

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030625\
 Data File : BN036535.D
 Acq On : 06 Mar 2025 14:48
 Operator : RC/JU
 Sample : PB167006BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167006BL

Quant Time: Mar 06 15:34:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 16:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1970	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	4027	0.400	ng	0.02
13) Acenaphthene-d10	14.377	164	2414	0.400	ng	0.01
19) Phenanthrene-d10	17.124	188	4679	0.400	ng	# 0.01
29) Chrysene-d12	21.304	240	4156	0.400	ng	# 0.00
35) Perylene-d12	23.569	264	3735	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1966	0.422	ng	0.00
5) Phenol-d6	6.908	99	1962	0.359	ng	0.00
8) Nitrobenzene-d5	8.886	82	1628	0.410	ng	0.01
11) 2-Methylnaphthalene-d10	12.131	152	2309	0.373	ng	0.03
14) 2,4,6-Tribromophenol	15.882	330	337	0.282	ng	0.02
15) 2-Fluorobiphenyl	13.008	172	3433	0.378	ng	0.02
27) Fluoranthene-d10	19.150	212	5795	0.445	ng	0.00
31) Terphenyl-d14	19.754	244	3979	0.449	ng	0.00

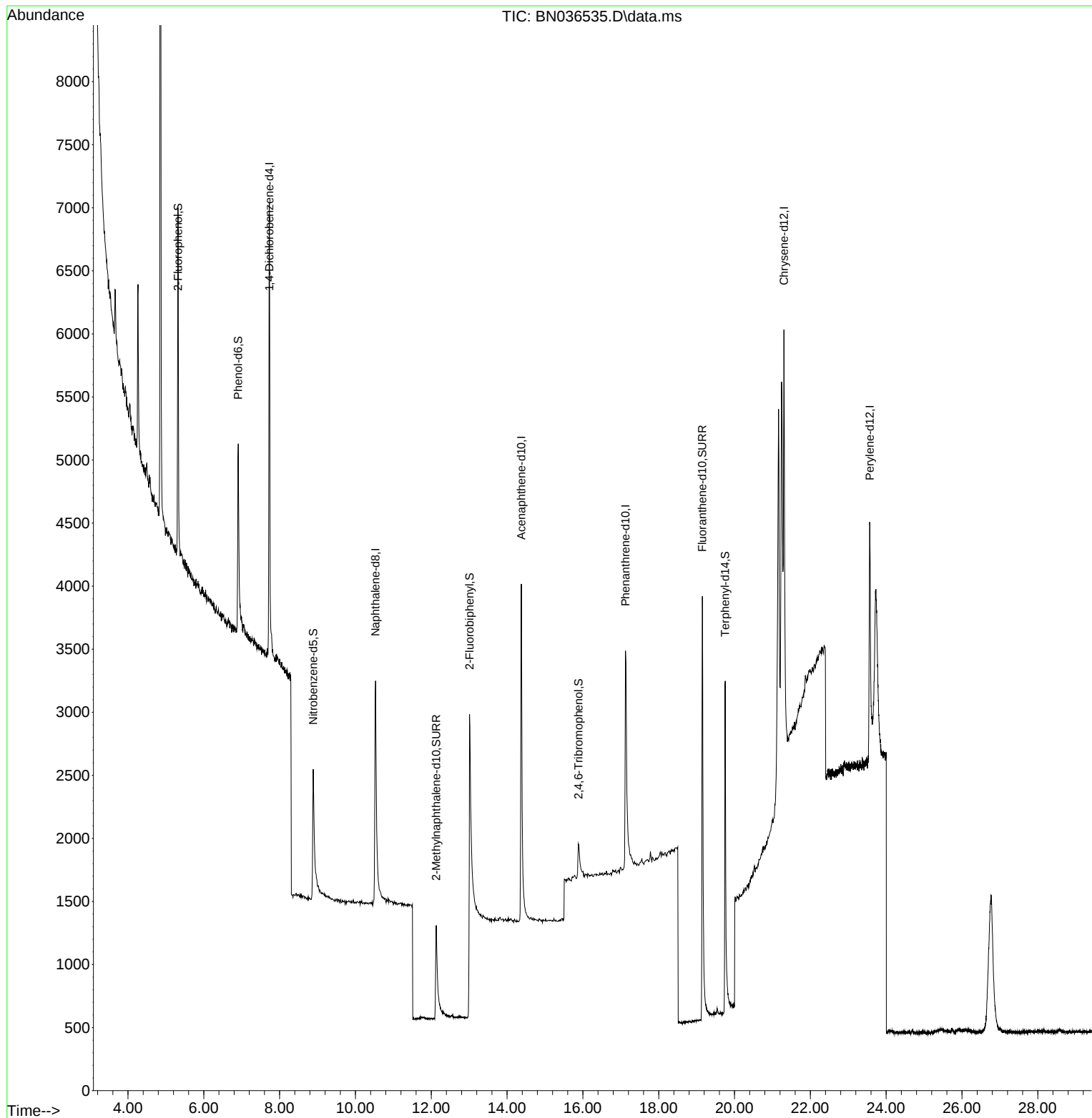
Target Compounds Qvalue

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

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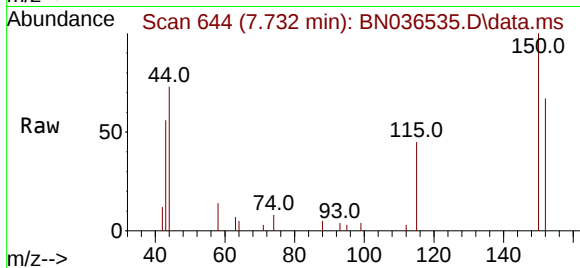
Quant Time: Mar 06 15:34:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration



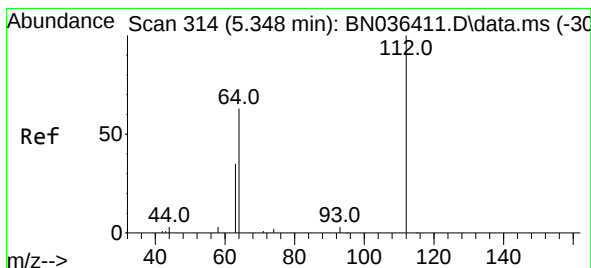
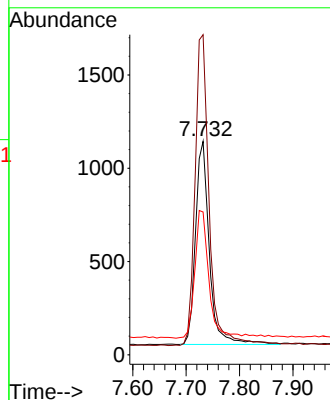
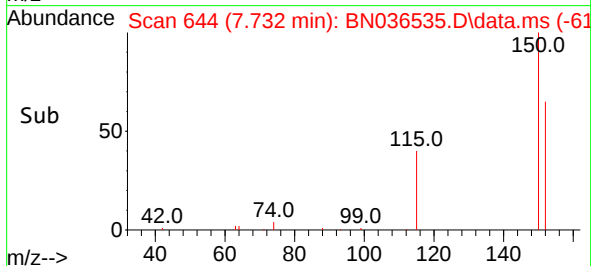


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN036535.D
Acq: 06 Mar 2025 14:48

Instrument :
BNA_N
ClientSampleId :
PB167006BL

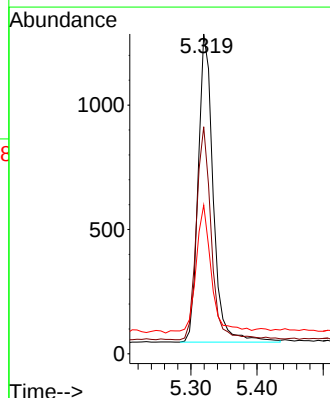
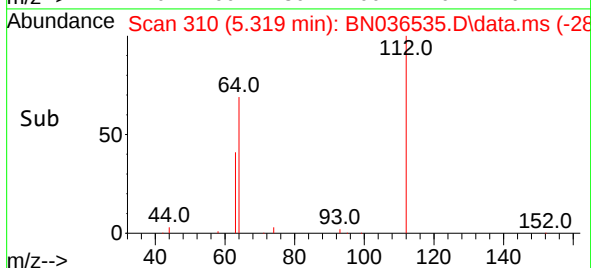
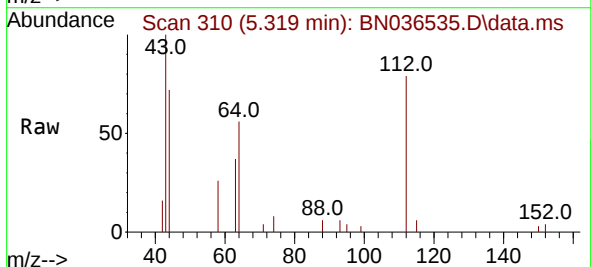


