Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102319\
Data File : BG043321.D
Acq On : 23 Oct 2019 23:10
Operator : JU
Sample : K5495-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WASTE

Quant Time: Oct 24 07:10:01 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	8.03	152	34449	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	115099	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	94853	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	243341	20.00	ng	0.00
76) Chrysene-d12	21.66	240	308001	20.00	ng	0.00
87) Perylene-d12	24.86	264	345220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	275866	146.74	ng	0.00
7) Phenol-d6	7.20	99	359937	133.07	ng	0.00
23) Nitrobenzene-d5	9.19	82	228183	102.21	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	263345	145.89	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	603601	87.93	ng	0.00
79) Terphenyl-d14	20.01	244	1570667	95.67	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.10	163	55844	7.601	ng	# 94

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

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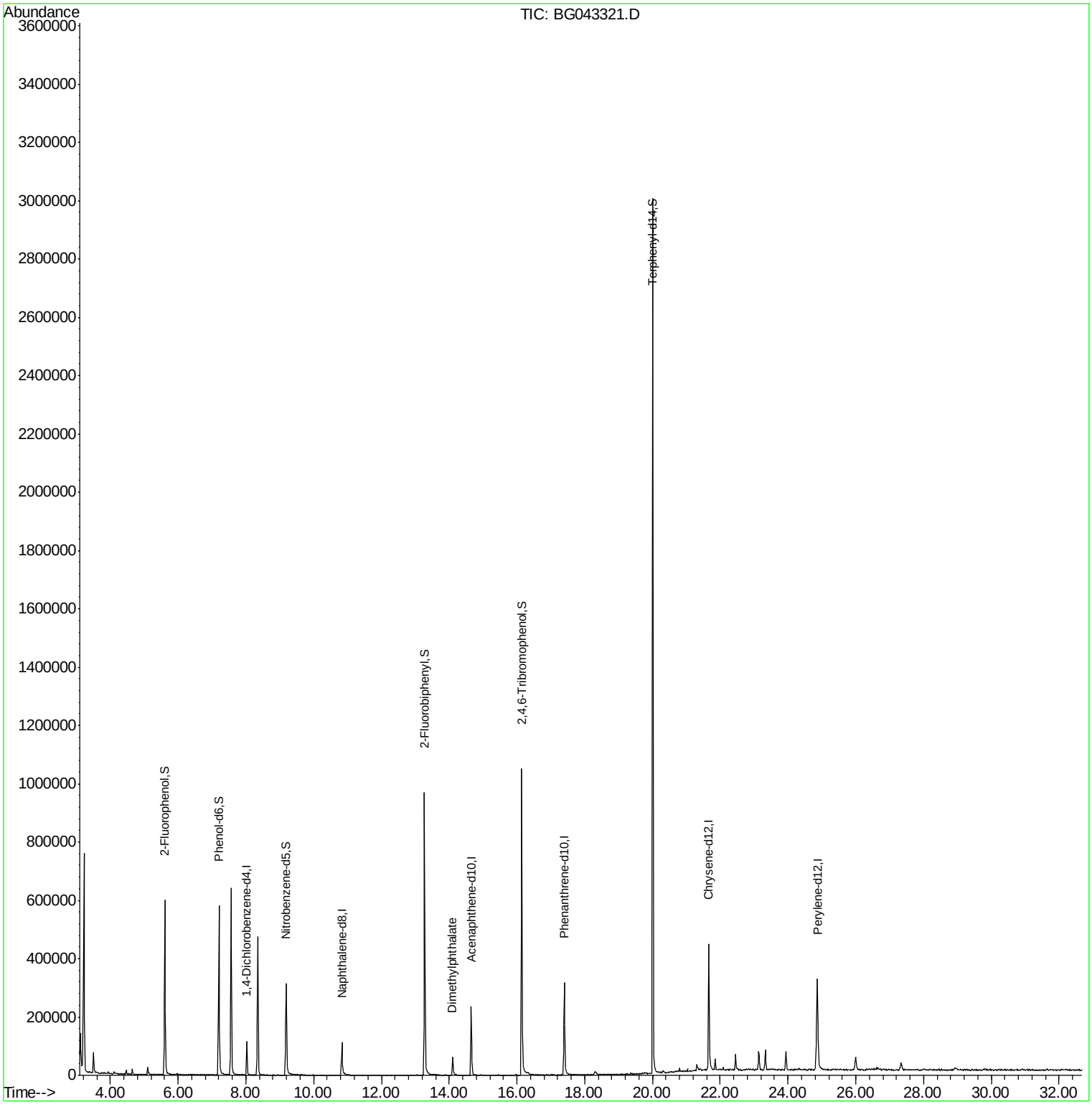
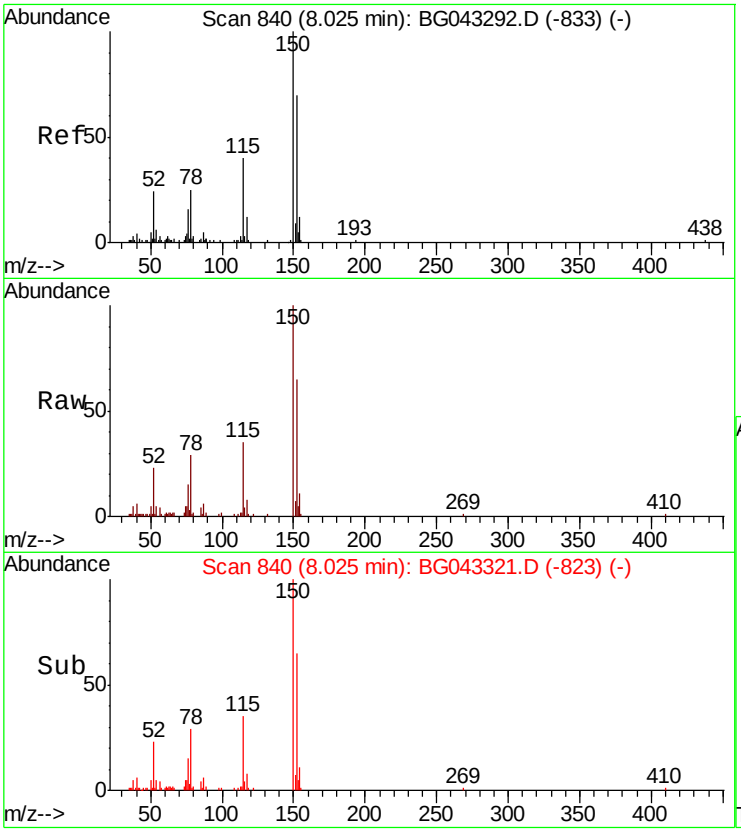


