

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
 Data File : BN029831.D
 Acq On : 16 Feb 2024 17:48
 Operator : MA/JU
 Sample : PB158968BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB158968BL

Quant Time: Feb 16 23:57:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	4088	0.400	ng	0.00
7) Naphthalene-d8	10.669	136	10332	0.400	ng	0.00
13) Acenaphthene-d10	14.511	164	4625	0.400	ng	0.00
19) Phenanthrene-d10	17.268	188	8717	0.400	ng	0.01
29) Chrysene-d12	21.465	240	7500	0.400	ng	0.00
35) Perylene-d12	23.838	264	7672	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	4556	0.464	ng	0.00
5) Phenol-d6	7.045	99	4720	0.417	ng	0.00
8) Nitrobenzene-d5	9.035	82	3853	0.448	ng	0.00
11) 2-Methylnaphthalene-d10	12.261	152	5819	0.414	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	683	0.460	ng	0.02
15) 2-Fluorobiphenyl	13.143	172	8446	0.425	ng	0.01
27) Fluoranthene-d10	19.303	212	9670	0.458	ng	0.00
31) Terphenyl-d14	19.907	244	7778	0.418	ng	0.00

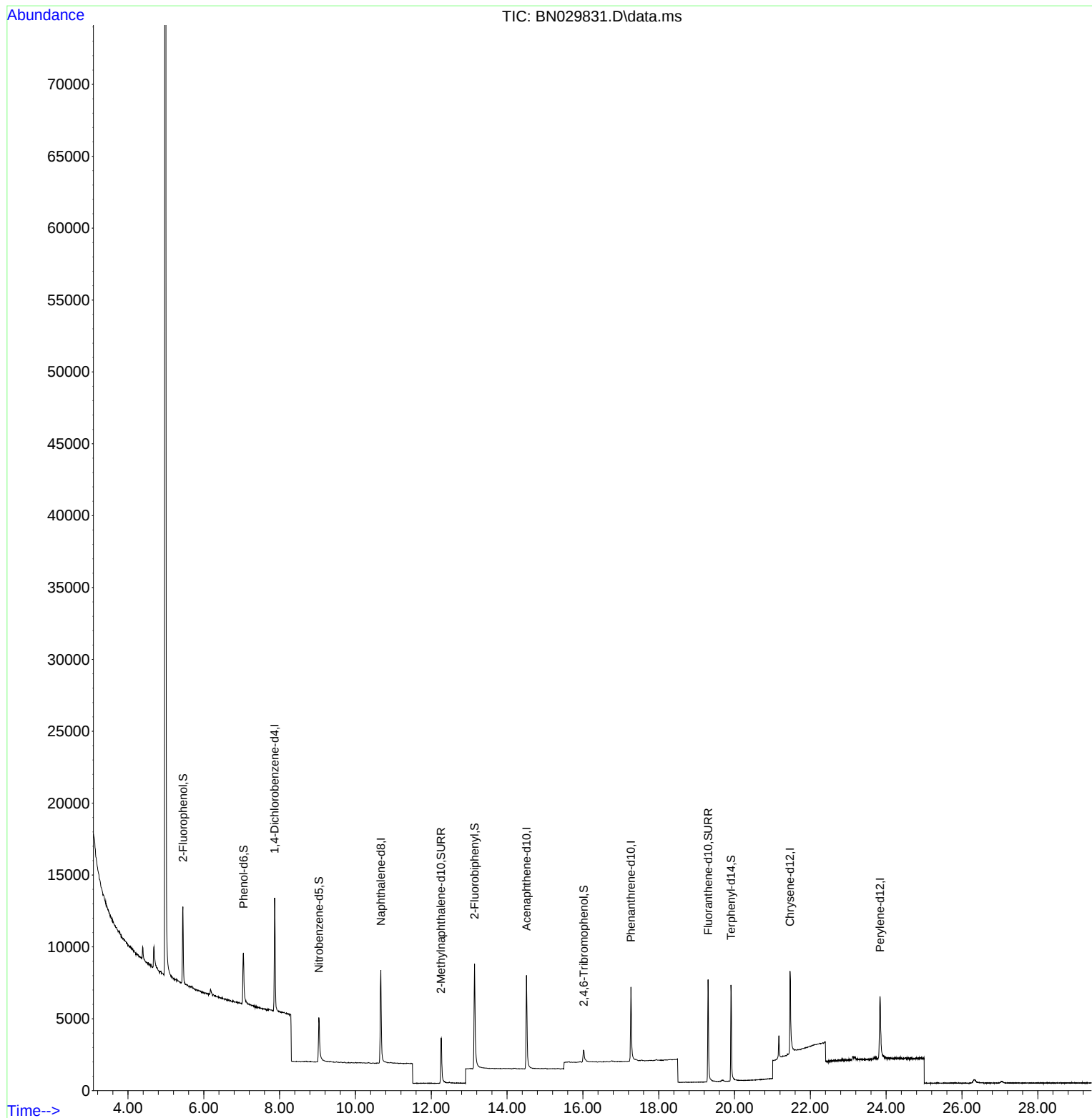
Target Compounds Qvalue

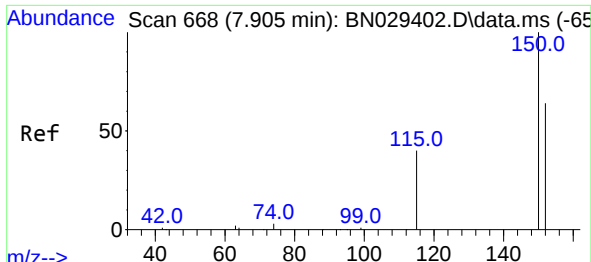
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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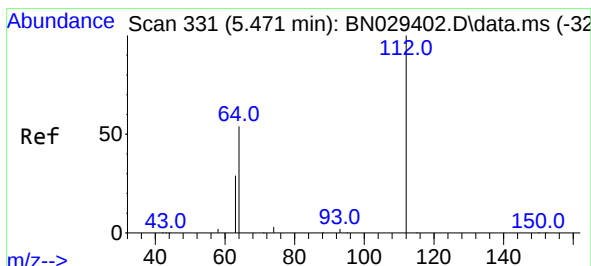
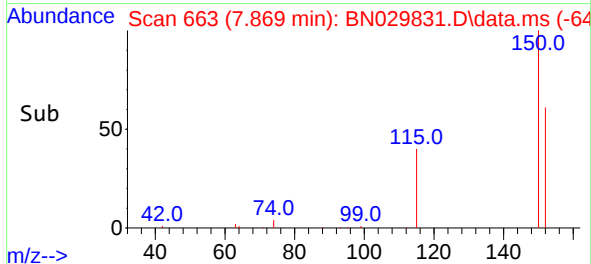
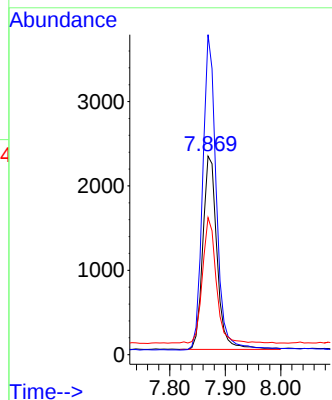
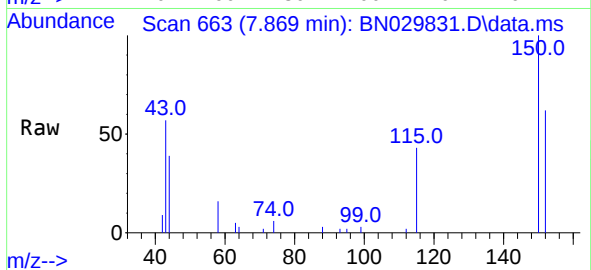




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN029831.D
Acq: 16 Feb 2024 17:48

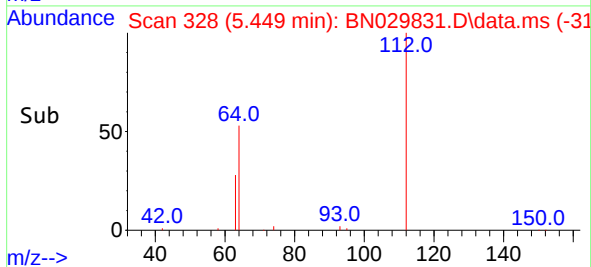
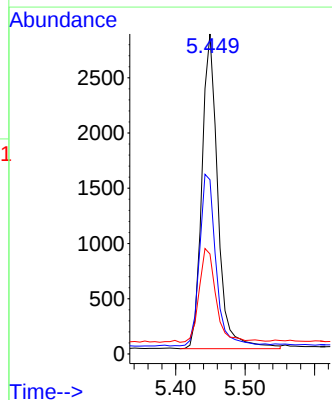
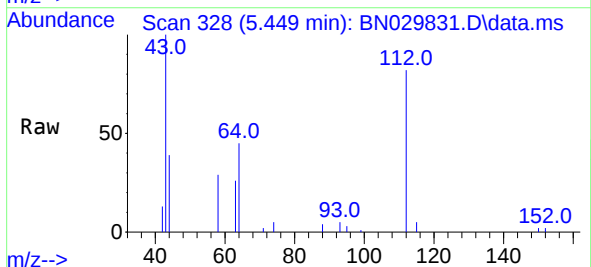
Instrument :
BNA_N
ClientSampleId :
PB158968BL

