Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043404.D
Acq On : 30 Oct 2019 17:19
Operator : JU
Sample : PB124338BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124338BL

Quant Time: Oct 31 05:38:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38170	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	131694	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	105370	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	266192	20.00	ng	0.00
76) Chrysene-d12	21.66	240	309929	20.00	ng	0.00
87) Perylene-d12	24.85	264	357501	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	253978	121.93	ng	0.00
7) Phenol-d6	7.21	99	344624	114.99	ng	0.00
23) Nitrobenzene-d5	9.18	82	198875	77.85	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	226511	112.96	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	582411	76.38	ng	0.00
79) Terphenyl-d14	20.00	244	1324534	80.18	ng	0.00
Target Compounds						Qvalue

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

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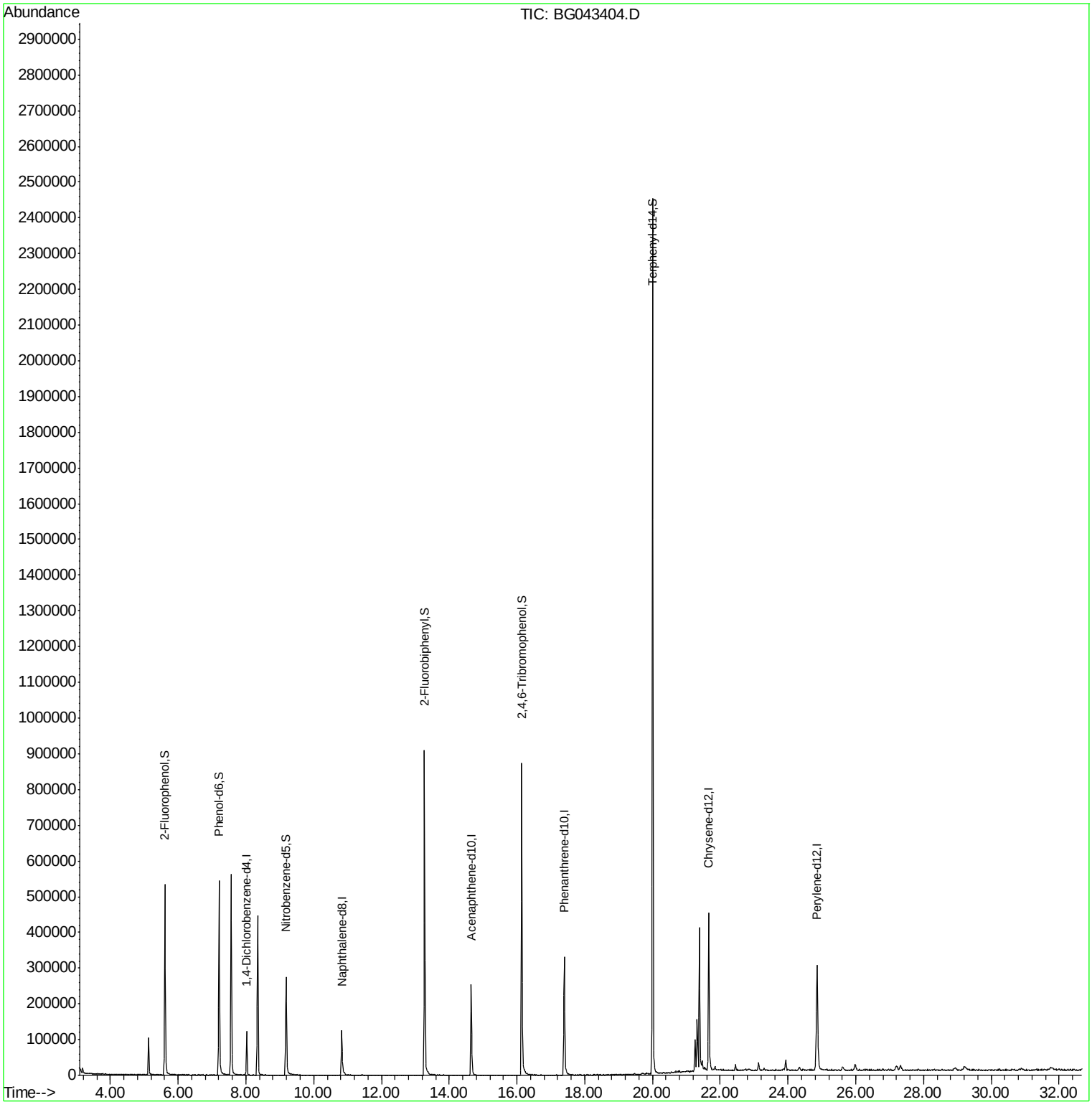
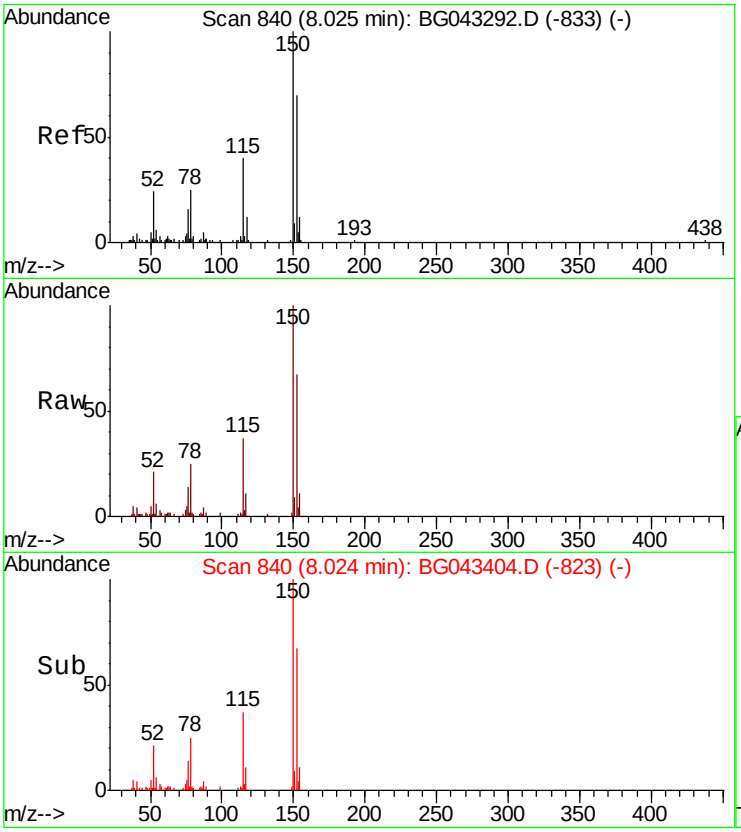


