

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055544.D
 Acq On : 10 Nov 2022 18:11
 Operator : CG/JU
 Sample : N5491-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Nov 11 02:01:37 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	8.270	152	48866	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	185932	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	94920	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	285006	20.000	ng	0.00
76) Chrysene-d12	21.919	240	201282	20.000	ng	#-0.01
86) Perylene-d12	25.333	264	10971	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	421322	164.225	ng	0.00
7) Phenol-d6	7.407	99	460259	129.876	ng	0.00
23) Nitrobenzene-d5	9.440	82	349572	127.456	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	236854	255.744	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	803329	127.659	ng	0.00
79) Terphenyl-d14	20.215	244	1435278	143.224	ng	0.00

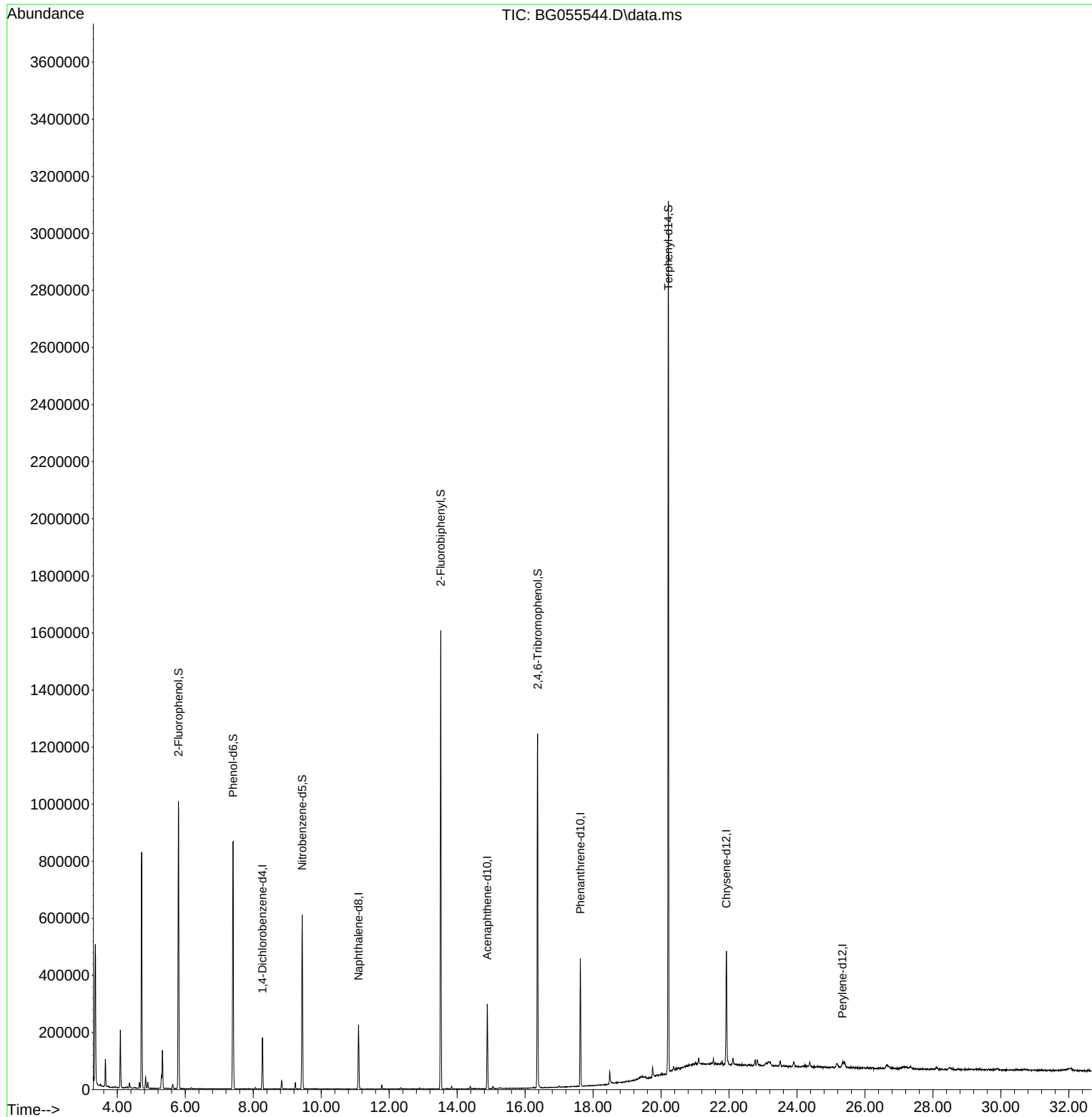
Target Compounds	Qvalue

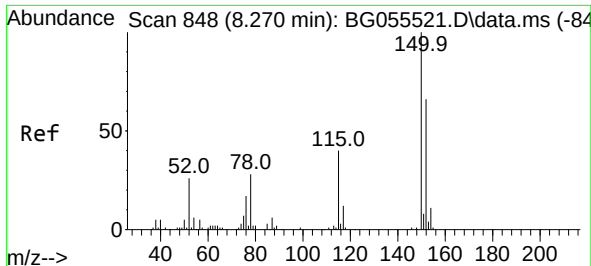
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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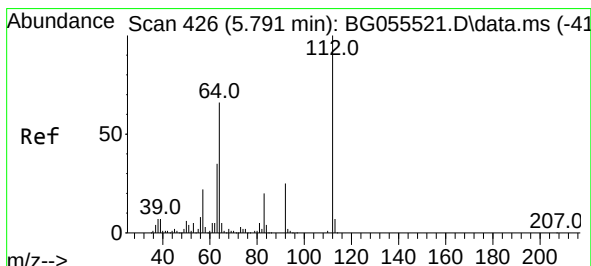
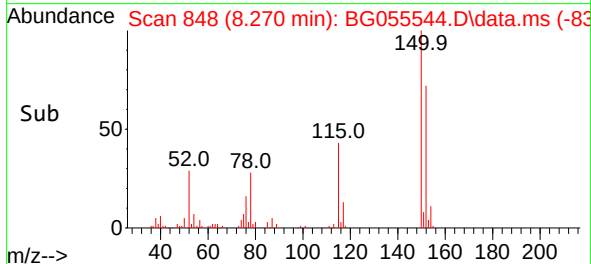
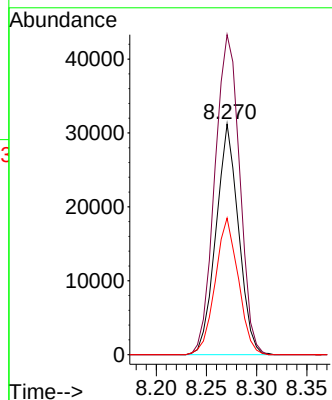
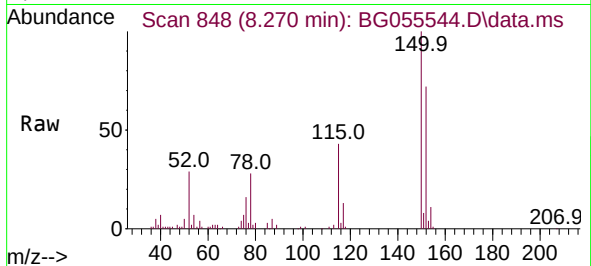




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.270 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BG055544.D
 Acq: 10 Nov 2022 18:11

