Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040828.D
Acq On : 9 May 2019 22:56
Operator : HP/JU
Sample : K2762-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS004-0612-01

Quant Time: May 10 06:54:40 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	48793	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	211577	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	168787	20.00	ng	-0.03
64) Phenanthrene-d10	17.52	188	445099	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	424951	20.00	ng	-0.03
87) Perylene-d12	25.15	264	392426	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	414940	149.91	ng	-0.01
7) Phenol-d6	7.28	99	633027	148.53	ng	-0.01
23) Nitrobenzene-d5	9.32	82	445445	97.28	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	363676	156.76	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	993207	84.98	ng	-0.02
79) Terphenyl-d14	20.11	244	1706859	88.98	ng	-0.03
Target Compounds						Qvalue
50) Dimethylphthalate	14.21	163	202874	14.366	ng	98

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

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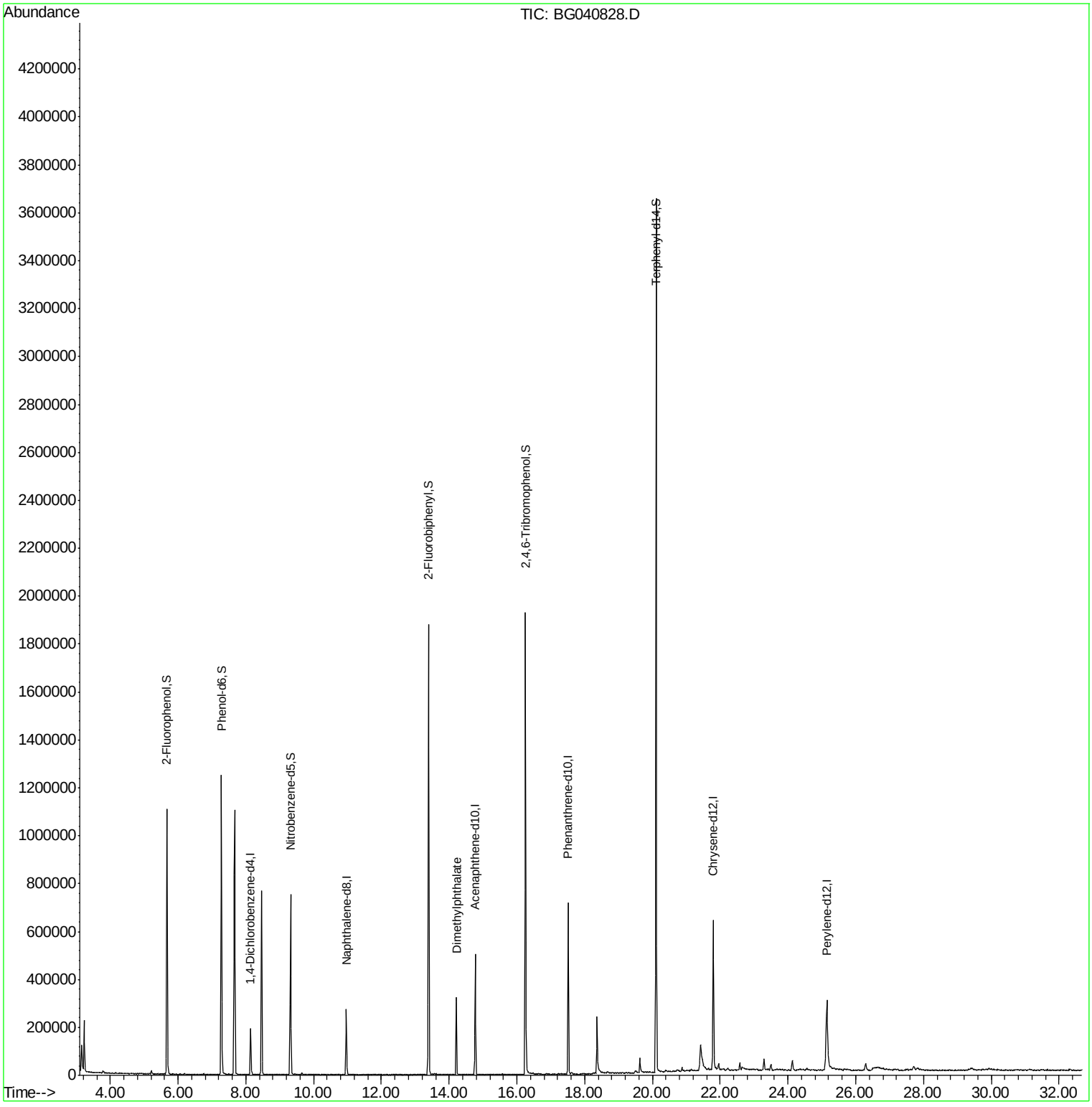
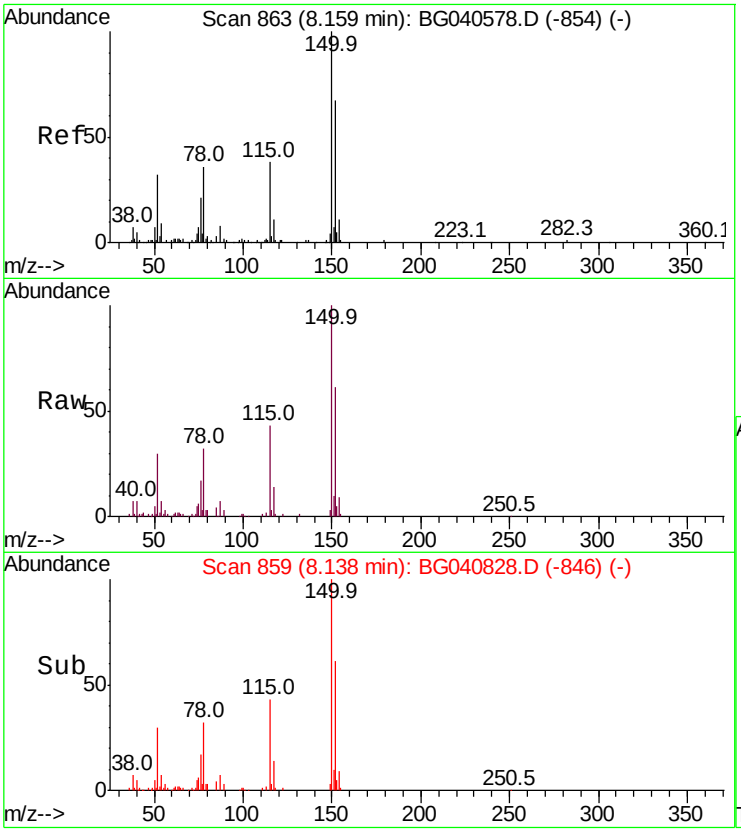


