

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054702.D
 Acq On : 23 Aug 2022 11:11
 Operator : CG/JU
 Sample : N4224-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3-0816

Quant Time: Aug 23 12:11:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	40908	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	155855	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	105897	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	247069	20.000	ng	0.00
76) Chrysene-d12	21.825	240	253415	20.000	ng	0.00
86) Perylene-d12	25.192	264	236844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	328817	151.469	ng	0.00
7) Phenol-d6	7.301	99	395001	129.857	ng	0.00
23) Nitrobenzene-d5	9.328	82	289000	105.674	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	201530	237.634	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	643401	89.599	ng	0.00
79) Terphenyl-d14	20.133	244	1203898	94.371	ng	0.00

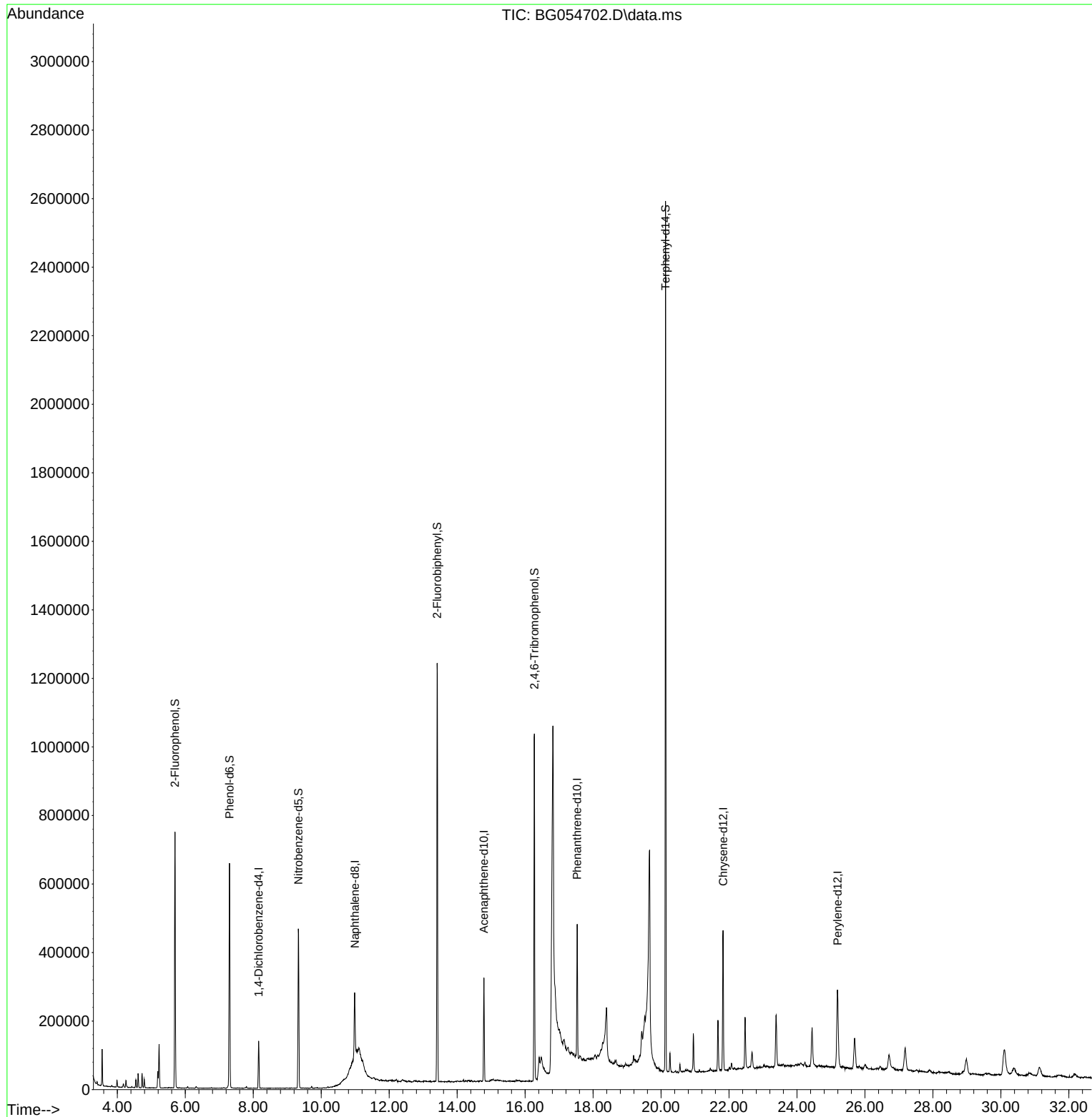
Target Compounds	Qvalue

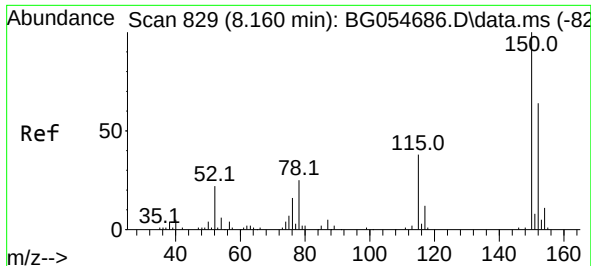
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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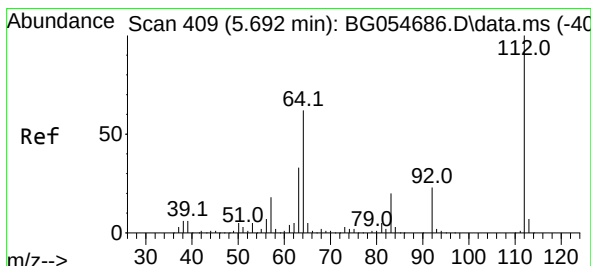
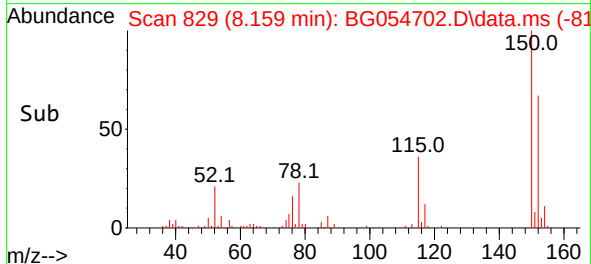
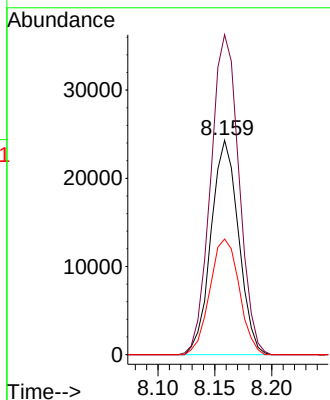
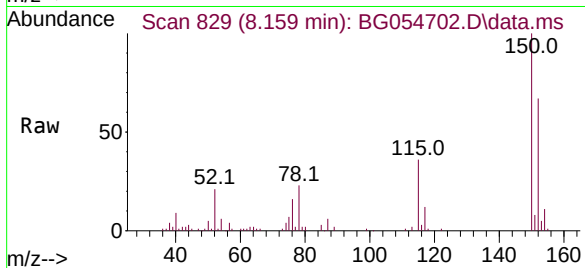




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.159 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

