Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043391.D
Acq On : 30 Oct 2019 3:19
Operator : JU
Sample : K5140-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-102519

Quant Time: Oct 30 09:03:57 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	45452	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	168532	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	120318	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	270675	20.00	ng	0.00
76) Chrysene-d12	21.66	240	297639	20.00	ng	0.00
87) Perylene-d12	24.86	264	351005	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	331405	133.61	ng	0.01
7) Phenol-d6	7.21	99	450582	126.26	ng	0.01
23) Nitrobenzene-d5	9.19	82	282800	86.51	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	301034	131.48	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	773656	88.85	ng	0.00
79) Terphenyl-d14	20.01	244	1537679	96.92	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.10	163	41539	4.457	ng	# 95

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

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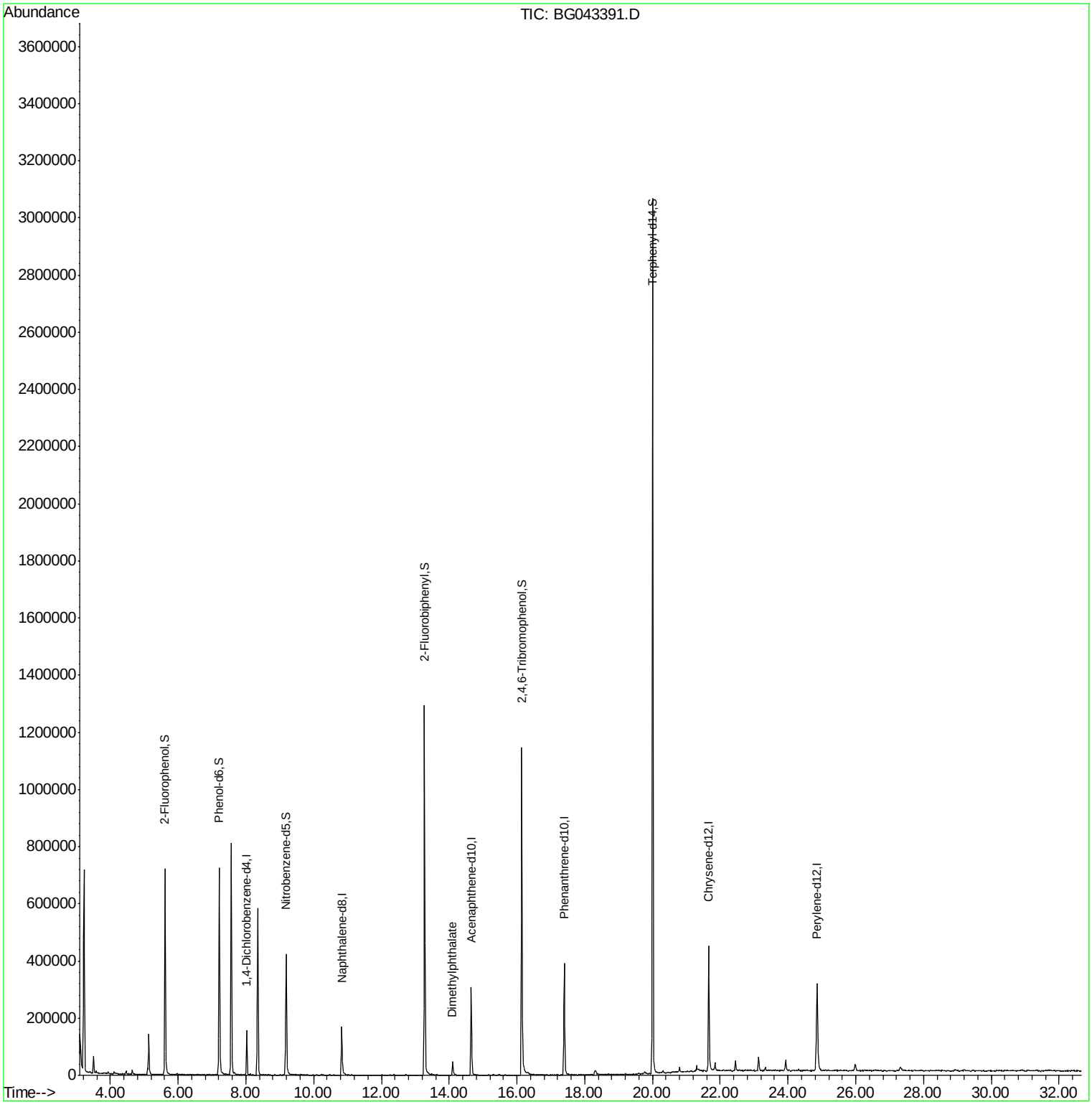
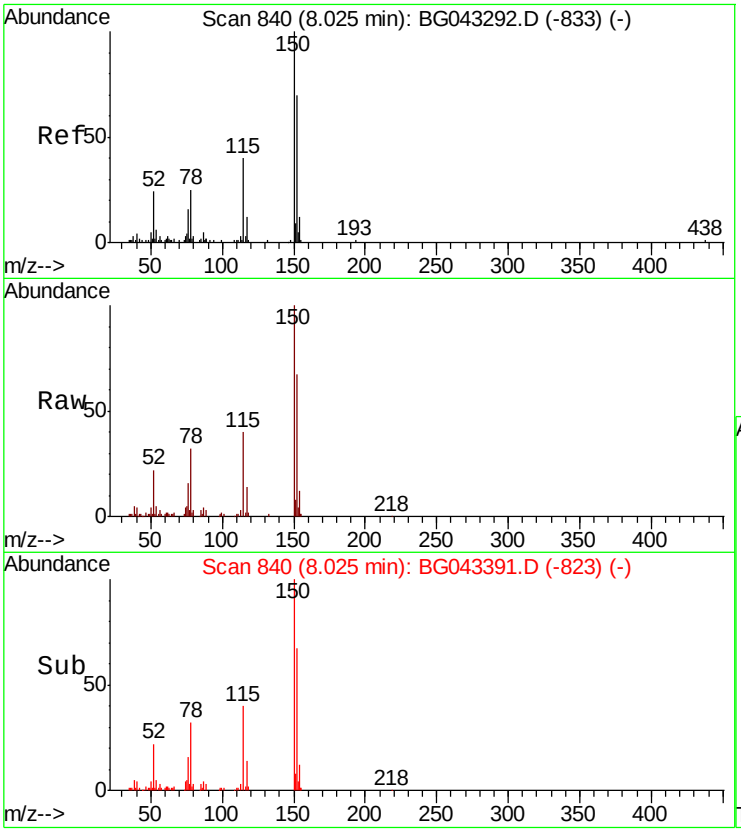


