Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039087.D
Acq On : 11 Jan 2019 14:14
Operator : JU/SJ
Sample : K1119-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-C

Quant Time: Jan 11 15:17:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	25508	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	98908	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	66446	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	161405	20.00	ng	0.00
76) Chrysene-d12	21.69	240	188917	20.00	ng	-0.01
87) Perylene-d12	24.96	264	207235	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	209678	155.93	ng	0.00
7) Phenol-d6	7.19	99	288817	149.25	ng	0.00
23) Nitrobenzene-d5	9.20	82	166604	92.17	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	142037	127.52	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	398927	82.17	ng	0.00
79) Terphenyl-d14	20.02	244	723372	70.83	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.21	94	5733	2.955	ng	# 56
50) Dimethylphthalate	14.11	163	135557	24.142	ng	100

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

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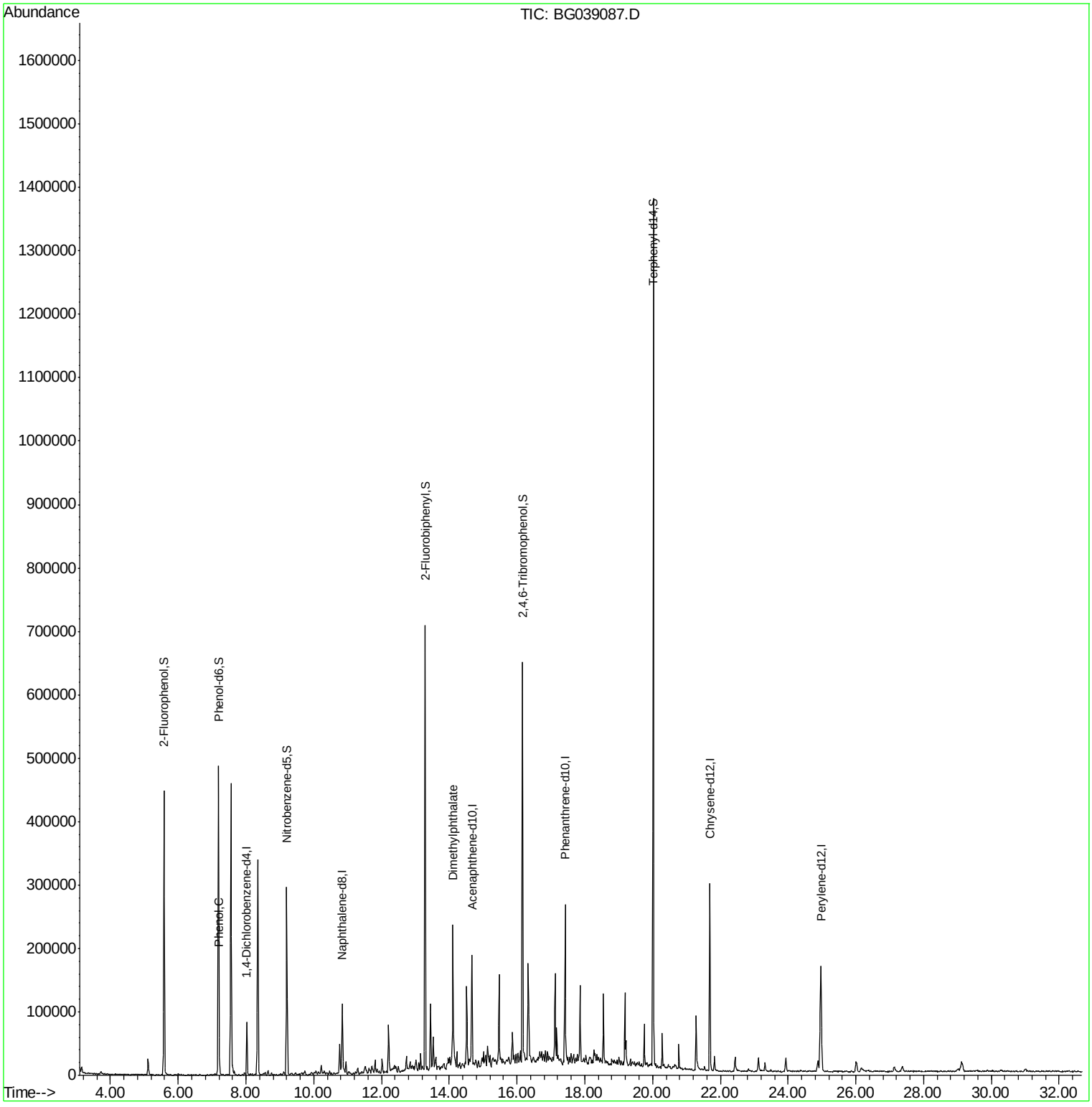
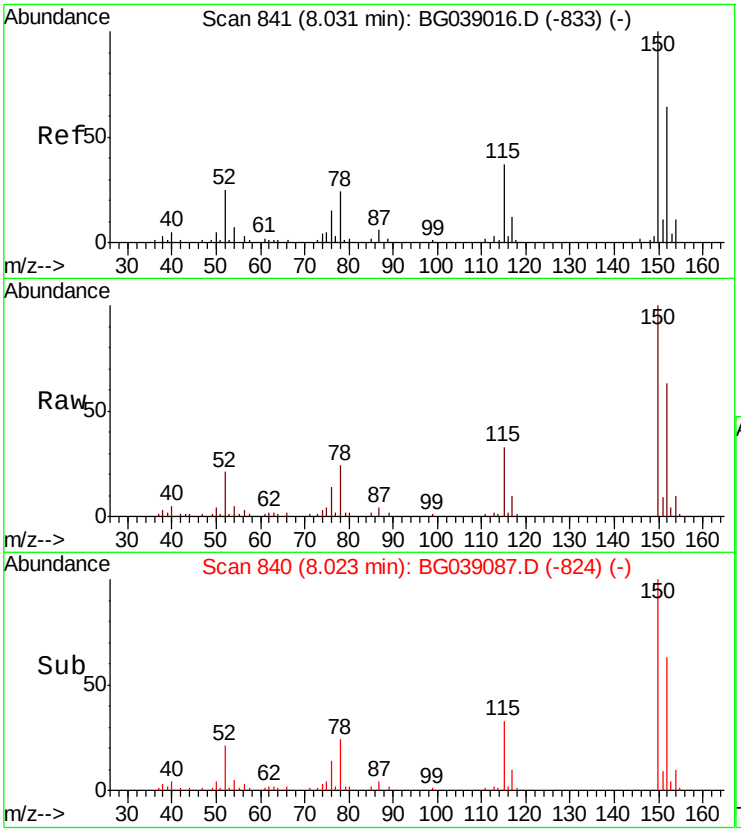