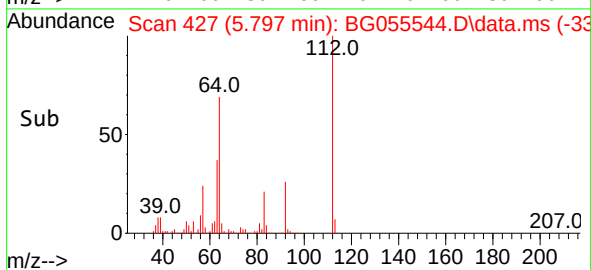
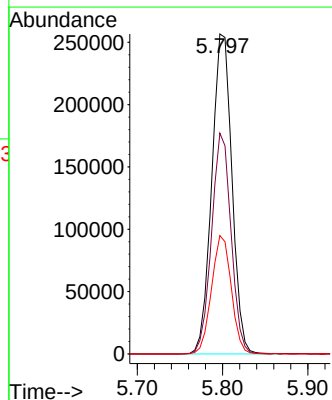
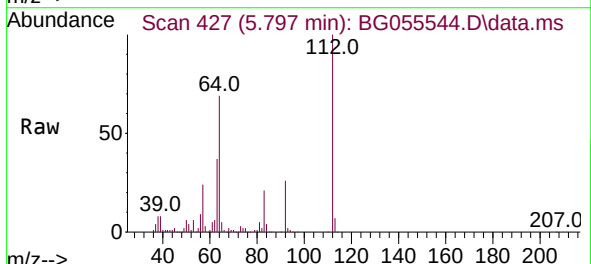
Instrument :
 BNA_G
 ClientSampleId :
 TP-4

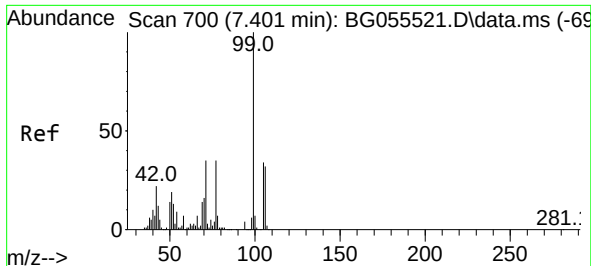
Tgt Ion:152 Resp: 48866
 Ion Ratio Lower Upper
 152 100
 150 138.7 121.0 181.4
 115 59.2 47.8 71.8



#5
 2-Fluorophenol
 Concen: 164.225 ng
 RT: 5.797 min Scan# 427
 Delta R.T. 0.006 min
 Lab File: BG055544.D
 Acq: 10 Nov 2022 18:11

Tgt Ion:112 Resp: 421322
 Ion Ratio Lower Upper
 112 100
 64 69.0 52.6 78.8
 63 37.0 28.3 42.5

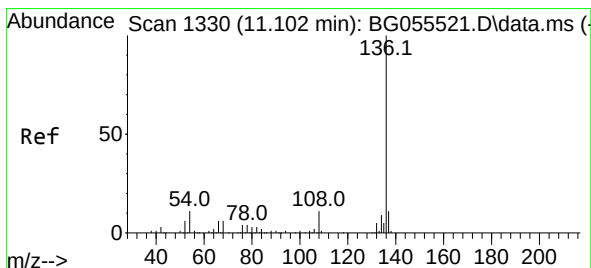
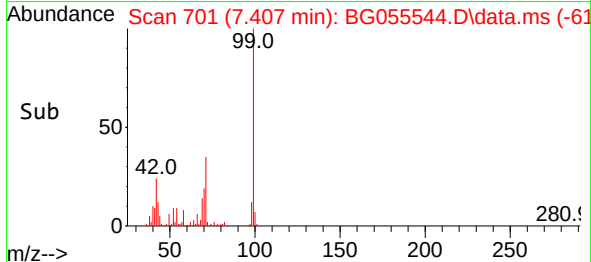
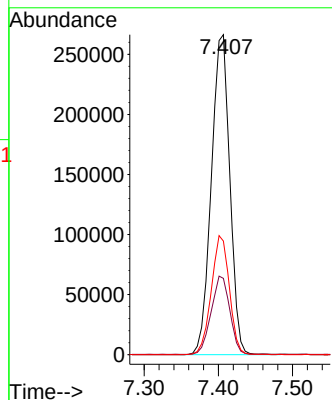
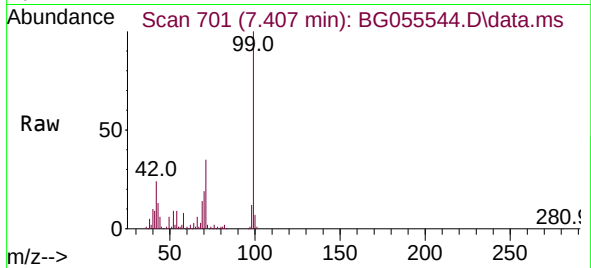




