Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
Data File : BG039791.D
Acq On : 6 Mar 2019 17:27
Operator : JU/SJ
Sample : K1707-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S10

Quant Time: Mar 07 00:45:02 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	8.16	152	47784	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	208086	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	150584	20.00	ng	-0.01
64) Phenanthrene-d10	17.53	188	378261	20.00	ng	0.00
76) Chrysene-d12	21.82	240	382008	20.00	ng	-0.01
87) Perylene-d12	25.18	264	384684	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	312491	111.57	ng	0.00
7) Phenol-d6	7.30	99	409284	98.00	ng	-0.01
23) Nitrobenzene-d5	9.33	82	306953	79.78	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	205027	116.81	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	766138	72.44	ng	-0.01
79) Terphenyl-d14	20.12	244	1313680	75.72	ng	0.00
Target Compounds						Qvalue

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

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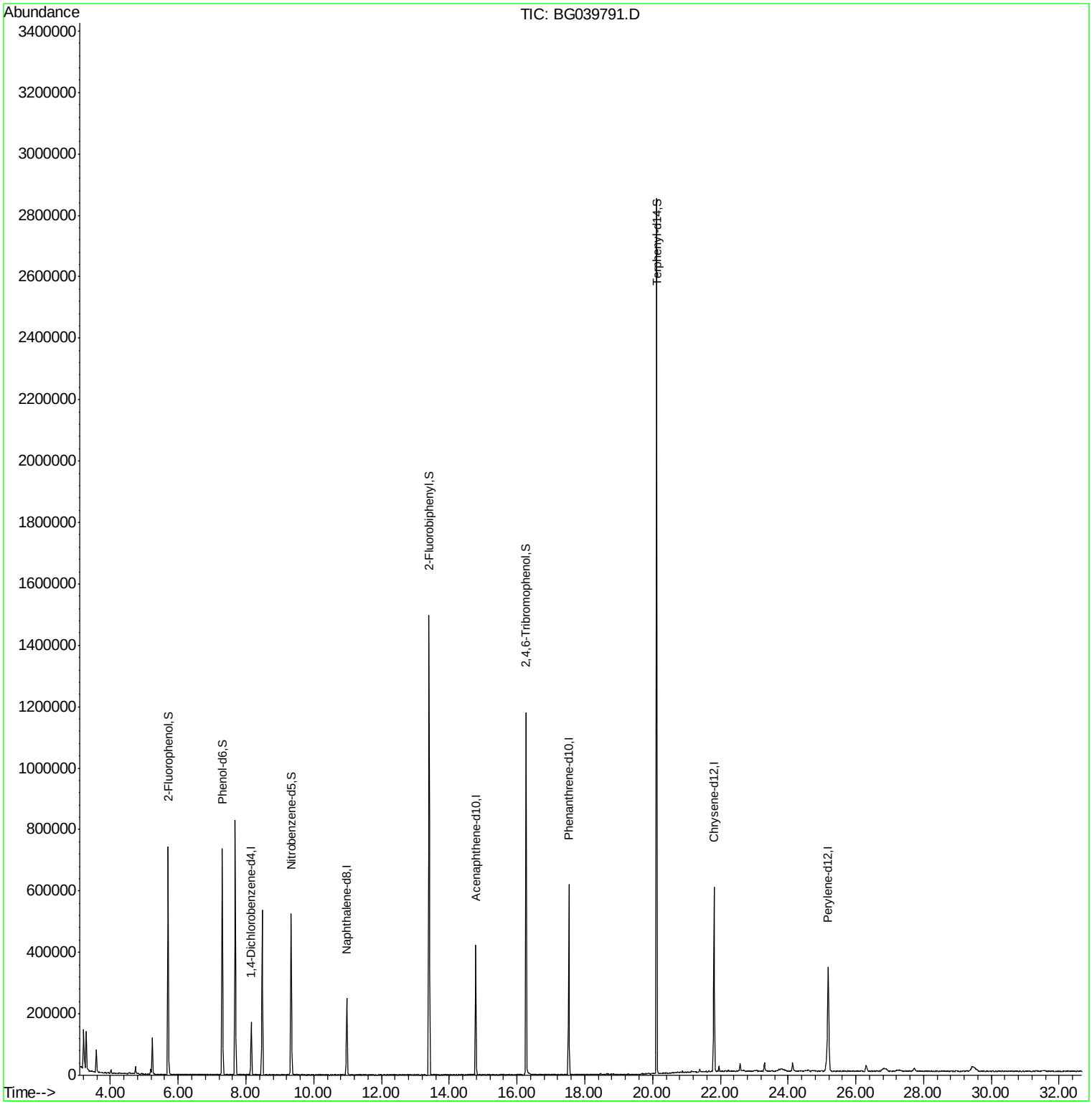
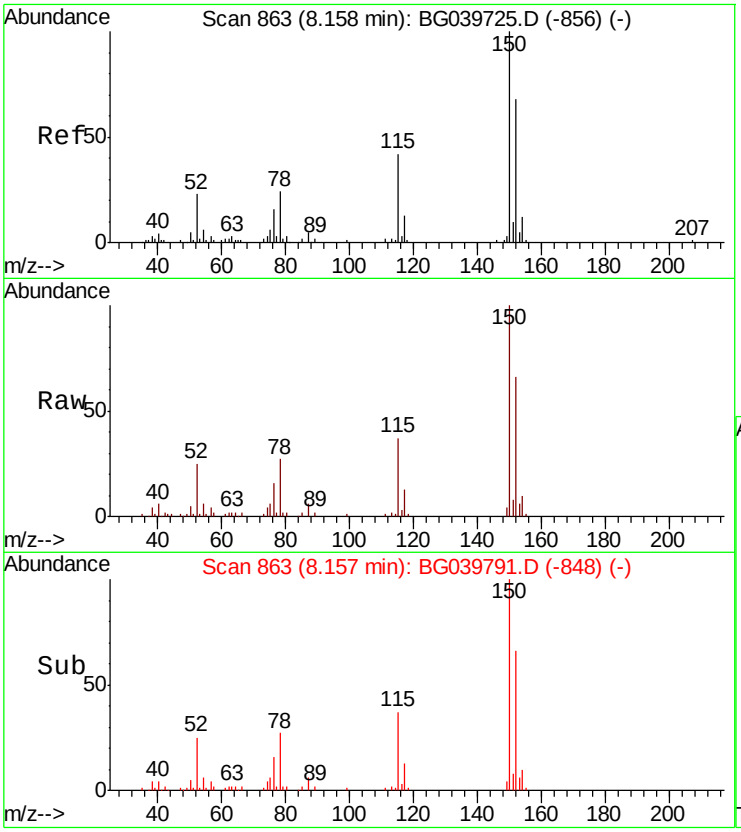


