Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052527.D
Acq On : 1 Mar 2022 20:14
Operator : CG/JU
Sample : N1688-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-18R

Quant Time: Mar 02 01:52:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	29116	20.000	ng	0.00
21) Naphthalene-d8	11.059	136	120384	20.000	ng	0.00
39) Acenaphthene-d10	14.866	164	78937	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	182417	20.000	ng	0.00
76) Chrysene-d12	21.933	240	195741	20.000	ng	0.00
86) Perylene-d12	25.399	264	207718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	104622	62.626	ng	0.00
7) Phenol-d6	7.370	99	85342	33.109	ng	0.00
23) Nitrobenzene-d5	9.391	82	252828	91.276	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	162530	143.317	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	563645	99.219	ng	0.00
79) Terphenyl-d14	20.212	244	913172	82.381	ng	0.00
Target Compounds						Qvalue

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

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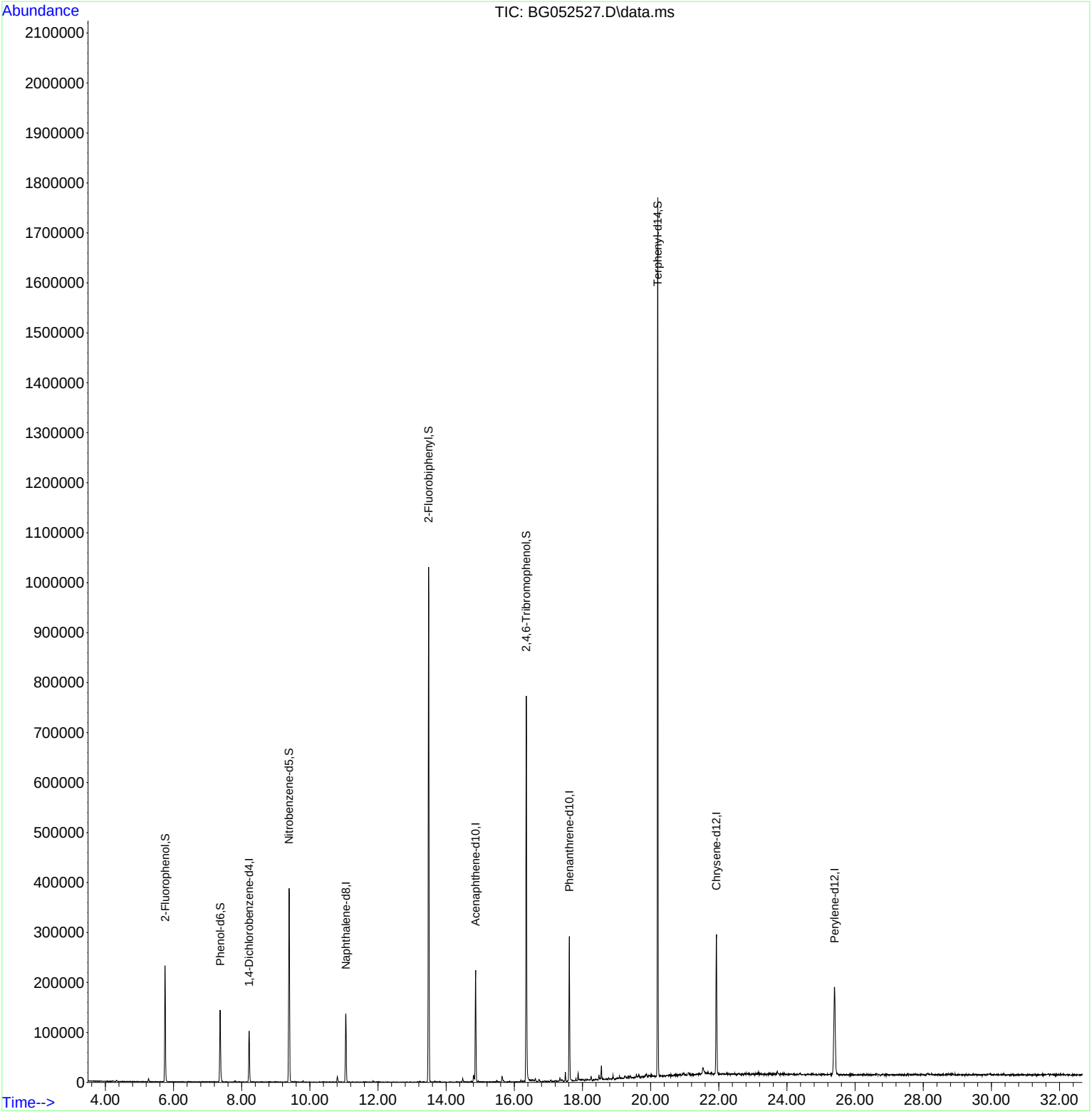
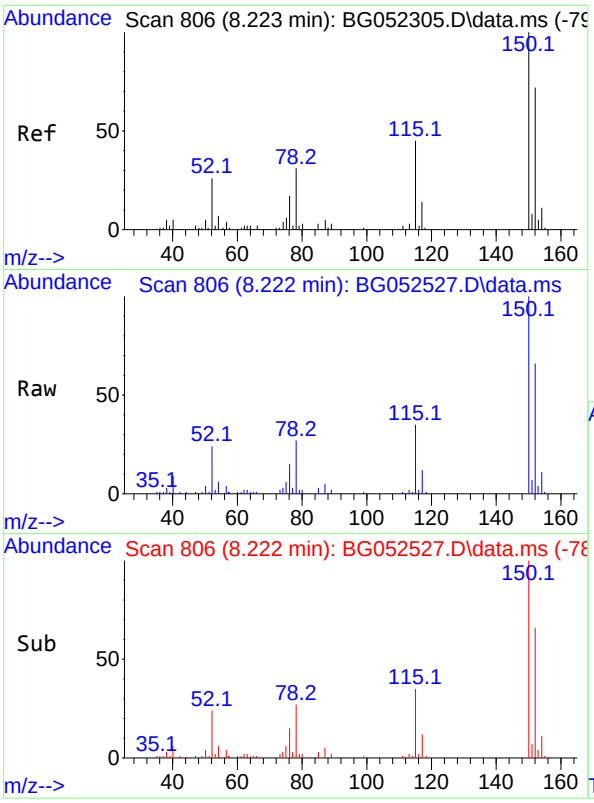


