

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025531.D
 Acq On : 20 May 2023 20:04
 Operator : CG/JU
 Sample : PB152912BL
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB152912BL

Quant Time: May 22 02:01:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 22 01:54:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	4617	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	13364	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6868	0.400	ng	-0.01
19) Phenanthrene-d10	17.435	188	15398	0.400	ng	# 0.00
29) Chrysene-d12	21.616	240	9253	0.400	ng	# 0.00
35) Perylene-d12	24.138	264	3239	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	5078	0.487	ng	0.00
5) Phenol-d6	7.218	99	6699	0.501	ng	0.00
8) Nitrobenzene-d5	9.234	82	4568	0.428	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	8341	0.449	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	1107	0.413	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	12292	0.468	ng	-0.01
27) Fluoranthene-d10	19.464	212	14174	0.399	ng	0.00
31) Terphenyl-d14	20.049	244	9251	0.562	ng	0.00

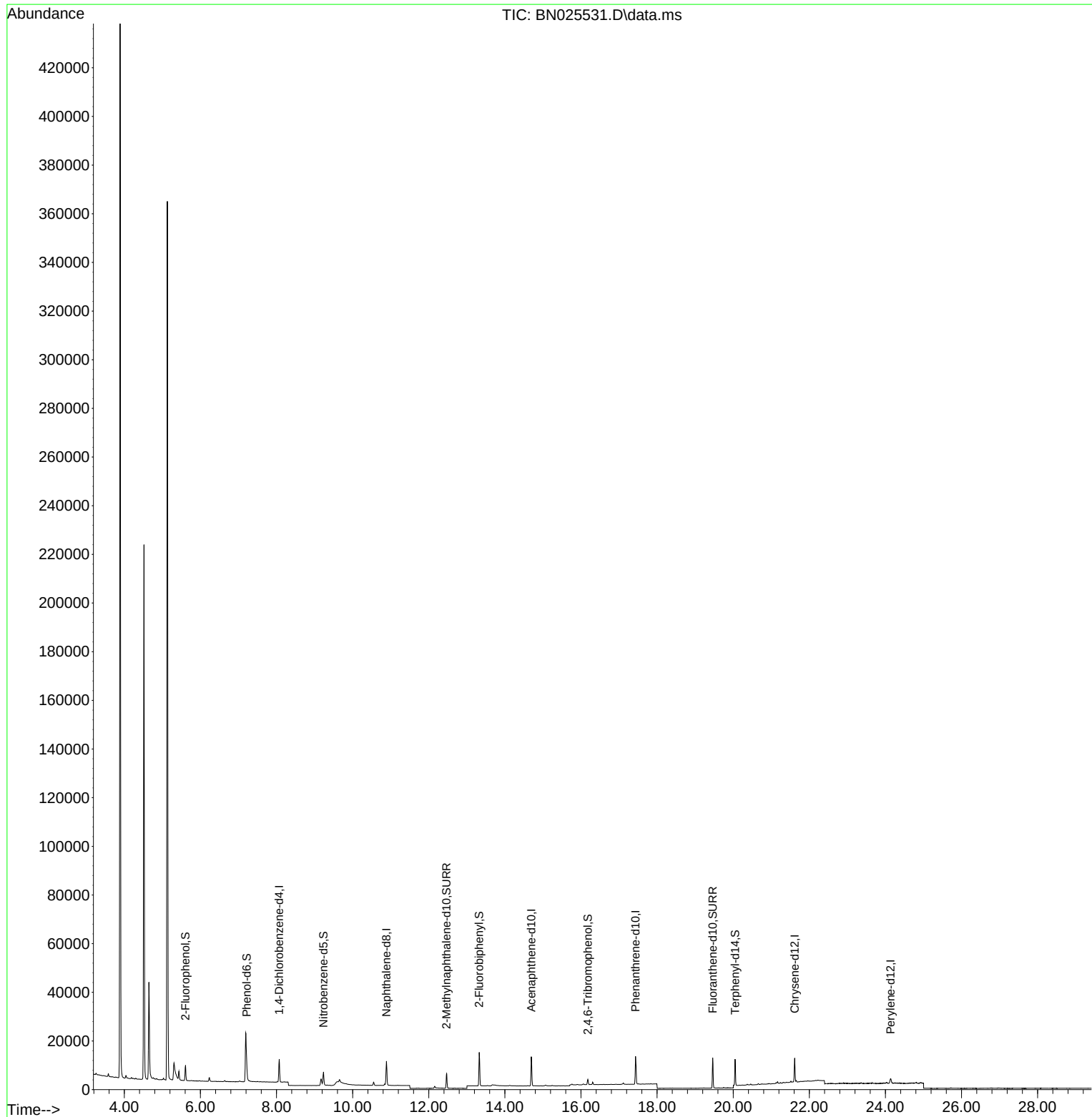
Target Compounds Qvalue

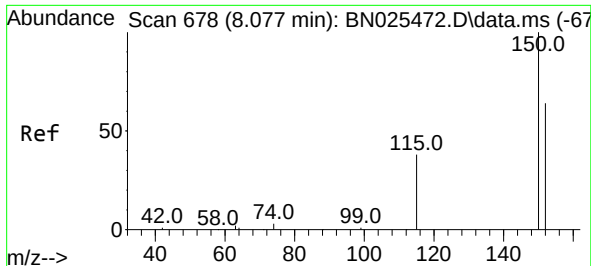
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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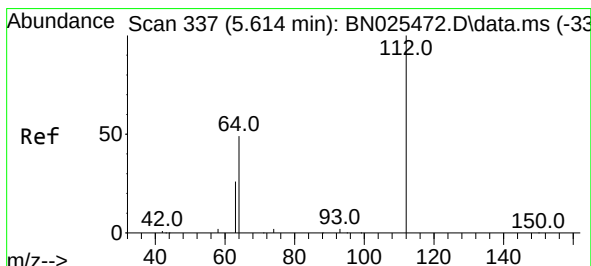
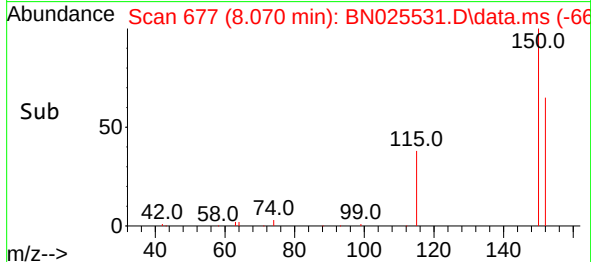
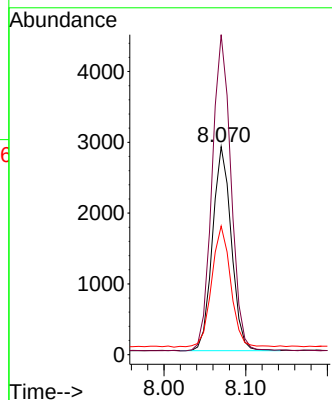
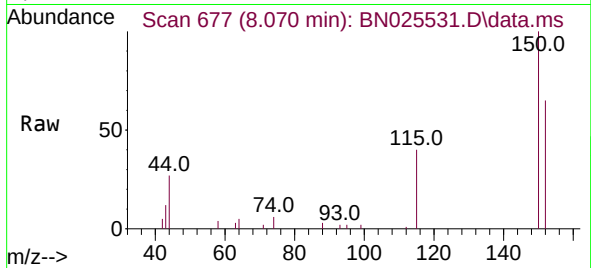




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025531.D
Acq: 20 May 2023 20:04

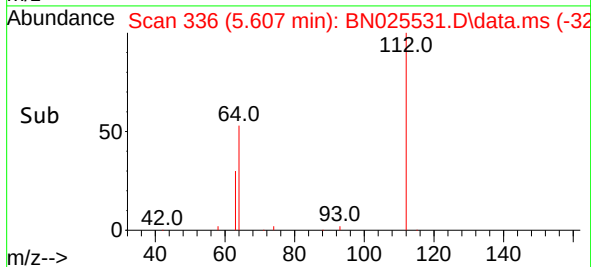
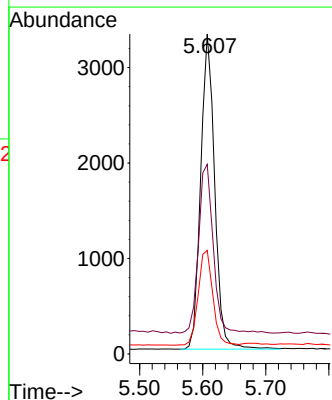
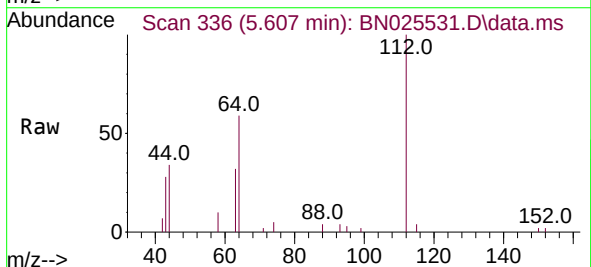
Instrument :
BNA_N
ClientSampleId :
PB152912BL