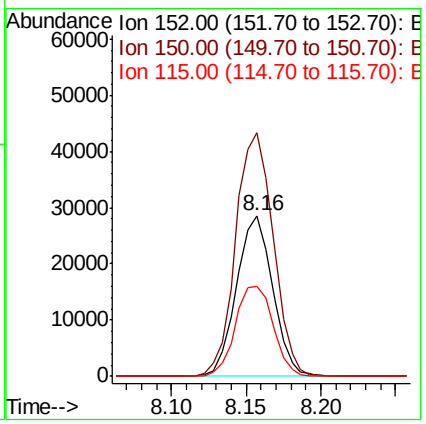


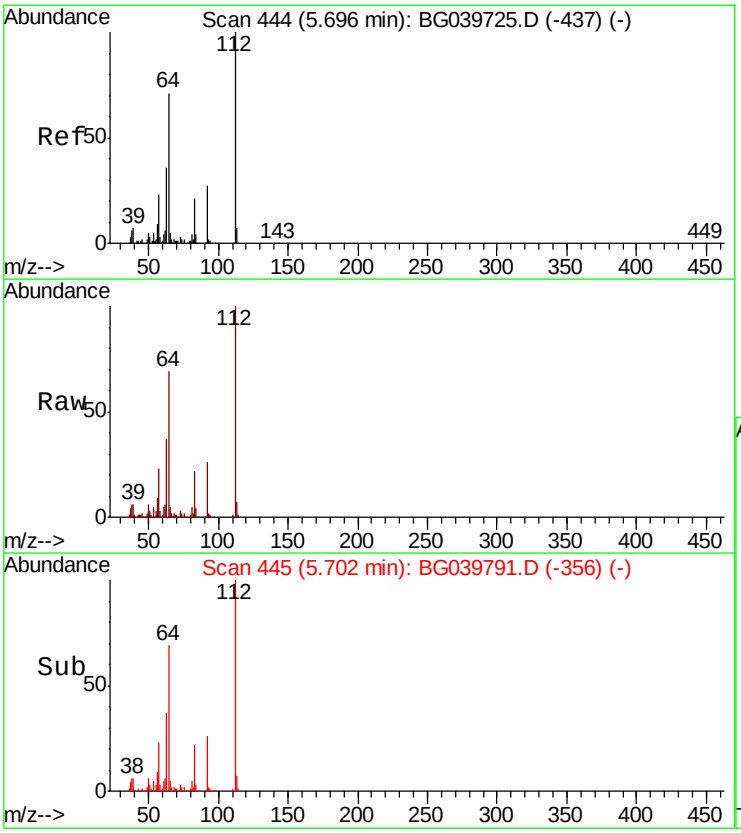
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Instrument :
BNA_G
ClientSampleId :
S10

