6-Tribromophenol
Concen: 125.920 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion:330 Resp: 122152

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	32.3	28.8	43.2



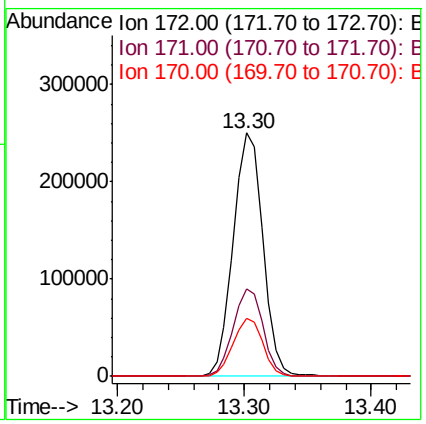


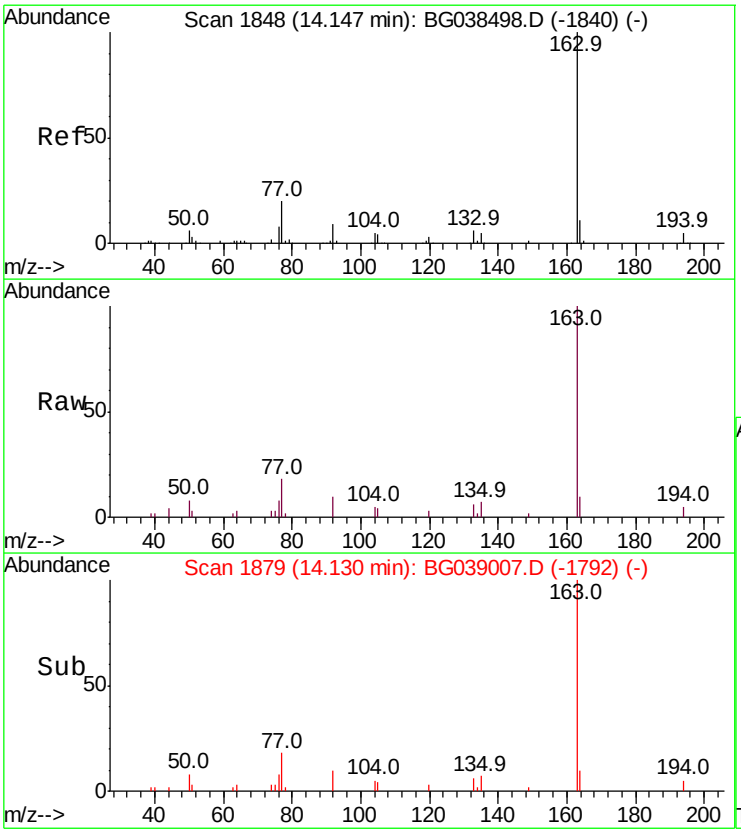
#45
2-Fluorobiphenyl
Concen: 79.273 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TRANSFORMER-PIERS

