

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
 Data File : BN029139.D
 Acq On : 20 Dec 2023 17:49
 Operator : MA/JU
 Sample : PB157548BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157548BL

Quant Time: Dec 21 01:09:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	933	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	1692	0.400	ng	0.00
13) Acenaphthene-d10	14.425	164	822	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1411	0.400	ng	0.00
29) Chrysene-d12	21.384	240	733	0.400	ng	0.00
35) Perylene-d12	23.709	264	866	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	651	0.291	ng	0.00
5) Phenol-d6	7.002	99	652	0.266	ng	0.00
8) Nitrobenzene-d5	8.971	82	645	0.293	ng	0.01
11) 2-Methylnaphthalene-d10	12.170	152	744	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.927	330	150	0.209	ng	0.00
15) 2-Fluorobiphenyl	13.057	172	1347	0.281	ng	0.00
27) Fluoranthene-d10	19.220	212	991	0.290	ng	0.00
31) Terphenyl-d14	19.828	244	697	0.346	ng	0.00

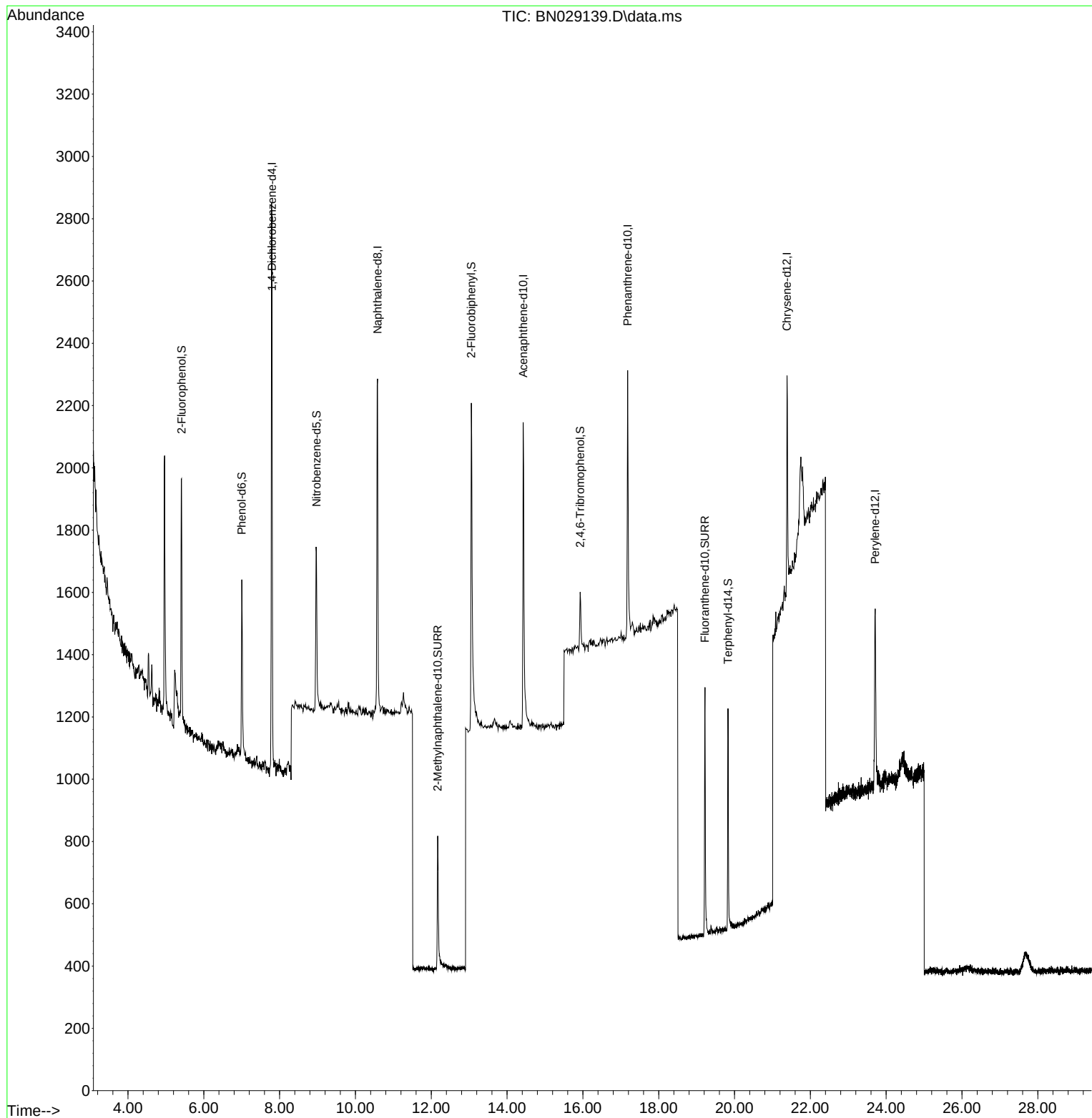
Target Compounds Qvalue

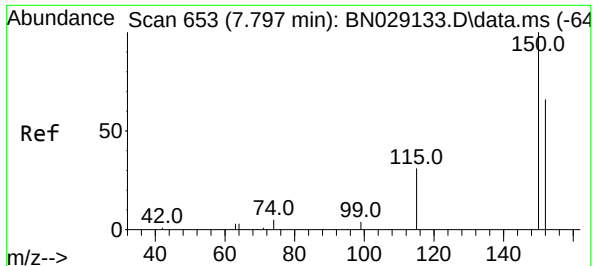
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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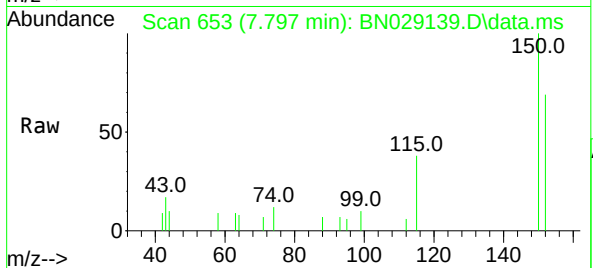
Quant Time: Dec 21 01:09:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
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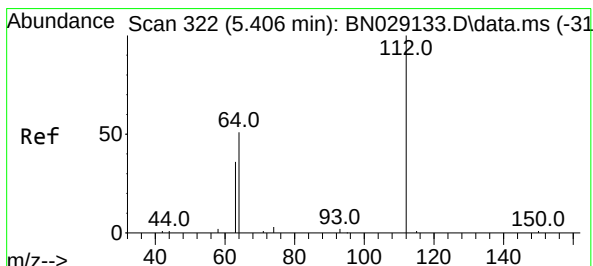
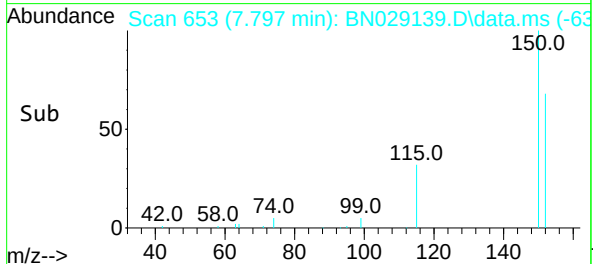
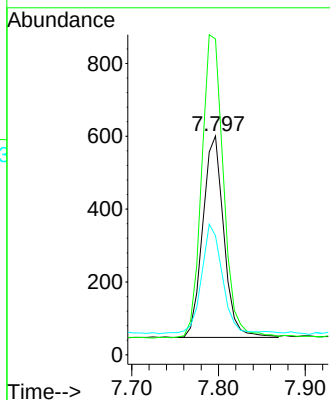
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.797 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN029139.D
Acq: 20 Dec 2023 17:49

Instrument :
BNA_N
ClientSampleId :
PB157548BL



Tgt Ion:152 Resp: 933

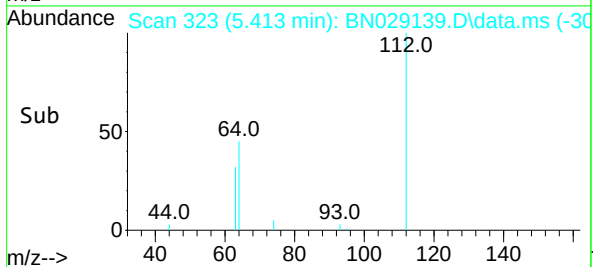
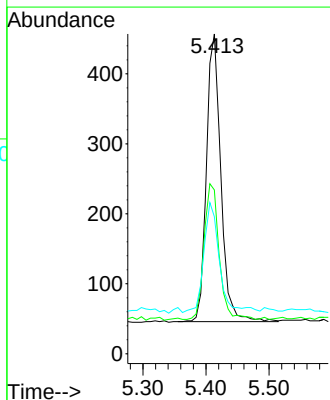
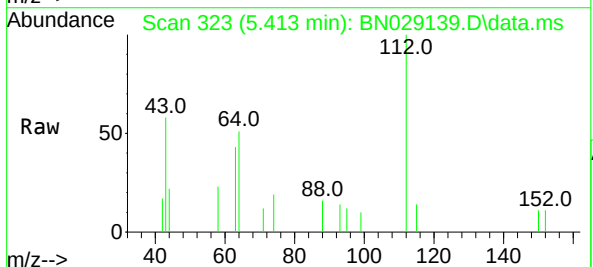
Ion	Ratio	Lower	Upper
152	100		
150	144.3	117.6	176.4
115	54.4	44.2	66.2