#7
Phenol-d6
Concen: 129.876 ng
RT: 7.407 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG055544.D
Acq: 10 Nov 2022 18:11

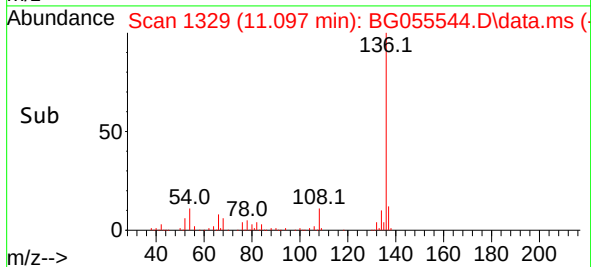
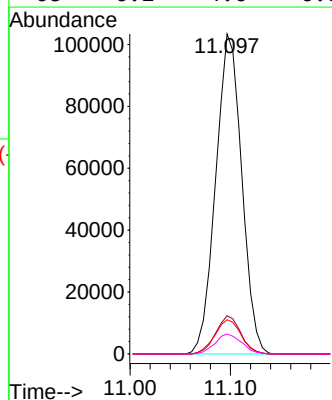
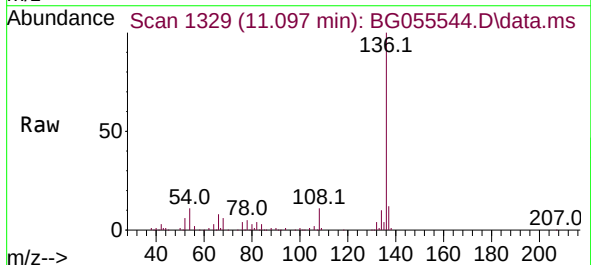
Instrument :
BNA_G
ClientSampleId :
TP-4

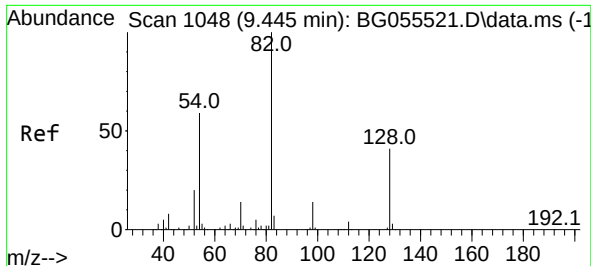
Tgt Ion:	99	Resp:	460259
Ion	Ratio	Lower	Upper
99	100		
42	23.8	17.5	26.3
71	35.5	28.3	42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG055544.D
Acq: 10 Nov 2022 18:11

Tgt Ion:	136	Resp:	185932
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.6	12.8
54	10.7	8.6	12.8
68	6.2	4.6	6.8





#23

Nitrobenzene-d5

Concen: 127.456 ng

RT: 9.440 min Scan# 1047

Delta R.T. -0.005 min

Lab File: BG055544.D

Acq: 10 Nov 2022 18:11

Instrument :

BNA_G

ClientSampleId :