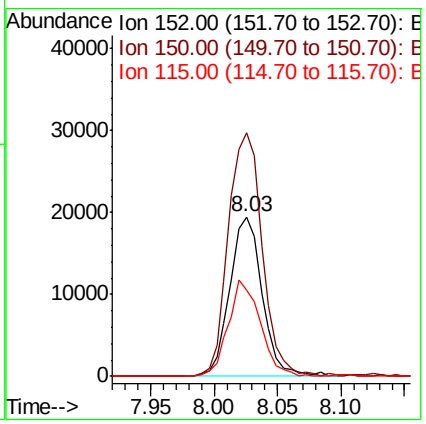


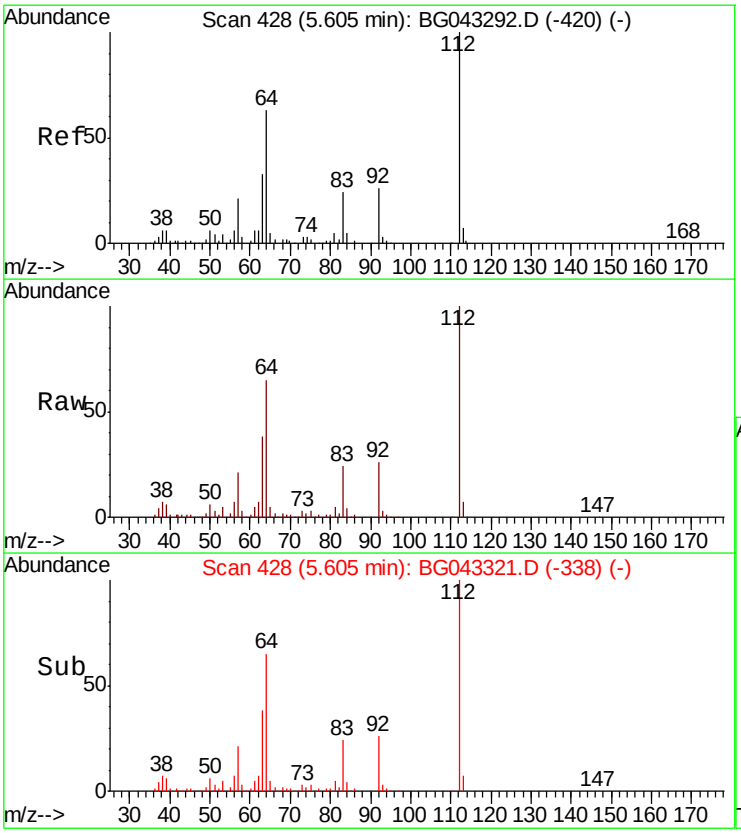
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043321.D
Acq: 23 Oct 2019 23:10