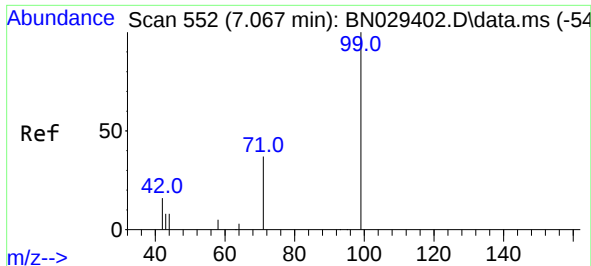
Tgt Ion:152 Resp: 4088
Ion Ratio Lower Upper
152 100
150 161.1 123.0 184.4
115 69.0 51.4 77.0



#4
2-Fluorophenol
Concen: 0.464 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN029831.D
Acq: 16 Feb 2024 17:48

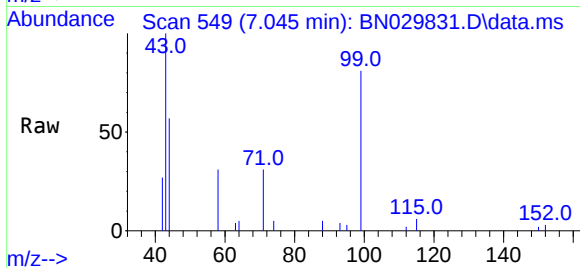
Tgt Ion:112 Resp: 4556
Ion Ratio Lower Upper
112 100
64 55.7 47.2 70.8
63 31.2 25.8 38.6



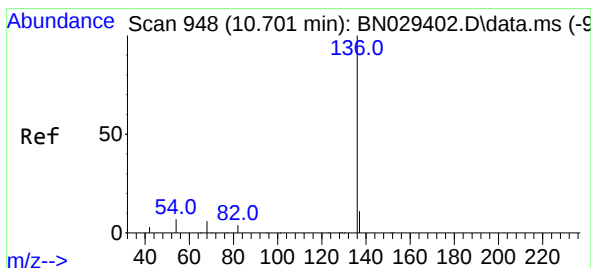
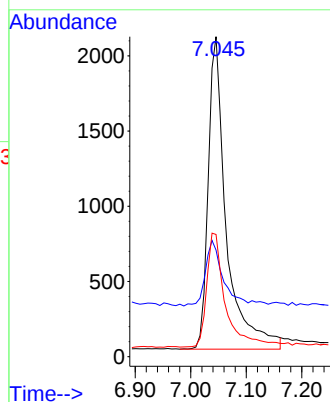
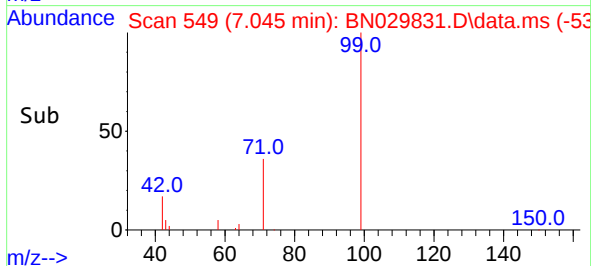


#5
Phenol-d6
Concen: 0.417 ng
RT: 7.045 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN029831.D
Acq: 16 Feb 2024 17:48

Instrument :
BNA_N
ClientSampleId :
PB158968BL

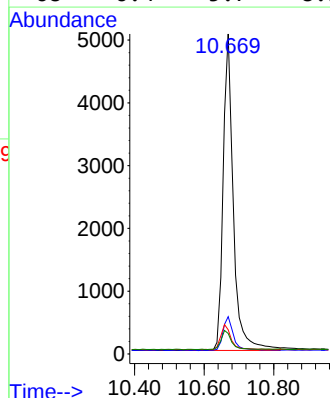
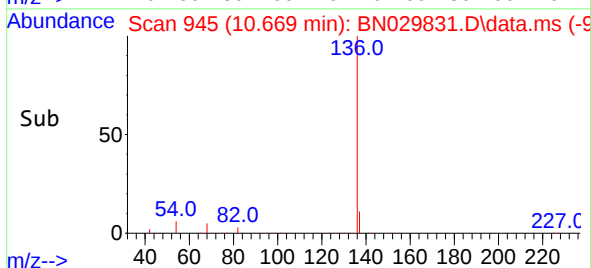
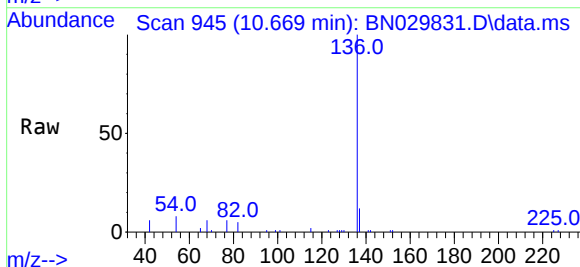


