Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040850.D
Acq On : 10 May 2019 14:05
Operator : HP/JU
Sample : K2764-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS009-0206-01

Quant Time: May 10 17:19:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	64985	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	273712	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	201850	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	490234	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	465936	20.00	ng	-0.03
87) Perylene-d12	25.15	264	499944	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	398005	107.96	ng	0.00
7) Phenol-d6	7.28	99	610706	107.59	ng	-0.01
23) Nitrobenzene-d5	9.32	82	434926	73.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	268919	96.93	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	716170	51.24	ng	-0.02
79) Terphenyl-d14	20.11	244	1300492	61.84	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	14.21	163	198493	11.753	ng	99

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

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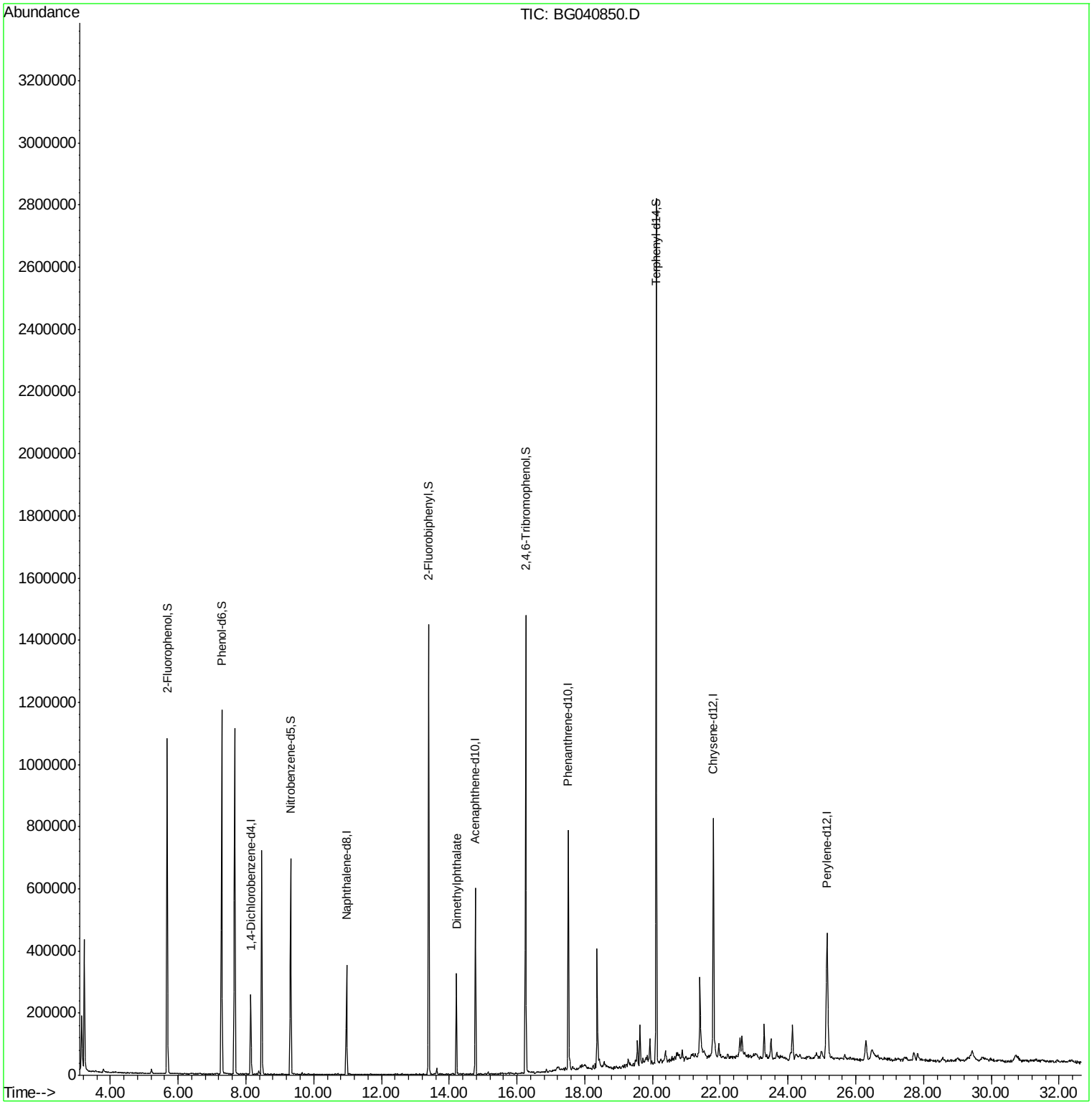
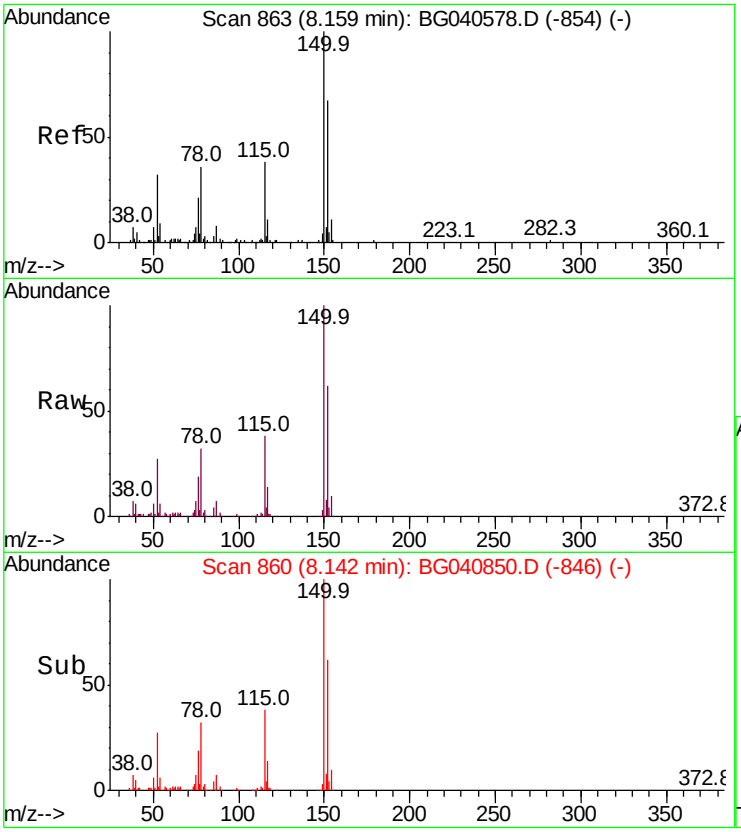