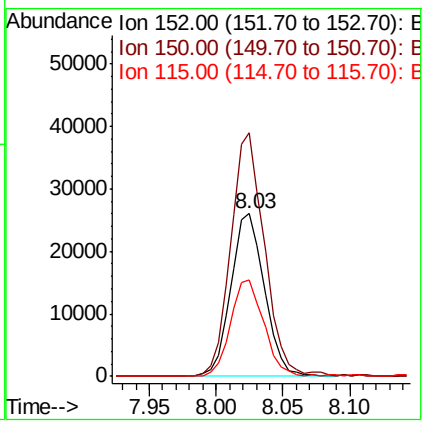


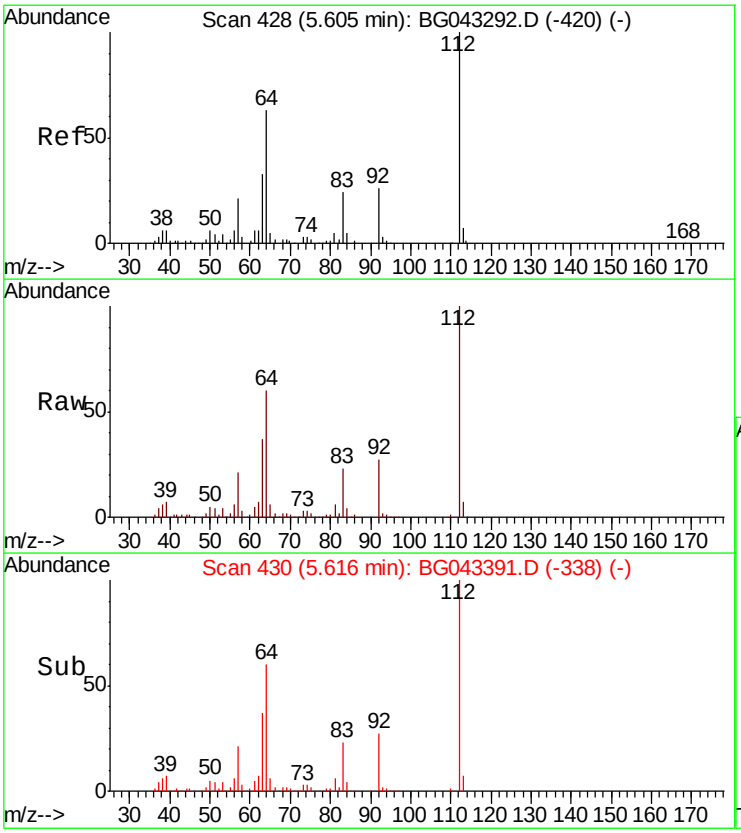
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-102519

