Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043395.D
Acq On : 30 Oct 2019 5:53
Operator : JU
Sample : K5564-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CSA-2-1-2

Quant Time: Oct 30 09:19:50 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	44122	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	162166	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	115068	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	265113	20.00	ng	0.00
76) Chrysene-d12	21.66	240	296387	20.00	ng	0.00
87) Perylene-d12	24.85	264	351160	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	329716	136.94	ng	0.01
7) Phenol-d6	7.21	99	437657	126.33	ng	0.01
23) Nitrobenzene-d5	9.19	82	280841	89.28	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	258822	118.20	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	750859	90.17	ng	0.00
79) Terphenyl-d14	20.01	244	1480438	93.71	ng	0.00
Target Compounds						Qvalue

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

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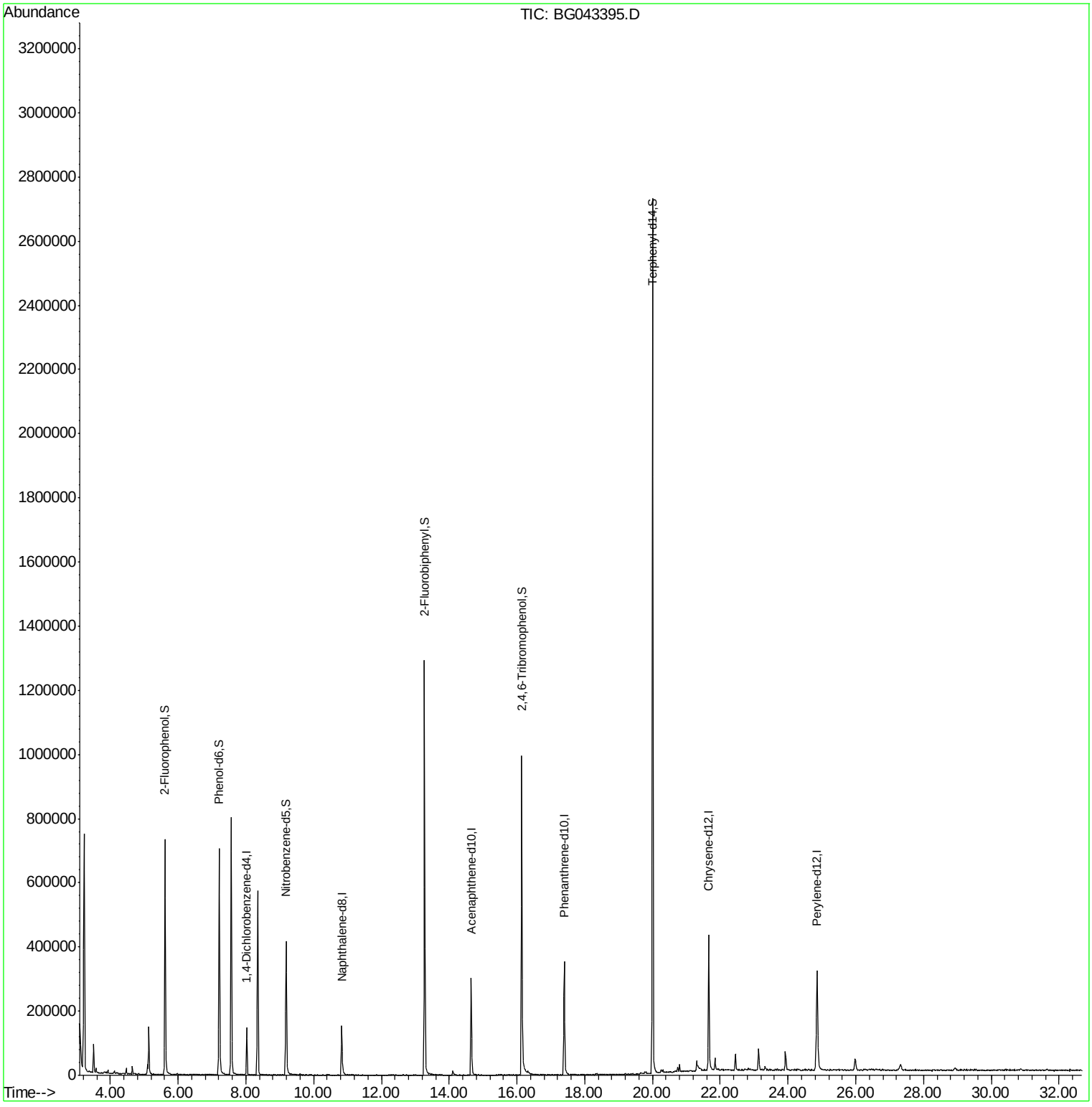
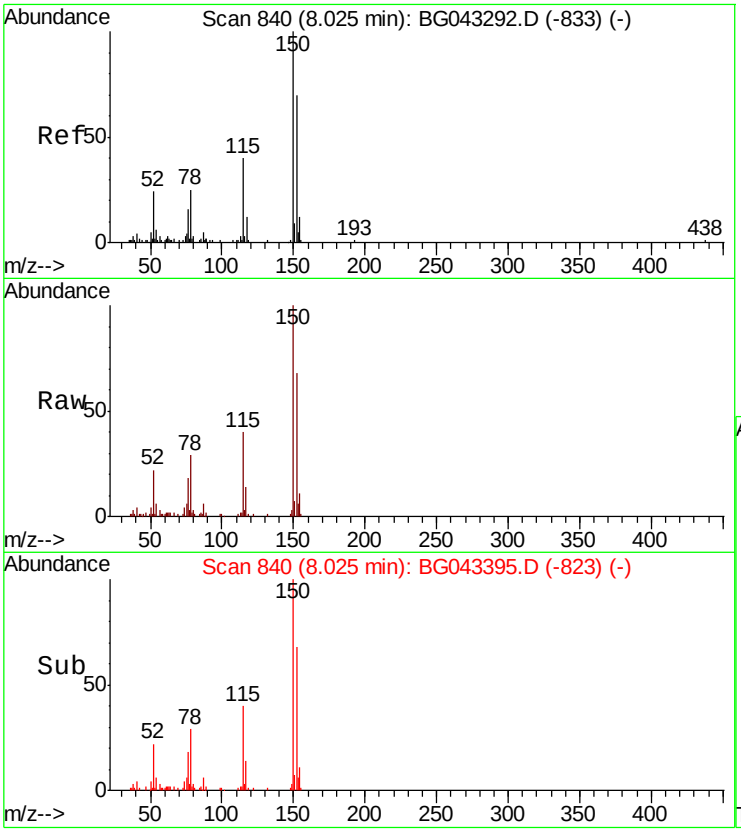