TP-4

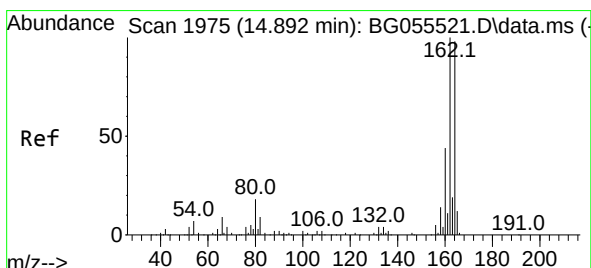
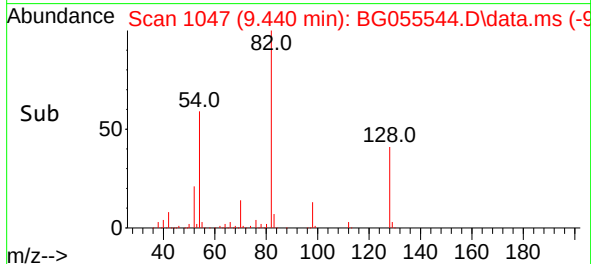
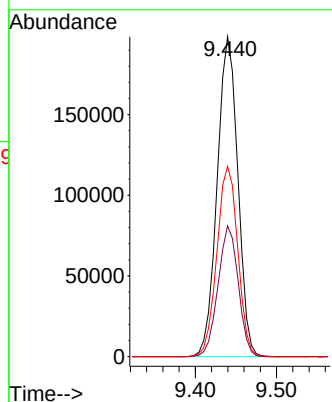
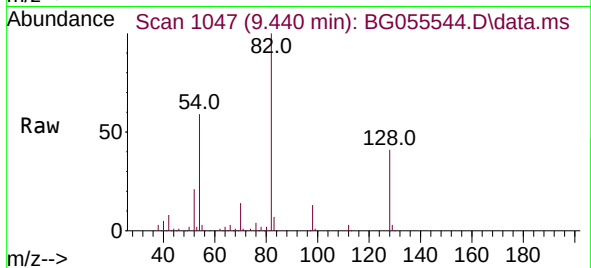
Tgt Ion: 82 Resp: 349572

Ion Ratio Lower Upper

82 100

128 40.9 32.6 49.0

54 59.5 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BG055544.D

Acq: 10 Nov 2022 18:11

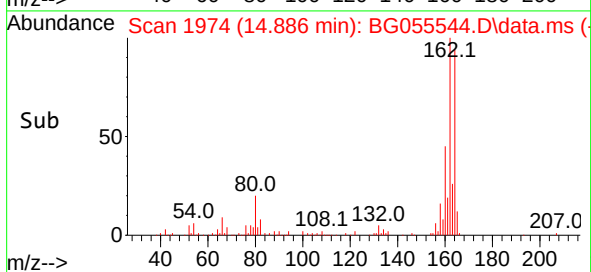
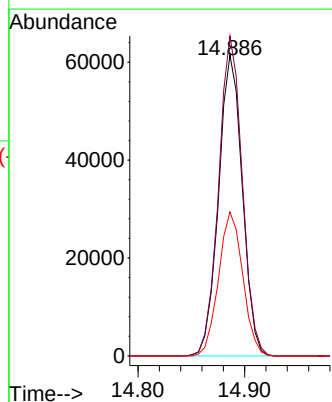
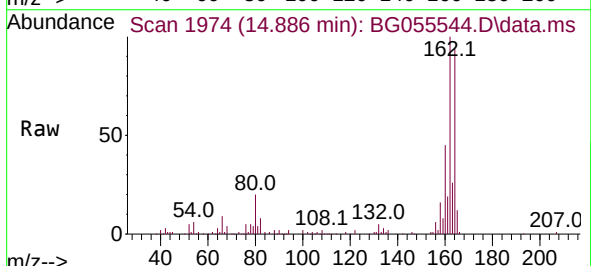
Tgt Ion:164 Resp: 94920