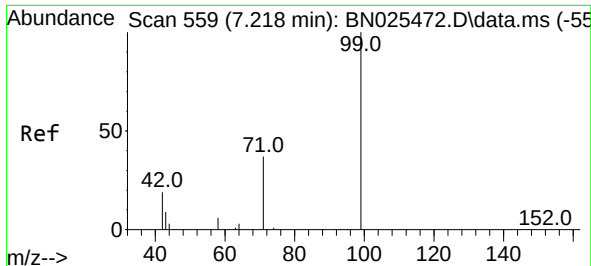
Tgt Ion:152 Resp: 4617
Ion Ratio Lower Upper
152 100
150 153.8 125.3 187.9
115 61.8 50.2 75.2



#4
2-Fluorophenol
Concen: 0.487 ng
RT: 5.607 min Scan# 336
Delta R.T. -0.000 min
Lab File: BN025531.D
Acq: 20 May 2023 20:04

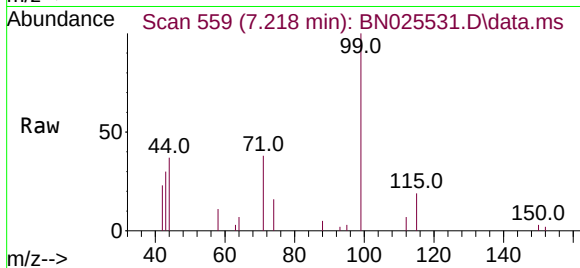
Tgt Ion:112 Resp: 5078
Ion Ratio Lower Upper
112 100
64 57.1 44.0 66.0
63 31.4 24.0 36.0



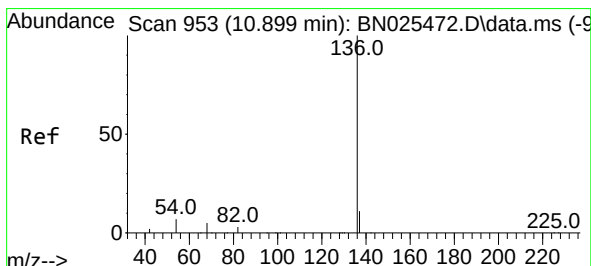
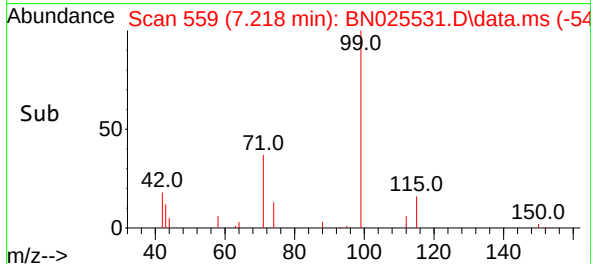
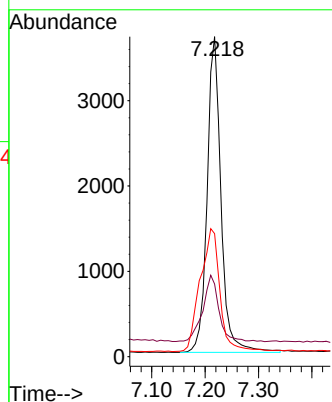


#5
Phenol-d6
Concen: 0.501 ng
RT: 7.218 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN025531.D
Acq: 20 May 2023 20:04

Instrument :
BNA_N
ClientSampleId :
PB152912BL

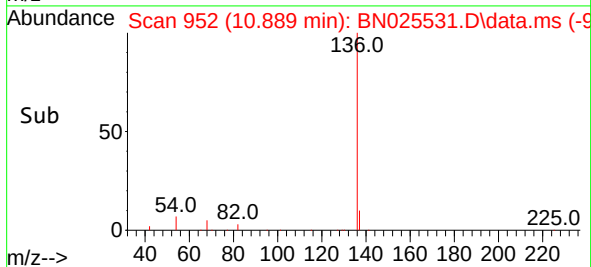
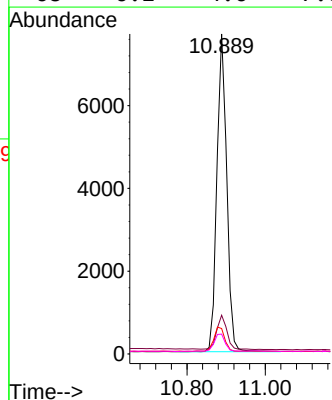
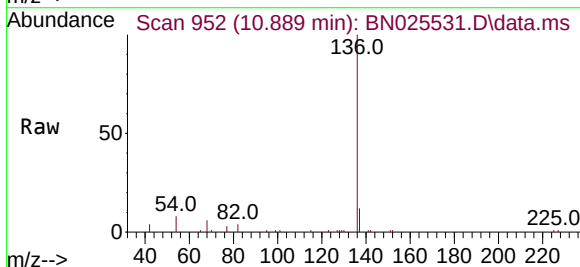


