

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043025\
 Data File : BN036942.D
 Acq On : 30 Apr 2025 11:38
 Operator : RC/JU
 Sample : PB167760BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167760BL

Quant Time: Apr 30 12:32:03 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	2641	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	6297	0.400	ng	0.00
13) Acenaphthene-d10	14.277	164	3237	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	6245	0.400	ng	0.00
29) Chrysene-d12	21.224	240	4196	0.400	ng	# 0.00
35) Perylene-d12	23.430	264	3575	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	1874	0.277	ng	0.00
5) Phenol-d6	6.809	99	2138	0.257	ng	0.00
8) Nitrobenzene-d5	8.781	82	1844	0.280	ng	0.00
11) 2-Methylnaphthalene-d10	12.016	152	2412	0.274	ng	0.01
14) 2,4,6-Tribromophenol	15.780	330	229	0.159	ng	0.01
15) 2-Fluorobiphenyl	12.904	172	4560	0.291	ng	0.00
27) Fluoranthene-d10	19.059	212	4593	0.284	ng	0.00
31) Terphenyl-d14	19.667	244	3061	0.309	ng	0.00

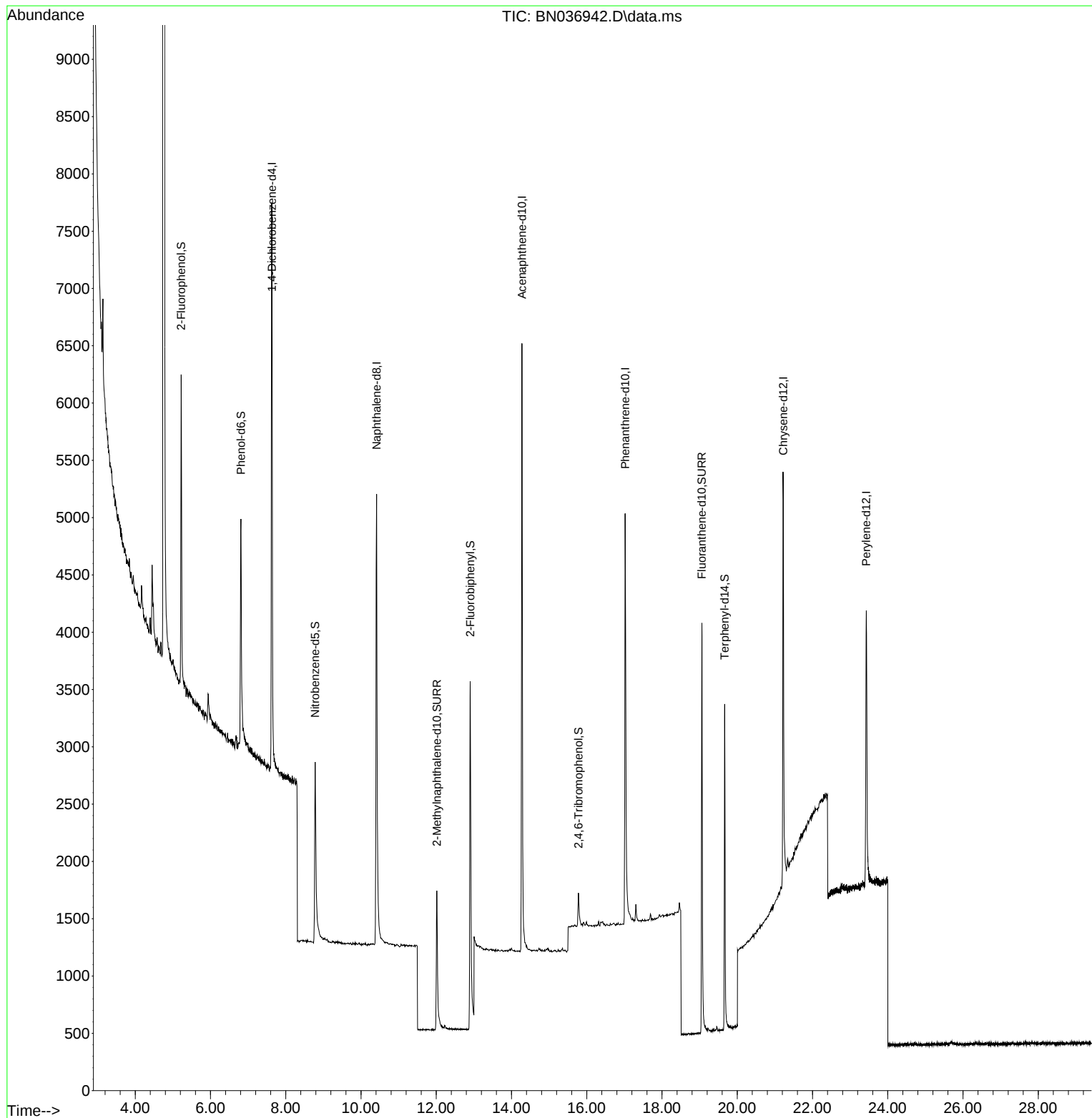
Target Compounds Qvalue

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

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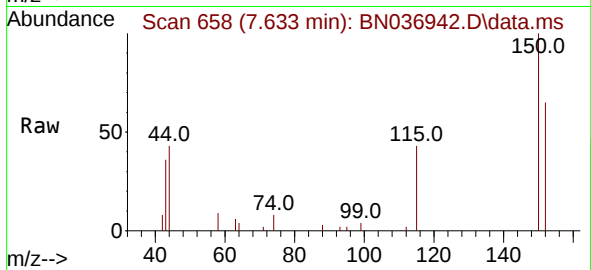
Quant Time: Apr 30 12:32:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
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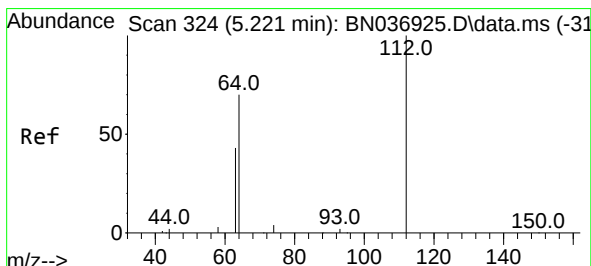
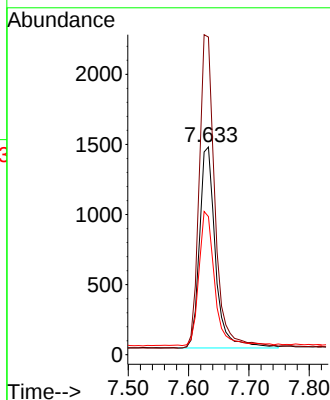
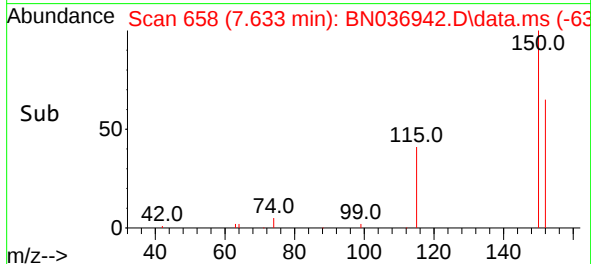


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036942.D
Acq: 30 Apr 2025 11:38

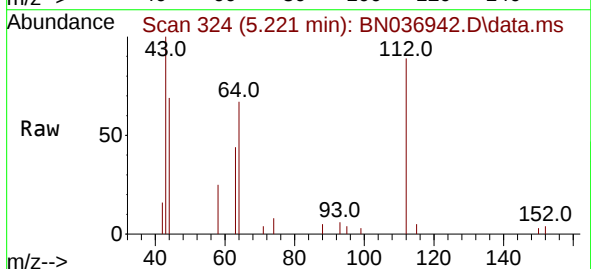
Instrument :
BNA_N
ClientSampleId :
PB167760BL



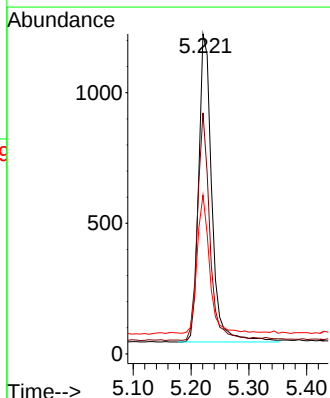
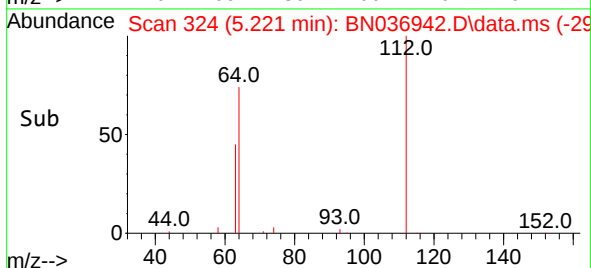
Tgt Ion:152 Resp: 2641
Ion Ratio Lower Upper
152 100
150 152.9 121.1 181.7
115 66.5 51.8 77.6

