

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
 Data File : BN028251.D
 Acq On : 12 Oct 2023 02:51
 Operator : MA/JU
 Sample : PB156246BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156246BL

Quant Time: Oct 12 04:09:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 04:03:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	2153	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	7098	0.400	ng	# 0.01
13) Acenaphthene-d10	14.566	164	4431	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	10612	0.400	ng	0.01
29) Chrysene-d12	21.524	240	10763	0.400	ng	0.00
35) Perylene-d12	23.990	264	7481	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	3008	0.468	ng	0.00
5) Phenol-d6	7.105	99	3249	0.401	ng	0.01
8) Nitrobenzene-d5	9.144	82	2338	0.387	ng	0.02
11) 2-Methylnaphthalene-d10	12.339	152	4511	0.429	ng	0.01
14) 2,4,6-Tribromophenol	16.090	330	825	0.407	ng	0.01
15) 2-Fluorobiphenyl	13.197	172	6136	0.384	ng	0.01
27) Fluoranthene-d10	19.360	212	12727	0.478	ng	0.00
31) Terphenyl-d14	19.946	244	10864	0.433	ng	0.00

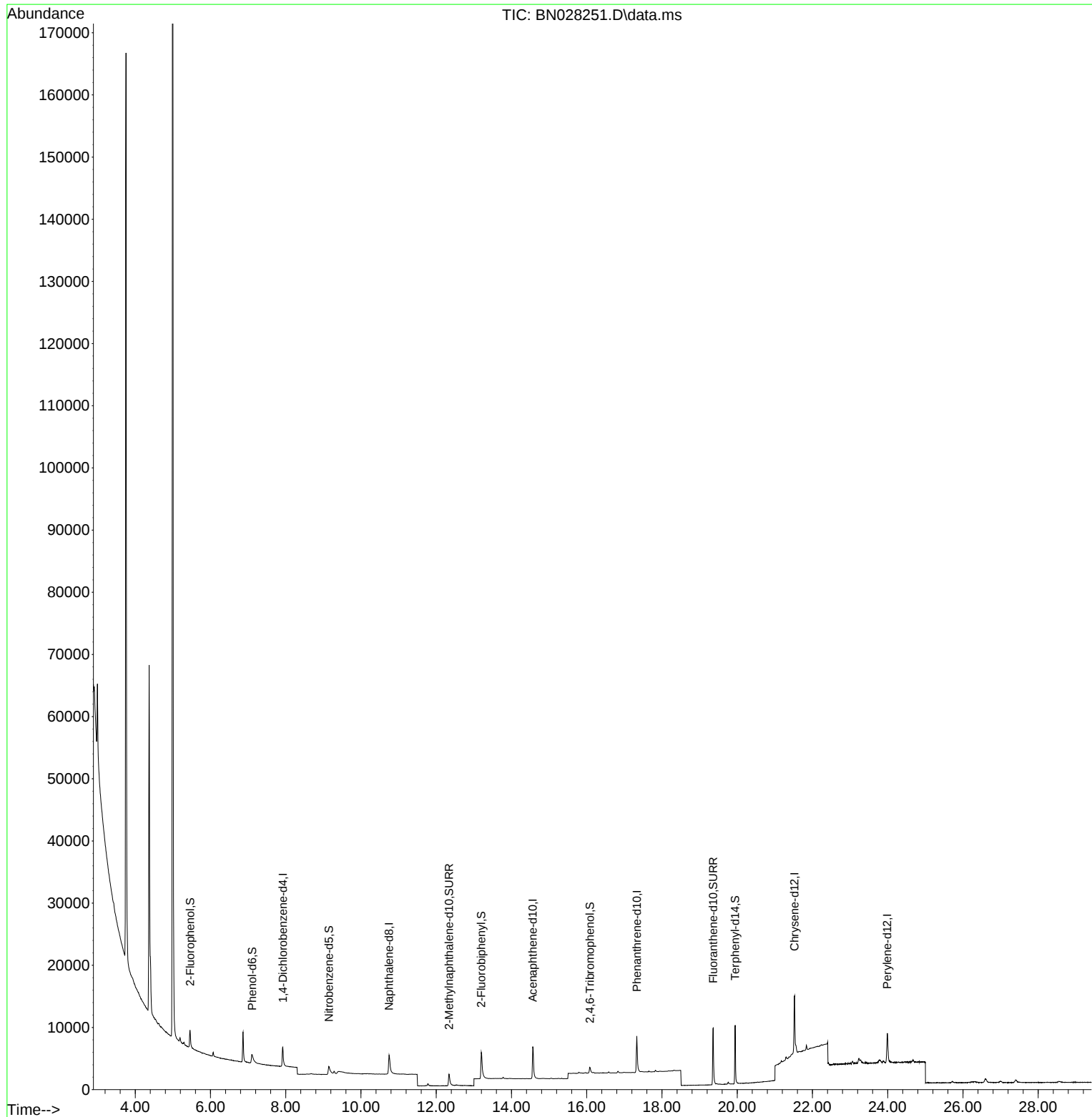
Target Compounds Qvalue

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

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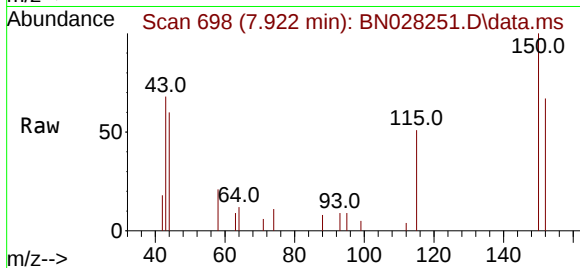
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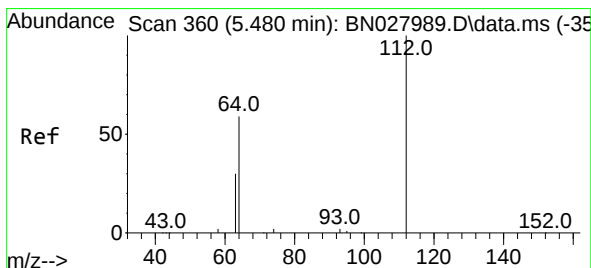
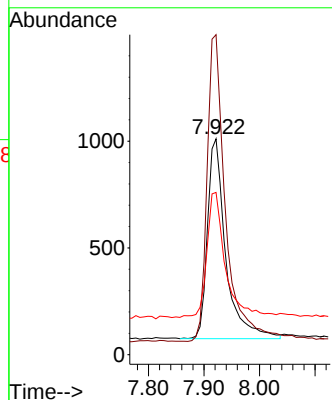
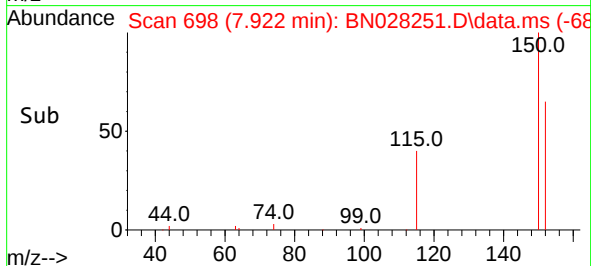


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

Instrument :
BNA_N
ClientSampleId :
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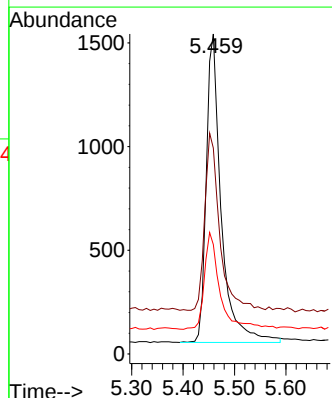
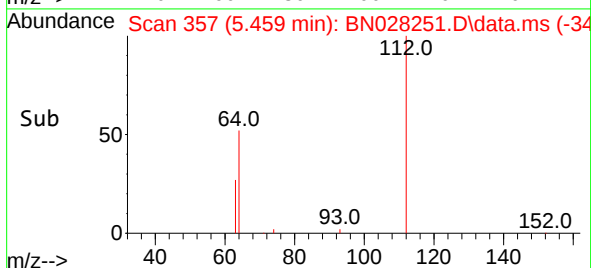
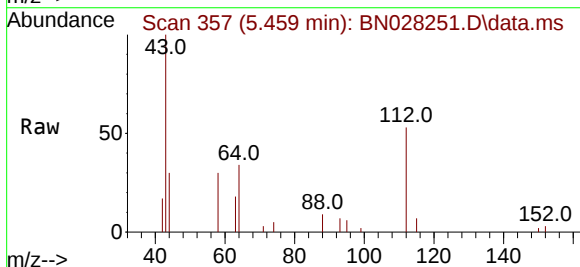