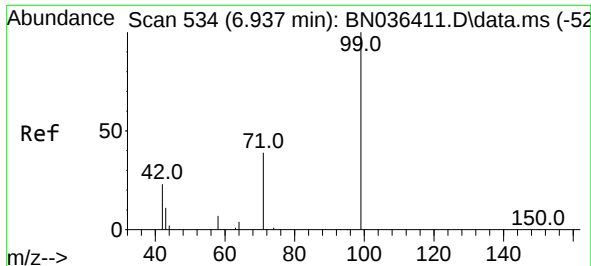
Tgt Ion:152 Resp: 1970
Ion Ratio Lower Upper
152 100
150 150.0 123.7 185.5
115 67.0 52.5 78.7



#4
2-Fluorophenol
Concen: 0.422 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.000 min
Lab File: BN036535.D
Acq: 06 Mar 2025 14:48

Tgt Ion:112 Resp: 1966
Ion Ratio Lower Upper
112 100
64 68.5 53.4 80.0
63 42.7 30.3 45.5

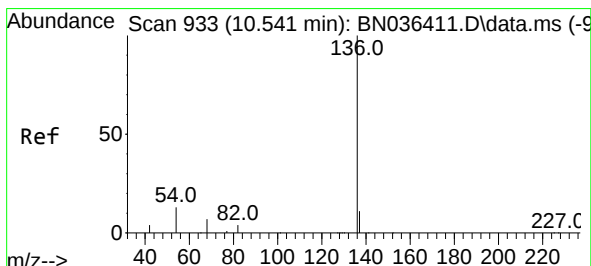
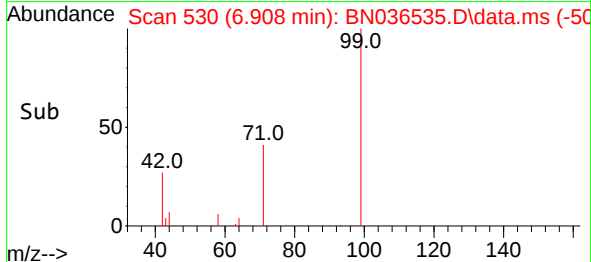
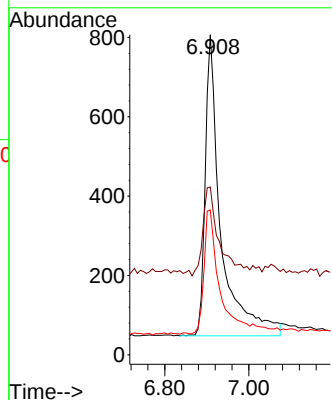
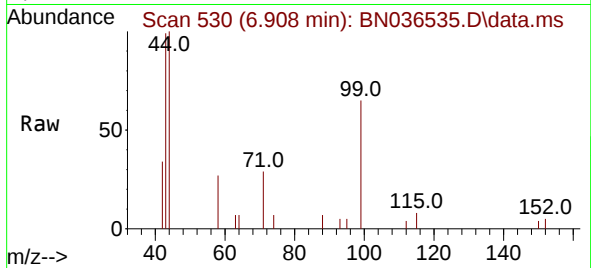




#5
Phenol-d6
Concen: 0.359 ng
RT: 6.908 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036535.D
Acq: 06 Mar 2025 14:48

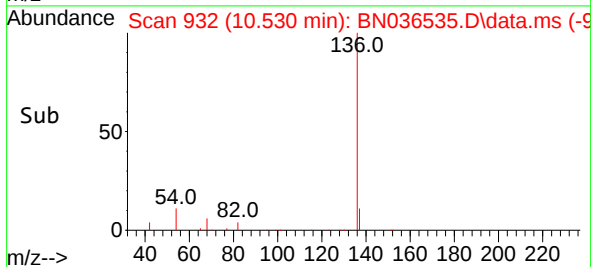
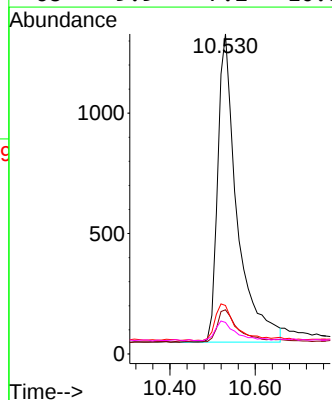
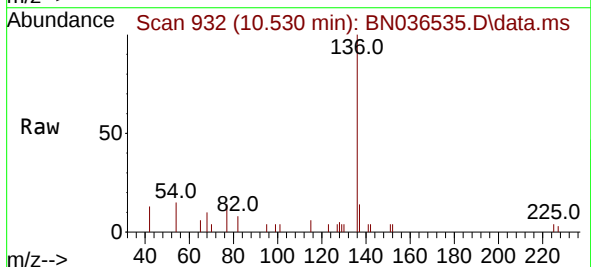
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BNA_N
ClientSampleId :
PB167006BL