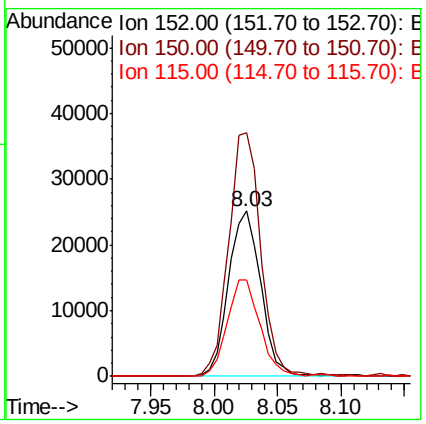


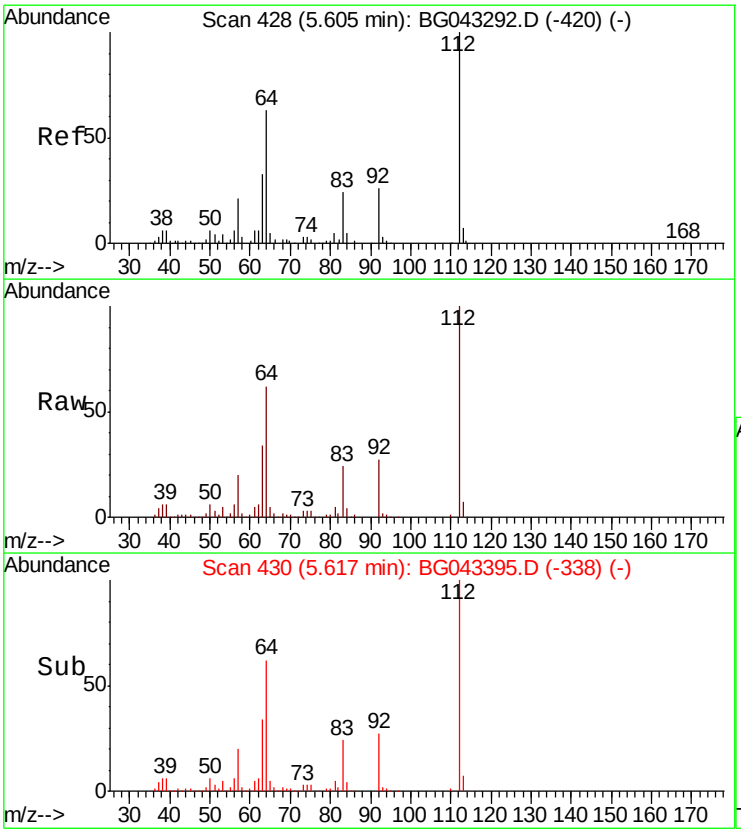
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-2

