Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
Data File : BG039916.D
Acq On : 14 Mar 2019 00:02
Operator : JU/SJ
Sample : K1870-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2

Quant Time: Mar 14 04:48:11 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	43821	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	179283	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	118283	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	287607	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	318322	20.00	ng	-0.03
87) Perylene-d12	25.16	264	315357	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	317277	123.52	ng	-0.02
7) Phenol-d6	7.29	99	396580	103.55	ng	-0.02
23) Nitrobenzene-d5	9.32	82	323485	97.59	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	191831	139.14	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	766135	92.22	ng	-0.02
79) Terphenyl-d14	20.11	244	1286252	88.97	ng	-0.02
Target Compounds						Qvalue

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

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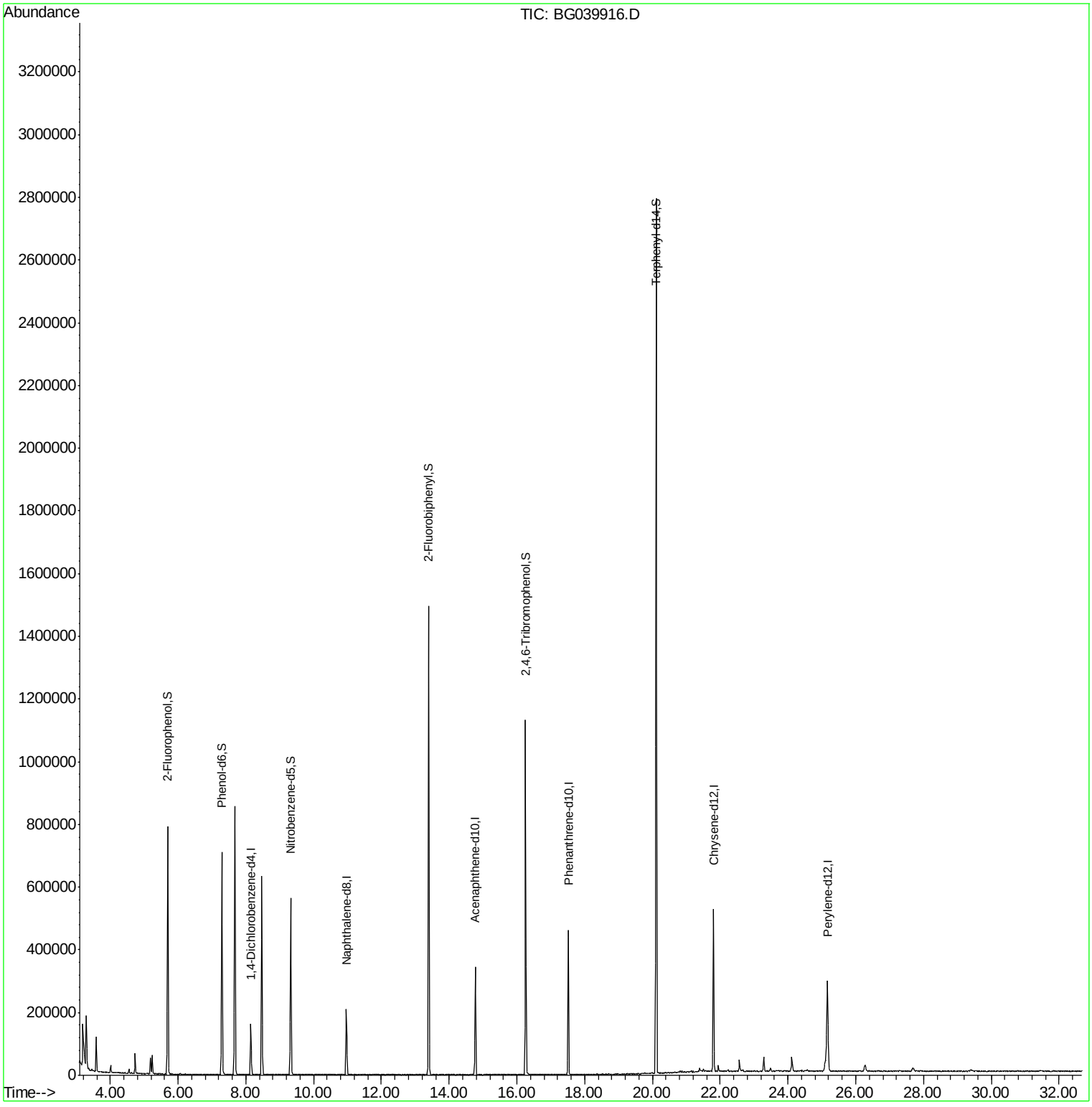
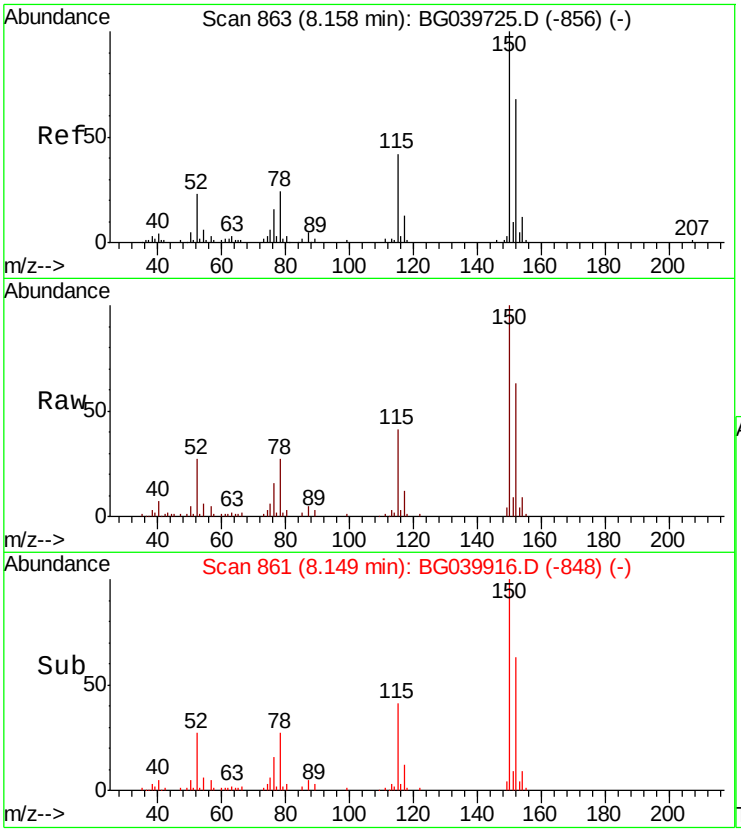