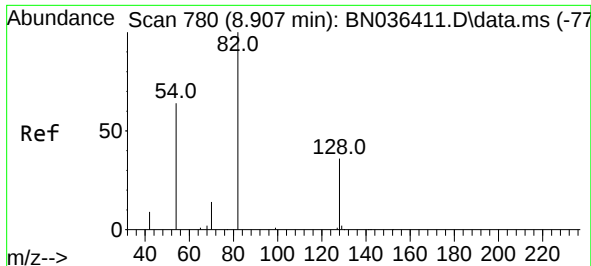
Tgt Ion: 99 Resp: 1962
Ion Ratio Lower Upper
99 100
42 30.9 21.7 32.5
71 43.1 32.6 49.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.021 min
Lab File: BN036535.D
Acq: 06 Mar 2025 14:48

Tgt Ion: 136 Resp: 4027
Ion Ratio Lower Upper
136 100
137 13.8 10.1 15.1
54 15.1 11.8 17.6
68 9.9 7.2 10.8

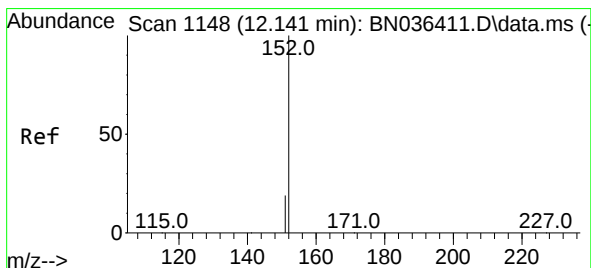
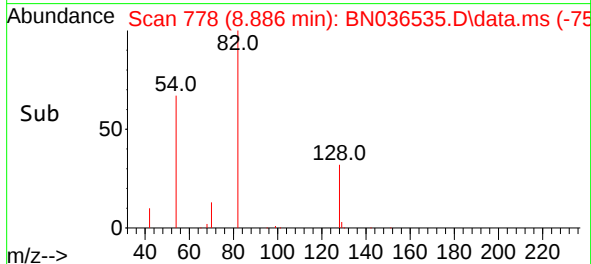
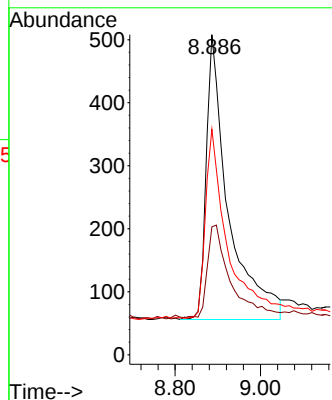
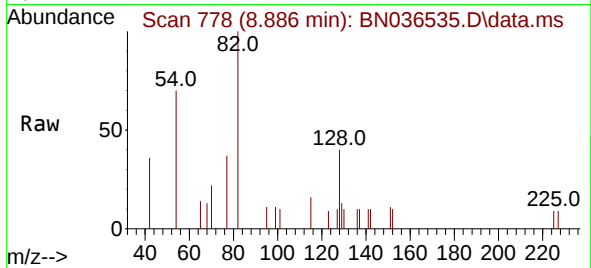




#8
Nitrobenzene-d5
Concen: 0.410 ng
RT: 8.886 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN036535.D
Acq: 06 Mar 2025 14:48

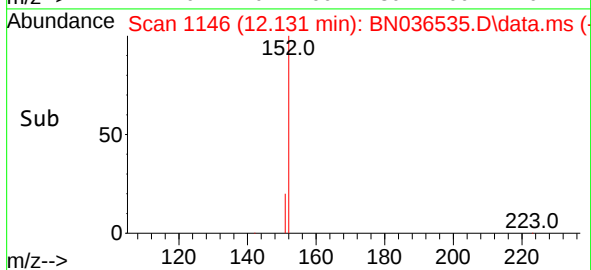
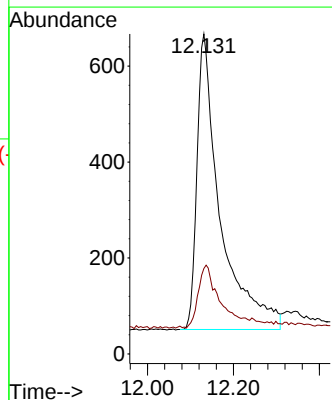
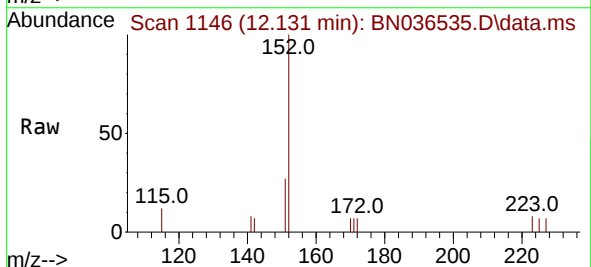
Instrument :
BNA_N
ClientSampleId :
PB167006BL