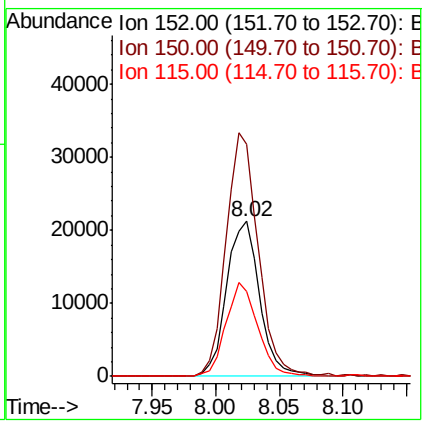


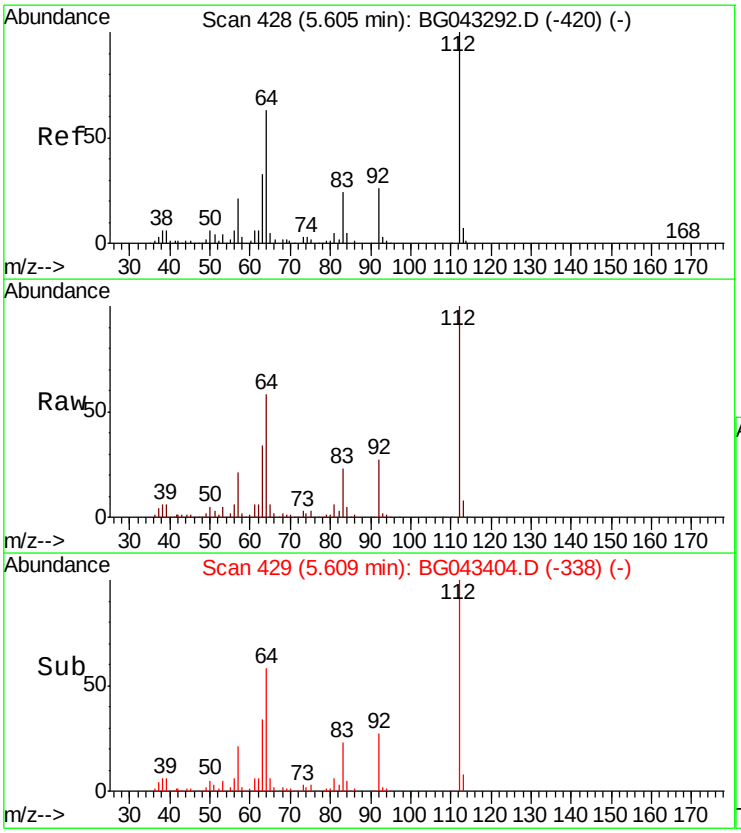
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043404.D
Acq: 30 Oct 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB124338BL