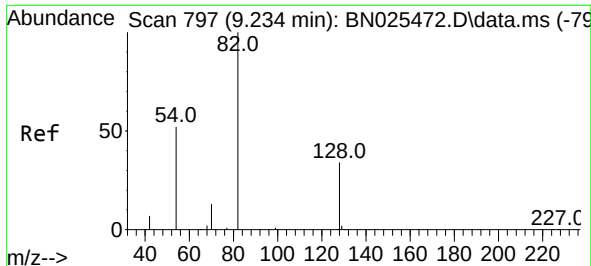
Tgt Ion: 99 Resp: 6699
Ion Ratio Lower Upper
99 100
42 24.6 15.8 23.8#
71 55.7 28.6 43.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 952
Delta R.T. -0.000 min
Lab File: BN025531.D
Acq: 20 May 2023 20:04

Tgt Ion: 136 Resp: 13364
Ion Ratio Lower Upper
136 100
137 12.1 9.1 13.7
54 7.9 5.8 8.6
68 6.2 4.6 7.0

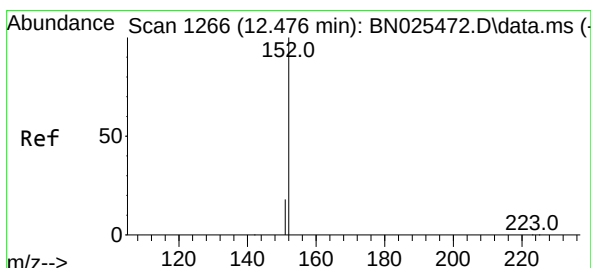
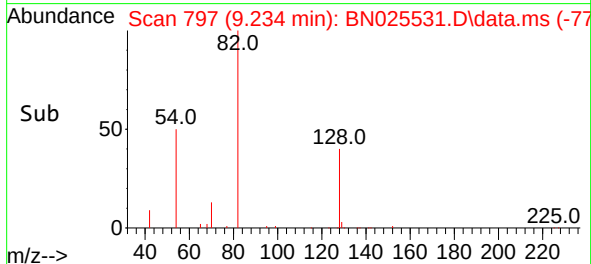
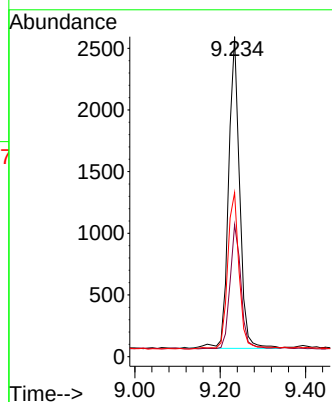
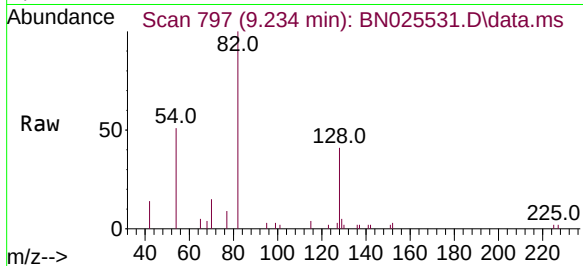




#8
Nitrobenzene-d5
Concen: 0.428 ng
RT: 9.234 min Scan# 797
Delta R.T. -0.000 min
Lab File: BN025531.D
Acq: 20 May 2023 20:04