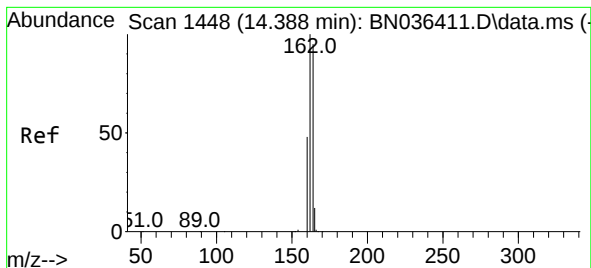
Tgt Ion: 82 Resp: 1628
Ion Ratio Lower Upper
82 100
128 40.0 31.9 47.9
54 70.5 53.1 79.7



#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.131 min Scan# 1146
Delta R.T. 0.025 min
Lab File: BN036535.D
Acq: 06 Mar 2025 14:48

Tgt Ion:152 Resp: 2309
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.377 min Scan# 1447

Delta R.T. 0.011 min

Lab File: BN036535.D

Acq: 06 Mar 2025 14:48

Instrument :

BNA_N

ClientSampleId :

PB167006BL

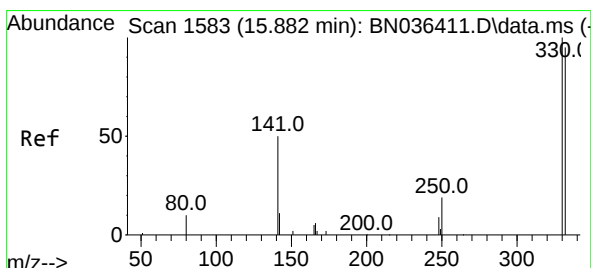
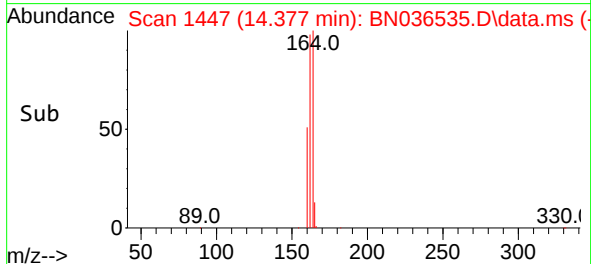
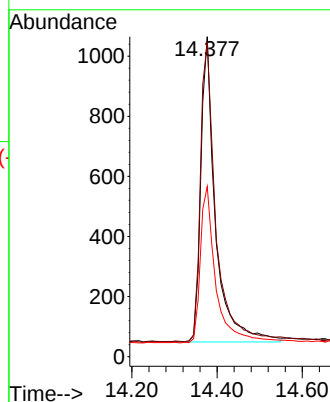
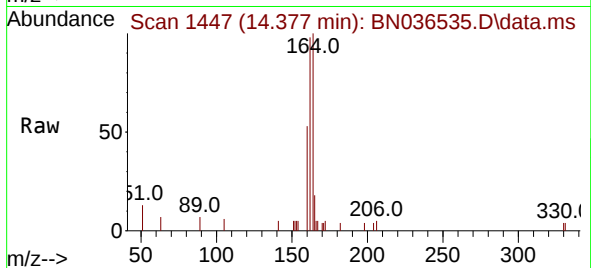
Tgt Ion:164 Resp: 2414