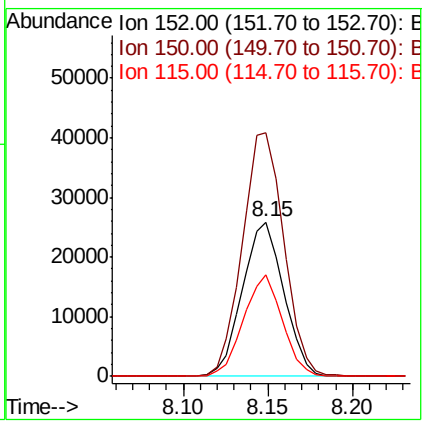


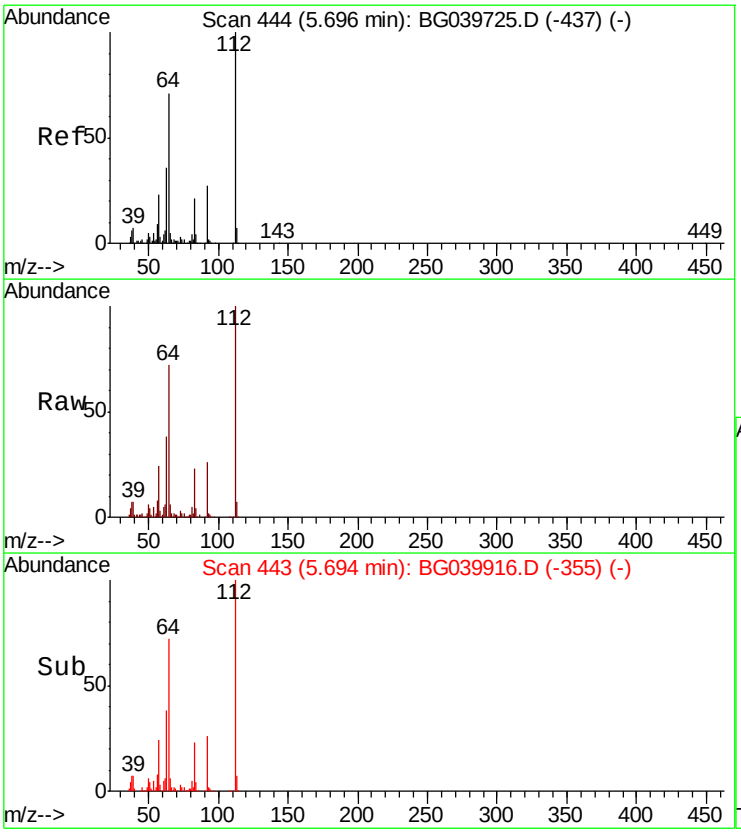
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039916.D
Acq: 14 Mar 2019 00:02