Tgt Ion:152 Resp: 38170

Ion	Ratio	Lower	Upper
152	100		
150	149.8	113.6	170.4
115	54.9	45.9	68.9

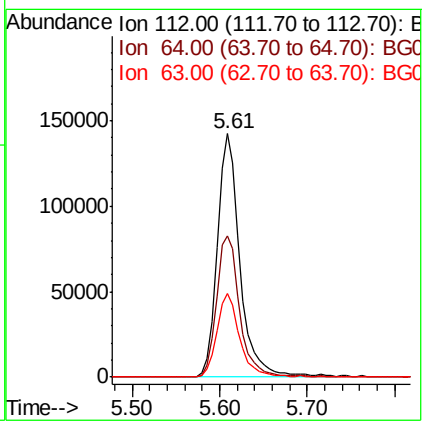


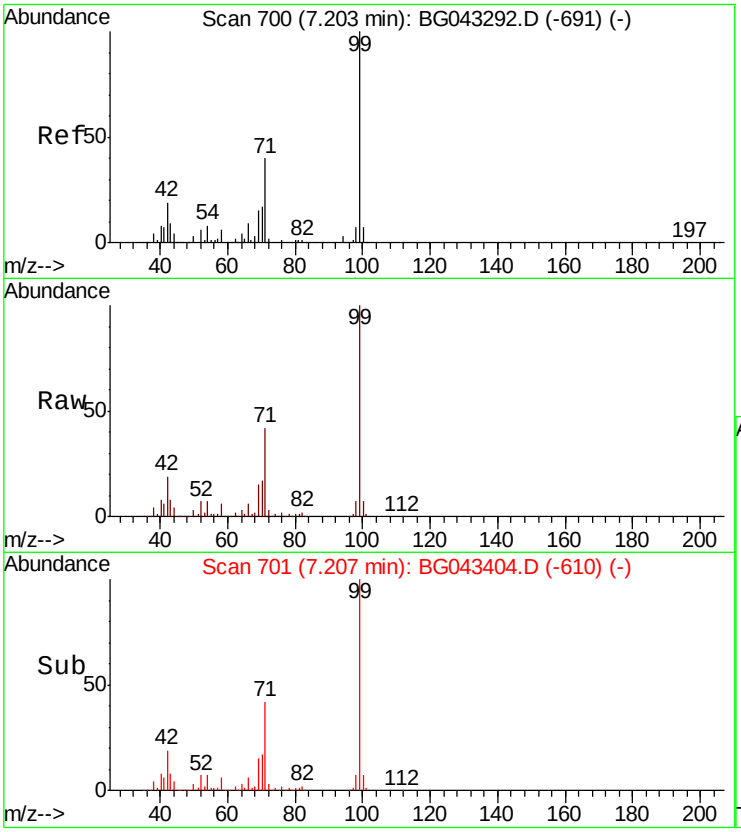


#5
2-Fluorophenol
Concen: 121.929 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG043404.D
Acq: 30 Oct 2019 17:19

Tgt Ion:112 Resp: 253978

Ion	Ratio	Lower	Upper
112	100		
64	57.9	50.2	75.2
63	34.5	26.7	40.1



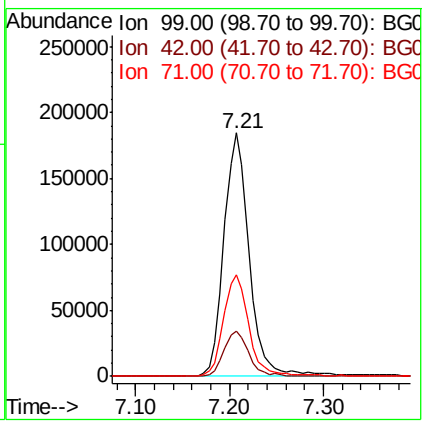


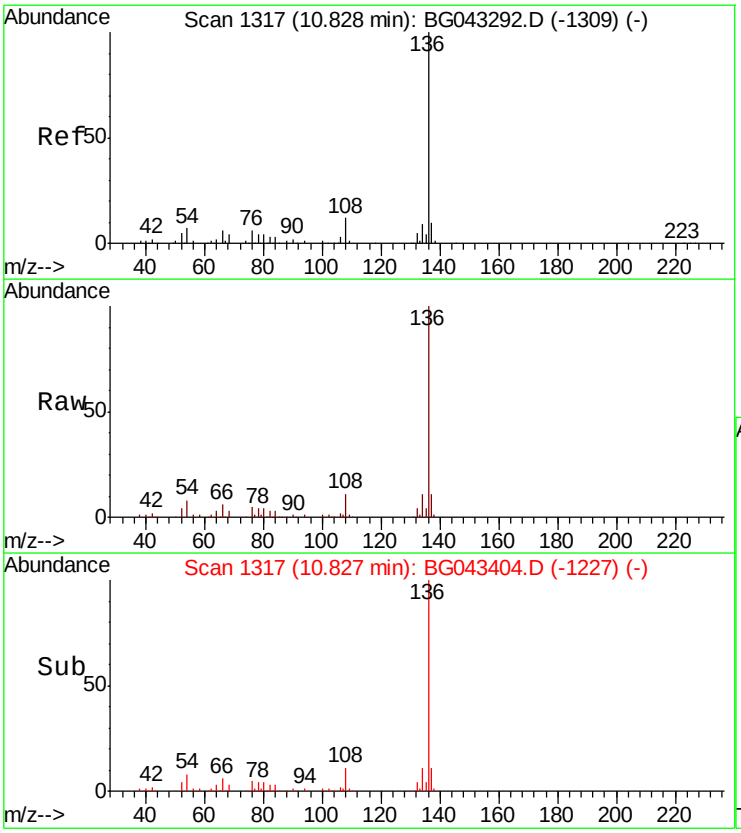
#7
Phenol-d6
Concen: 114.991 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG043404.D
Acq: 30 Oct 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB124338BL