Tgt Ion:152 Resp: 44122

Ion	Ratio	Lower	Upper
152	100		
150	147.6	113.6	170.4
115	58.5	45.9	68.9

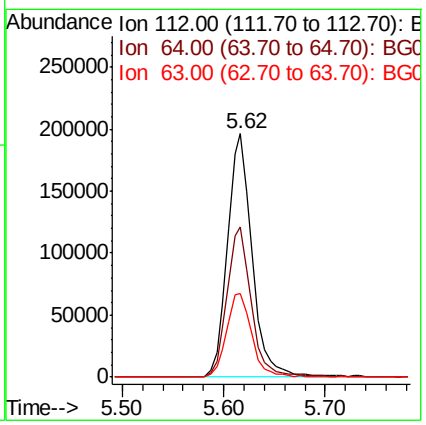


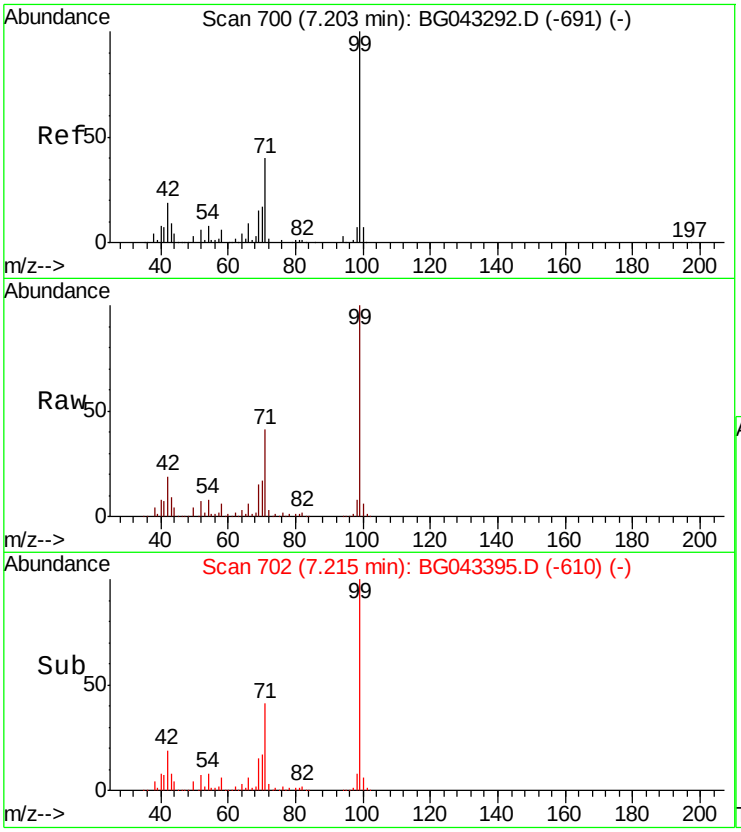


#5
2-Fluorophenol
Concen: 136.936 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

Tgt Ion:112 Resp: 329716

Ion	Ratio	Lower	Upper
112	100		
64	61.8	50.2	75.2
63	34.4	26.7	40.1



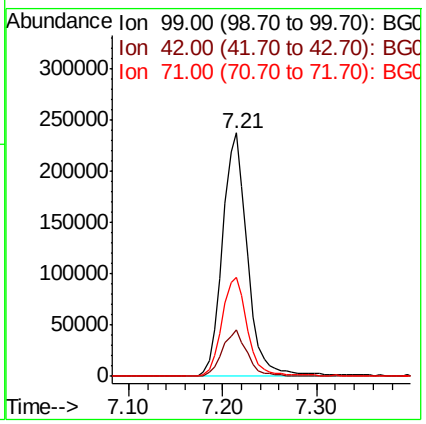


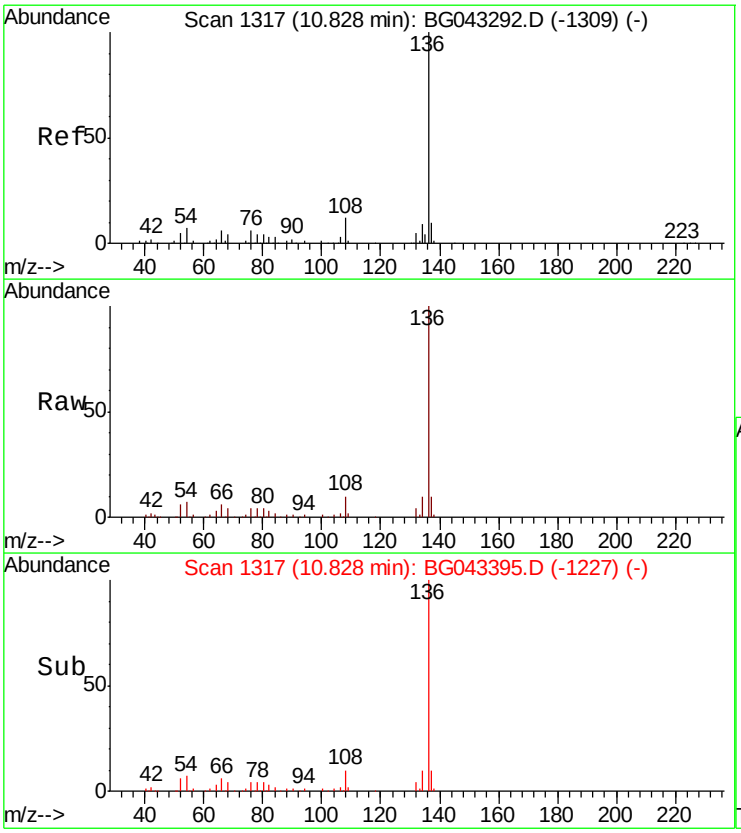
#7
Phenol-d6
Concen: 126.334 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-2