Tgt Ion:152 Resp: 47784

Ion	Ratio	Lower	Upper
152	100		
150	151.3	123.7	185.5
115	55.7	45.9	68.9

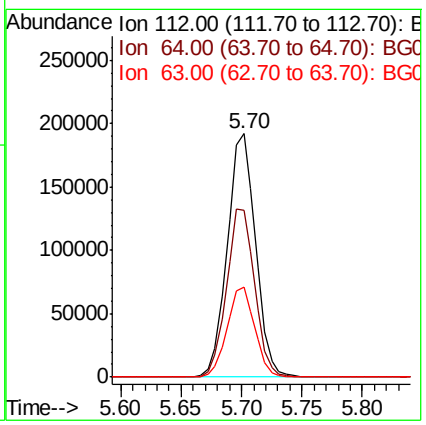


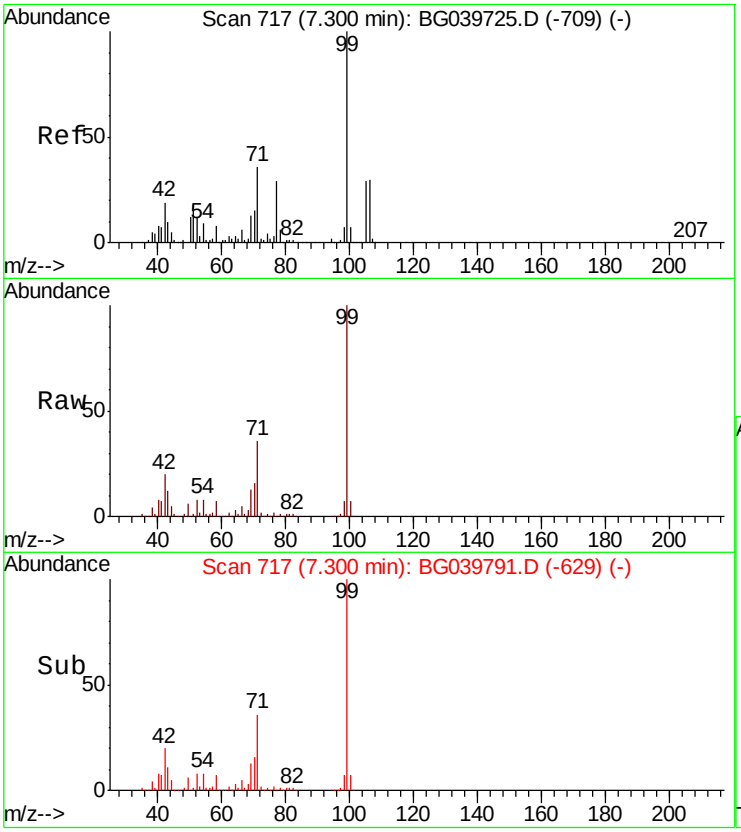


#5
2-Fluorophenol
Concen: 111.567 ng
RT: 5.70 min Scan# 445
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Tgt Ion:112 Resp: 312491

Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.8	86.8
63	37.0	29.8	44.6



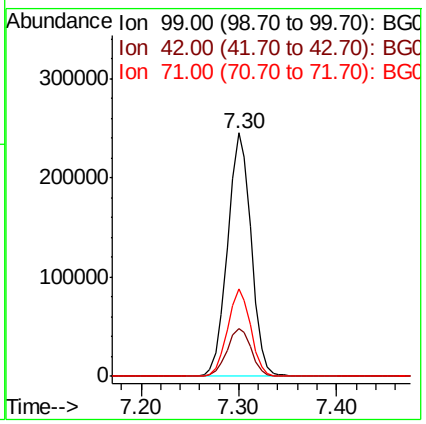


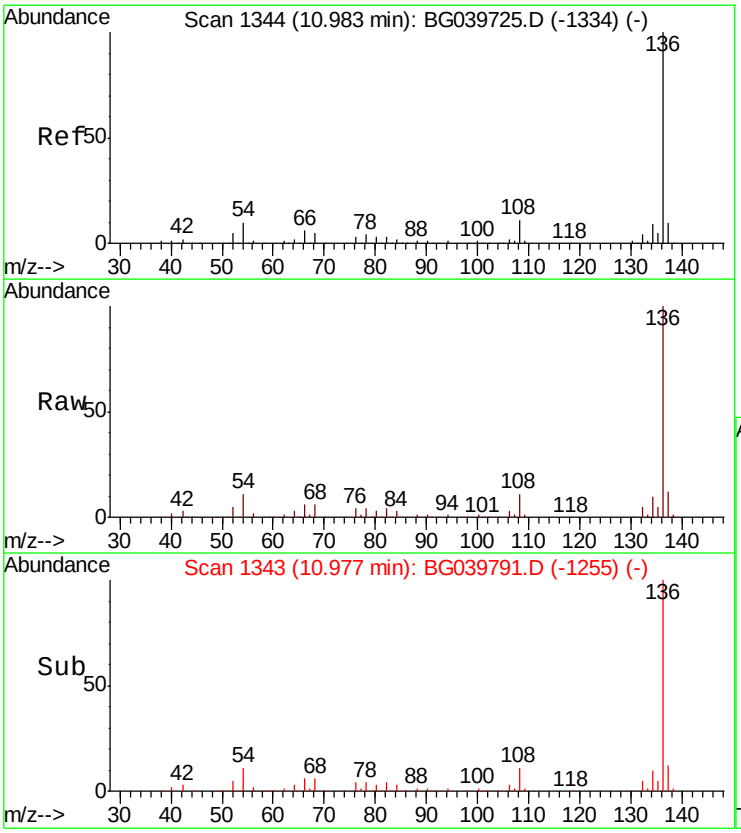
#7
Phenol-d6
Concen: 98.001 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Instrument :
BNA_G
ClientSampleId :
S10