Tgt Ion:152 Resp: 2153
Ion Ratio Lower Upper
152 100
150 148.3 125.6 188.4
115 75.2 54.8 82.2



#4
2-Fluorophenol
Concen: 0.468 ng
RT: 5.459 min Scan# 357
Delta R.T. -0.007 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

Tgt Ion:112 Resp: 3008
Ion Ratio Lower Upper
112 100
64 57.0 45.0 67.6
63 32.9 23.4 35.0

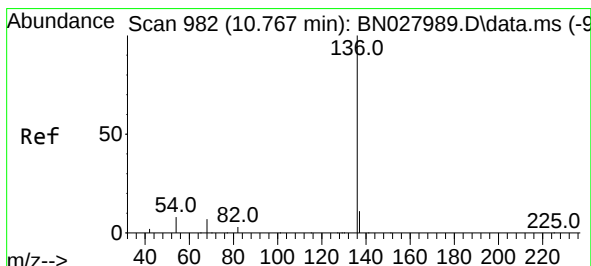
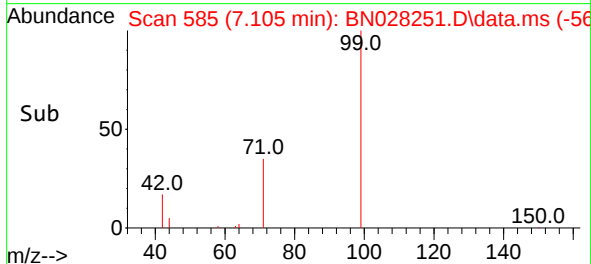
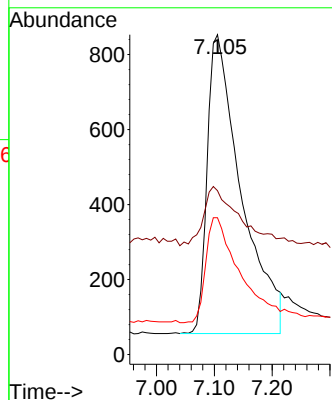
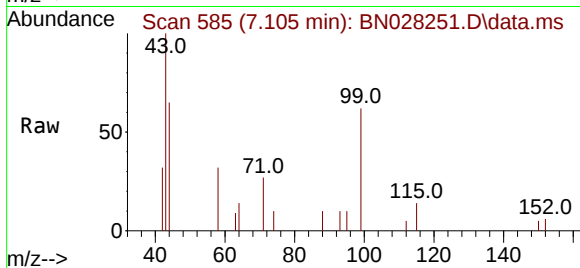




#5
Phenol-d6
Concen: 0.401 ng
RT: 7.105 min Scan# 585
Delta R.T. 0.014 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

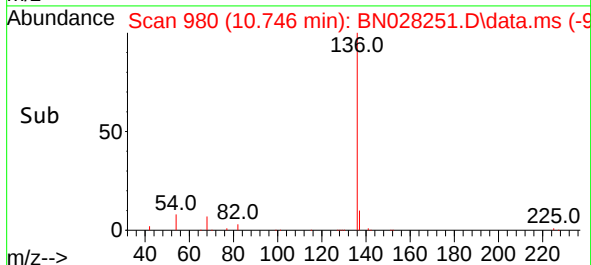
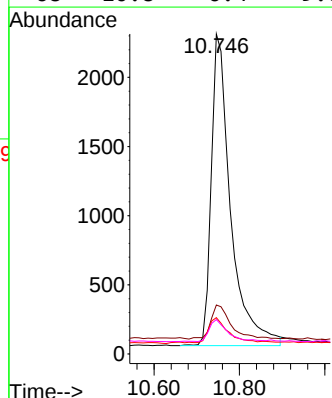
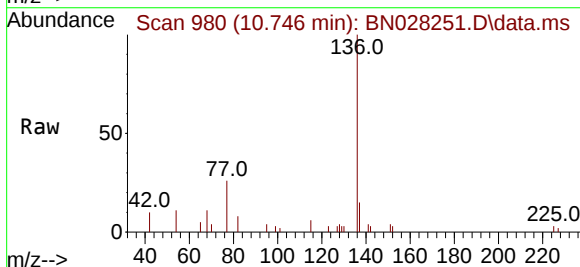
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ClientSampleId :
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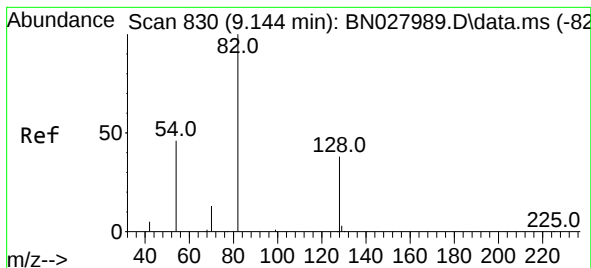
Tgt Ion: 99 Resp: 3249
Ion Ratio Lower Upper
99 100
42 20.4 14.6 22.0
71 35.3 28.3 42.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.011 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