Tgt Ion: 99 Resp: 437657

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.9	22.3
71	40.5	32.2	48.2

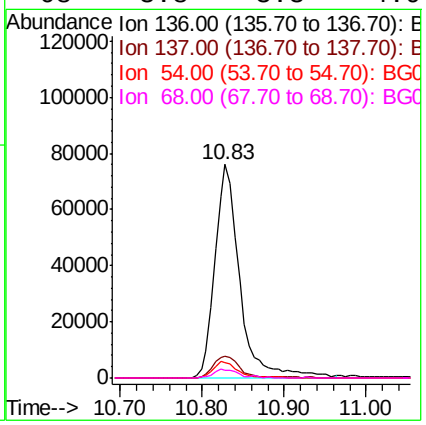


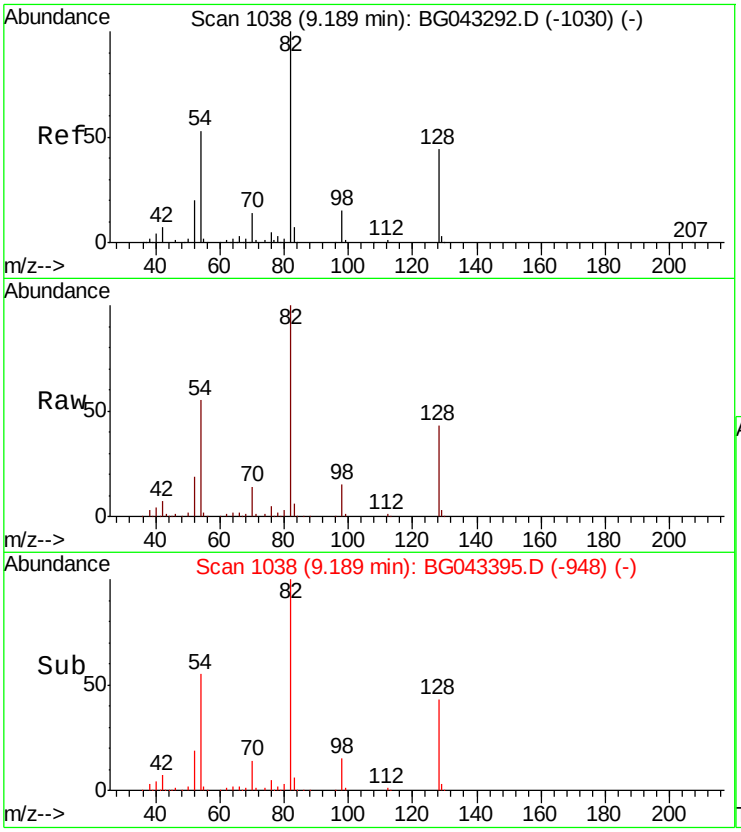


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

Tgt Ion:136 Resp: 162166

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.2	12.2
54	7.0	5.4	8.2
68	3.8	3.3	4.9



