Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039980.D
Acq On : 18 Mar 2019 21:54
Operator : JU/SJ
Sample : K1903-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-3

Quant Time: Mar 19 08:10:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43260	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	174254	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	114657	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	240717	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	241631	20.00	ng	-0.02
87) Perylene-d12	25.16	264	251860	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	167671	66.12	ng	-0.02
7) Phenol-d6	7.29	99	151494	40.07	ng	-0.02
23) Nitrobenzene-d5	9.33	82	325772	101.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	183518	137.32	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	738102	91.66	ng	-0.02
79) Terphenyl-d14	20.11	244	982419	89.52	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	9.25	117	54305	42.705	ng	# 36
52) Acenaphthene	14.83	154	16978	2.422	ng	88

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

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Misc :
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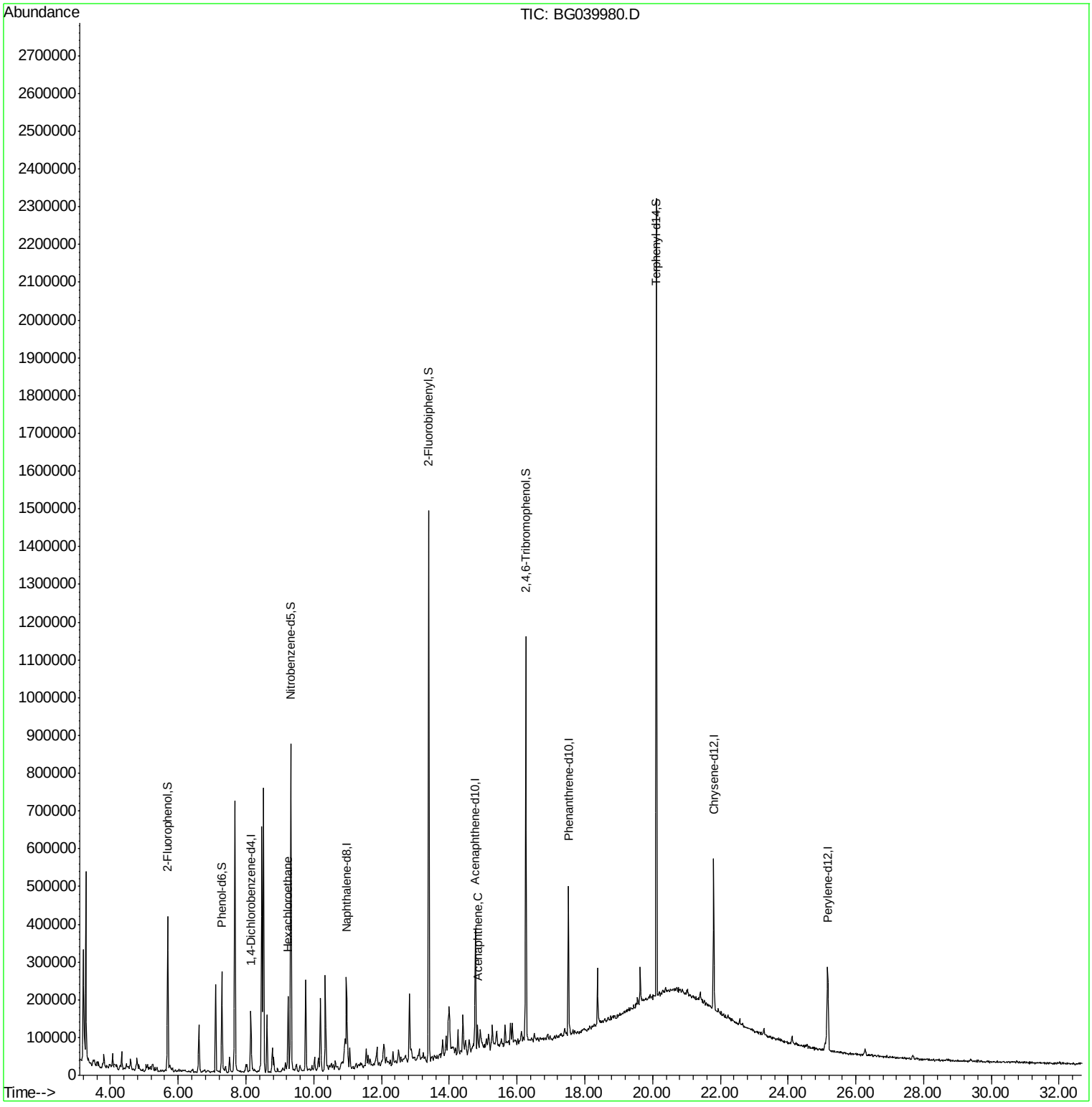
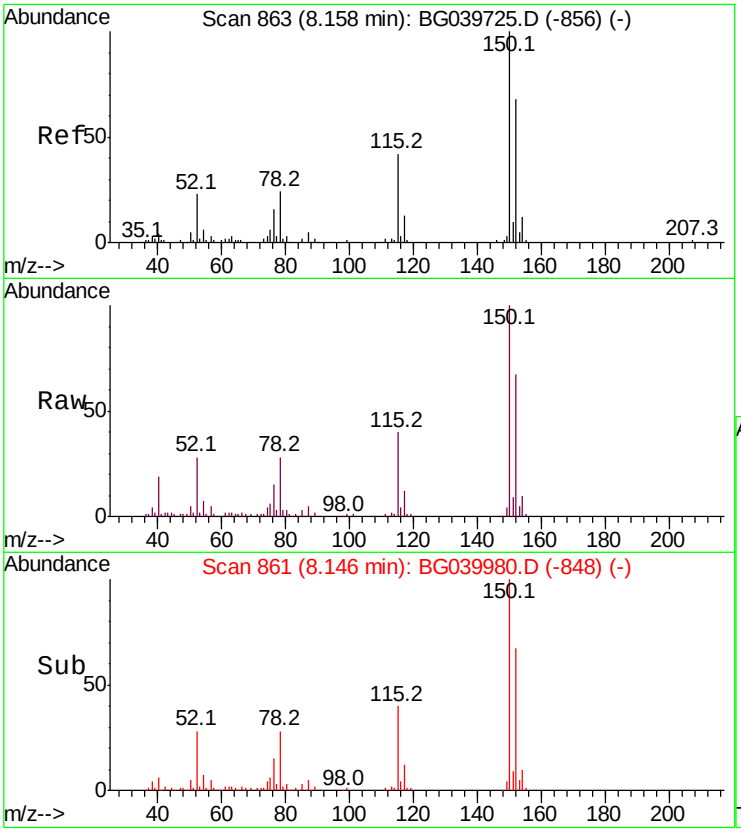


