

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055578.D
 Acq On : 11 Nov 2022 23:01
 Operator : CG/JU
 Sample : N5415-08RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-21RE

Quant Time: Nov 12 00:55:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

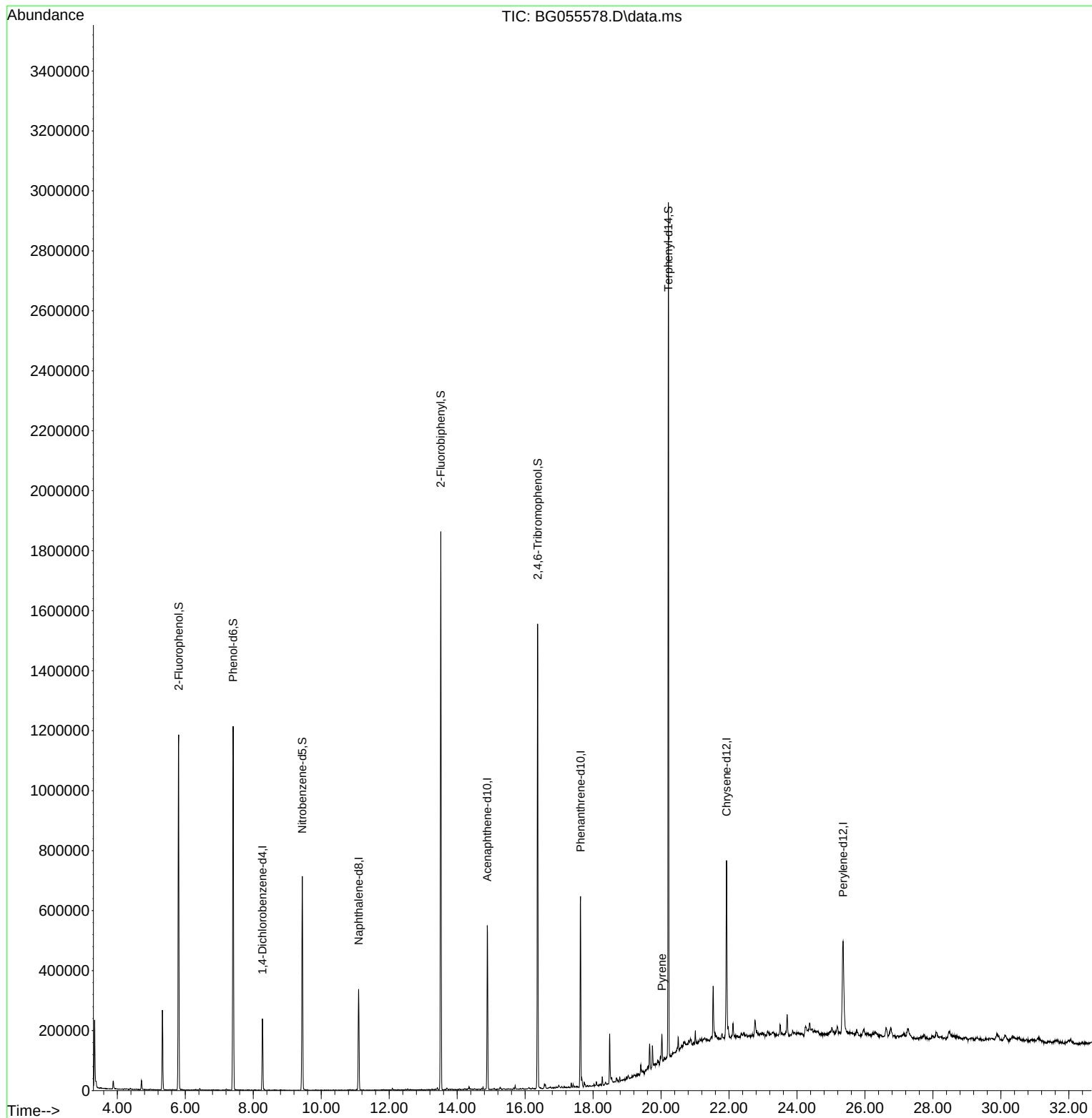
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	69368	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	290437	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	198129	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	413560	20.000	ng	0.00
76) Chrysene-d12	21.926	240	375353	20.000	ng	0.00
86) Perylene-d12	25.357	264	401379	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	495217	135.978	ng	0.01
7) Phenol-d6	7.407	99	658430	130.884	ng	0.00
23) Nitrobenzene-d5	9.440	82	424034	98.975	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	302969	156.723	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	967889	73.687	ng	0.00
79) Terphenyl-d14	20.216	244	1395963	74.700	ng	0.00
Target Compounds						
78) Pyrene	20.028	202	51605	2.031	ng	Qvalue 97

