

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
 Data File : BG049842.D
 Acq On : 13 Aug 2021 20:05
 Operator : CG/JU
 Sample : M3343-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20210544-COM-17

Quant Time: Aug 14 02:31:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	27376	20.000	ng	# 0.00
21) Naphthalene-d8	10.852	136	101540	20.000	ng	#-0.01
39) Acenaphthene-d10	14.682	164	71749	20.000	ng	-0.01
64) Phenanthrene-d10	17.437	188	164176	20.000	ng	# 0.00
76) Chrysene-d12	21.720	240	152274	20.000	ng	0.00
86) Perylene-d12	24.998	264	157241	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.589	112	145070	94.993	ng	0.00
7) Phenol-d6	7.198	99	195064	84.380	ng	0.00
23) Nitrobenzene-d5	9.201	82	140710	61.321	ng	-0.01
42) 2,4,6-Tribromophenol	16.180	330	109976	104.281	ng	0.00
45) 2-Fluorobiphenyl	13.302	172	263186	53.374	ng	-0.01
79) Terphenyl-d14	20.046	244	457928	54.618	ng	0.00

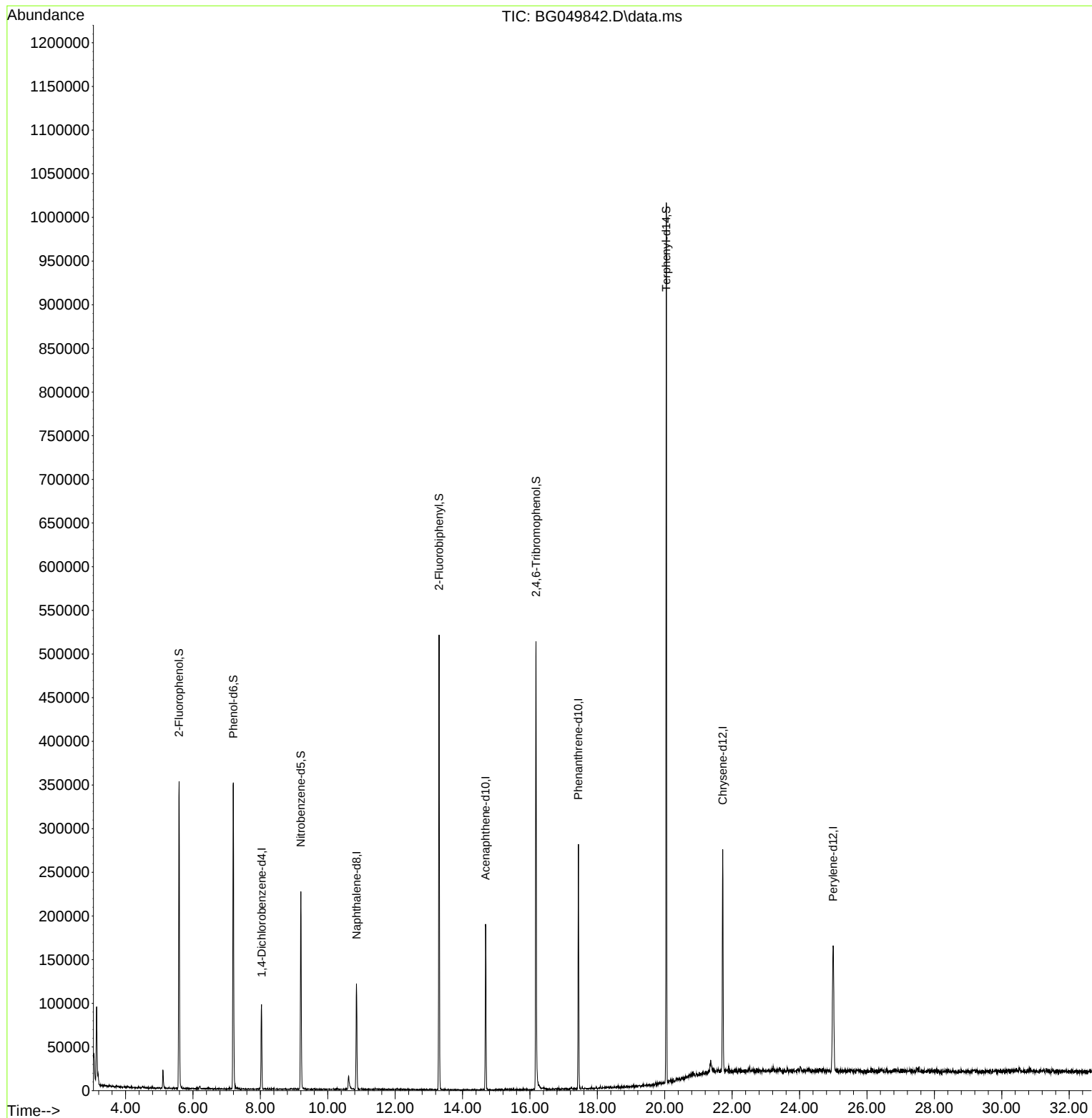
Target Compounds	Qvalue

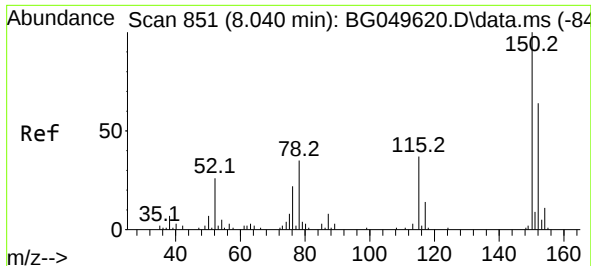
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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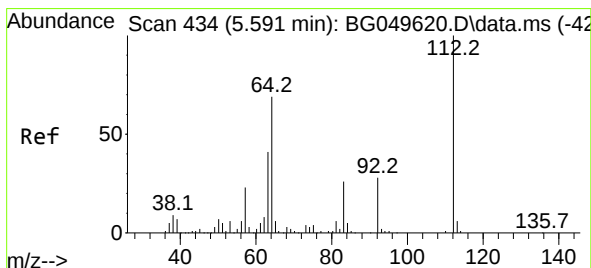
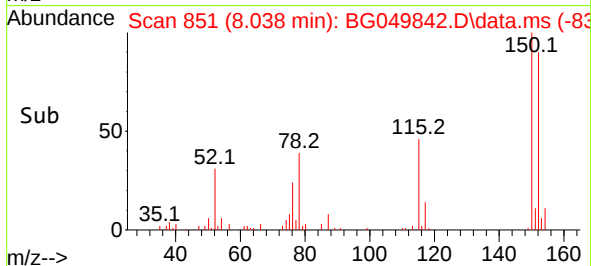
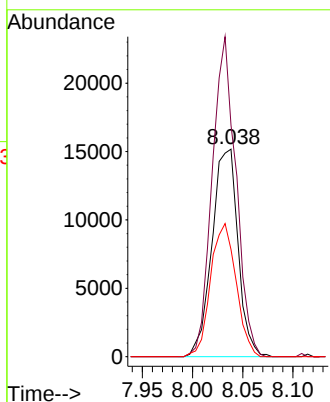
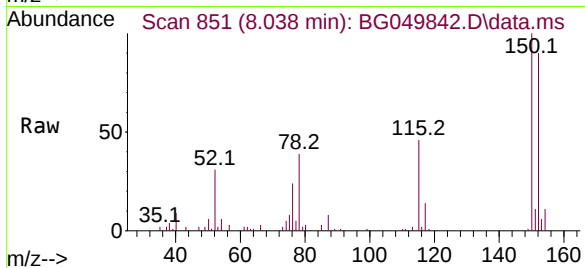




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.038 min Scan# 851
Delta R.T. -0.002 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

