

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042925\
 Data File : BN036934.D
 Acq On : 29 Apr 2025 09:53
 Operator : RC/JU
 Sample : PB167728BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167728BL

Quant Time: Apr 29 10:49:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 15:35:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	2379	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	5573	0.400	ng	# 0.00
13) Acenaphthene-d10	14.277	164	2873	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	5718	0.400	ng	0.00
29) Chrysene-d12	21.215	240	4280	0.400	ng	0.00
35) Perylene-d12	23.424	264	3789	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	2056	0.338	ng	0.00
5) Phenol-d6	6.809	99	2289	0.306	ng	0.00
8) Nitrobenzene-d5	8.781	82	1914	0.328	ng	0.00
11) 2-Methylnaphthalene-d10	12.016	152	2522	0.324	ng	0.01
14) 2,4,6-Tribromophenol	15.780	330	349	0.273	ng	0.01
15) 2-Fluorobiphenyl	12.904	172	4916	0.354	ng	0.00
27) Fluoranthene-d10	19.059	212	5308	0.358	ng	0.00
31) Terphenyl-d14	19.667	244	3694	0.366	ng	0.00

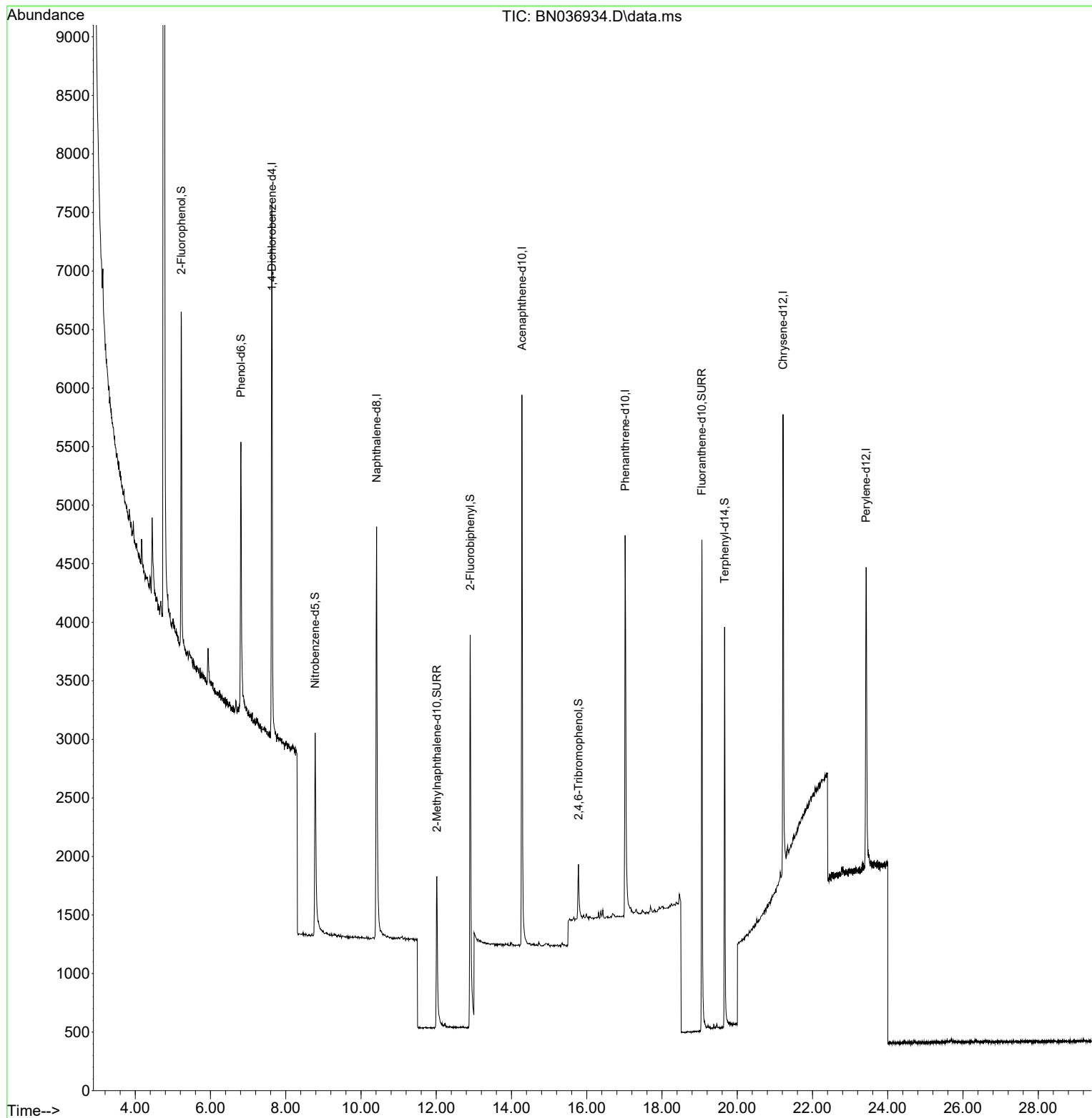
Target Compounds Qvalue

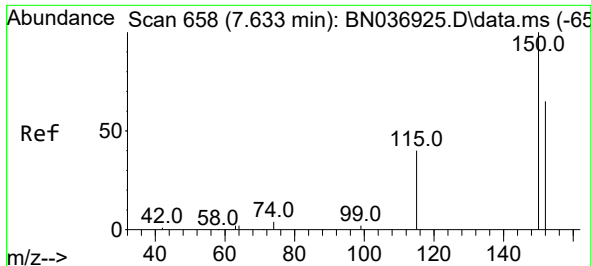
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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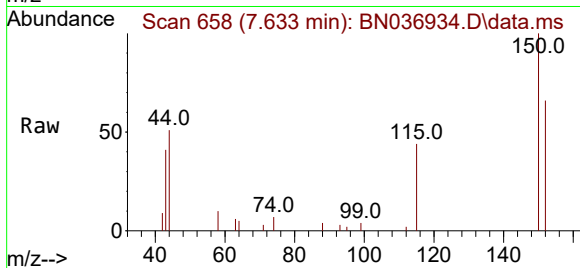
Quant Time: Apr 29 10:49:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration



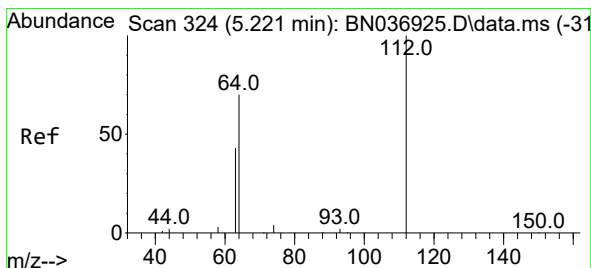
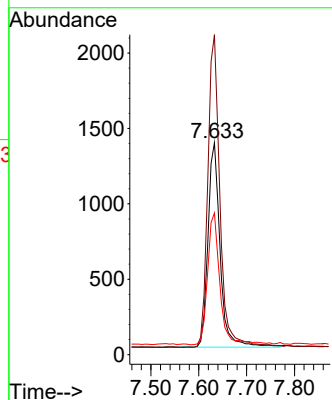
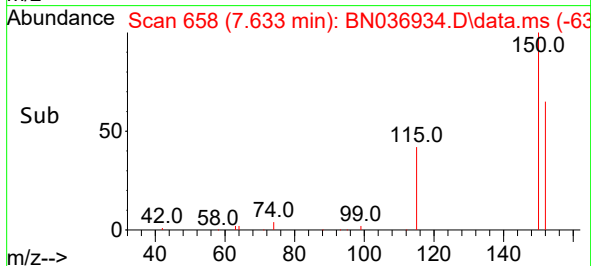


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036934.D
Acq: 29 Apr 2025 09:53

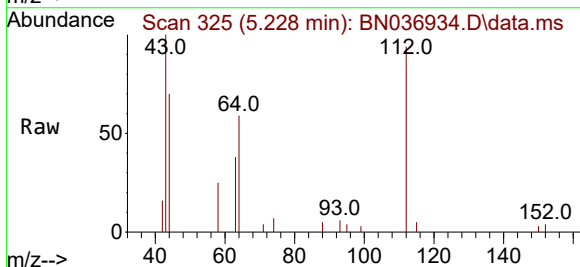
Instrument :
BNA_N
ClientSampleId :
PB167728BL



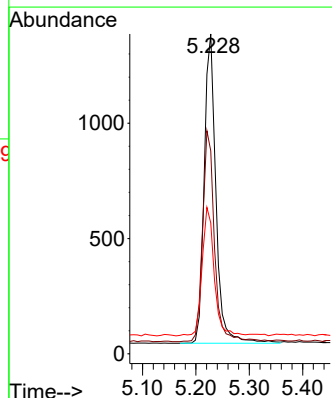
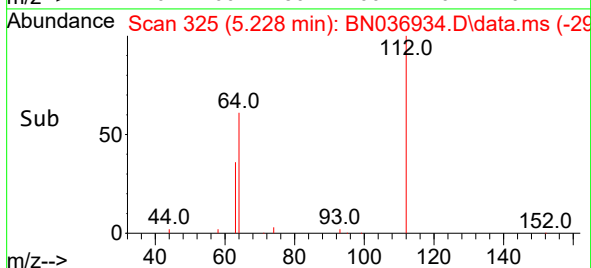
Tgt Ion:152 Resp: 2379
Ion Ratio Lower Upper
152 100
150 150.9 121.1 181.7
115 66.9 51.8 77.6