Instrument :
BNA_G
ClientSampleId :
WASTE

Tgt Ion:152 Resp: 34449

Ion	Ratio	Lower	Upper
152	100		
150	152.9	113.6	170.4
115	54.0	45.9	68.9

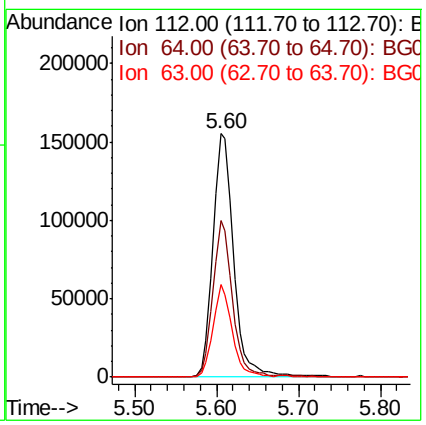


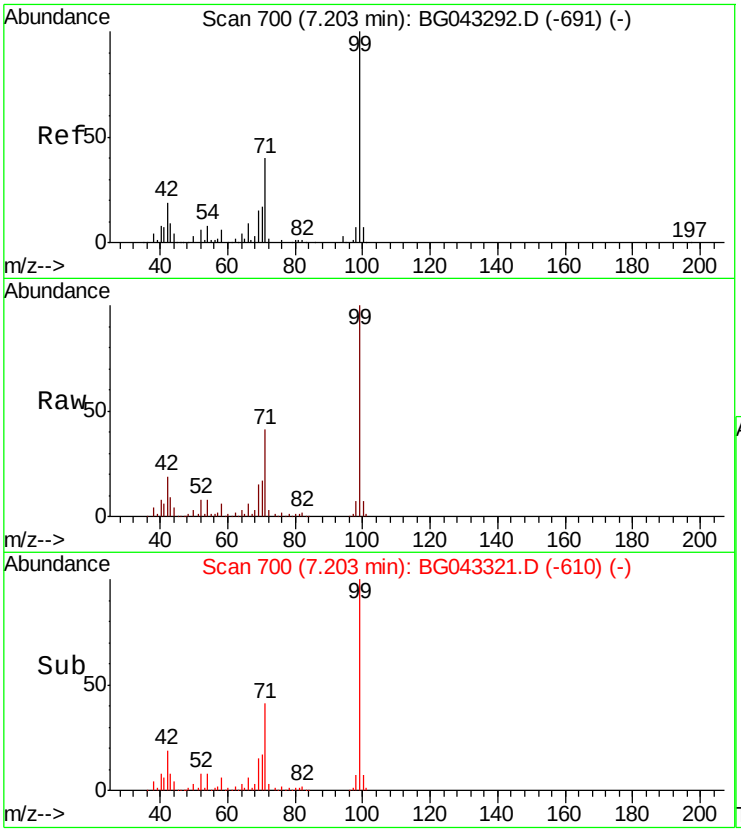


#5
2-Fluorophenol
Concen: 146.742 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043321.D
Acq: 23 Oct 2019 23:10

Tgt Ion:112 Resp: 275866

Ion	Ratio	Lower	Upper
112	100		
64	64.5	50.2	75.2
63	38.0	26.7	40.1



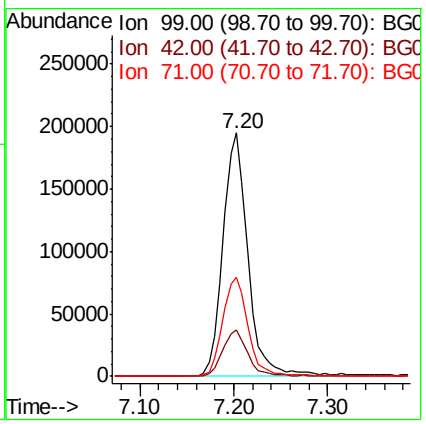


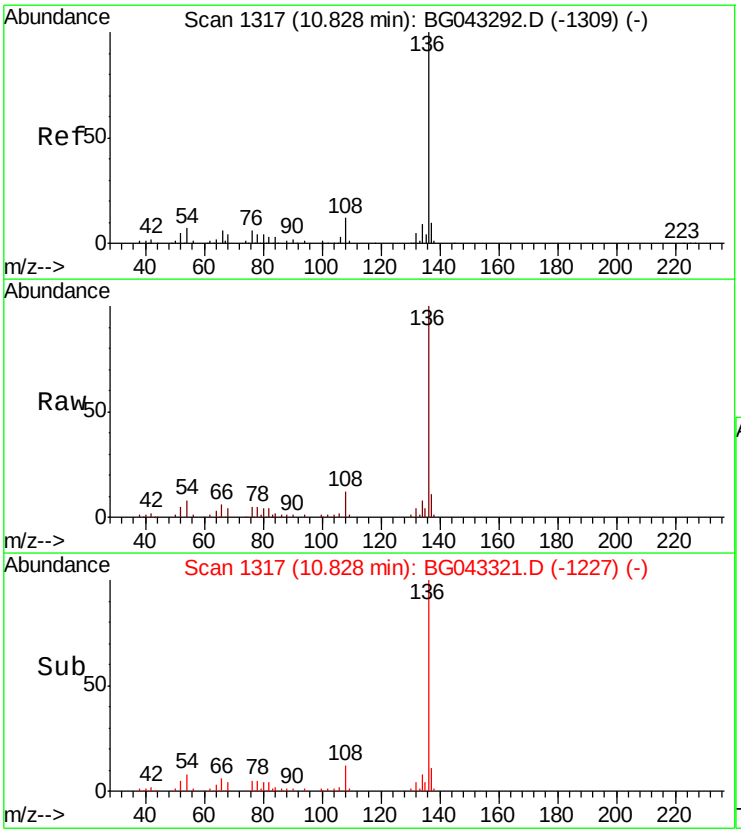
#7
Phenol-d6
Concen: 133.074 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG043321.D
Acq: 23 Oct 2019 23:10