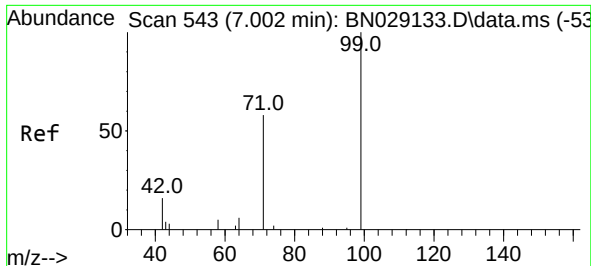


#4
2-Fluorophenol
Concen: 0.291 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.007 min
Lab File: BN029139.D
Acq: 20 Dec 2023 17:49

Tgt Ion:112 Resp: 651

Ion	Ratio	Lower	Upper
112	100		
64	49.3	38.6	58.0
63	41.8	30.0	45.0

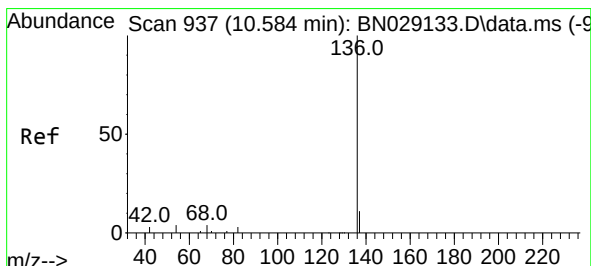
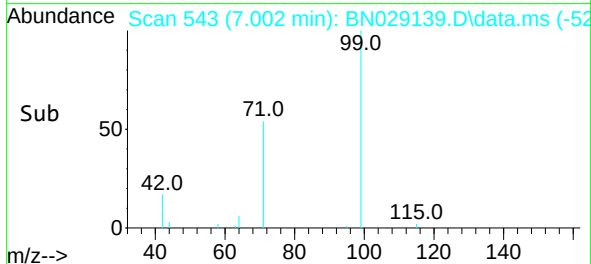
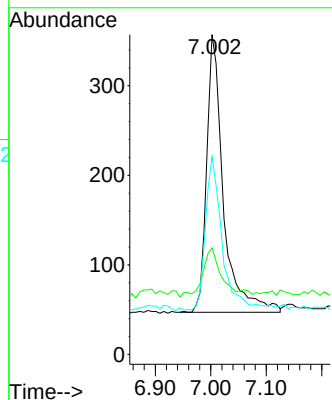
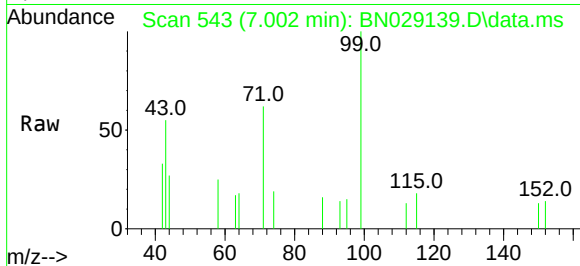




#5
Phenol-d6
Concen: 0.266 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN029139.D
Acq: 20 Dec 2023 17:49

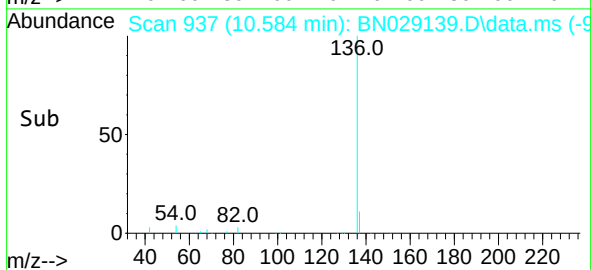
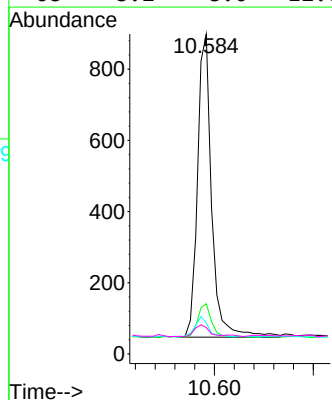
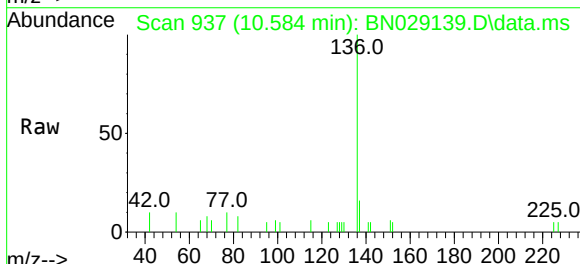
Instrument :
BNA_N
ClientSampleId :
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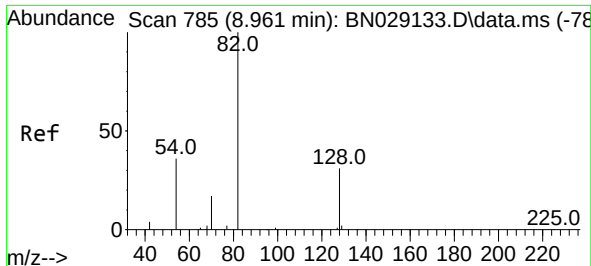
Tgt Ion: 99 Resp: 652
Ion Ratio Lower Upper
99 100
42 21.3 13.8 20.6#
71 55.1 45.4 68.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 937
Delta R.T. -0.000 min
Lab File: BN029139.D
Acq: 20 Dec 2023 17:49