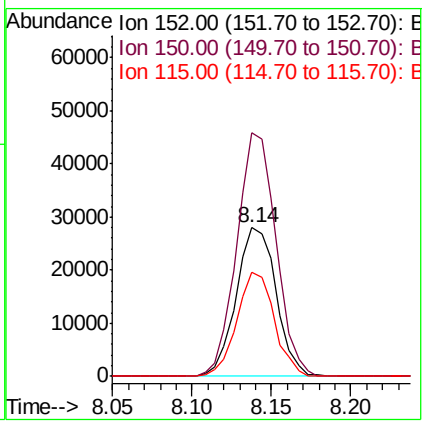


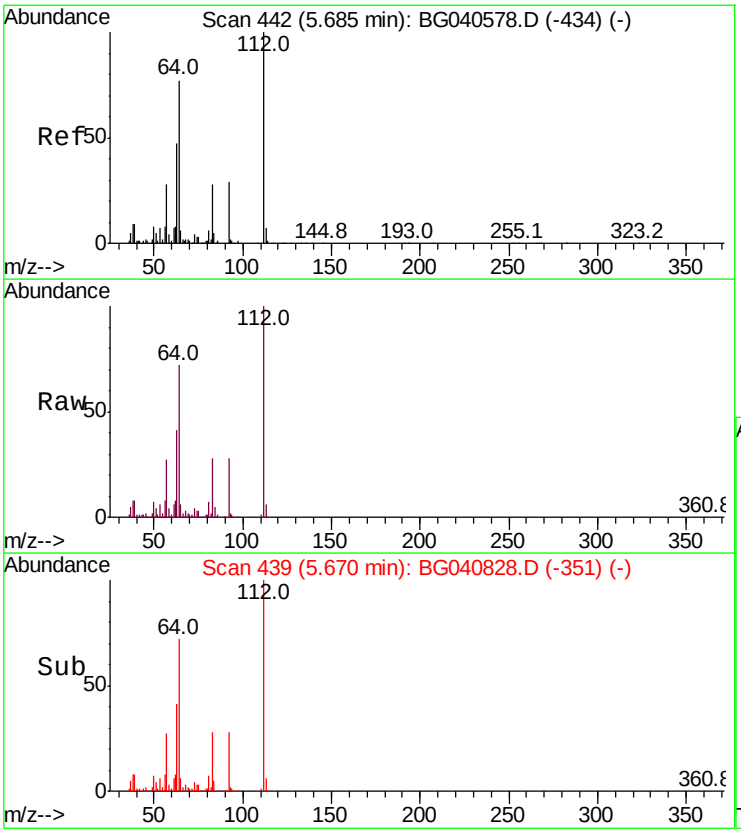
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040828.D
Acq: 9 May 2019 22:56