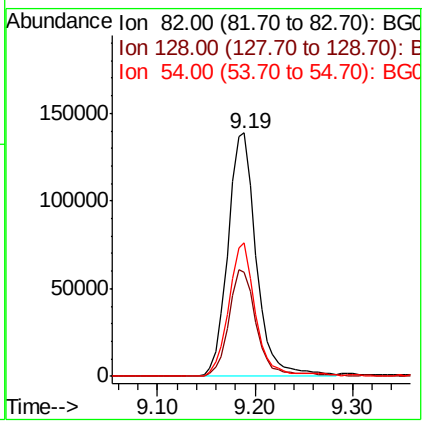


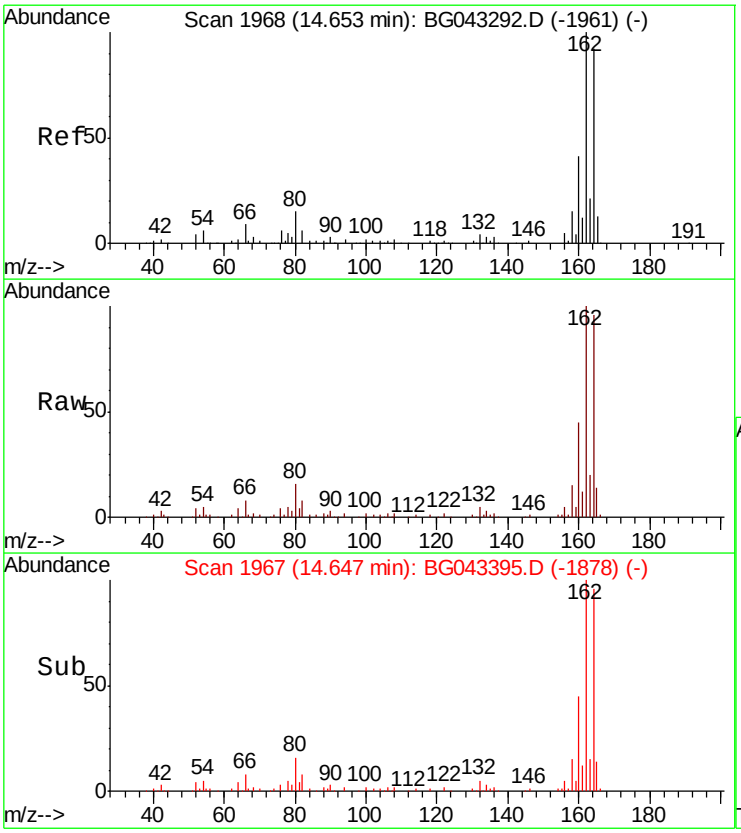
#23
Nitrobenzene-d5
Concen: 89.283 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-2