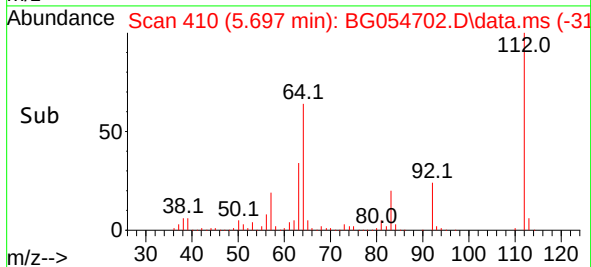
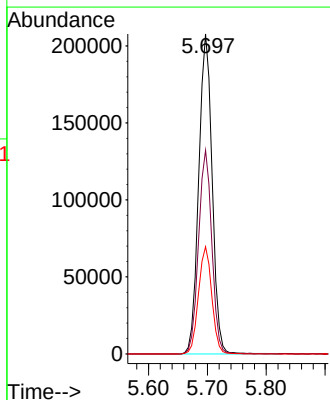
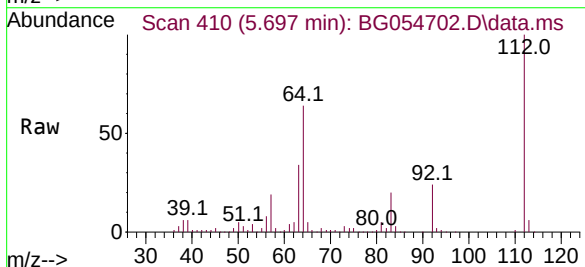
Instrument :
BNA_G
ClientSampleId :
TP3-0816

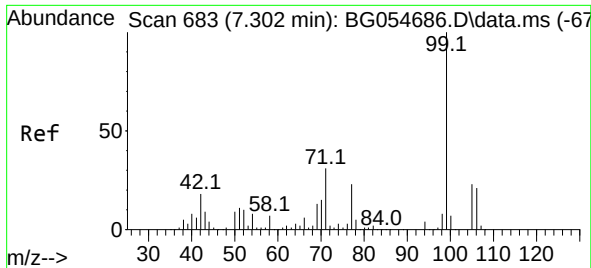
Tgt Ion:152 Resp: 40908
Ion Ratio Lower Upper
152 100
150 149.3 125.2 187.8
115 53.9 47.9 71.9



#5
2-Fluorophenol
Concen: 151.469 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.005 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

Tgt Ion:112 Resp: 328817
Ion Ratio Lower Upper
112 100
64 63.6 49.3 73.9
63 33.5 26.3 39.5

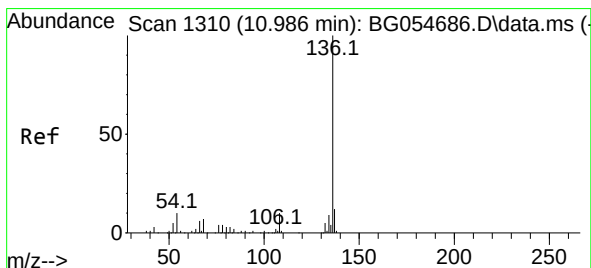
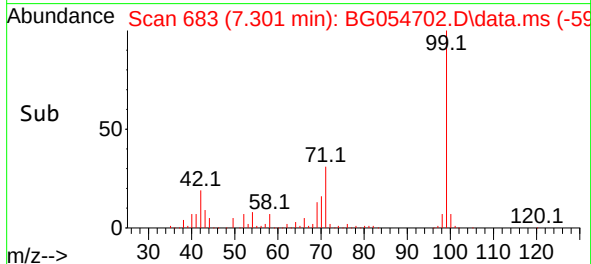
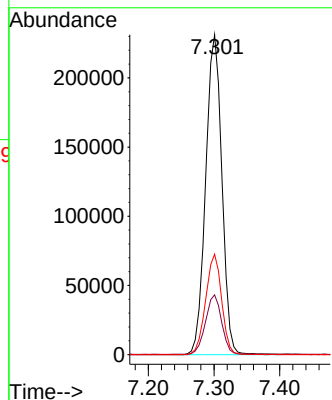
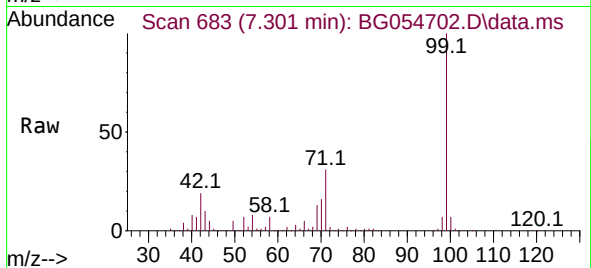