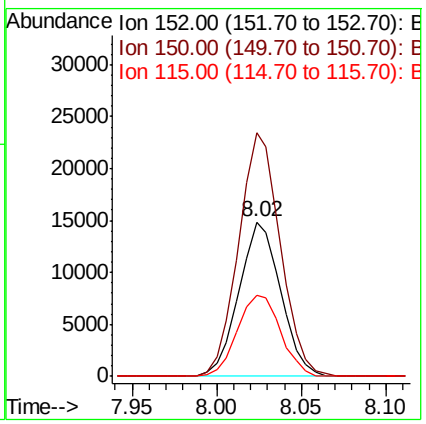


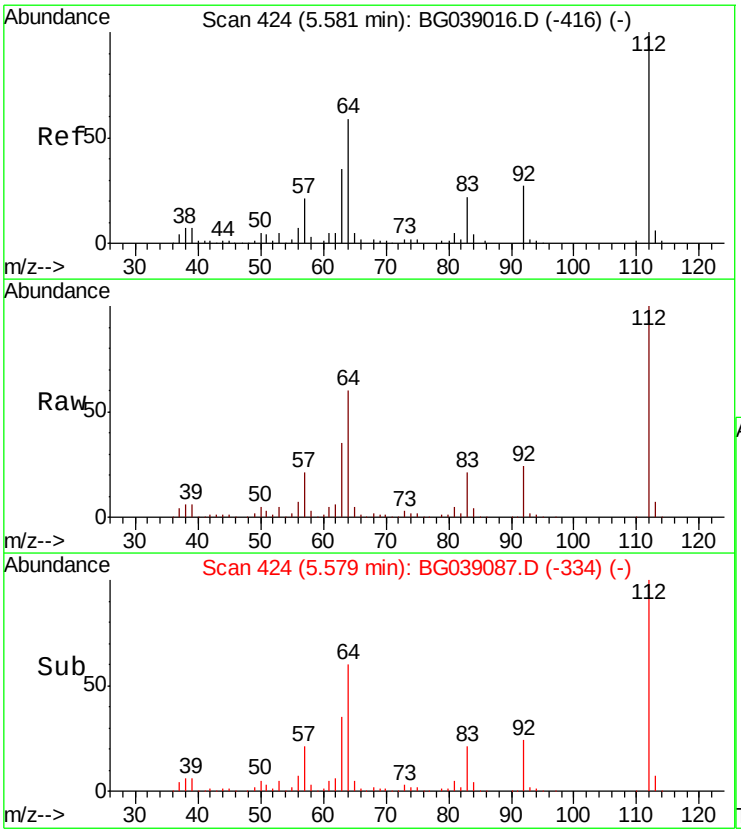
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :
DS-C