Tgt Ion:152 Resp: 45452

Ion	Ratio	Lower	Upper
152	100		
150	149.5	113.6	170.4
115	59.1	45.9	68.9

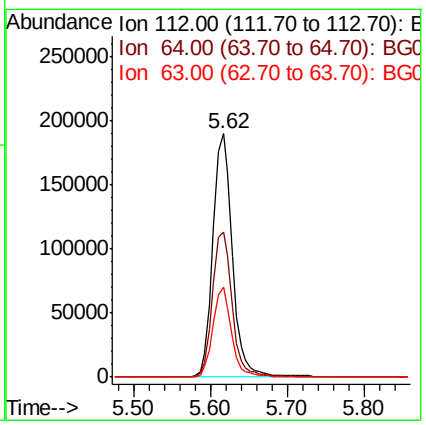


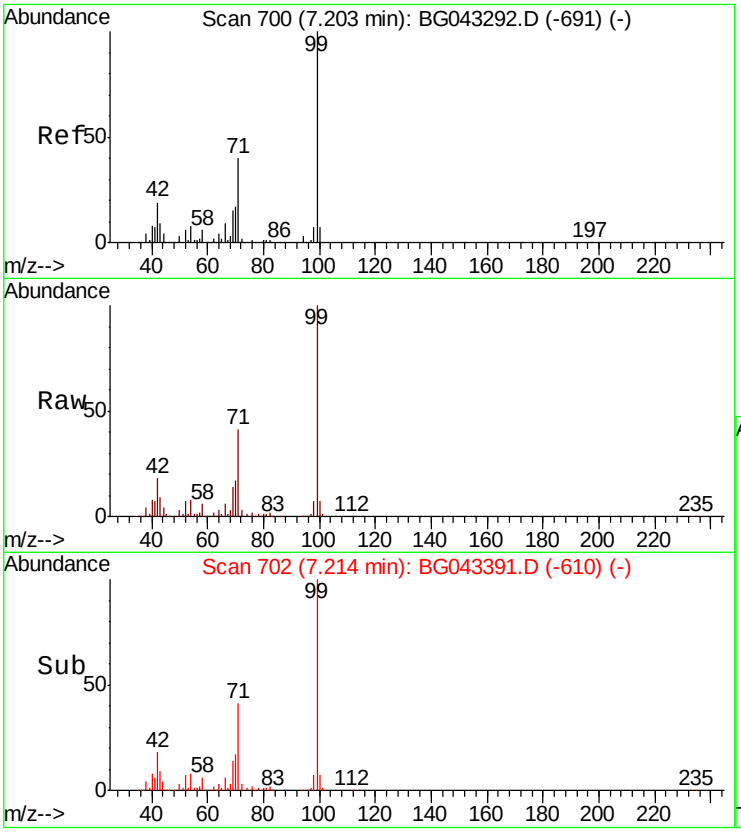


#5
2-Fluorophenol
Concen: 133.610 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Tgt Ion:112 Resp: 331405

Ion	Ratio	Lower	Upper
112	100		
64	59.6	50.2	75.2
63	36.9	26.7	40.1



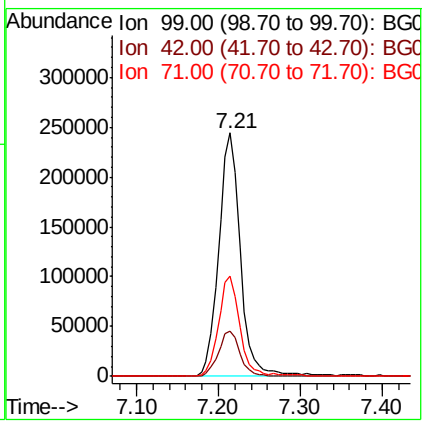


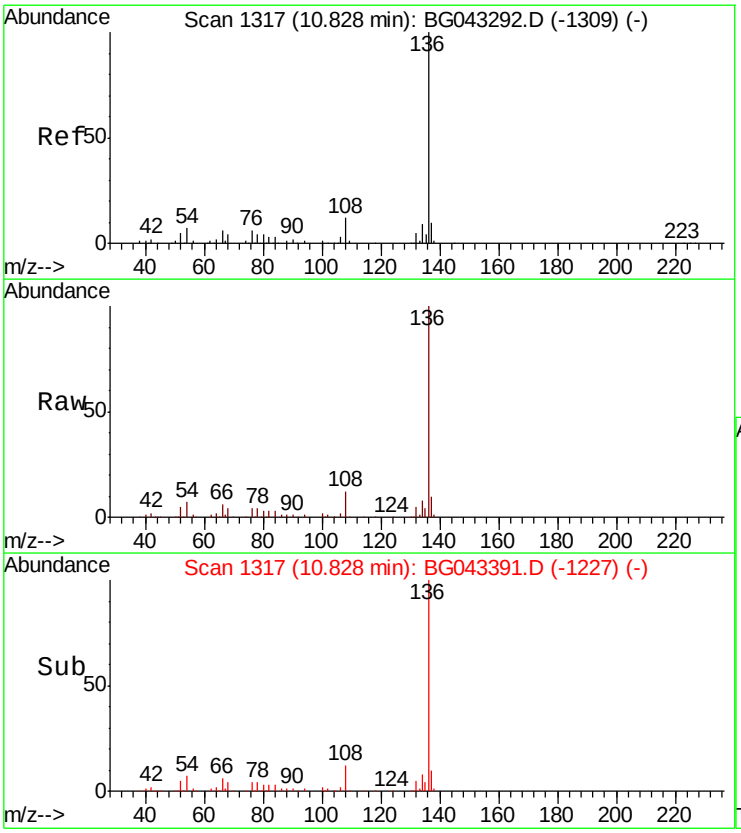
#7
Phenol-d6
Concen: 126.259 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-102519