Ion Ratio Lower Upper

164 100

162 98.4 84.1 126.1

160 53.1 41.4 62.0



#14

2,4,6-Tribromophenol

Concen: 0.282 ng

RT: 15.882 min Scan# 1583

Delta R.T. 0.025 min

Lab File: BN036535.D

Acq: 06 Mar 2025 14:48

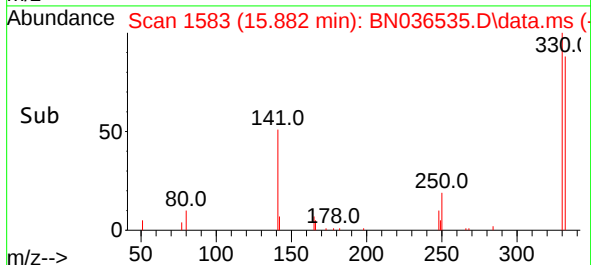
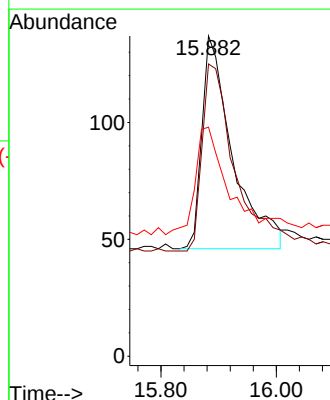
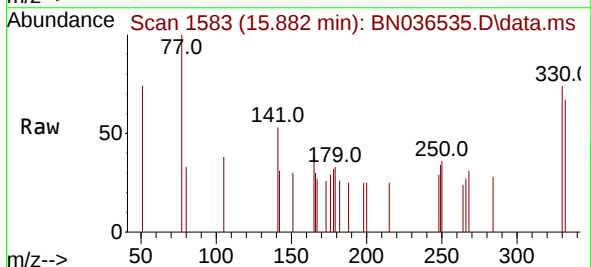
Tgt Ion:330 Resp: 337

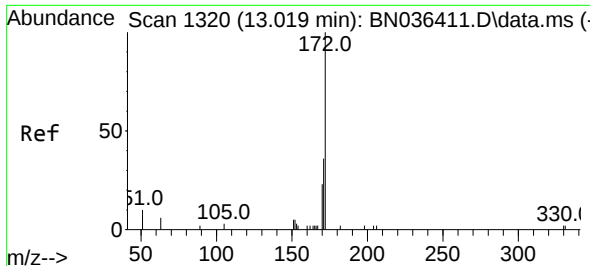
Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

141 53.7 37.8 56.8

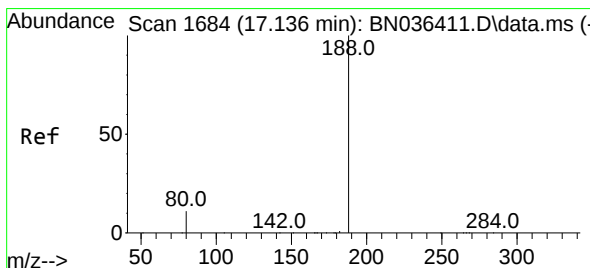
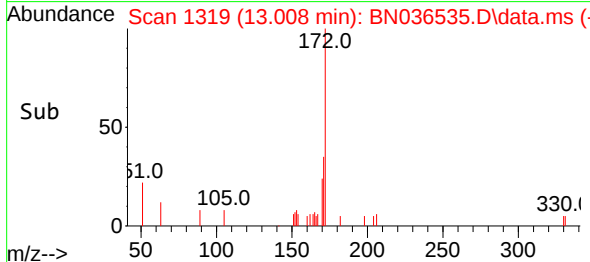
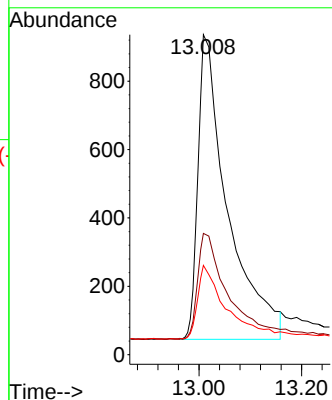
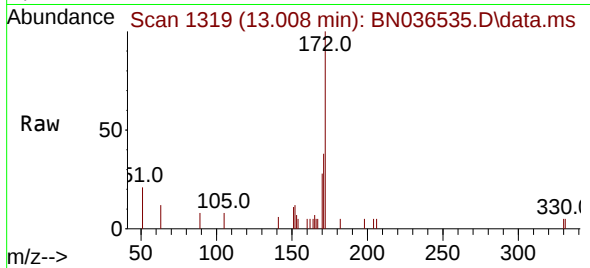




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.008 min Scan# 11
Delta R.T. 0.020 min
Lab File: BN036535.D
Acq: 06 Mar 2025 14:48