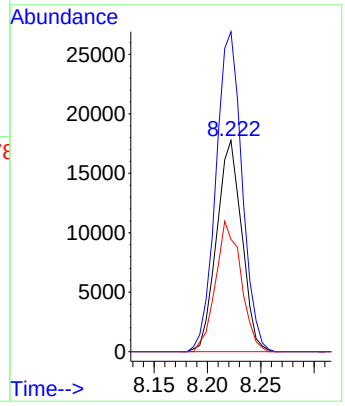


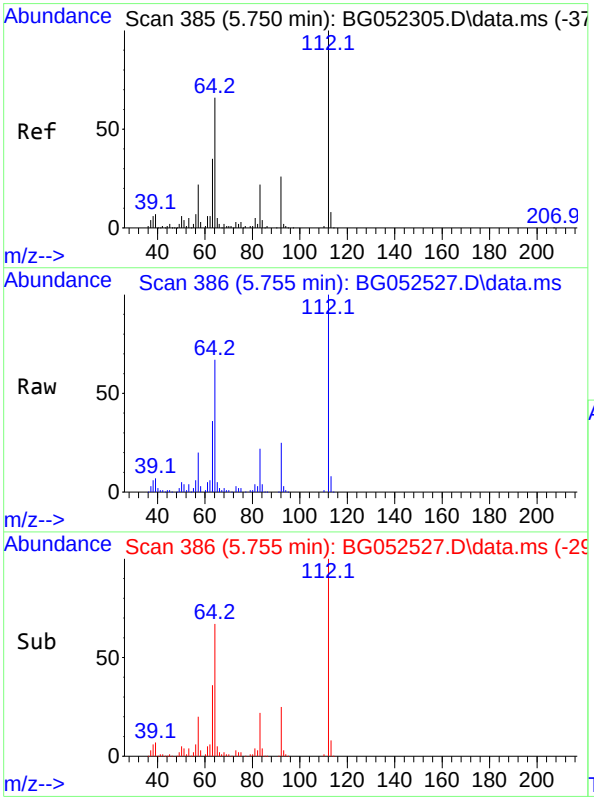
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Instrument :
BNA_G
ClientSampleId :
MW-18R