Tgt Ion: 99 Resp: 409284

Ion	Ratio	Lower	Upper
99	100		
42	19.6	18.2	27.2
71	35.7	28.0	42.0

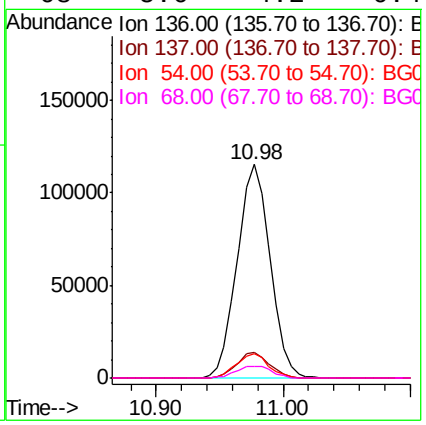


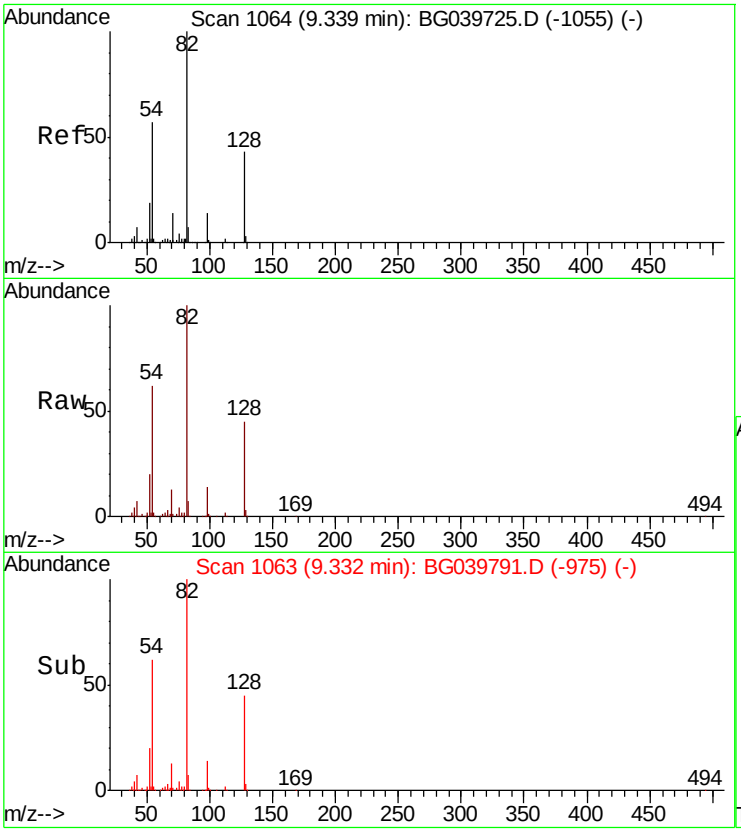


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Tgt Ion:136 Resp: 208086

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	11.5	9.4	14.2
68	5.6	4.2	6.4