#7
Phenol-d6
Concen: 129.857 ng
RT: 7.301 min Scan# 683
Delta R.T. -0.001 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

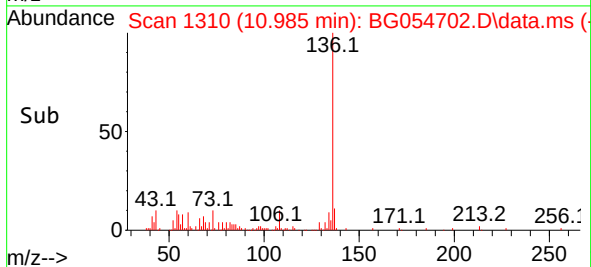
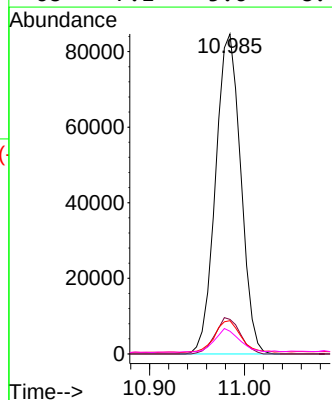
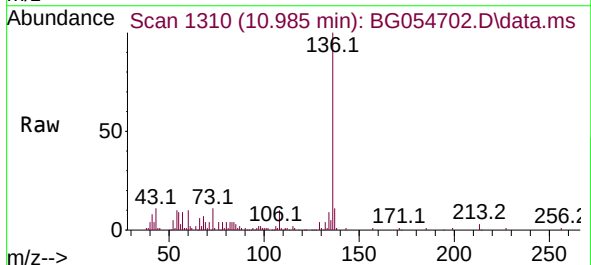
Instrument :
BNA_G
ClientSampleId :
TP3-0816

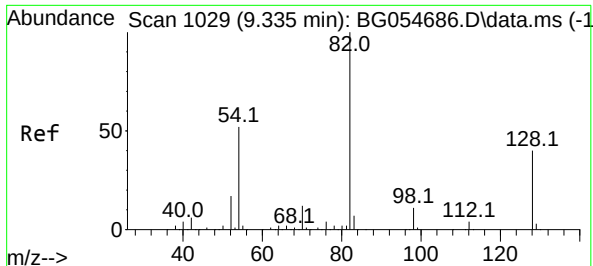
Tgt Ion: 99 Resp: 395001
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 31.4 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1310
Delta R.T. -0.001 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

Tgt Ion:136 Resp: 155855
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 10.4 7.7 11.5
68 7.1 5.6 8.4





#23

Nitrobenzene-d5

Concen: 105.674 ng

RT: 9.328 min Scan# 1028

Delta R.T. -0.007 min

Lab File: BG054702.D

Acq: 23 Aug 2022 11:11

Instrument :

BNA_G

ClientSampleId :