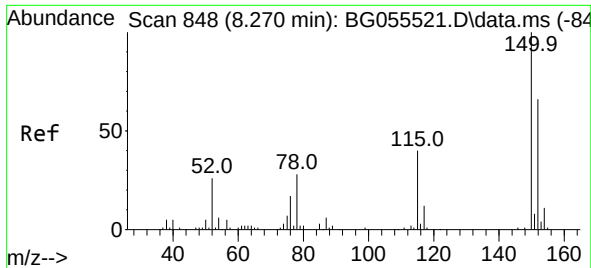
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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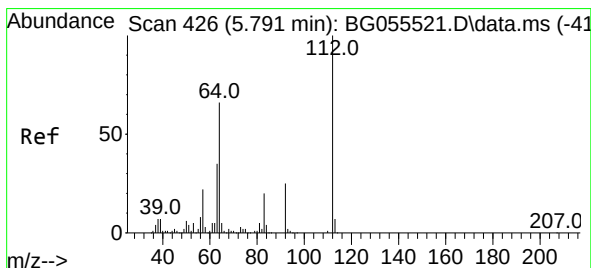
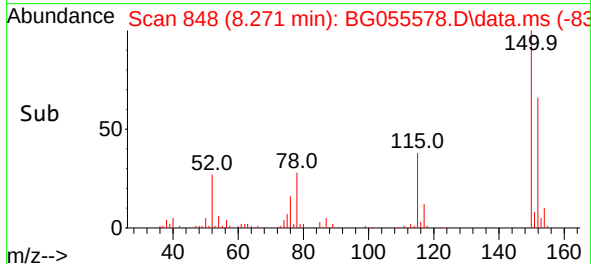
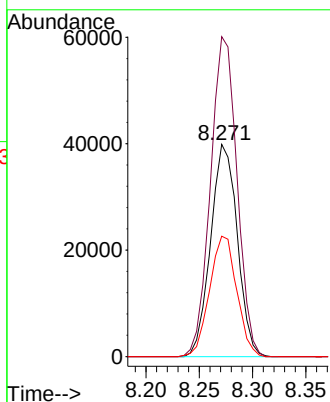
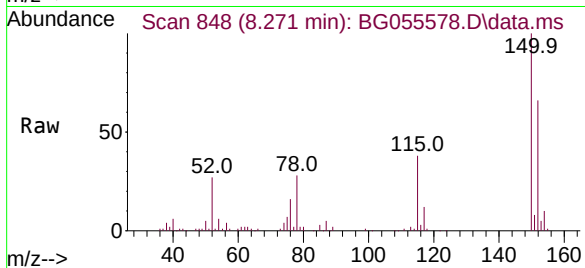




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

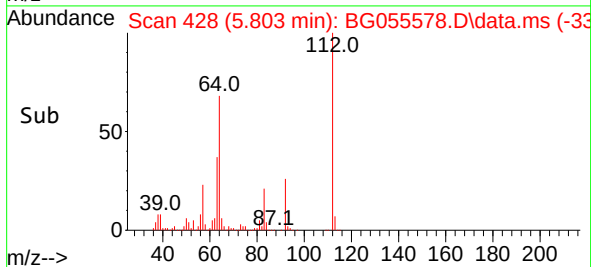
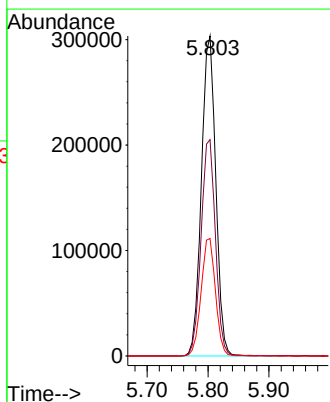
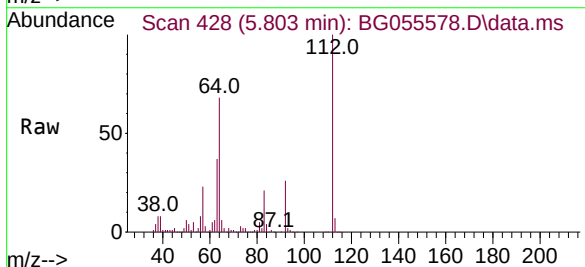
Instrument :
BNA_G
ClientSampleId :
R-21RE