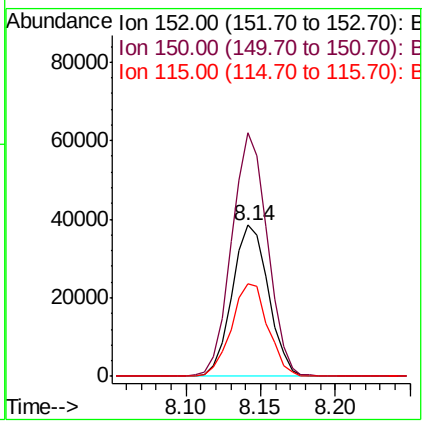


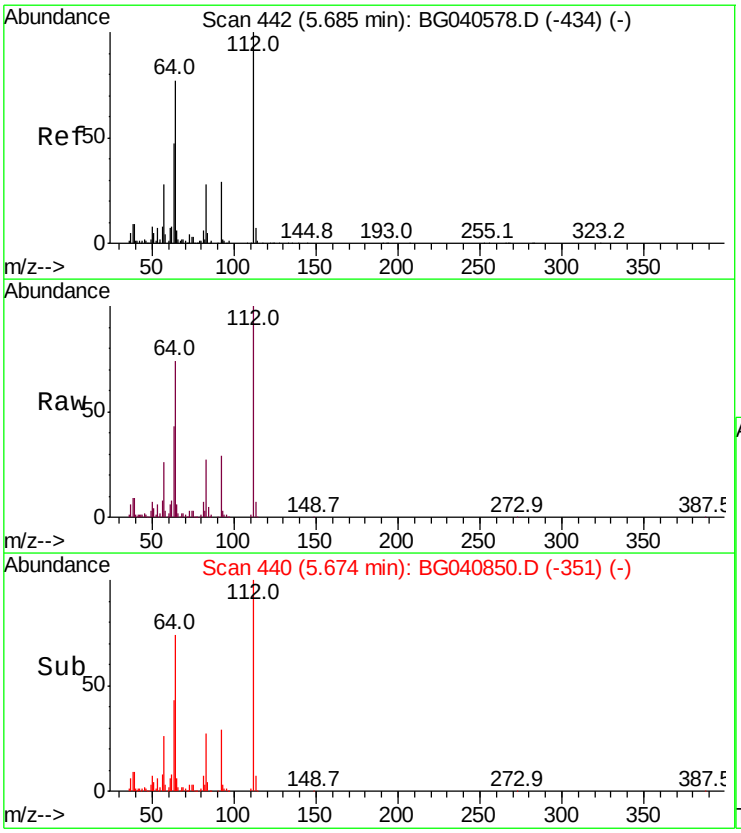
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040850.D
Acq: 10 May 2019 14:05