TP3-0816

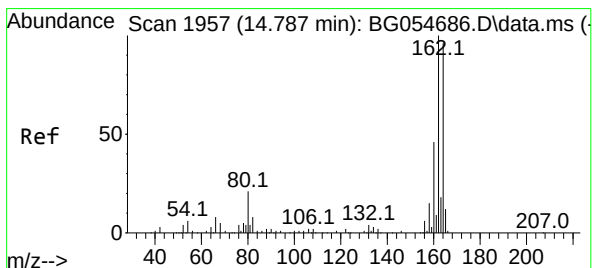
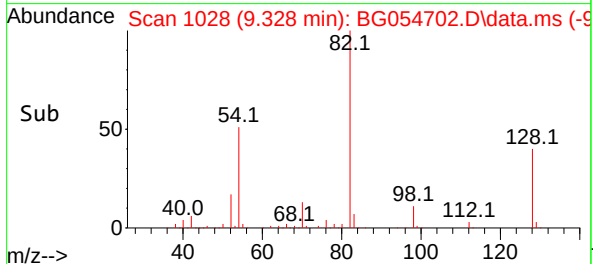
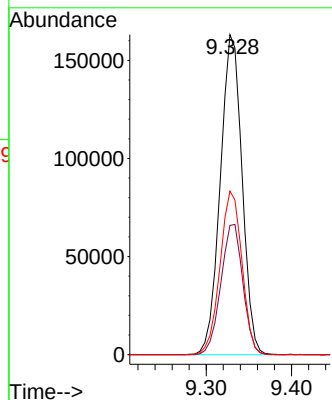
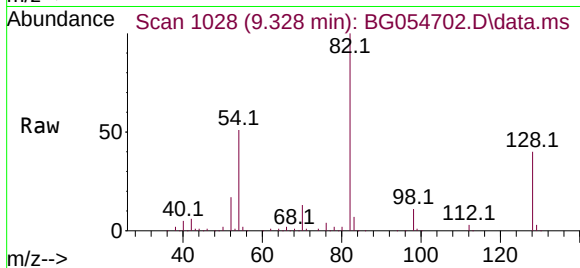
Tgt Ion: 82 Resp: 289000

Ion Ratio Lower Upper

82 100

128 40.4 32.2 48.2

54 51.1 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.786 min Scan# 1957

Delta R.T. -0.001 min

Lab File: BG054702.D

Acq: 23 Aug 2022 11:11

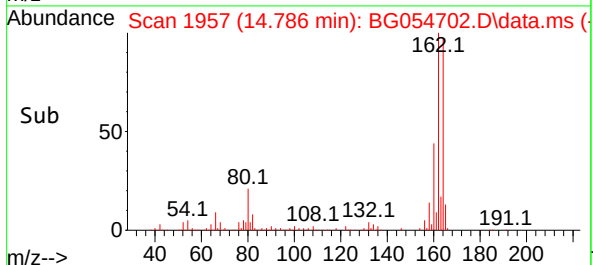
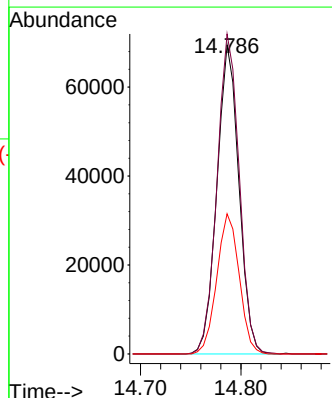
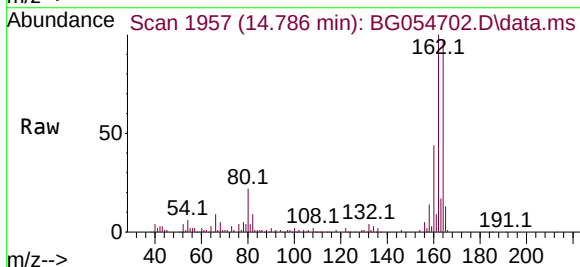
Tgt Ion:164 Resp: 105897

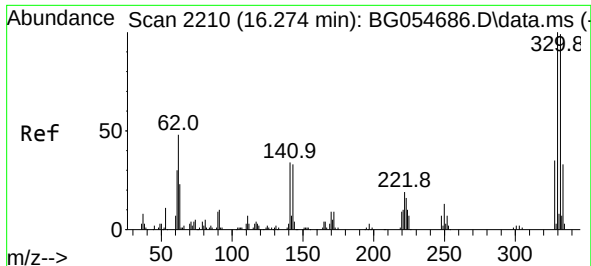
Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