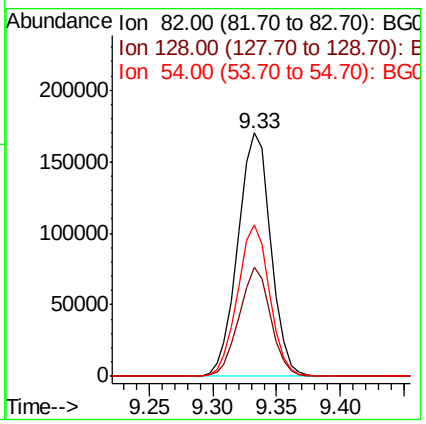


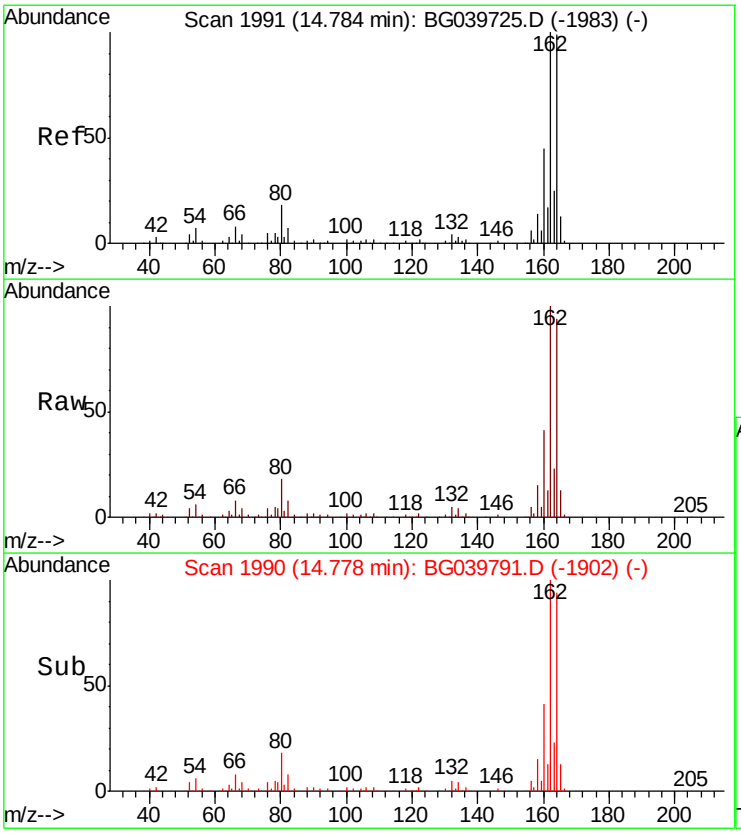
#23
Nitrobenzene-d5
Concen: 79.781 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Instrument :
BNA_G
ClientSampleId :
S10