Tgt Ion:172 Resp: 406742

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	23.9	19.5	29.3

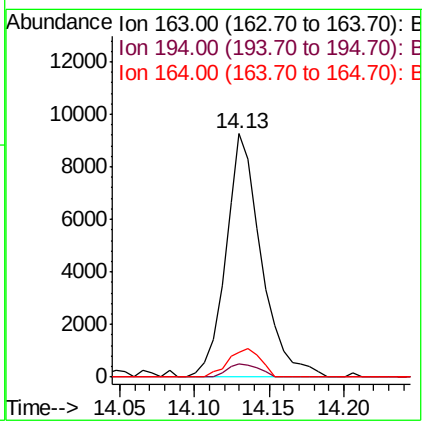


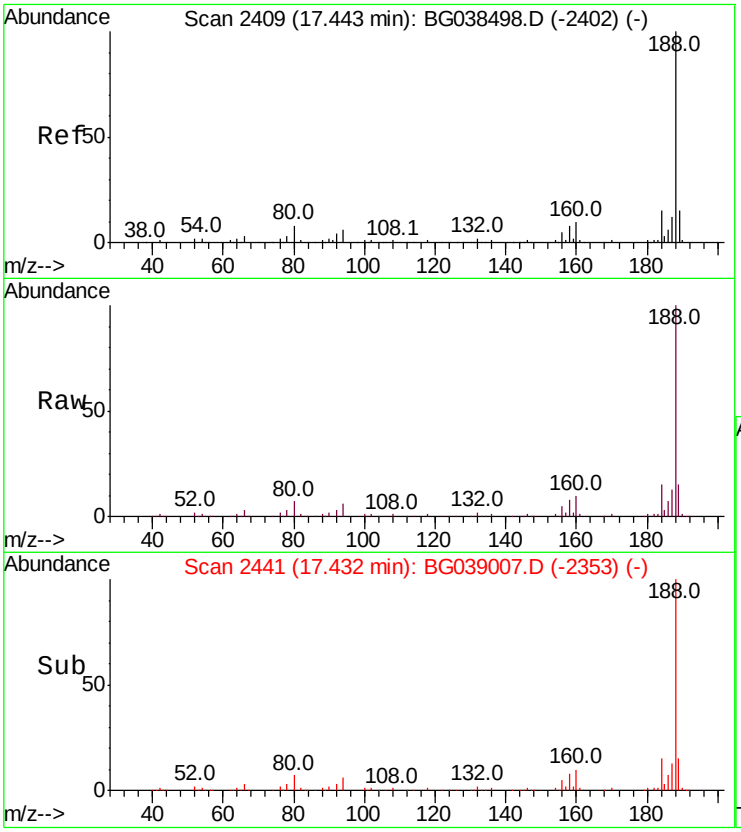


#50
Dimethylphthalate
Concen: 2.665 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion:163 Resp: 15321

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.7	5.5
164	10.1	8.6	12.8



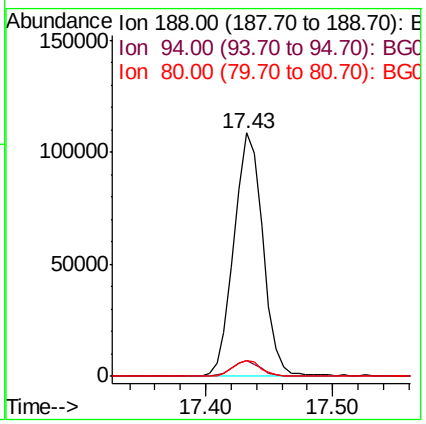


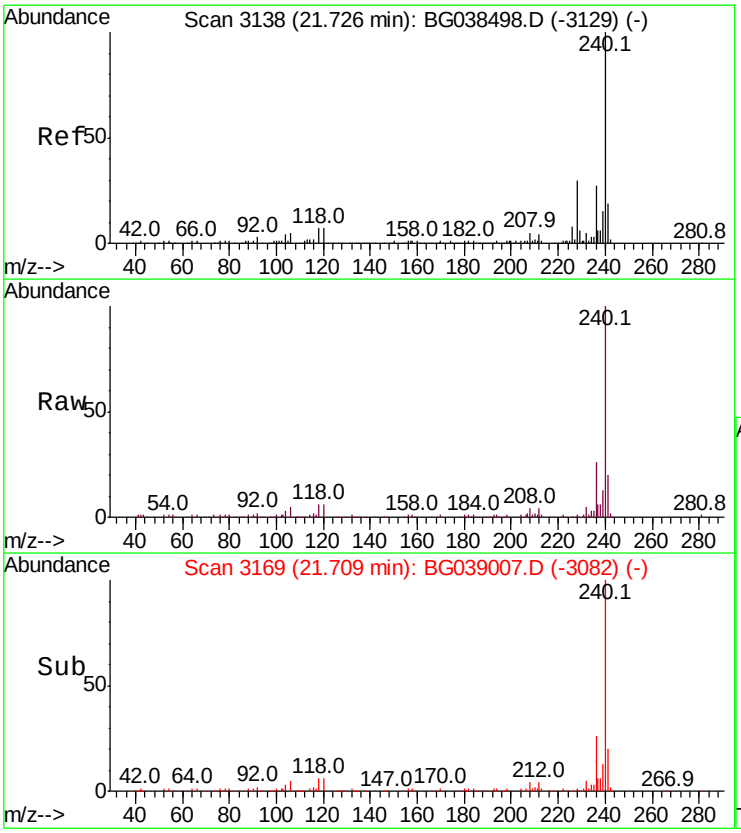
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TRANSFORMER-PIERS