Instrument :
BNA_G
ClientSampleId :
WASTE

Tgt Ion: 99 Resp: 359937

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.9	22.3
71	40.6	32.2	48.2

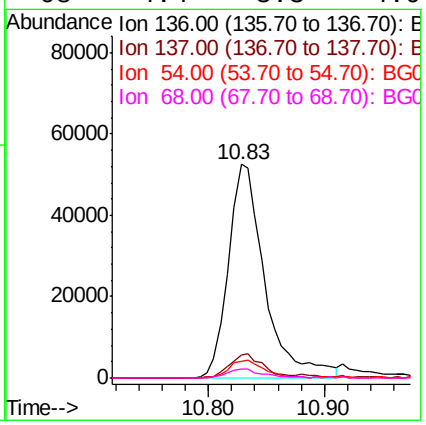


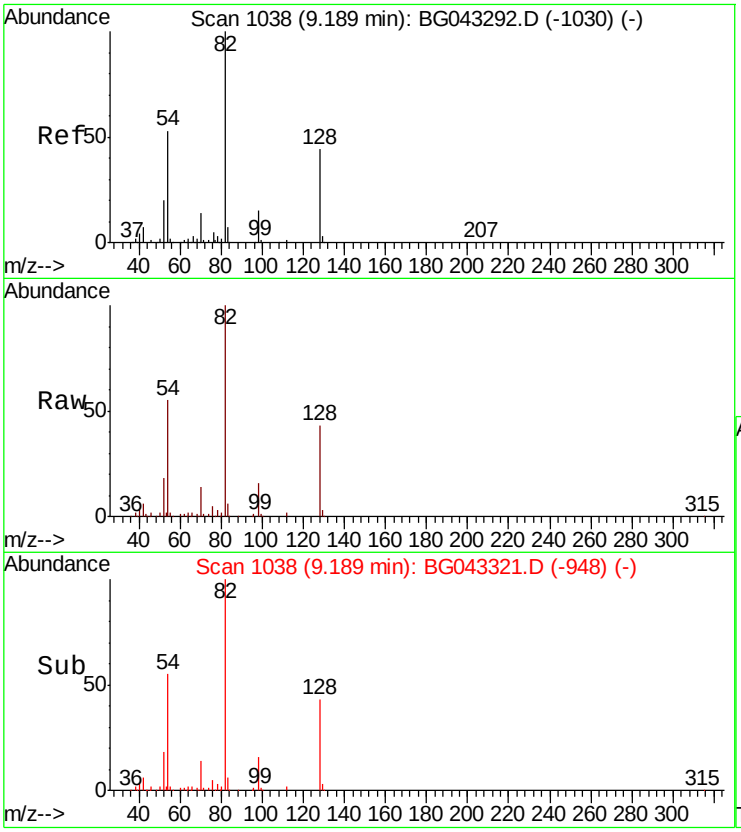


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043321.D
Acq: 23 Oct 2019 23:10

Tgt Ion:136 Resp: 115099

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.2
54	7.8	5.4	8.2
68	4.4	3.3	4.9



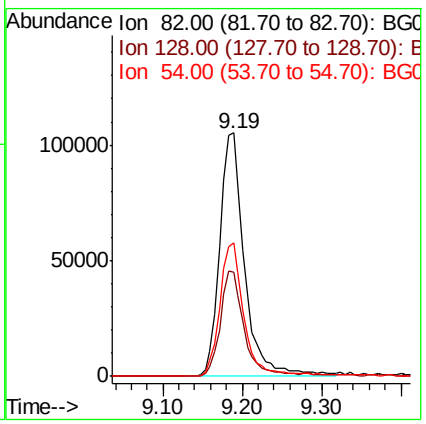


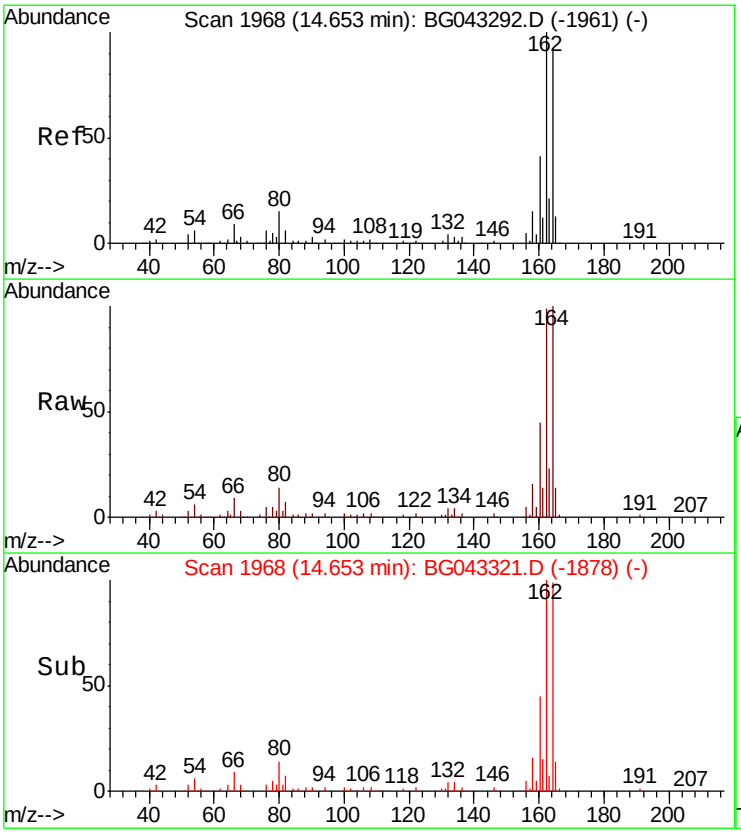
#23
Nitrobenzene-d5
Concen: 102.206 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043321.D
Acq: 23 Oct 2019 23:10