Instrument :
BNA_G
ClientSampleId :
P021-SS009-0206-01

Tgt Ion:152 Resp: 64985

Ion	Ratio	Lower	Upper
152	100		
150	161.0	120.2	180.2
115	61.6	46.2	69.2

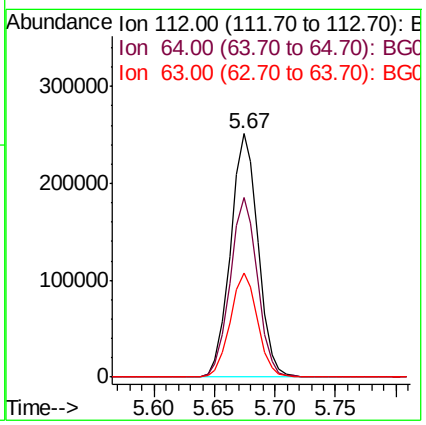


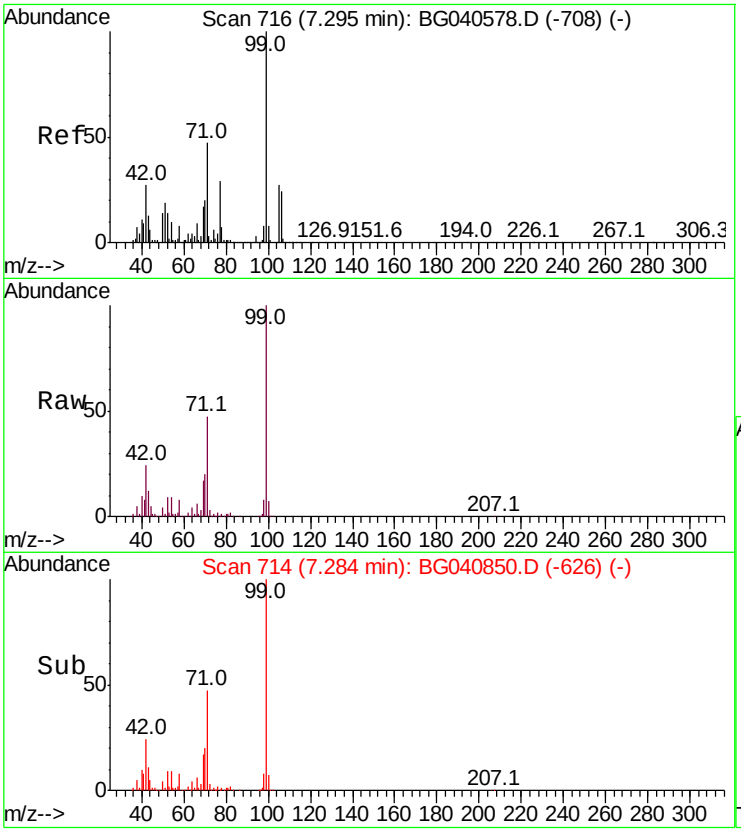


#5
2-Fluorophenol
Concen: 107.962 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040850.D
Acq: 10 May 2019 14:05

Tgt Ion:112 Resp: 398005

Ion	Ratio	Lower	Upper
112	100		
64	74.0	61.4	92.0
63	42.5	37.8	56.6



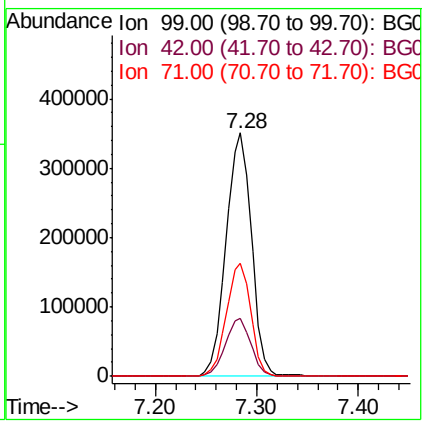


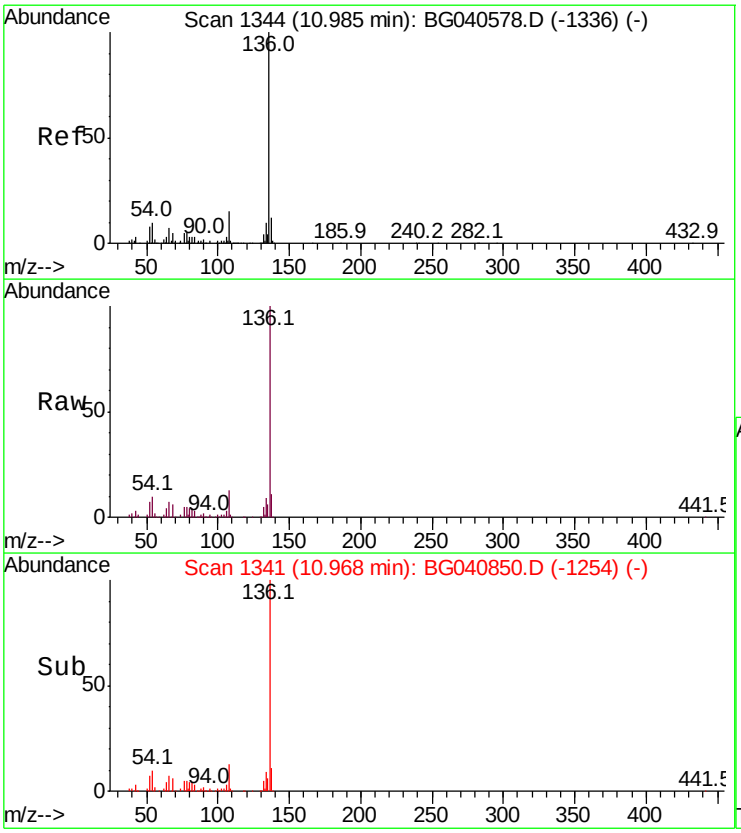
#7
Phenol-d6
Concen: 107.590 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG040850.D
Acq: 10 May 2019 14:05