Tgt Ion: 136 Resp: 7098
Ion Ratio Lower Upper
136 100
137 15.3 9.4 14.0#
54 11.4 7.0 10.6#
68 10.8 6.4 9.6#





#8

Nitrobenzene-d5

Concen: 0.387 ng

RT: 9.144 min Scan# 81

Delta R.T. 0.021 min

Lab File: BN028251.D

Acq: 12 Oct 2023 02:51

Instrument :

BNA_N

ClientSampleId :

PB156246BL

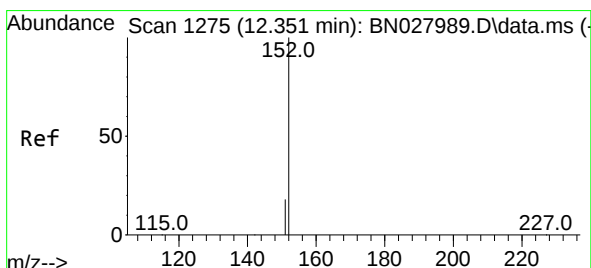
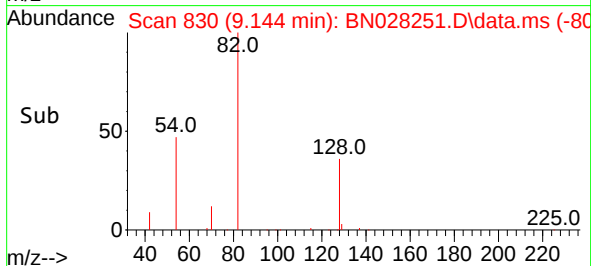
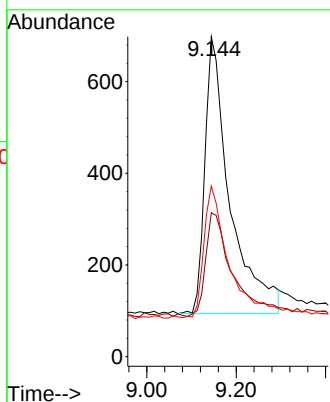
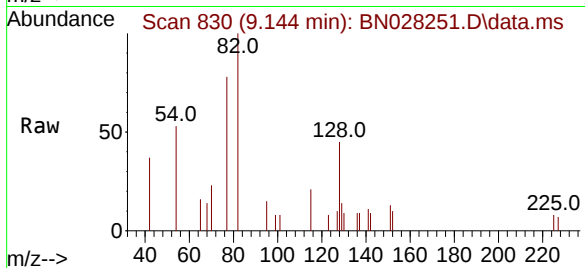
Tgt Ion: 82 Resp: 2338