Instrument :
BNA_G
ClientSampleId :
SP-2

Tgt Ion:152 Resp: 43821

Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.7	185.5
115	65.3	45.9	68.9

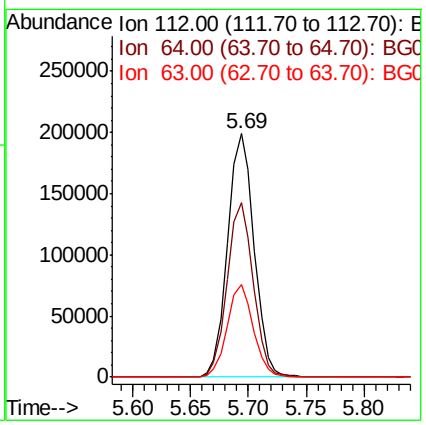


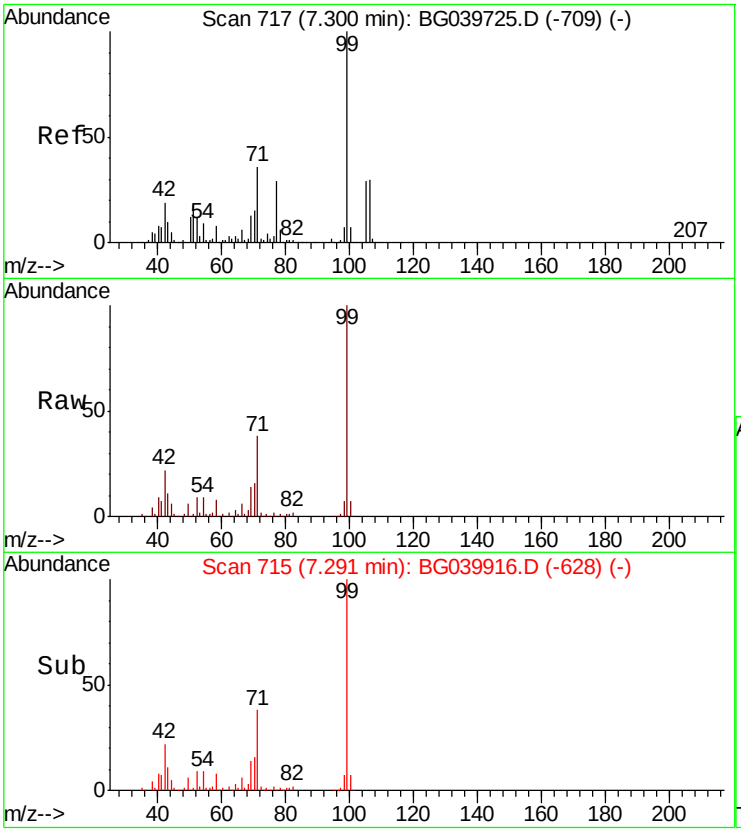


#5
2-Fluorophenol
Concen: 123.520 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039916.D
Acq: 14 Mar 2019 00:02

Tgt Ion:112 Resp: 317277

Ion	Ratio	Lower	Upper
112	100		
64	71.7	57.8	86.8
63	37.9	29.8	44.6



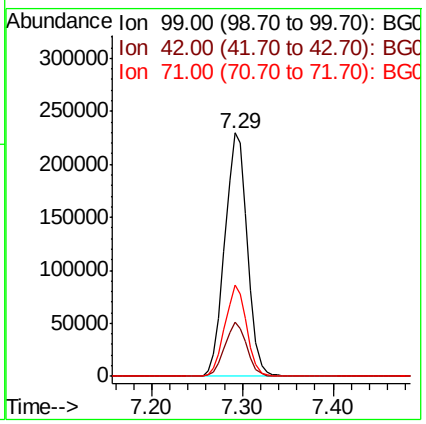


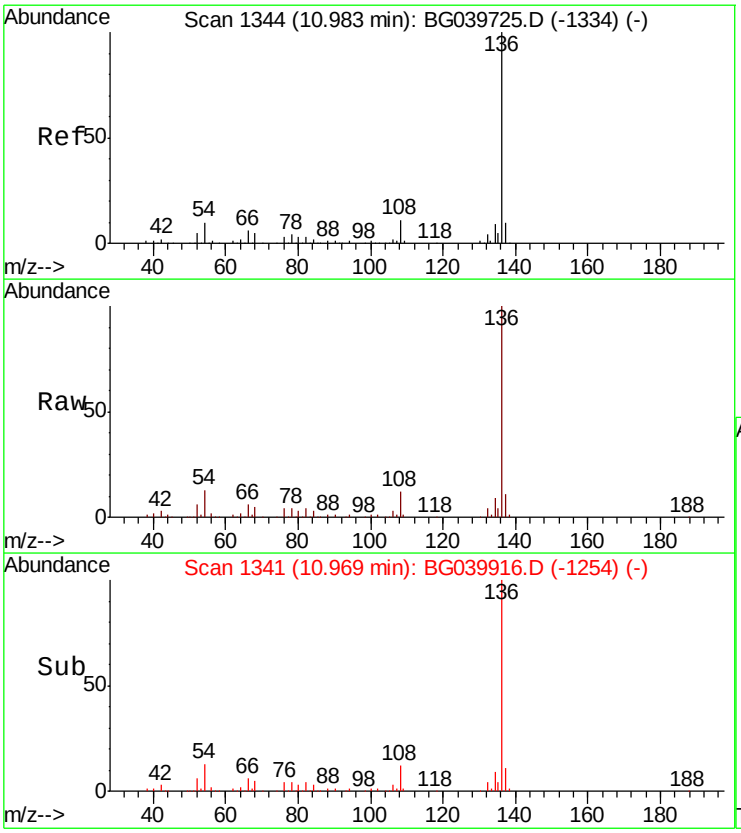
#7
Phenol-d6
Concen: 103.546 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG039916.D
Acq: 14 Mar 2019 00:02