Tgt Ion:152 Resp: 25508

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.7	187.1
115	52.5	46.5	69.7

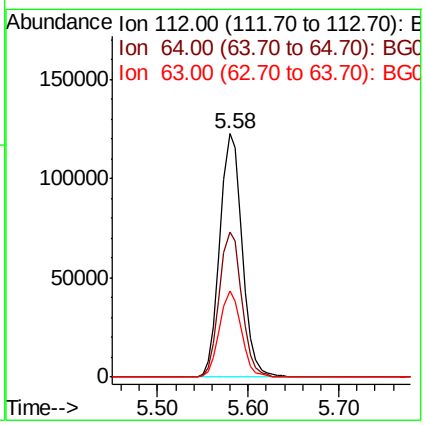


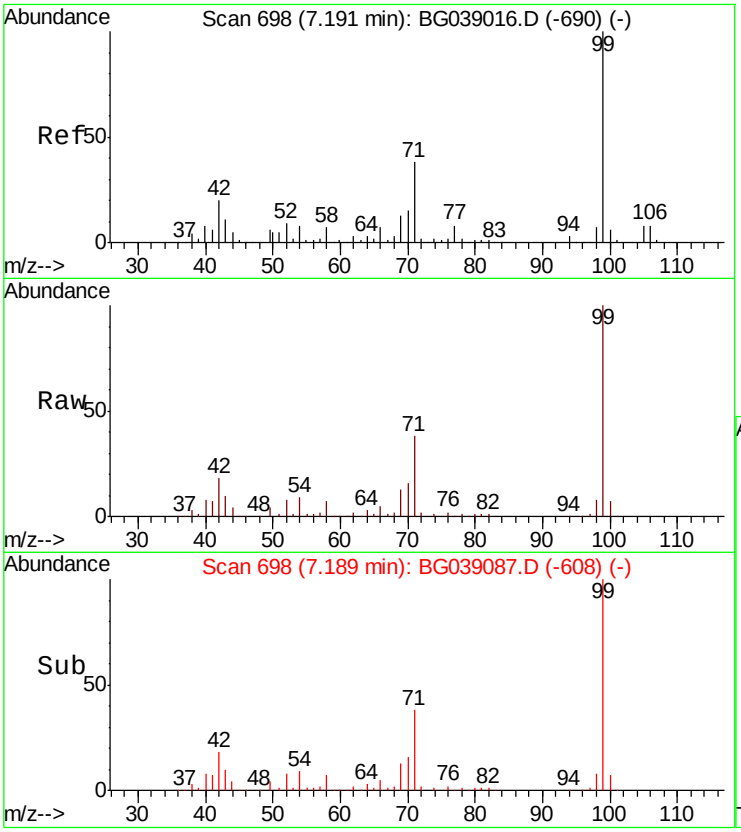


#5
2-Fluorophenol
Concen: 155.934 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion:112 Resp: 209678

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.0	70.6
63	35.4	28.0	42.0



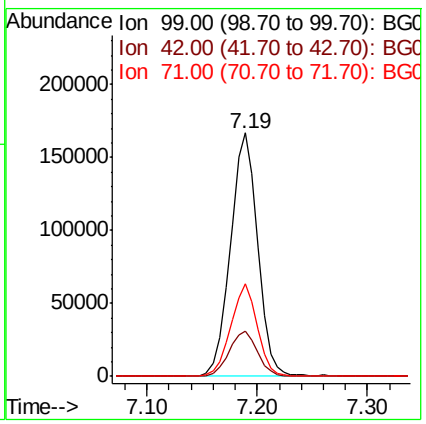


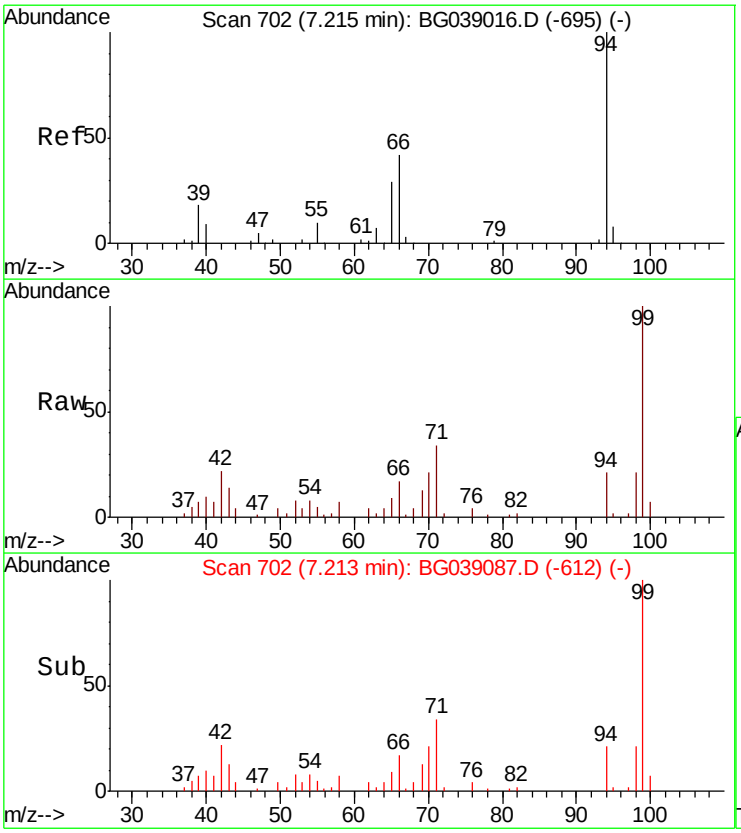
#7
Phenol-d6
Concen: 149.248 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :
DS-C