Ion Ratio Lower Upper

82 100

128 45.0 32.7 49.1

54 53.3 38.7 58.1



#11

2-Methylnaphthalene-d10

Concen: 0.429 ng

RT: 12.339 min Scan# 1272

Delta R.T. 0.015 min

Lab File: BN028251.D

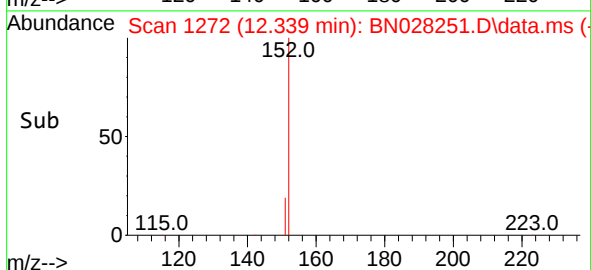
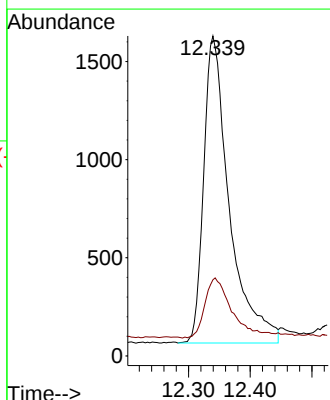
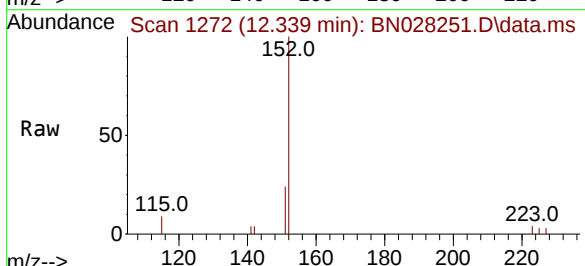
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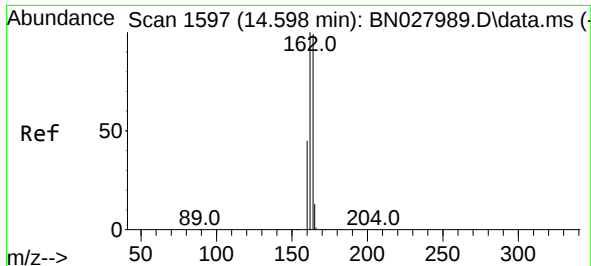
Tgt Ion: 152 Resp: 4511

Ion Ratio Lower Upper

152 100

151 20.3 16.5 24.7

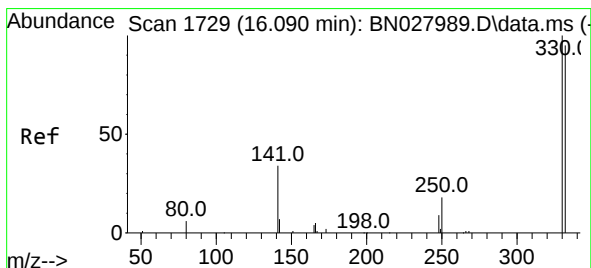
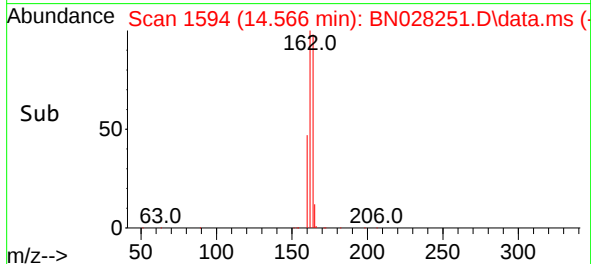
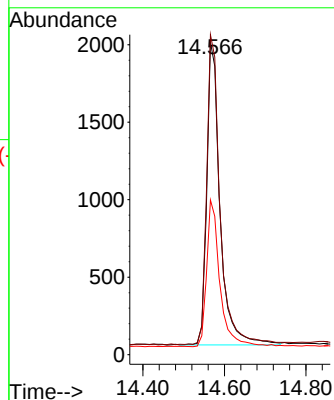
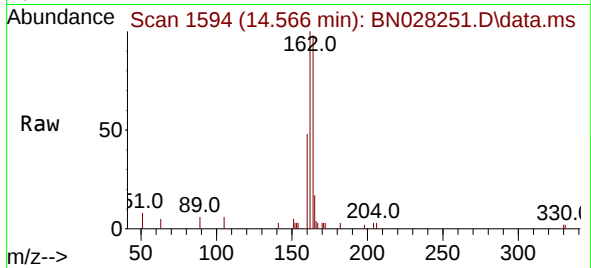