Instrument :
BNA_G
ClientSampleId :
P021-SS009-0206-01

Tgt Ion: 99 Resp: 610706

Ion	Ratio	Lower	Upper
99	100		
42	23.8	21.8	32.8
71	46.6	38.6	57.8

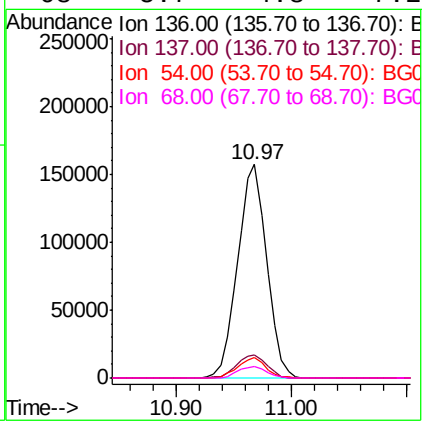


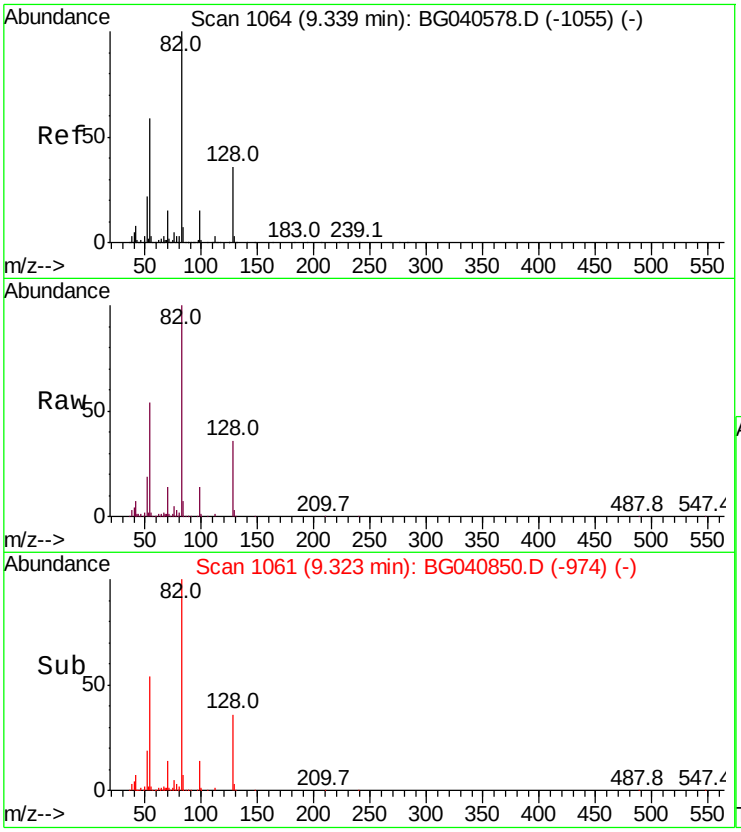


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040850.D
Acq: 10 May 2019 14:05

Tgt Ion:136 Resp: 273712

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.7	14.5
54	9.8	8.6	12.8
68	5.7	4.8	7.2



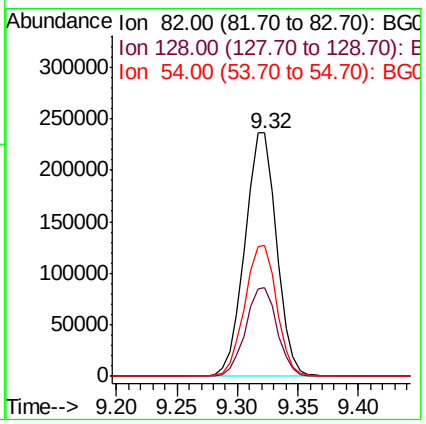


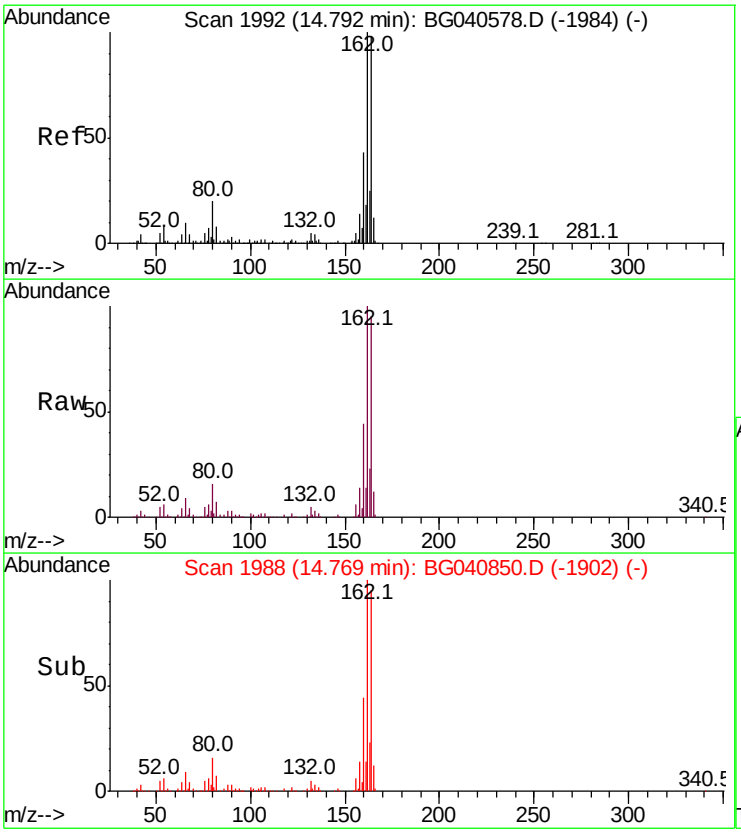
#23
Nitrobenzene-d5
Concen: 73.421 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040850.D
Acq: 10 May 2019 14:05