Instrument :
BNA_G
ClientSampleId :
P021-SS004-0612-01

Tgt Ion:152 Resp: 48793

Ion	Ratio	Lower	Upper
152	100		
150	163.6	120.2	180.2
115	69.7	46.2	69.2#

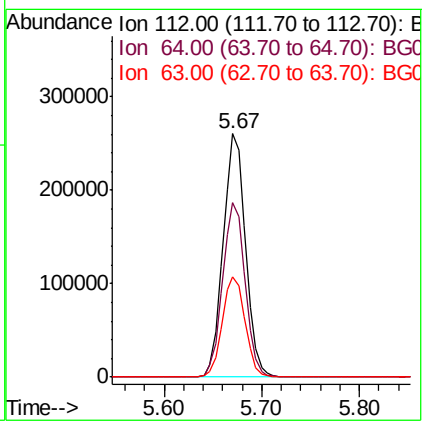


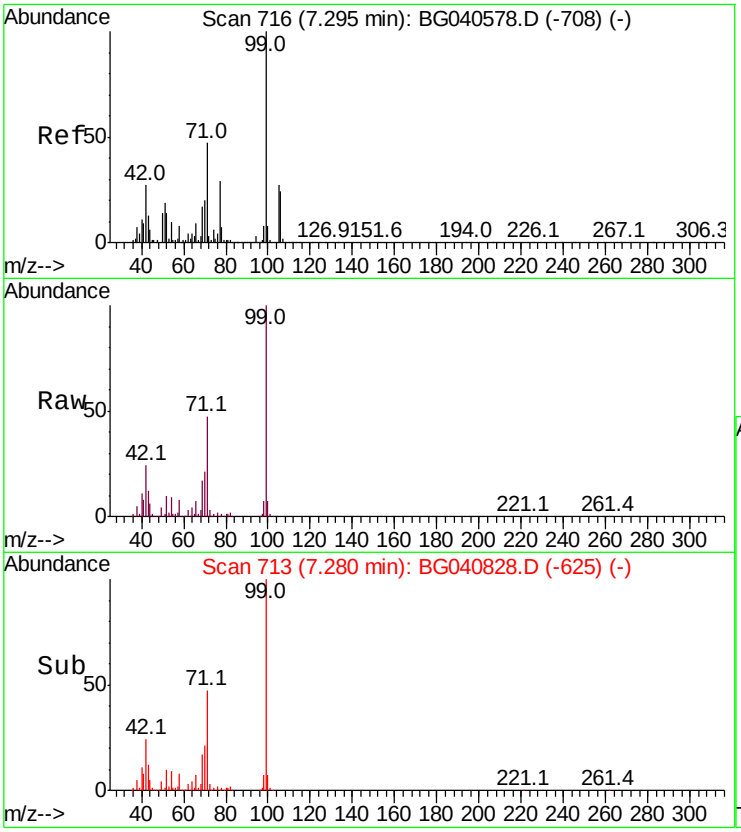


#5
2-Fluorophenol
Concen: 149.907 ng
RT: 5.67 min Scan# 439
Delta R.T. -0.01 min
Lab File: BG040828.D
Acq: 9 May 2019 22:56

Tgt Ion:112 Resp: 414940

Ion	Ratio	Lower	Upper
112	100		
64	71.9	61.4	92.0
63	41.4	37.8	56.6



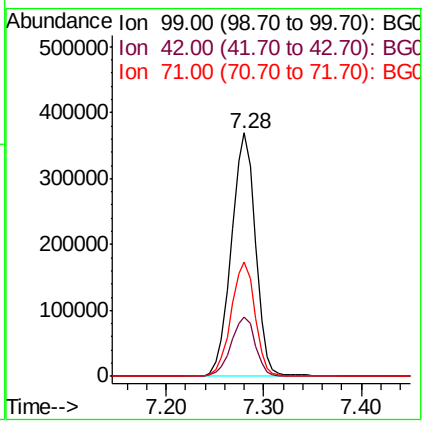


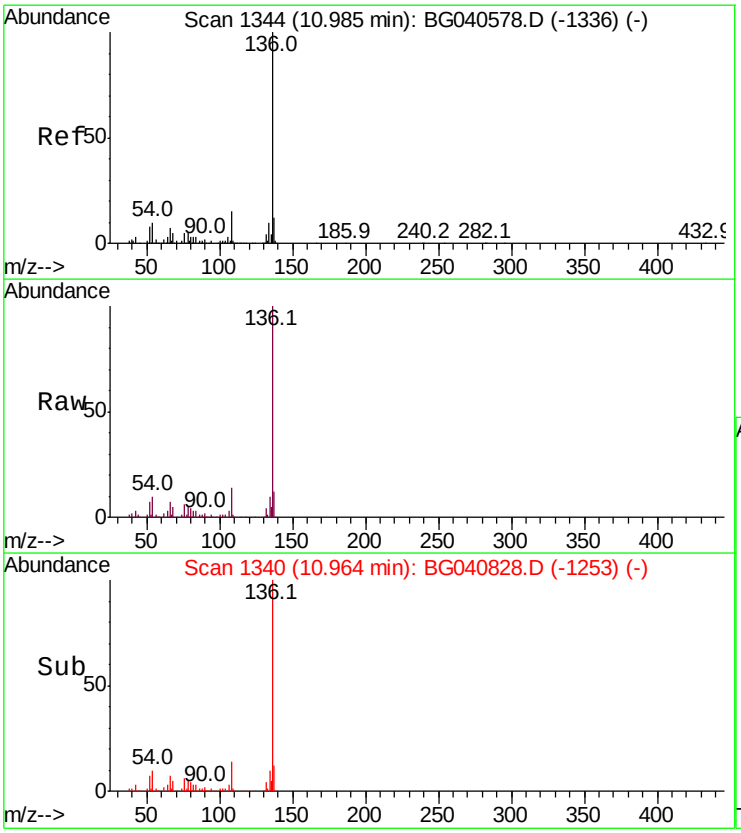
#7
Phenol-d6
Concen: 148.531 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BG040828.D
Acq: 9 May 2019 22:56

