

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035812.D
 Acq On : 24 Dec 2024 09:35
 Operator : RC/JU
 Sample : PB165828BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB165828BL

Quant Time: Dec 24 23:16:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3197	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	6952	0.400	ng	0.00
13) Acenaphthene-d10	13.935	164	4346	0.400	ng	0.00
19) Phenanthrene-d10	16.711	188	8099	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	6756	0.400	ng	# 0.00
35) Perylene-d12	23.038	264	6747	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.932	112	2496	0.312	ng	0.00
5) Phenol-d6	6.484	99	2096	0.218	ng	0.00
8) Nitrobenzene-d5	8.418	82	1815	0.427	ng	0.01
11) 2-Methylnaphthalene-d10	11.641	152	3741	0.344	ng	0.02
14) 2,4,6-Tribromophenol	15.475	330	490	0.159	ng	0.02
15) 2-Fluorobiphenyl	12.564	172	5652	0.344	ng	0.02
27) Fluoranthene-d10	18.761	212	9188	0.400	ng	0.00
31) Terphenyl-d14	19.393	244	6413	0.481	ng	0.00

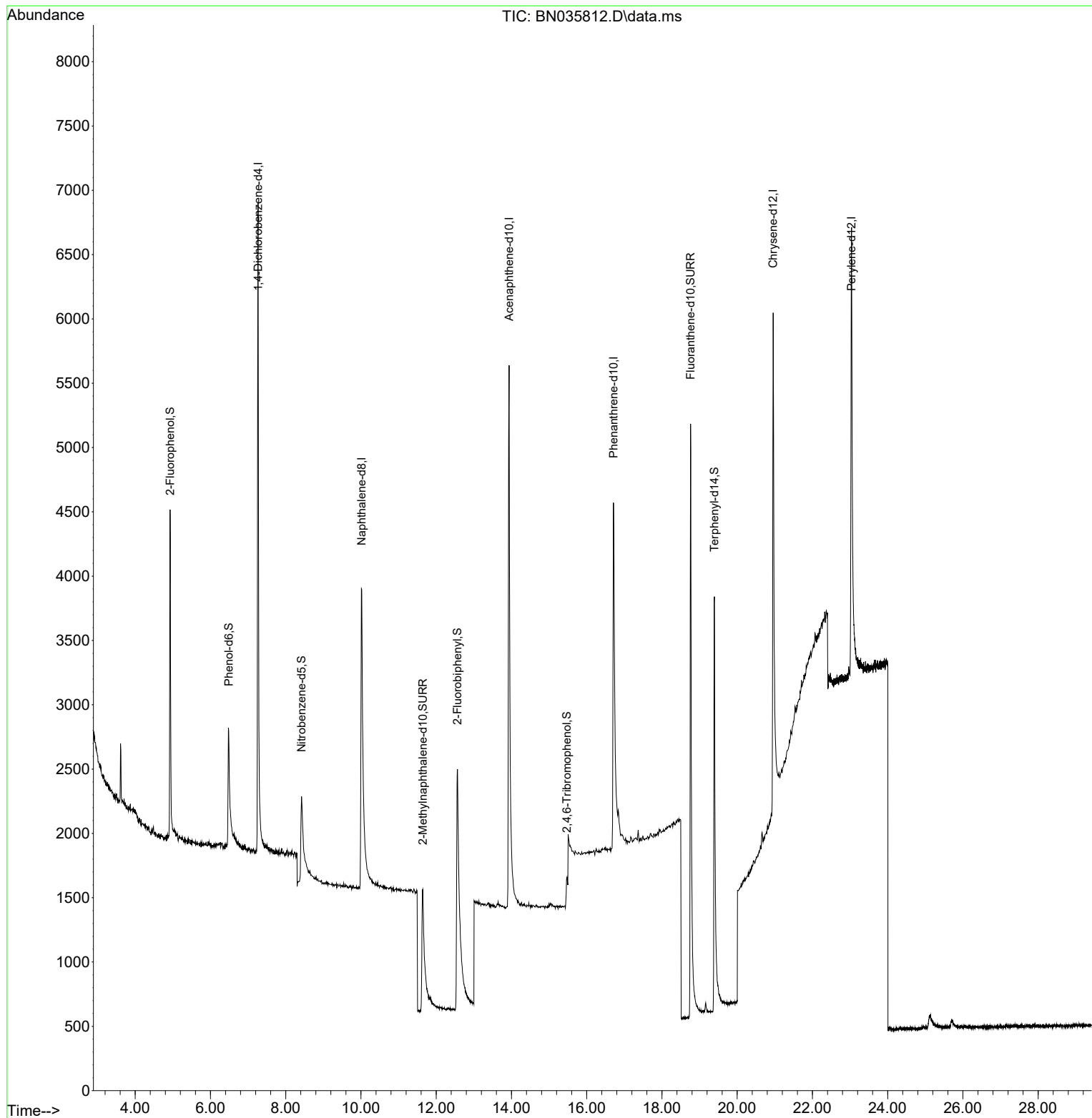
Target Compounds Qvalue

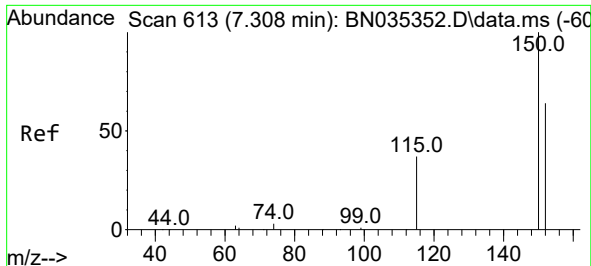
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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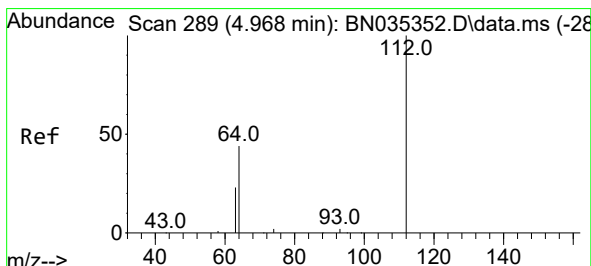
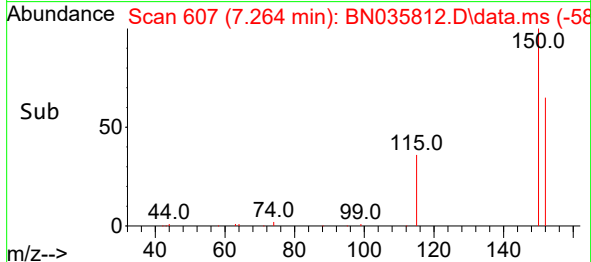
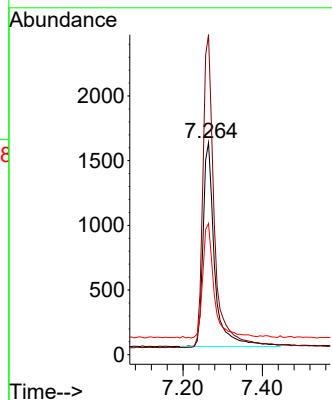
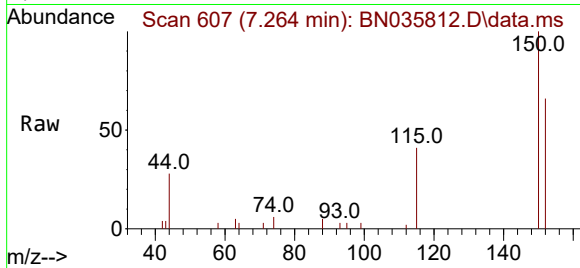


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.264 min Scan# 613
 Delta R.T. -0.008 min
 Lab File: BN035812.D
 Acq: 24 Dec 2024 09:35

Instrument :
 BNA_N
 ClientSampleId :
 PB165828BL

Tgt Ion:152 Resp: 3197

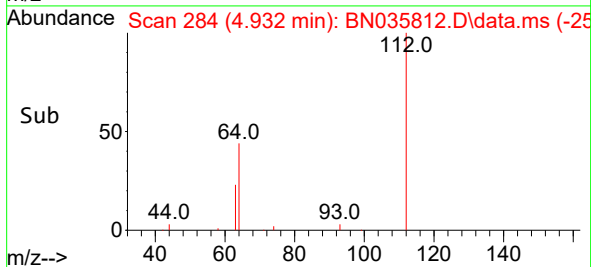
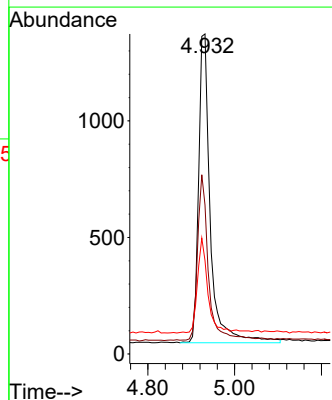
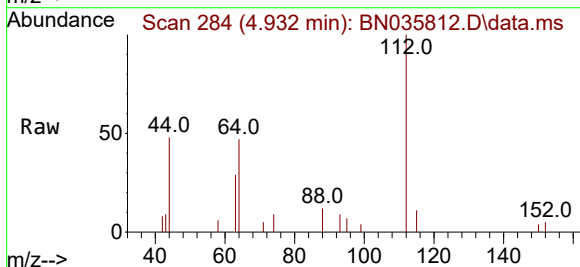
Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.0	186.0
115	61.9	49.6	74.4