Tgt Ion: 136 Resp: 1692
Ion Ratio Lower Upper
136 100
137 15.7 13.4 20.0
54 9.7 8.6 13.0
68 8.2 8.0 12.0

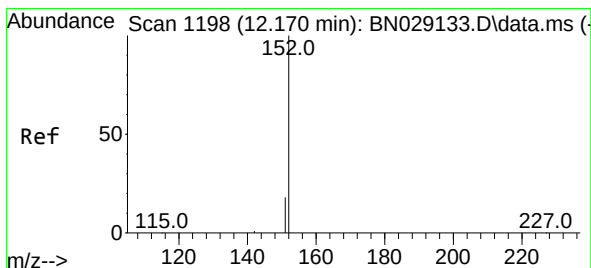
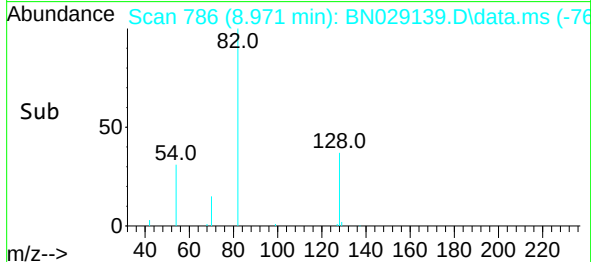
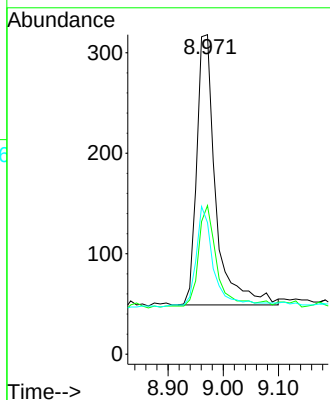
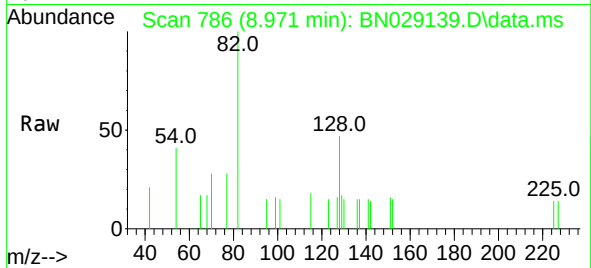




#8
Nitrobenzene-d5
Concen: 0.293 ng
RT: 8.971 min Scan# 785
Delta R.T. 0.010 min
Lab File: BN029139.D
Acq: 20 Dec 2023 17:49

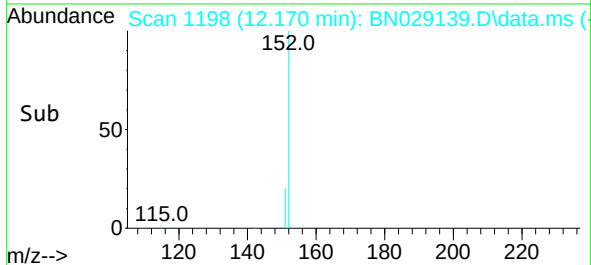
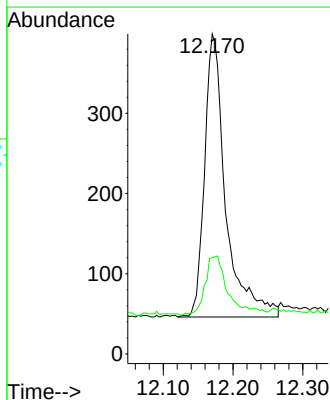
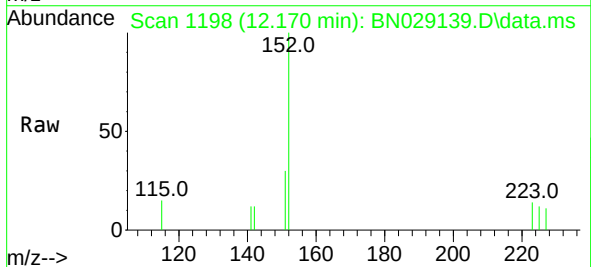
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BNA_N
ClientSampleId :
PB157548BL