Tgt Ion: 99 Resp: 344624

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	42.0	32.2	48.2

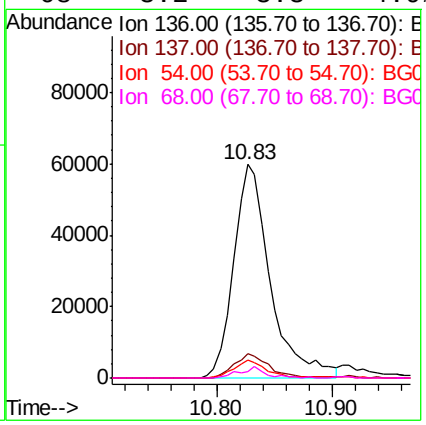


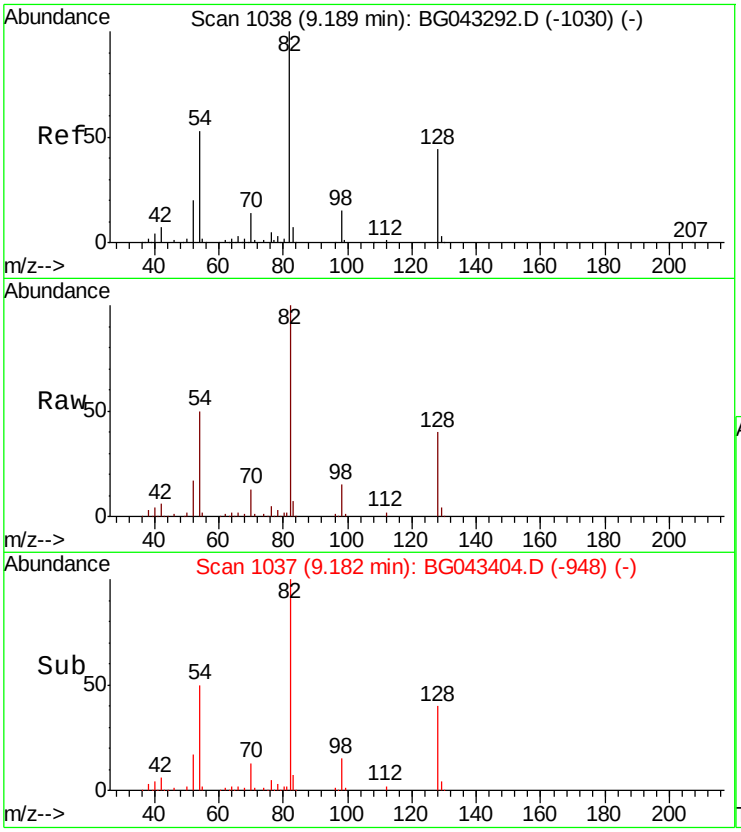


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043404.D
Acq: 30 Oct 2019 17:19

Tgt Ion:136 Resp: 131694

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.2
54	8.1	5.4	8.2
68	3.2	3.3	4.9#