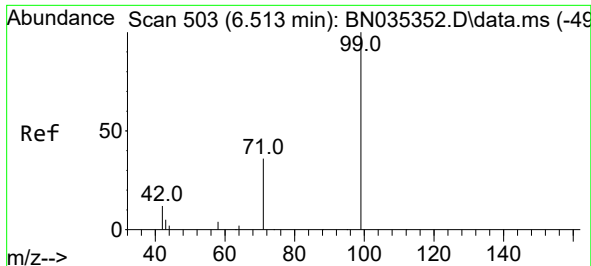


#4
 2-Fluorophenol
 Concen: 0.312 ng
 RT: 4.932 min Scan# 284
 Delta R.T. -0.007 min
 Lab File: BN035812.D
 Acq: 24 Dec 2024 09:35

Tgt Ion:112 Resp: 2496

Ion	Ratio	Lower	Upper
112	100		
64	49.3	39.8	59.8
63	27.1	21.0	31.6

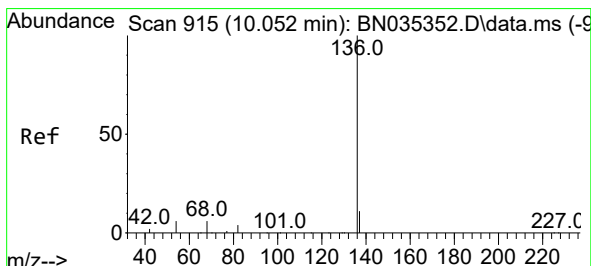
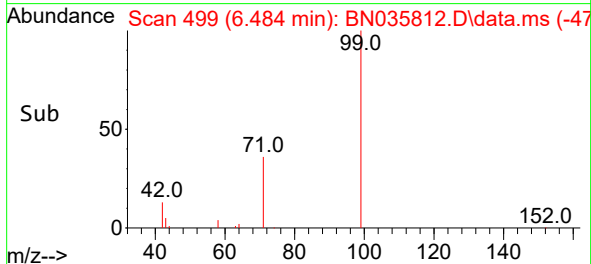
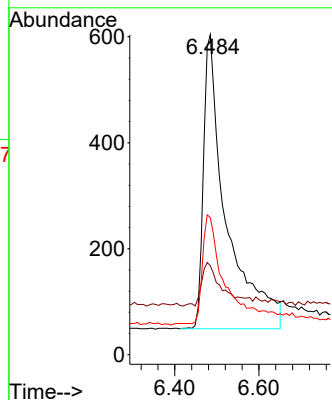
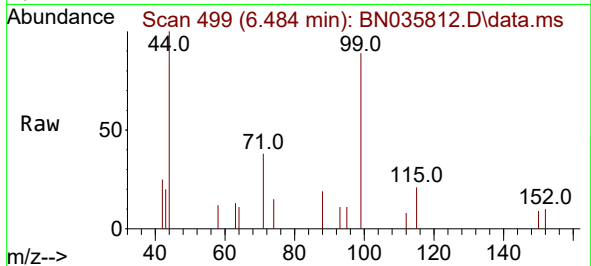




#5
Phenol-d6
Concen: 0.218 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

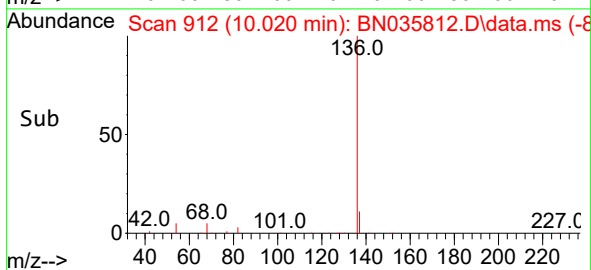
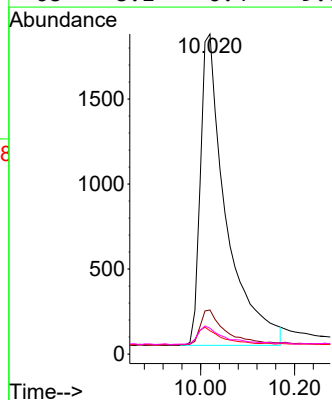
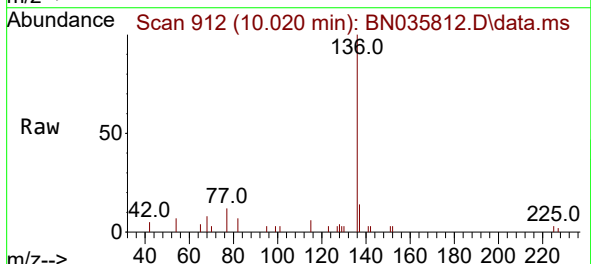
Instrument :
BNA_N
ClientSampleId :
PB165828BL