Tgt Ion: 99 Resp: 450582

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.9	22.3
71	41.1	32.2	48.2

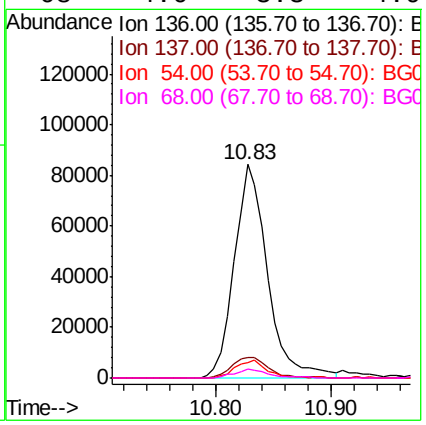


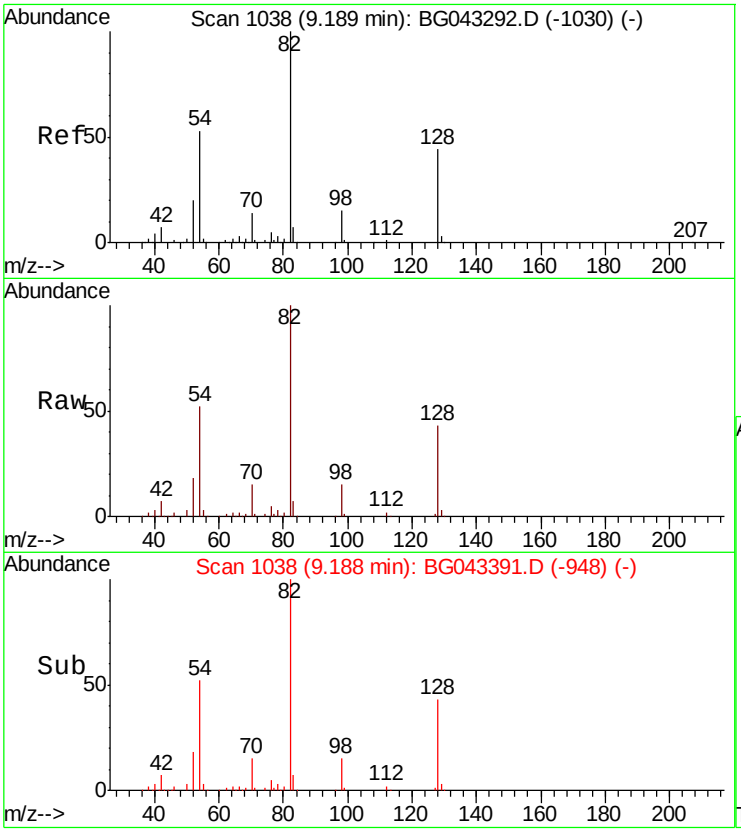


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Tgt Ion:136 Resp: 168532

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.2	12.2
54	7.0	5.4	8.2
68	4.0	3.3	4.9



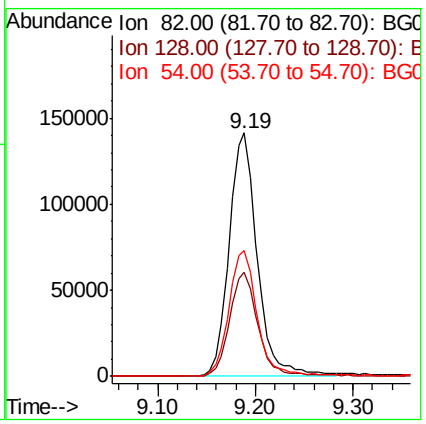


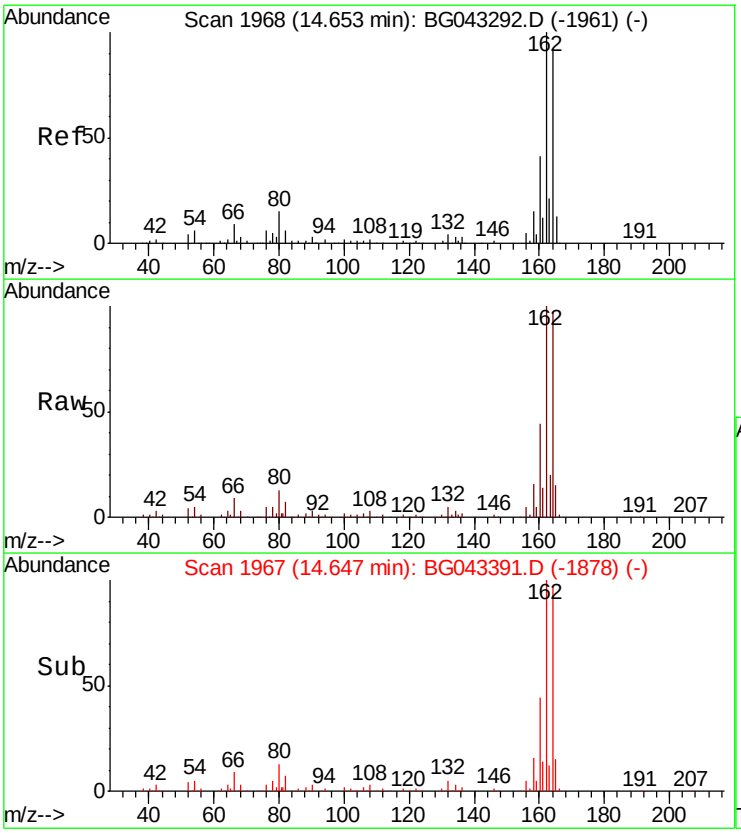
#23
Nitrobenzene-d5
Concen: 86.509 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-102519