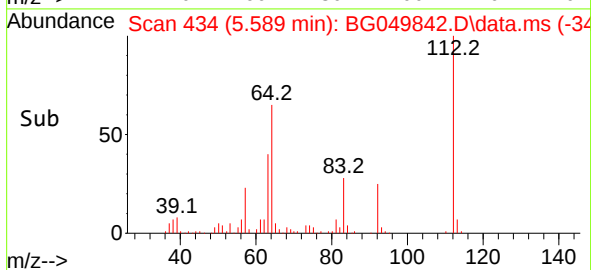
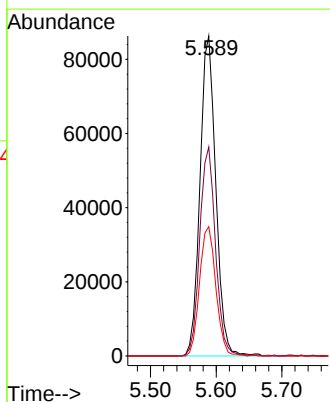
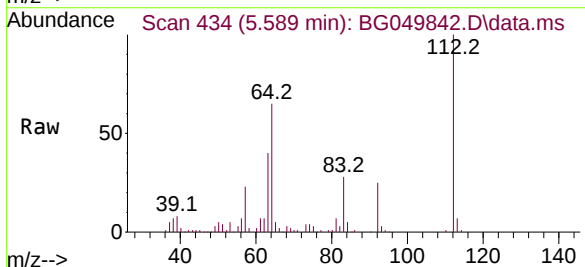
Instrument :
BNA_G
ClientSampleId :
20210544-COM-17

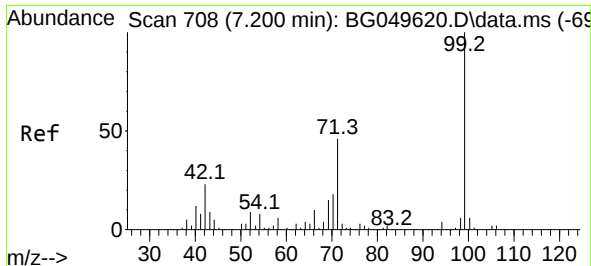
Tgt Ion:152 Resp: 27376
Ion Ratio Lower Upper
152 100
150 111.6 119.4 179.0#
115 51.7 60.2 90.4#



#5
2-Fluorophenol
Concen: 94.993 ng
RT: 5.589 min Scan# 434
Delta R.T. -0.002 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

Tgt Ion:112 Resp: 145070
Ion Ratio Lower Upper
112 100
64 65.3 46.7 70.1
63 40.4 35.3 52.9

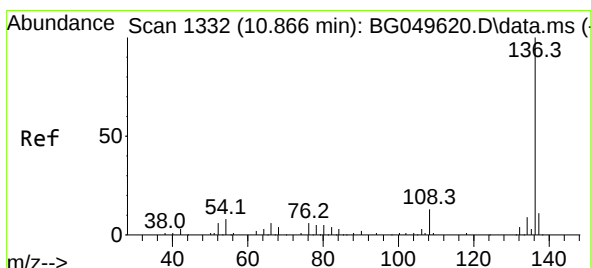
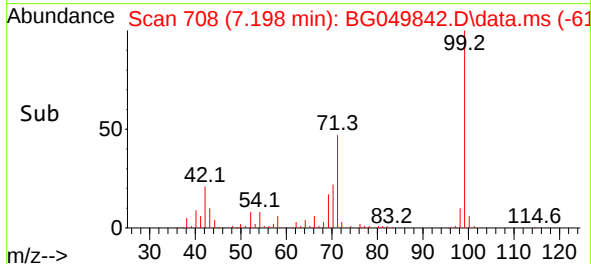
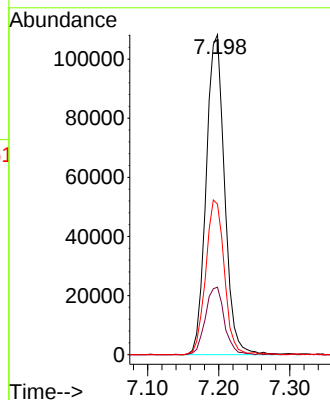
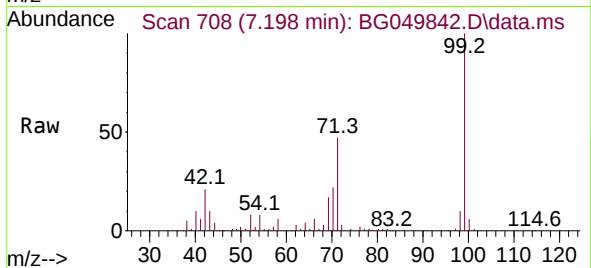