Tgt Ion: 99 Resp: 288817

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.6
71	38.3	30.2	45.4

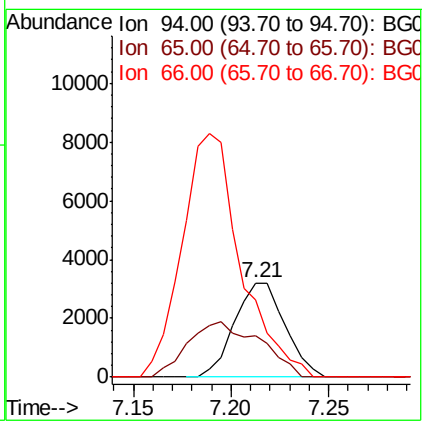


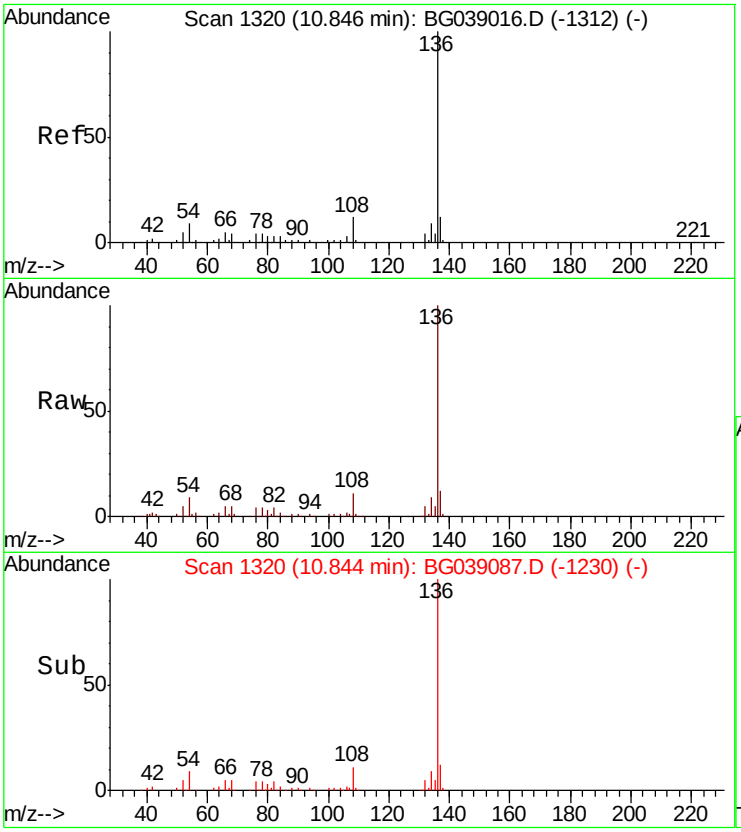


#10
Phenol
Concen: 2.955 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion: 94 Resp: 5733

Ion	Ratio	Lower	Upper
94	100		
65	43.6	10.3	50.3
66	82.2	25.1	65.1#



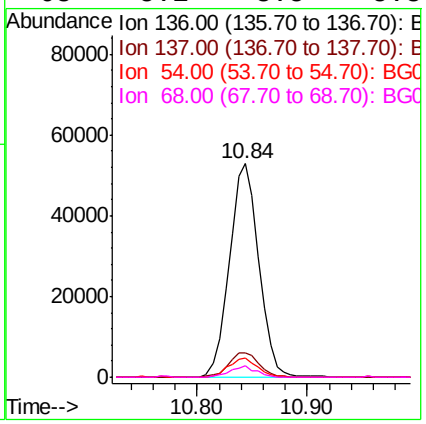


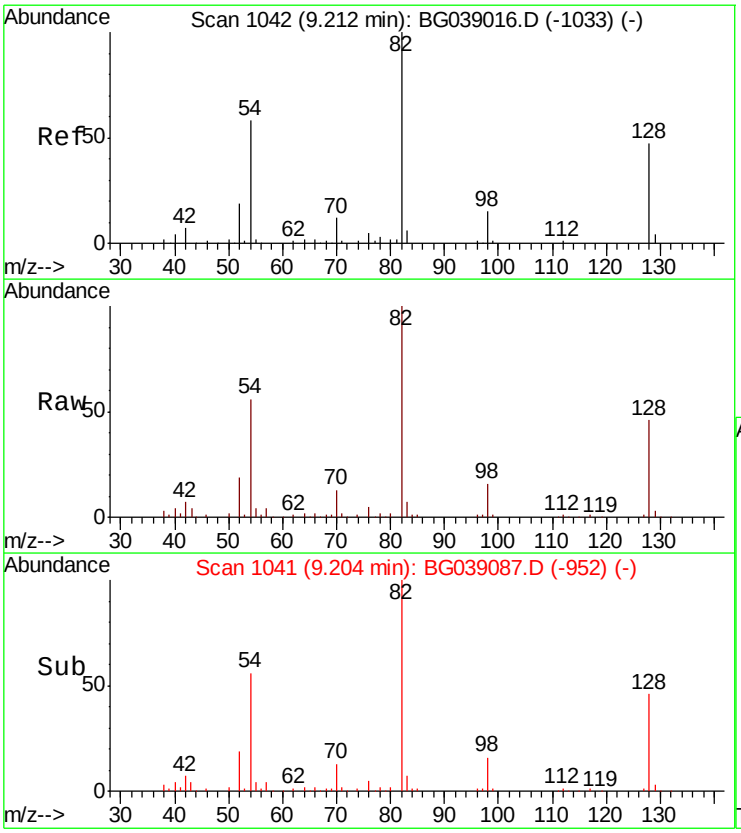
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :
DS-C

Tgt Ion:136 Resp: 98908

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	8.8	7.2	10.8
68	5.1	3.5	5.3