Instrument :
BNA_G
ClientSampleId :
WASTE

Tgt Ion: 82 Resp: 228183

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.3	52.9
54	54.7	42.3	63.5

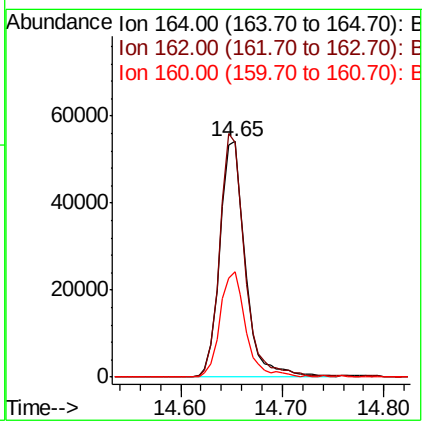


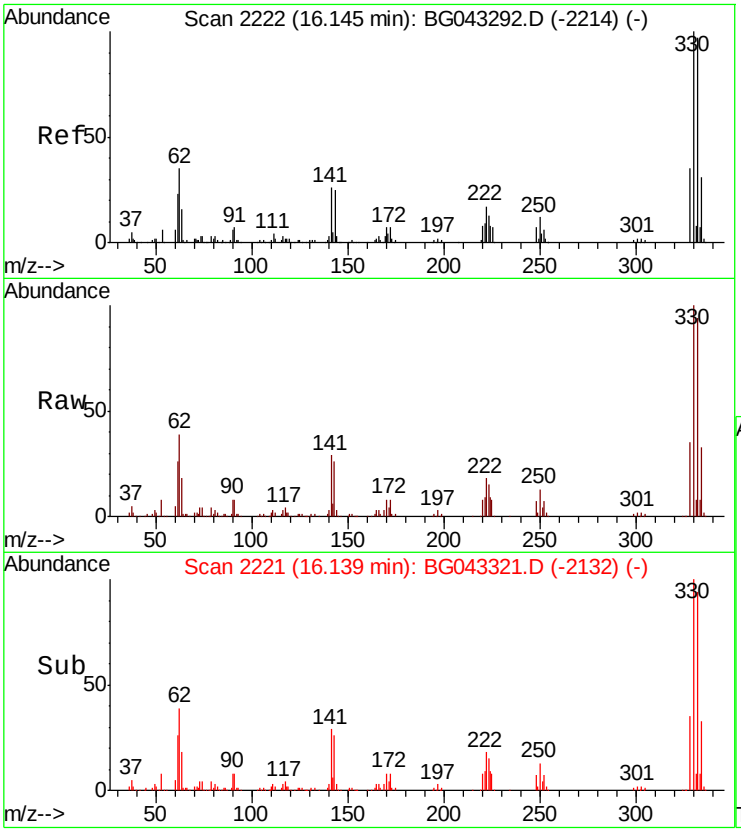


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043321.D
Acq: 23 Oct 2019 23:10

Tgt Ion:164 Resp: 94853

Ion	Ratio	Lower	Upper
164	100		
162	99.4	87.0	130.4
160	44.6	35.5	53.3



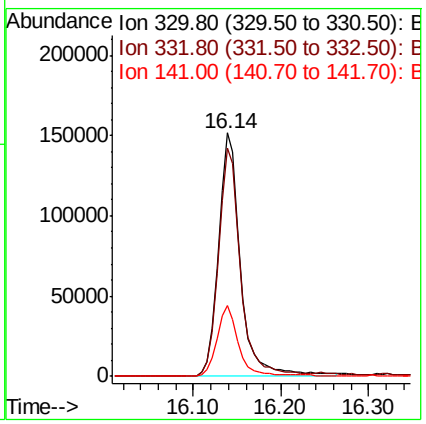


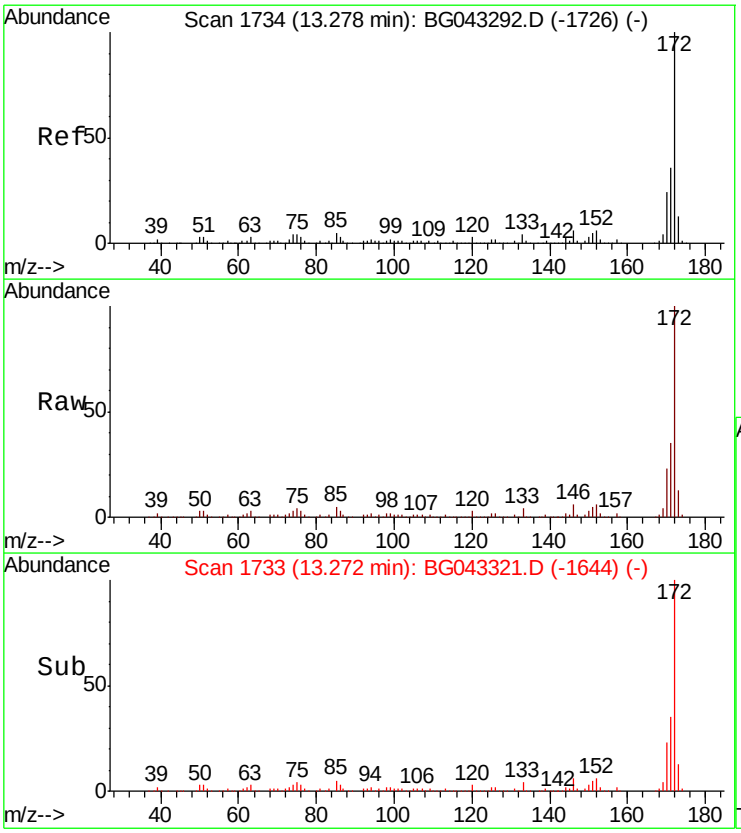
#42
2,4,6-Tribromophenol
Concen: 145.893 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043321.D
Acq: 23 Oct 2019 23:10