#7
Phenol-d6
Concen: 84.380 ng
RT: 7.198 min Scan# 708
Delta R.T. -0.002 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

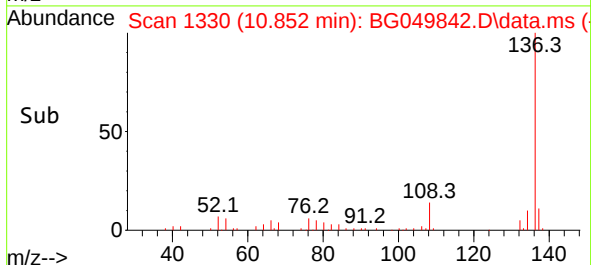
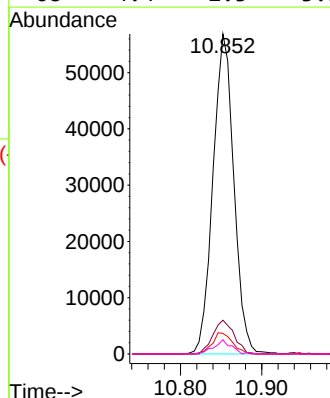
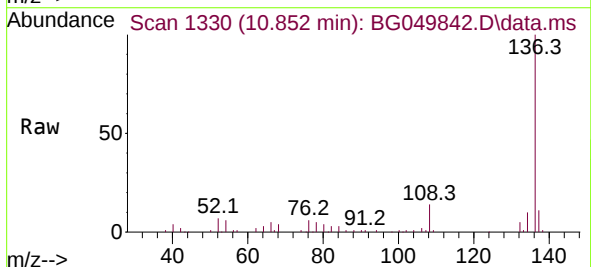
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BNA_G
ClientSampleId :
20210544-COM-17

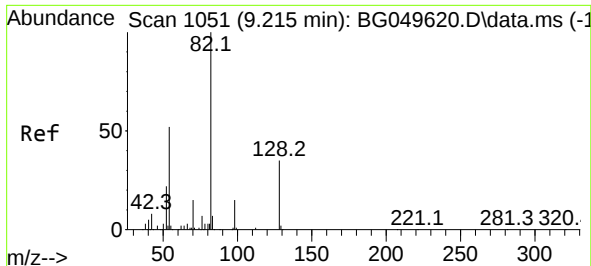
Tgt Ion: 99 Resp: 195064
Ion Ratio Lower Upper
99 100
42 21.1 20.5 30.7
71 47.1 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1330
Delta R.T. -0.014 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

Tgt Ion: 136 Resp: 101540
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 6.4 5.5 8.3
68 4.4 2.3 3.5#