Tgt Ion: 82 Resp: 282800

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.3	52.9
54	51.9	42.3	63.5

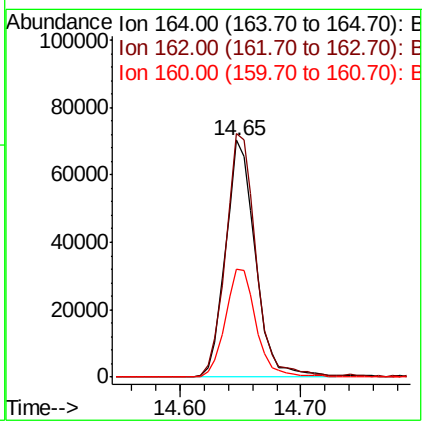


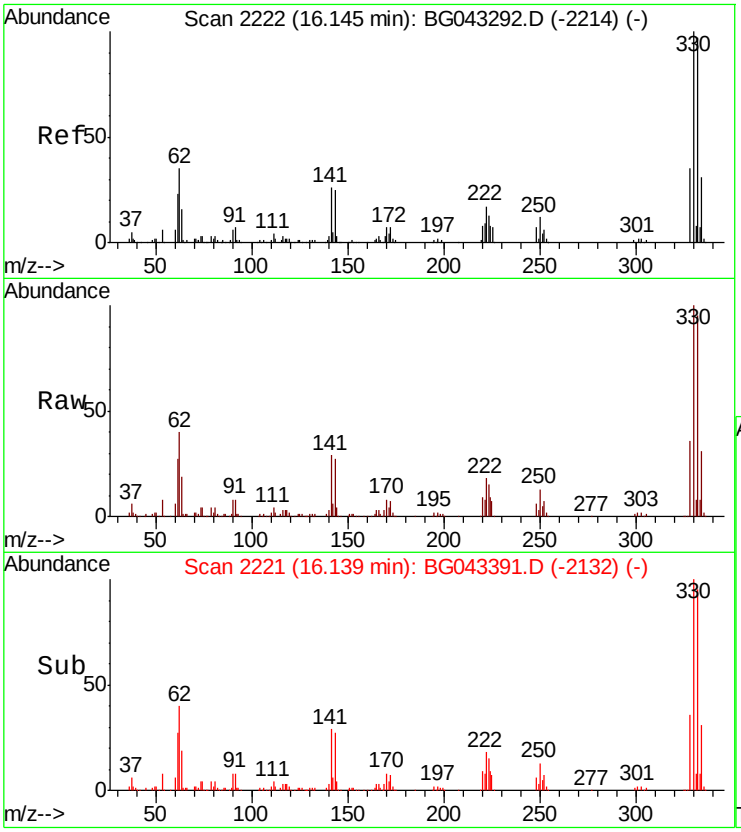


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Tgt Ion:164 Resp: 120318

Ion	Ratio	Lower	Upper
164	100		
162	102.7	87.0	130.4
160	45.6	35.5	53.3



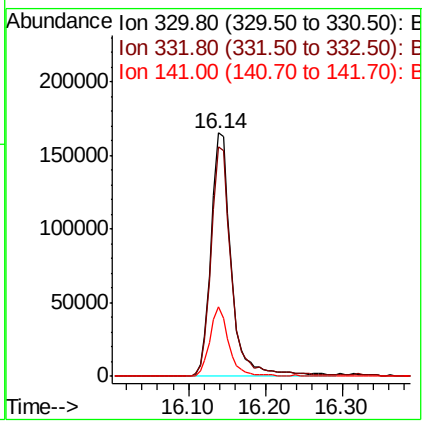


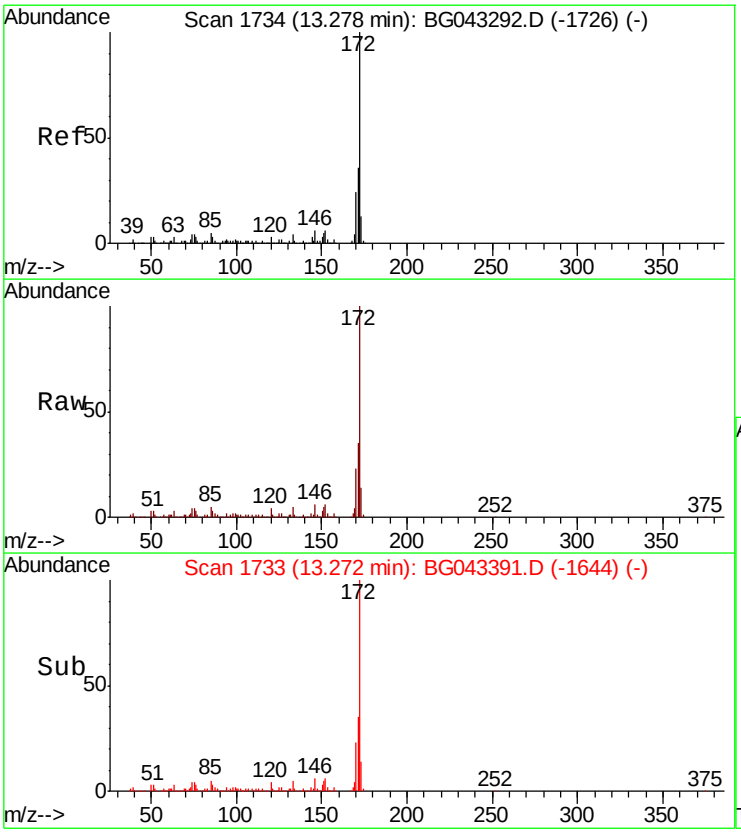
#42
2,4,6-Tribromophenol
Concen: 131.476 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-102519