Instrument :
BNA_G
ClientSampleId :
P021-SS004-0612-01

Tgt Ion: 99 Resp: 633027

Ion	Ratio	Lower	Upper
99	100		
42	24.2	21.8	32.8
71	47.2	38.6	57.8

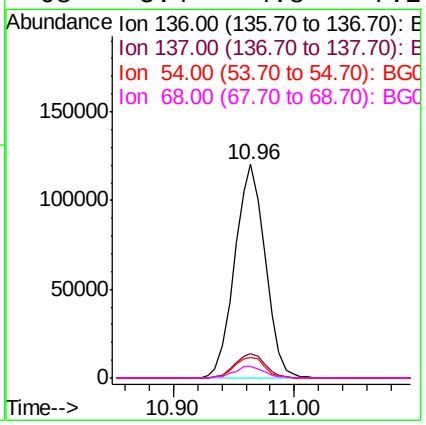


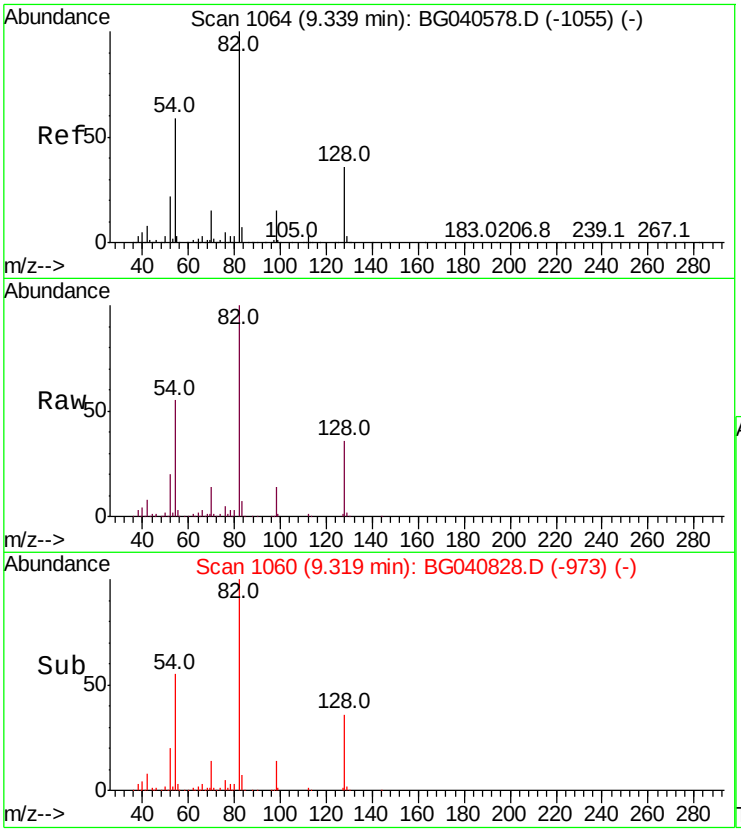


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG040828.D
Acq: 9 May 2019 22:56

Tgt Ion:136 Resp: 211577

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	9.7	8.6	12.8
68	5.4	4.8	7.2



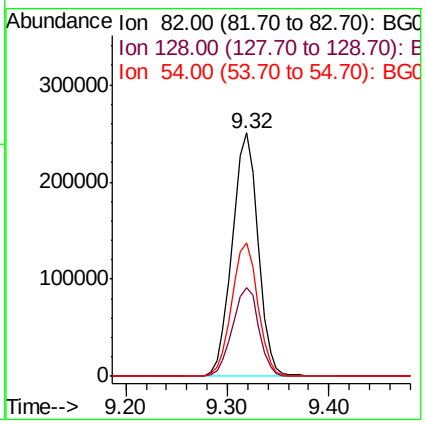


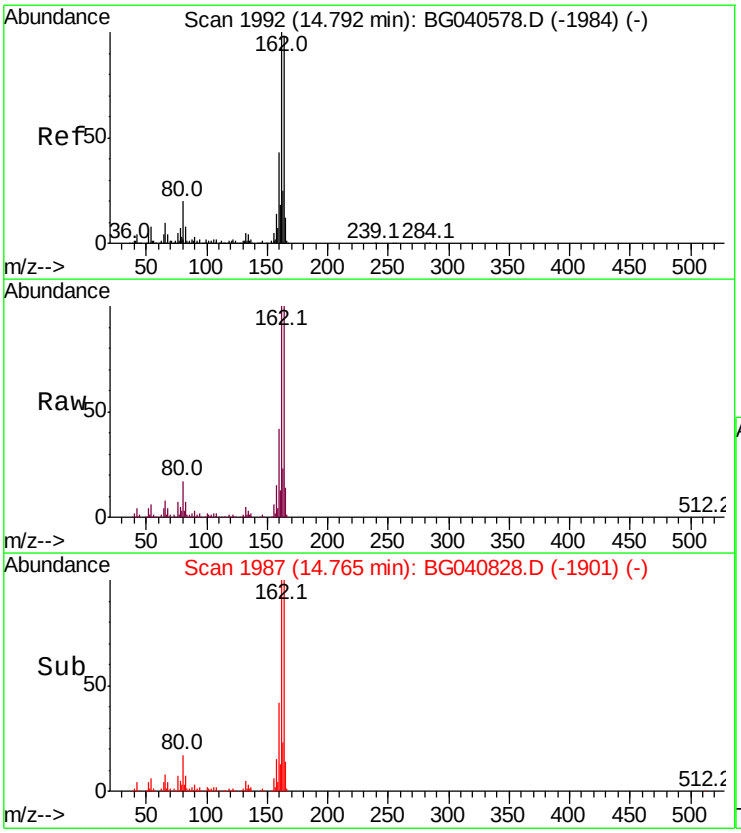
#23
Nitrobenzene-d5
Concen: 97.281 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040828.D
Acq: 9 May 2019 22:56

