

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041425\
 Data File : BN036907.D
 Acq On : 14 Apr 2025 19:28
 Operator : RC/JU
 Sample : PB167565BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167565BL

Quant Time: Apr 15 01:03:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 14 17:58:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	1388	0.400	ng	0.00
7) Naphthalene-d8	10.426	136	3148	0.400	ng	0.01
13) Acenaphthene-d10	14.277	164	1625	0.400	ng	0.00
19) Phenanthrene-d10	17.033	188	3203	0.400	ng	# 0.00
29) Chrysene-d12	21.224	240	2249	0.400	ng	# 0.00
35) Perylene-d12	23.439	264	1884	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	1402	0.427	ng	0.00
5) Phenol-d6	6.809	99	1482	0.360	ng	0.00
8) Nitrobenzene-d5	8.792	82	1291	0.363	ng	0.01
11) 2-Methylnaphthalene-d10	12.021	152	1679	0.366	ng	0.01
14) 2,4,6-Tribromophenol	15.780	330	227	0.291	ng	0.00
15) 2-Fluorobiphenyl	12.909	172	3269	0.417	ng	0.00
27) Fluoranthene-d10	19.068	212	3368	0.398	ng	0.00
31) Terphenyl-d14	19.672	244	2308	0.469	ng	0.00