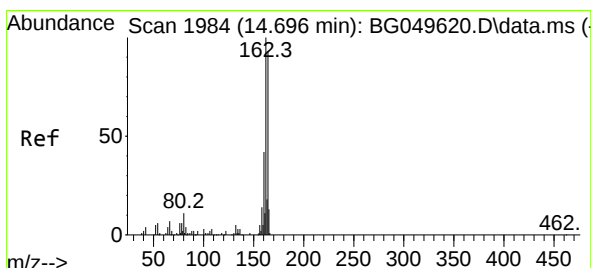
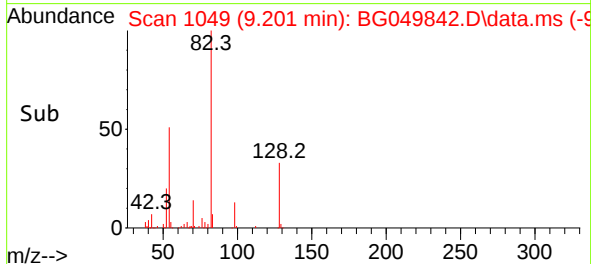
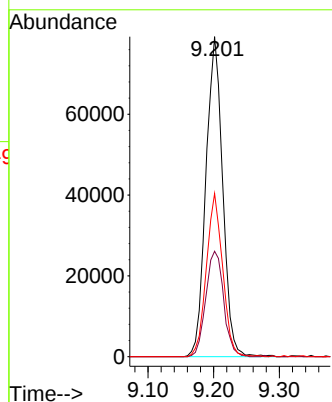
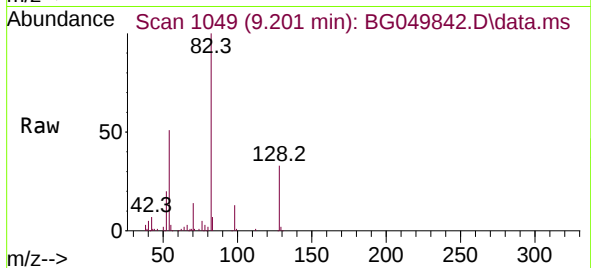




#23
Nitrobenzene-d5
Concen: 61.321 ng
RT: 9.201 min Scan# 1049
Delta R.T. -0.014 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

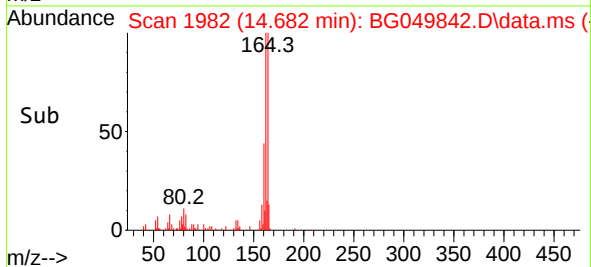
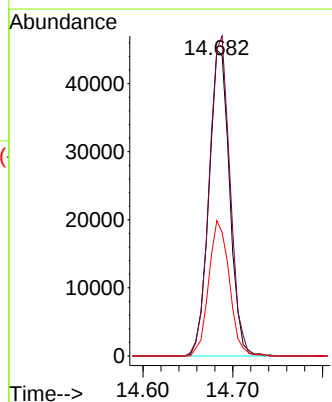
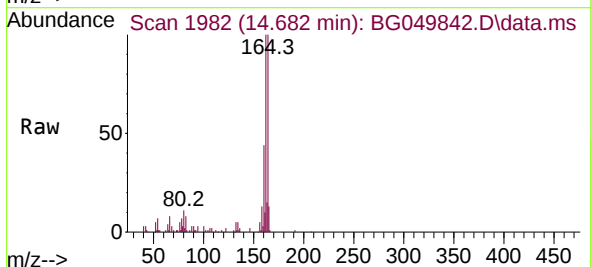
Instrument :
BNA_G
ClientSampleId :
20210544-COM-17

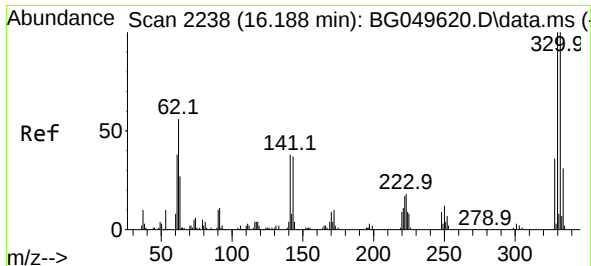
Tgt Ion: 82 Resp: 140710
Ion Ratio Lower Upper
82 100
128 32.9 29.8 44.6
54 51.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.682 min Scan# 1982
Delta R.T. -0.014 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