Tgt Ion: 82 Resp: 306953

Ion	Ratio	Lower	Upper
82	100		
128	45.0	31.3	46.9
54	62.2	50.9	76.3

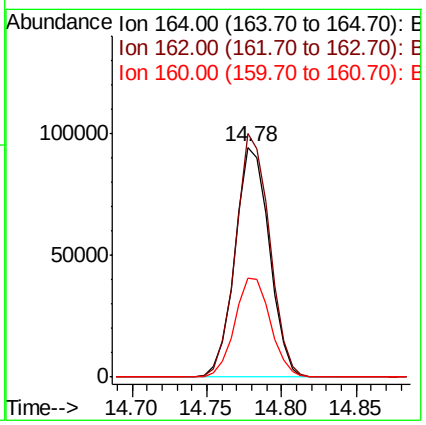


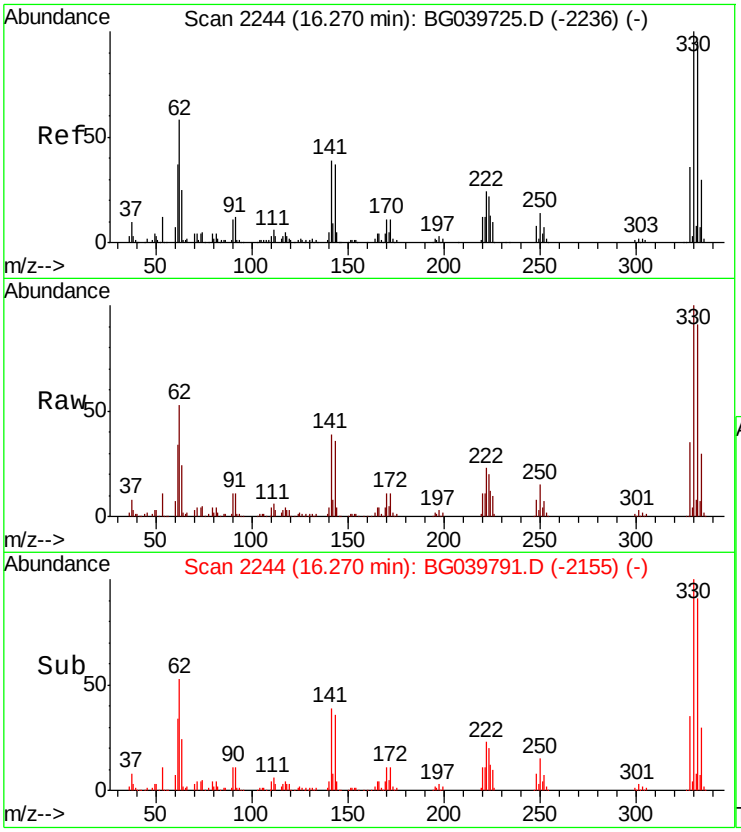


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Tgt Ion:164 Resp: 150584

Ion	Ratio	Lower	Upper
164	100		
162	106.0	81.6	122.4
160	43.1	34.2	51.2



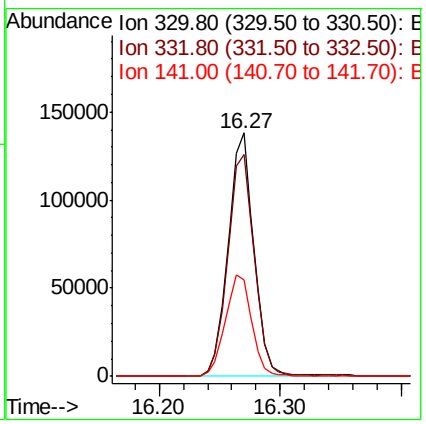


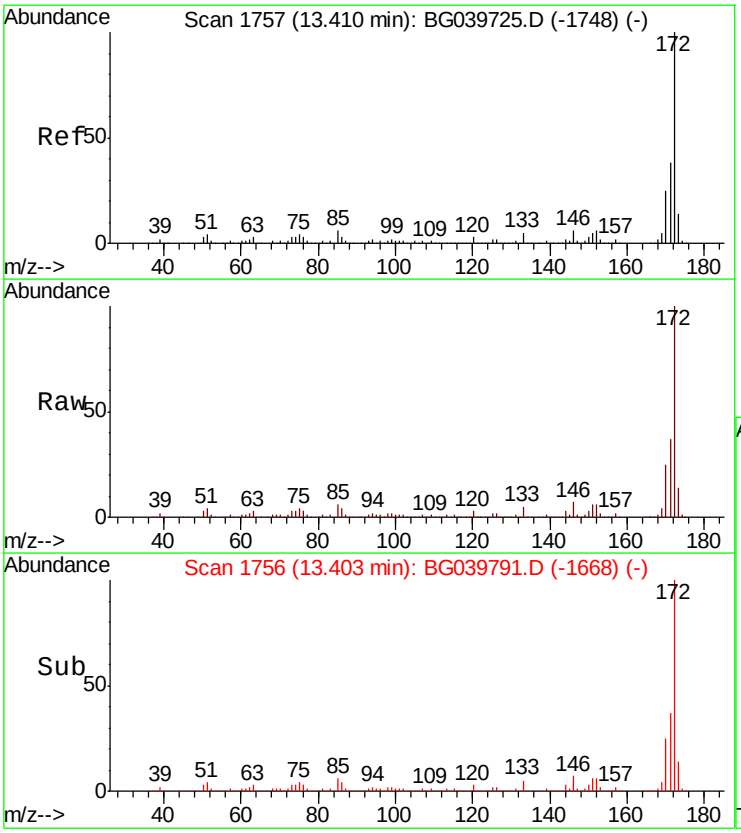
#42
2,4,6-Tribromophenol
Concen: 116.813 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Instrument :
BNA_G
ClientSampleId :
S10