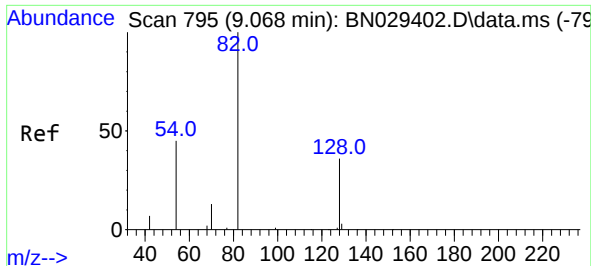
Tgt Ion:	99	Resp:	4720
Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.9	25.3
71	37.8	30.0	45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.669 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN029831.D
Acq: 16 Feb 2024 17:48

Tgt Ion:	136	Resp:	10332
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	7.5	6.6	10.0
68	6.4	5.7	8.5

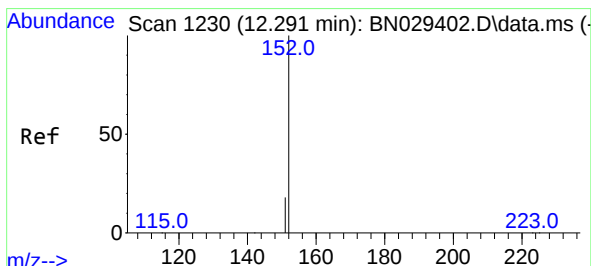
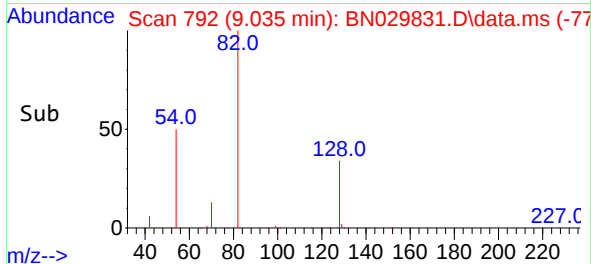
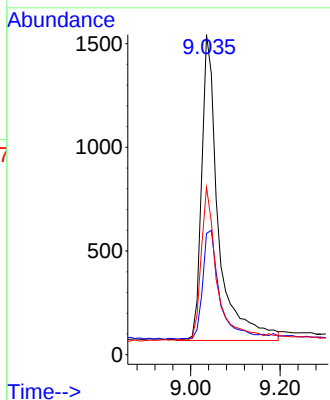
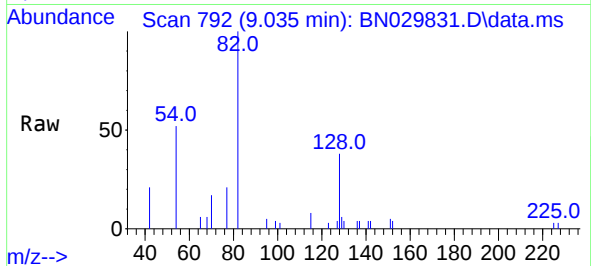




#8
Nitrobenzene-d5
Concen: 0.448 ng
RT: 9.035 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN029831.D
Acq: 16 Feb 2024 17:48

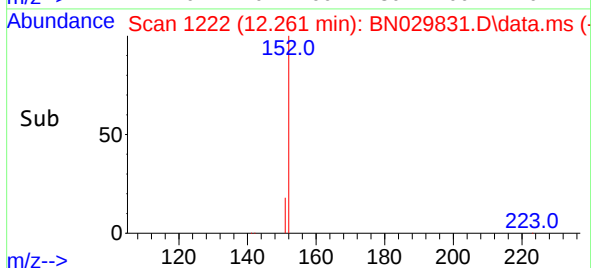
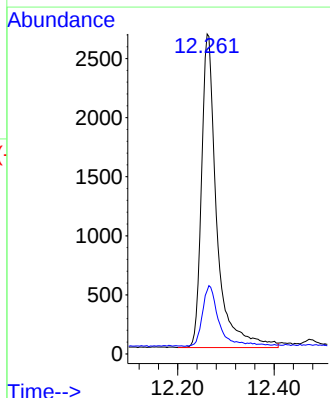
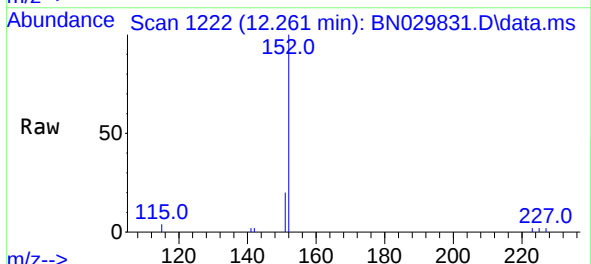
Instrument :
BNA_N
ClientSampleId :
PB158968BL