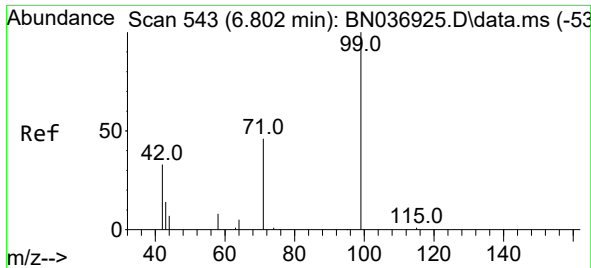


#4
2-Fluorophenol
Concen: 0.338 ng
RT: 5.228 min Scan# 325
Delta R.T. 0.007 min
Lab File: BN036934.D
Acq: 29 Apr 2025 09:53



Tgt Ion:112 Resp: 2056
Ion Ratio Lower Upper
112 100
64 68.1 55.7 83.5
63 42.8 33.9 50.9

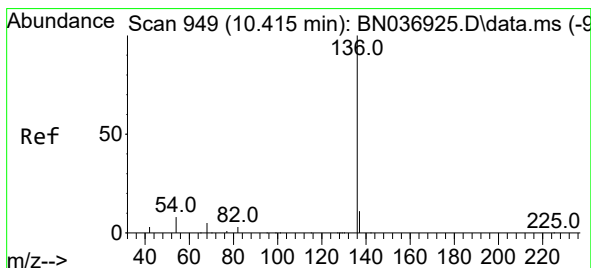
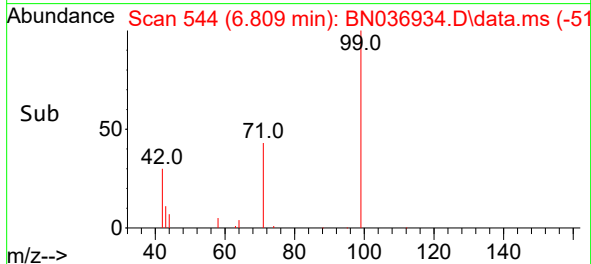
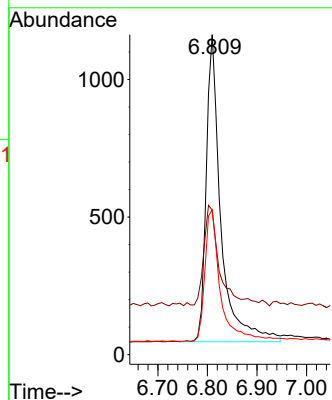
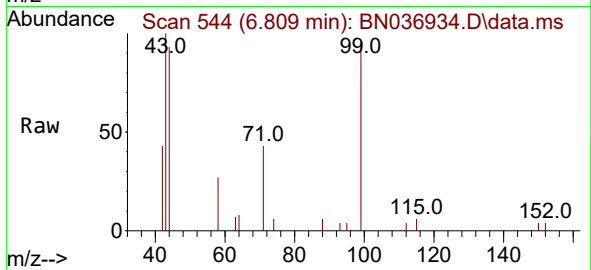




#5
Phenol-d6
Concen: 0.306 ng
RT: 6.809 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN036934.D
Acq: 29 Apr 2025 09:53

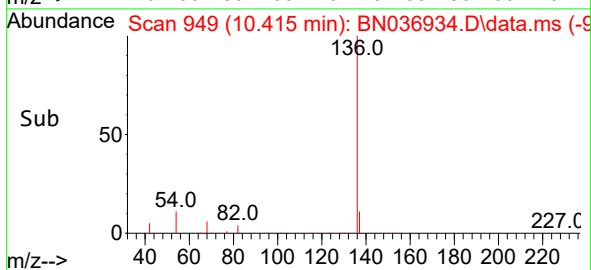
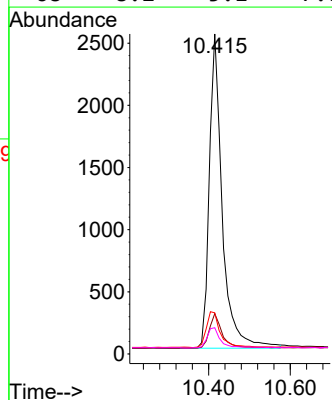
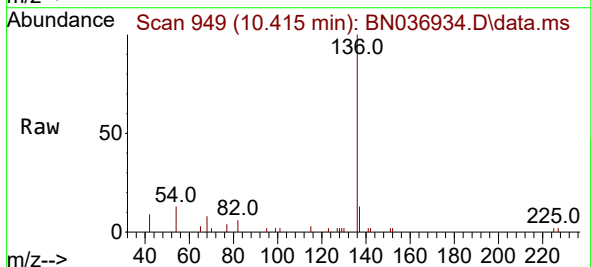
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BNA_N
ClientSampleId :
PB167728BL