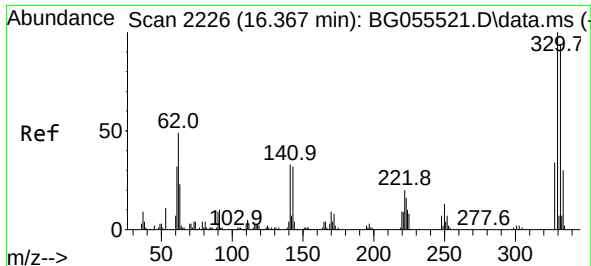
Ion Ratio Lower Upper

164 100

162 106.4 81.3 121.9

160 47.9 35.9 53.9

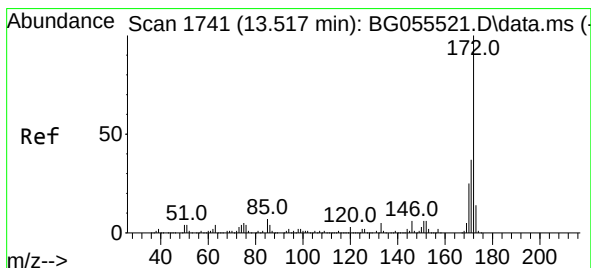
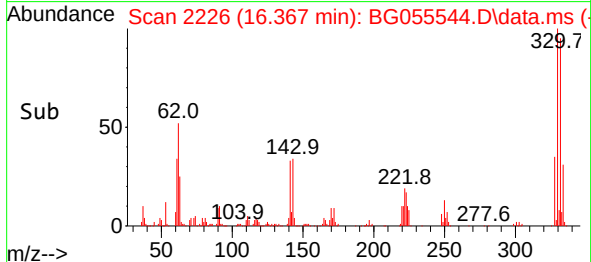
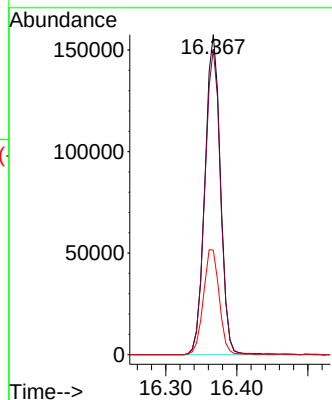
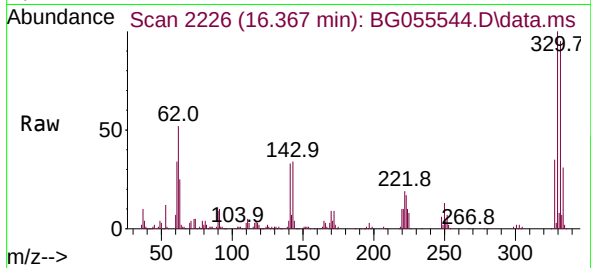




#42
2,4,6-Tribromophenol
Concen: 255.744 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BG055544.D
Acq: 10 Nov 2022 18:11

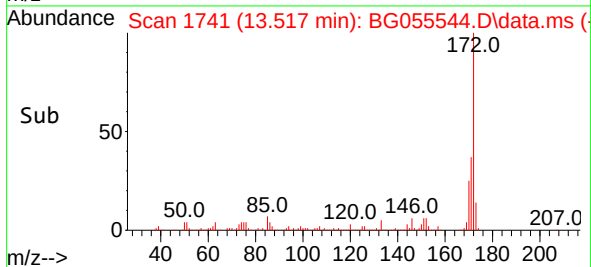
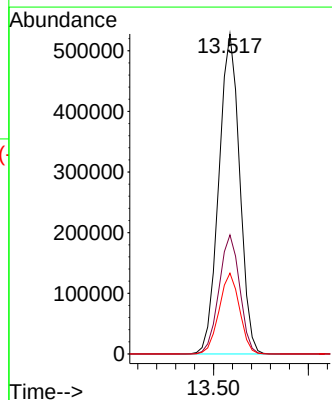
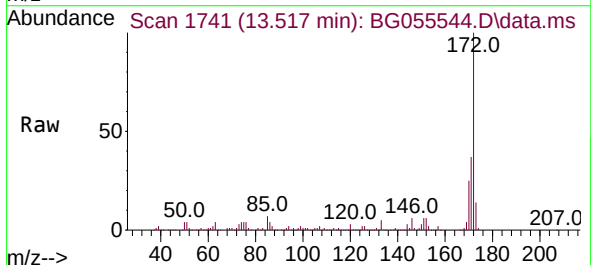
Instrument :
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ClientSampleId :
TP-4