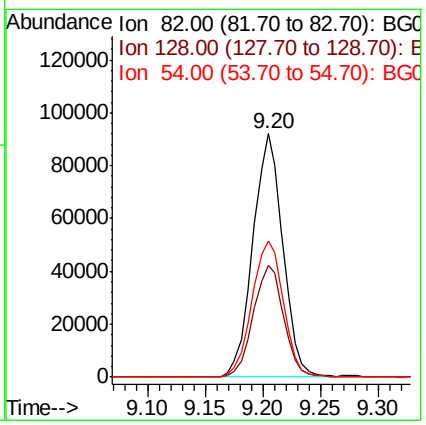


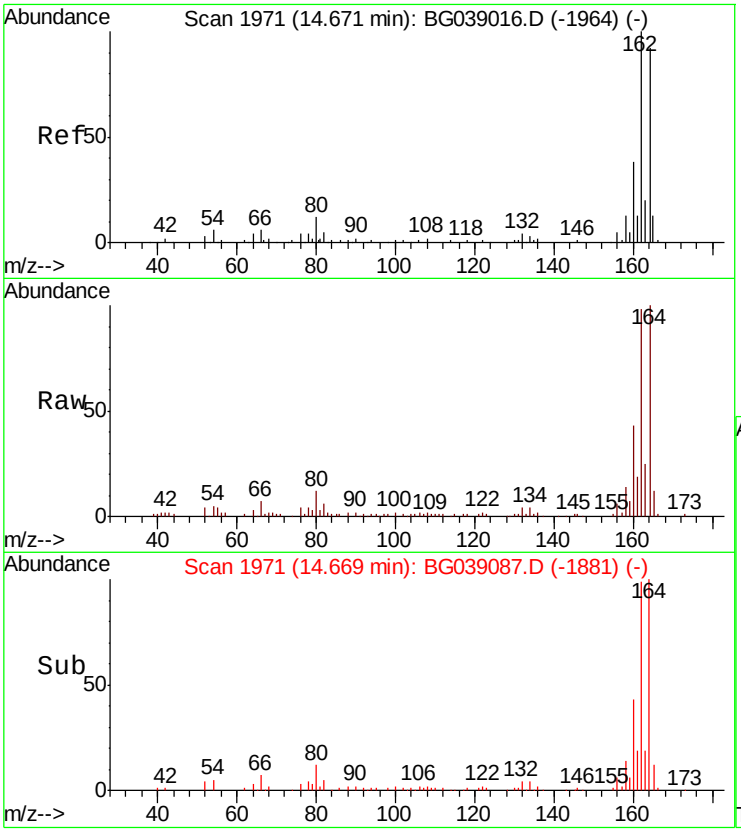


#23
Nitrobenzene-d5
Concen: 92.171 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion: 82 Resp: 166604

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.3	55.9
54	55.8	46.4	69.6



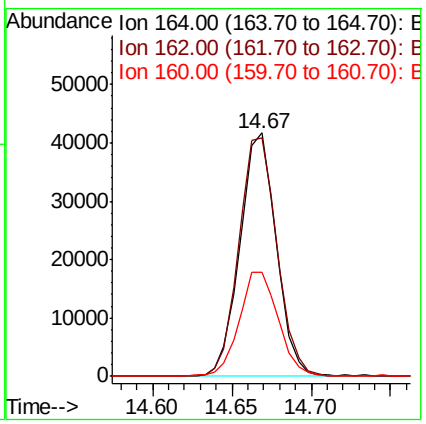


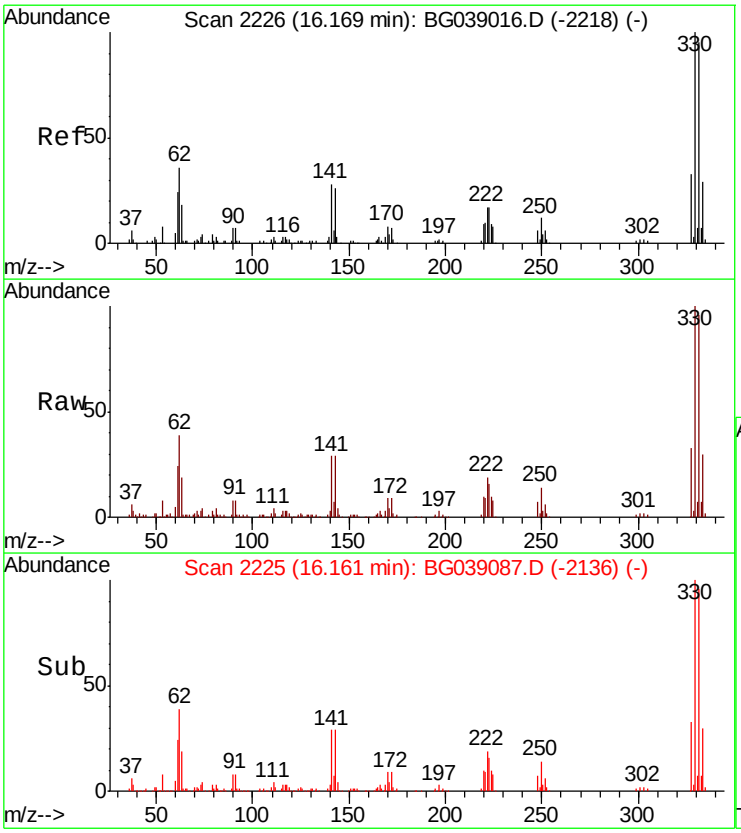
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :
DS-C