Tgt Ion:330 Resp: 301034

Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.4	114.6
141	26.6	21.4	32.0

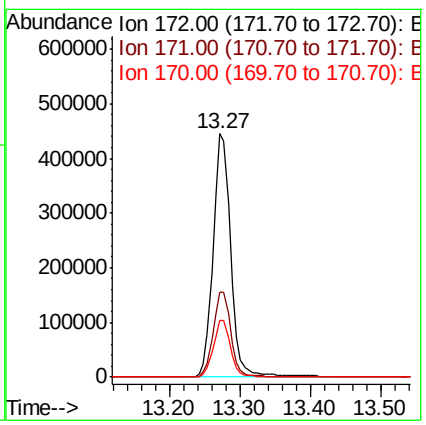


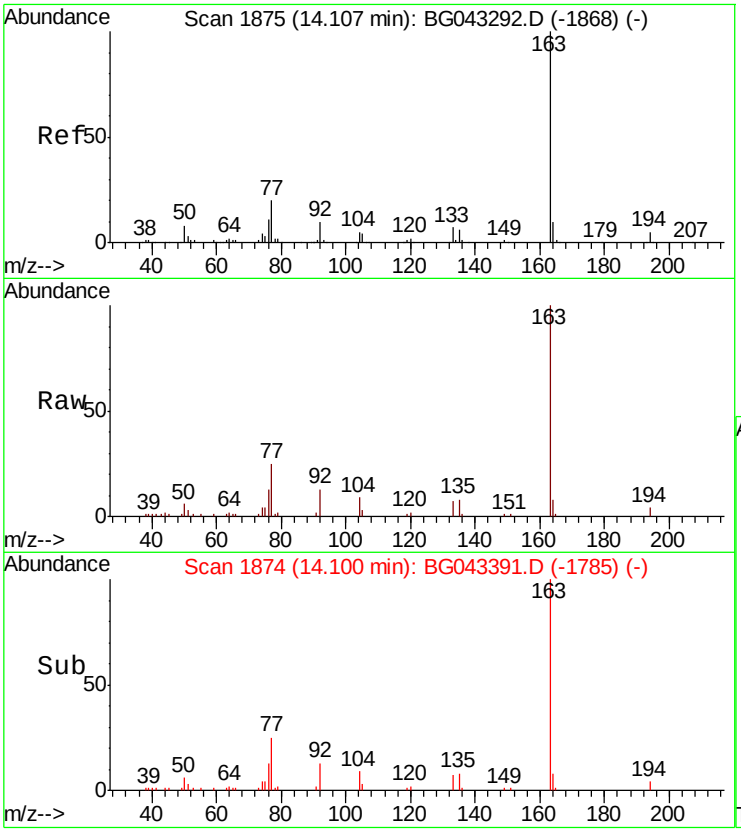


#45
2-Fluorobiphenyl
Concen: 88.851 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Tgt Ion:172 Resp: 773656