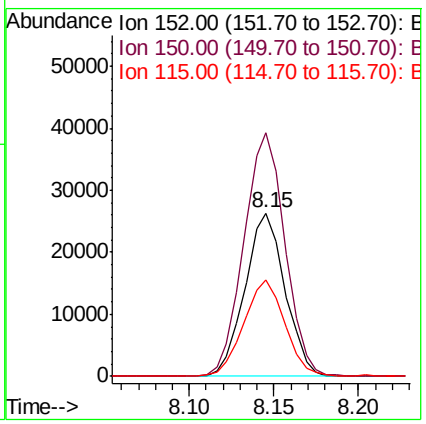


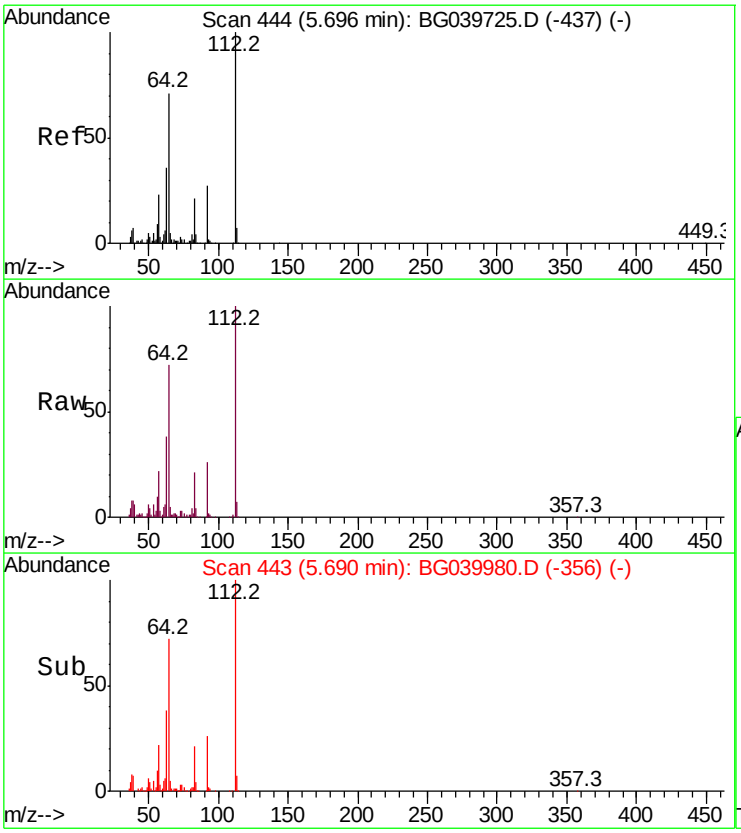
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion:152 Resp: 43260