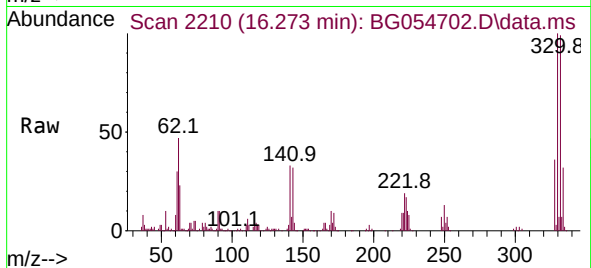
160 45.4 38.0 57.0



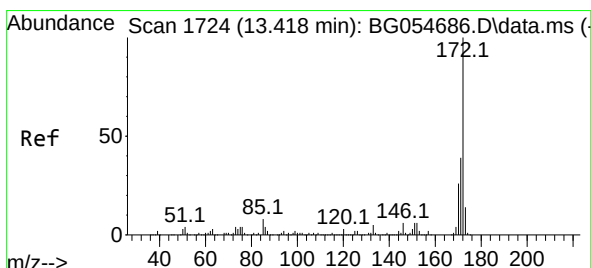
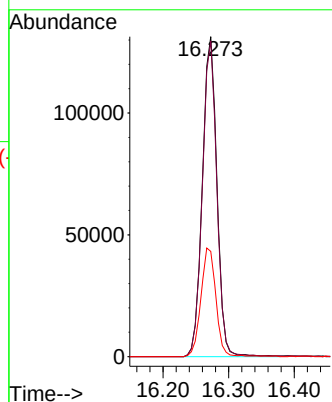
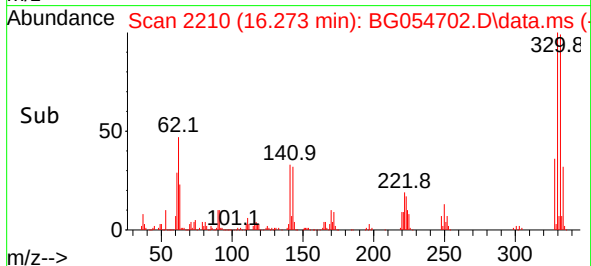


#42
2,4,6-Tribromophenol
Concen: 237.634 ng
RT: 16.273 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

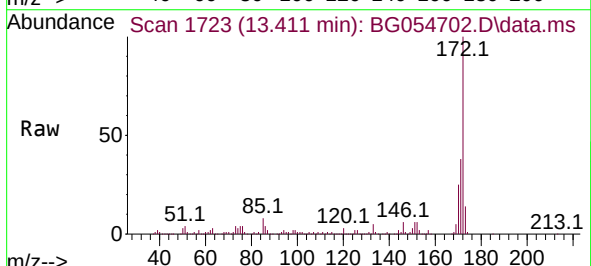
Instrument :
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ClientSampleId :
TP3-0816



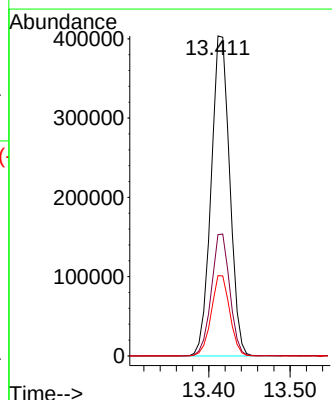
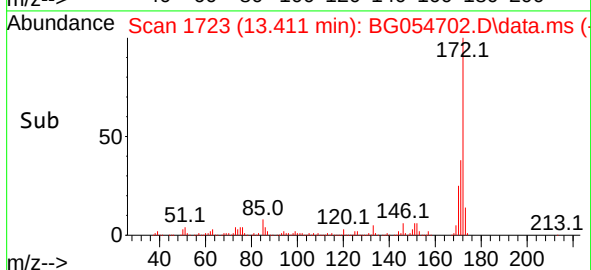
Tgt Ion:330 Resp: 201530
Ion Ratio Lower Upper
330 100
332 98.0 79.8 119.6
141 35.0 26.8 40.2