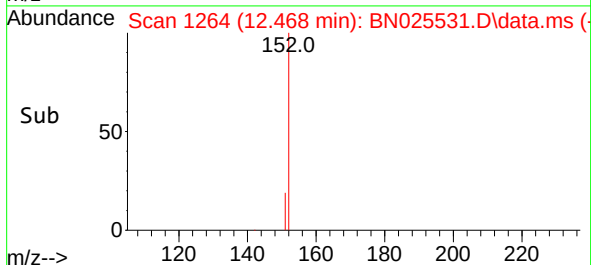
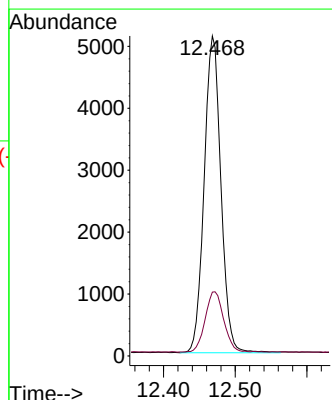
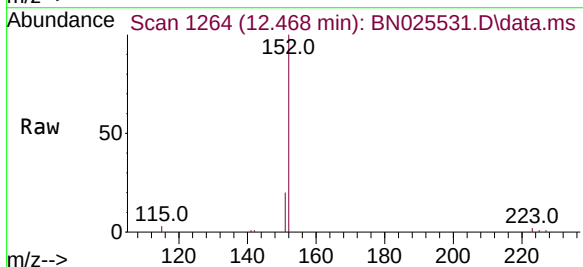
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ClientSampleId :
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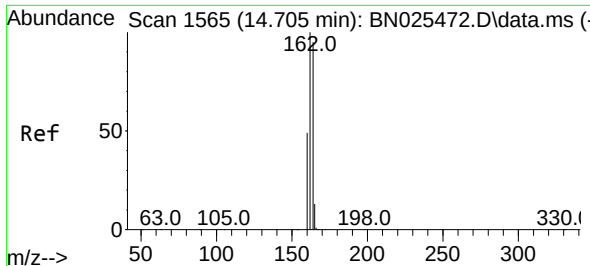
Tgt Ion: 82 Resp: 4568
Ion Ratio Lower Upper
82 100
128 41.2 27.9 41.9
54 51.2 42.4 63.6



#11
2-Methylnaphthalene-d10
Concen: 0.449 ng
RT: 12.468 min Scan# 1264
Delta R.T. -0.004 min
Lab File: BN025531.D
Acq: 20 May 2023 20:04

Tgt Ion: 152 Resp: 8341
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8

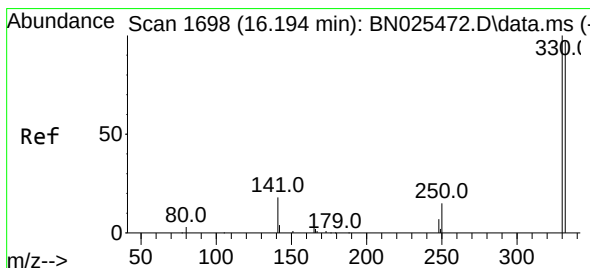
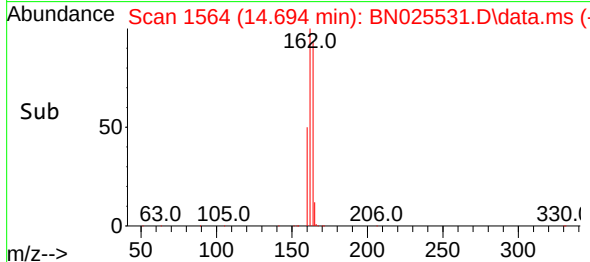
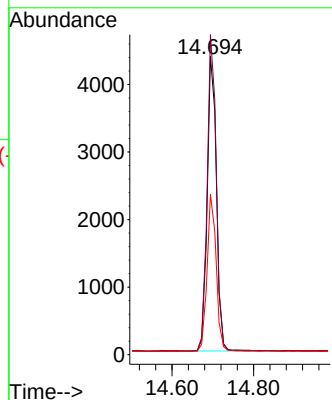
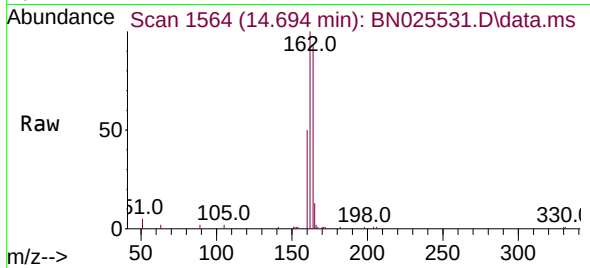




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.694 min Scan# 1564
 Delta R.T. -0.011 min
 Lab File: BN025531.D
 Acq: 20 May 2023 20:04