Instrument :
BNA_G
ClientSampleId :
P021-SS004-0612-01

Tgt Ion: 82 Resp: 445445

Ion	Ratio	Lower	Upper
82	100		
128	36.2	28.9	43.3
54	55.1	47.2	70.8

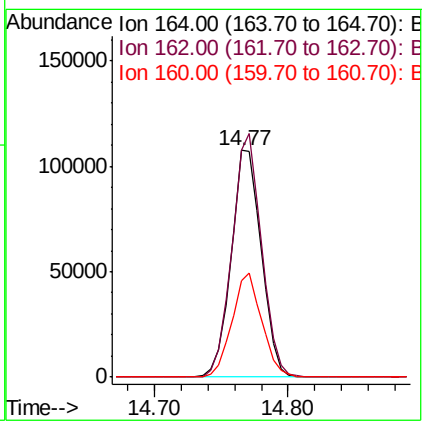


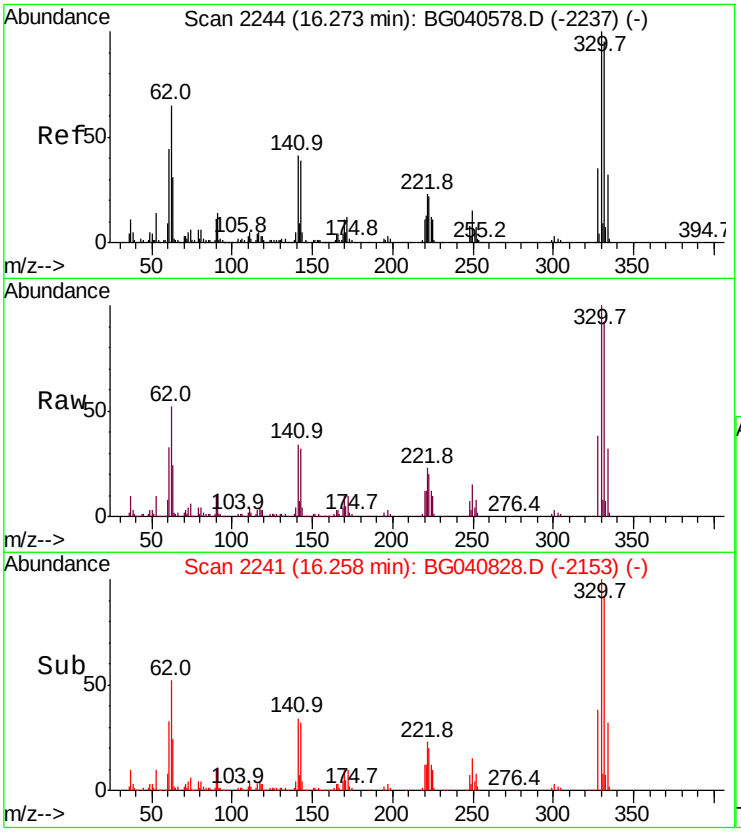


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040828.D
Acq: 9 May 2019 22:56

Tgt Ion:164 Resp: 168787

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.9	122.9
160	42.3	35.4	53.2



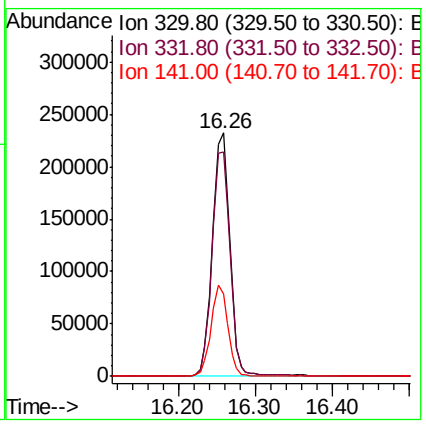


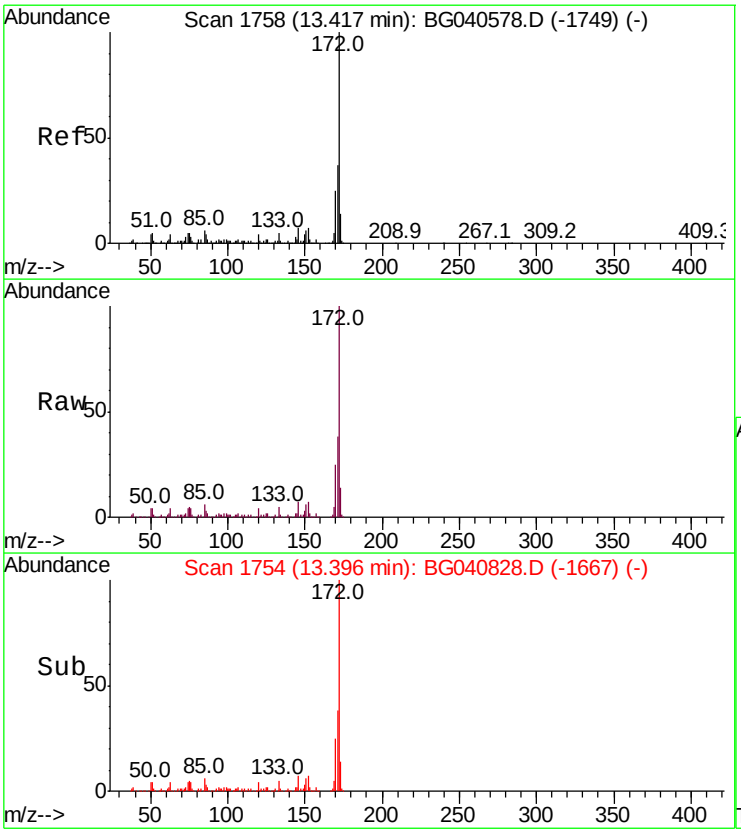
#42
2,4,6-Tribromophenol
Concen: 156.756 ng
RT: 16.26 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BG040828.D
Acq: 9 May 2019 22:56