Tgt Ion:330 Resp: 205027

Ion	Ratio	Lower	Upper
330	100		
332	94.2	75.7	113.5
141	42.6	35.6	53.4

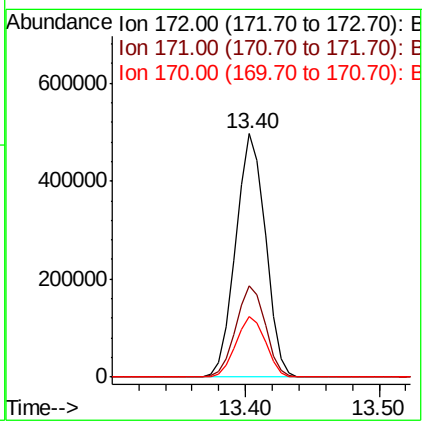


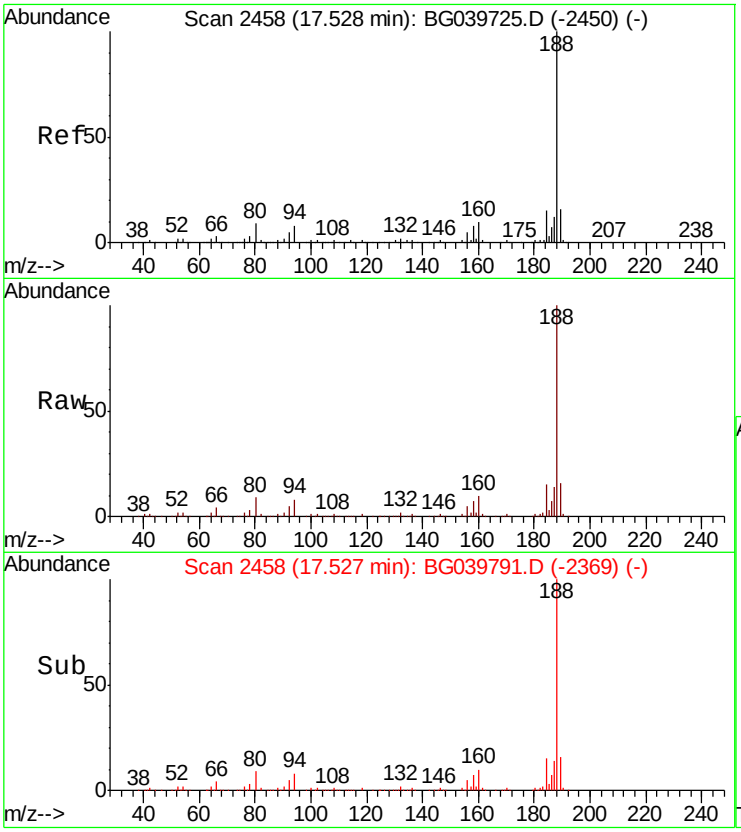


#45
2-Fluorobiphenyl
Concen: 72.441 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Tgt Ion:172 Resp: 766138

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	24.7	20.2	30.4



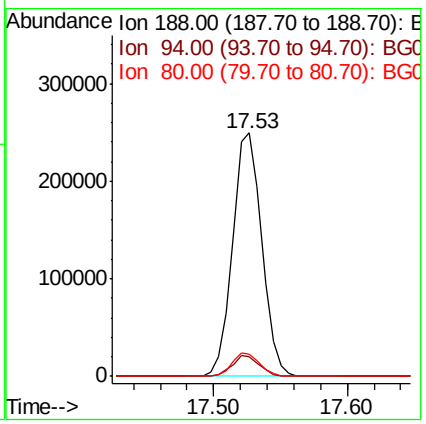


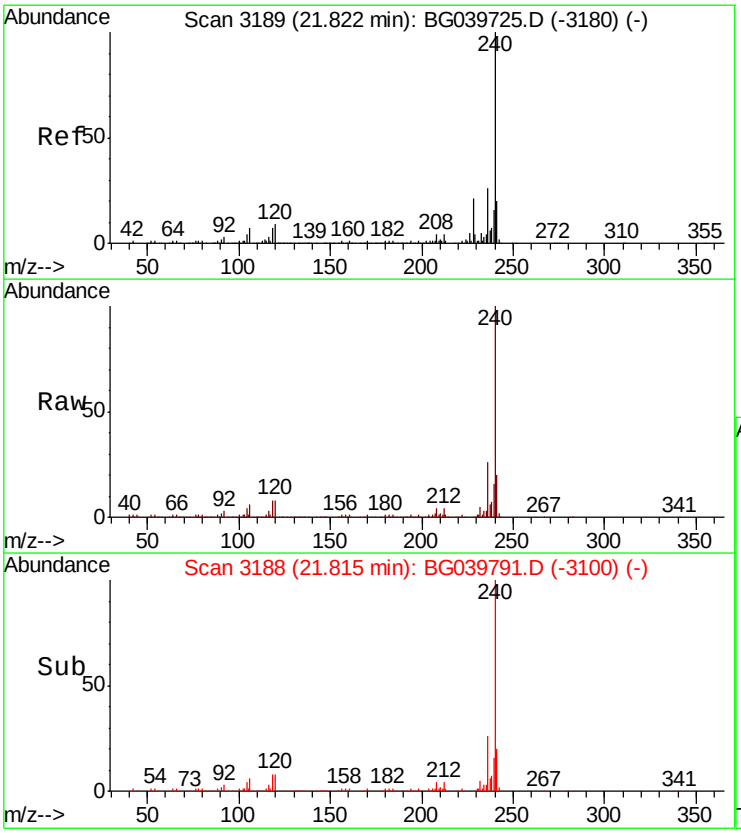
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Instrument :
BNA_G
ClientSampleId :
S10