Ion	Ratio	Lower	Upper
152	100		
150	149.1	123.7	185.5
115	59.3	45.9	68.9

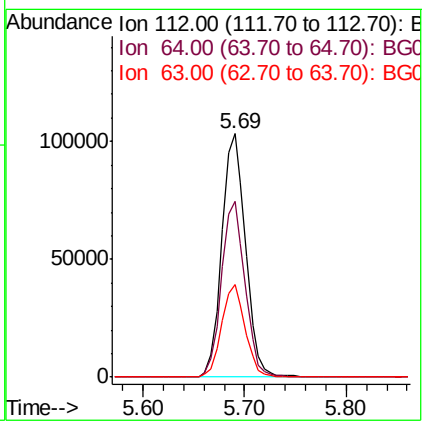


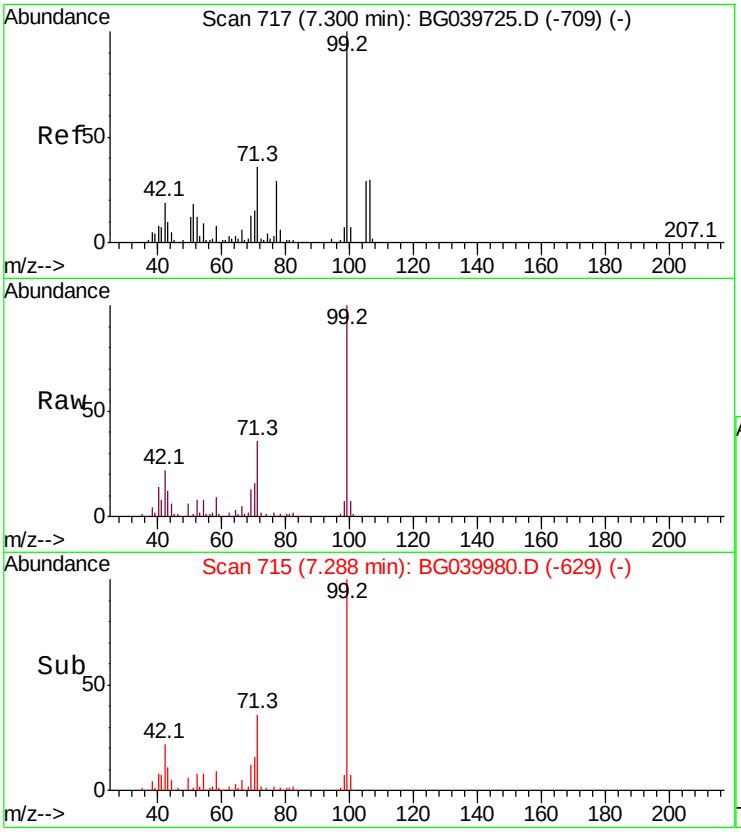


#5
2-Fluorophenol
Concen: 66.123 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion:112 Resp: 167671

Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.8	86.8
63	38.1	29.8	44.6



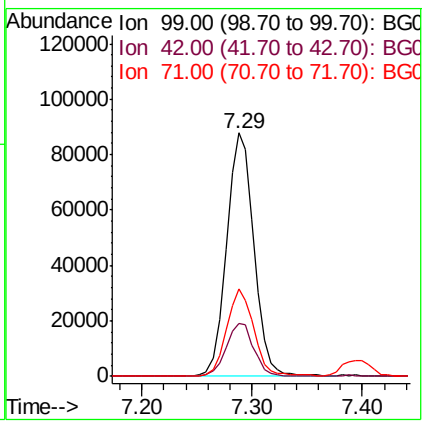


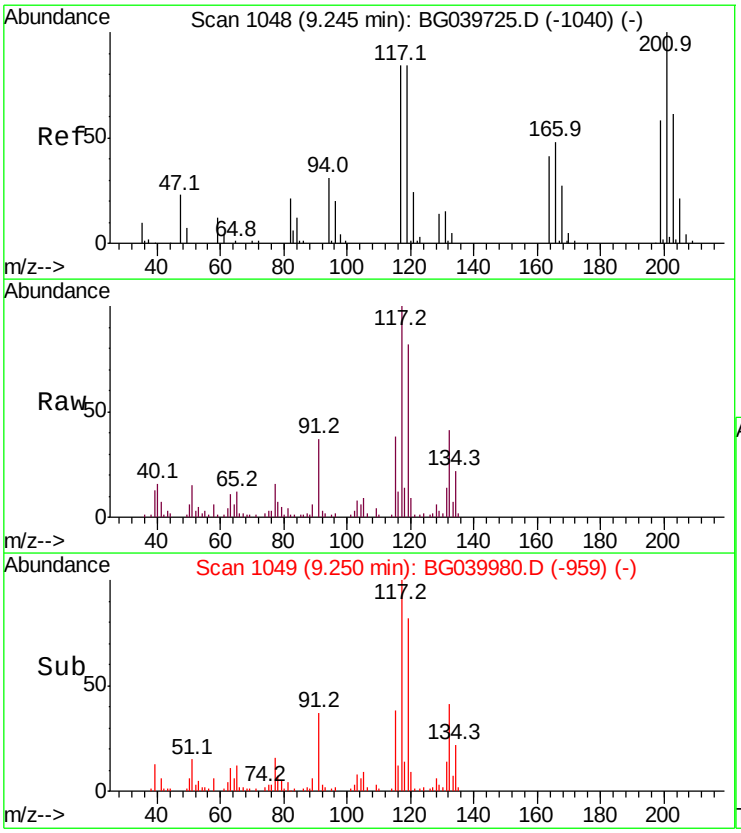
#7
Phenol-d6
Concen: 40.068 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion: 99 Resp: 151494

Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.2	27.2
71	36.2	28.0	42.0

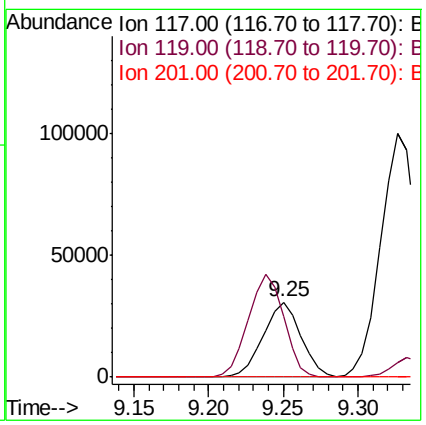


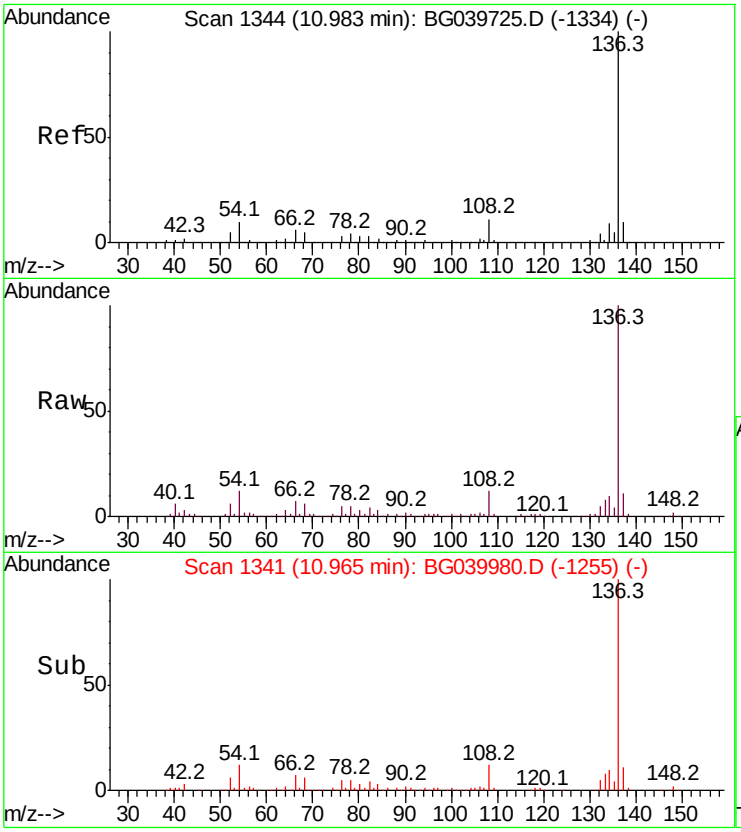


#18
Hexachloroethane
Concen: 42.705 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion:117 Resp: 54305

Ion	Ratio	Lower	Upper
117	100		
119	81.5	76.3	114.5
201	0.0	91.1	136.7#



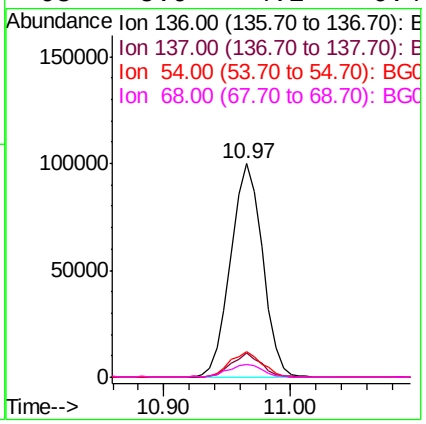


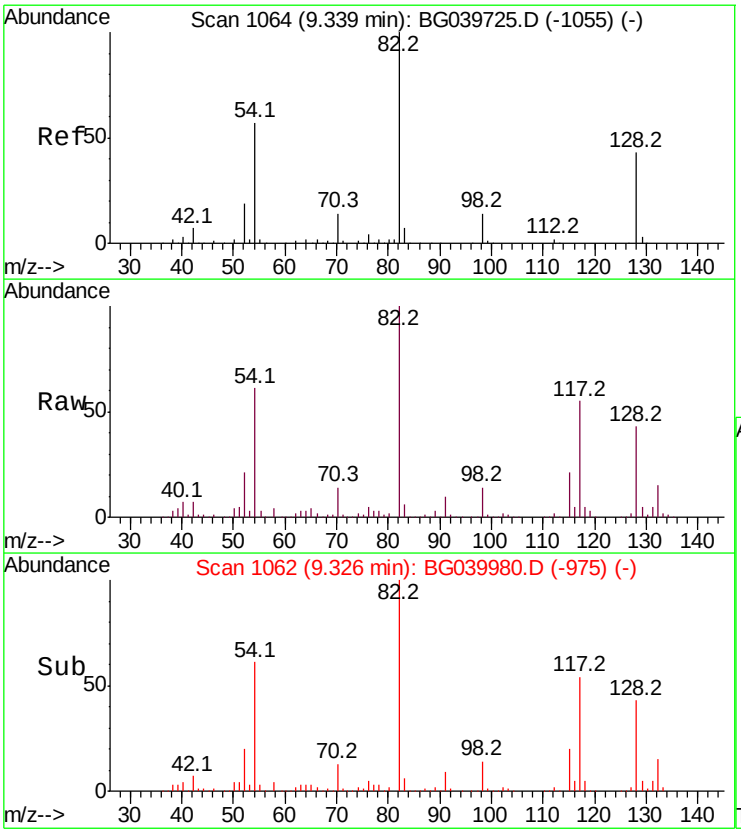
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion:136 Resp: 174254

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	12.2	9.4	14.2
68	5.9	4.2	6.4