Instrument :
BNA_G
ClientSampleId :
SP-2

Tgt Ion: 99 Resp: 396580

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.2	27.2
71	37.6	28.0	42.0

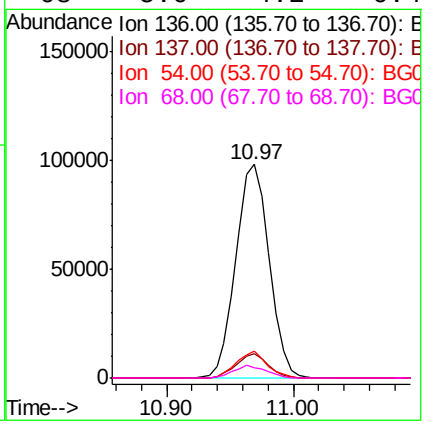


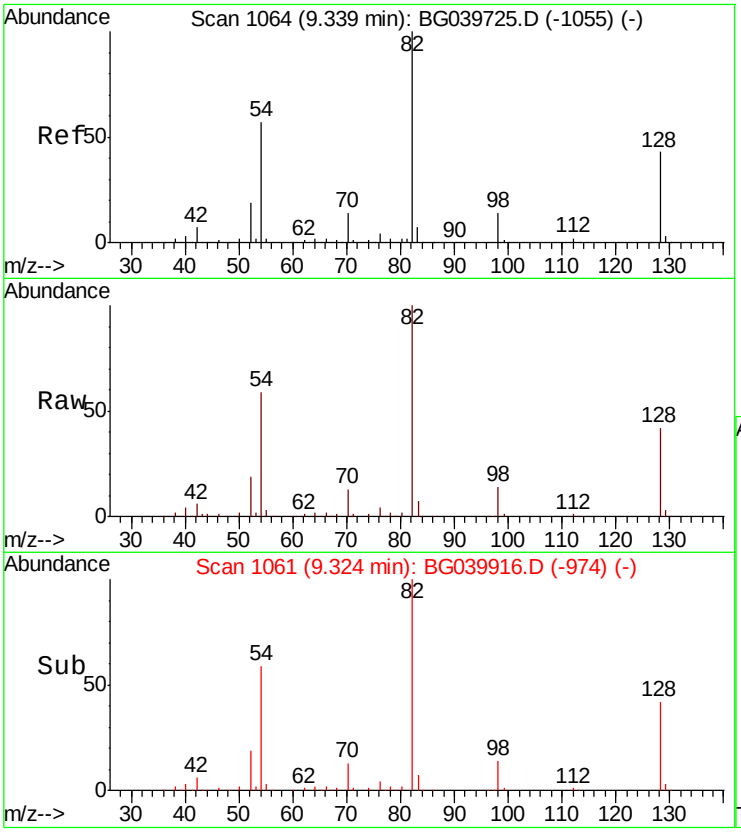


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039916.D
Acq: 14 Mar 2019 00:02

Tgt Ion:136 Resp: 179283

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	12.7	9.4	14.2
68	5.0	4.2	6.4