Instrument :
BNA_G
ClientSampleId :
WASTE

Tgt Ion:330 Resp: 263345

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.4	114.6
141	27.9	21.4	32.0

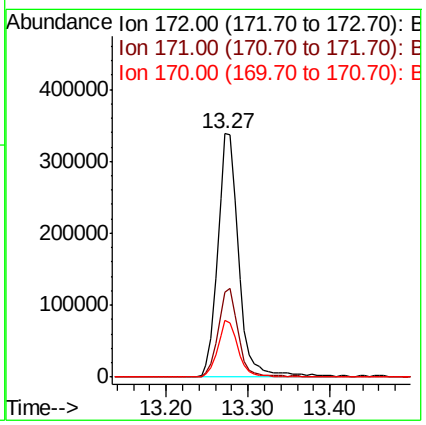


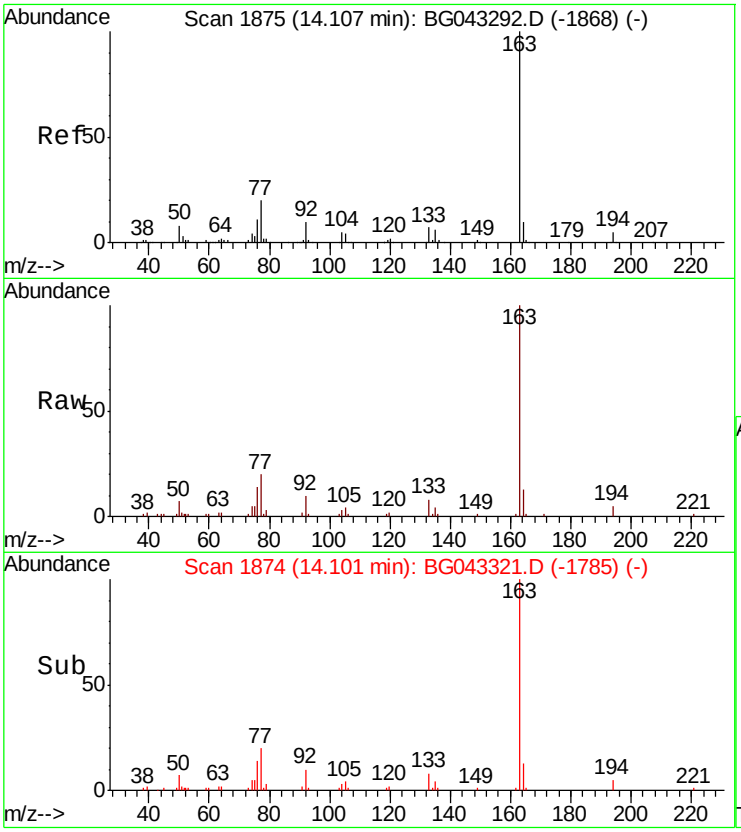


#45
2-Fluorobiphenyl
Concen: 87.932 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043321.D
Acq: 23 Oct 2019 23:10