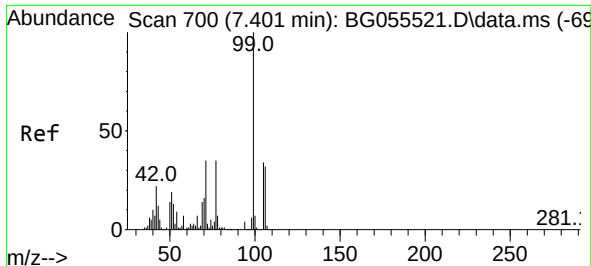
Tgt Ion:152 Resp: 69368
Ion Ratio Lower Upper
152 100
150 150.8 121.0 181.4
115 56.7 47.8 71.8



#5
2-Fluorophenol
Concen: 135.978 ng
RT: 5.803 min Scan# 428
Delta R.T. 0.012 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Tgt Ion:112 Resp: 495217
Ion Ratio Lower Upper
112 100
64 67.6 52.6 78.8
63 36.7 28.3 42.5

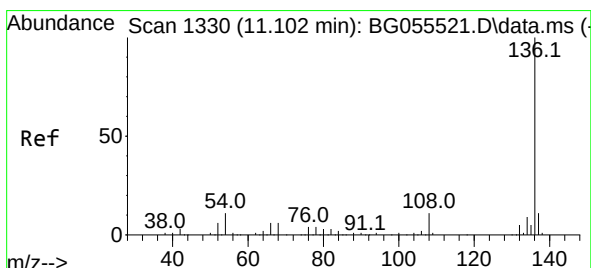
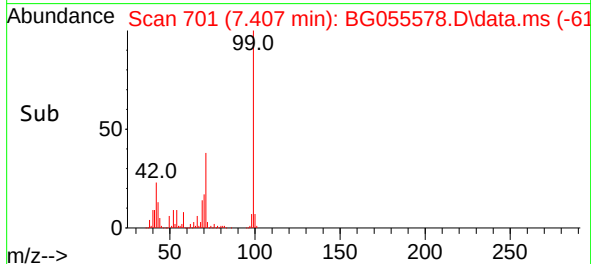
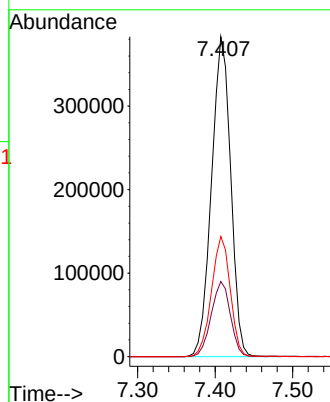
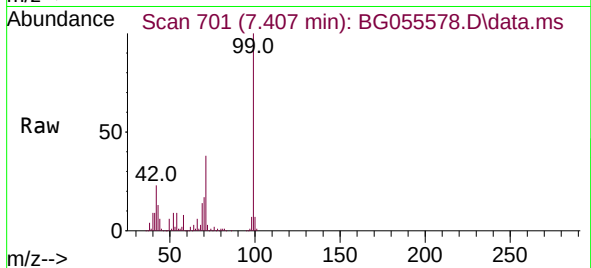




#7
Phenol-d6
Concen: 130.884 ng
RT: 7.407 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