Tgt Ion:152 Resp: 29116

Ion	Ratio	Lower	Upper
152	100		
150	151.5	117.8	176.8
115	53.2	50.2	75.2

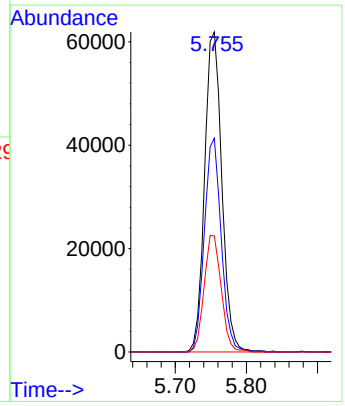


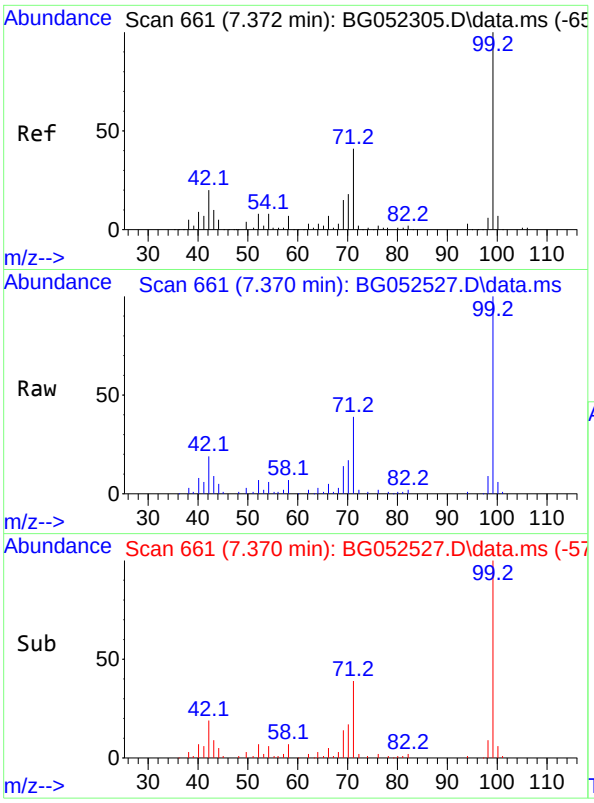


#5
2-Fluorophenol
Concen: 62.626 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Tgt Ion:112 Resp: 104622