Instrument :
BNA_G
ClientSampleId :
P021-SS004-0612-01

Tgt Ion:330 Resp: 363676

Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.9	113.9
141	35.9	32.4	48.6

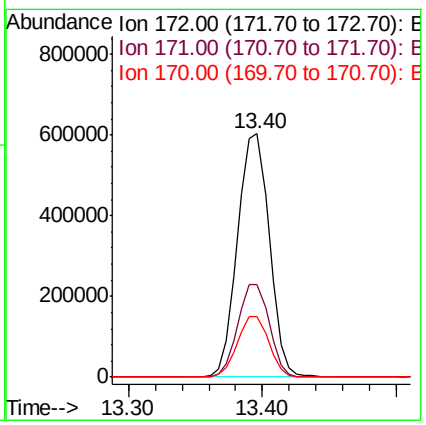


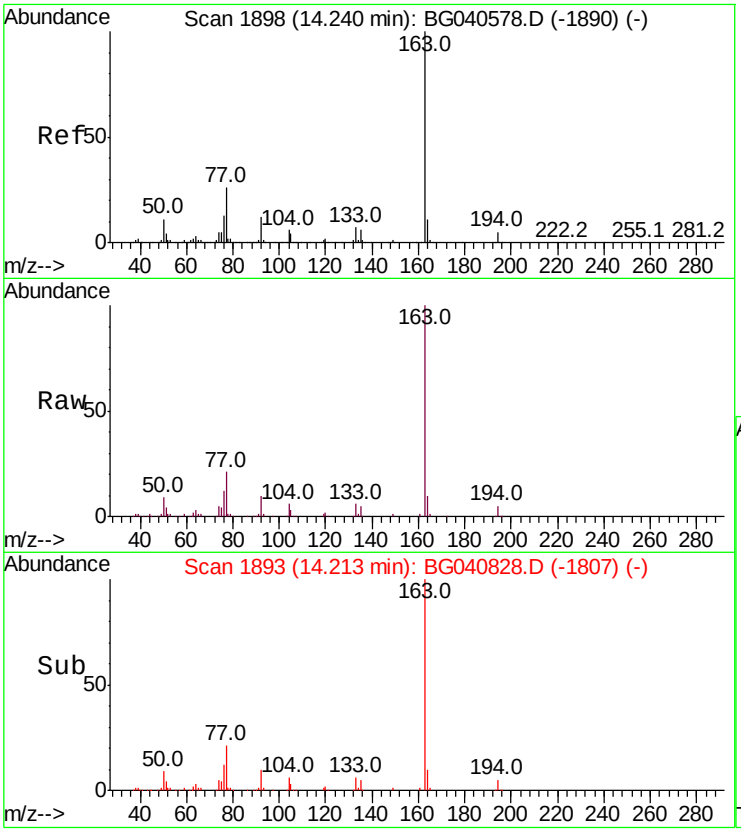


#45
2-Fluorobiphenyl
Concen: 84.982 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040828.D
Acq: 9 May 2019 22:56