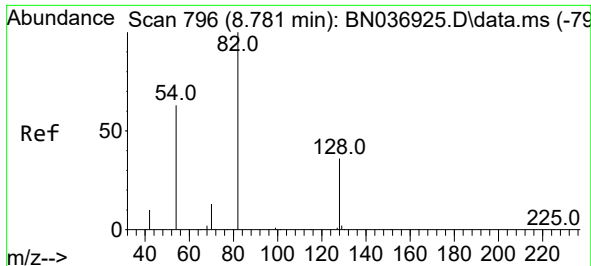
Tgt Ion: 99 Resp: 2289
Ion Ratio Lower Upper
99 100
42 36.1 29.6 44.4
71 45.8 36.0 54.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN036934.D
Acq: 29 Apr 2025 09:53

Tgt Ion: 136 Resp: 5573
Ion Ratio Lower Upper
136 100
137 12.6 9.7 14.5
54 12.9 8.0 12.0#
68 8.2 5.1 7.7#

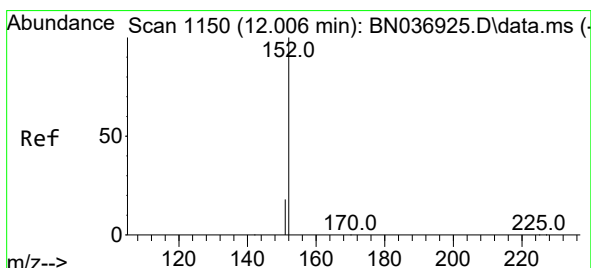
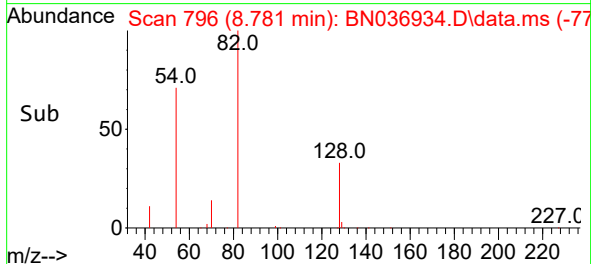
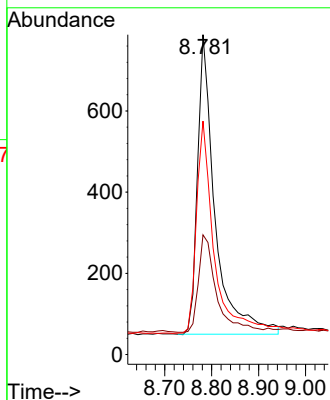
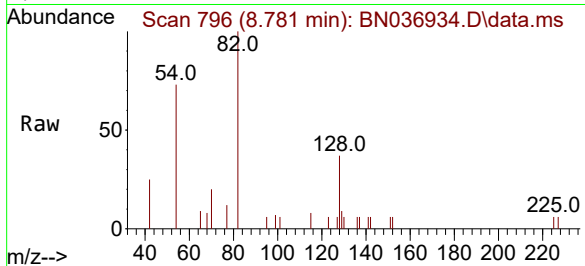




#8
 Nitrobenzene-d5
 Concen: 0.328 ng
 RT: 8.781 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BN036934.D
 Acq: 29 Apr 2025 09:53