Instrument :
BNA_G
ClientSampleId :
P021-SS009-0206-01

Tgt Ion: 82 Resp: 434926

Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.9	43.3
54	53.8	47.2	70.8

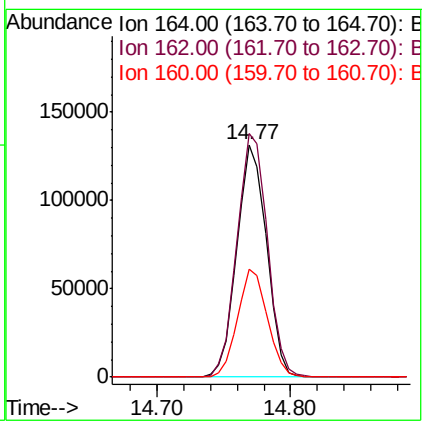


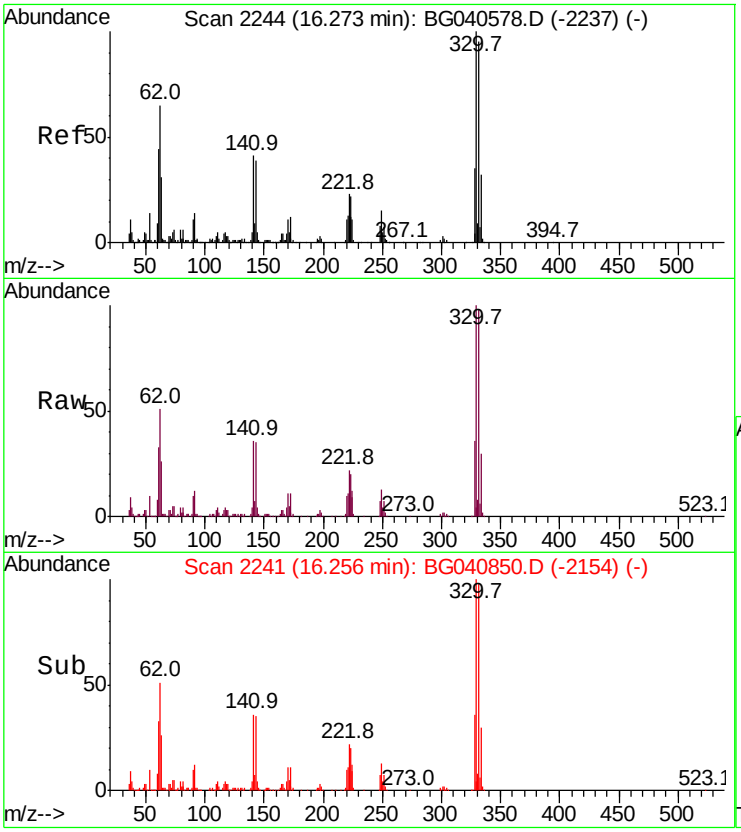


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040850.D
Acq: 10 May 2019 14:05

Tgt Ion:164 Resp: 201850

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.9	122.9
160	46.3	35.4	53.2



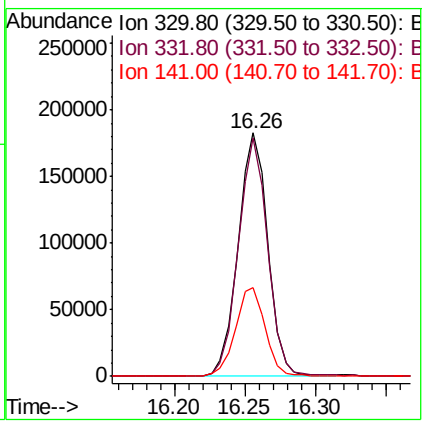


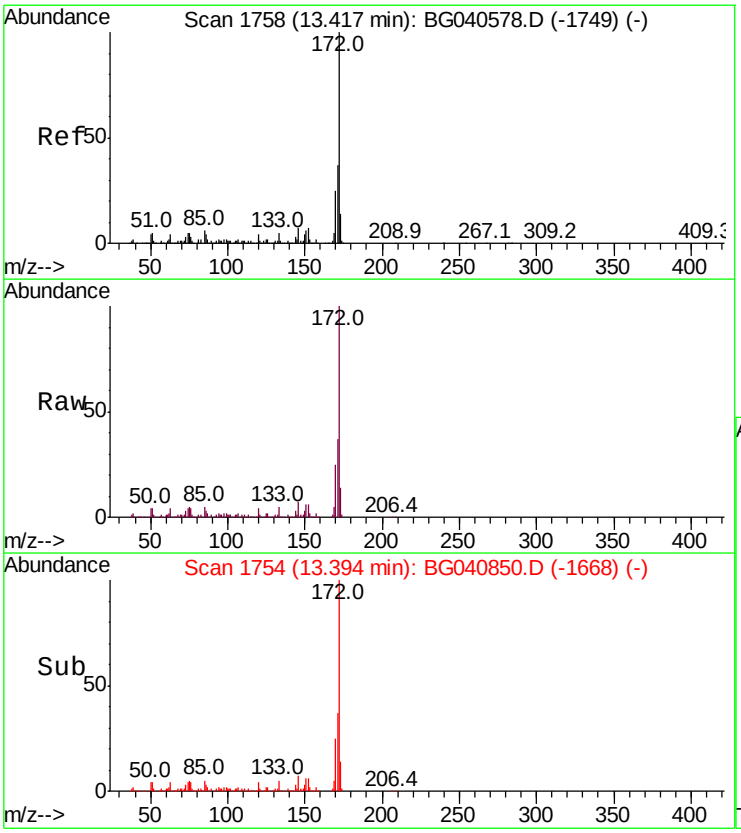
#42
2,4,6-Tribromophenol
Concen: 96.926 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040850.D
Acq: 10 May 2019 14:05