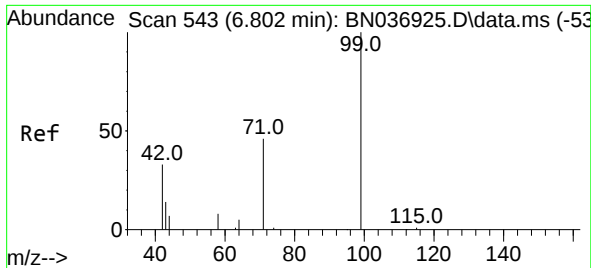


#4
2-Fluorophenol
Concen: 0.277 ng
RT: 5.221 min Scan# 324
Delta R.T. 0.000 min
Lab File: BN036942.D
Acq: 30 Apr 2025 11:38



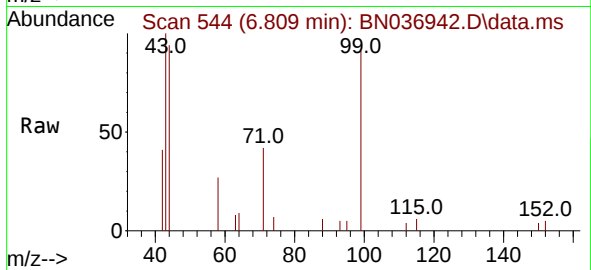
Tgt Ion:112 Resp: 1874
Ion Ratio Lower Upper
112 100
64 69.1 55.7 83.5
63 42.5 33.9 50.9



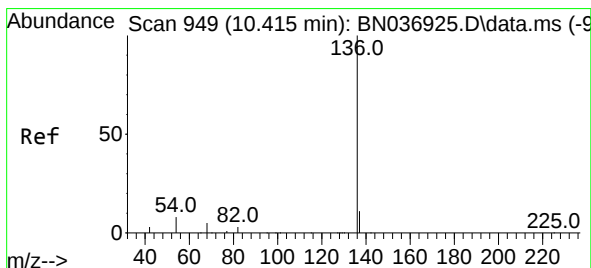
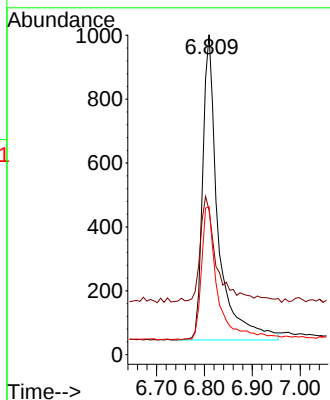
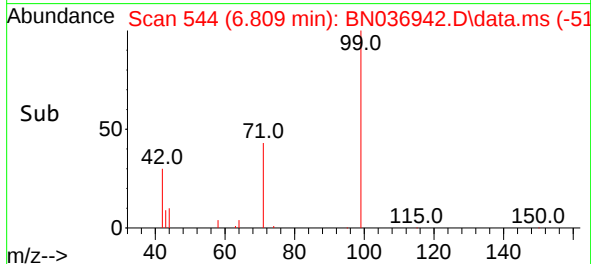


#5
Phenol-d6
Concen: 0.257 ng
RT: 6.809 min Scan# 543
Delta R.T. 0.007 min
Lab File: BN036942.D
Acq: 30 Apr 2025 11:38

Instrument :
BNA_N
ClientSampleId :
PB167760BL

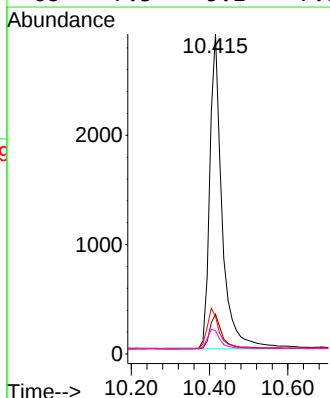
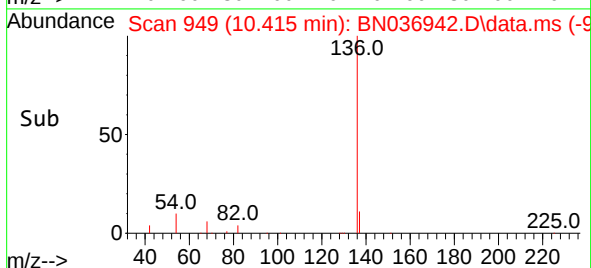
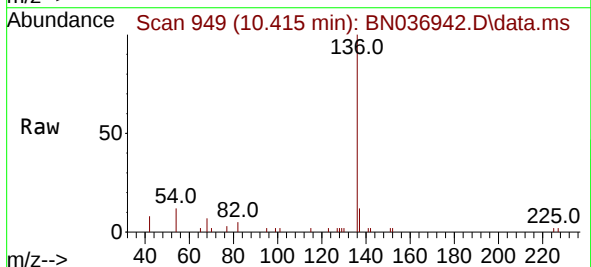