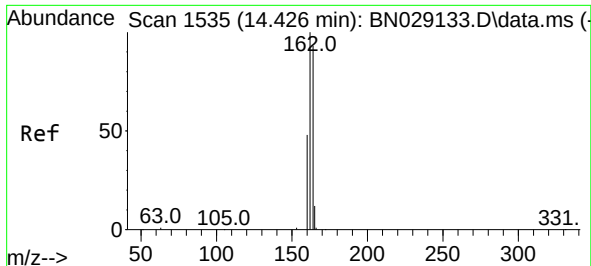
Tgt Ion: 82 Resp: 645
Ion Ratio Lower Upper
82 100
128 46.5 33.0 49.4
54 41.2 35.8 53.8



#11
2-Methylnaphthalene-d10
Concen: 0.290 ng
RT: 12.170 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN029139.D
Acq: 20 Dec 2023 17:49

Tgt Ion: 152 Resp: 744
Ion Ratio Lower Upper
152 100
151 23.1 17.4 26.2

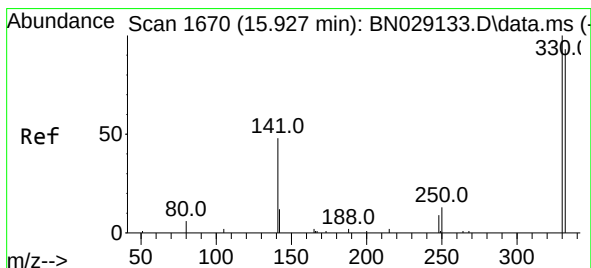
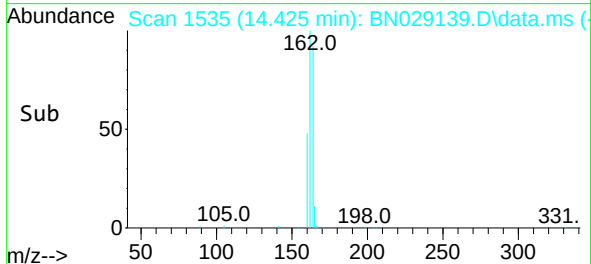
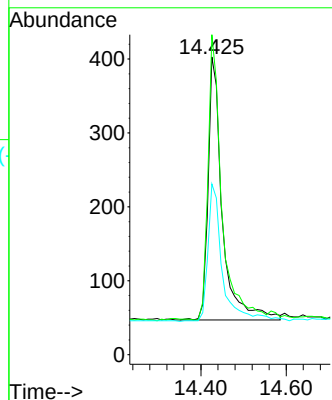
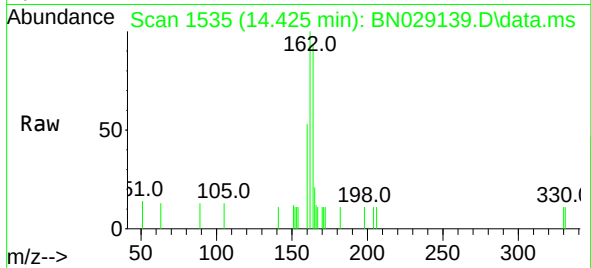




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.425 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN029139.D
Acq: 20 Dec 2023 17:49

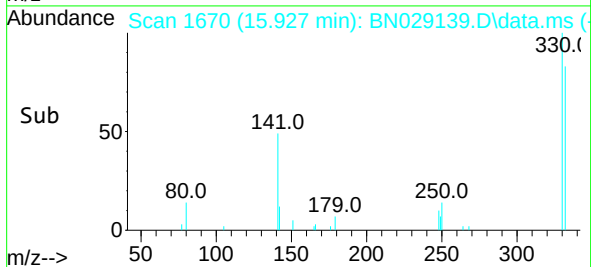
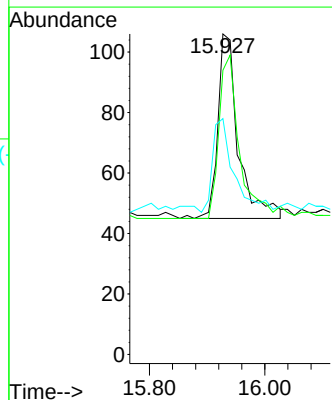
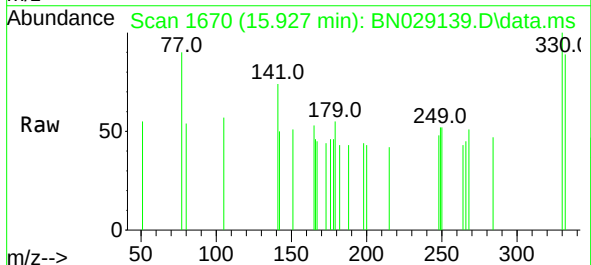
Instrument :
BNA_N
ClientSampleId :
PB157548BL