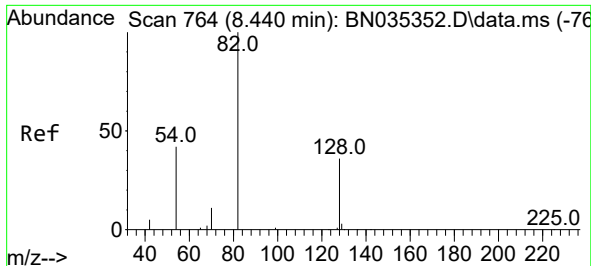
Tgt Ion: 99	Resp: 2096
Ion Ratio	Lower Upper
99 100	
42 13.4	11.4 17.2
71 37.2	29.3 43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 912
Delta R.T. -0.000 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

Tgt Ion: 136	Resp: 6952
Ion Ratio	Lower Upper
136 100	
137 13.8	10.2 15.2
54 7.3	6.1 9.1
68 8.1	6.4 9.6

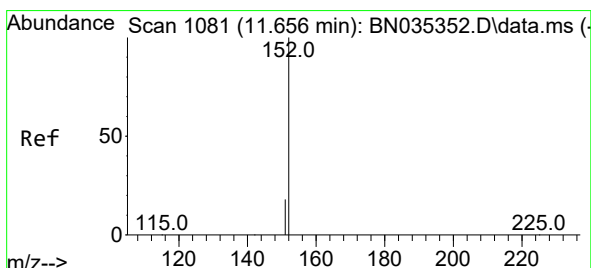
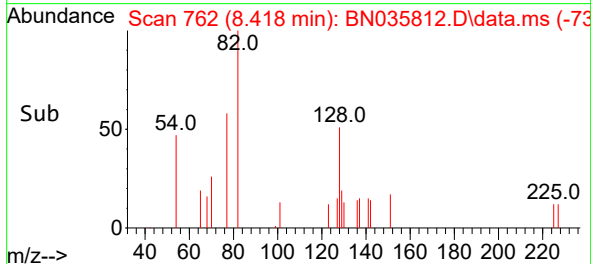
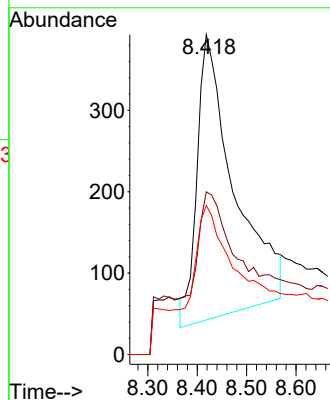
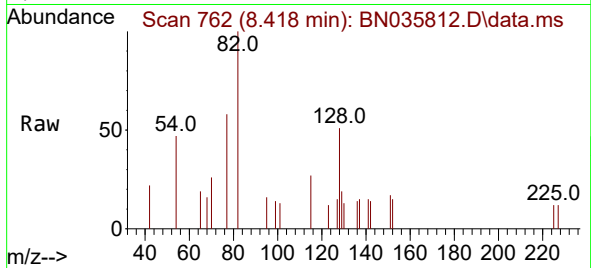




#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 8.418 min Scan# 762
Delta R.T. 0.010 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