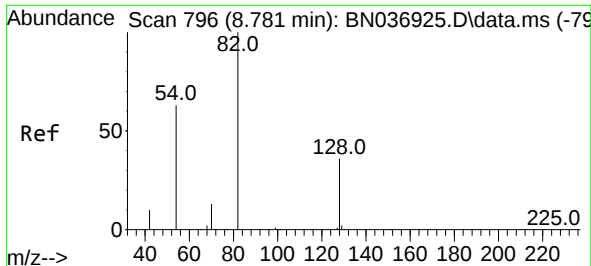
Tgt Ion:	99	Resp:	2138
Ion	Ratio	Lower	Upper
99	100		
42	34.0	29.6	44.4
71	46.1	36.0	54.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN036942.D
Acq: 30 Apr 2025 11:38

Tgt Ion:	136	Resp:	6297
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	11.8	8.0	12.0
68	7.3	5.1	7.7

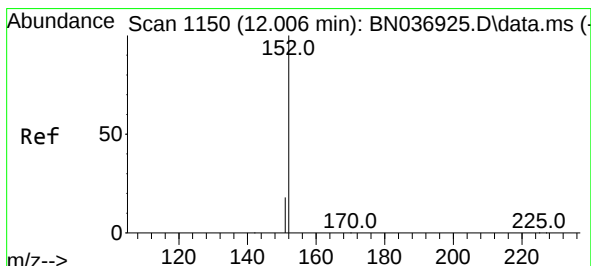
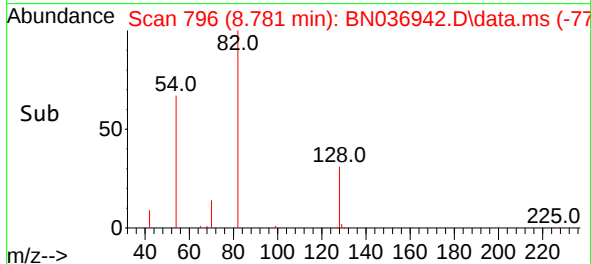
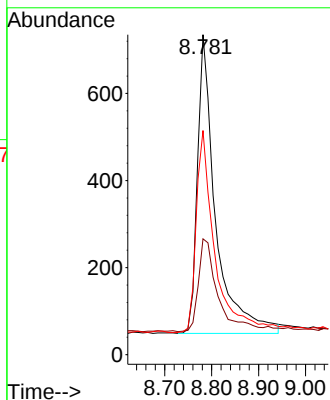
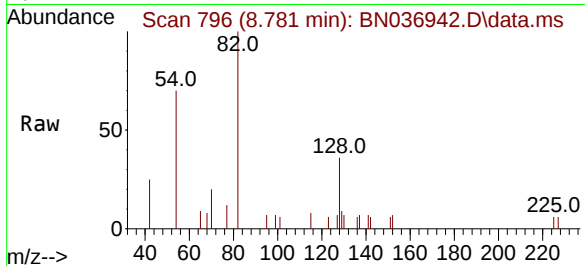




#8
 Nitrobenzene-d5
 Concen: 0.280 ng
 RT: 8.781 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: BN036942.D
 Acq: 30 Apr 2025 11:38

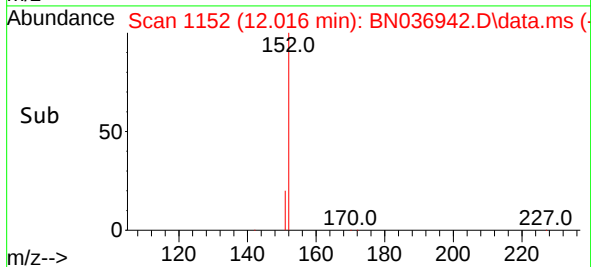
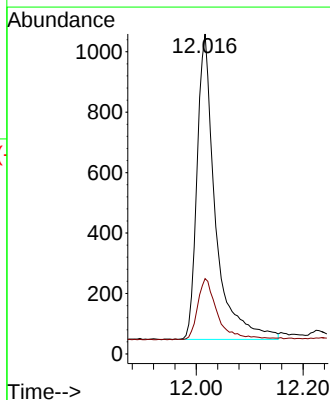
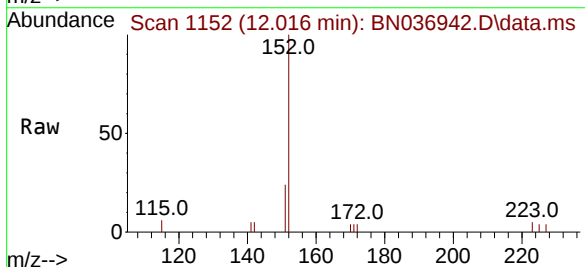
Instrument :
 BNA_N
 ClientSampleId :
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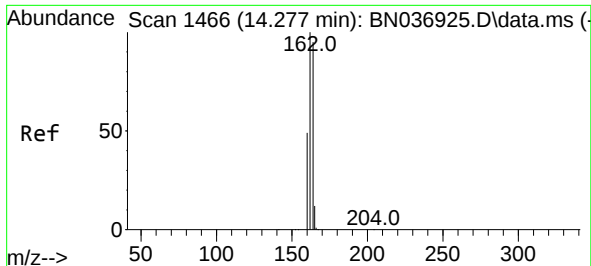
Tgt Ion: 82 Resp: 1844
 Ion Ratio Lower Upper
 82 100
 128 36.2 30.7 46.1
 54 70.1 52.1 78.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.274 ng
 RT: 12.016 min Scan# 1152
 Delta R.T. 0.010 min
 Lab File: BN036942.D
 Acq: 30 Apr 2025 11:38