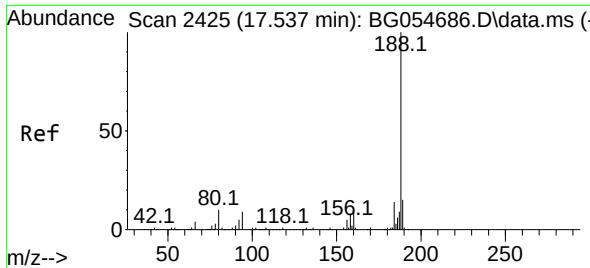


#45
2-Fluorobiphenyl
Concen: 89.599 ng
RT: 13.411 min Scan# 1723
Delta R.T. -0.007 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11



Tgt Ion:172 Resp: 643401
Ion Ratio Lower Upper
172 100
171 37.9 31.2 46.8
170 25.1 20.6 30.8

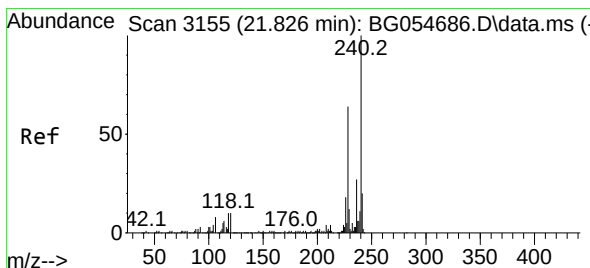
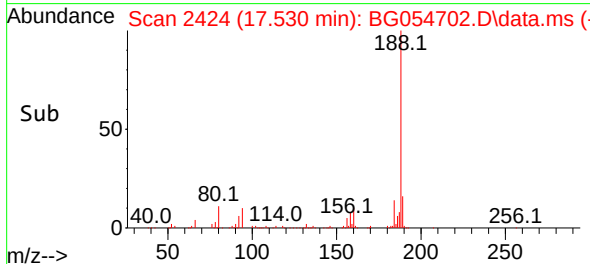
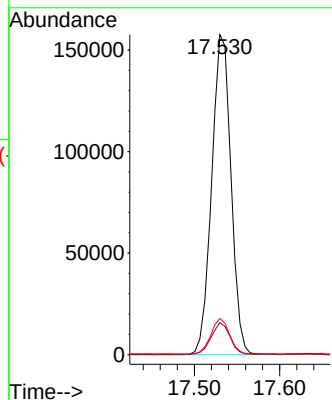
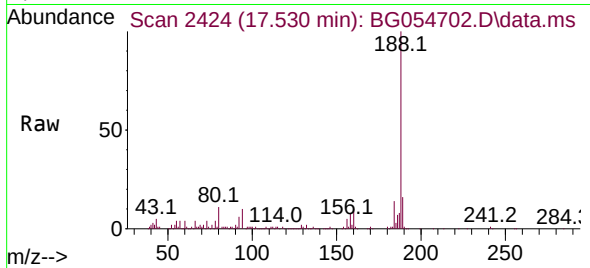




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2425
Delta R.T. -0.007 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

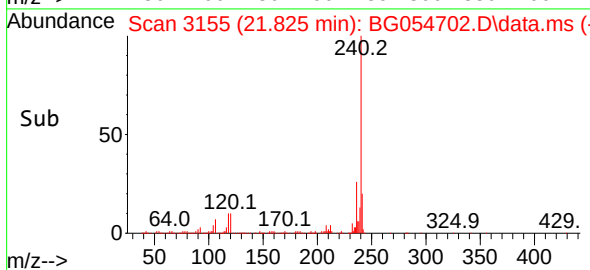
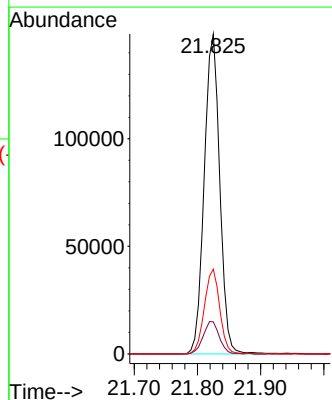
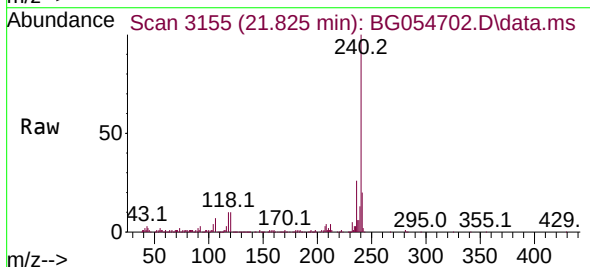
Instrument :
BNA_G
ClientSampleId :
TP3-0816