Tgt Ion:188 Resp: 171767

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.1	7.7
80	6.6	6.1	9.1

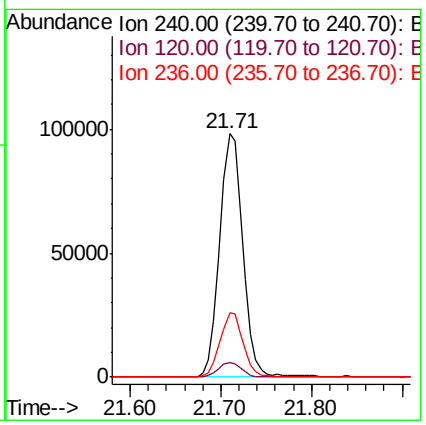


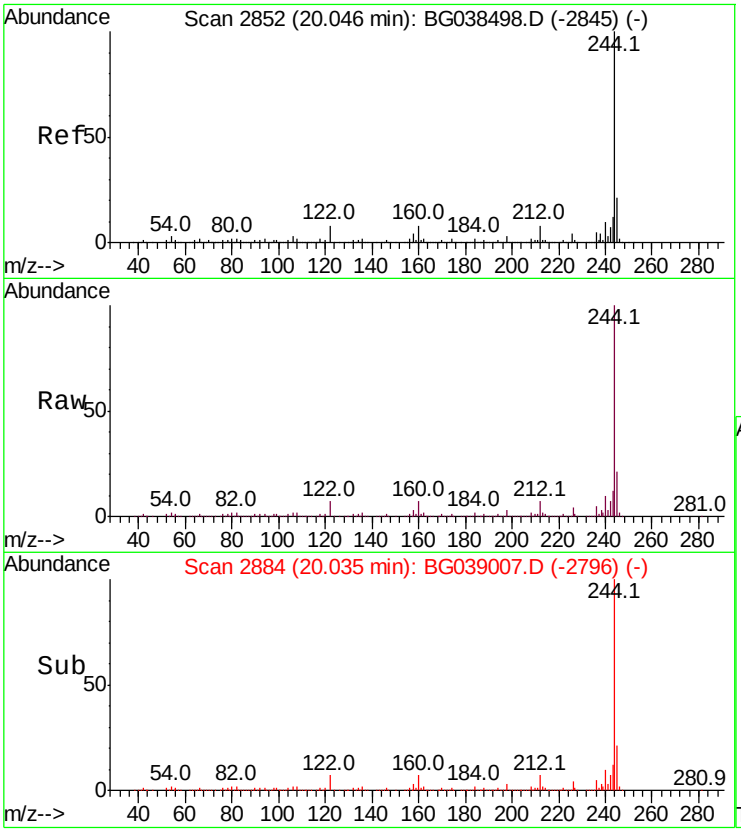


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion:240 Resp: 174243

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.3	7.9
236	26.3	21.4	32.2



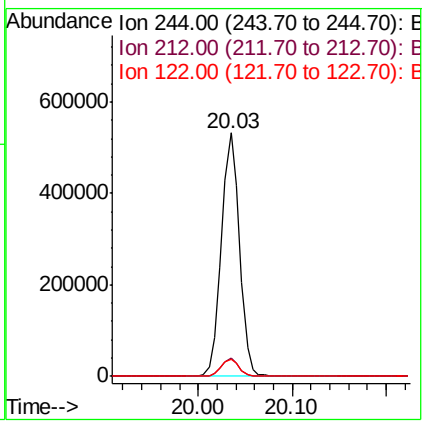


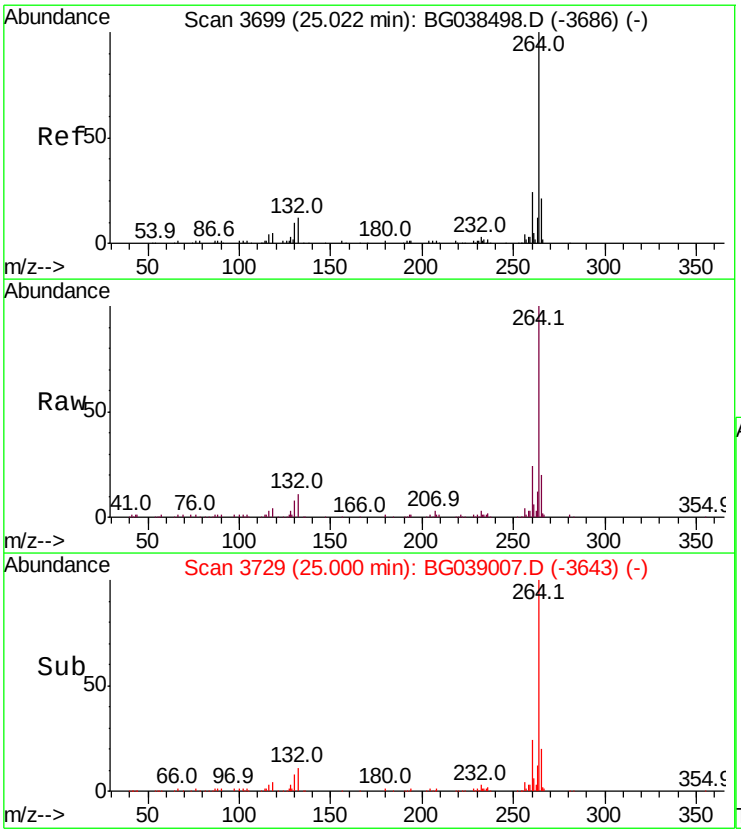
#79
Terphenyl-d14
Concen: 89.346 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Instrument :
BNA_G
ClientSampleId :
TRANSFORMER-PIERS

Tgt Ion:244 Resp: 715327

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	7.0	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.02 min
Lab File: BG039007.D
Acq: 8 Jan 2019 23:47

Tgt Ion:264 Resp: 183779

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	20.4	17.0	25.4