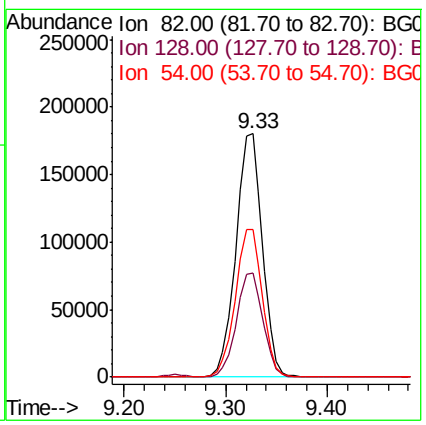


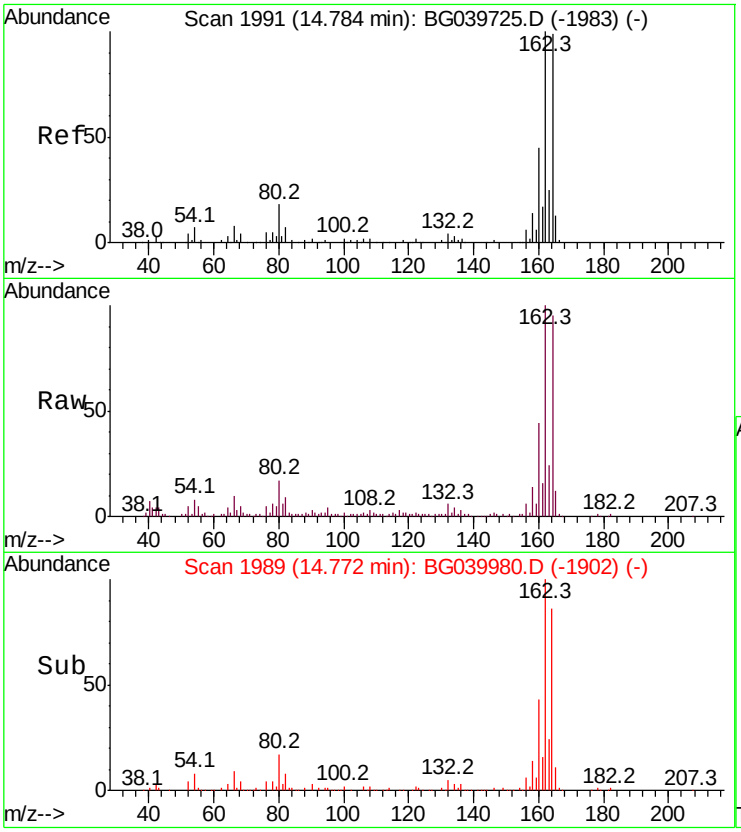


#23
Nitrobenzene-d5
Concen: 101.111 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion: 82 Resp: 325772

Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	60.8	50.9	76.3



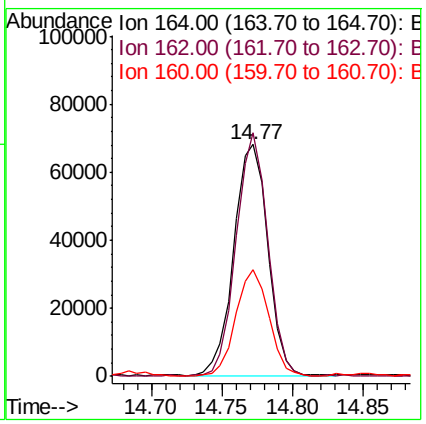


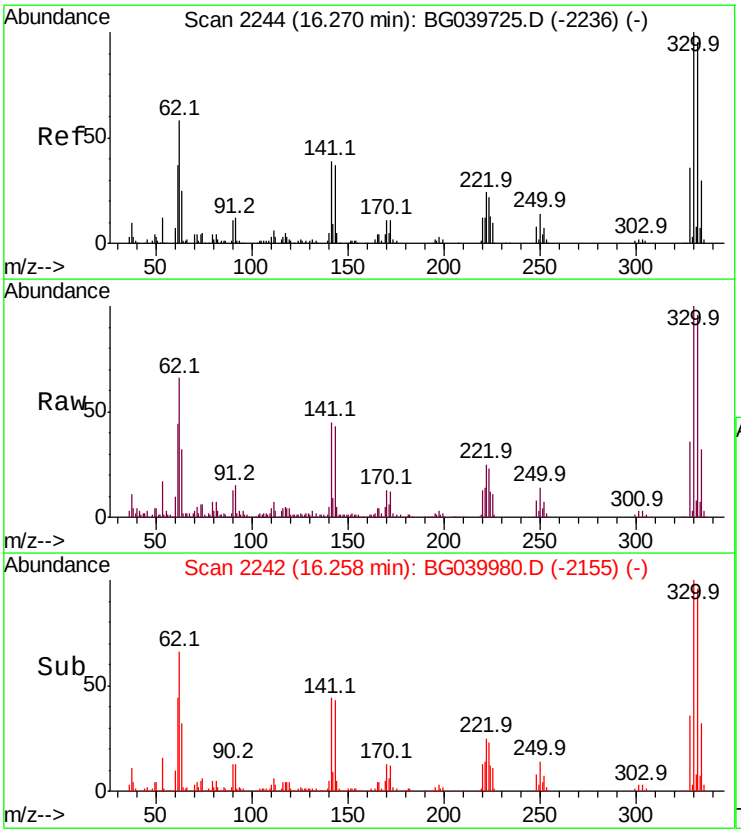
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion:164 Resp: 114657