Tgt Ion: 164 Resp: 71749
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 44.2 34.9 52.3

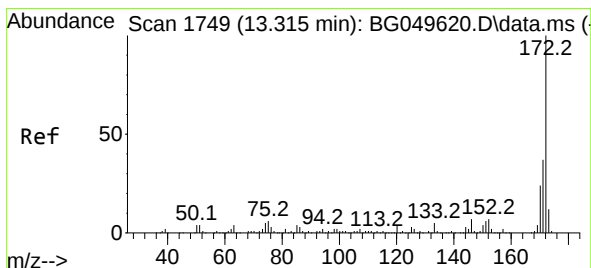
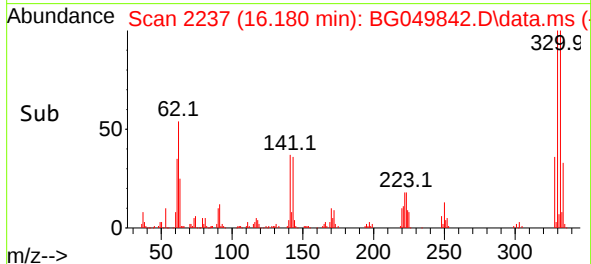
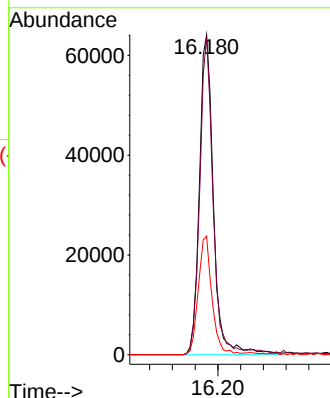
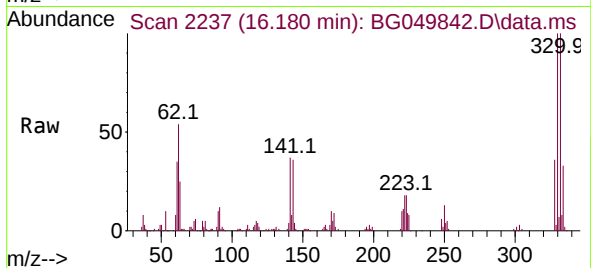




#42
2,4,6-Tribromophenol
Concen: 104.281 ng
RT: 16.180 min Scan# 2237
Delta R.T. -0.008 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

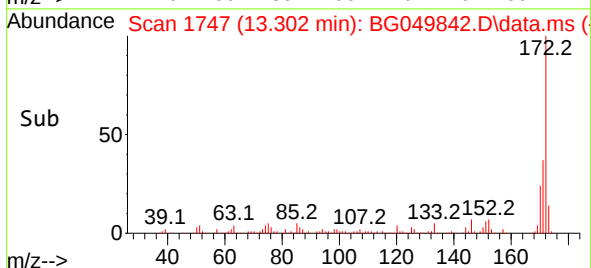
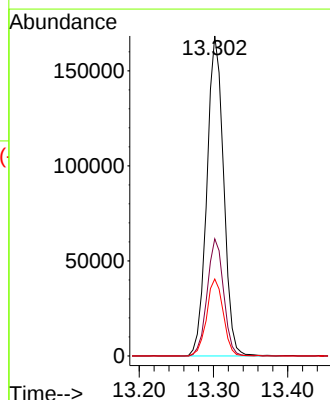
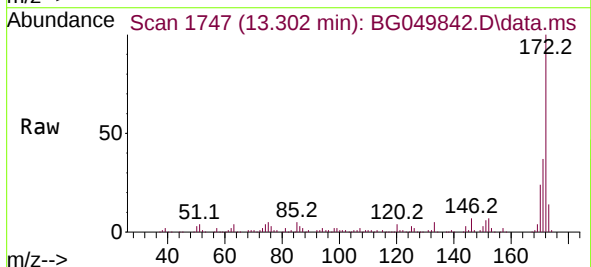
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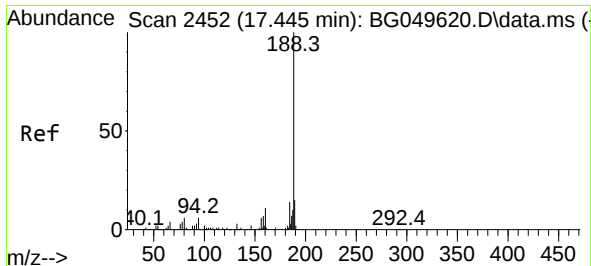
Tgt Ion:330 Resp: 109976
Ion Ratio Lower Upper
330 100
332 93.1 77.3 115.9
141 36.3 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 53.374 ng
RT: 13.302 min Scan# 1747
Delta R.T. -0.014 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