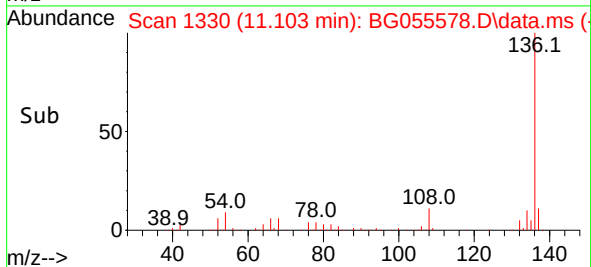
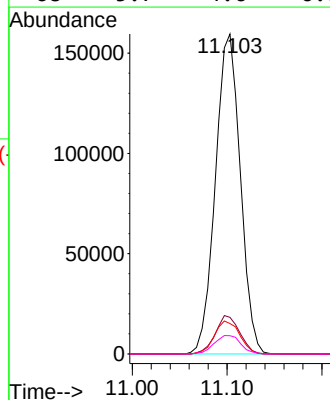
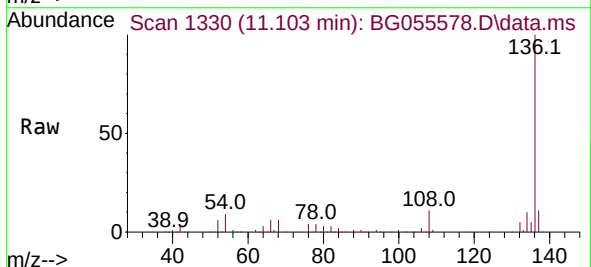
Instrument :
BNA_G
ClientSampleId :
R-21RE

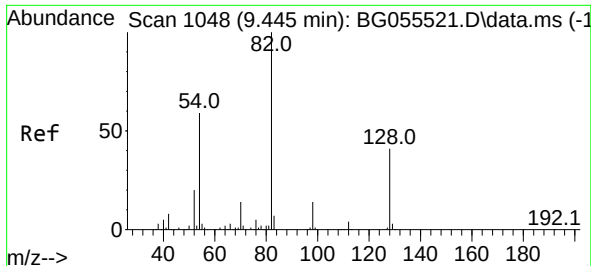
Tgt Ion: 99 Resp: 658430
Ion Ratio Lower Upper
99 100
42 23.5 17.5 26.3
71 37.5 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 1330
Delta R.T. 0.001 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Tgt Ion: 136 Resp: 290437
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 9.5 8.6 12.8
68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 98.975 ng

RT: 9.440 min Scan# 1048

Delta R.T. -0.005 min

Lab File: BG055578.D

Acq: 11 Nov 2022 23:01

Instrument :

BNA_G

ClientSampleId :

R-21RE

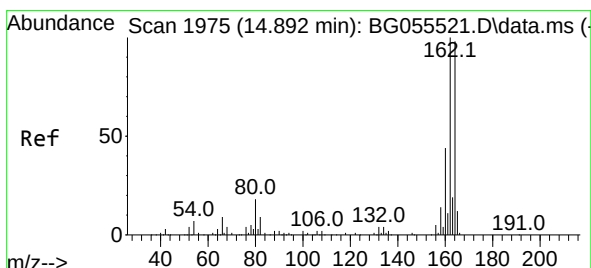
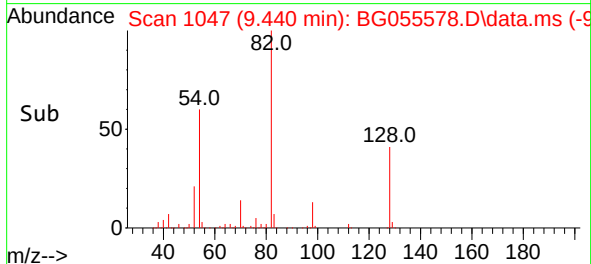
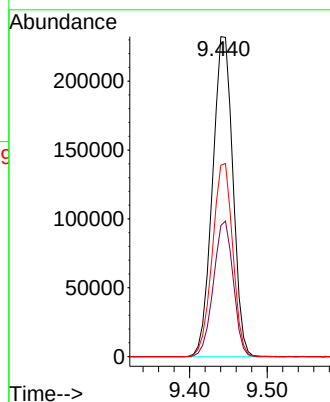
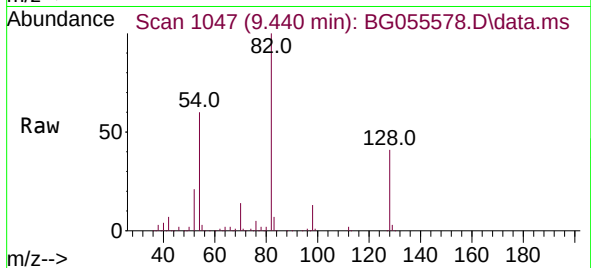
Tgt Ion: 82 Resp: 424034