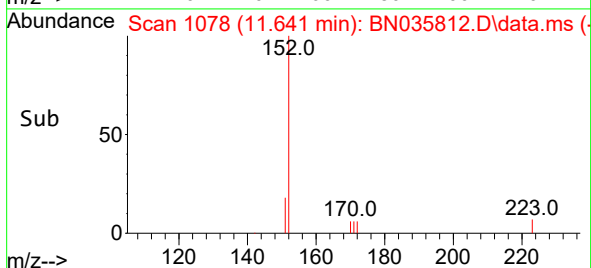
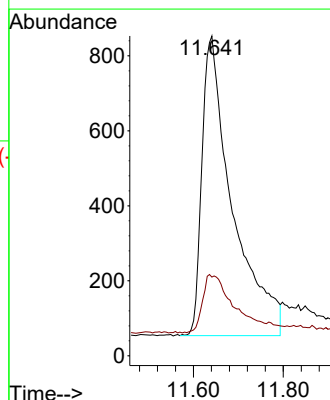
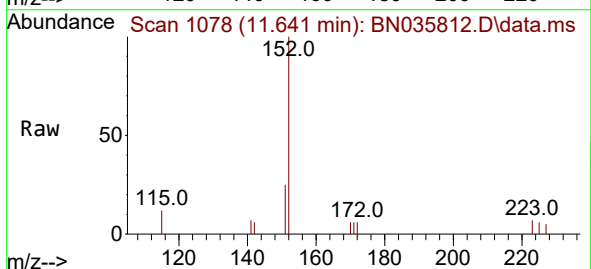
Instrument :
BNA_N
ClientSampleId :
PB165828BL

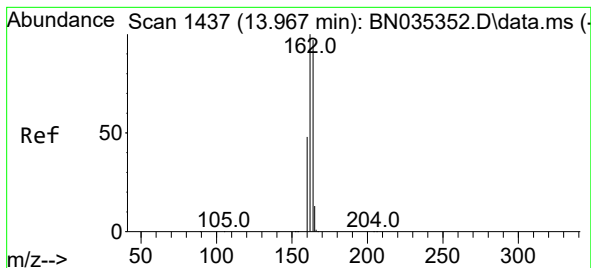
Tgt Ion: 82 Resp: 1815
Ion Ratio Lower Upper
82 100
128 50.9 33.4 50.0#
54 46.6 36.7 55.1



#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 11.641 min Scan# 1078
Delta R.T. 0.020 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

Tgt Ion: 152 Resp: 3741
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.935 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN035812.D

Acq: 24 Dec 2024 09:35

Instrument :

BNA_N

ClientSampleId :

PB165828BL

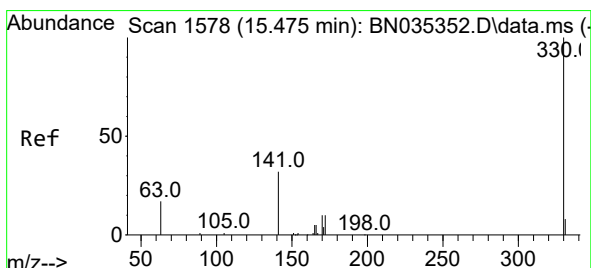
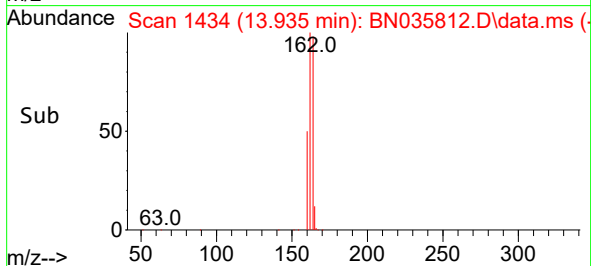
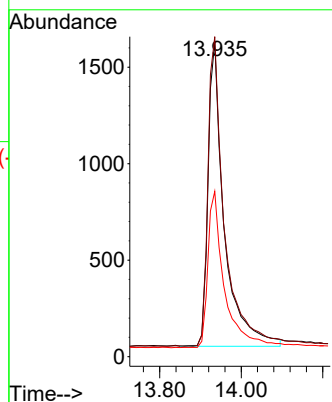
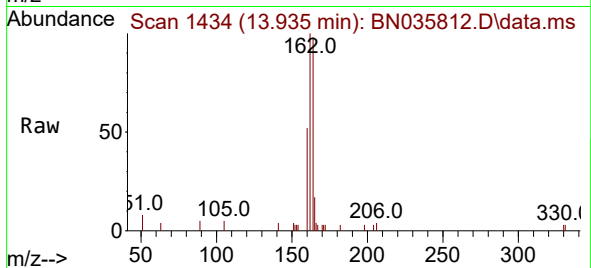
Tgt Ion:164 Resp: 4346

Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.2

160 52.5 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.159 ng

RT: 15.475 min Scan# 1578

Delta R.T. 0.021 min

Lab File: BN035812.D

Acq: 24 Dec 2024 09:35

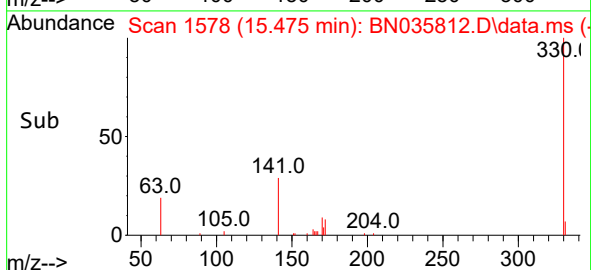
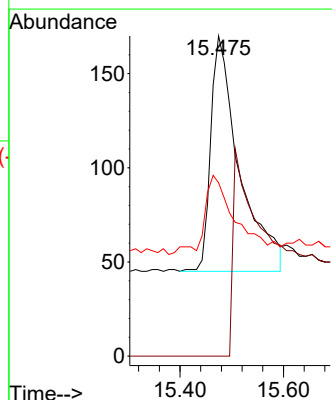
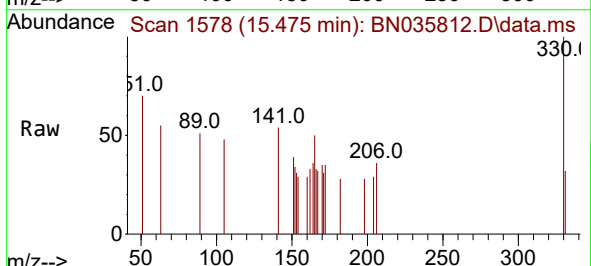
Tgt Ion:330 Resp: 490

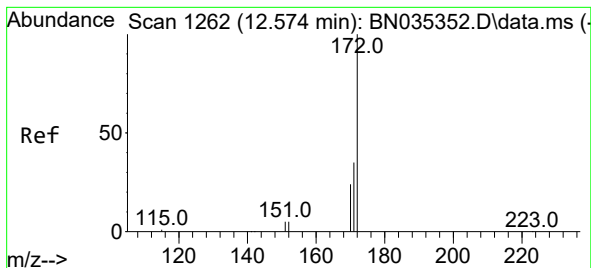
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 37.3 26.6 40.0

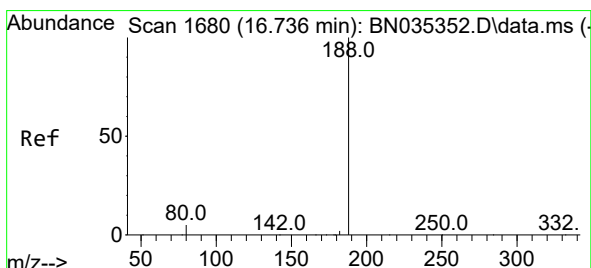
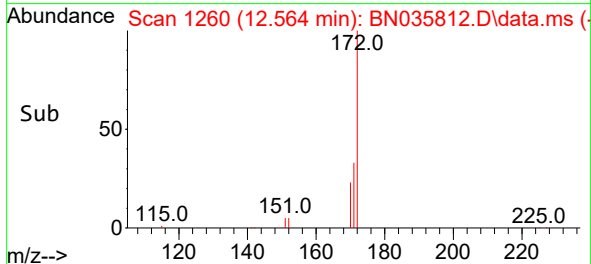
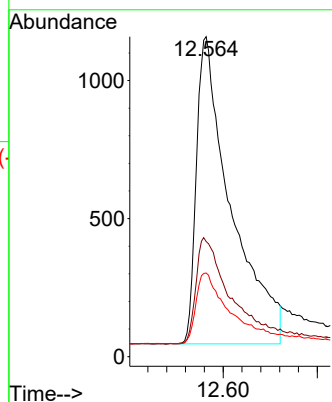
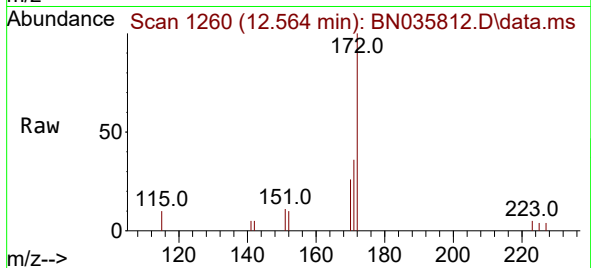




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.564 min Scan# 11
Delta R.T. 0.020 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