Tgt Ion:164 Resp: 66446

Ion	Ratio	Lower	Upper
164	100		
162	97.9	87.2	130.8
160	42.9	33.3	49.9

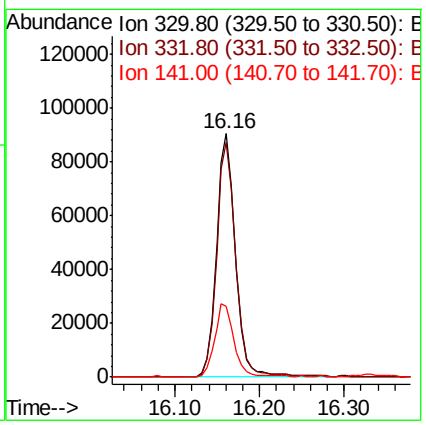


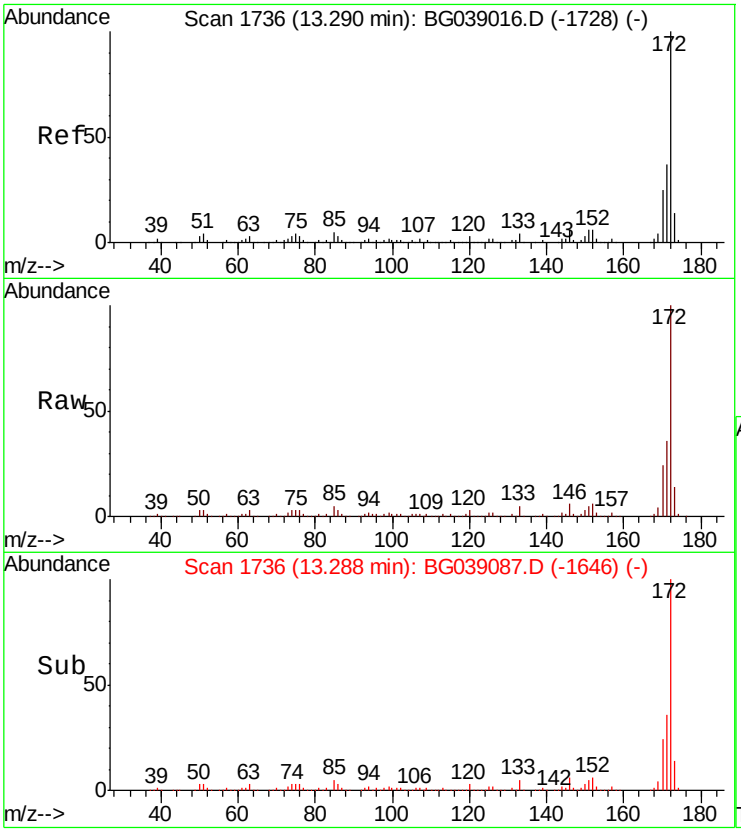


#42
2,4,6-Tribromophenol
Concen: 127.523 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion:330 Resp: 142037

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.7	113.5
141	31.4	24.9	37.3



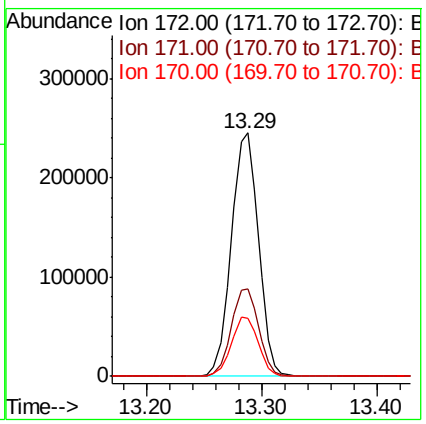


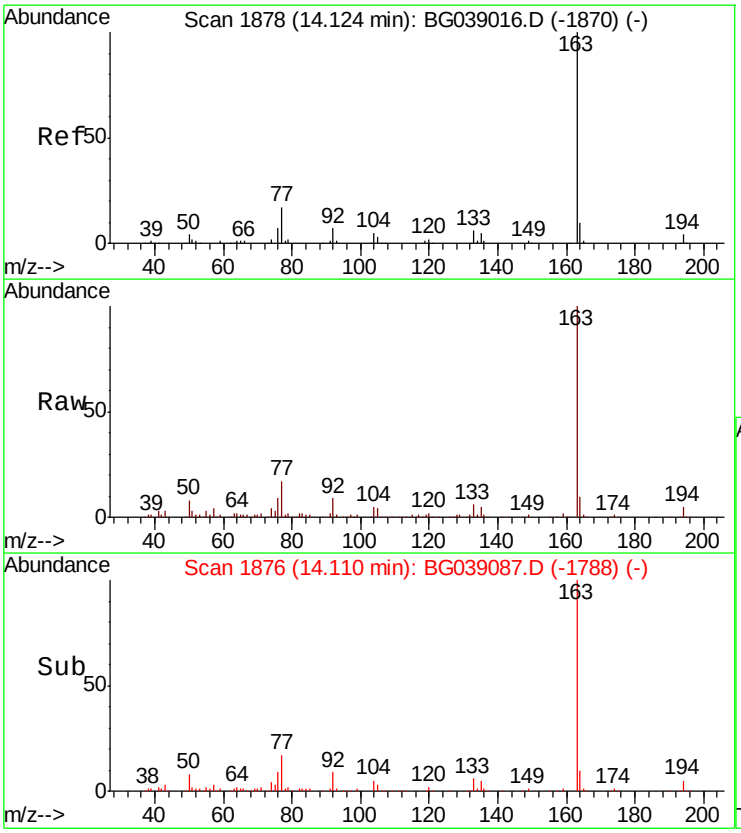
#45
2-Fluorobiphenyl
Concen: 82.166 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :
DS-C