Tgt Ion: 152 Resp: 2412
 Ion Ratio Lower Upper
 152 100
 151 21.5 16.9 25.3

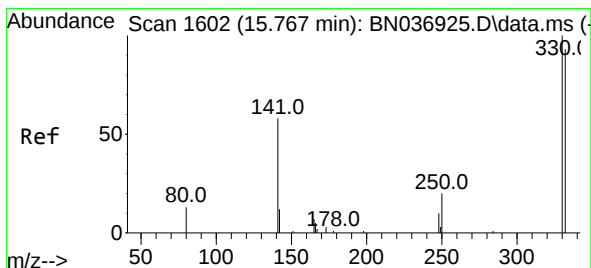
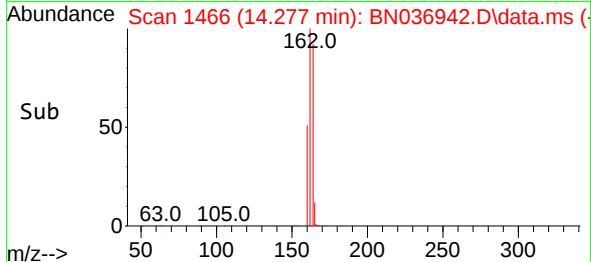
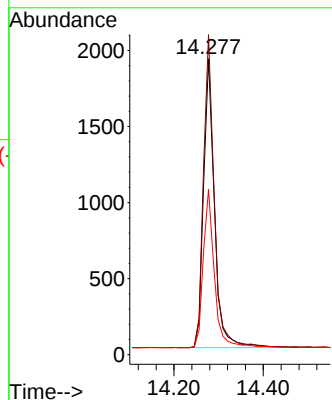
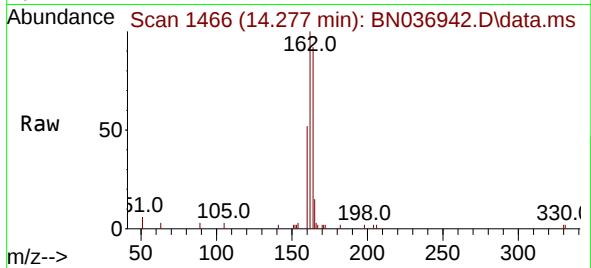




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN036942.D
Acq: 30 Apr 2025 11:38

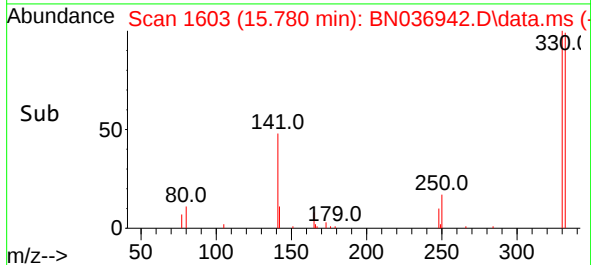
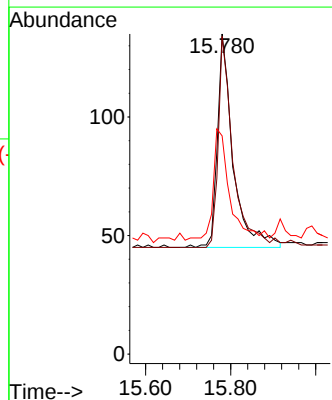
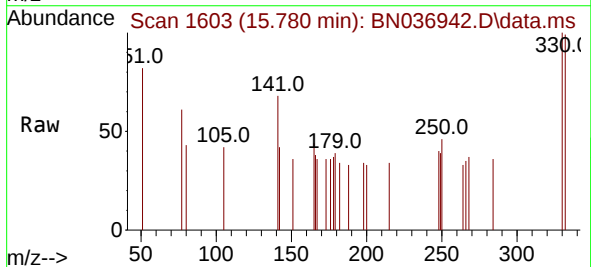
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BNA_N
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PB167760BL