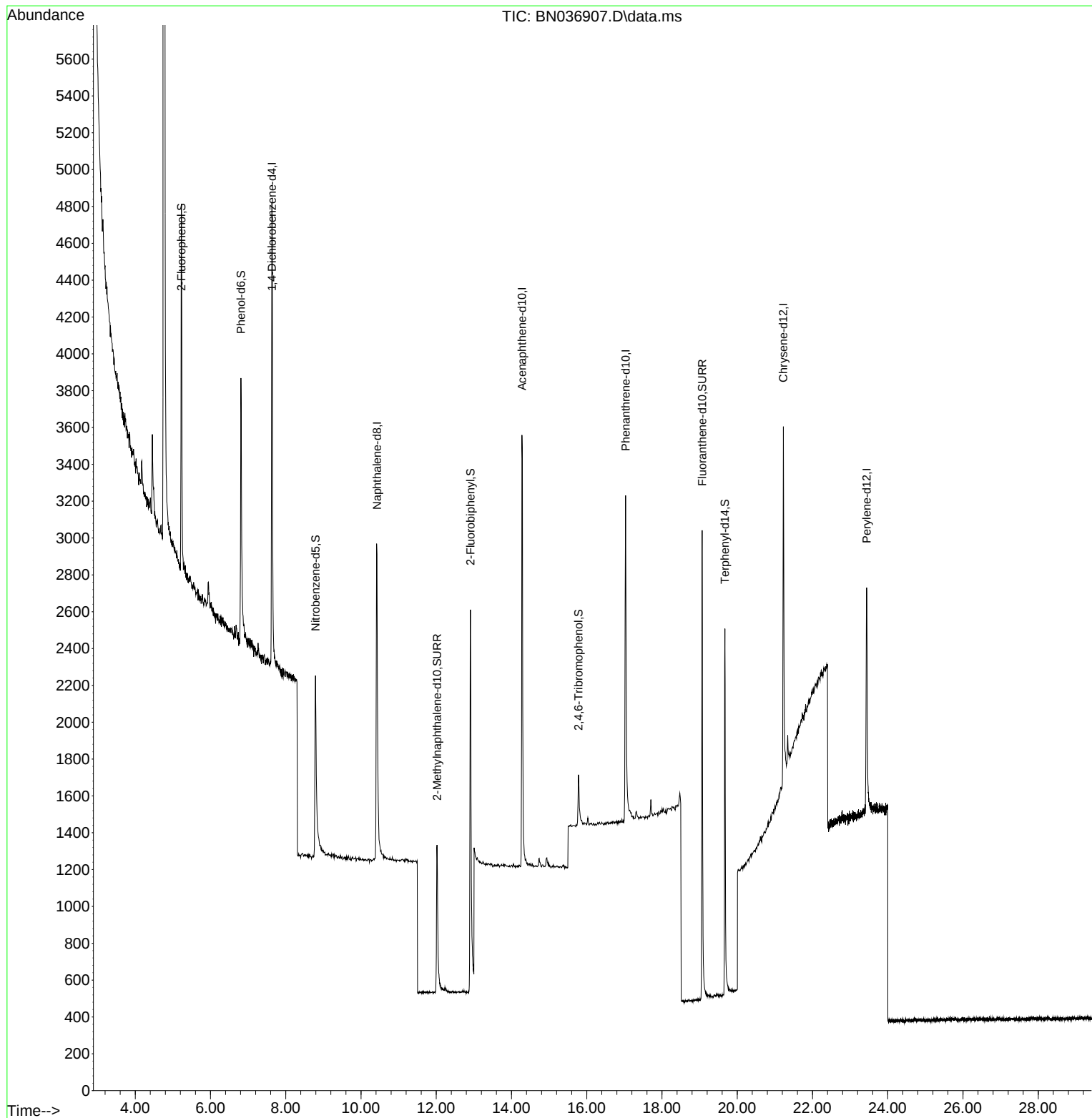
Target Compounds Qvalue

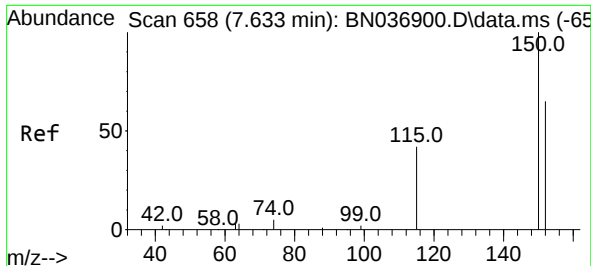
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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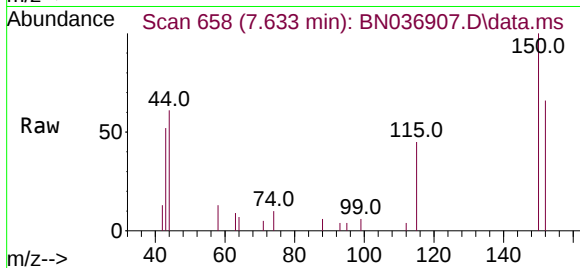
Quant Time: Apr 15 01:03:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041425.M
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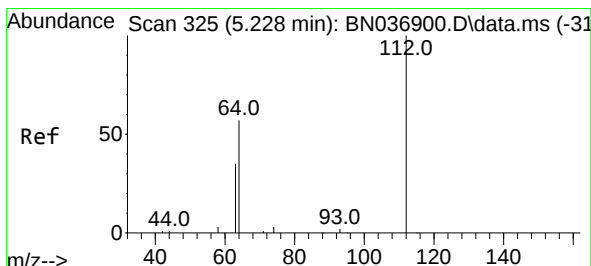
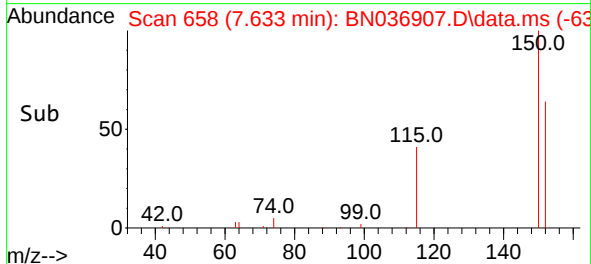
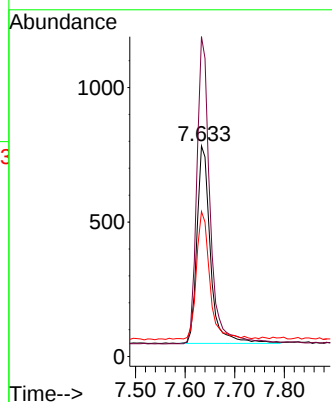


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

Instrument :
BNA_N
ClientSampleId :
PB167565BL

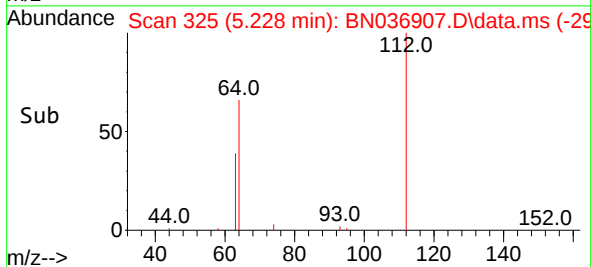
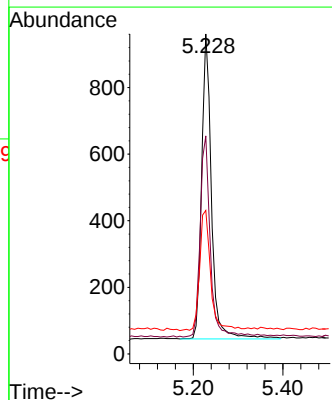
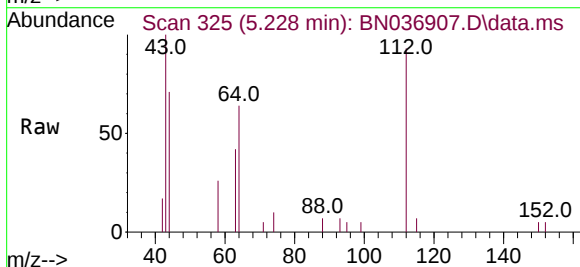