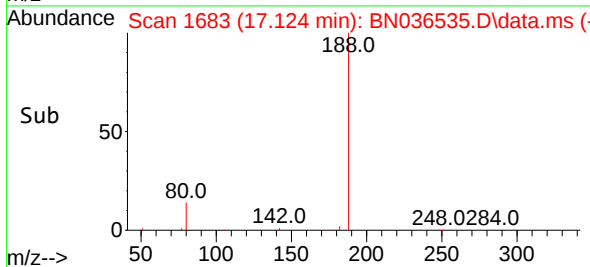
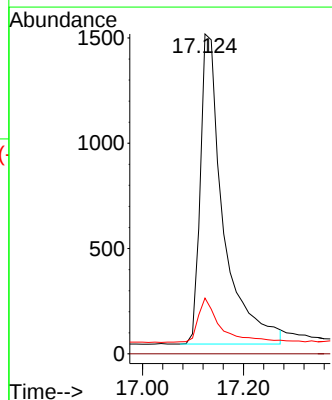
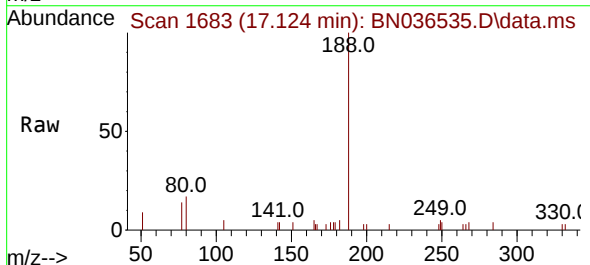
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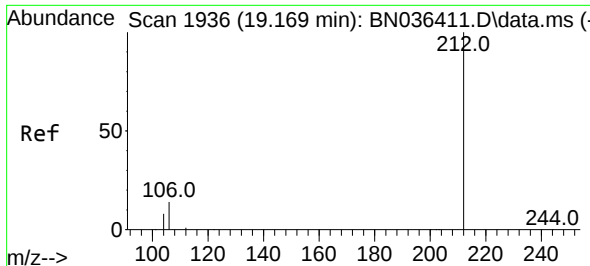
Tgt Ion:172 Resp: 3433
Ion Ratio Lower Upper
172 100
171 37.9 29.6 44.4
170 27.9 19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.012 min
Lab File: BN036535.D
Acq: 06 Mar 2025 14:48

Tgt Ion:188 Resp: 4679
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.4 9.8 14.6#

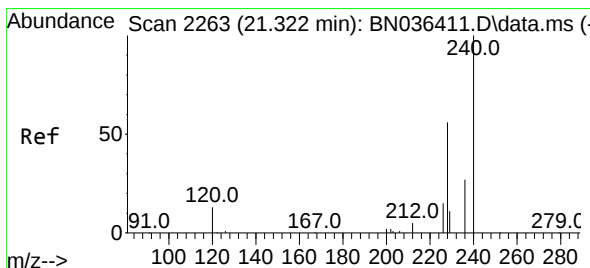
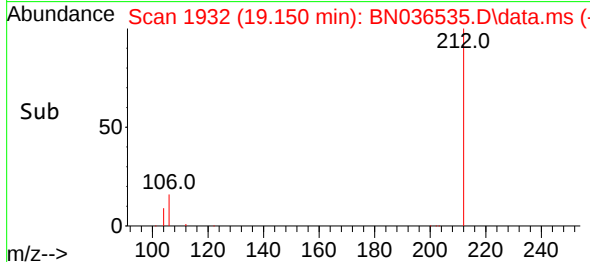
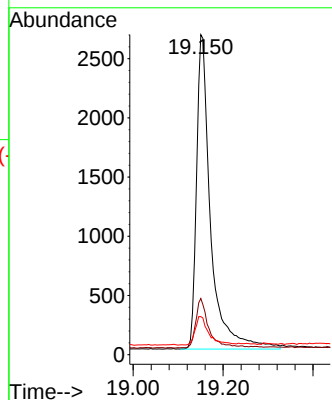
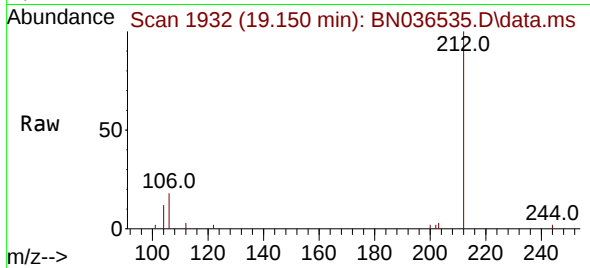




#27
Fluoranthene-d10
Concen: 0.445 ng
RT: 19.150 min Scan# 1936
Delta R.T. 0.009 min
Lab File: BN036535.D
Acq: 06 Mar 2025 14:48