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

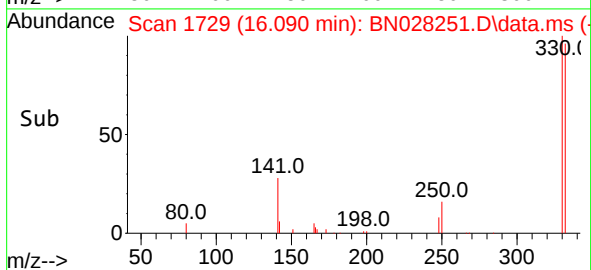
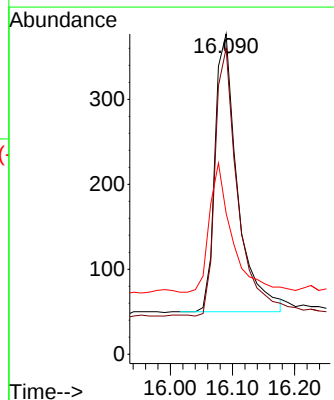
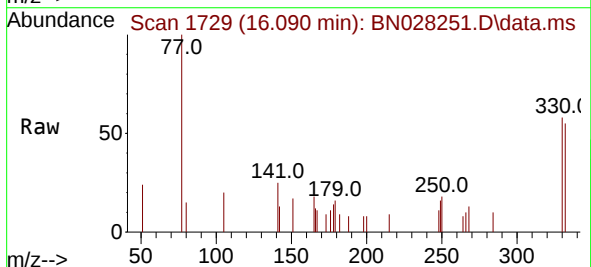
Instrument :
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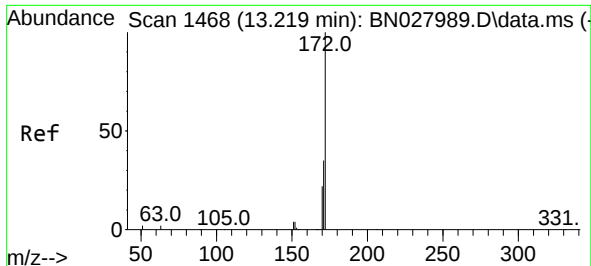
Tgt Ion:164 Resp: 4431
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 49.5 36.4 54.6



#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 16.090 min Scan# 1729
Delta R.T. 0.012 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

Tgt Ion:330 Resp: 825
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 45.5 33.4 50.2

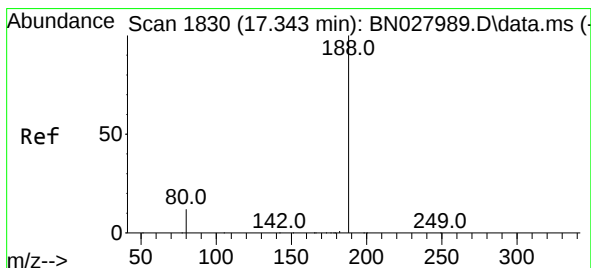
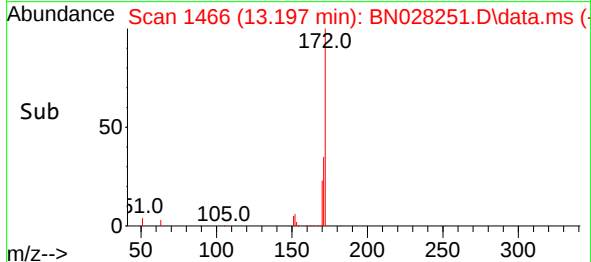
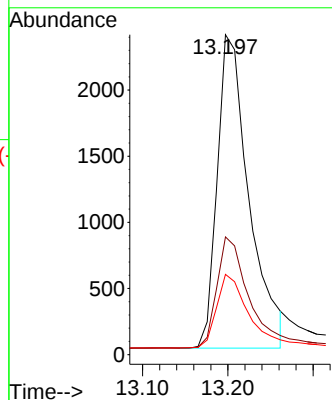
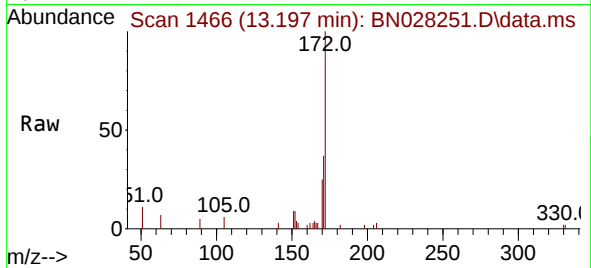




#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.197 min Scan# 1466
Delta R.T. 0.011 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