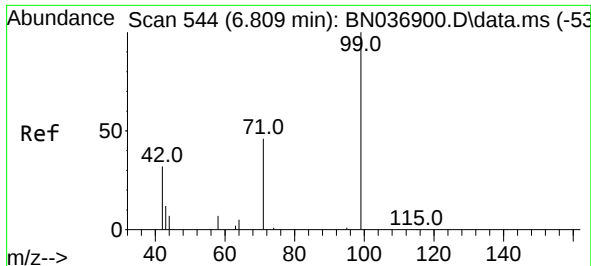
Tgt Ion:152 Resp: 1388
Ion Ratio Lower Upper
152 100
150 151.9 121.4 182.2
115 68.8 55.4 83.2



#4
2-Fluorophenol
Concen: 0.427 ng
RT: 5.228 min Scan# 325
Delta R.T. 0.000 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

Tgt Ion:112 Resp: 1402
Ion Ratio Lower Upper
112 100
64 67.8 54.4 81.6
63 44.2 35.1 52.7

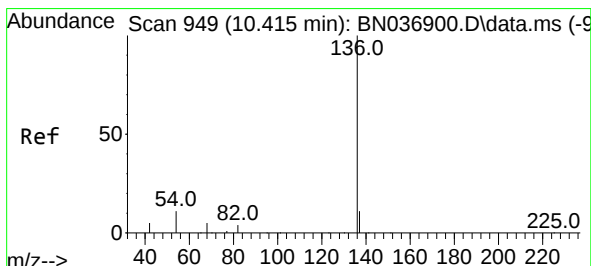
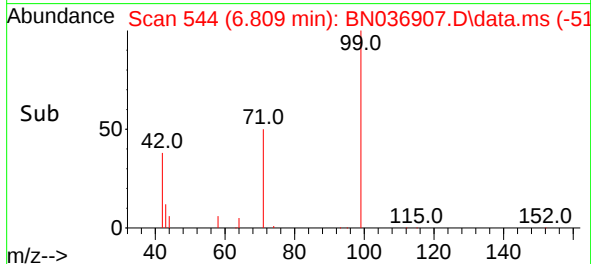
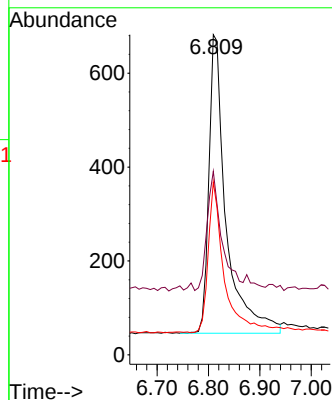
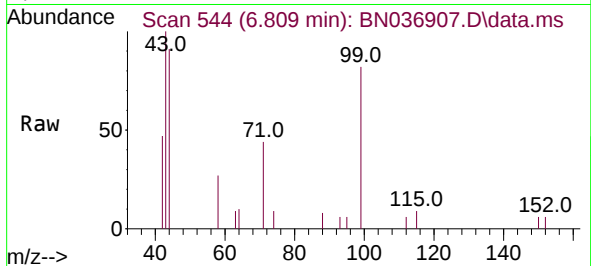




#5
Phenol-d6
Concen: 0.360 ng
RT: 6.809 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

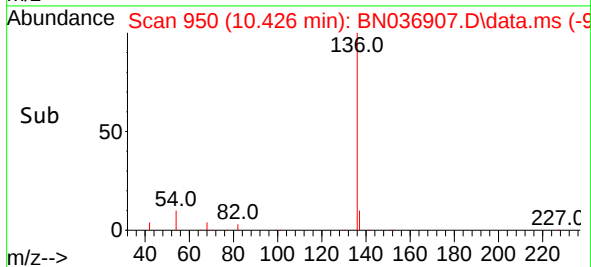
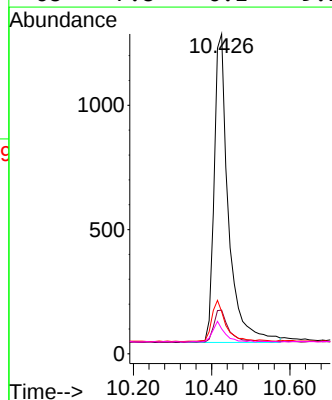
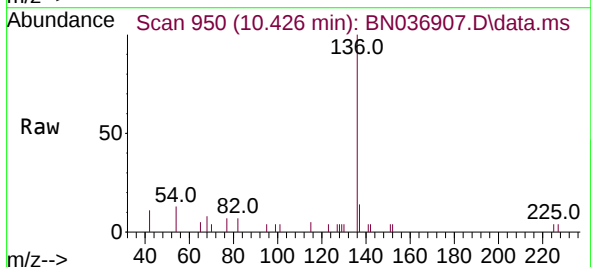
Instrument :
BNA_N
ClientSampleId :
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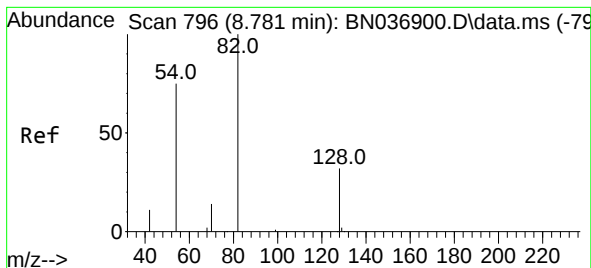
Tgt Ion: 99 Resp: 1482
Ion Ratio Lower Upper
99 100
42 34.0 30.6 45.8
71 48.8 38.0 57.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 950
Delta R.T. 0.011 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