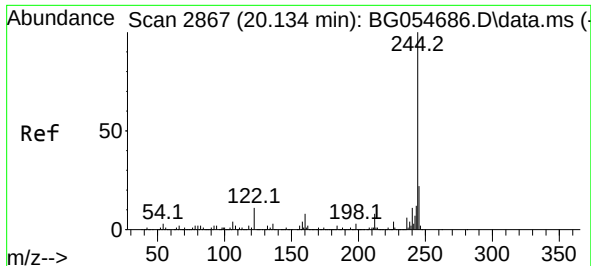
Tgt Ion:188 Resp: 247069
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.4
80 11.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BG054702.D
Acq: 23 Aug 2022 11:11

Tgt Ion:240 Resp: 253415
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.4
236 26.5 21.2 31.8



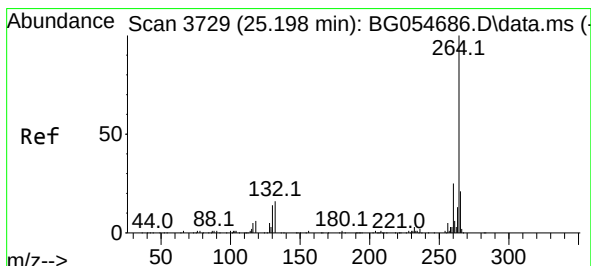
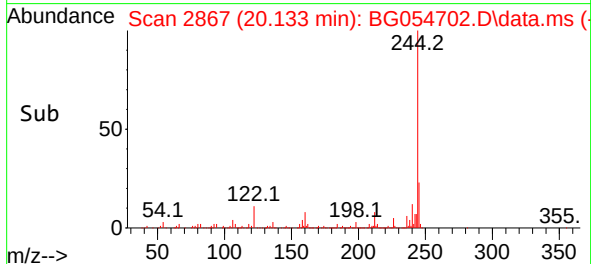
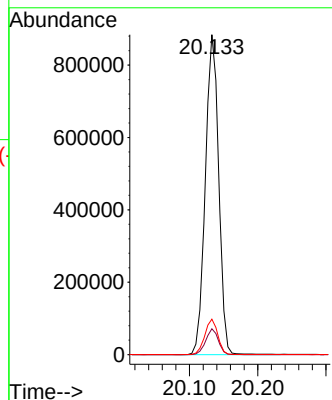
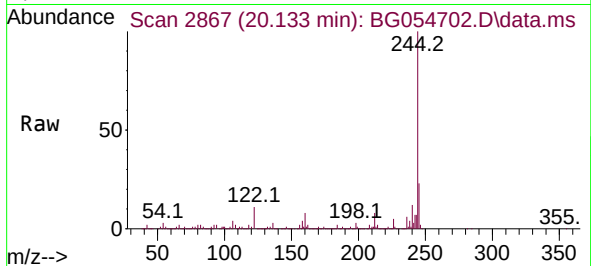


#79
 Terphenyl-d14
 Concen: 94.371 ng
 RT: 20.133 min Scan# 2867
 Delta R.T. -0.001 min
 Lab File: BG054702.D
 Acq: 23 Aug 2022 11:11

Instrument :
 BNA_G
 ClientSampleId :
 TP3-0816

Tgt Ion:244 Resp: 1203898

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	11.1	9.0	13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.192 min Scan# 3728
 Delta R.T. -0.007 min
 Lab File: BG054702.D
 Acq: 23 Aug 2022 11:11

Tgt Ion:264 Resp: 236844

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	20.5	16.9	25.3