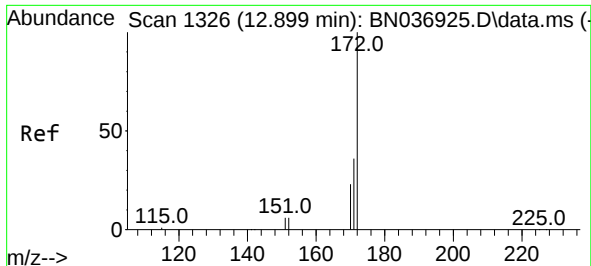
Tgt Ion:164 Resp: 3237
Ion Ratio Lower Upper
164 100
162 108.1 83.8 125.8
160 56.0 42.0 63.0



#14
2,4,6-Tribromophenol
Concen: 0.159 ng
RT: 15.780 min Scan# 1603
Delta R.T. 0.012 min
Lab File: BN036942.D
Acq: 30 Apr 2025 11:38

Tgt Ion:330 Resp: 229
Ion Ratio Lower Upper
330 100
332 94.8 76.3 114.5
141 52.8 45.4 68.2

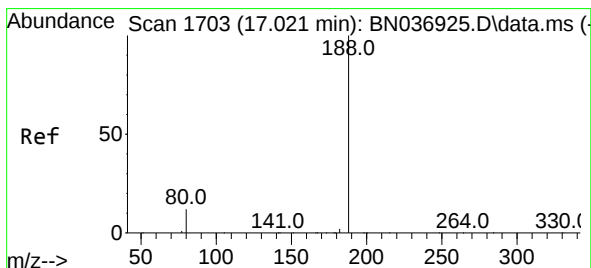
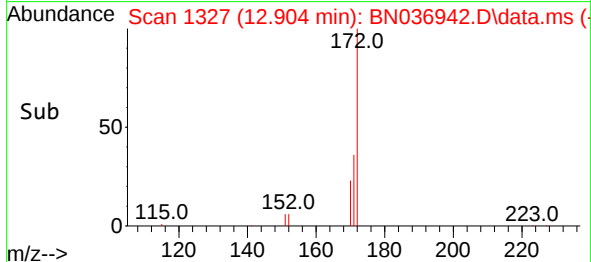
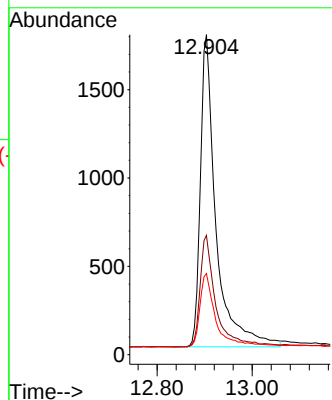
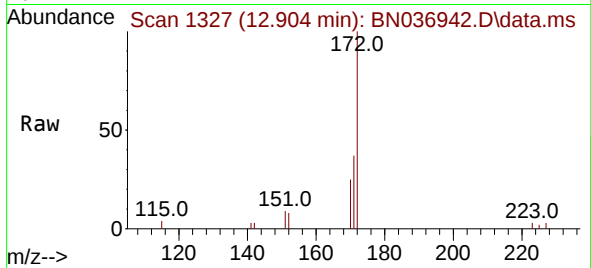




#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 12.904 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036942.D
Acq: 30 Apr 2025 11:38