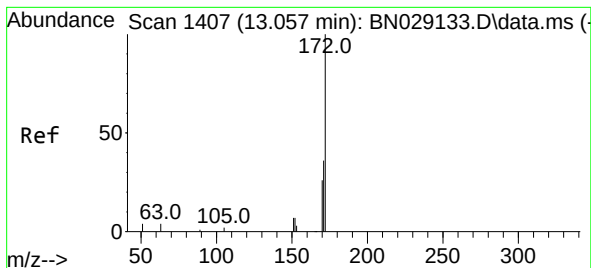
Tgt Ion:164 Resp: 822
Ion Ratio Lower Upper
164 100
162 107.4 85.0 127.4
160 57.3 45.8 68.8



#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 15.927 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BN029139.D
Acq: 20 Dec 2023 17:49

Tgt Ion:330 Resp: 150
Ion Ratio Lower Upper
330 100
332 88.0 83.4 125.0
141 53.3 43.8 65.8





#15

2-Fluorobiphenyl

Concen: 0.281 ng

RT: 13.057 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BN029139.D

Acq: 20 Dec 2023 17:49

Instrument :

BNA_N

ClientSampleId :

PB157548BL

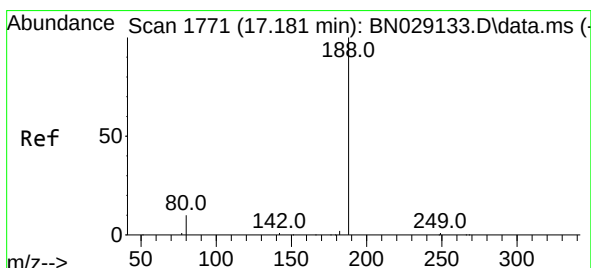
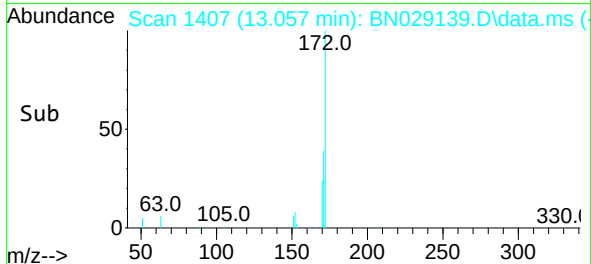
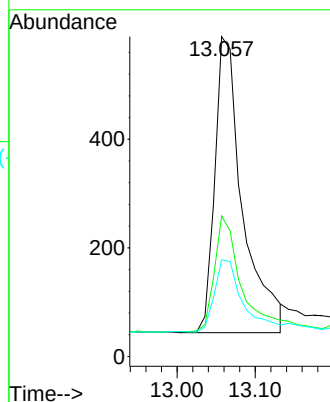
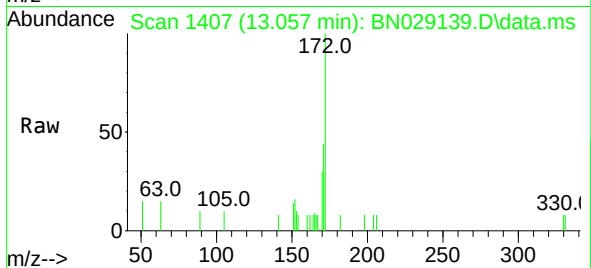
Tgt Ion:172 Resp: 1347

Ion Ratio Lower Upper

172 100

171 44.0 32.2 48.4

170 30.2 25.0 37.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.181 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BN029139.D