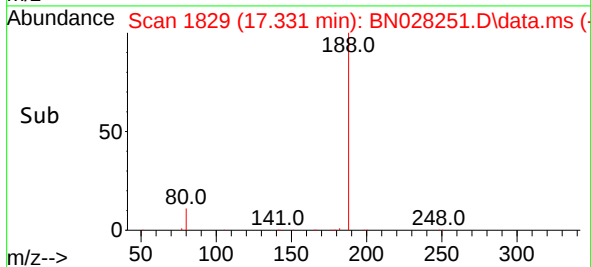
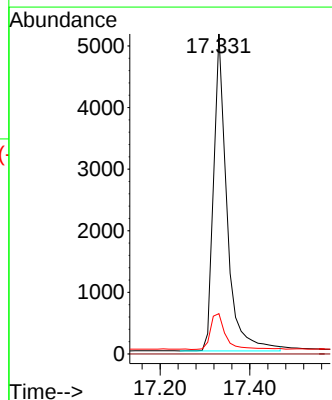
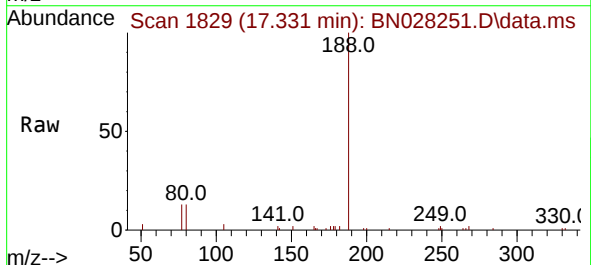
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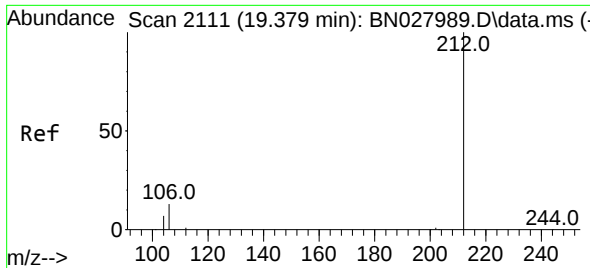
Tgt Ion:172 Resp: 6136
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 25.1 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.331 min Scan# 1829
Delta R.T. 0.012 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

Tgt Ion:188 Resp: 10612
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 10.2 15.4

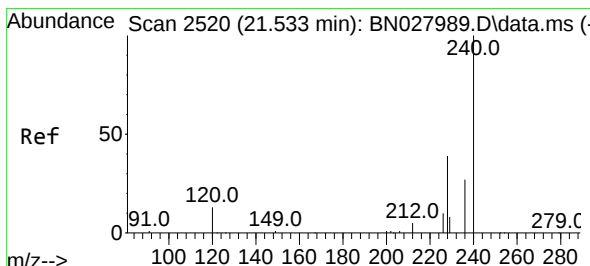
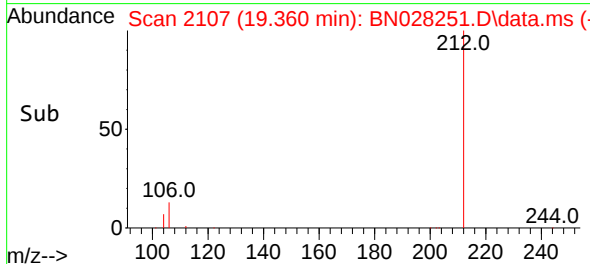
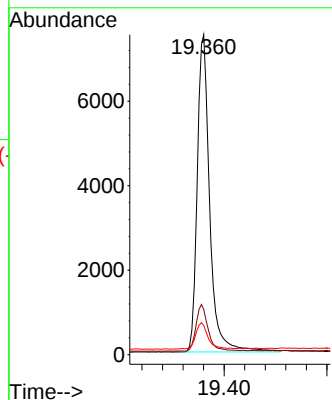
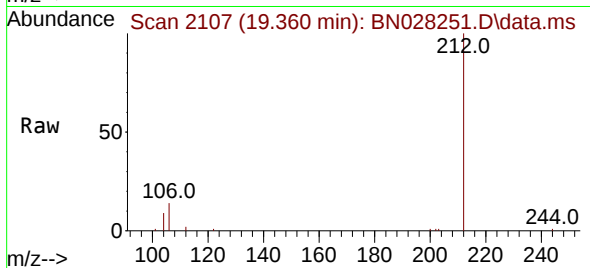




#27
Fluoranthene-d10
Concen: 0.478 ng
RT: 19.360 min Scan# 2111
Delta R.T. 0.005 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