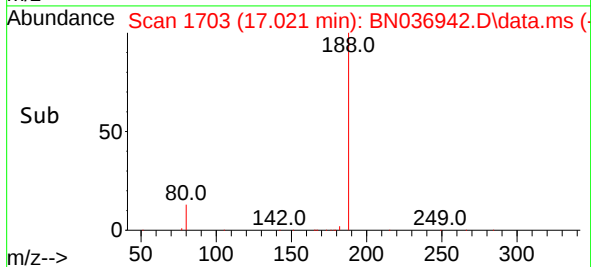
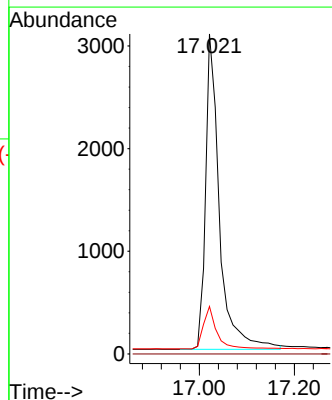
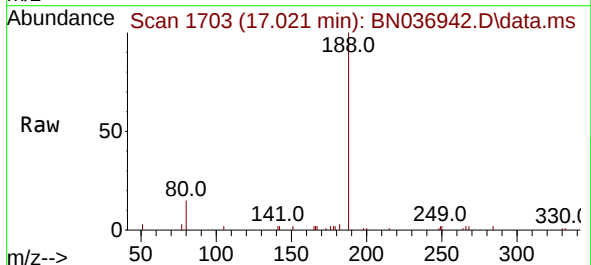
Instrument :
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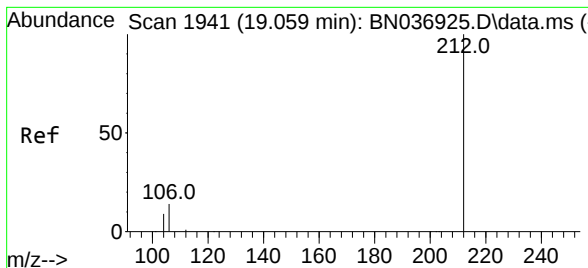
Tgt Ion:172 Resp: 4560
Ion Ratio Lower Upper
172 100
171 37.3 29.4 44.0
170 25.3 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN036942.D
Acq: 30 Apr 2025 11:38

Tgt Ion:188 Resp: 6245
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 10.7 16.1





#27

Fluoranthene-d10

Concen: 0.284 ng

RT: 19.059 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BN036942.D

Acq: 30 Apr 2025 11:38

Instrument :

BNA_N

ClientSampleId :

PB167760BL

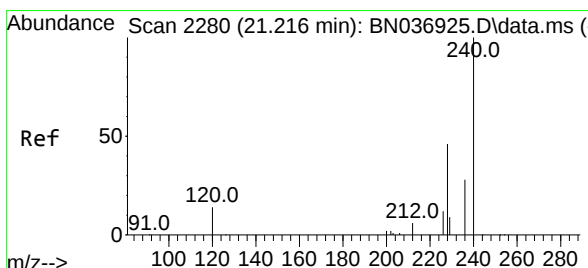
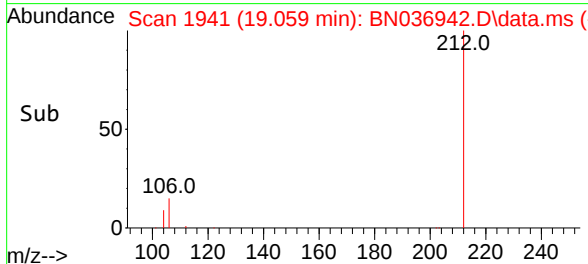
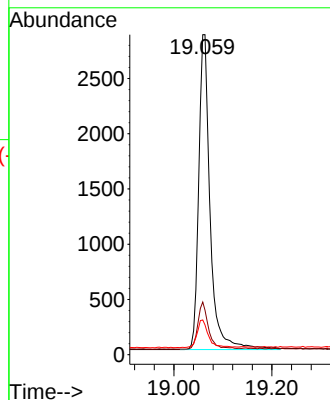
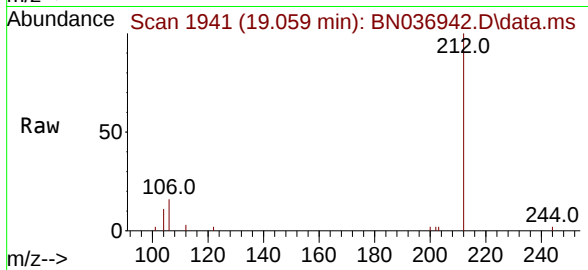
Tgt Ion:212 Resp: 4593