Tgt Ion:172 Resp: 398927

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.0	20.1	30.1

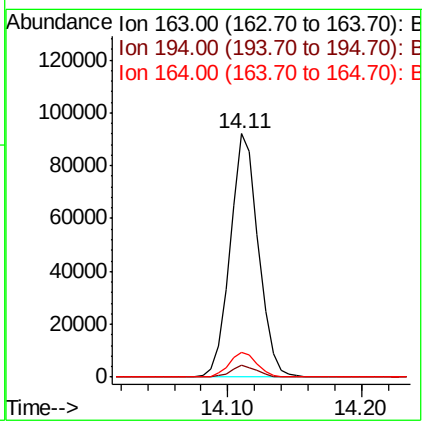


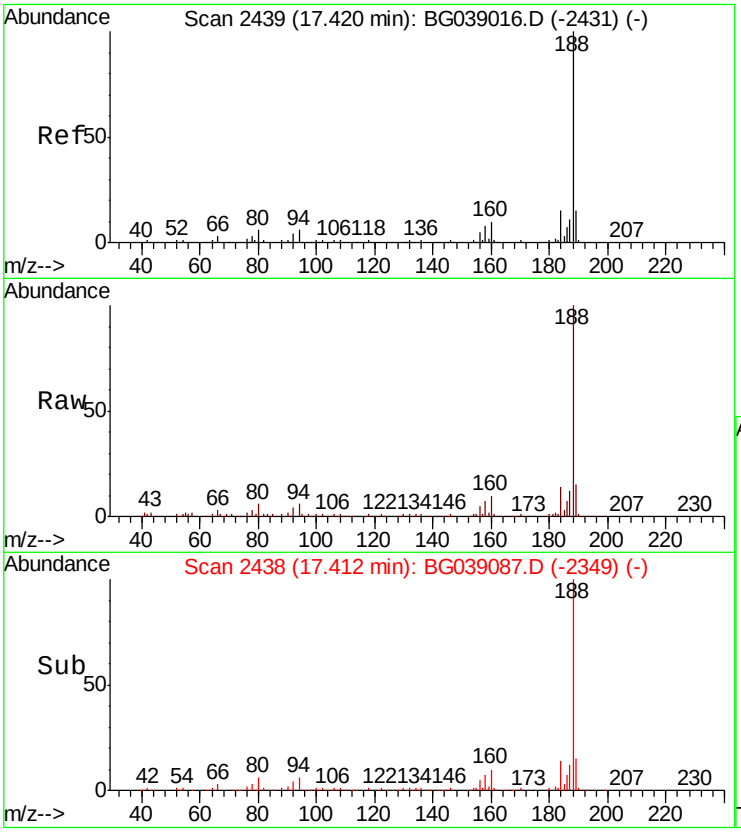


#50
Dimethylphthalate
Concen: 24.142 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion:163 Resp: 135557

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	10.3	8.2	12.2



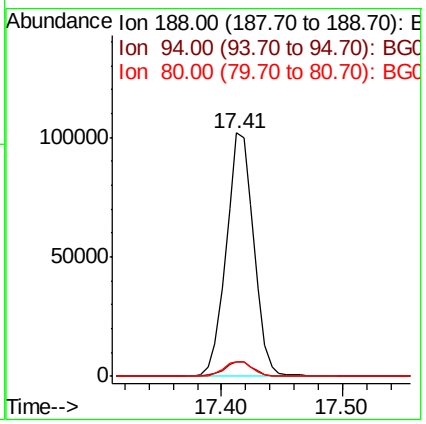


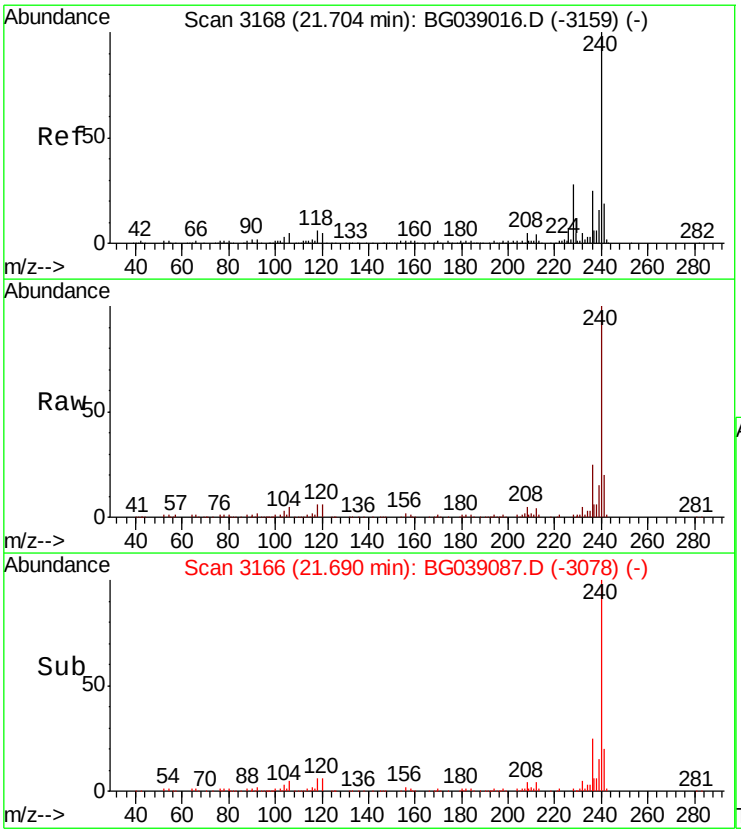
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :
DS-C