Tgt Ion:172 Resp: 263186
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.1 18.6 27.8

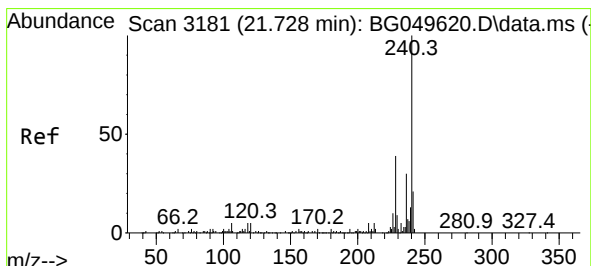
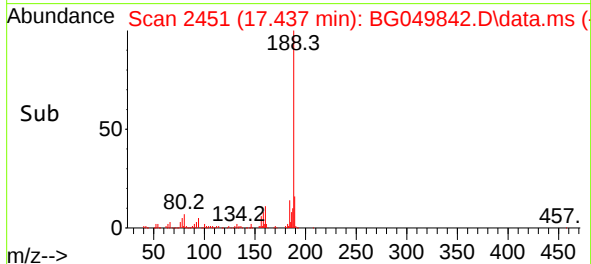
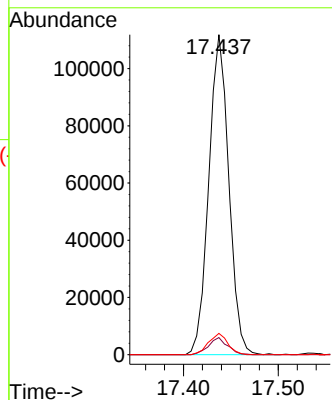
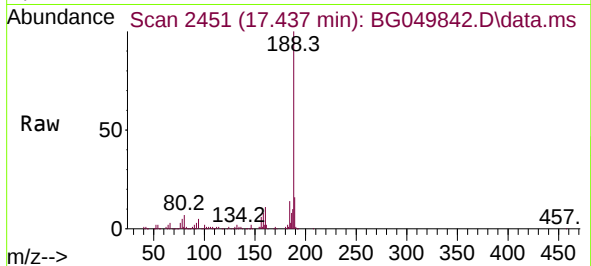




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.437 min Scan# 2451
Delta R.T. -0.008 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