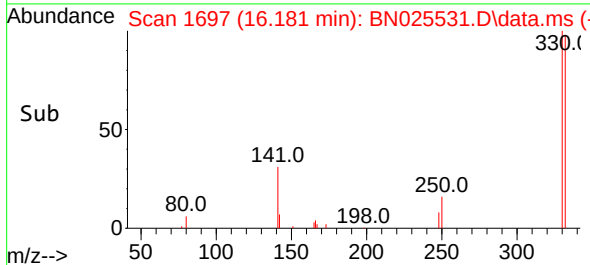
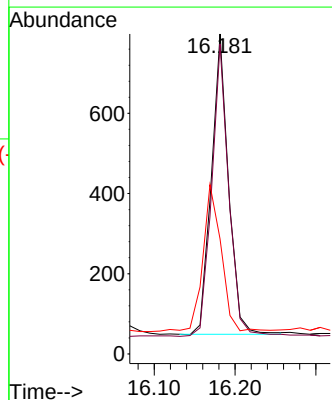
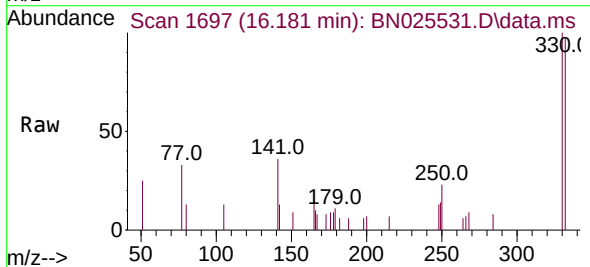
Instrument :
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 ClientSampleId :
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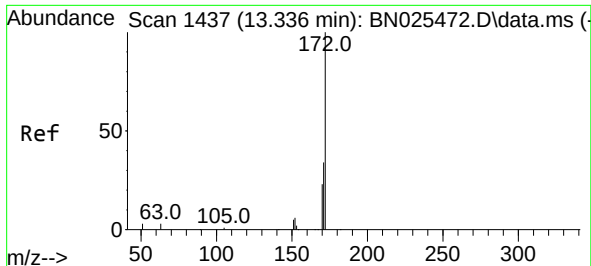
Tgt Ion:164 Resp: 6868
 Ion Ratio Lower Upper
 164 100
 162 107.3 84.2 126.2
 160 53.7 41.4 62.2



#14
 2,4,6-Tribromophenol
 Concen: 0.413 ng
 RT: 16.181 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: BN025531.D
 Acq: 20 May 2023 20:04

Tgt Ion:330 Resp: 1107
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.1 114.1
 141 52.5 36.1 54.1

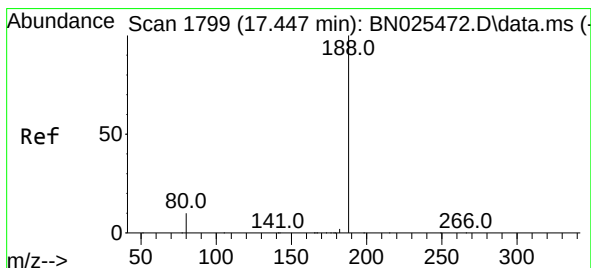
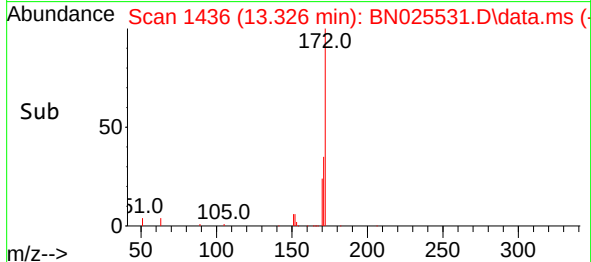
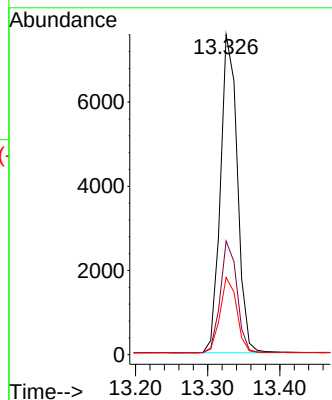
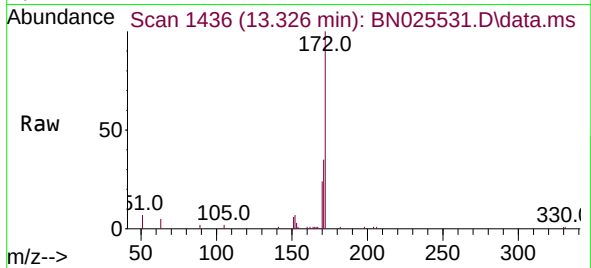




#15
2-Fluorobiphenyl
Concen: 0.468 ng
RT: 13.326 min Scan# 1437
Delta R.T. -0.011 min
Lab File: BN025531.D
Acq: 20 May 2023 20:04