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.6	122.4
160	46.2	34.2	51.2

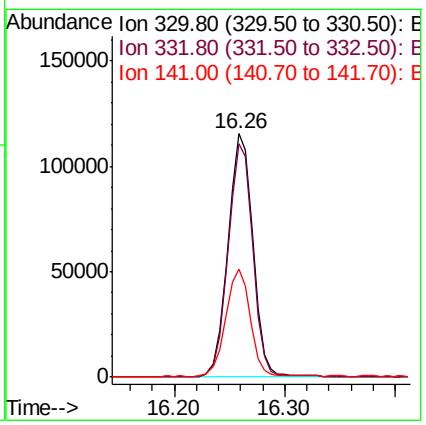


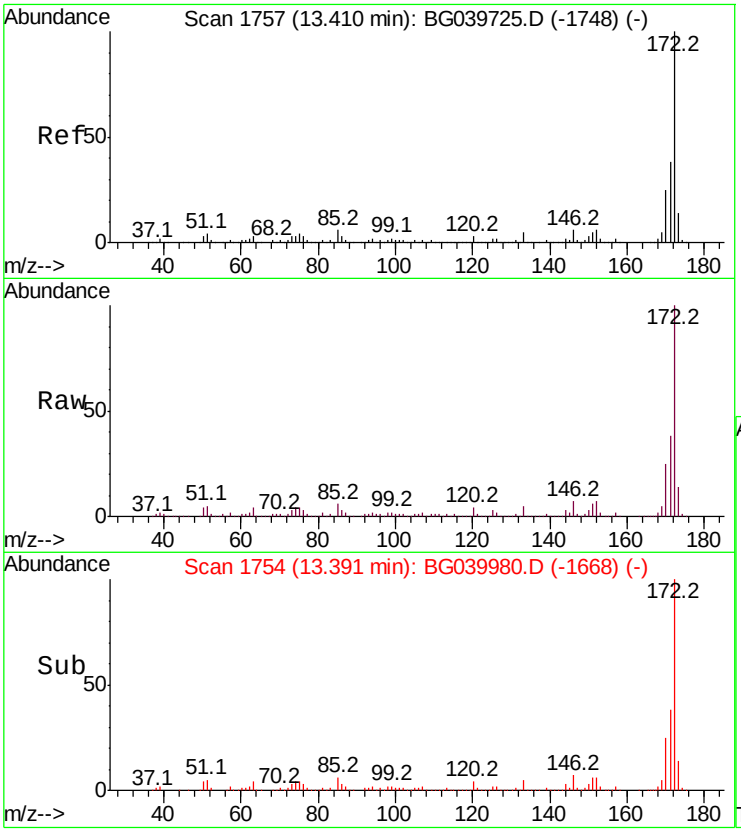


#42
2,4,6-Tribromophenol
Concen: 137.321 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion:330 Resp: 183518

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.7	113.5
141	43.2	35.6	53.4



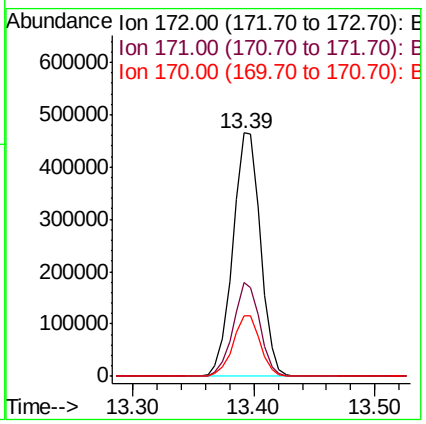


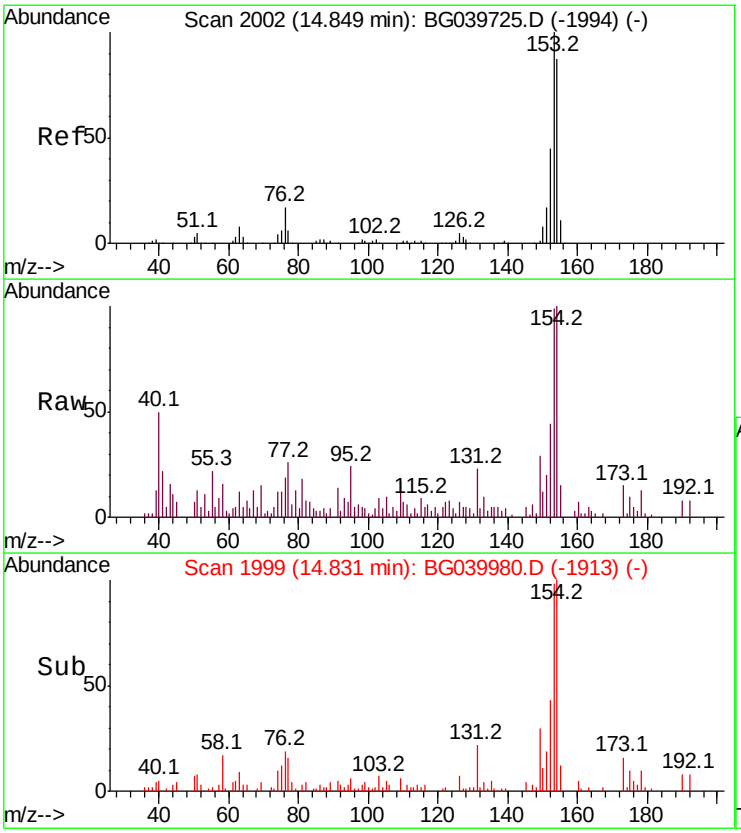
#45
2-Fluorobiphenyl
Concen: 91.659 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion:172 Resp: 738102