Instrument :
BNA_G
ClientSampleId :
P021-SS009-0206-01

Tgt Ion:330 Resp: 268919

Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.9	113.9
141	36.4	32.4	48.6

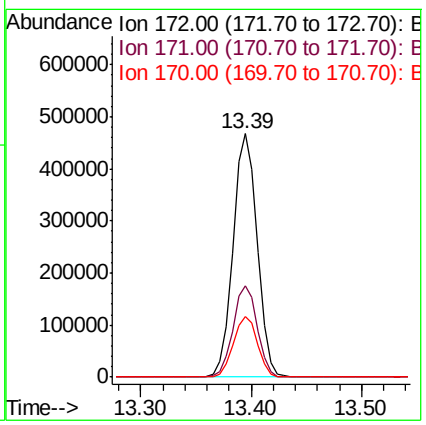


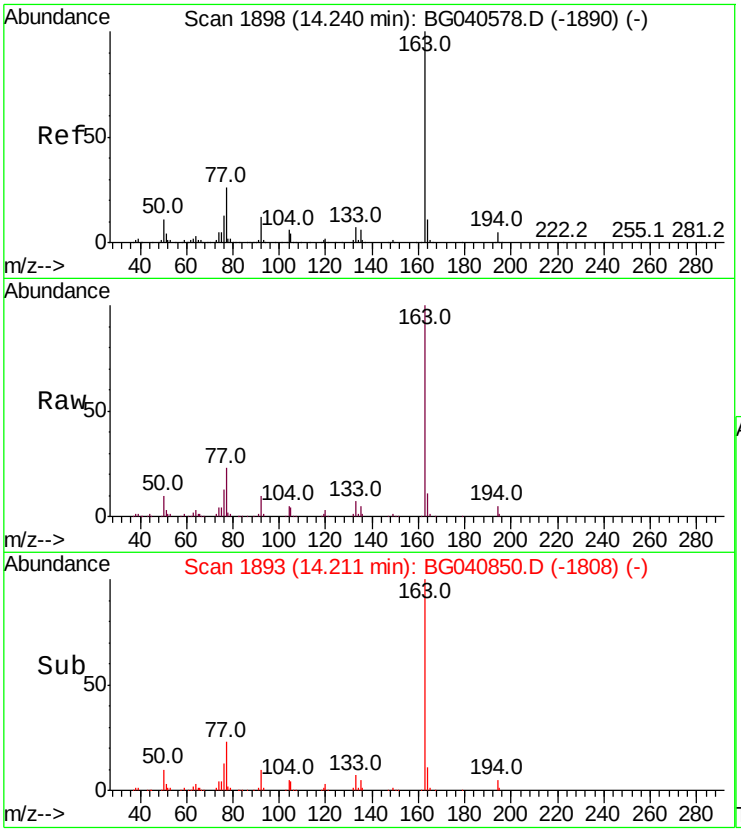


#45
2-Fluorobiphenyl
Concen: 51.241 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040850.D
Acq: 10 May 2019 14:05