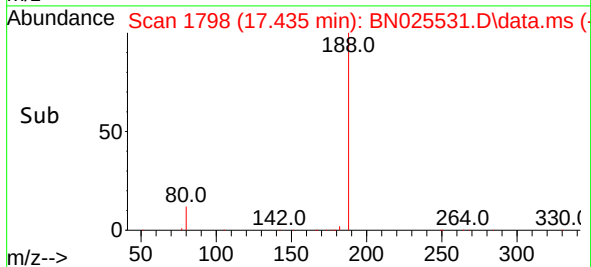
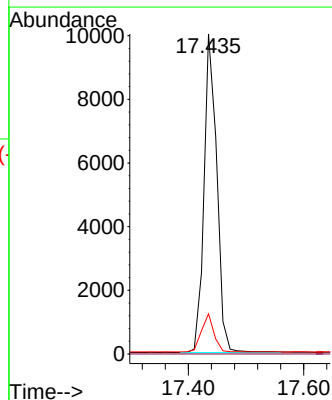
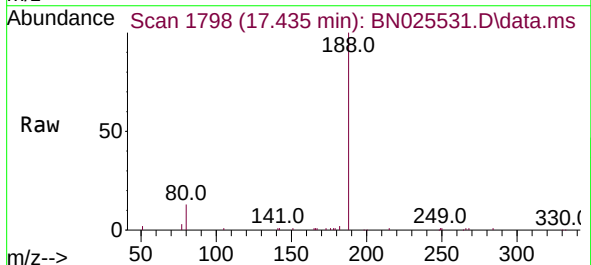
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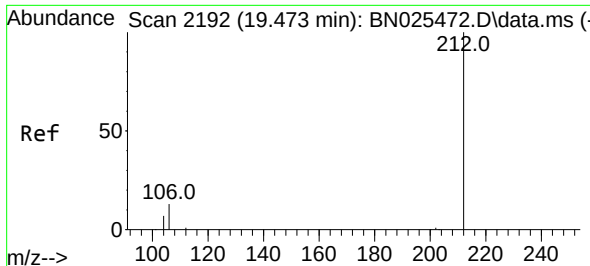
Tgt Ion:172 Resp: 12292
Ion Ratio Lower Upper
172 100
171 35.5 27.6 41.4
170 24.2 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BN025531.D
Acq: 20 May 2023 20:04

Tgt Ion:188 Resp: 15398
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 8.2 12.4

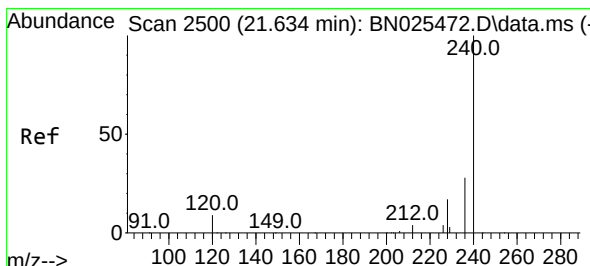
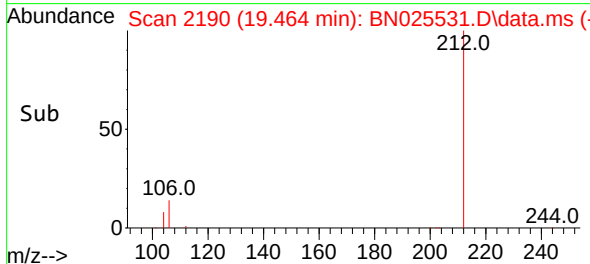
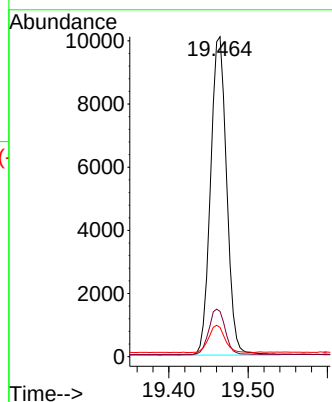
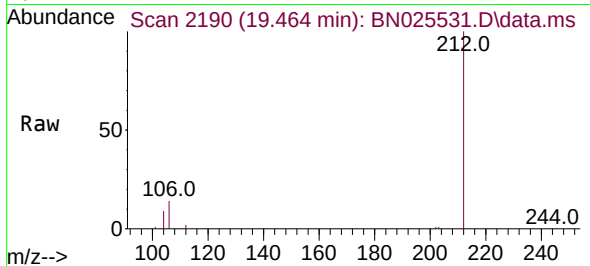




#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.464 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN025531.D
Acq: 20 May 2023 20:04