Tgt Ion:172 Resp: 603601

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.5	18.8	28.2



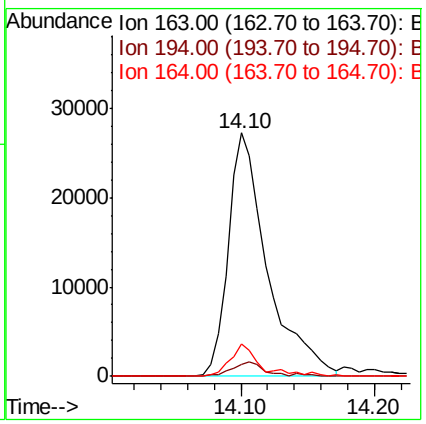


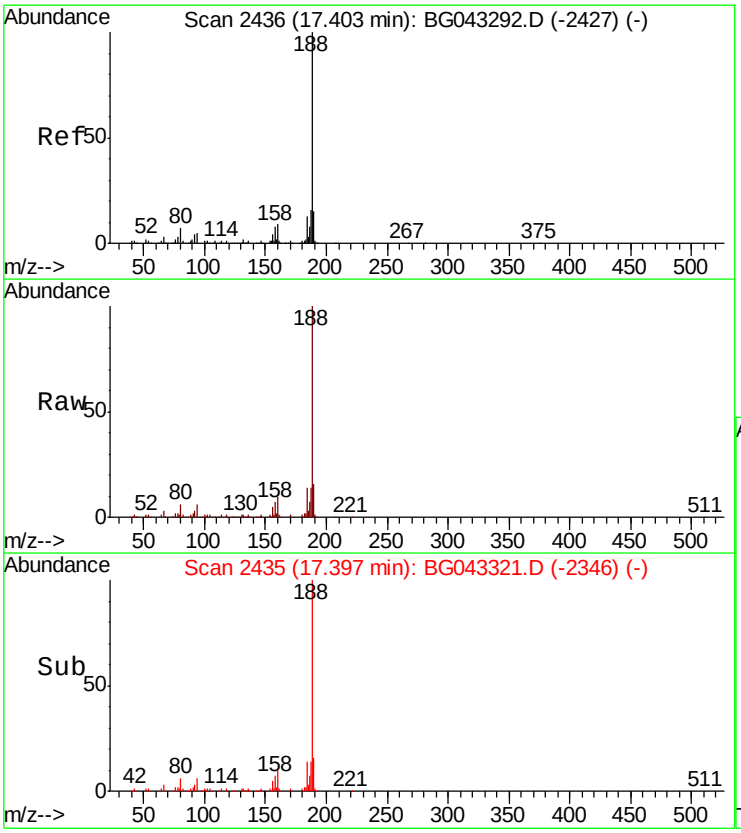
#50
Dimethylphthalate
Concen: 7.601 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043321.D
Acq: 23 Oct 2019 23:10

Instrument :
BNA_G
ClientSampleId :
WASTE

Tgt Ion:163 Resp: 55844

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.7	5.5
164	13.4	8.1	12.1#

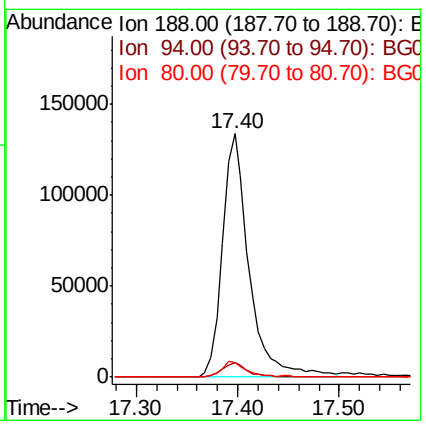


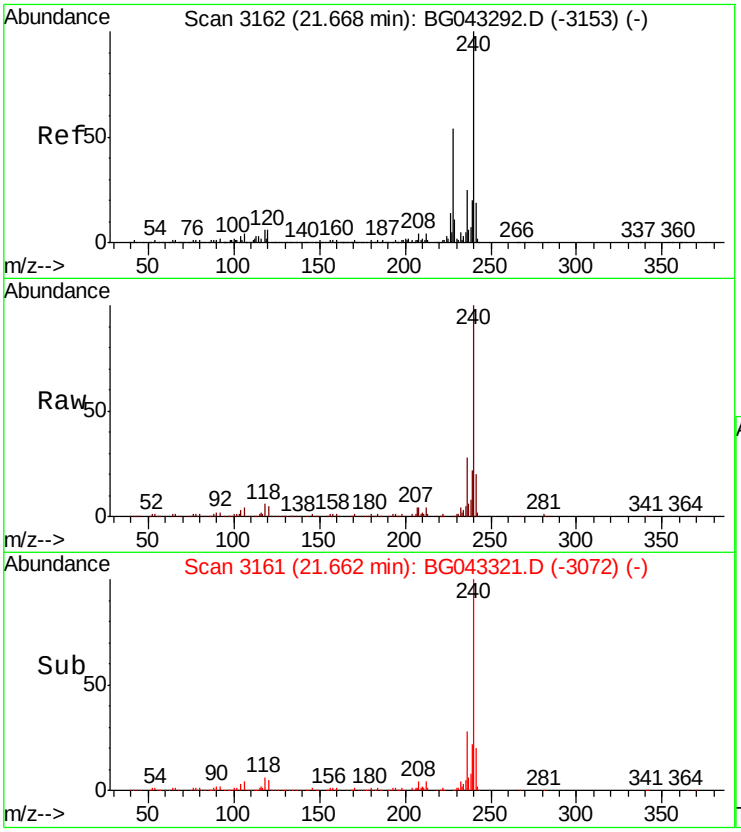


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043321.D
Acq: 23 Oct 2019 23:10