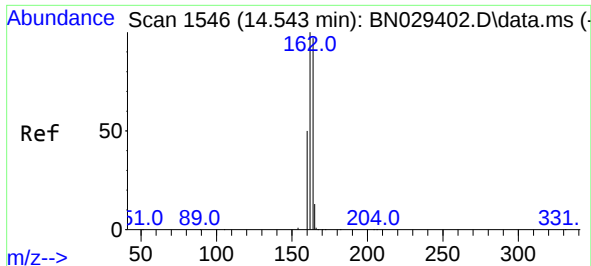
Tgt Ion: 82 Resp: 3853
Ion Ratio Lower Upper
82 100
128 37.9 31.6 47.4
54 52.3 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.261 min Scan# 1222
Delta R.T. 0.004 min
Lab File: BN029831.D
Acq: 16 Feb 2024 17:48

Tgt Ion: 152 Resp: 5819
Ion Ratio Lower Upper
152 100
151 20.0 17.1 25.7

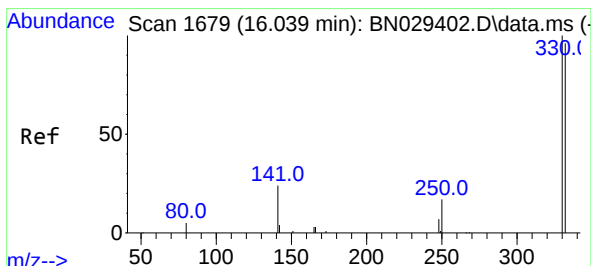
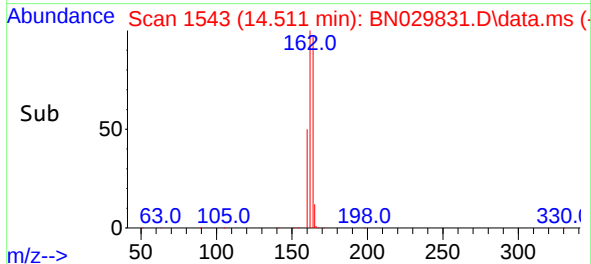
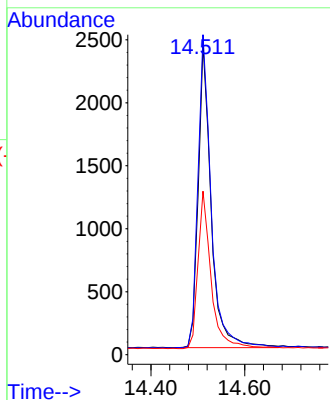
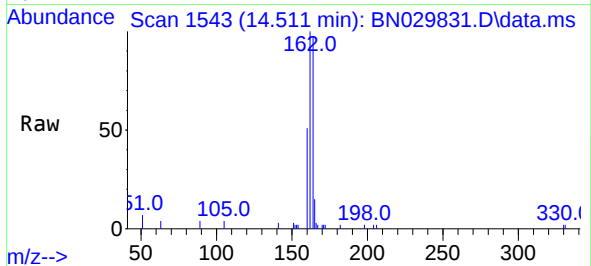




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.511 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BN029831.D
Acq: 16 Feb 2024 17:48