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	24.9	20.2	30.4

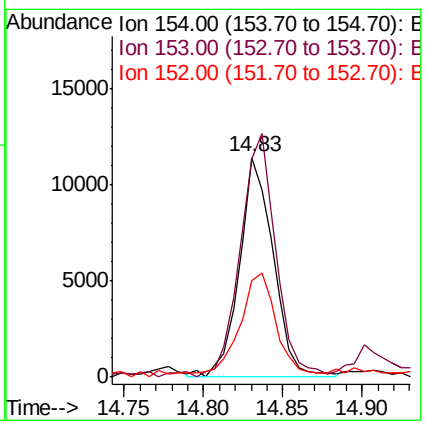


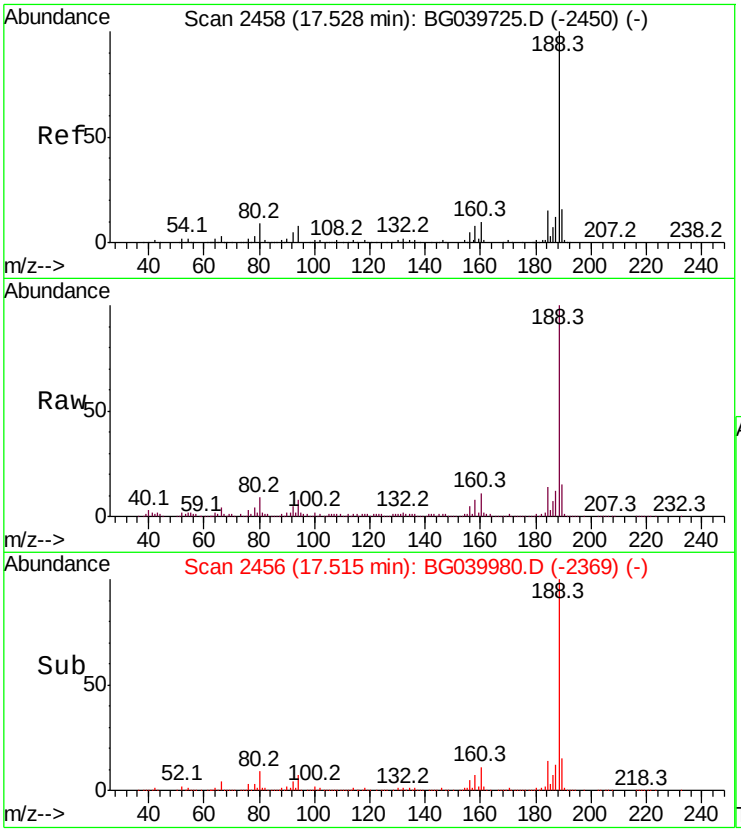


#52
Acenaphthene
Concen: 2.422 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion:154 Resp: 16978

Ion	Ratio	Lower	Upper
154	100		
153	99.4	90.1	135.1
152	43.8	40.9	61.3



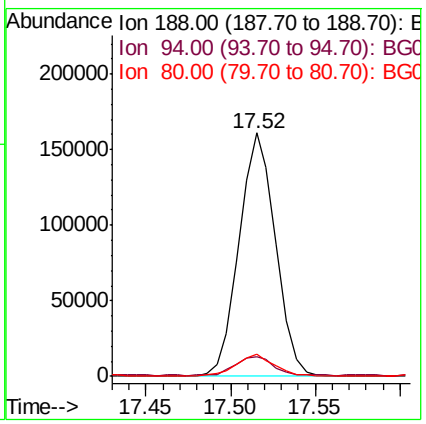


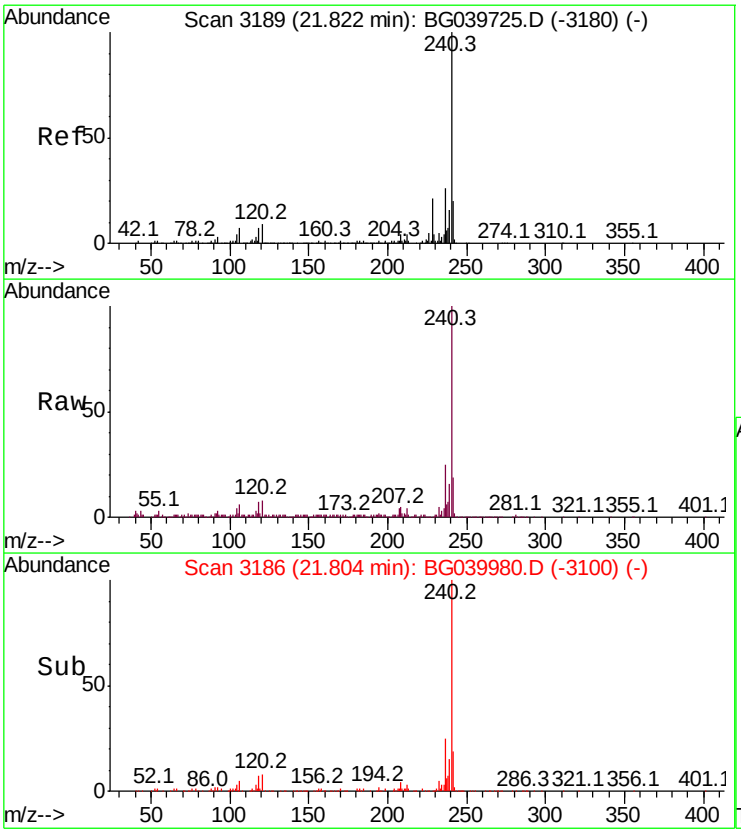
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion:188 Resp: 240717