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.3	18.8	28.2



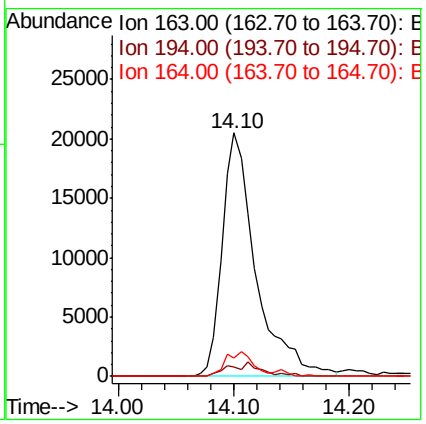


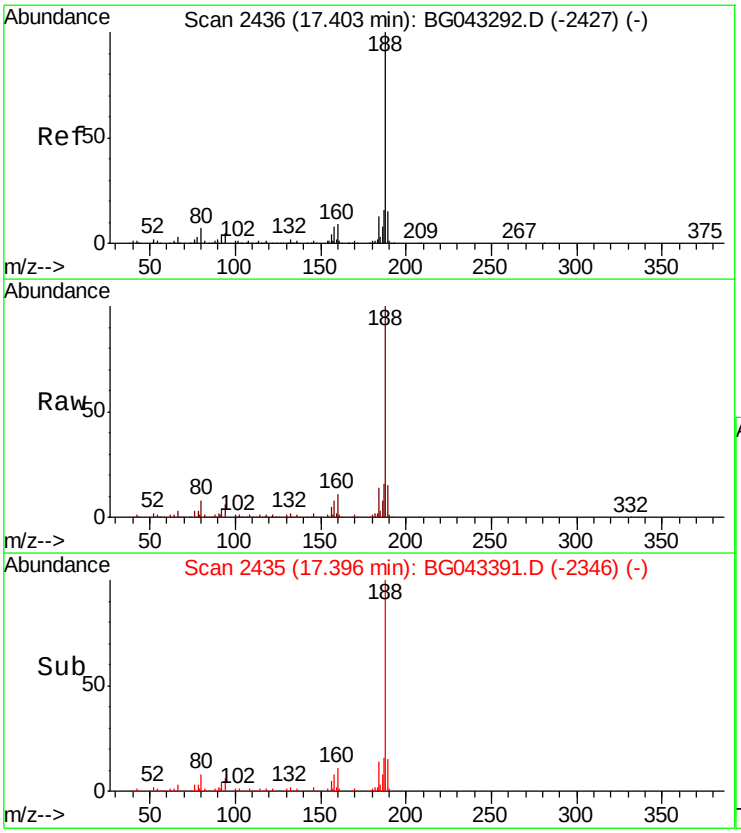
#50
Dimethylphthalate
Concen: 4.457 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-102519