Ion	Ratio	Lower	Upper
112	100		
64	66.8	60.4	90.6
63	36.3	33.3	49.9



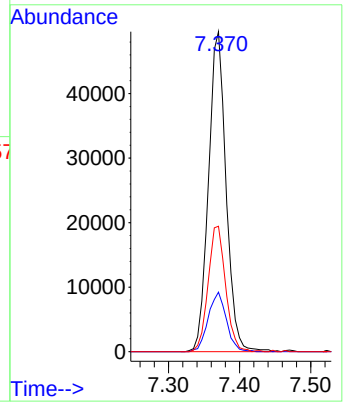


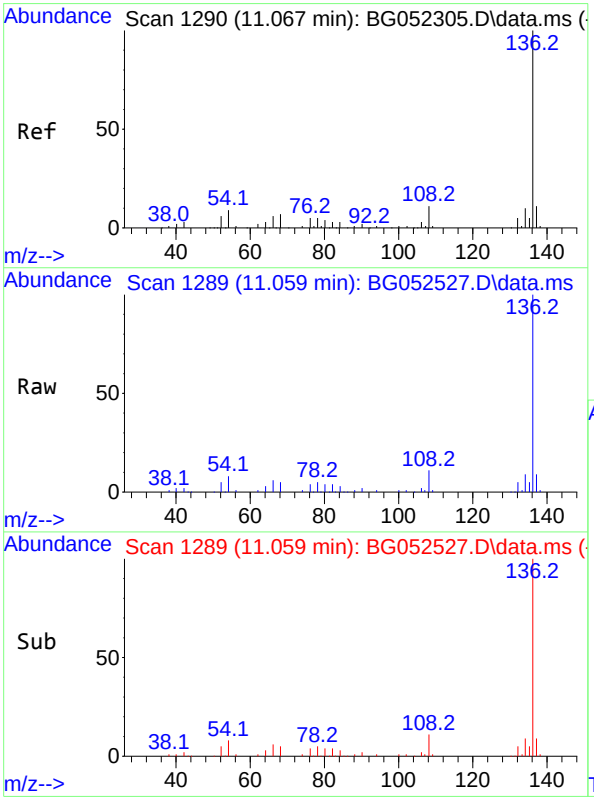
#7
Phenol-d6
Concen: 33.109 ng
RT: 7.370 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Instrument :
BNA_G
ClientSampleId :
MW-18R

Tgt Ion: 99 Resp: 85342

Ion	Ratio	Lower	Upper
99	100		
42	18.6	19.1	28.7#
71	39.2	33.4	50.2

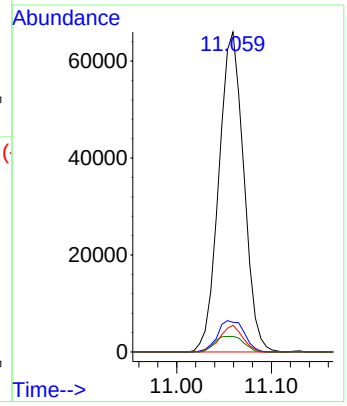


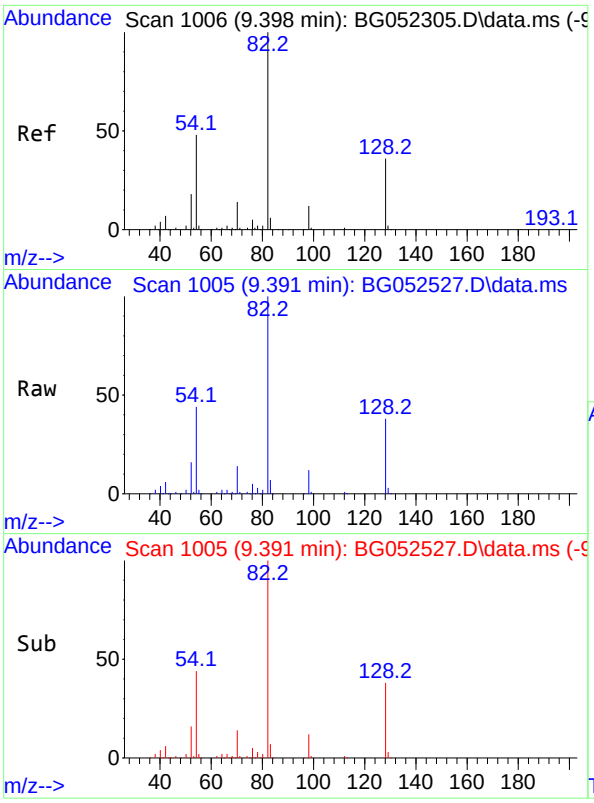


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.059 min Scan# 1289
Delta R.T. -0.008 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Tgt Ion:136 Resp: 120384

Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.1	13.7
54	8.4	8.3	12.5
68	4.8	4.5	6.7