Tgt Ion:172 Resp: 993207

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	24.9	19.9	29.9



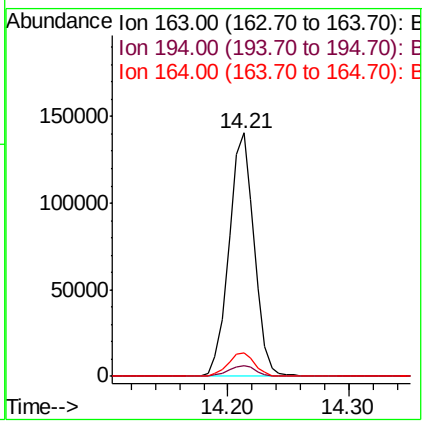


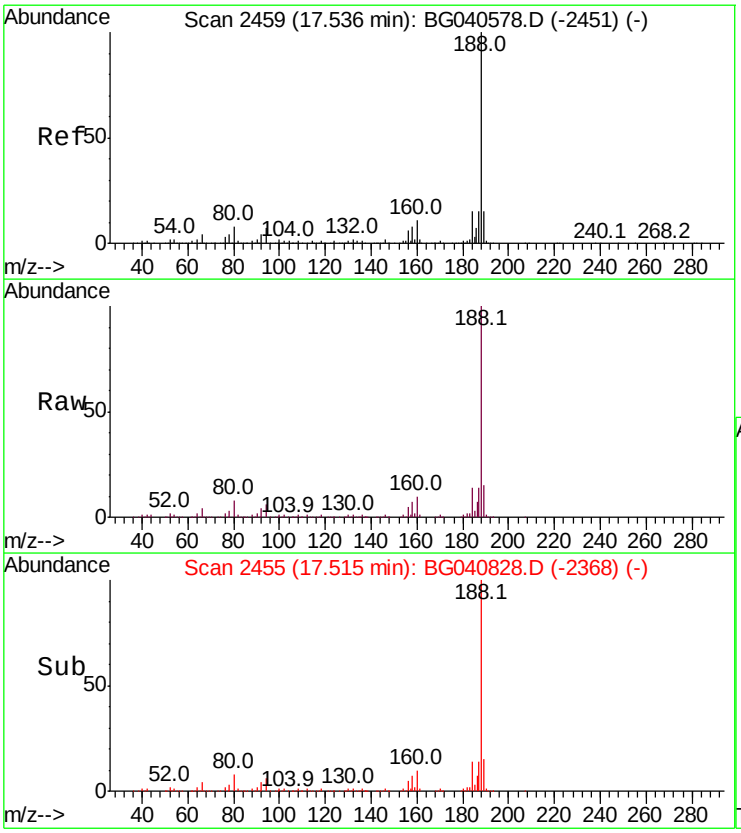
#50
Dimethylphthalate
Concen: 14.366 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040828.D
Acq: 9 May 2019 22:56

Instrument :
BNA_G
ClientSampleId :
P021-SS004-0612-01

Tgt Ion:163 Resp: 202874

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.8
164	9.9	8.8	13.2

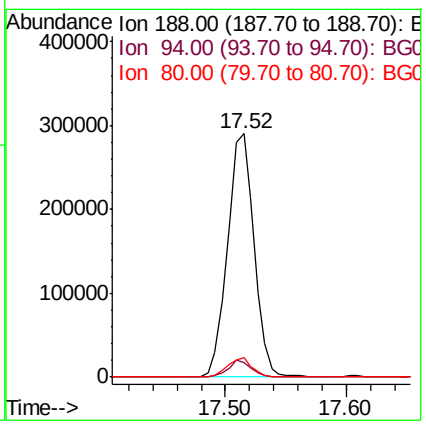


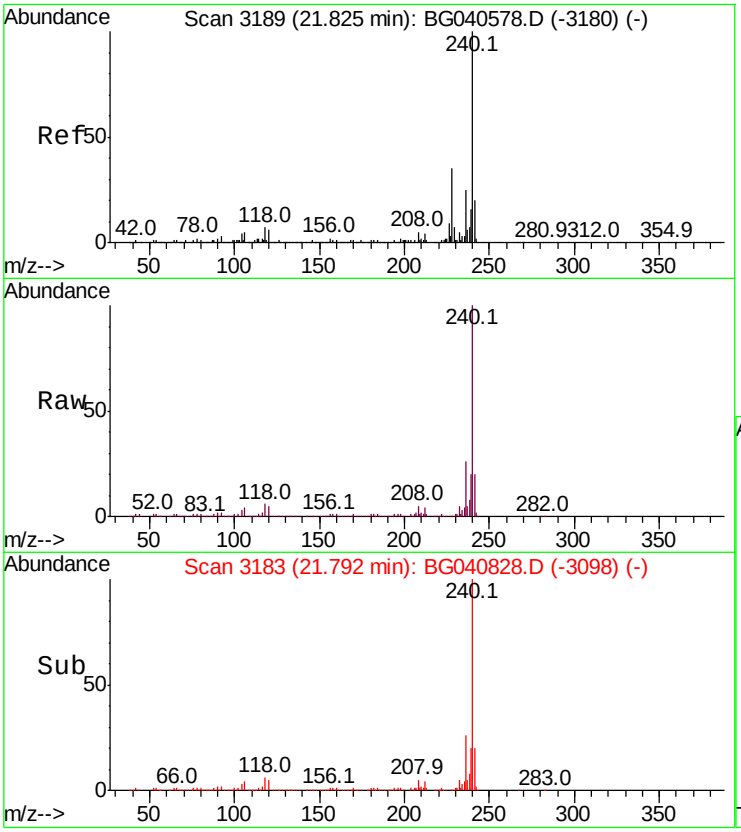


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040828.D
Acq: 9 May 2019 22:56