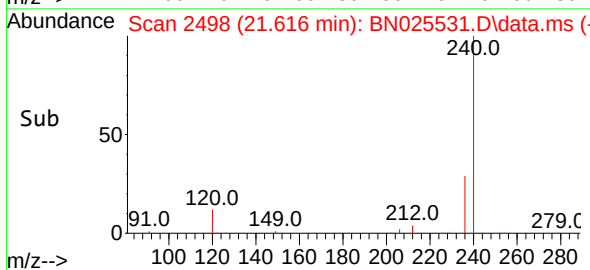
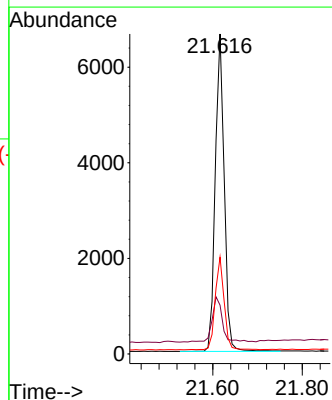
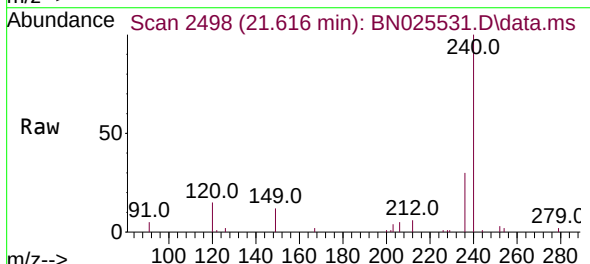
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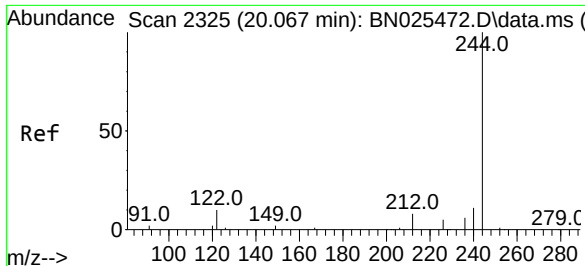
Tgt Ion:212 Resp: 14174
Ion Ratio Lower Upper
212 100
106 14.5 11.4 17.2
104 8.5 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 2498
Delta R.T. -0.000 min
Lab File: BN025531.D
Acq: 20 May 2023 20:04

Tgt Ion:240 Resp: 9253
Ion Ratio Lower Upper
240 100
120 15.3 8.6 12.8#
236 30.2 22.7 34.1

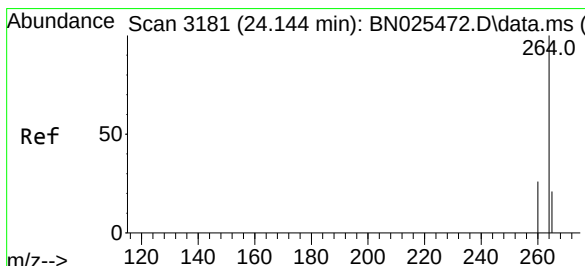
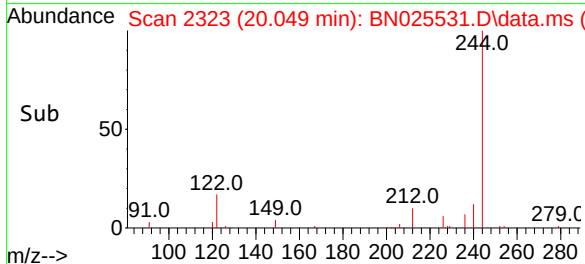
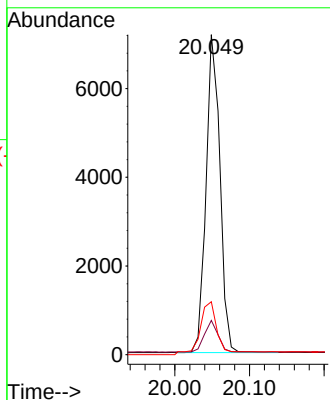
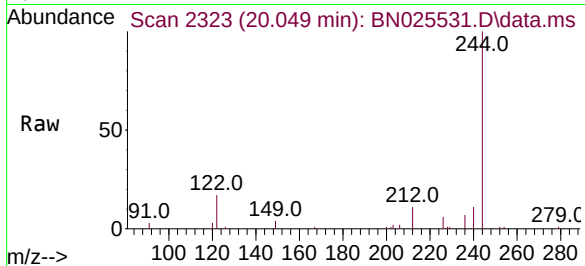




#31
 Terphenyl-d14
 Concen: 0.562 ng
 RT: 20.049 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN025531.D
 Acq: 20 May 2023 20:04

Instrument :
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 ClientSampleId :
 PB152912BL

Tgt Ion:244 Resp: 9251
 Ion Ratio Lower Upper
 244 100
 212 10.7 6.6 10.0#
 122 16.5 8.1 12.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.138 min Scan# 3179
 Delta R.T. 0.017 min
 Lab File: BN025531.D
 Acq: 20 May 2023 20:04

Tgt Ion:264 Resp: 3239
 Ion Ratio Lower Upper
 264 100
 260 32.1 21.2 31.8#
 265 117.5 27.1 40.7#