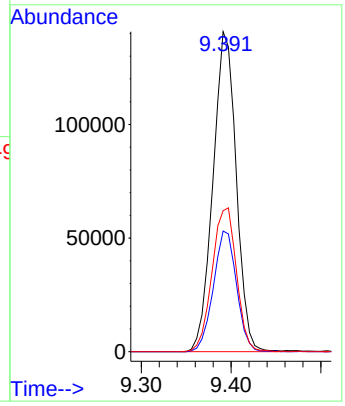


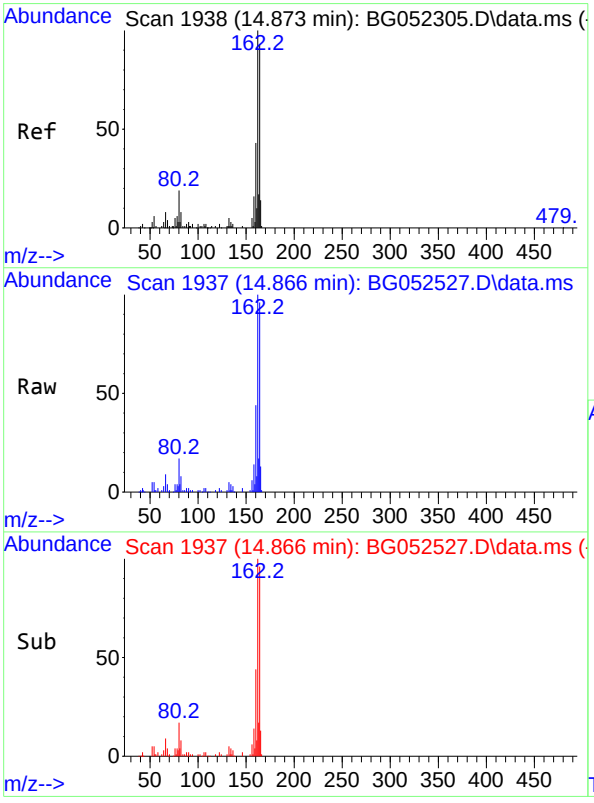
#23
Nitrobenzene-d5
Concen: 91.276 ng
RT: 9.391 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Instrument :
BNA_G
ClientSampleId :
MW-18R

Tgt Ion: 82 Resp: 252828

Ion	Ratio	Lower	Upper
82	100		
128	37.7	27.0	40.4
54	44.1	41.0	61.6

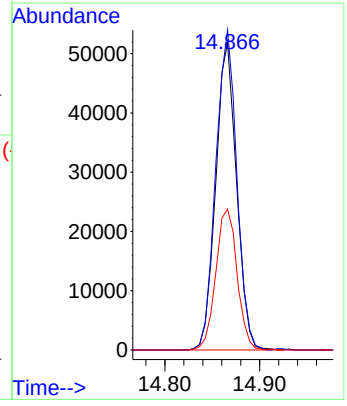


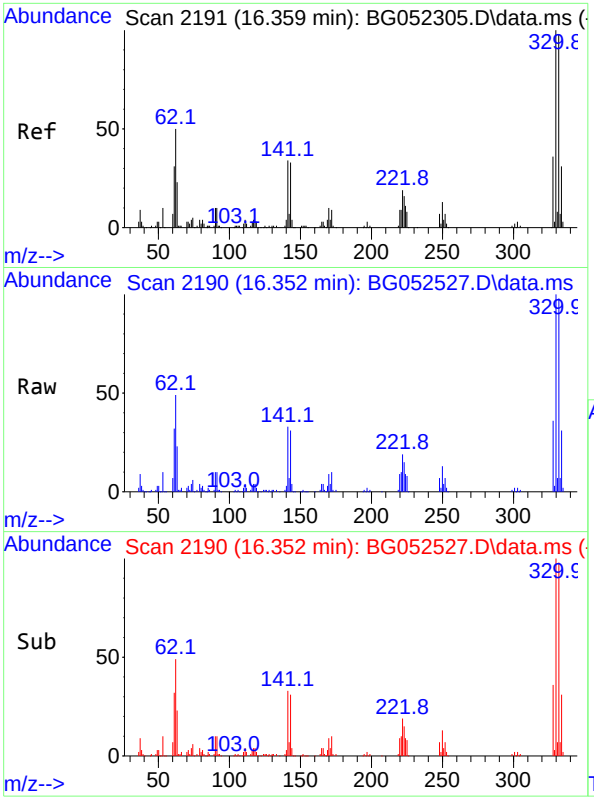


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1937
Delta R.T. -0.007 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Tgt Ion:164 Resp: 78937