Ion Ratio Lower Upper

82 100

128 40.9 32.6 49.0

54 59.8 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.887 min Scan# 1974

Delta R.T. -0.005 min

Lab File: BG055578.D

Acq: 11 Nov 2022 23:01

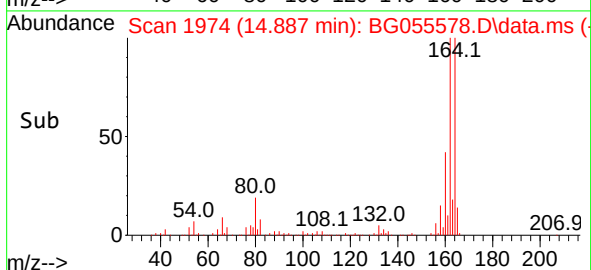
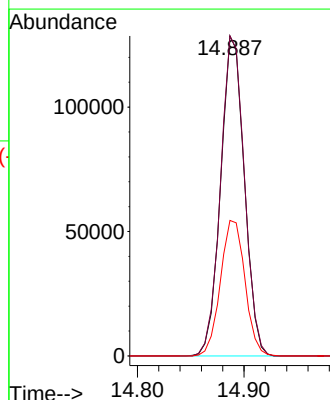
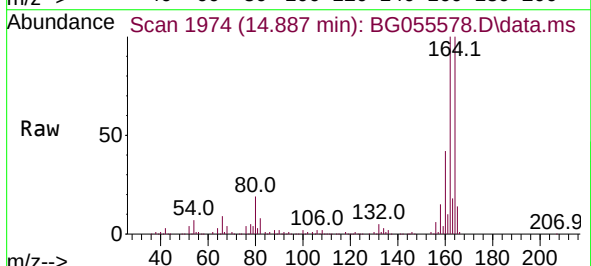
Tgt Ion: 164 Resp: 198129

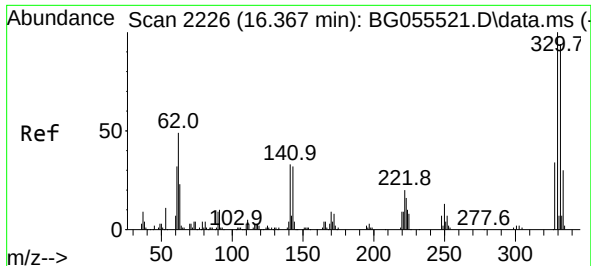
Ion Ratio Lower Upper

164 100

162 100.0 81.3 121.9

160 42.3 35.9 53.9

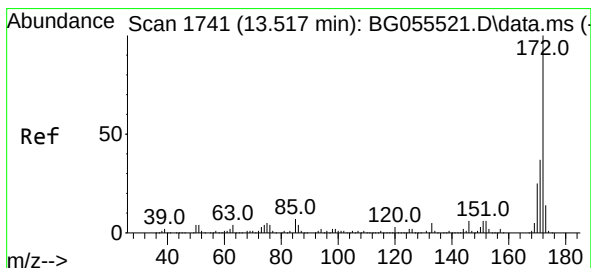
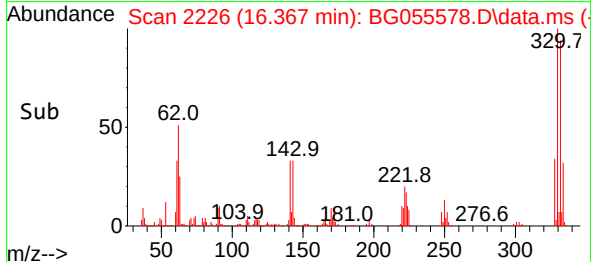
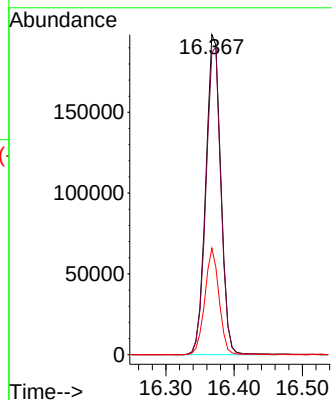
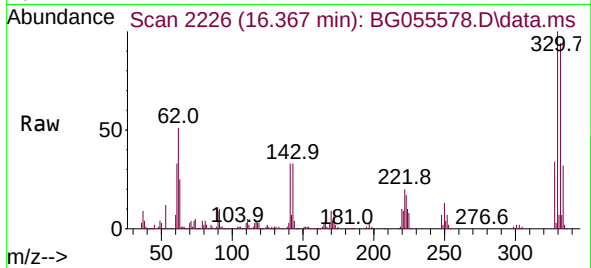