Tgt Ion:172 Resp: 716170

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.2
170	25.0	19.9	29.9



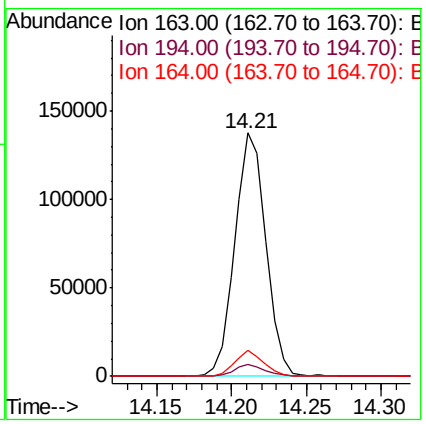


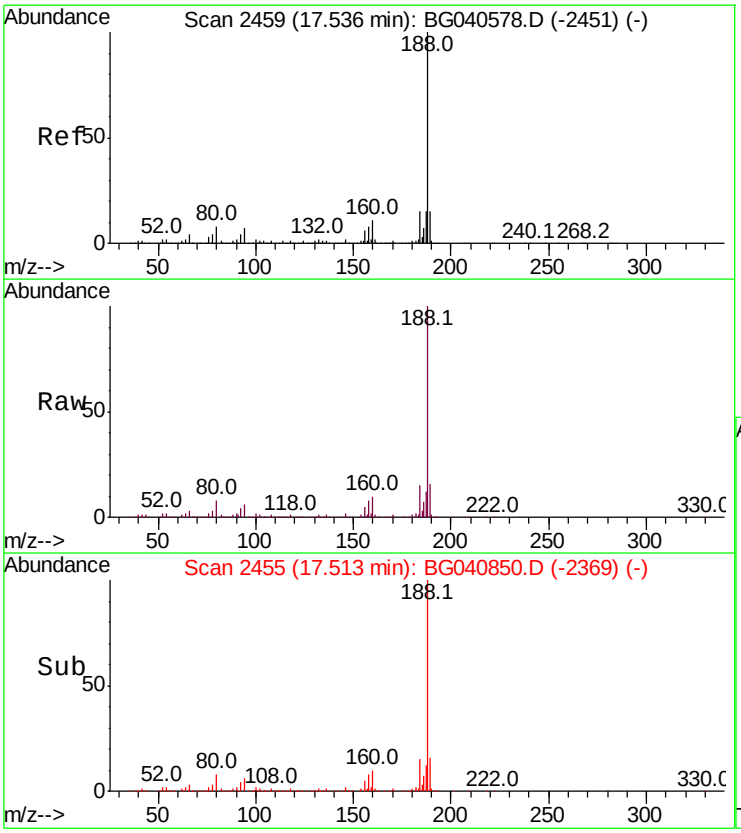
#50
Dimethylphthalate
Concen: 11.753 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040850.D
Acq: 10 May 2019 14:05

Instrument :
BNA_G
ClientSampleId :
P021-SS009-0206-01

Tgt Ion:163 Resp: 198493

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.8	5.8
164	10.6	8.8	13.2

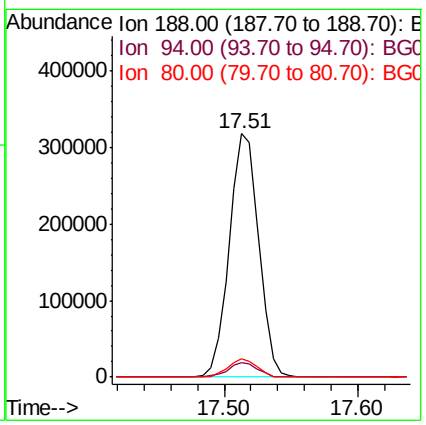


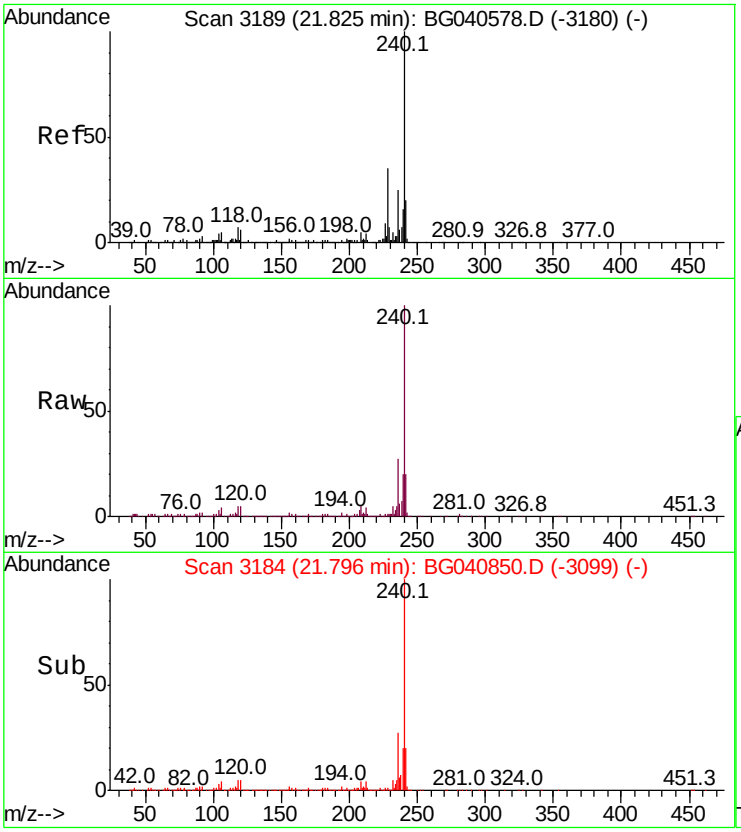


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040850.D
Acq: 10 May 2019 14:05