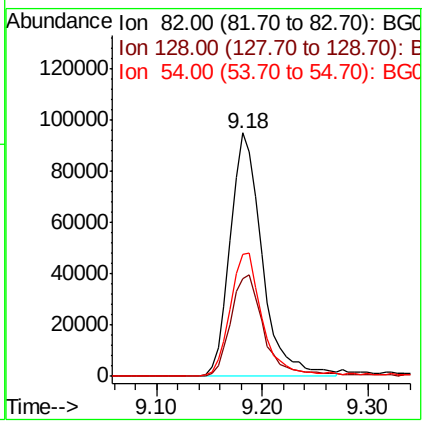


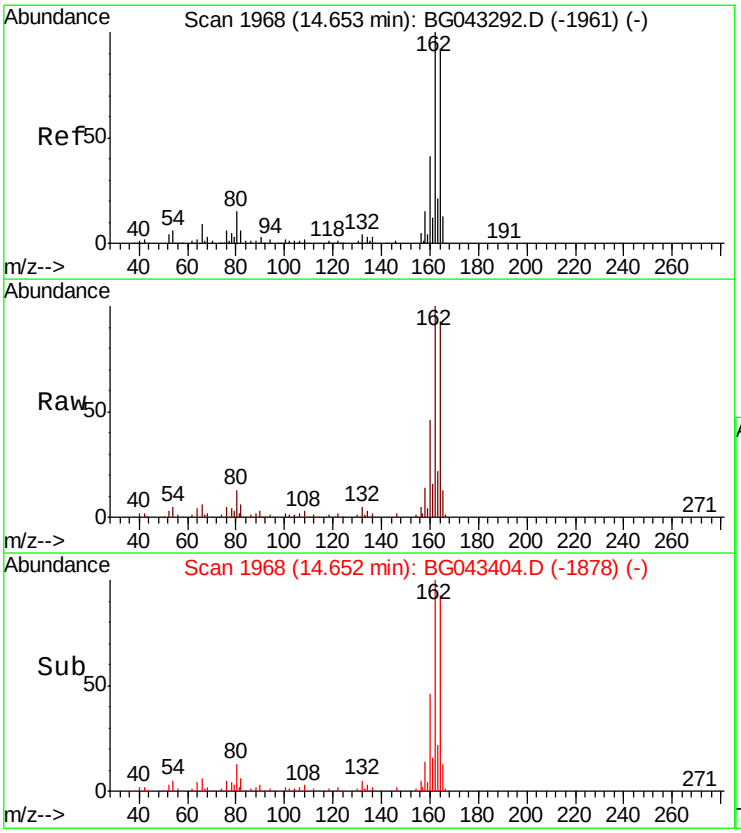
#23
Nitrobenzene-d5
Concen: 77.854 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043404.D
Acq: 30 Oct 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB124338BL

Tgt Ion: 82 Resp: 198875

Ion	Ratio	Lower	Upper
82	100		
128	40.1	35.3	52.9
54	50.0	42.3	63.5

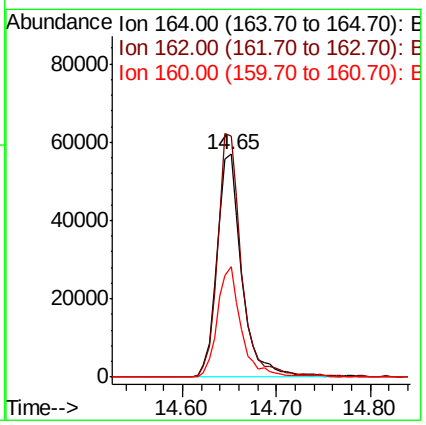


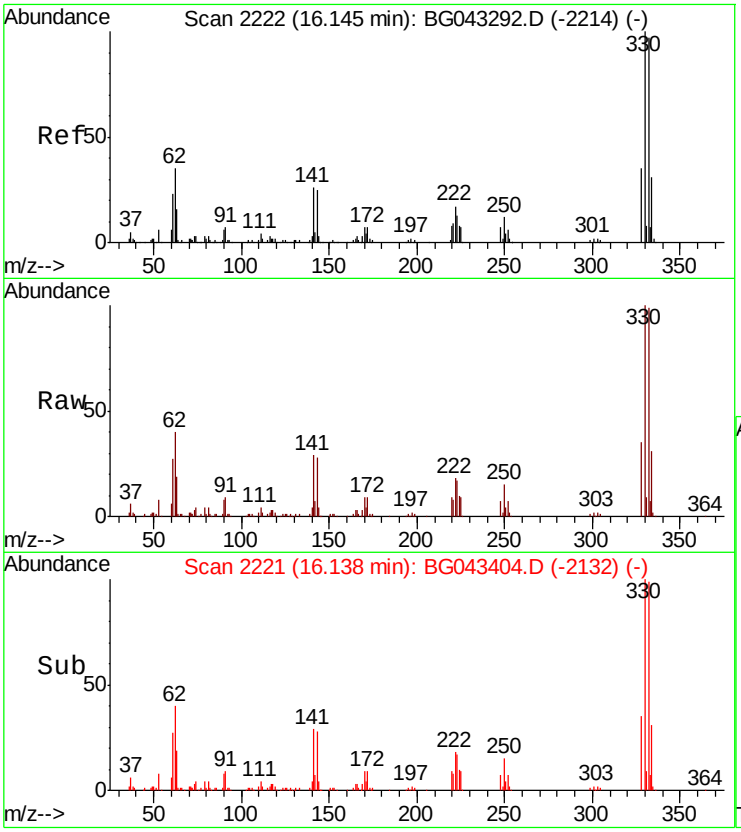


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043404.D
Acq: 30 Oct 2019 17:19