#42
2,4,6-Tribromophenol
Concen: 156.723 ng
RT: 16.367 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

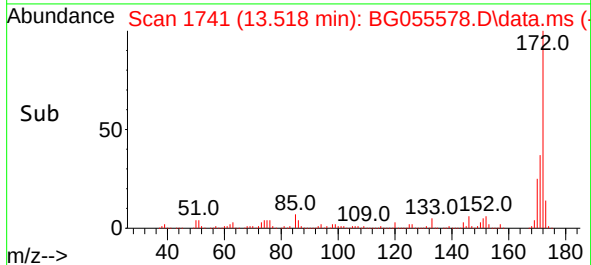
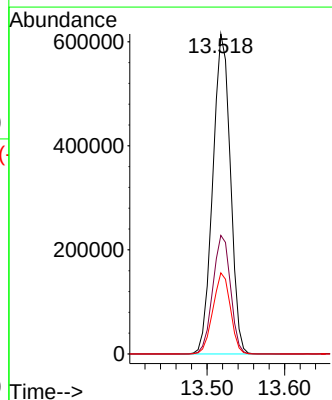
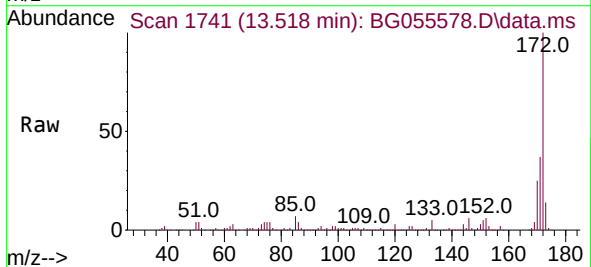
Instrument :
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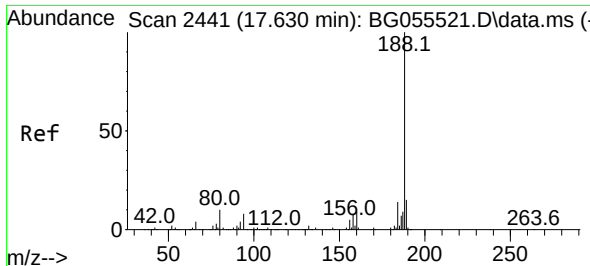
Tgt Ion:330 Resp: 302969
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 31.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 73.687 ng
RT: 13.518 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Tgt Ion:172 Resp: 967889
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 25.3 19.8 29.6

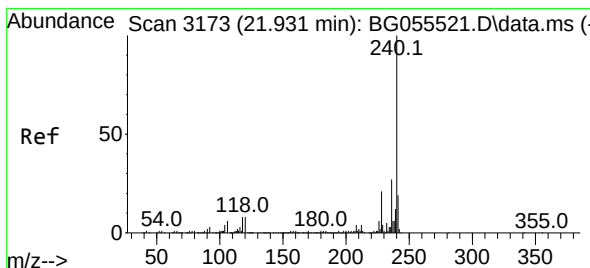
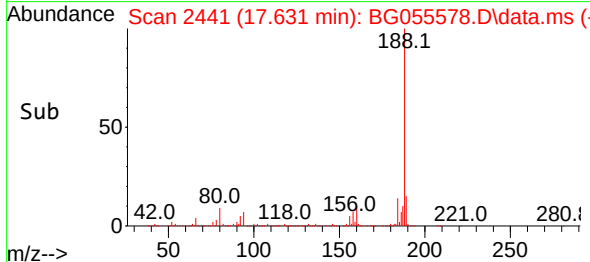
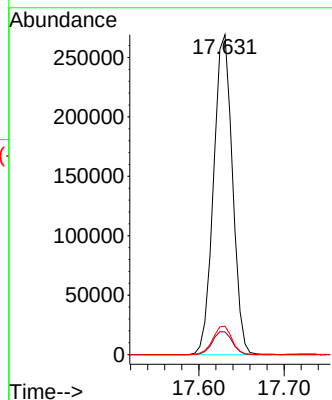
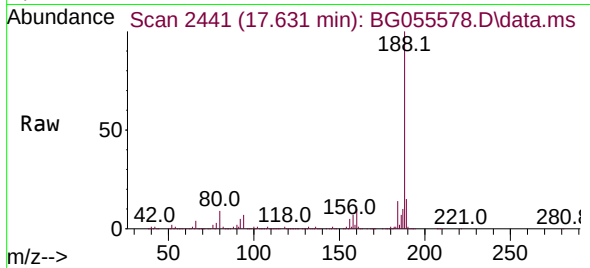