Acq: 20 Dec 2023 17:49

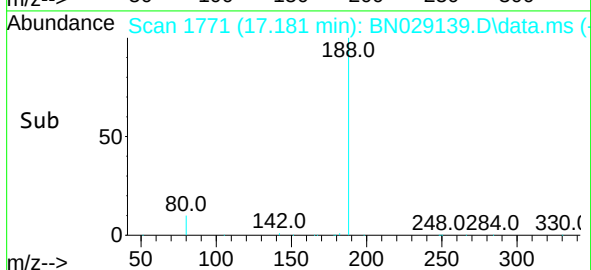
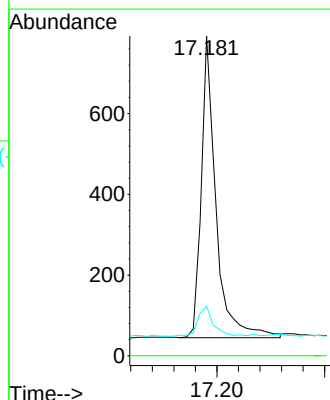
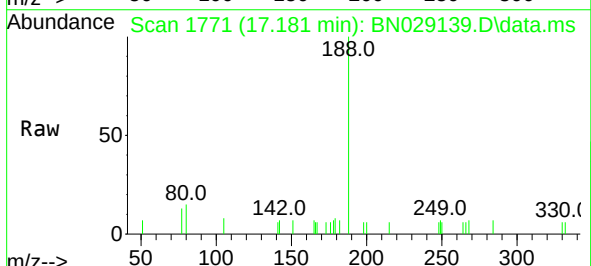
Tgt Ion:188 Resp: 1411

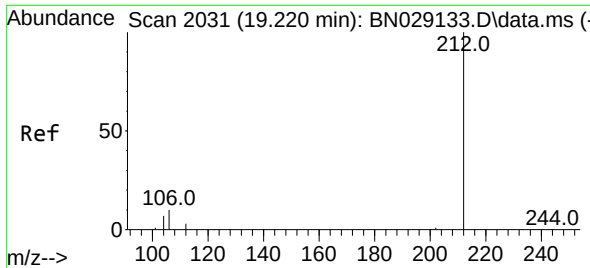
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.4 13.7 20.5

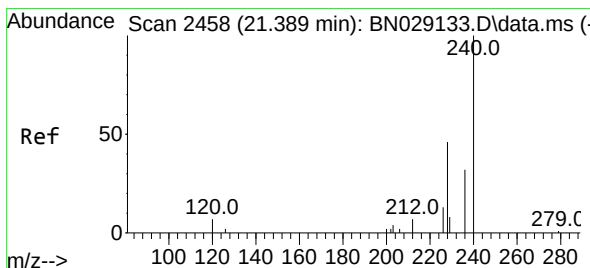
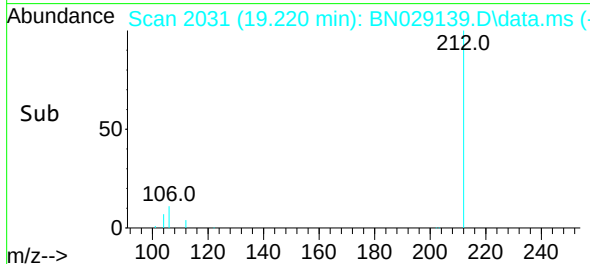
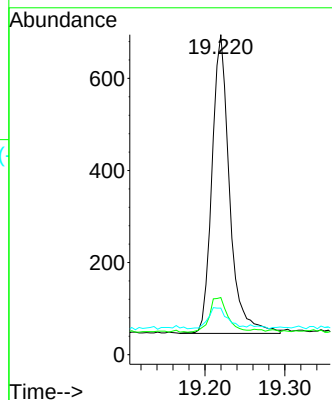
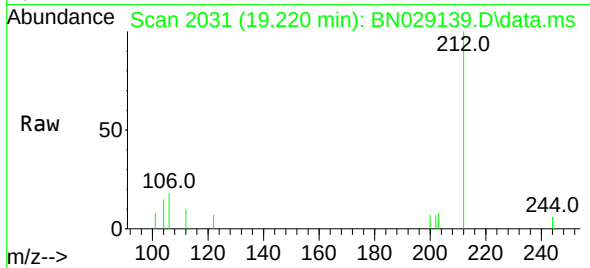




#27
Fluoranthene-d10
Concen: 0.290 ng
RT: 19.220 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN029139.D
Acq: 20 Dec 2023 17:49