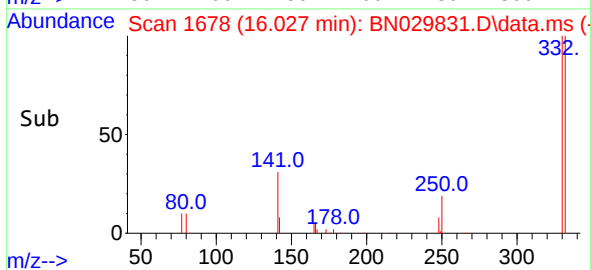
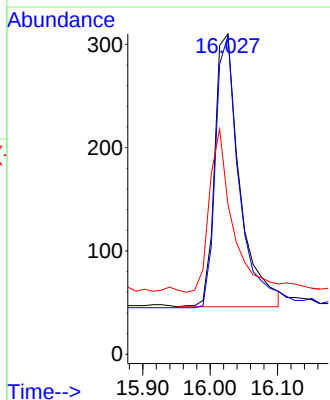
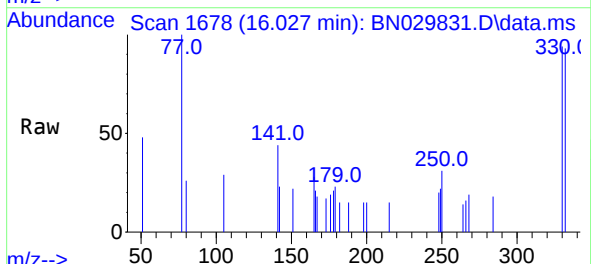
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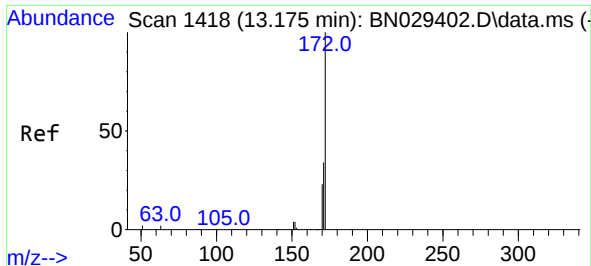
Tgt Ion:164 Resp: 4625
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 52.8 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.460 ng
RT: 16.027 min Scan# 1678
Delta R.T. 0.025 min
Lab File: BN029831.D
Acq: 16 Feb 2024 17:48

Tgt Ion:330 Resp: 683
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 55.3 43.4 65.2

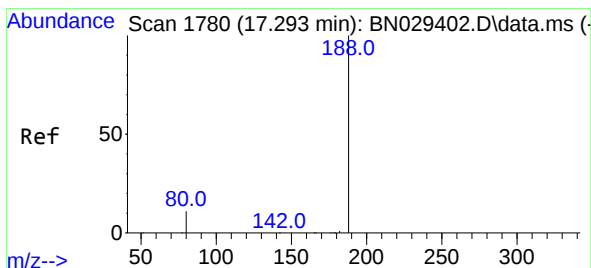
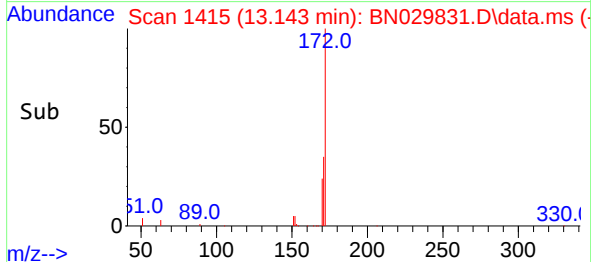
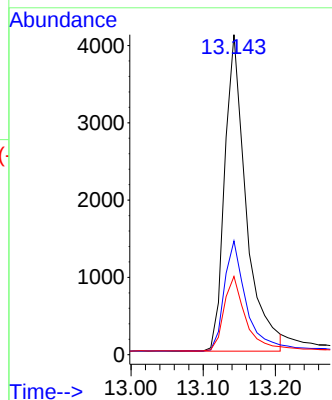
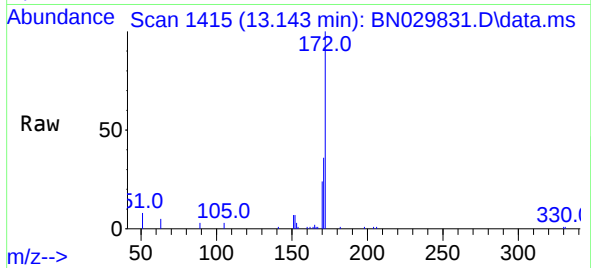




#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.143 min Scan# 1418
Delta R.T. 0.011 min
Lab File: BN029831.D
Acq: 16 Feb 2024 17:48