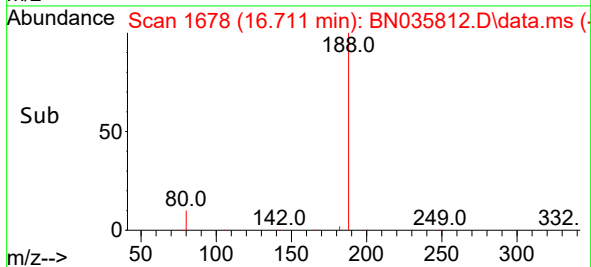
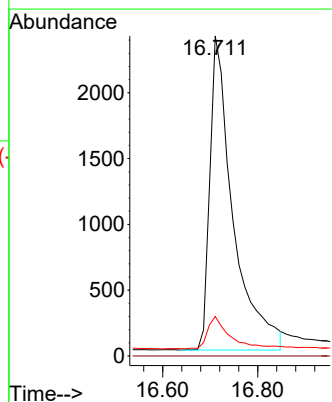
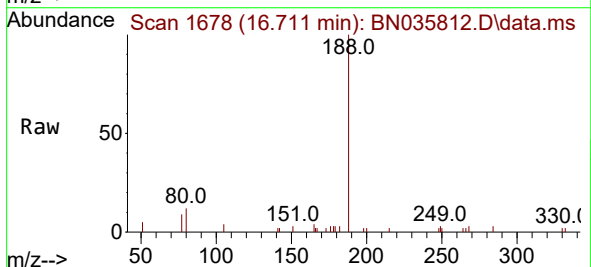
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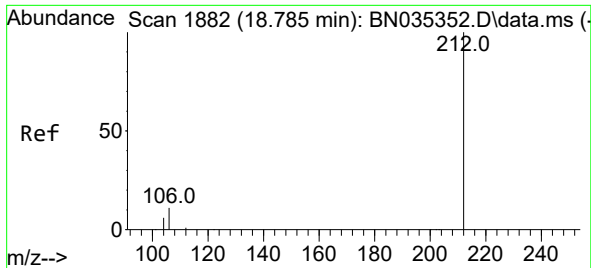
Tgt Ion:172 Resp: 5652
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 26.1 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.711 min Scan# 1678
Delta R.T. 0.012 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

Tgt Ion:188 Resp: 8099
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 4.6 6.8

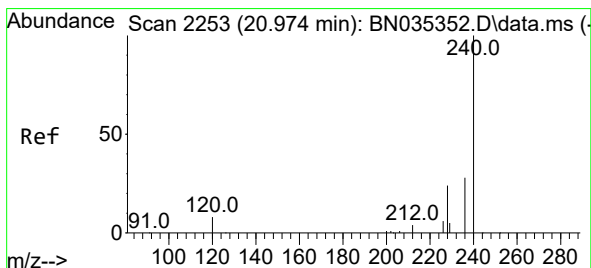
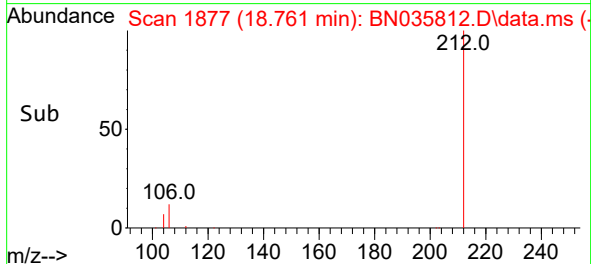
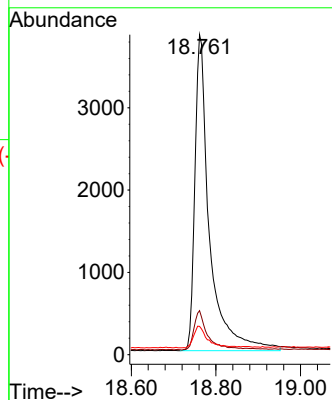
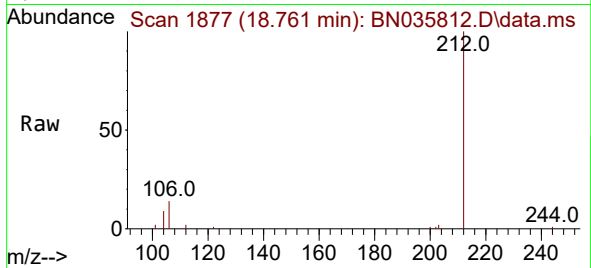




#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 18.761 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