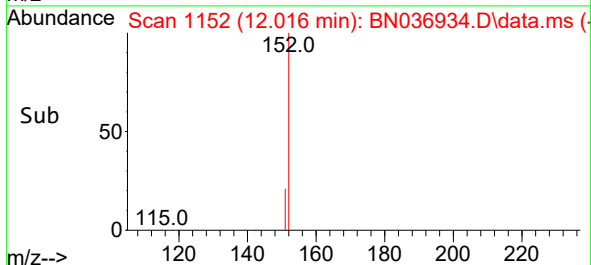
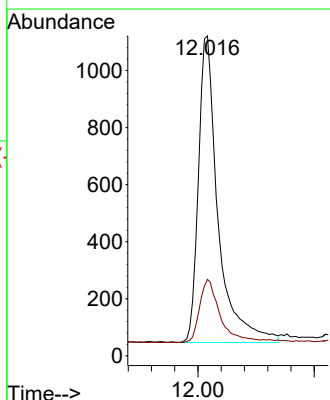
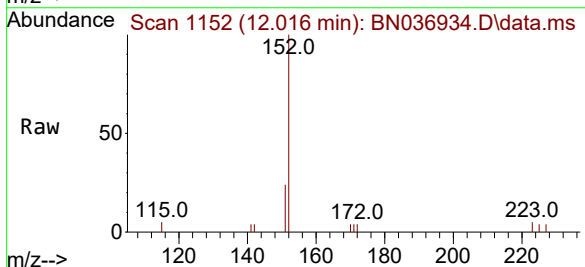
Instrument :
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 ClientSampleId :
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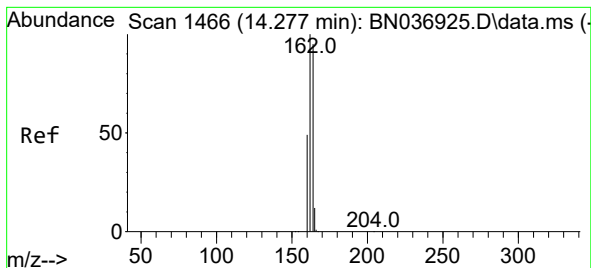
Tgt Ion: 82 Resp: 1914
 Ion Ratio Lower Upper
 82 100
 128 37.4 30.7 46.1
 54 73.0 52.1 78.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.324 ng
 RT: 12.016 min Scan# 1152
 Delta R.T. 0.010 min
 Lab File: BN036934.D
 Acq: 29 Apr 2025 09:53

Tgt Ion: 152 Resp: 2522
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.9 25.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.277 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BN036934.D

Acq: 29 Apr 2025 09:53

Instrument :

BNA_N

ClientSampleId :

PB167728BL

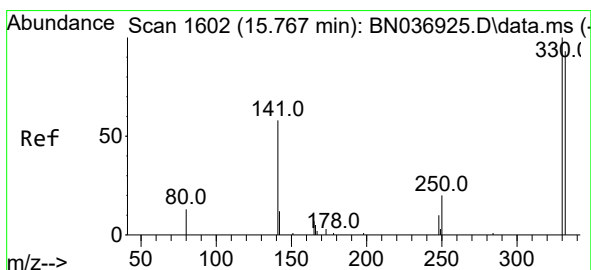
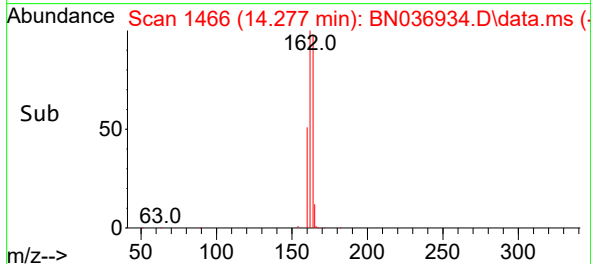
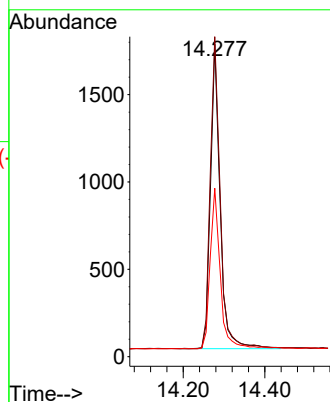
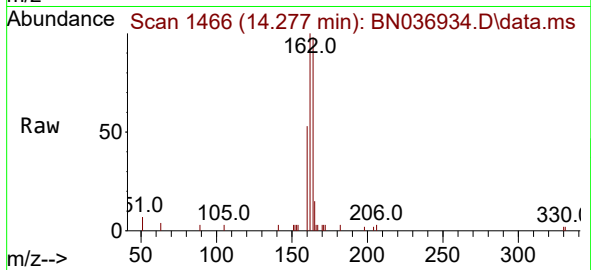
Tgt Ion:164 Resp: 2873