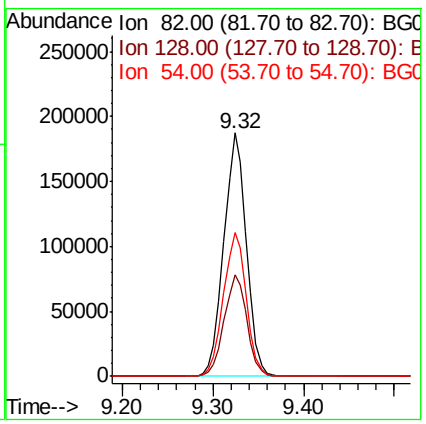


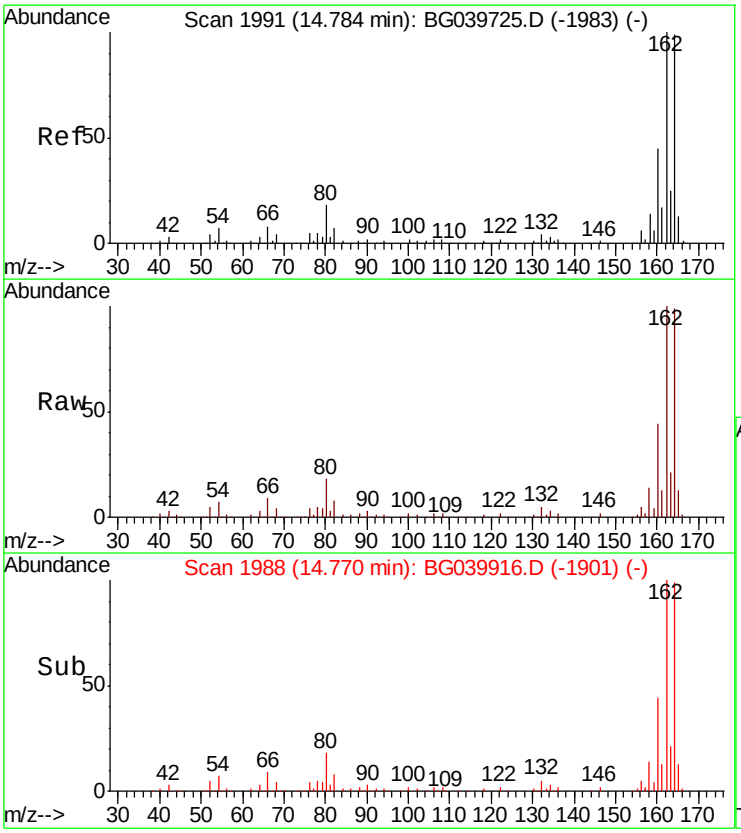
#23
Nitrobenzene-d5
Concen: 97.585 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039916.D
Acq: 14 Mar 2019 00:02

Instrument :
BNA_G
ClientSampleId :
SP-2

Tgt Ion: 82 Resp: 323485

Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.3	46.9
54	58.9	50.9	76.3

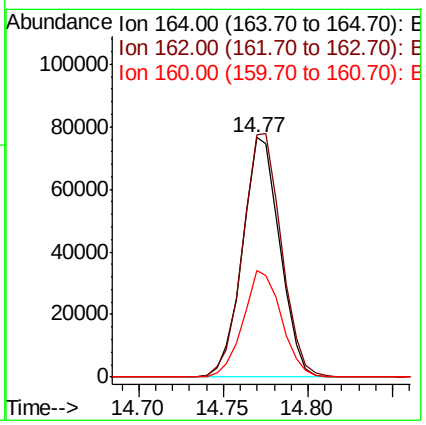


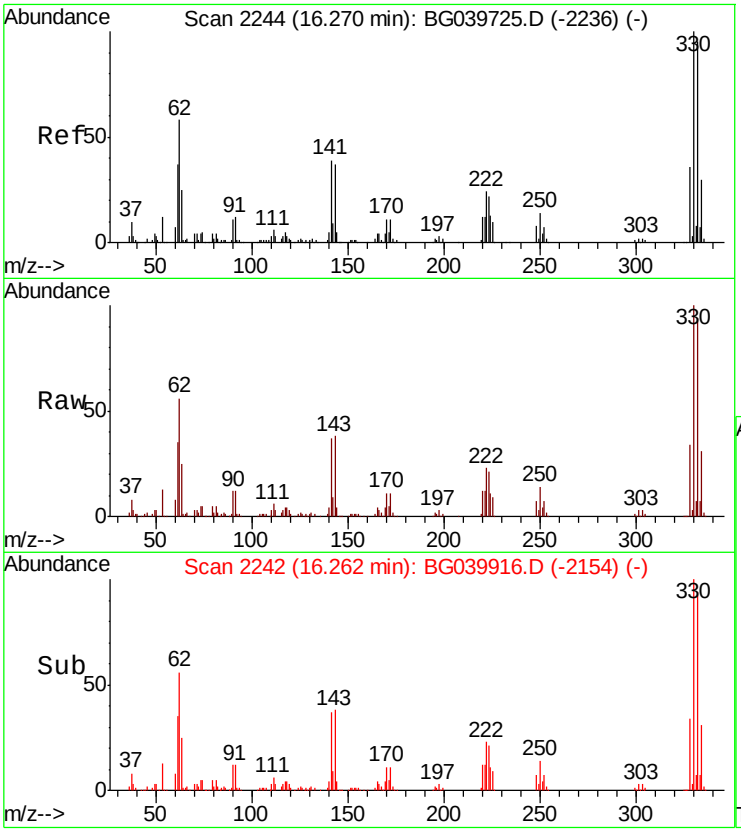


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG039916.D
Acq: 14 Mar 2019 00:02