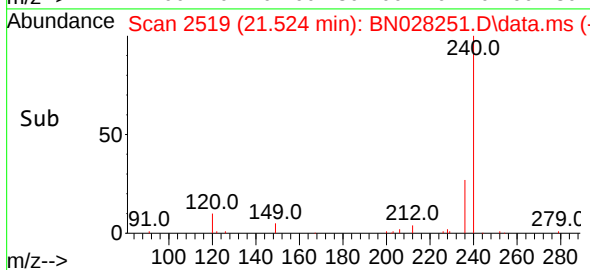
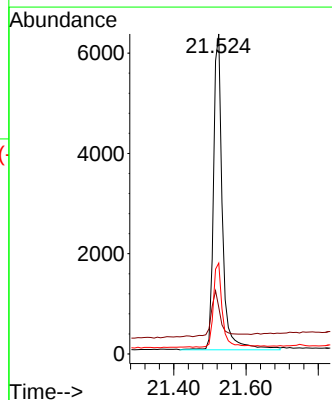
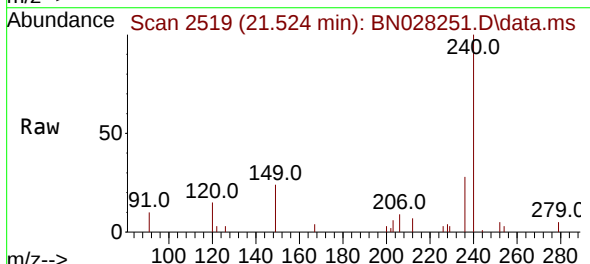
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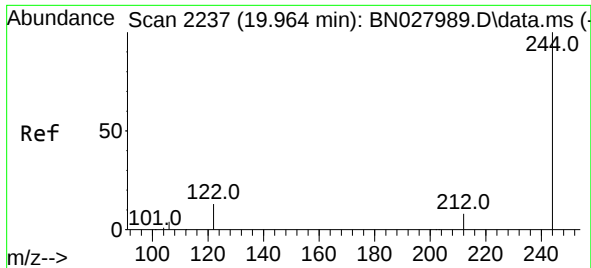
Tgt Ion:212 Resp: 12727
Ion Ratio Lower Upper
212 100
106 14.3 11.3 16.9
104 8.2 6.4 9.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.009 min
Lab File: BN028251.D
Acq: 12 Oct 2023 02:51

Tgt Ion:240 Resp: 10763
Ion Ratio Lower Upper
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120 14.6 13.8 20.6
236 28.4 22.6 33.8

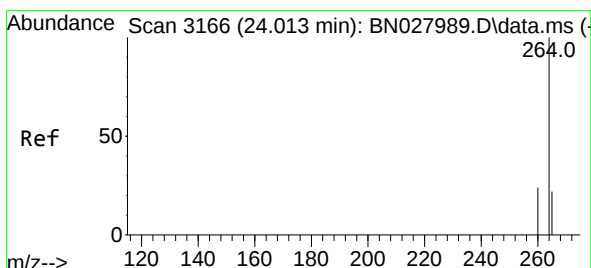
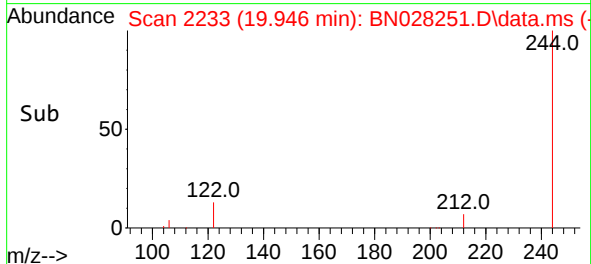
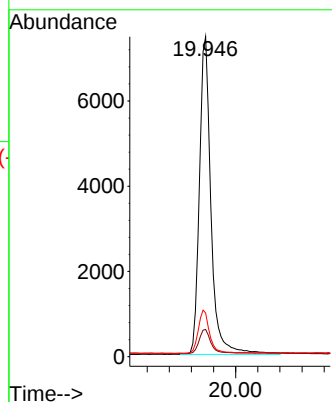
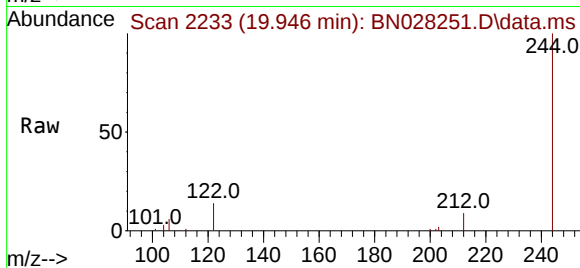




#31
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 19.946 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN028251.D
 Acq: 12 Oct 2023 02:51

Instrument :
 BNA_N
 ClientSampleId :
 PB156246BL

Tgt Ion:244 Resp: 10864
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 9.8
 122 13.7 11.4 17.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.990 min Scan# 3158
 Delta R.T. 0.014 min
 Lab File: BN028251.D
 Acq: 12 Oct 2023 02:51

Tgt Ion:264 Resp: 7481
 Ion Ratio Lower Upper
 264 100
 260 28.1 20.2 30.4
 265 89.8 54.8 82.2#