Ion Ratio Lower Upper

164 100

162 102.4 83.8 125.8

160 53.9 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.273 ng

RT: 15.780 min Scan# 1603

Delta R.T. 0.012 min

Lab File: BN036934.D

Acq: 29 Apr 2025 09:53

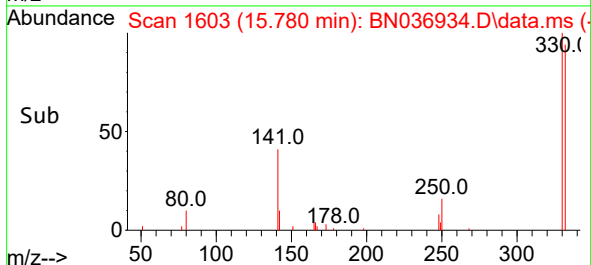
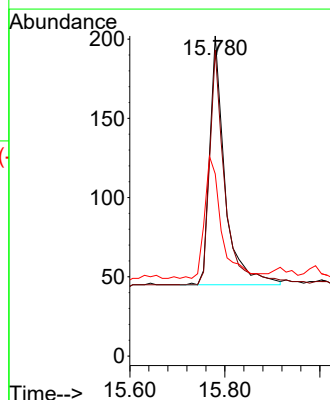
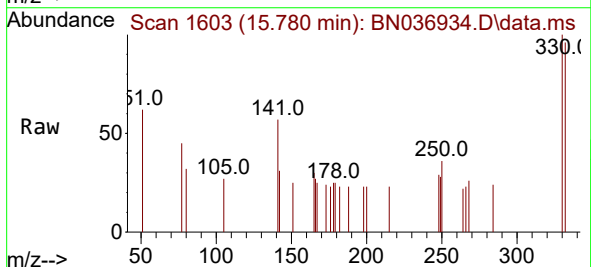
Tgt Ion:330 Resp: 349

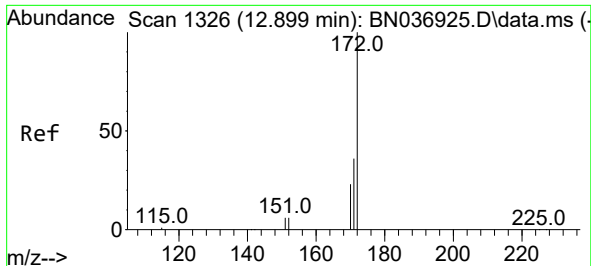
Ion Ratio Lower Upper

330 100

332 94.0 76.3 114.5

141 54.2 45.4 68.2

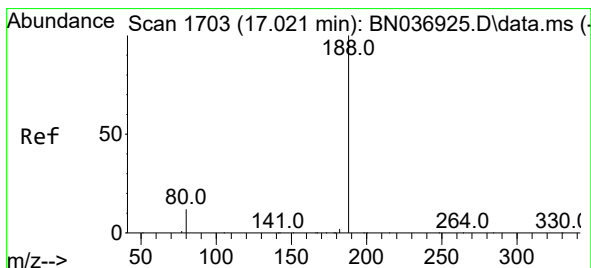
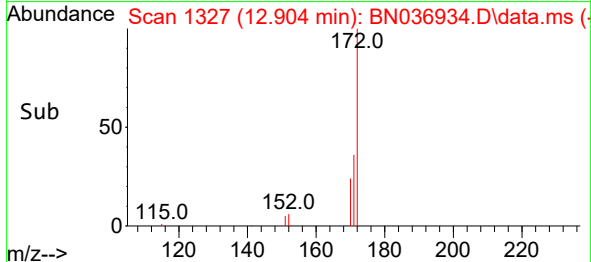
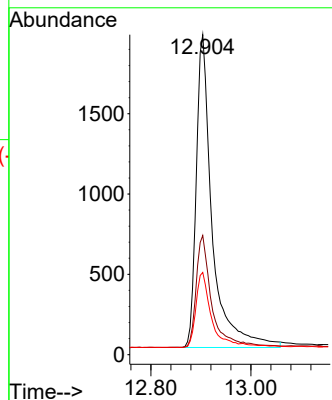
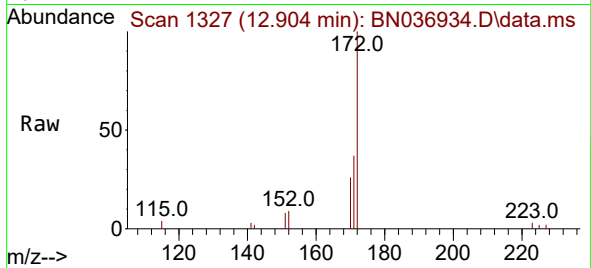




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.904 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036934.D
Acq: 29 Apr 2025 09:53