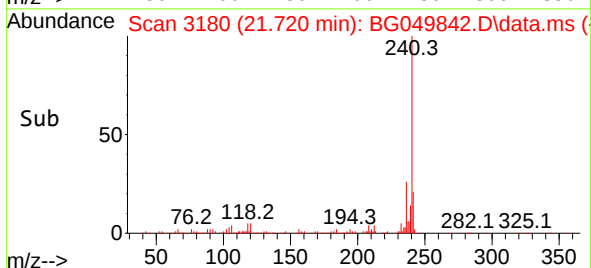
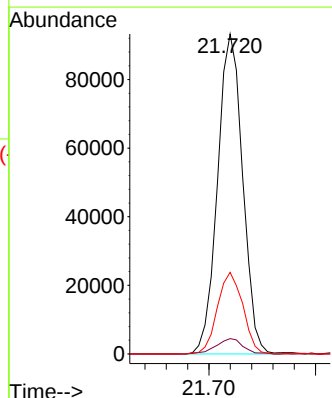
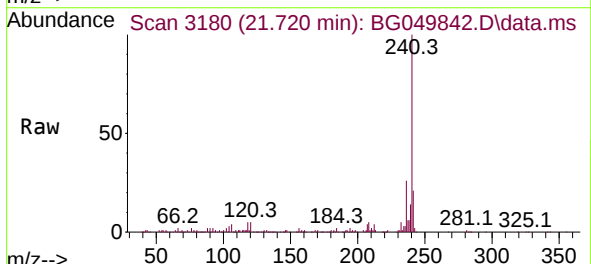
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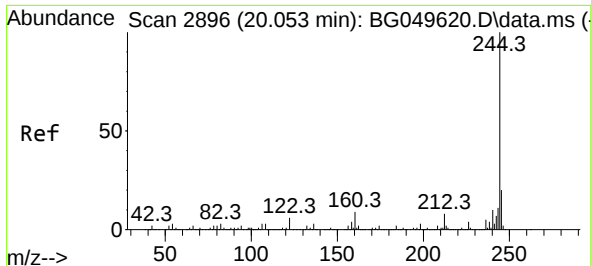
Tgt Ion:188 Resp: 164176
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0#
80 6.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.720 min Scan# 3180
Delta R.T. -0.008 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

Tgt Ion:240 Resp: 152274
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 25.5 21.8 32.6

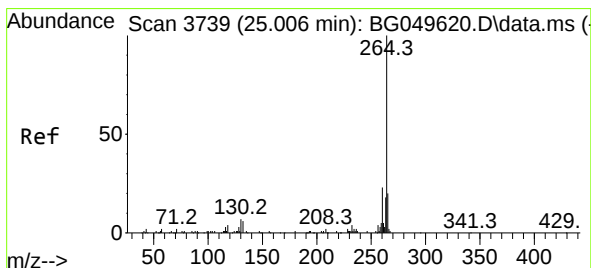
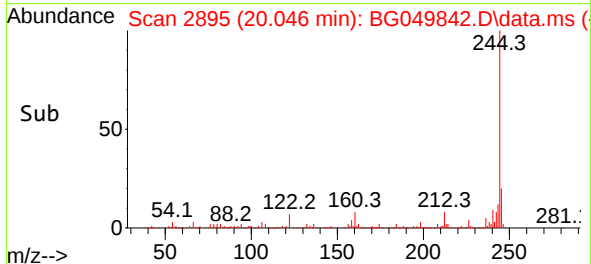
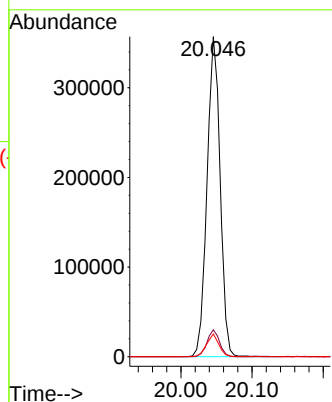
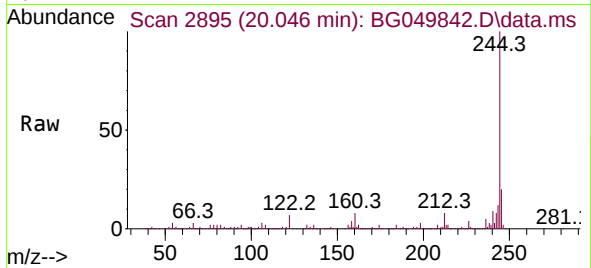




#79
Terphenyl-d14
Concen: 54.618 ng
RT: 20.046 min Scan# 2895
Delta R.T. -0.008 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:244 Resp: 457928
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 7.1 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.998 min Scan# 3738
Delta R.T. -0.008 min
Lab File: BG049842.D
Acq: 13 Aug 2021 20:05

Tgt Ion:264 Resp: 157241
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.2
265 20.0 16.9 25.3