Tgt Ion: 82 Resp: 280841

Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.3	52.9
54	54.8	42.3	63.5

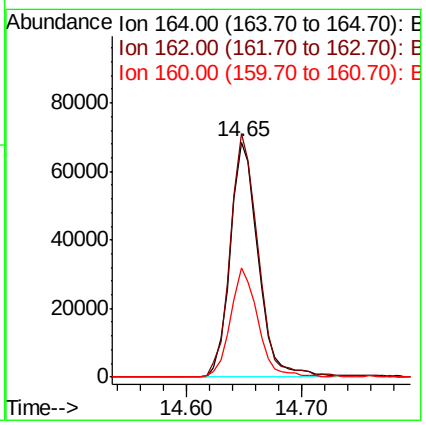


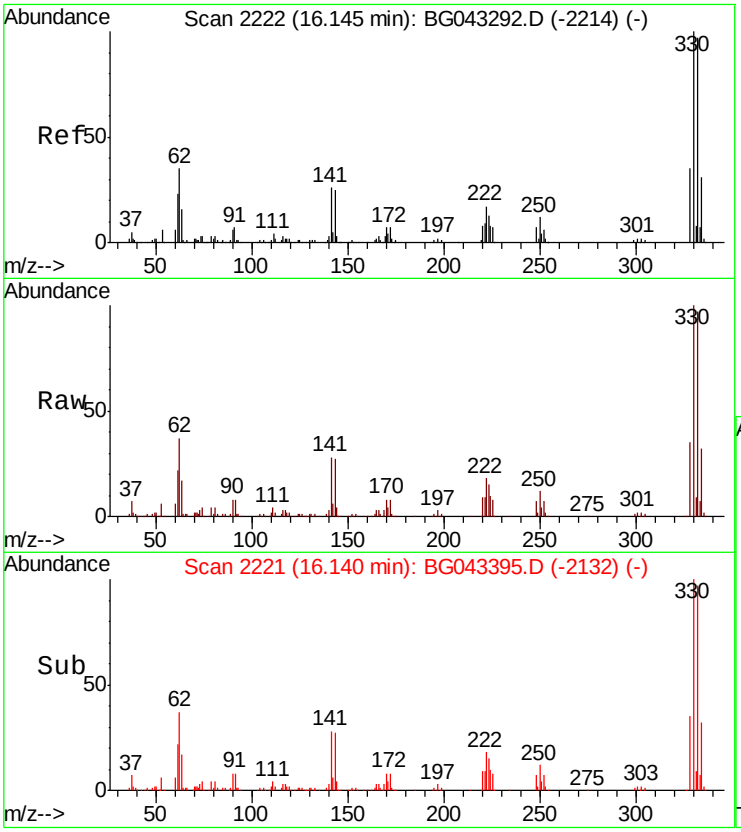


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

Tgt Ion:164 Resp: 115068

Ion	Ratio	Lower	Upper
164	100		
162	103.7	87.0	130.4
160	46.8	35.5	53.3



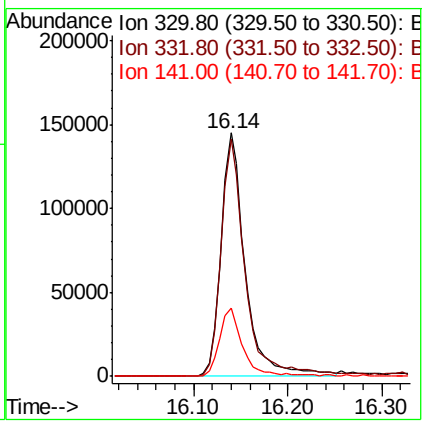


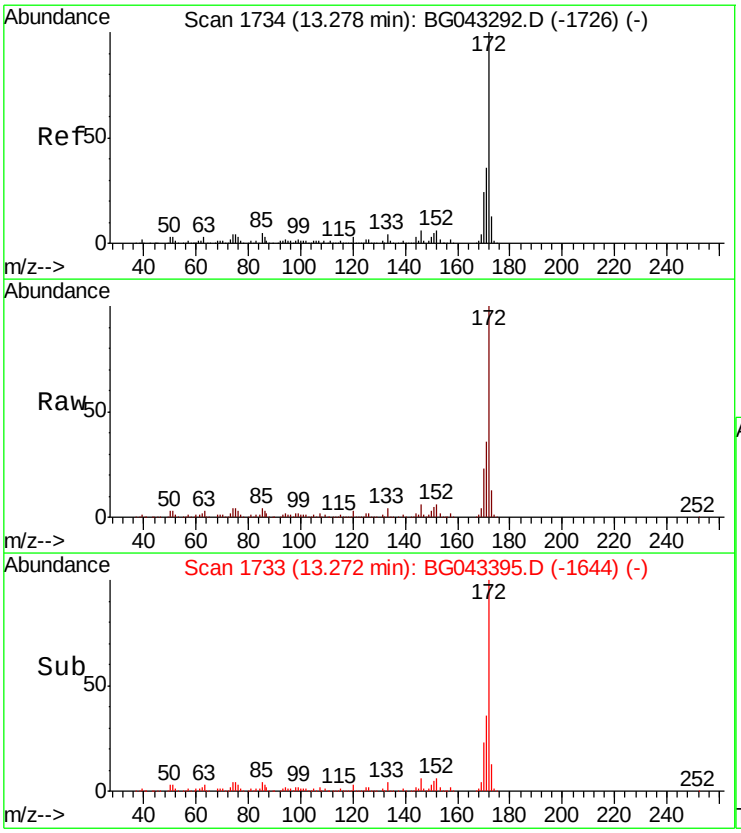
#42
2,4,6-Tribromophenol
Concen: 118.197 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-2