Tgt Ion:188 Resp: 161405

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.4
80	6.0	4.7	7.1

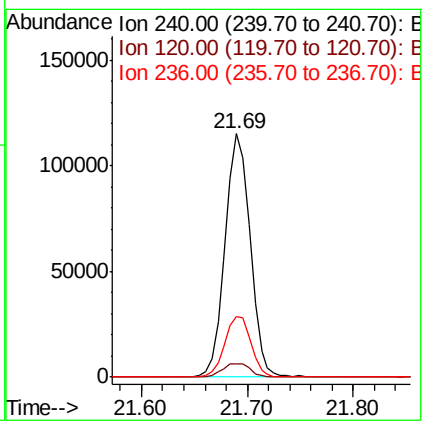


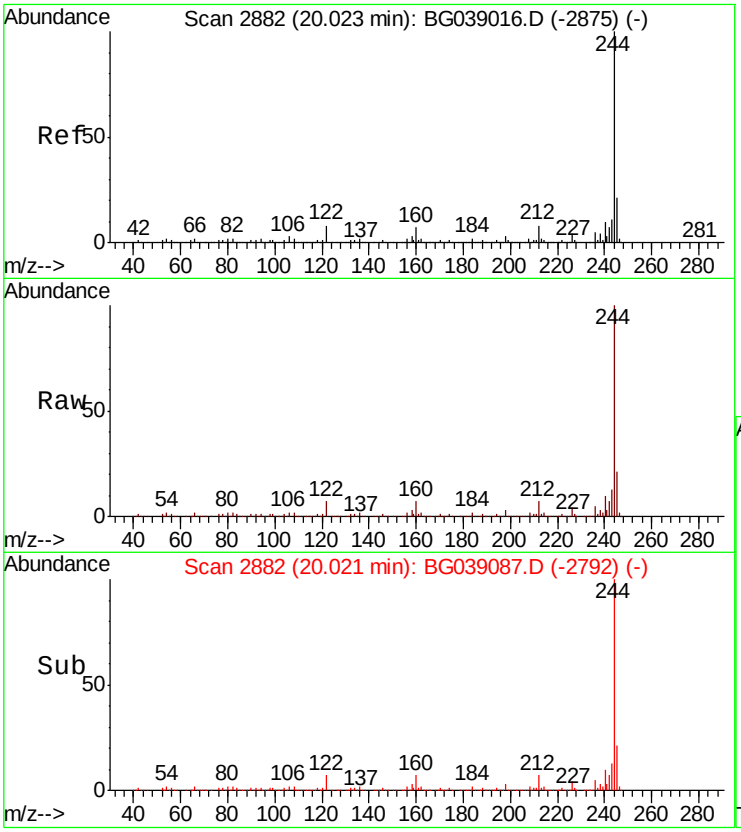


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion:240 Resp: 188917

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.3	6.5
236	25.1	20.1	30.1



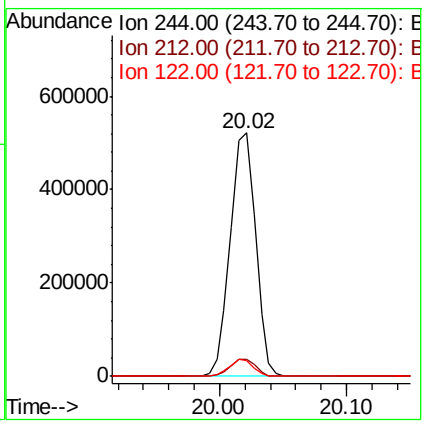


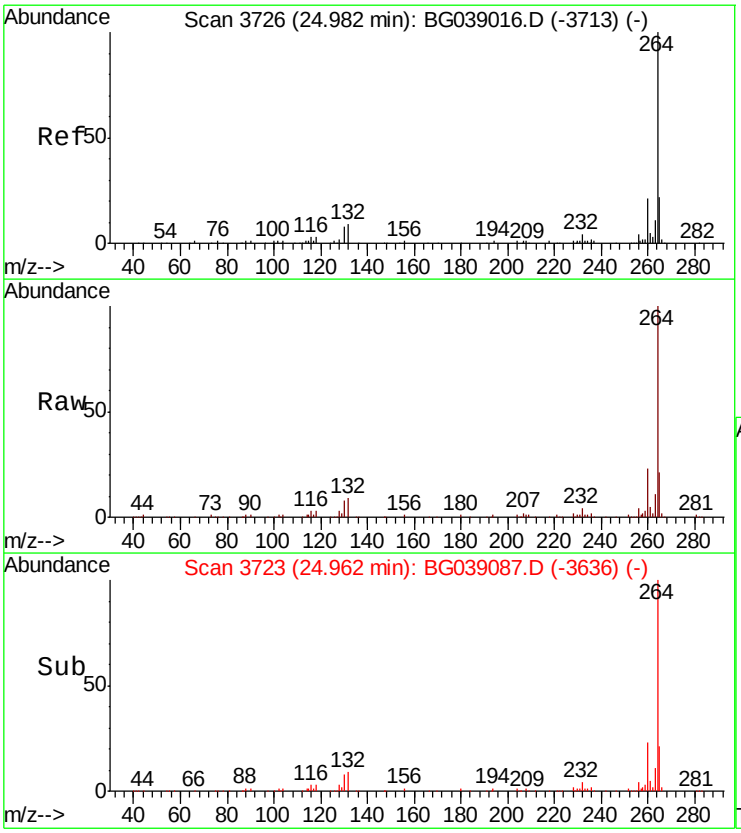
#79
Terphenyl-d14
Concen: 70.833 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Instrument :
BNA_G
ClientSampleId :
DS-C

Tgt Ion:244 Resp: 723372

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	6.5	6.1	9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.02 min
Lab File: BG039087.D
Acq: 11 Jan 2019 14:14

Tgt Ion:264 Resp: 207235

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.0	25.6
265	20.6	17.2	25.8