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.631 min Scan# 2441
Delta R.T. 0.001 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

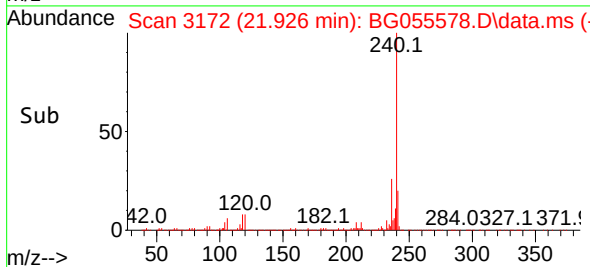
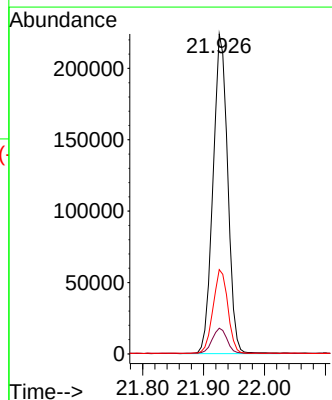
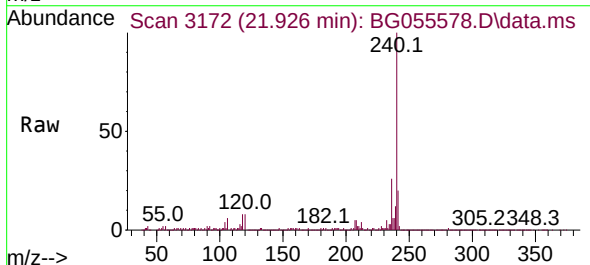
Instrument :
BNA_G
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R-21RE

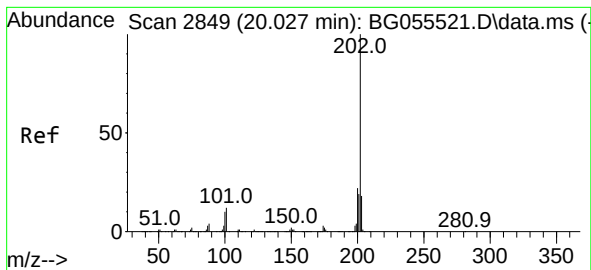
Tgt Ion:188 Resp: 413560
Ion Ratio Lower Upper
188 100
94 7.1 6.4 9.6
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3172
Delta R.T. -0.005 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Tgt Ion:240 Resp: 375353
Ion Ratio Lower Upper
240 100
120 8.0 6.1 9.1
236 26.3 21.4 32.0





#78

Pyrene

Concen: 2.031 ng

RT: 20.028 min Scan# 2849

Delta R.T. 0.001 min

Lab File: BG055578.D

Acq: 11 Nov 2022 23:01

Instrument :

BNA_G

ClientSampleId :

R-21RE

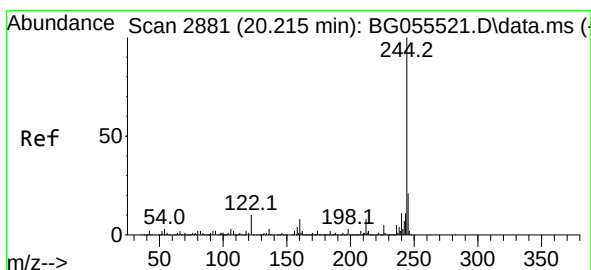
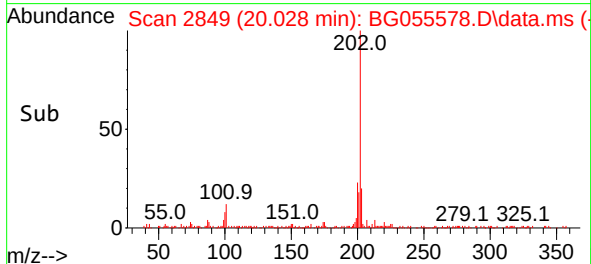
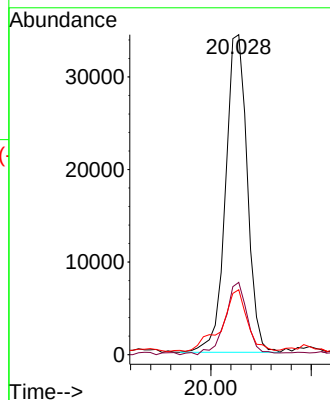
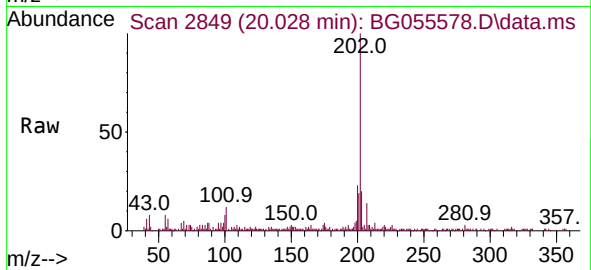
Tgt Ion:202 Resp: 51605