Tgt Ion:164 Resp: 118283

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.6	122.4
160	44.4	34.2	51.2



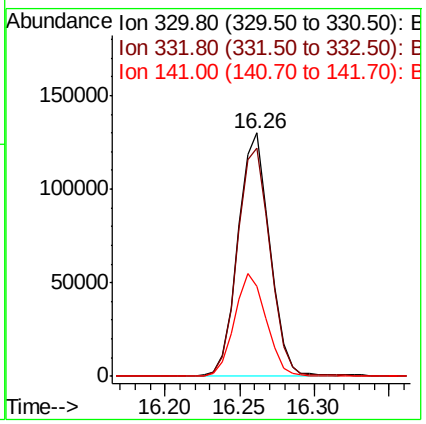


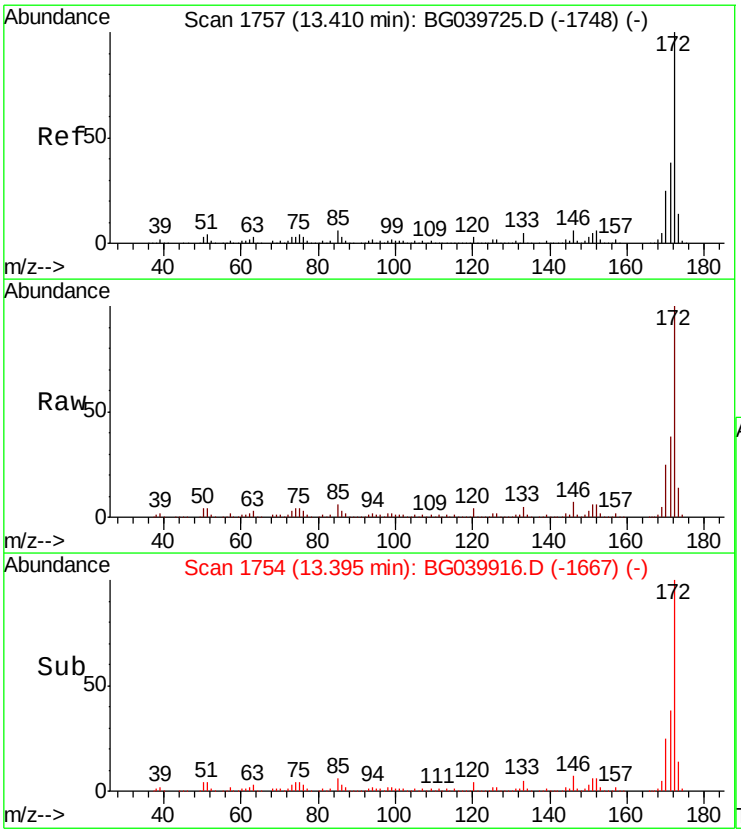
#42
2,4,6-Tribromophenol
Concen: 139.142 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG039916.D
Acq: 14 Mar 2019 00:02