Ion Ratio Lower Upper

212 100

106 13.8 11.6 17.4

104 8.7 7.0 10.4



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.224 min Scan# 2281

Delta R.T. 0.009 min

Lab File: BN036942.D

Acq: 30 Apr 2025 11:38

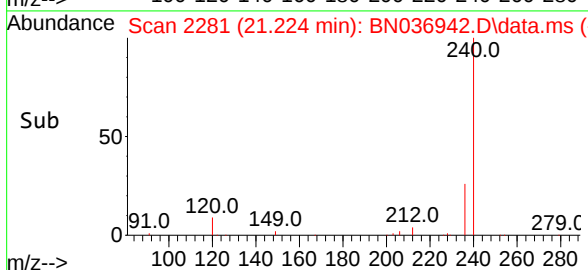
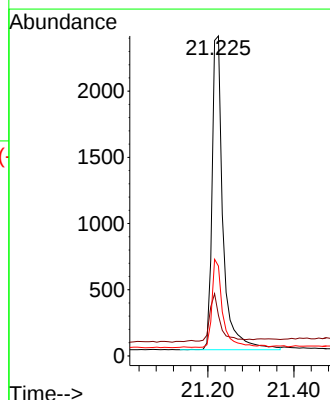
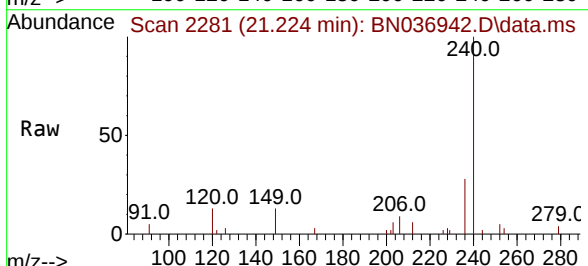
Tgt Ion:240 Resp: 4196

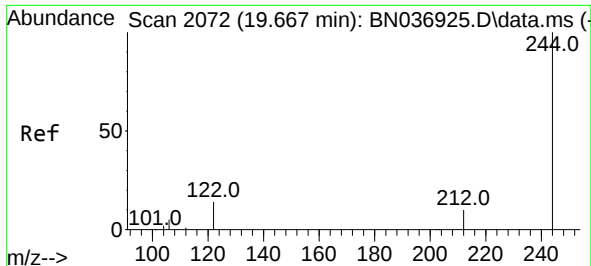
Ion Ratio Lower Upper

240 100

120 12.7 14.1 21.1#

236 28.1 23.8 35.8

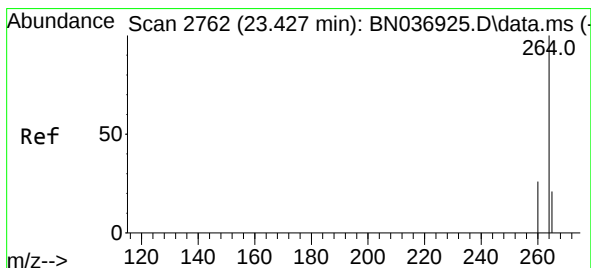
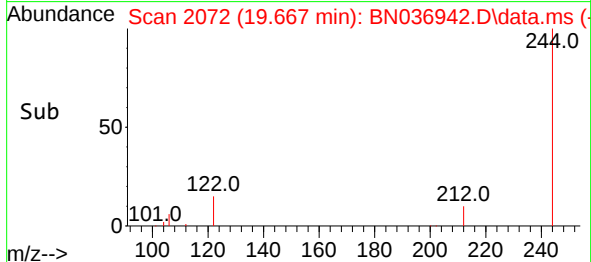
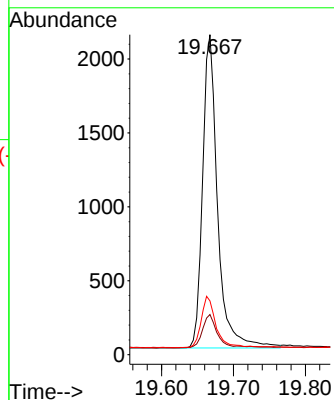
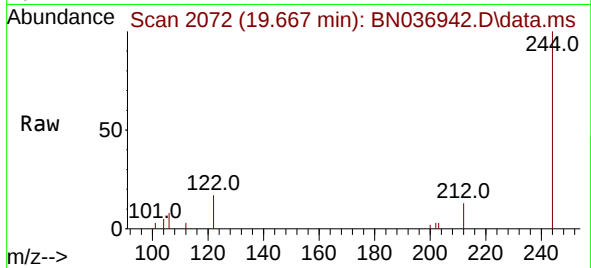




#31
 Terphenyl-d14
 Concen: 0.309 ng
 RT: 19.667 min Scan# 2072
 Delta R.T. 0.000 min
 Lab File: BN036942.D
 Acq: 30 Apr 2025 11:38

Instrument :
 BNA_N
 ClientSampleId :
 PB167760BL

Tgt Ion:244 Resp: 3061
 Ion Ratio Lower Upper
 244 100
 212 12.6 9.6 14.4
 122 16.8 12.7 19.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.430 min Scan# 2763
 Delta R.T. 0.003 min
 Lab File: BN036942.D
 Acq: 30 Apr 2025 11:38

Tgt Ion:264 Resp: 3575
 Ion Ratio Lower Upper
 264 100
 260 27.9 22.2 33.2
 265 79.4 65.8 98.6