Ion Ratio Lower Upper

202 100

200 22.6 18.0 27.0

203 20.3 14.2 21.2



#79

Terphenyl-d14

Concen: 74.700 ng

RT: 20.216 min Scan# 2881

Delta R.T. 0.001 min

Lab File: BG055578.D

Acq: 11 Nov 2022 23:01

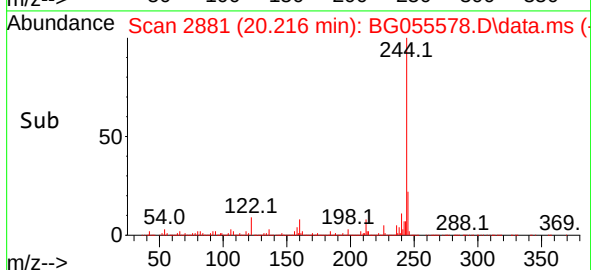
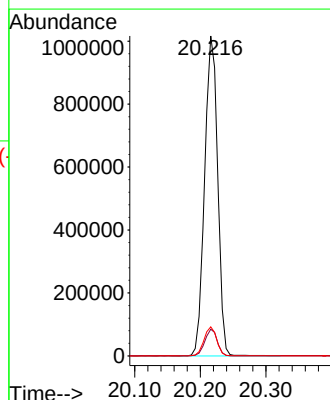
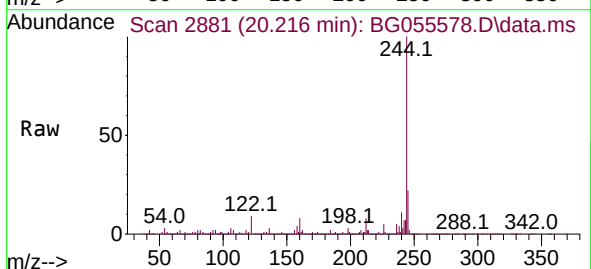
Tgt Ion:244 Resp: 1395963

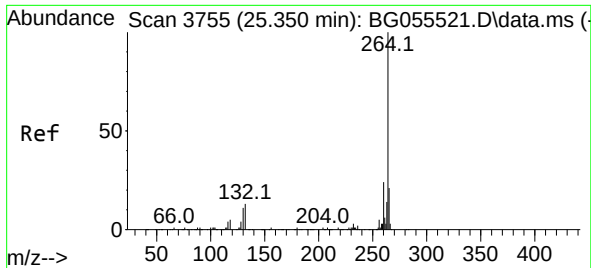
Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

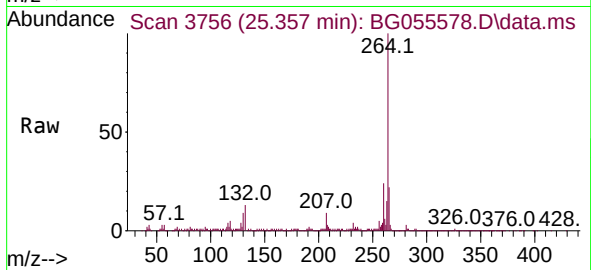
122 9.1 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.357 min Scan# 31
Delta R.T. 0.007 min
Lab File: BG055578.D
Acq: 11 Nov 2022 23:01

Instrument :
BNA_G
ClientSampleId :
R-21RE



Tgt Ion:264 Resp: 401379

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.8	17.1	25.7