Tgt Ion:188 Resp: 378261

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.3	8.1	12.1

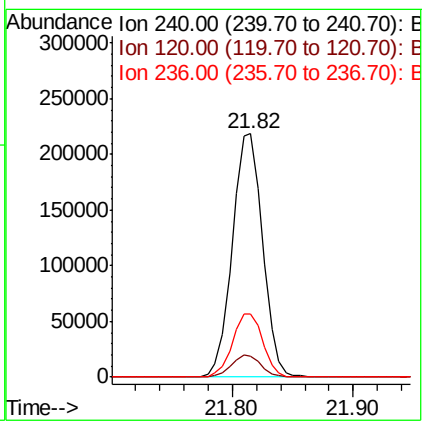


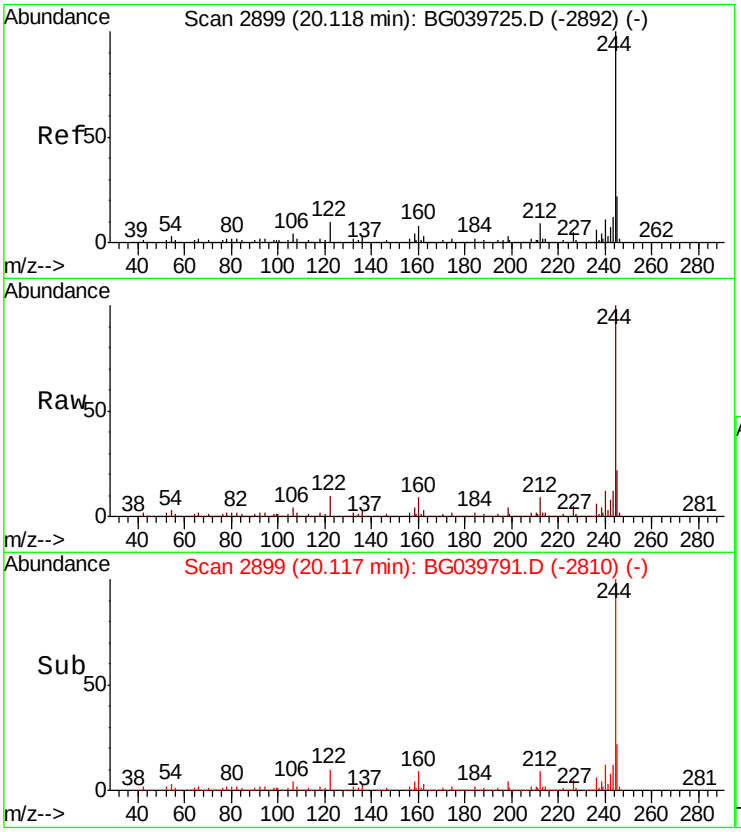


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Tgt Ion:240 Resp: 382008

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.0	10.6
236	25.8	21.0	31.4



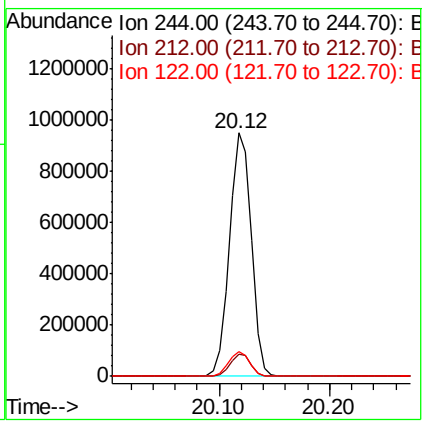


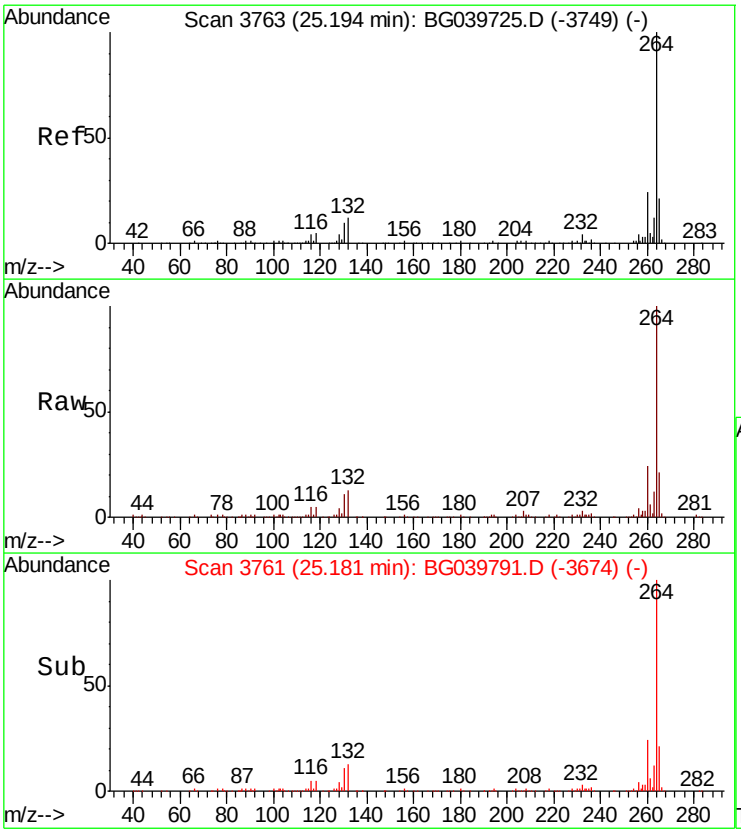
#79
Terphenyl-d14
Concen: 75.717 ng
RT: 20.12 min Scan# 2899
Delta R.T. -0.01 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Instrument :
BNA_G
ClientSampleId :
S10

Tgt Ion:244 Resp: 1313680

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.0	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.02 min
Lab File: BG039791.D
Acq: 6 Mar 2019 17:27

Tgt Ion:264 Resp: 384684

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.6	18.5	27.7