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.2
160	45.9	36.2	54.2



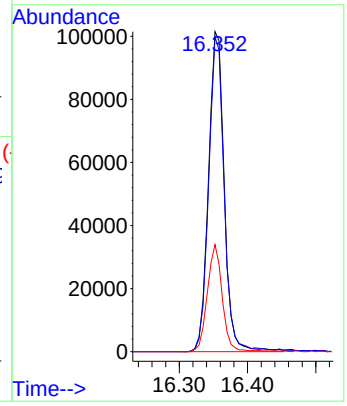


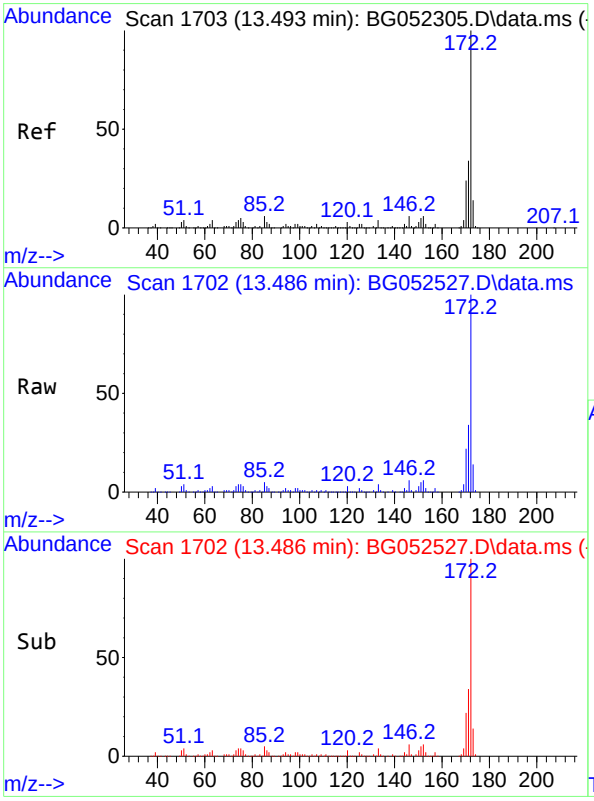
#42
2,4,6-Tribromophenol
Concen: 143.317 ng
RT: 16.352 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Instrument :
BNA_G
ClientSampleId :
MW-18R