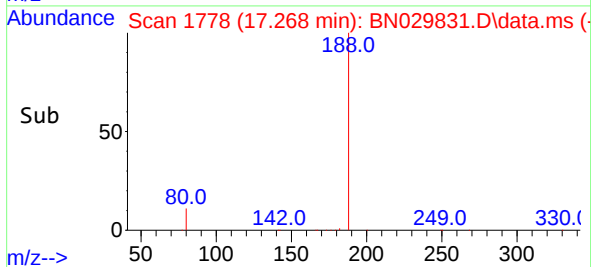
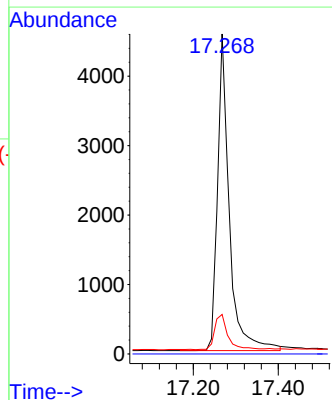
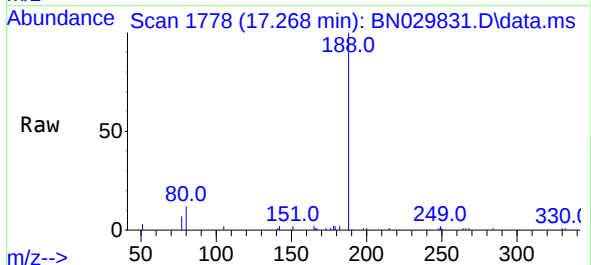
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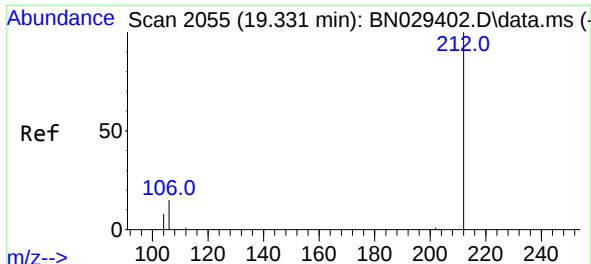
Tgt Ion:172 Resp: 8446
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 24.4 18.7 28.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.268 min Scan# 1778
Delta R.T. 0.012 min
Lab File: BN029831.D
Acq: 16 Feb 2024 17:48

Tgt Ion:188 Resp: 8717
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 10.0 15.0

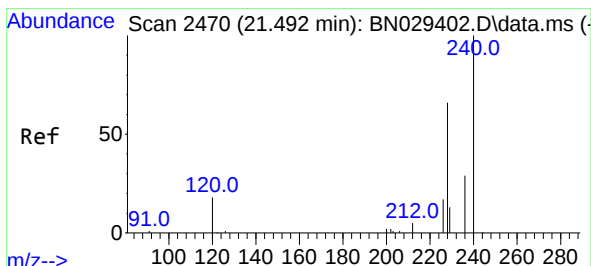
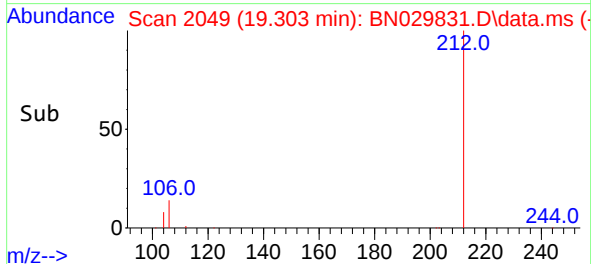
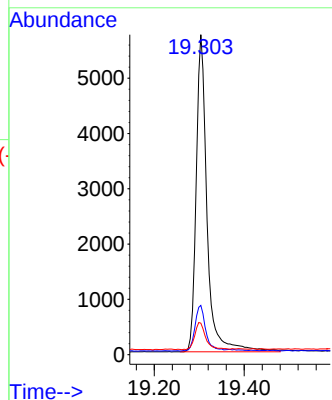
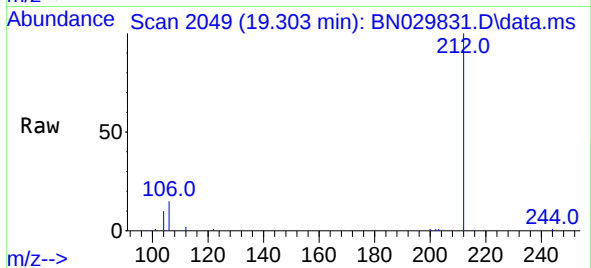




#27
Fluoranthene-d10
Concen: 0.458 ng
RT: 19.303 min Scan# 2049
Delta R.T. 0.005 min
Lab File: BN029831.D
Acq: 16 Feb 2024 17:48