Tgt Ion: 136 Resp: 3148
Ion Ratio Lower Upper
136 100
137 13.7 10.6 15.8
54 13.2 10.6 16.0
68 7.8 6.1 9.1

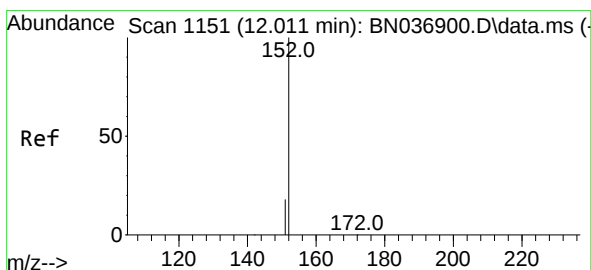
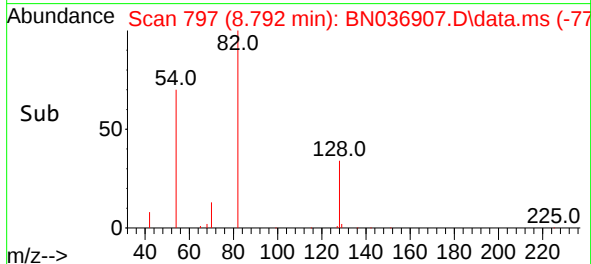
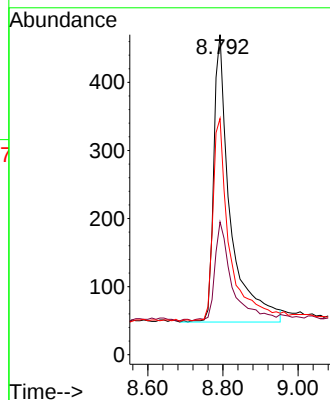
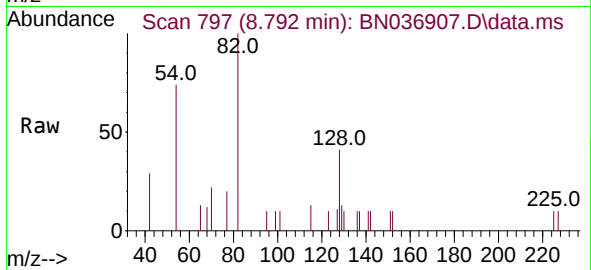




#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.792 min Scan# 796
Delta R.T. 0.011 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

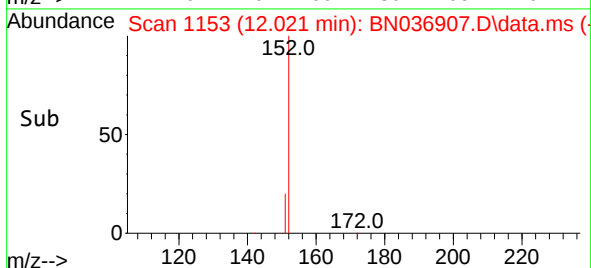
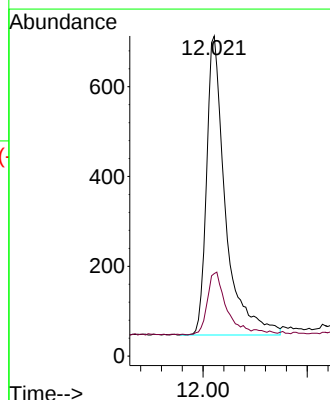
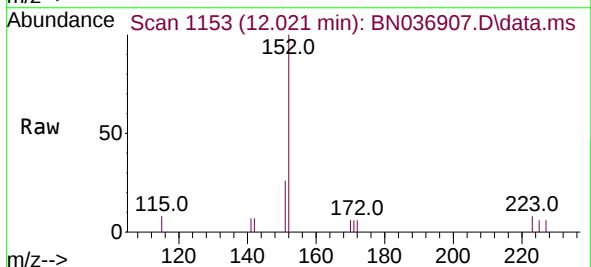
Instrument :
BNA_N
ClientSampleId :
PB167565BL