Tgt Ion:330 Resp: 162530

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.6	117.8
141	31.5	28.8	43.2

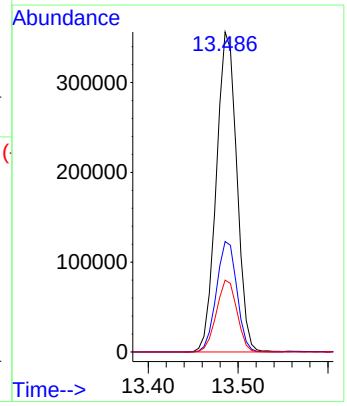


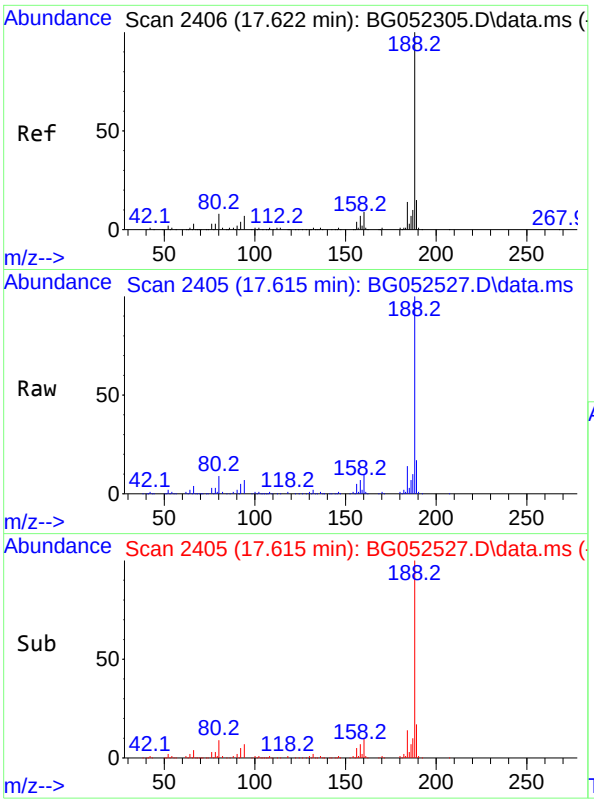


#45
2-Fluorobiphenyl
Concen: 99.219 ng
RT: 13.486 min Scan# 1702
Delta R.T. -0.007 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Tgt Ion:172 Resp: 563645

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.3	42.5
170	22.4	18.3	27.5



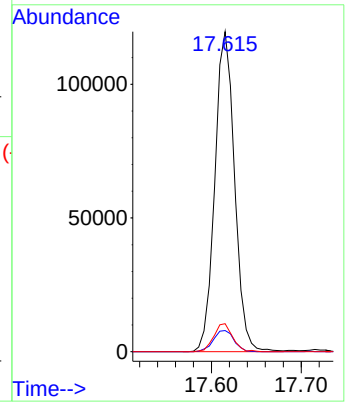


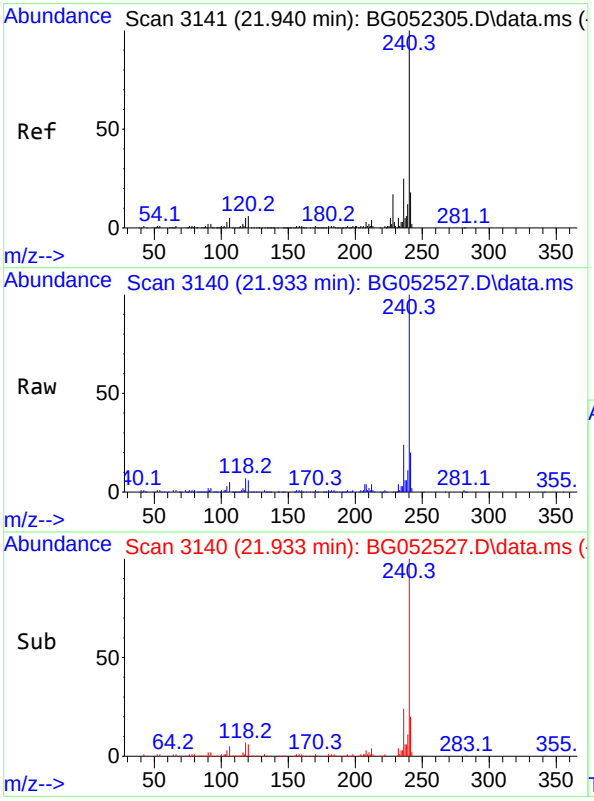
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Instrument :
BNA_G
ClientSampleId :
MW-18R