Tgt Ion:330 Resp: 258822

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.4	114.6
141	27.6	21.4	32.0

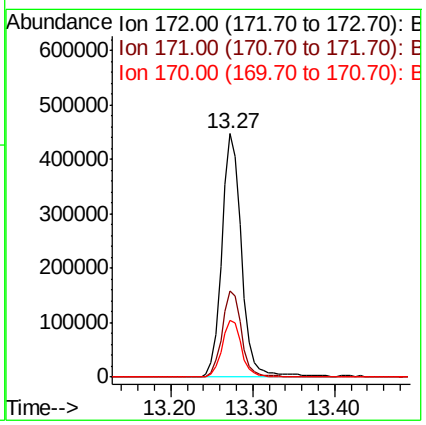


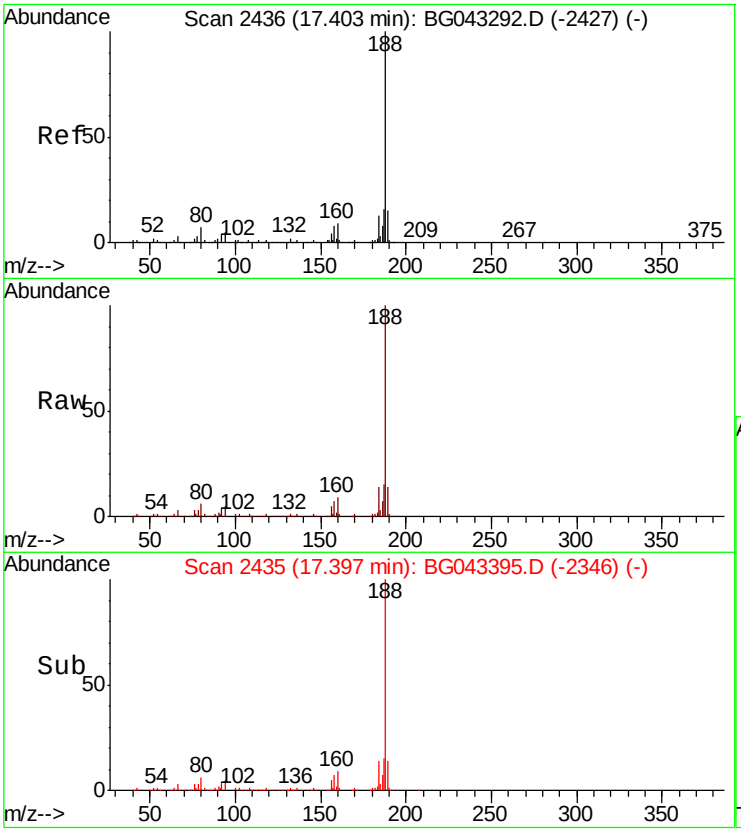


#45
2-Fluorobiphenyl
Concen: 90.168 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

Tgt Ion:172 Resp: 750859

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.5	18.8	28.2



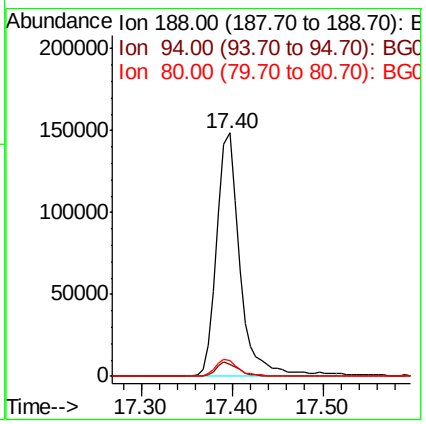


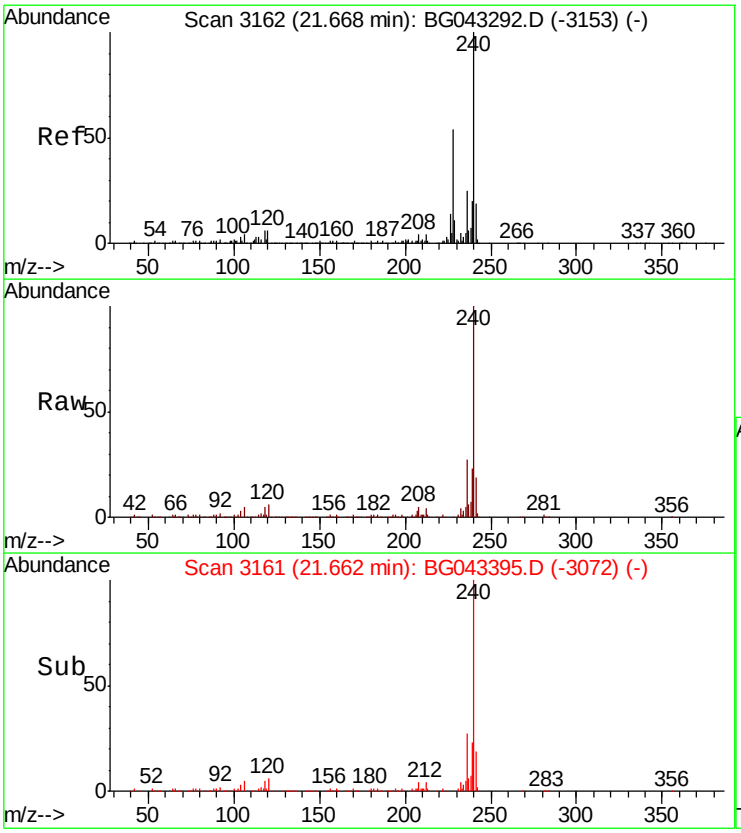
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-2