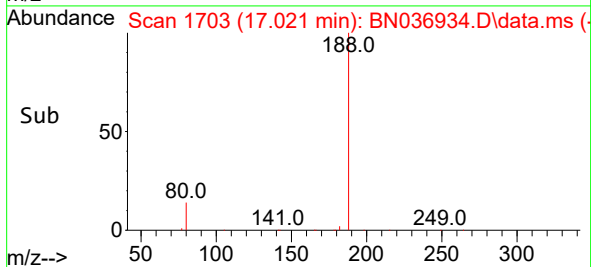
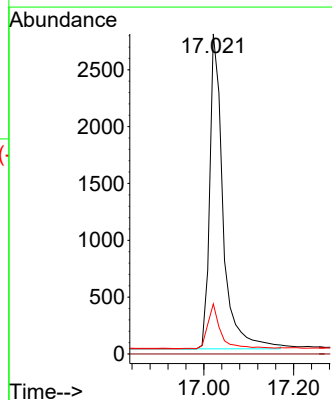
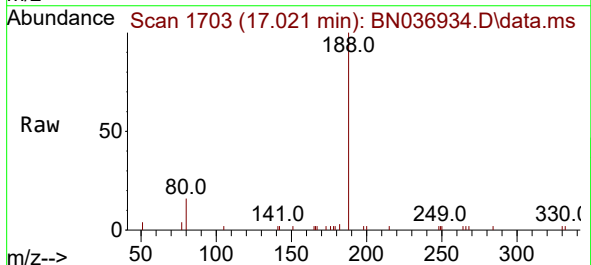
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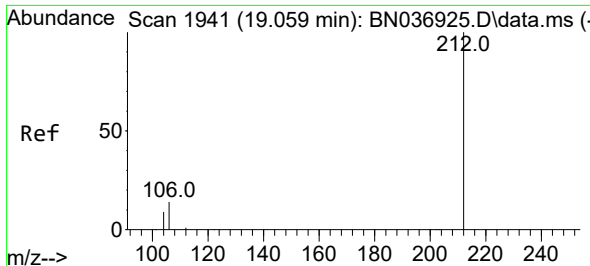
Tgt Ion:172 Resp: 4916
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.0
170 25.7 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN036934.D
Acq: 29 Apr 2025 09:53

Tgt Ion:188 Resp: 5718
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.7 10.7 16.1

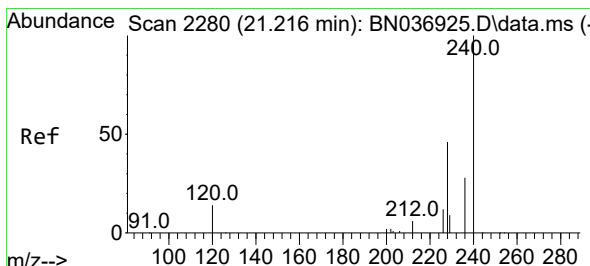
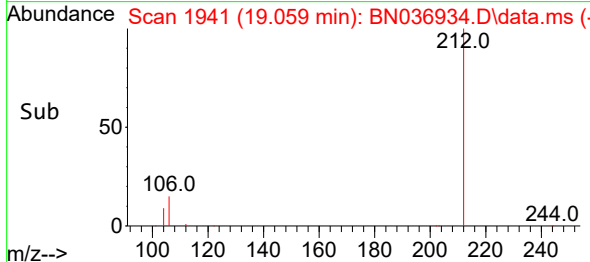
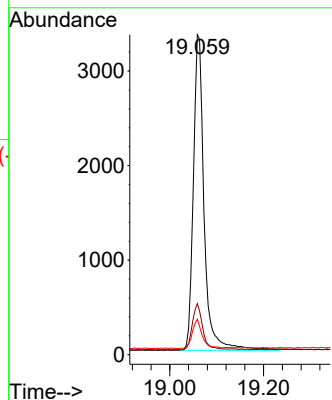
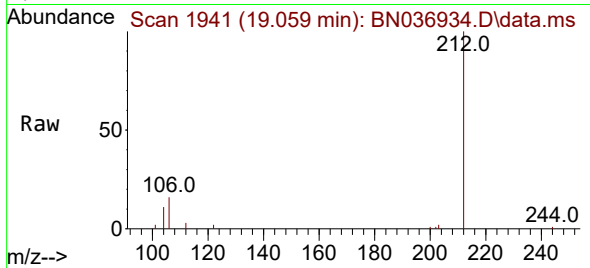




#27
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.059 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN036934.D
Acq: 29 Apr 2025 09:53