Tgt Ion:164 Resp: 105370

Ion	Ratio	Lower	Upper
164	100		
162	108.1	87.0	130.4
160	49.7	35.5	53.3



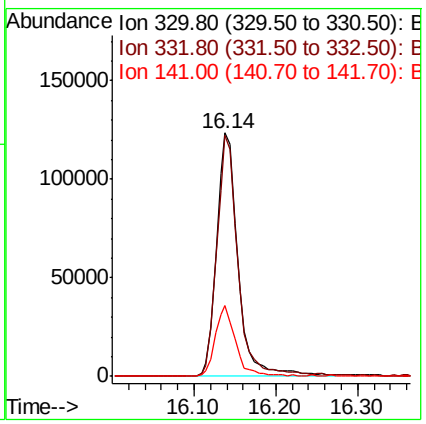


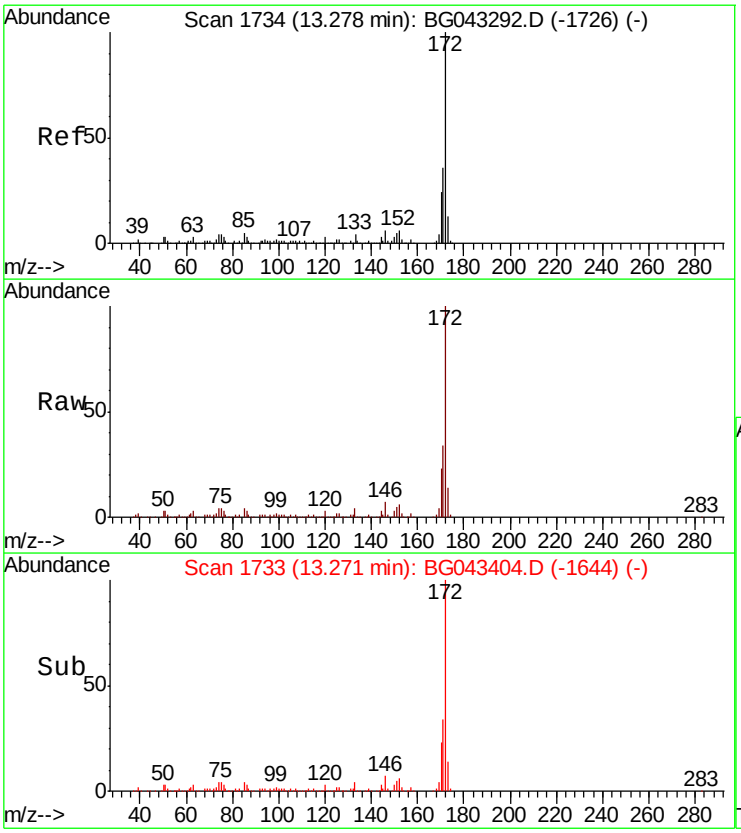
#42
2,4,6-Tribromophenol
Concen: 112.962 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043404.D
Acq: 30 Oct 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB124338BL