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	9.2	8.1	12.1

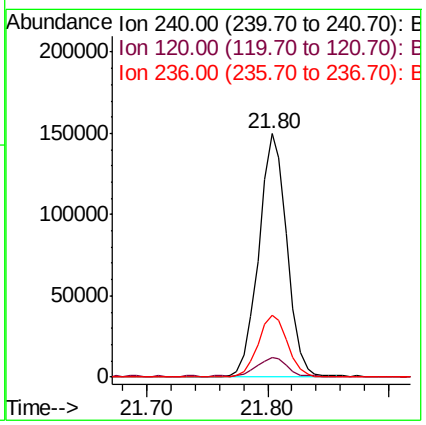


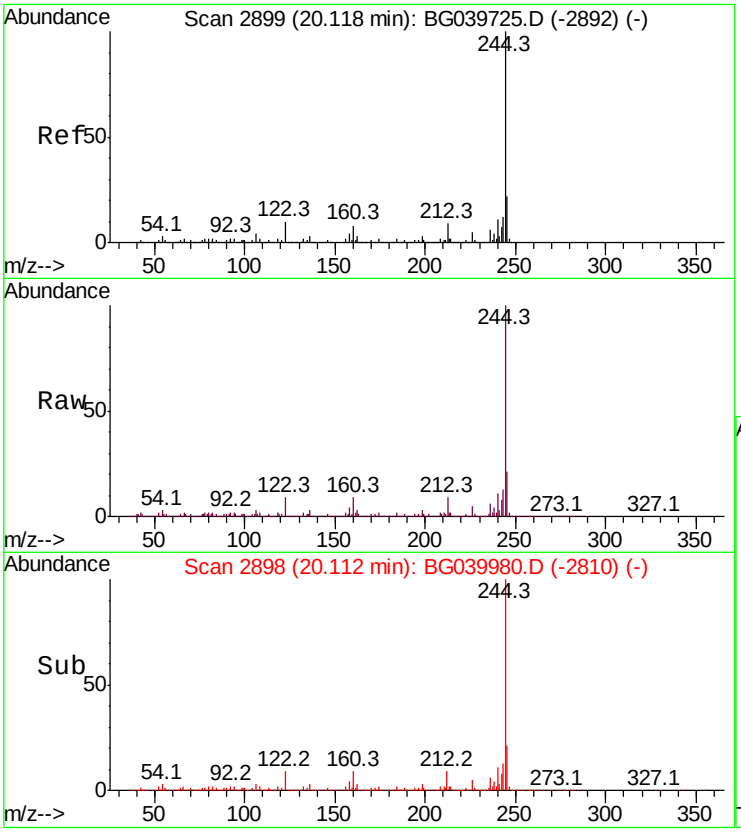


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion:240 Resp: 241631

Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.0	10.6
236	25.4	21.0	31.4



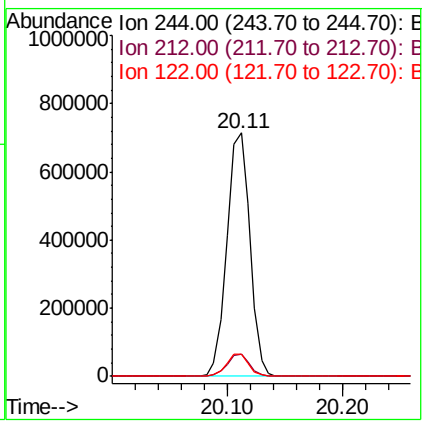


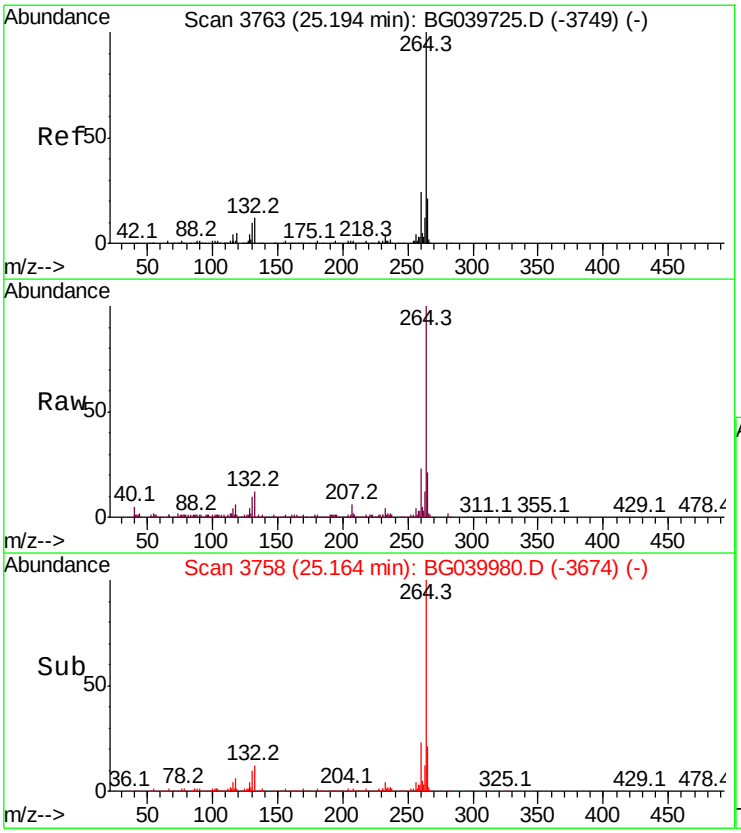
#79
Terphenyl-d14
Concen: 89.521 ng
RT: 20.11 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Instrument :
BNA_G
ClientSampleId :
TW-3

Tgt Ion:244 Resp: 982419

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.3	10.9
122	9.0	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG039980.D
Acq: 18 Mar 2019 21:54

Tgt Ion:264 Resp: 251860

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	20.9	18.5	27.7