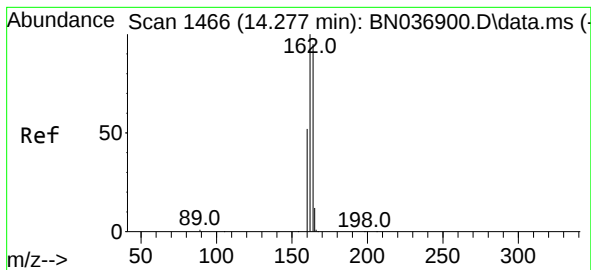
Tgt Ion: 82 Resp: 1291
Ion Ratio Lower Upper
82 100
128 41.5 29.0 43.4
54 73.8 60.8 91.2



#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.021 min Scan# 1153
Delta R.T. 0.010 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

Tgt Ion:152 Resp: 1679
Ion Ratio Lower Upper
152 100
151 21.1 17.1 25.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.277 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BN036907.D

Acq: 14 Apr 2025 19:28

Instrument :

BNA_N

ClientSampleId :

PB167565BL

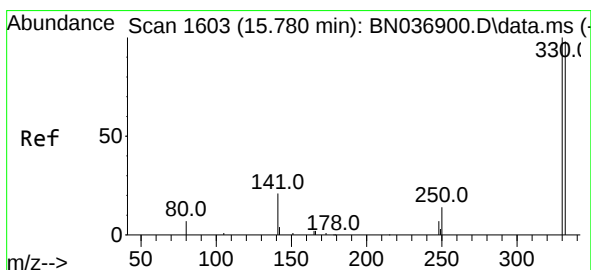
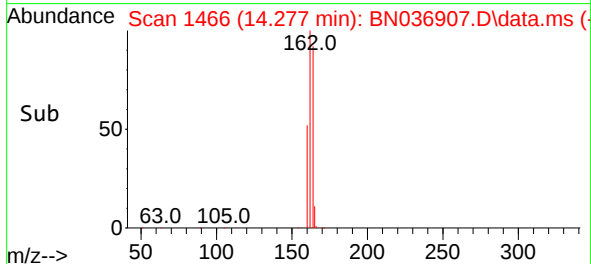
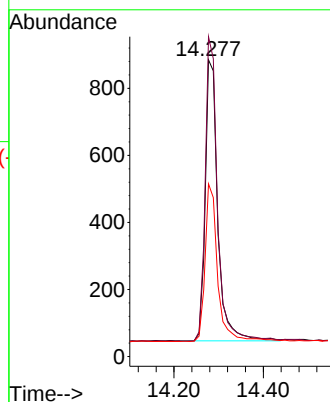
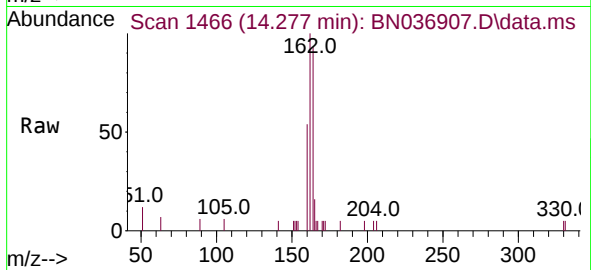
Tgt Ion:164 Resp: 1625