Tgt Ion:330 Resp: 226511

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.4	114.6
141	27.7	21.4	32.0

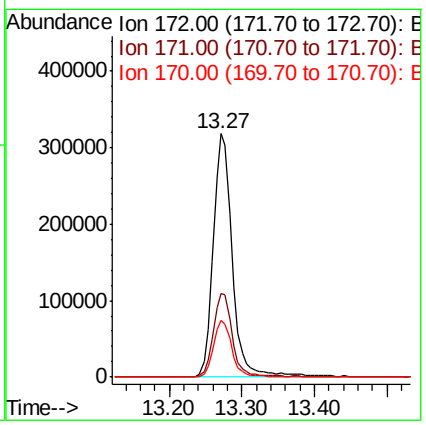


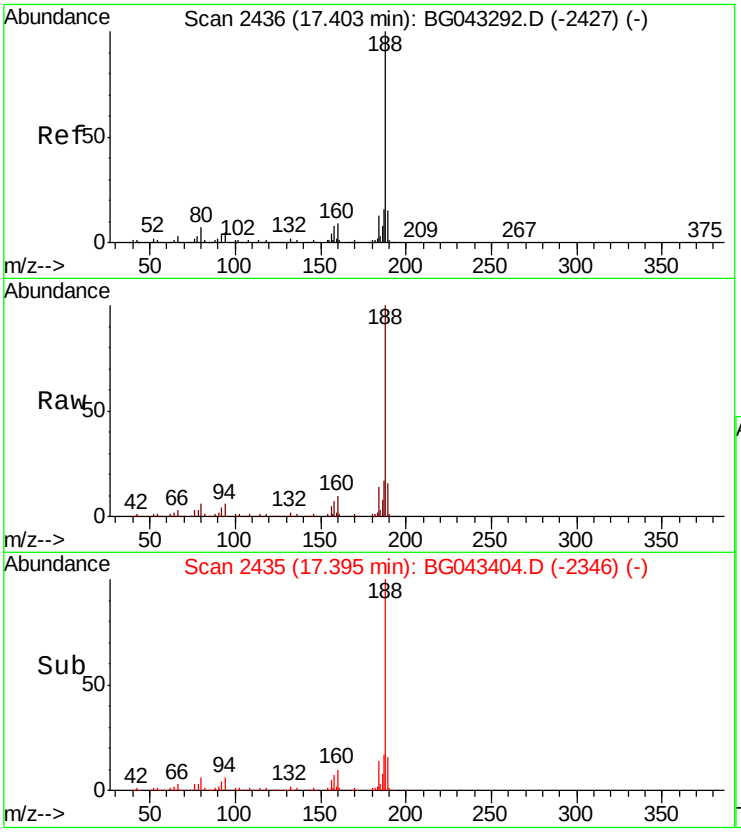


#45
2-Fluorobiphenyl
Concen: 76.376 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043404.D
Acq: 30 Oct 2019 17:19

Tgt Ion:172 Resp: 582411

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.5	18.8	28.2



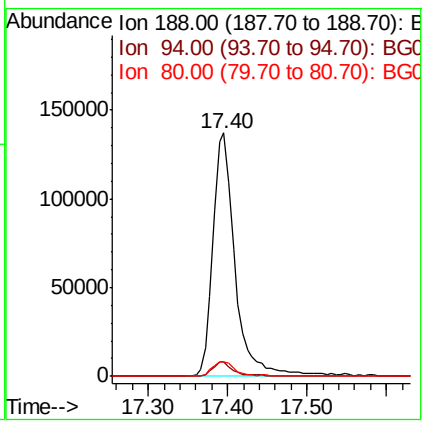


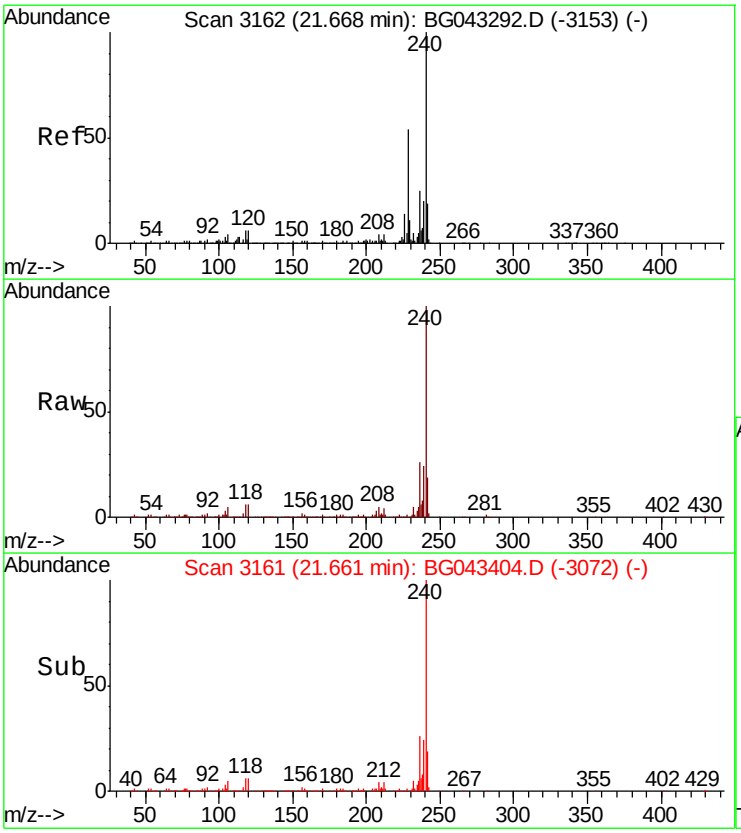
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043404.D
Acq: 30 Oct 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB124338BL