Instrument :
BNA_G
ClientSampleId :
SP-2

Tgt Ion:330 Resp: 191831

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.7	113.5
141	42.6	35.6	53.4

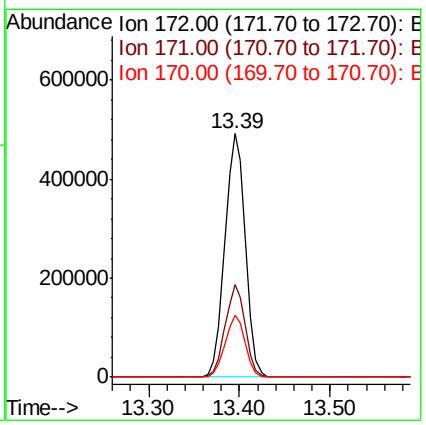


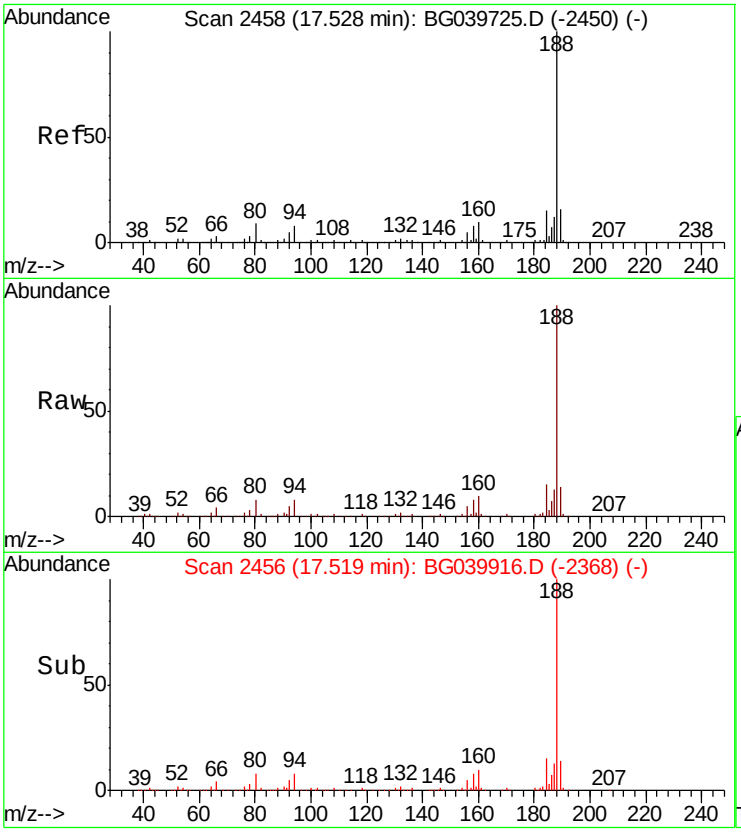


#45
2-Fluorobiphenyl
Concen: 92.223 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039916.D
Acq: 14 Mar 2019 00:02

Tgt Ion:172 Resp: 766135

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.2	20.2	30.4



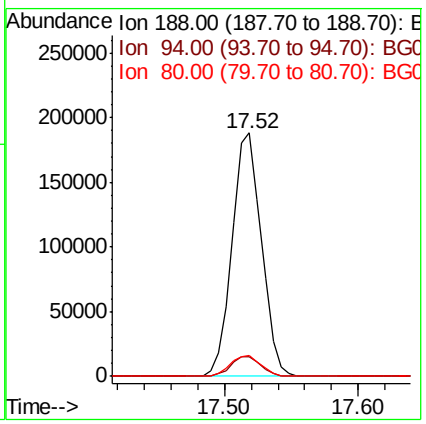


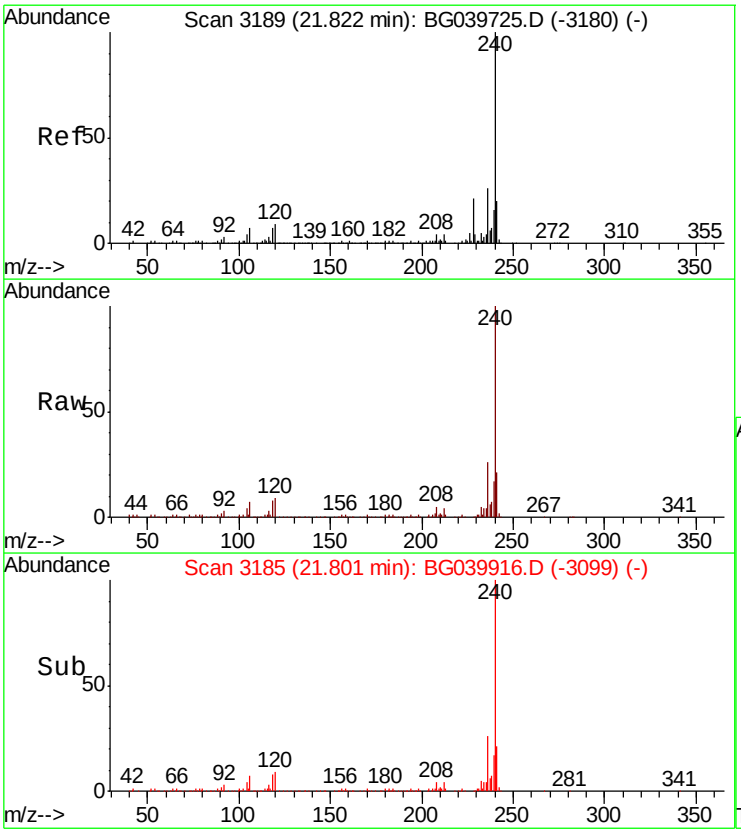
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039916.D
Acq: 14 Mar 2019 00:02