Ion Ratio Lower Upper

164 100

162 107.8 83.8 125.8

160 58.2 44.7 67.1



#14

2,4,6-Tribromophenol

Concen: 0.291 ng

RT: 15.780 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BN036907.D

Acq: 14 Apr 2025 19:28

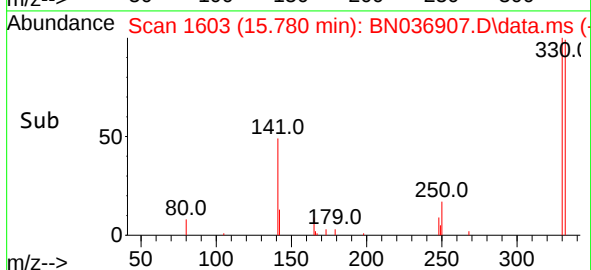
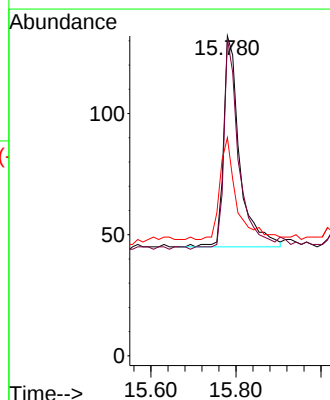
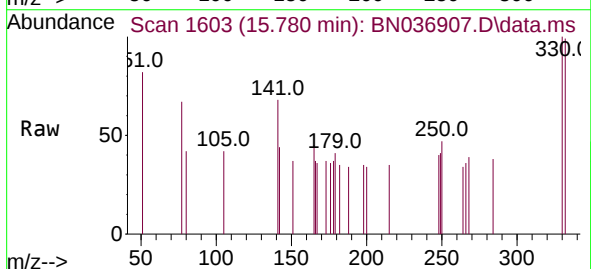
Tgt Ion:330 Resp: 227

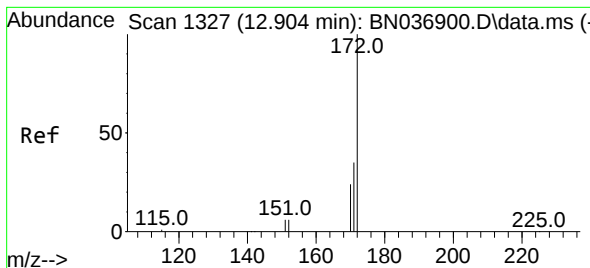
Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

141 50.7 44.5 66.7





#15

2-Fluorobiphenyl

Concen: 0.417 ng

RT: 12.909 min Scan# 11

Delta R.T. 0.005 min

Lab File: BN036907.D

Acq: 14 Apr 2025 19:28

Instrument :

BNA_N

ClientSampleId :

PB167565BL

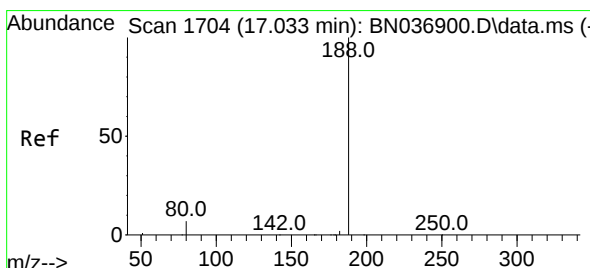
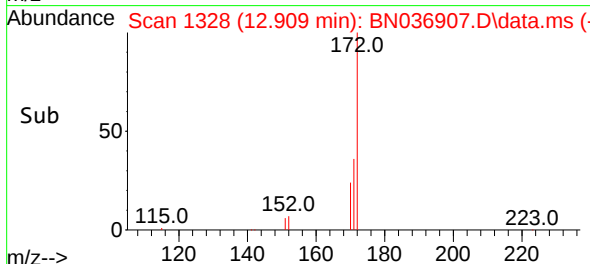
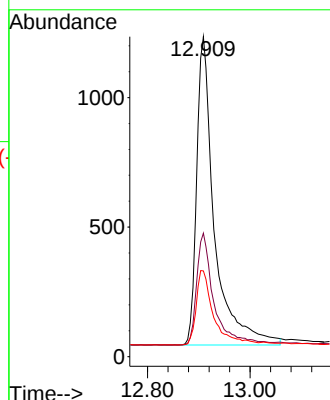
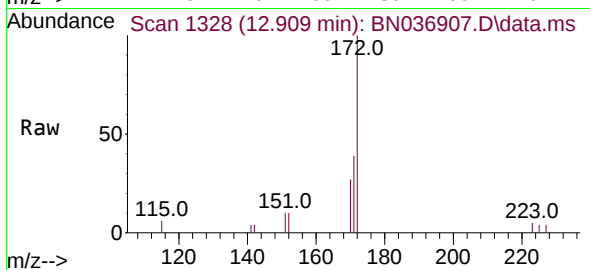
Tgt Ion:172 Resp: 3269

Ion Ratio Lower Upper

172 100

171 38.6 29.2 43.8

170 26.8 20.5 30.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.033 min Scan# 1704