Tgt Ion:188 Resp: 266192

Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.2
80	6.1	5.2	7.8

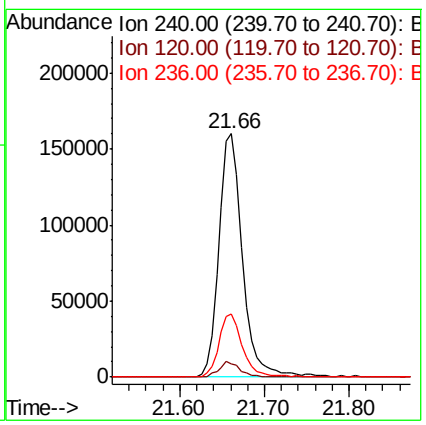


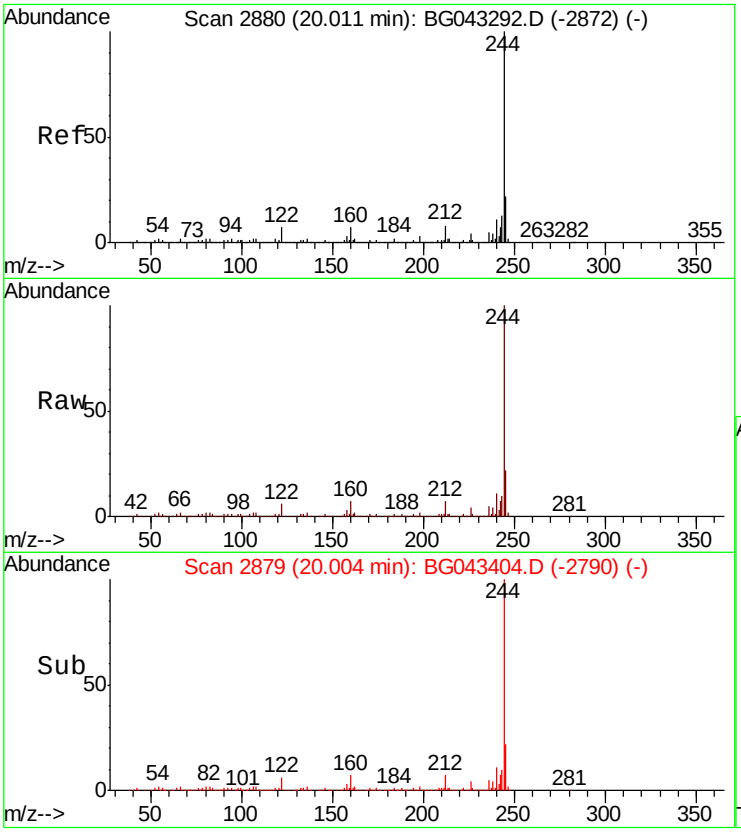


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043404.D
Acq: 30 Oct 2019 17:19

Tgt Ion:240 Resp: 309929

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.6	7.0
236	26.1	20.2	30.4



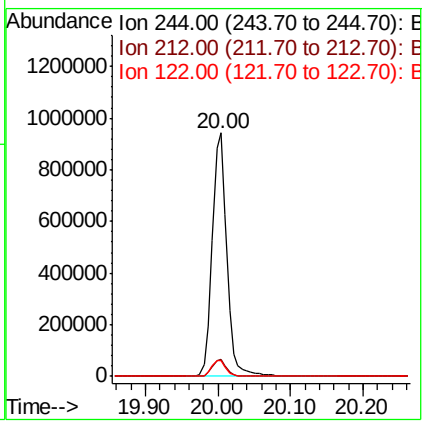


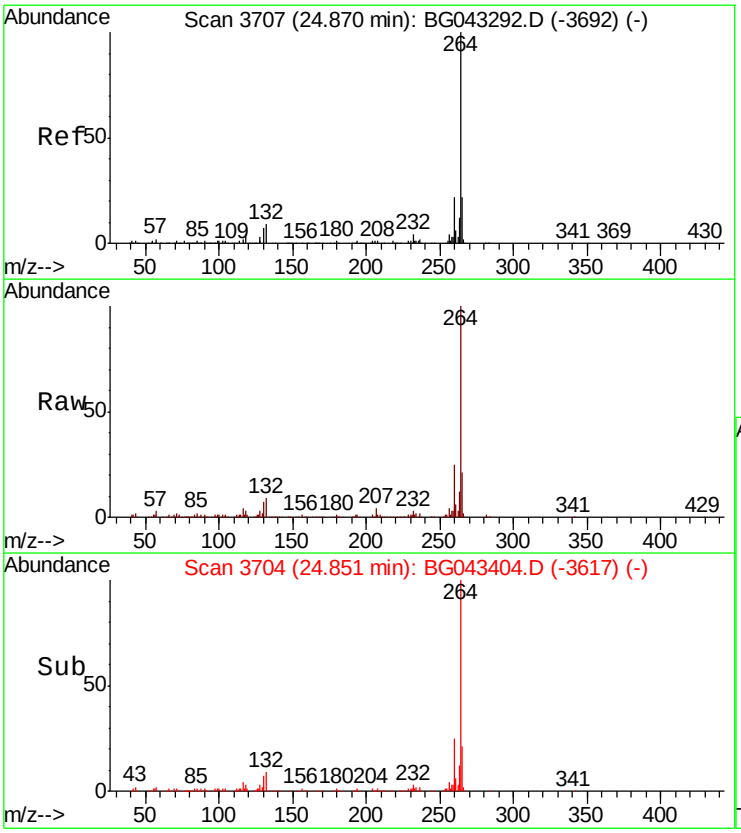
#79
Terphenyl-d14
Concen: 80.176 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043404.D
Acq: 30 Oct 2019 17:19

Instrument :
BNA_G
ClientSampleId :
PB124338BL

Tgt Ion:244 Resp: 1324534

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	6.4	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG043404.D
Acq: 30 Oct 2019 17:19

Tgt Ion:264 Resp: 357501

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.9	26.9
265	21.3	17.4	26.2