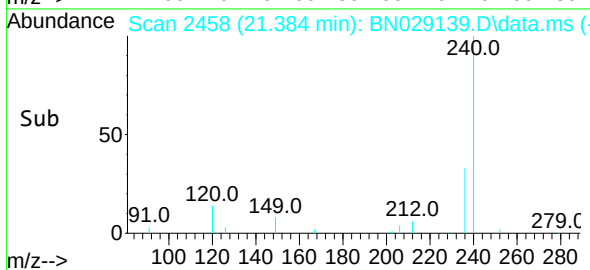
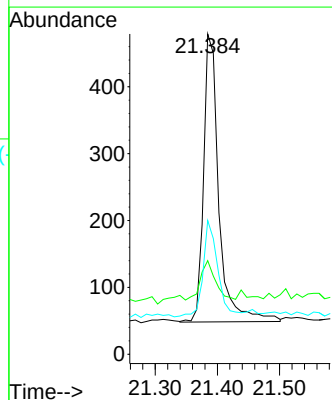
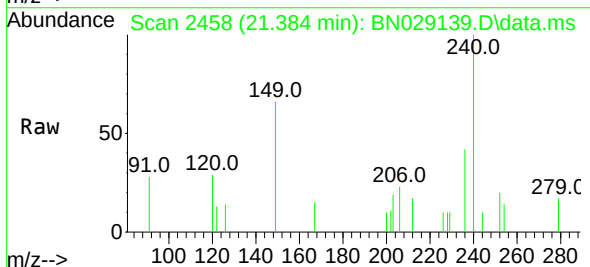
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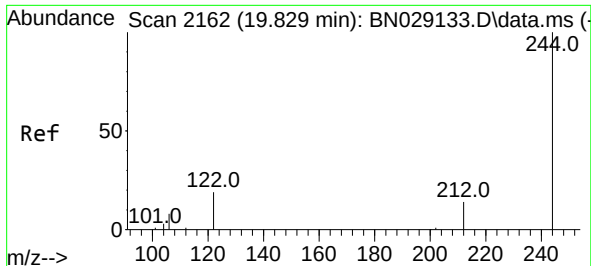
Tgt Ion:212 Resp: 991
Ion Ratio Lower Upper
212 100
106 11.8 9.6 14.4
104 7.8 6.5 9.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.384 min Scan# 2458
Delta R.T. -0.005 min
Lab File: BN029139.D
Acq: 20 Dec 2023 17:49

Tgt Ion:240 Resp: 733
Ion Ratio Lower Upper
240 100
120 29.2 21.4 32.0
236 41.8 33.5 50.3

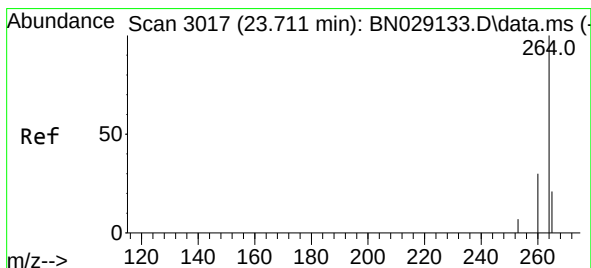
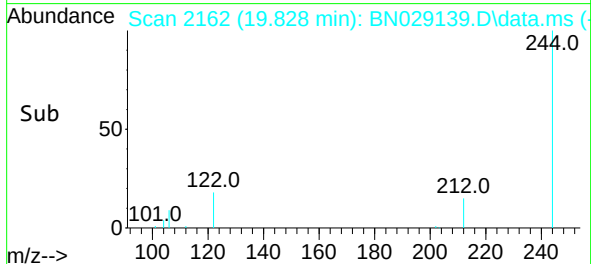
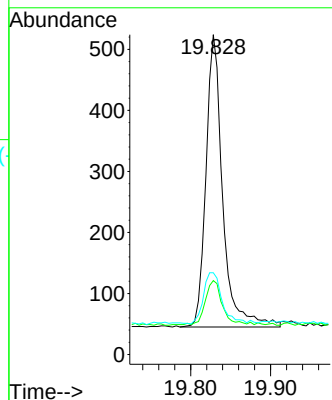
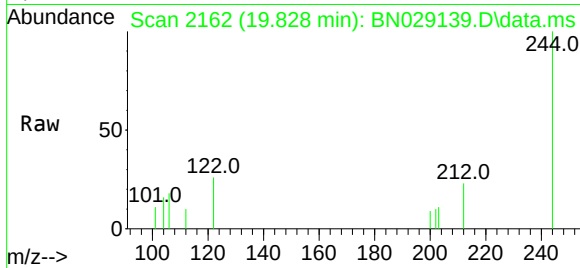




#31
 Terphenyl-d14
 Concen: 0.346 ng
 RT: 19.828 min Scan# 2162
 Delta R.T. -0.000 min
 Lab File: BN029139.D
 Acq: 20 Dec 2023 17:49

Instrument :
 BNA_N
 ClientSampleId :
 PB157548BL

Tgt Ion:244 Resp: 697
 Ion Ratio Lower Upper
 244 100
 212 23.1 19.0 28.6
 122 25.6 22.5 33.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.709 min Scan# 3018
 Delta R.T. -0.002 min
 Lab File: BN029139.D
 Acq: 20 Dec 2023 17:49

Tgt Ion:264 Resp: 866
 Ion Ratio Lower Upper
 264 100
 260 36.5 31.0 46.6
 265 115.7 105.3 157.9