Delta R.T. 0.000 min

Lab File: BN036907.D

Acq: 14 Apr 2025 19:28

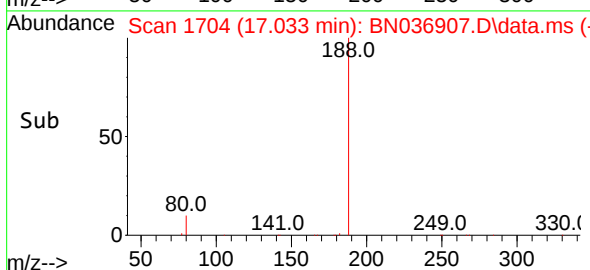
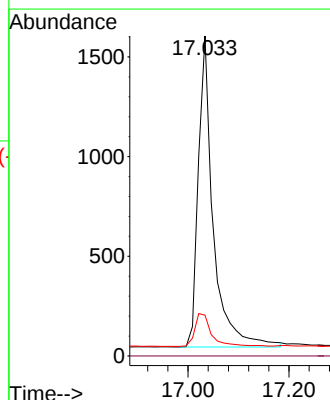
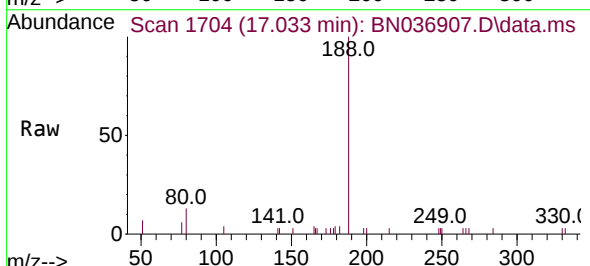
Tgt Ion:188 Resp: 3203

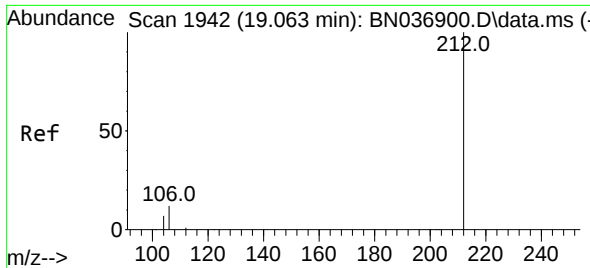
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 7.1 10.7#

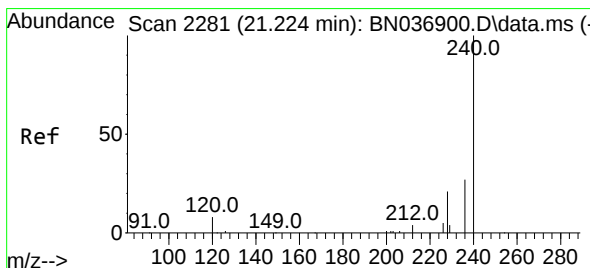
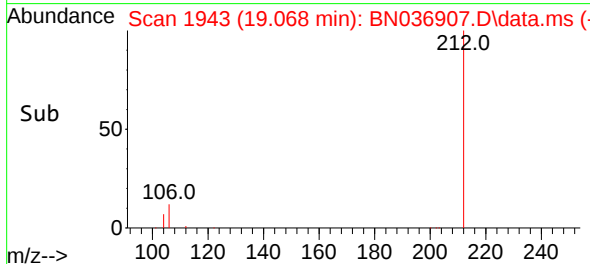
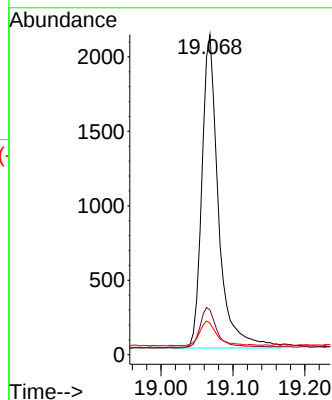
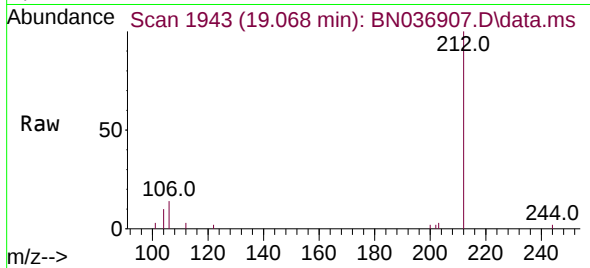




#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.068 min Scan# 1943
Delta R.T. 0.005 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