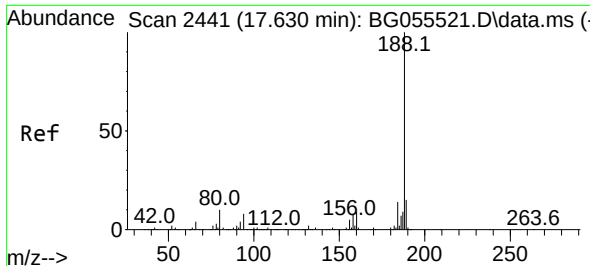
Tgt Ion:330 Resp: 236854
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 33.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 127.659 ng
RT: 13.517 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG055544.D
Acq: 10 Nov 2022 18:11

Tgt Ion:172 Resp: 803329
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 25.2 19.8 29.6

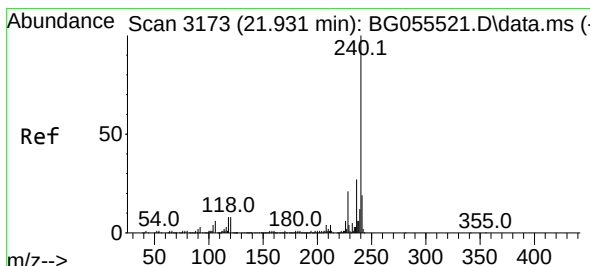
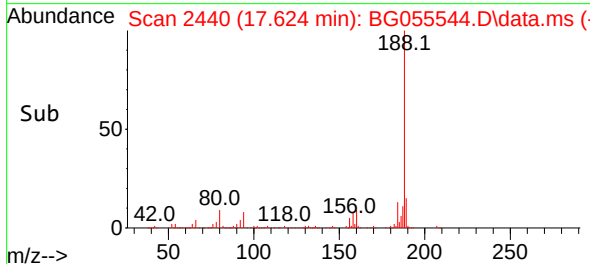
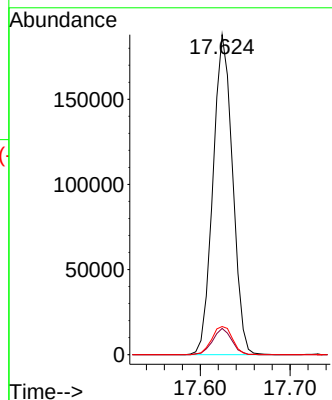
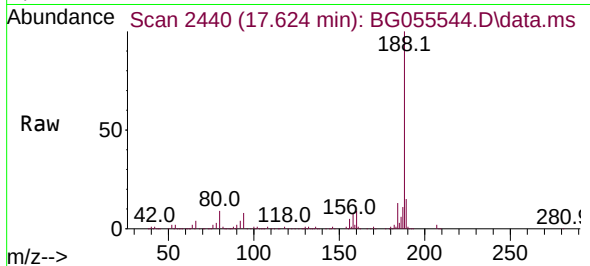




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG055544.D
Acq: 10 Nov 2022 18:11

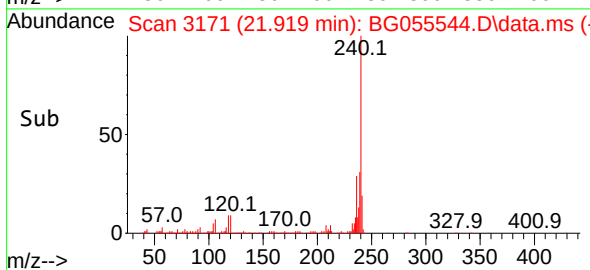
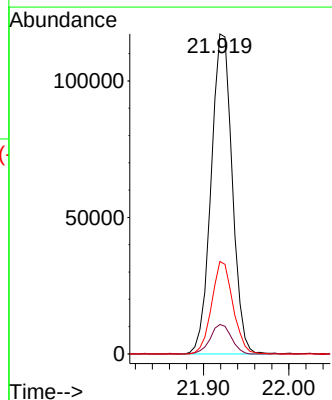
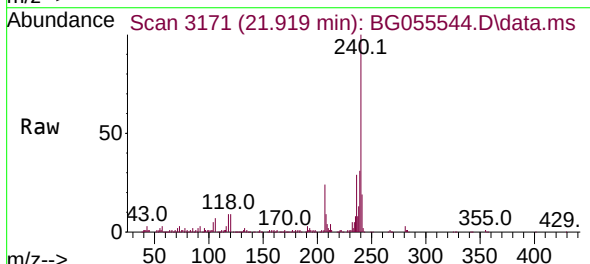
Instrument :
BNA_G
ClientSampleId :
TP-4