Tgt Ion:188 Resp: 445099

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.6	8.4
80	8.2	6.4	9.6



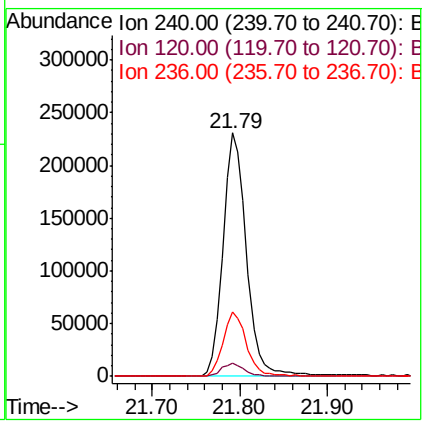


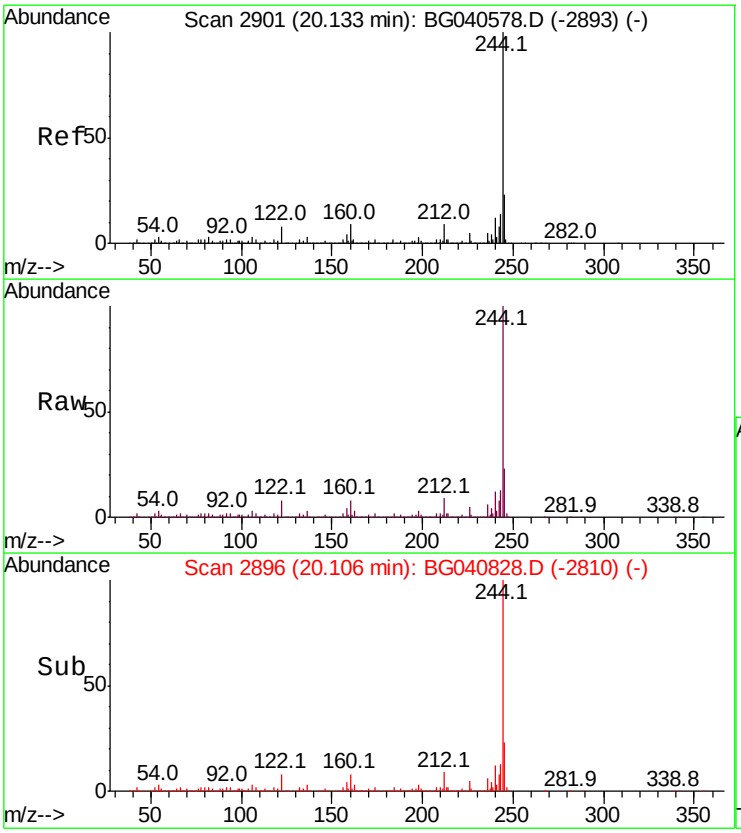
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3183
Delta R.T. -0.03 min
Lab File: BG040828.D
Acq: 9 May 2019 22:56

Instrument :
BNA_G
ClientSampleId :
P021-SS004-0612-01

Tgt Ion:240 Resp: 424951

Ion	Ratio	Lower	Upper
240	100		
120	5.2	5.0	7.6
236	26.4	20.3	30.5

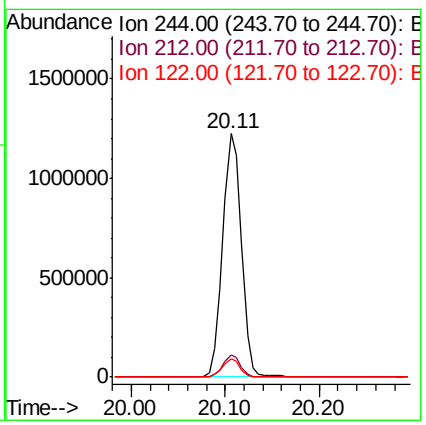


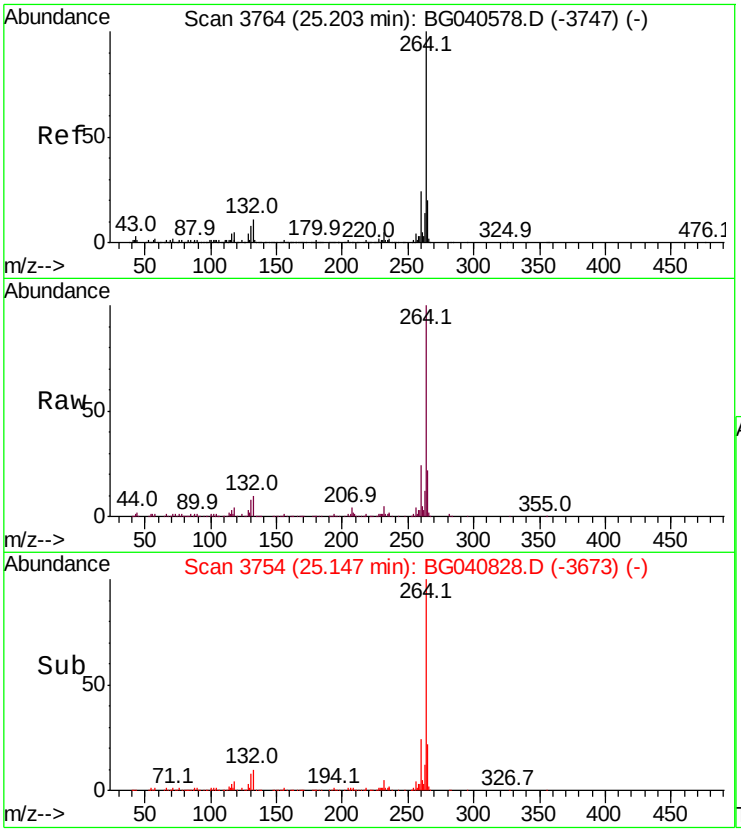


#79
Terphenyl-d14
Concen: 88.985 ng
RT: 20.11 min Scan# 2896
Delta R.T. -0.03 min
Lab File: BG040828.D
Acq: 9 May 2019 22:56

Tgt Ion:244 Resp: 1706859

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.2	10.8
122	7.7	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3754
Delta R.T. -0.06 min
Lab File: BG040828.D
Acq: 9 May 2019 22:56

Instrument :
BNA_G
ClientSampleId :
P021-SS004-0612-01

Tgt Ion:264 Resp: 392426

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	16.6	25.0