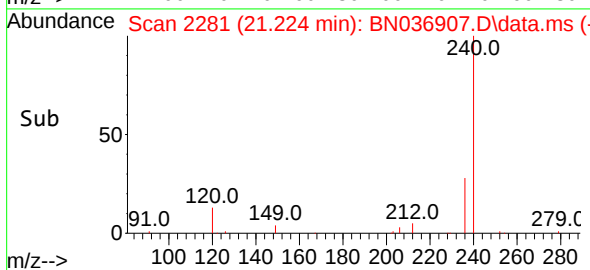
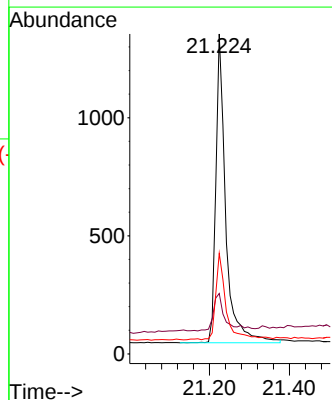
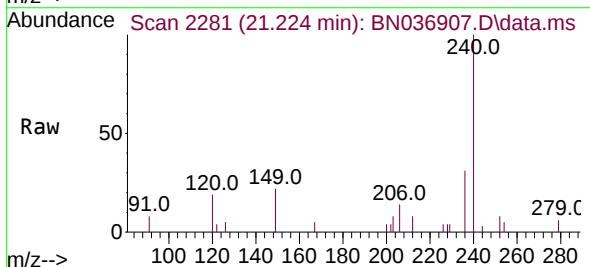
Instrument :
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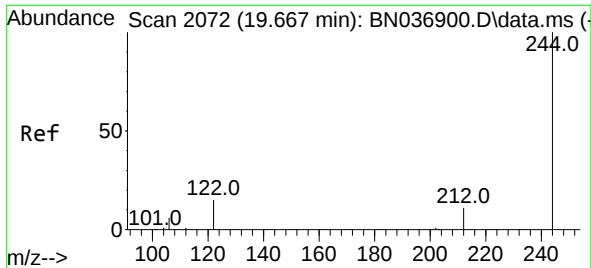
Tgt Ion:212 Resp: 3368
Ion Ratio Lower Upper
212 100
106 12.8 10.6 15.8
104 8.0 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.224 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BN036907.D
Acq: 14 Apr 2025 19:28

Tgt Ion:240 Resp: 2249
Ion Ratio Lower Upper
240 100
120 18.9 9.8 14.6#
236 31.4 23.1 34.7

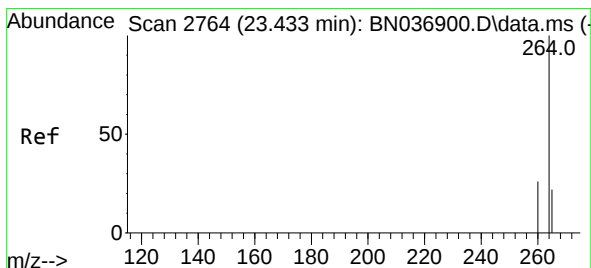
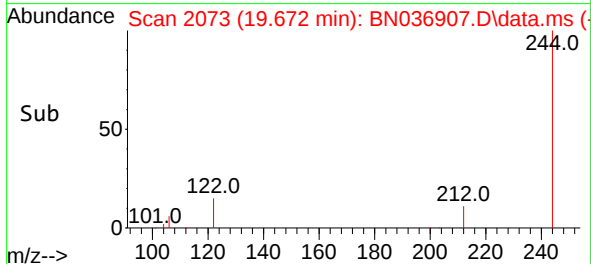
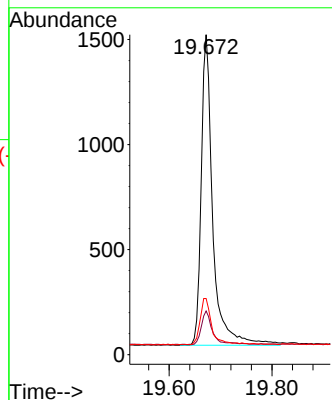
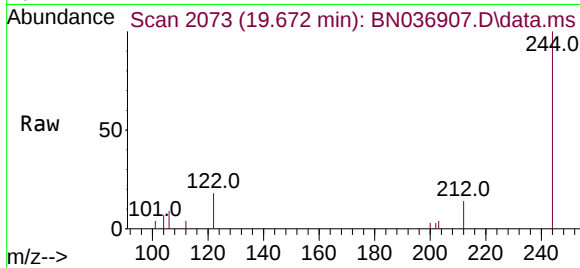




#31
 Terphenyl-d14
 Concen: 0.469 ng
 RT: 19.672 min Scan# 2073
 Delta R.T. 0.005 min
 Lab File: BN036907.D
 Acq: 14 Apr 2025 19:28

Instrument :
 BNA_N
 ClientSampleId :
 PB167565BL

Tgt Ion:244	Resp:	2308
Ion Ratio	Lower	Upper
244	100	
212	13.7	10.1 15.1
122	17.5	13.6 20.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.439 min Scan# 2766
 Delta R.T. 0.006 min
 Lab File: BN036907.D
 Acq: 14 Apr 2025 19:28

Tgt Ion:264	Resp:	1884
Ion Ratio	Lower	Upper
264	100	
260	28.6	22.3 33.5
265	107.2	57.6 86.4