Instrument :
BNA_G
ClientSampleId :
SP-2

Tgt Ion:188 Resp: 287607

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	8.4	8.1	12.1

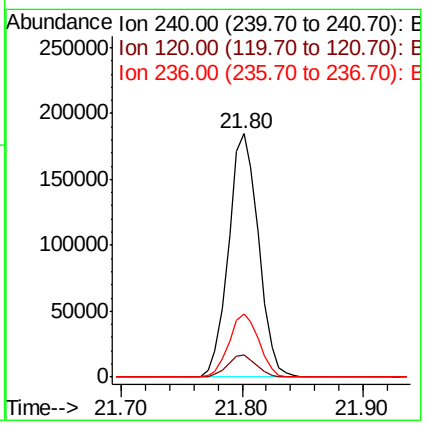


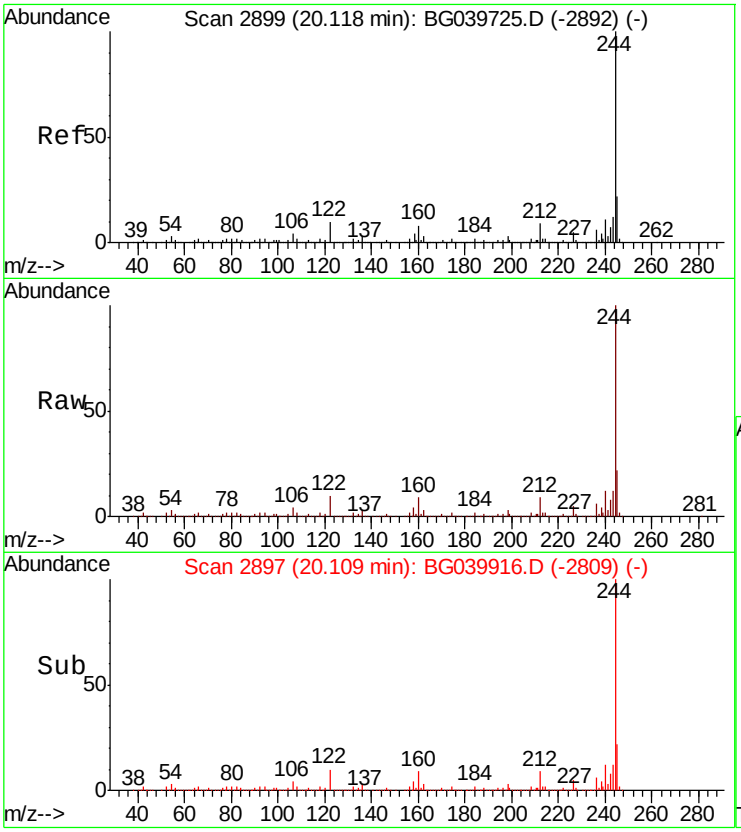


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG039916.D
Acq: 14 Mar 2019 00:02

Tgt Ion:240 Resp: 318322

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	26.1	21.0	31.4



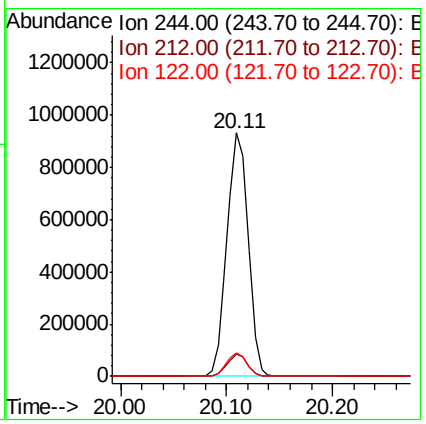


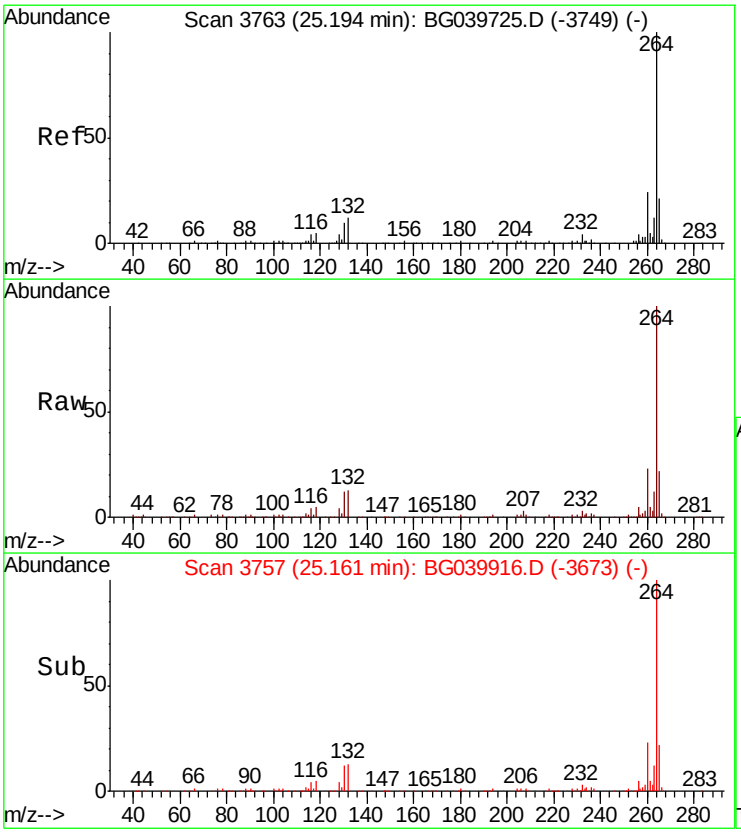
#79
Terphenyl-d14
Concen: 88.969 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG039916.D
Acq: 14 Mar 2019 00:02

Instrument :
BNA_G
ClientSampleId :
SP-2

Tgt Ion:244 Resp: 1286252

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.7	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG039916.D
Acq: 14 Mar 2019 00:02

Tgt Ion:264 Resp: 315357

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	22.1	18.5	27.7