Tgt Ion:188 Resp: 182417

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.9	8.9
80	8.7	6.6	10.0

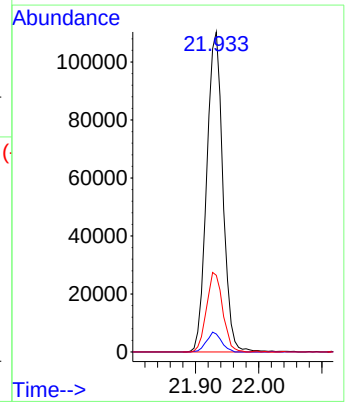


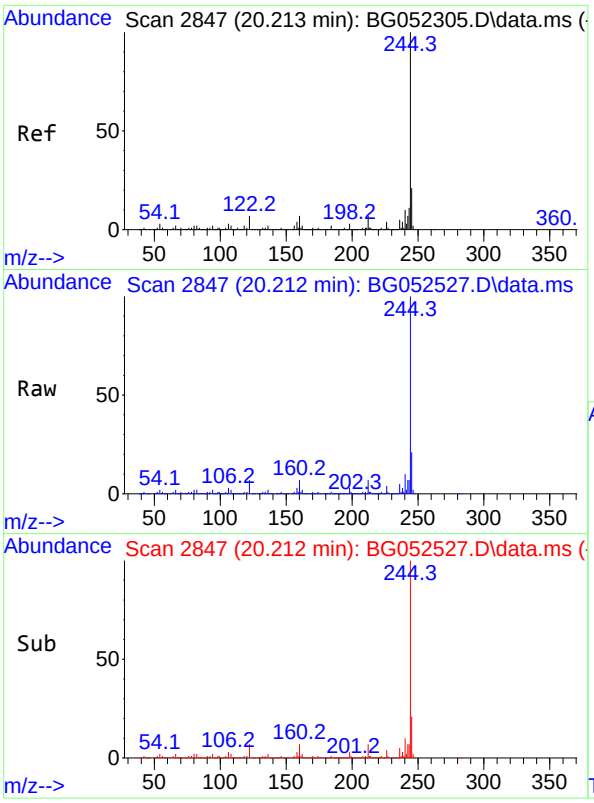


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3140
Delta R.T. -0.007 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Tgt Ion:240 Resp: 195741

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.4	6.6
236	23.9	20.8	31.2



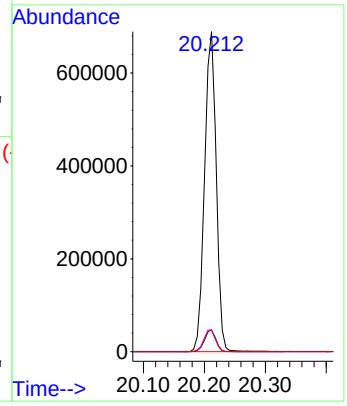


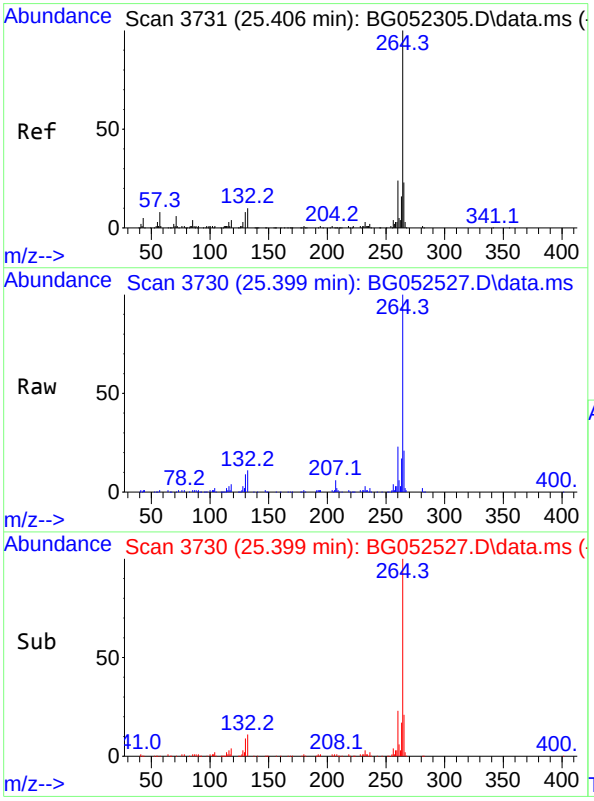
#79
Terphenyl-d14
Concen: 82.381 ng
RT: 20.212 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Instrument :
BNA_G
ClientSampleId :
MW-18R

Tgt Ion:244 Resp: 913172

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	6.7	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.399 min Scan# 3730
Delta R.T. -0.007 min
Lab File: BG052527.D
Acq: 1 Mar 2022 20:14

Tgt Ion:264 Resp: 207718

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	20.7	17.8	26.6