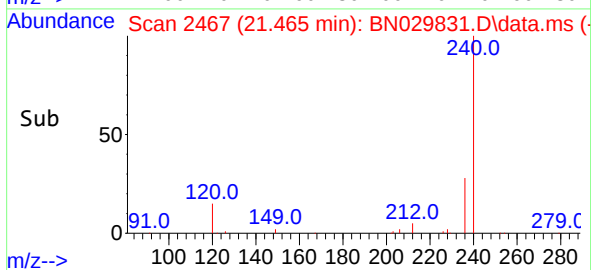
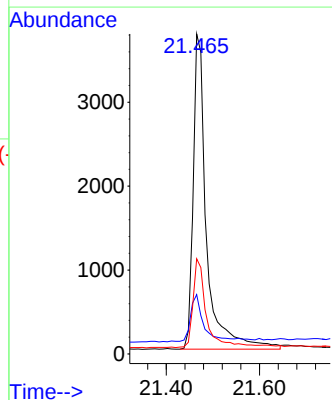
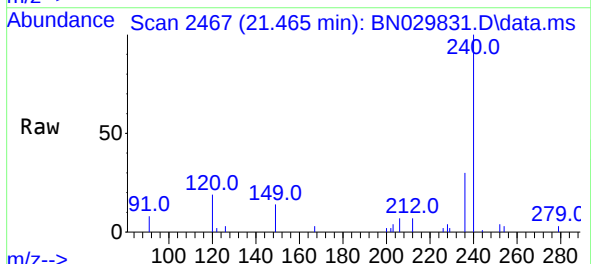
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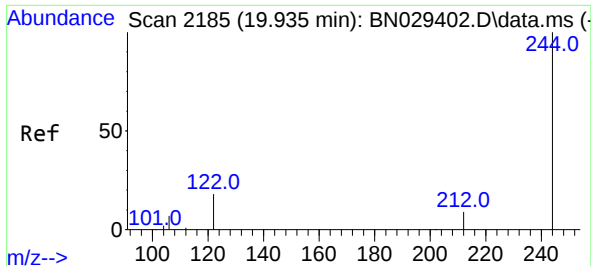
Tgt Ion:212 Resp: 9670
Ion Ratio Lower Upper
212 100
106 14.1 13.2 19.8
104 8.7 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 2467
Delta R.T. -0.000 min
Lab File: BN029831.D
Acq: 16 Feb 2024 17:48

Tgt Ion:240 Resp: 7500
Ion Ratio Lower Upper
240 100
120 18.6 16.7 25.1
236 29.8 23.9 35.9

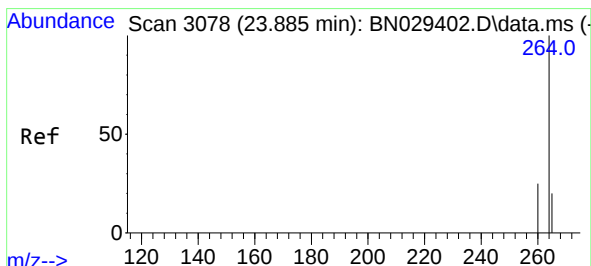
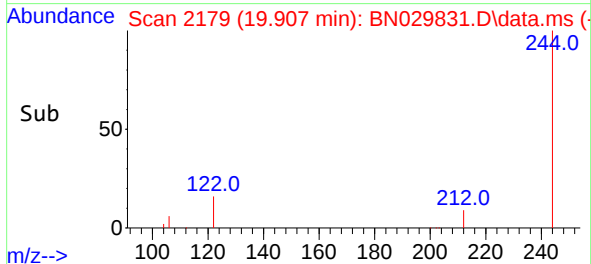
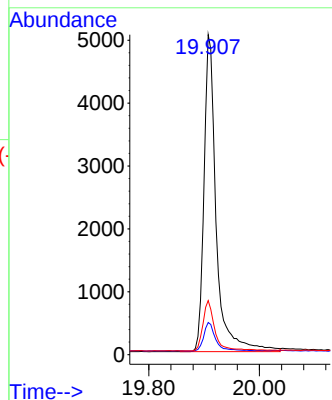
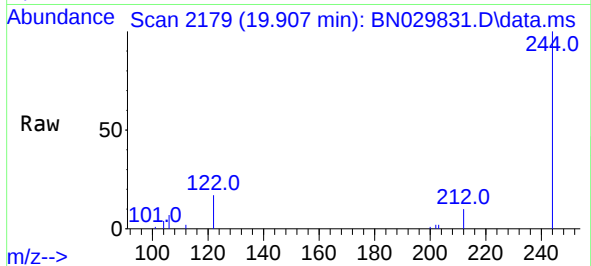




#31
 Terphenyl-d14
 Concen: 0.418 ng
 RT: 19.907 min Scan# 2185
 Delta R.T. -0.000 min
 Lab File: BN029831.D
 Acq: 16 Feb 2024 17:48

Instrument :
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 PB158968BL

Tgt Ion:244 Resp: 7778
 Ion Ratio Lower Upper
 244 100
 212 10.0 8.2 12.4
 122 16.9 15.6 23.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.838 min Scan# 3062
 Delta R.T. 0.006 min
 Lab File: BN029831.D
 Acq: 16 Feb 2024 17:48

Tgt Ion:264 Resp: 7672
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.2 31.8
 265 60.0 41.5 62.3