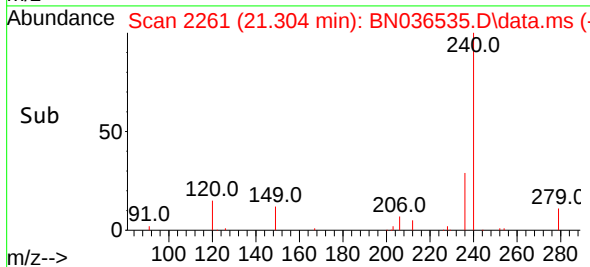
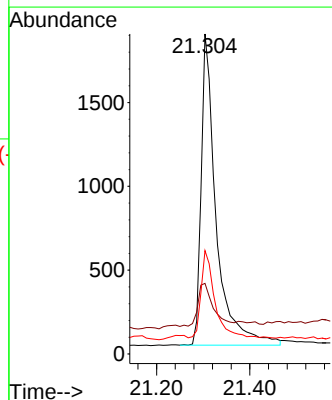
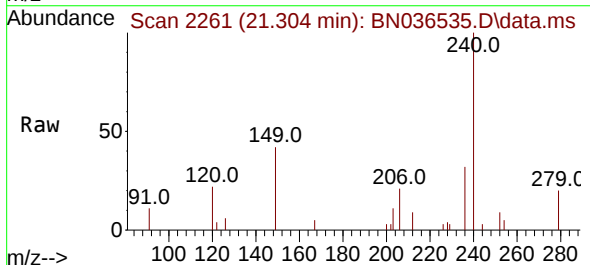
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BNA_N
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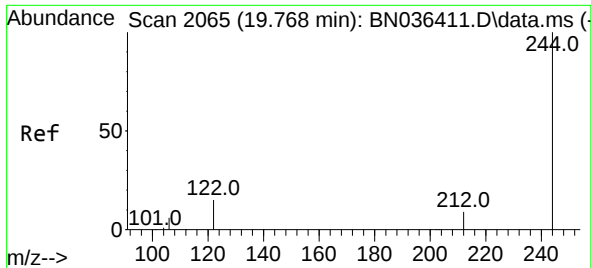
Tgt Ion:212 Resp: 5795
Ion Ratio Lower Upper
212 100
106 14.2 11.5 17.3
104 8.7 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036535.D
Acq: 06 Mar 2025 14:48

Tgt Ion:240 Resp: 4156
Ion Ratio Lower Upper
240 100
120 22.1 13.3 19.9#
236 32.3 23.0 34.6

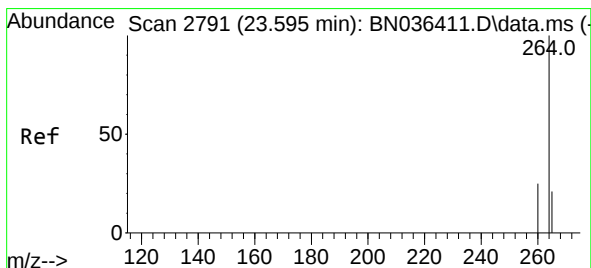
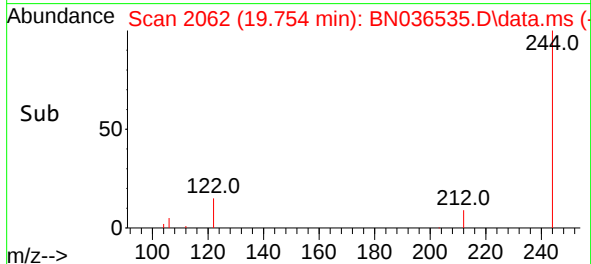
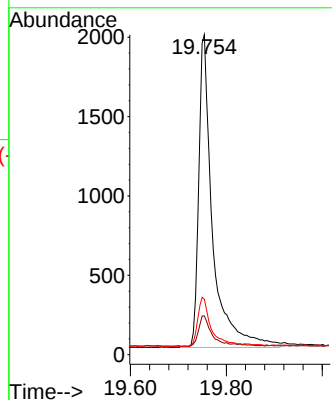
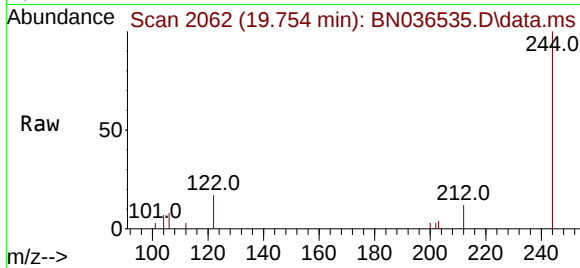




#31
 Terphenyl-d14
 Concen: 0.449 ng
 RT: 19.754 min Scan# 2062
 Delta R.T. 0.009 min
 Lab File: BN036535.D
 Acq: 06 Mar 2025 14:48

Instrument :
 BNA_N
 ClientSampleId :
 PB167006BL

Tgt Ion:244 Resp: 3979
 Ion Ratio Lower Upper
 244 100
 212 12.1 8.1 12.1
 122 17.4 12.8 19.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.569 min Scan# 2782
 Delta R.T. 0.018 min
 Lab File: BN036535.D
 Acq: 06 Mar 2025 14:48

Tgt Ion:264 Resp: 3735
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.9 31.3
 265 127.9 60.7 91.1#