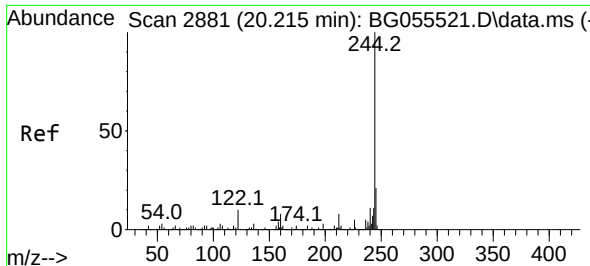
Tgt Ion:188 Resp: 285006
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. -0.012 min
Lab File: BG055544.D
Acq: 10 Nov 2022 18:11

Tgt Ion:240 Resp: 201282
Ion Ratio Lower Upper
240 100
120 9.2 6.1 9.1#
236 28.9 21.4 32.0

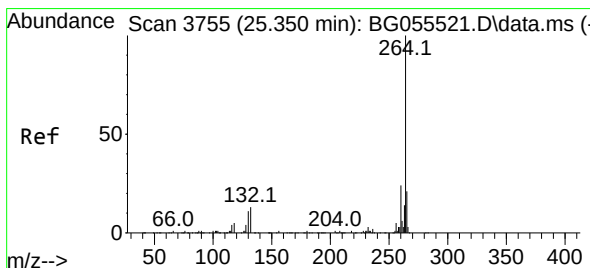
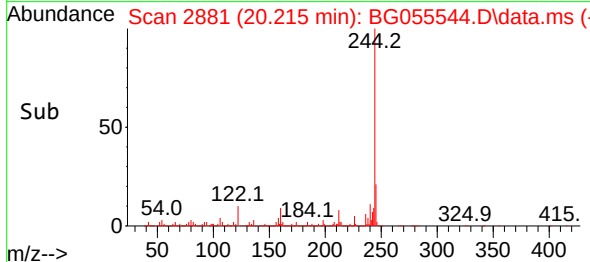
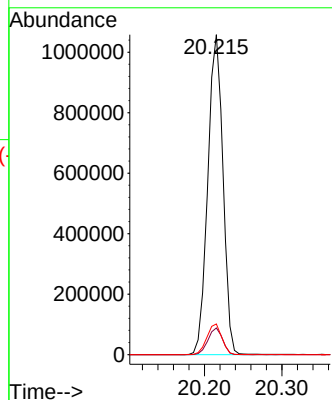
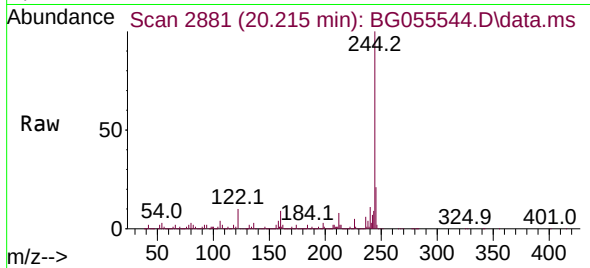




#79
 Terphenyl-d14
 Concen: 143.224 ng
 RT: 20.215 min Scan# 2881
 Delta R.T. 0.000 min
 Lab File: BG055544.D
 Acq: 10 Nov 2022 18:11

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 1435278
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 9.6 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.333 min Scan# 3752
 Delta R.T. -0.017 min
 Lab File: BG055544.D
 Acq: 10 Nov 2022 18:11

Tgt Ion:264 Resp: 10971
 Ion Ratio Lower Upper
 264 100
 260 29.0 19.4 29.2
 265 26.1 17.1 25.7#