Tgt Ion:188 Resp: 265113

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.2	6.2
80	6.4	5.2	7.8

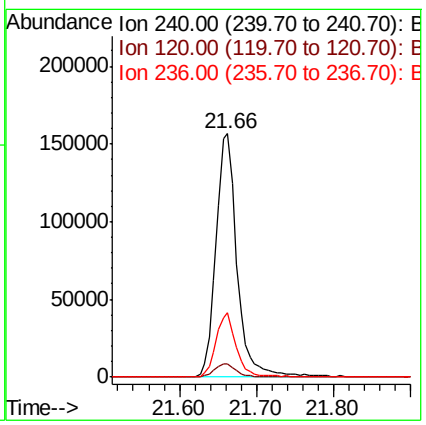


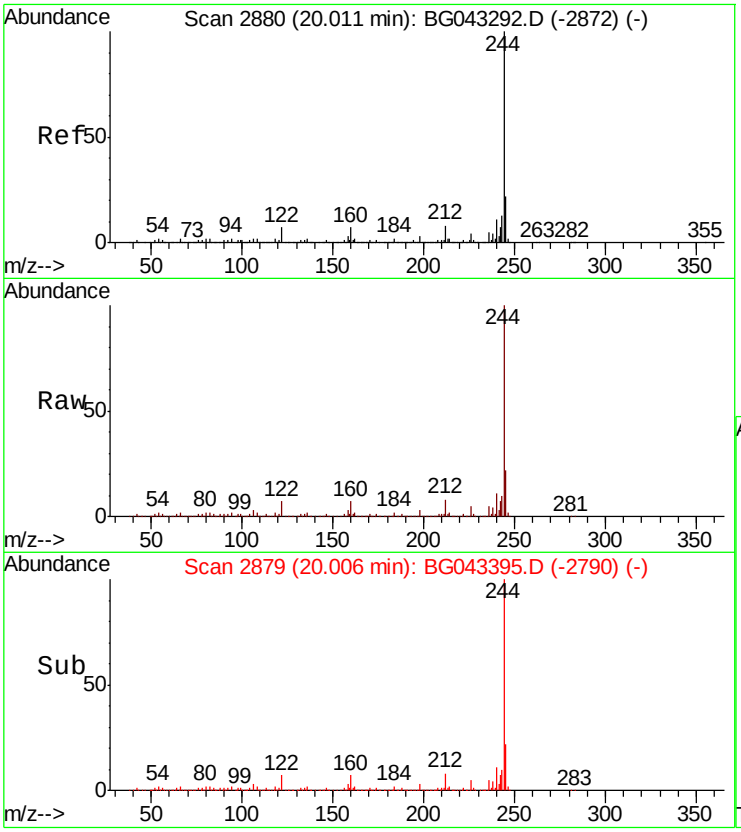


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

Tgt Ion:240 Resp: 296387

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.6	7.0
236	26.6	20.2	30.4



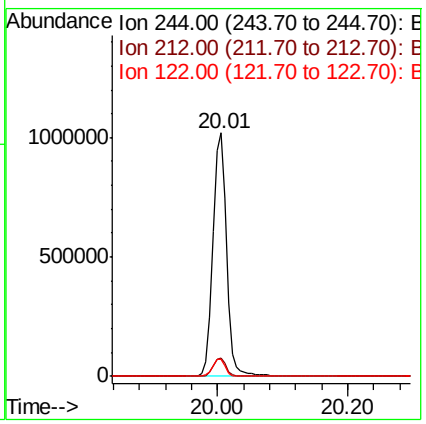


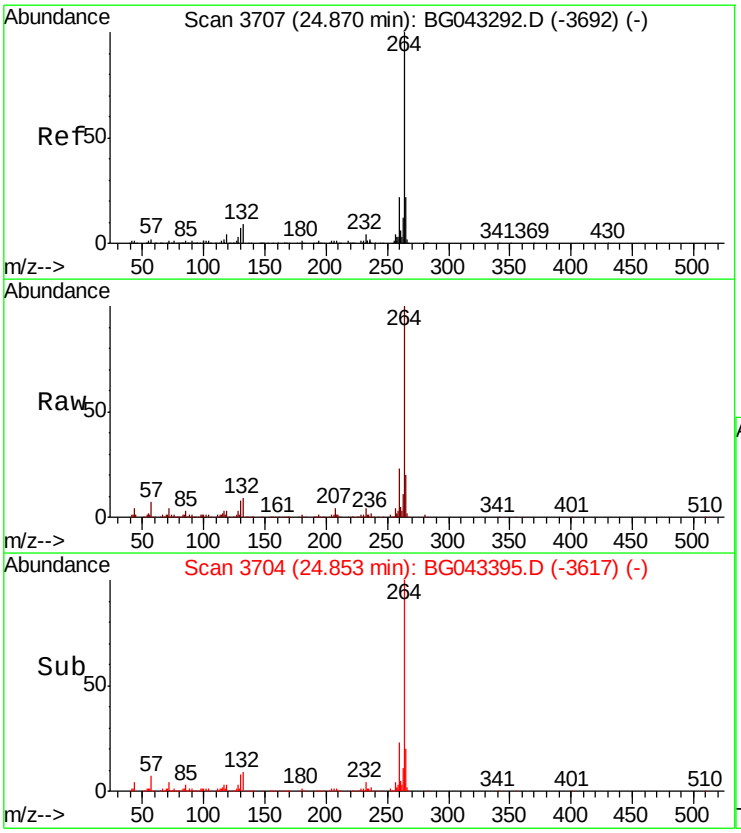
#79
Terphenyl-d14
Concen: 93.708 ng
RT: 20.01 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043395.D
Acq: 30 Oct 2019 5:53

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-2

Tgt Ion:244 Resp: 1480438

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	7.1	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: BG043395.D
Acq: 30 Oct 2019 5:53

Tgt Ion:264 Resp: 351160

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.9	26.9
265	20.2	17.4	26.2