Tgt Ion:188 Resp: 243341

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



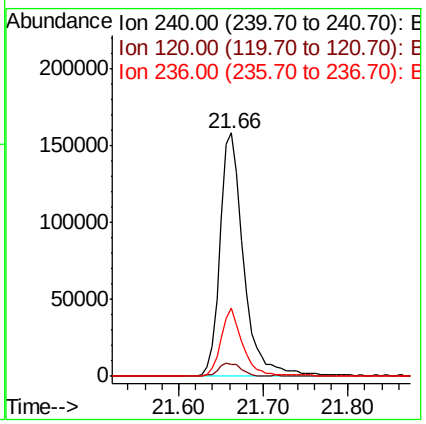


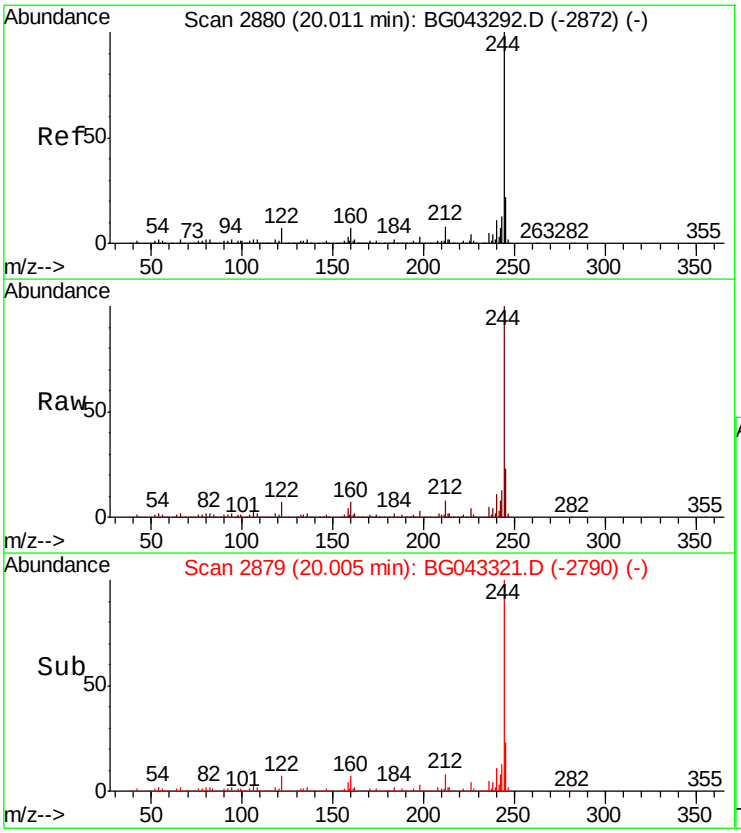
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043321.D
Acq: 23 Oct 2019 23:10

Instrument :
BNA_G
ClientSampleId :
WASTE

Tgt Ion:240 Resp: 308001

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	7.0
236	27.9	20.2	30.4

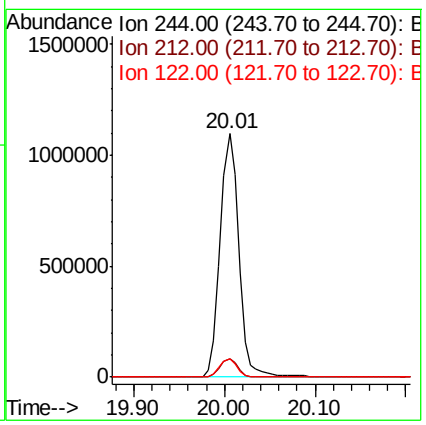


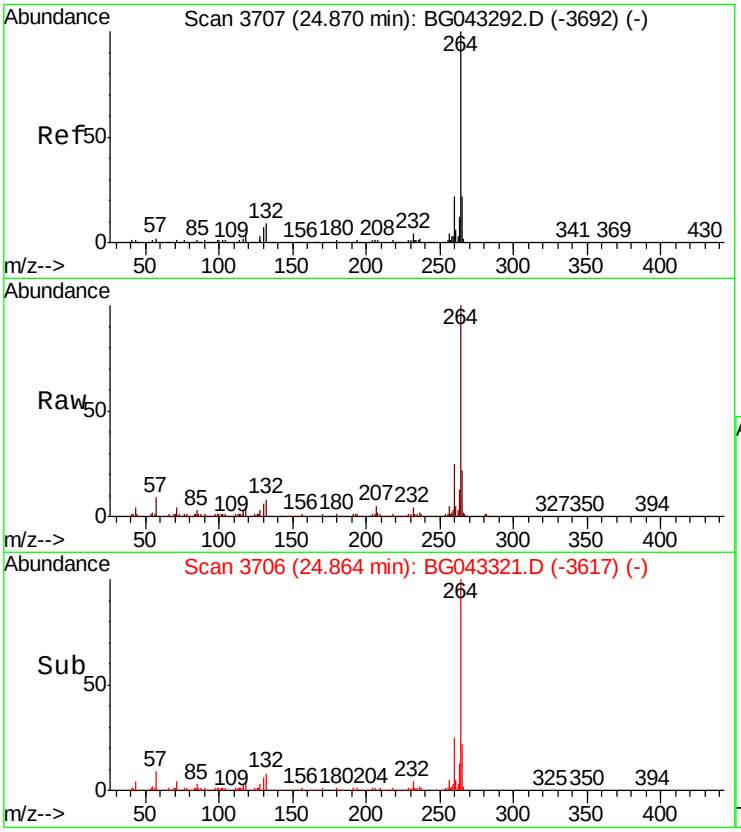


#79
Terphenyl-d14
Concen: 95.670 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043321.D
Acq: 23 Oct 2019 23:10

Tgt Ion:244 Resp: 1570667

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	7.4	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043321.D
Acq: 23 Oct 2019 23:10

Instrument :
BNA_G
ClientSampleId :
WASTE

Tgt Ion:264 Resp: 345220

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.9	26.9
265	21.8	17.4	26.2