Tgt Ion:188 Resp: 490234

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.6	8.4
80	7.6	6.4	9.6



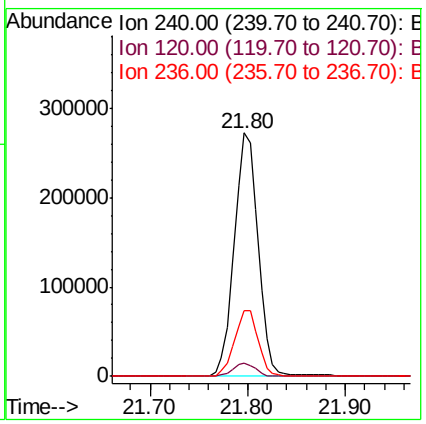


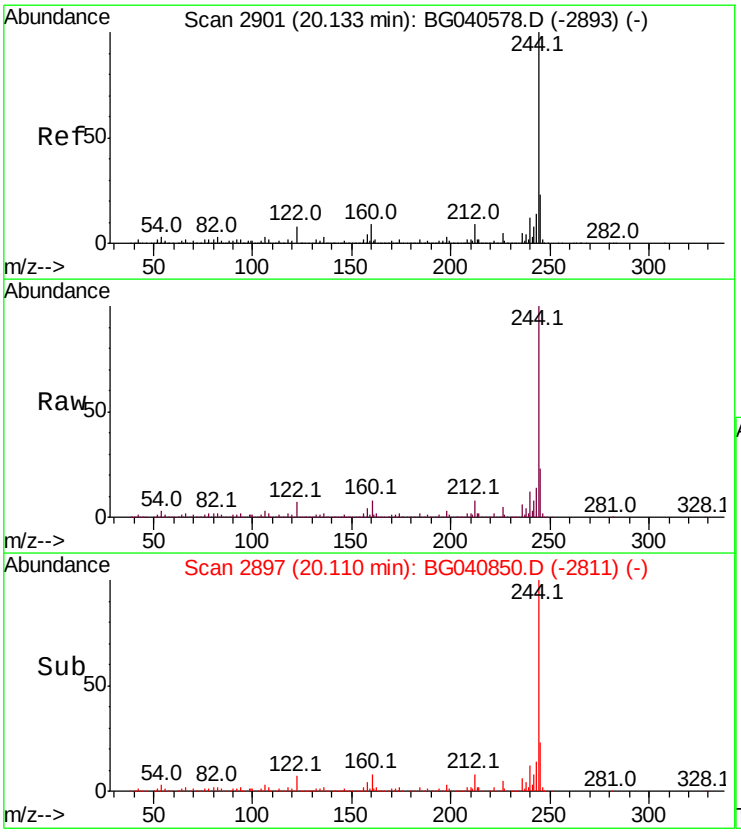
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040850.D
Acq: 10 May 2019 14:05

Instrument :
BNA_G
ClientSampleId :
P021-SS009-0206-01

Tgt Ion:240 Resp: 465936

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.0	7.6
236	27.0	20.3	30.5

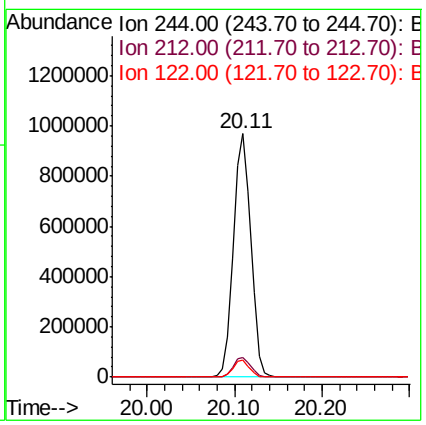


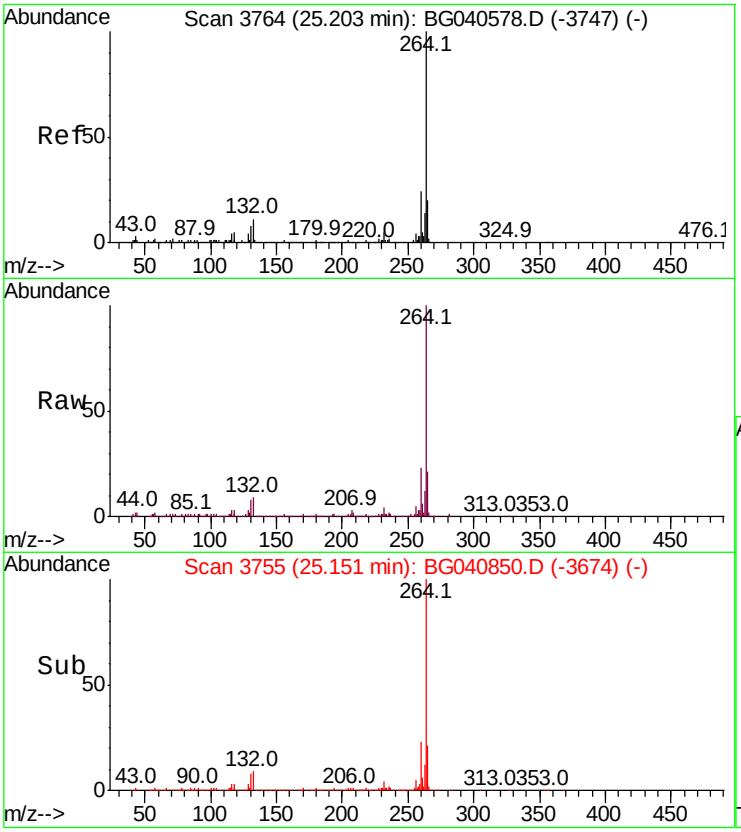


#79
Terphenyl-d14
Concen: 61.836 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040850.D
Acq: 10 May 2019 14:05

Tgt Ion:244 Resp: 1300492

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.2	10.8
122	6.8	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040850.D
Acq: 10 May 2019 14:05

Instrument :
BNA_G
ClientSampleId :
P021-SS009-0206-01

Tgt Ion:264 Resp: 499944

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.9	16.6	25.0