Tgt Ion:163 Resp: 41539

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.7	5.5#
164	7.7	8.1	12.1#

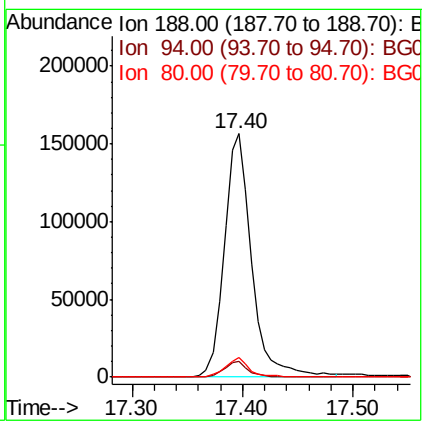


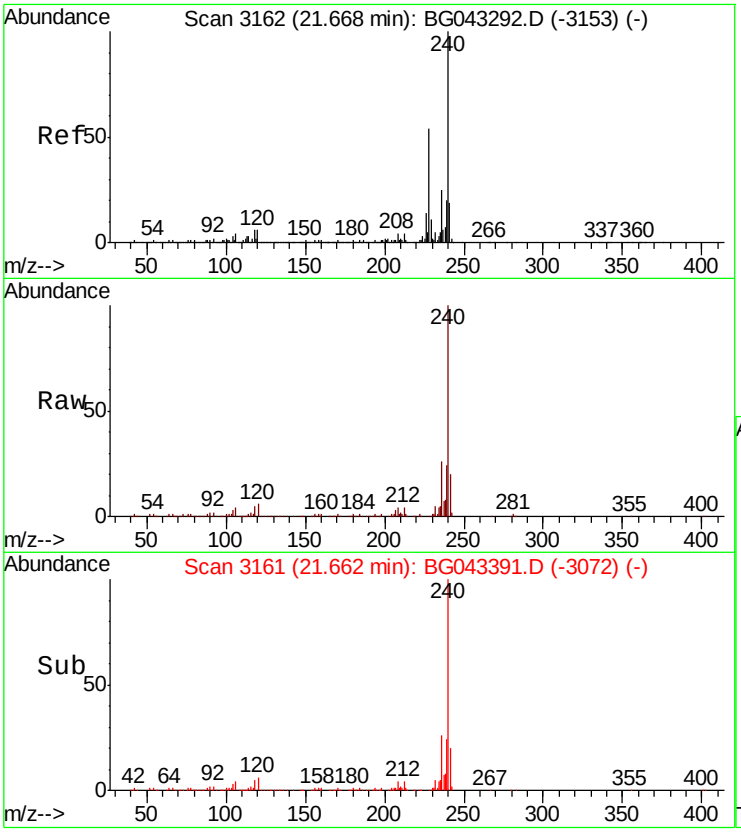


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Tgt Ion:188 Resp: 270675

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



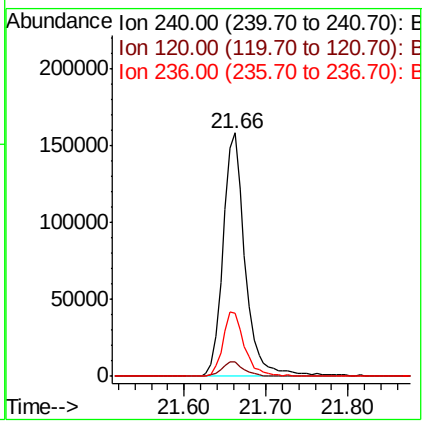


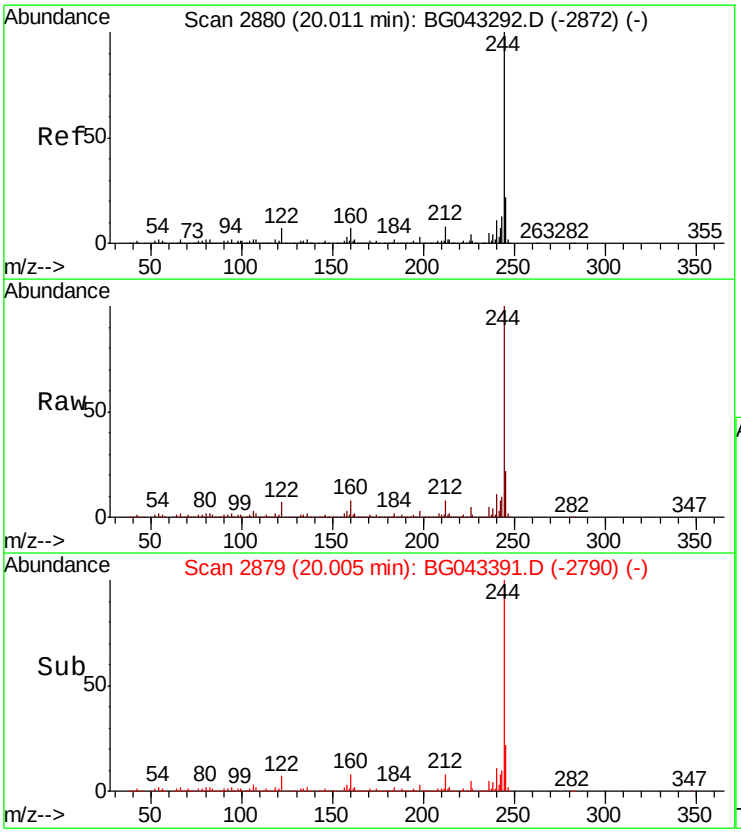
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-102519

Tgt Ion:240 Resp: 297639

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.6	7.0
236	25.7	20.2	30.4

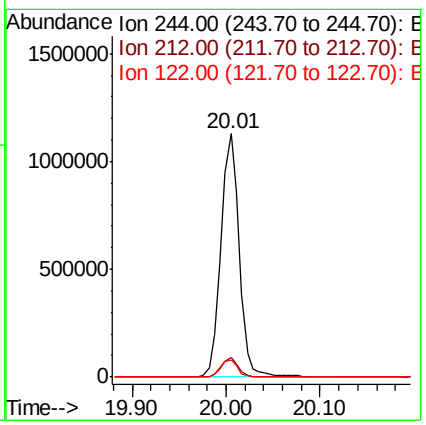


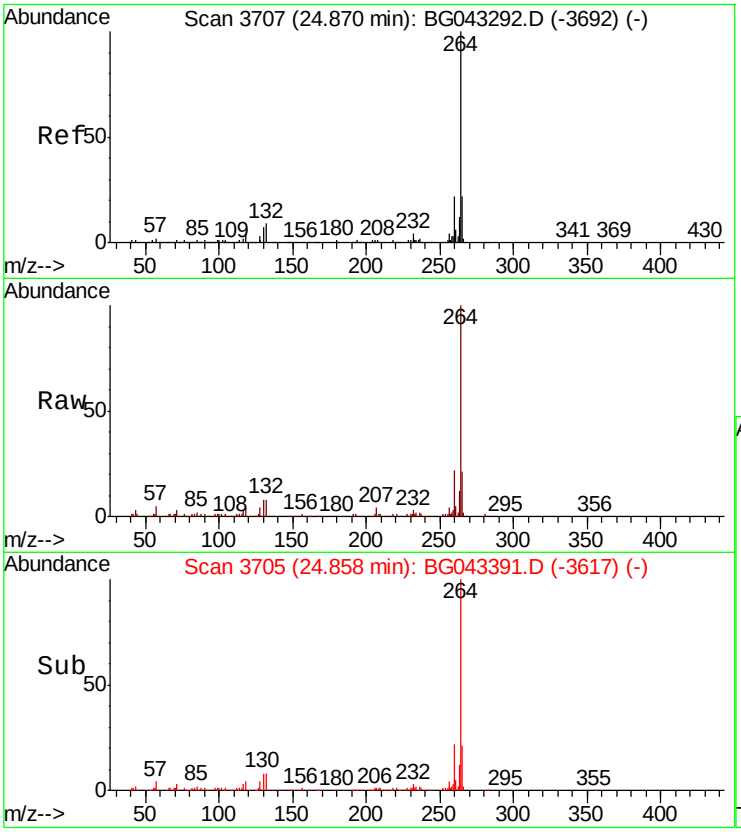


#79
Terphenyl-d14
Concen: 96.922 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Tgt Ion:244 Resp: 1537679

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.4	9.6
122	7.1	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043391.D
Acq: 30 Oct 2019 3:19

Instrument :
BNA_G
ClientSampleId :
HR-06-102519

Tgt Ion:264 Resp: 351005

Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.9	26.9
265	21.3	17.4	26.2