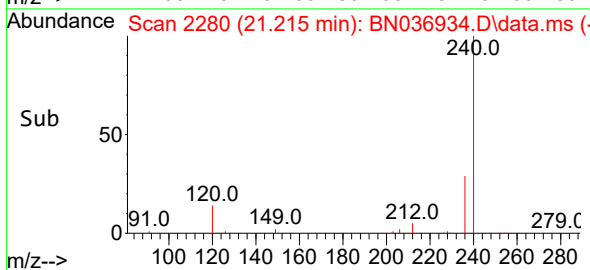
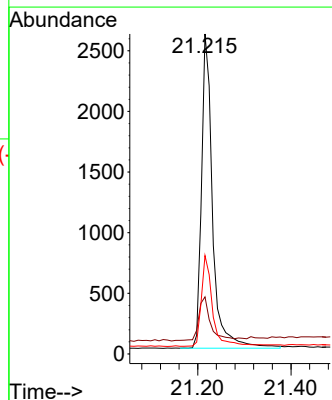
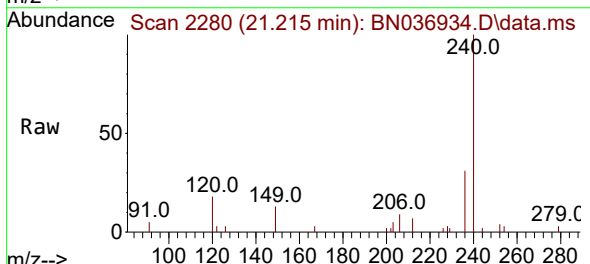
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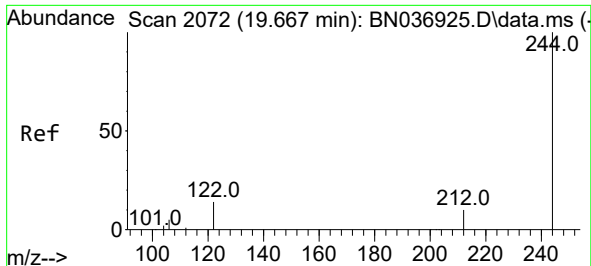
Tgt Ion:212 Resp: 5308
Ion Ratio Lower Upper
212 100
106 14.0 11.6 17.4
104 8.8 7.0 10.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.215 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BN036934.D
Acq: 29 Apr 2025 09:53

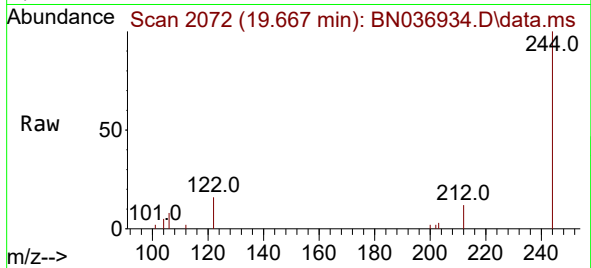
Tgt Ion:240 Resp: 4280
Ion Ratio Lower Upper
240 100
120 17.8 14.1 21.1
236 30.8 23.8 35.8



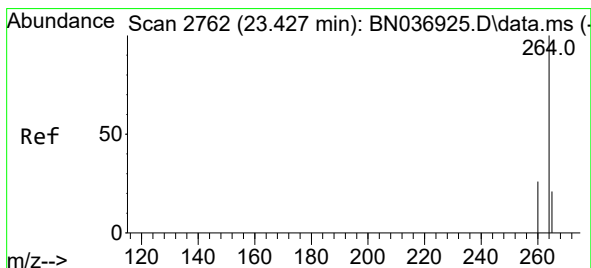
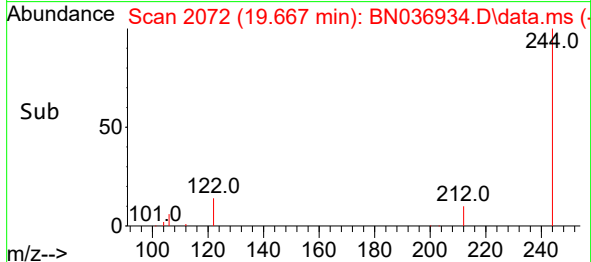
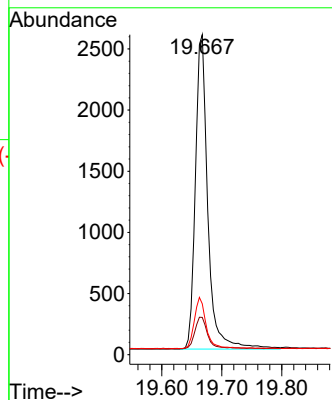


#31
 Terphenyl-d14
 Concen: 0.366 ng
 RT: 19.667 min Scan# 2072
 Delta R.T. -0.000 min
 Lab File: BN036934.D
 Acq: 29 Apr 2025 09:53

Instrument :
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Tgt Ion:244 Resp: 3694
 Ion Ratio Lower Upper
 244 100
 212 11.6 9.6 14.4
 122 15.9 12.7 19.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.424 min Scan# 2761
 Delta R.T. -0.003 min
 Lab File: BN036934.D
 Acq: 29 Apr 2025 09:53

Tgt Ion:264 Resp: 3789
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.2 33.2
 265 77.9 65.8 98.6