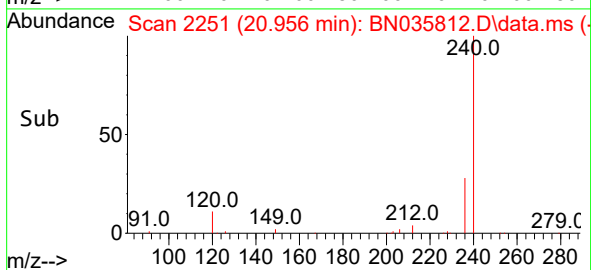
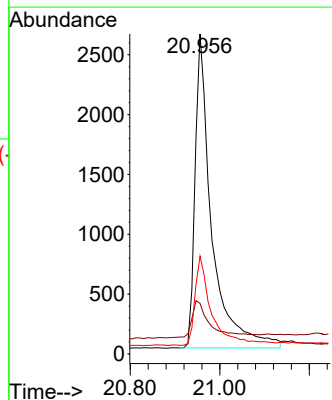
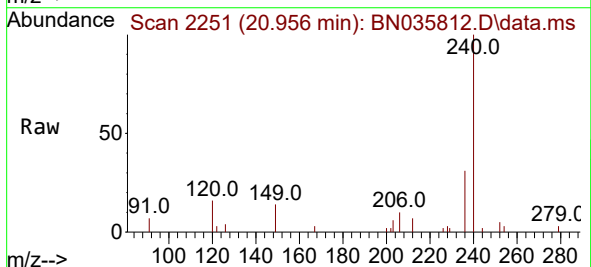
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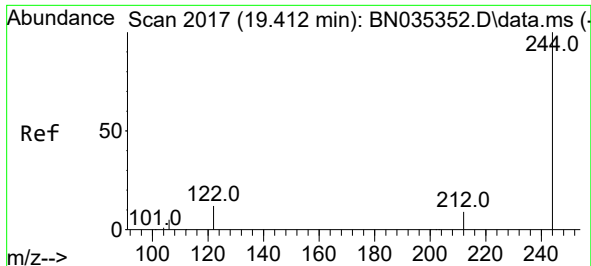
Tgt Ion:212 Resp: 9188
Ion Ratio Lower Upper
212 100
106 11.5 9.2 13.8
104 6.3 5.3 7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

Tgt Ion:240 Resp: 6756
Ion Ratio Lower Upper
240 100
120 15.8 7.9 11.9#
236 30.6 22.9 34.3

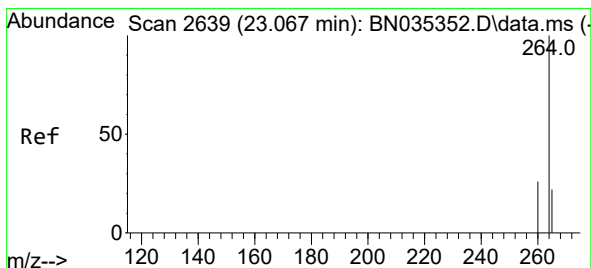
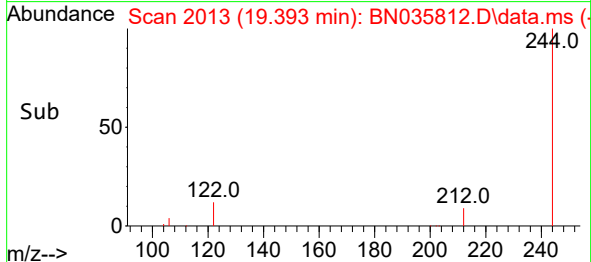
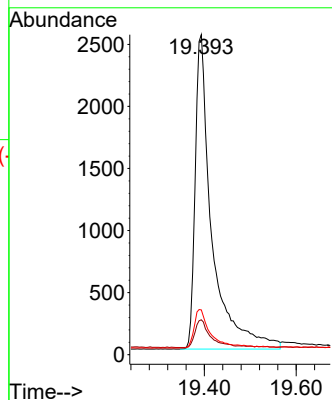
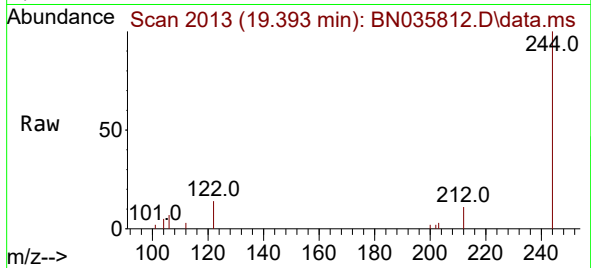




#31
Terphenyl-d14
Concen: 0.481 ng
RT: 19.393 min Scan# 2017
Delta R.T. 0.004 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

Instrument :
BNA_N
ClientSampleId :
PB165828BL

Tgt Ion:244 Resp: 6413
Ion Ratio Lower Upper
244 100
212 10.9 8.1 12.1
122 14.0 10.3 15.5



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.038 min Scan# 2629
Delta R.T. -0.003 min
Lab File: BN035812.D
Acq: 24 Dec 2024 09:35

Tgt Ion:264 Resp: 6747
Ion Ratio Lower Upper
264 100
260 27.6 21.4 32.2
265 105.1 40.2 60.4#

