

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031225\
 Data File : BN036592.D
 Acq On : 12 Mar 2025 09:50
 Operator : RC/JU
 Sample : PB167057BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167057BL

Quant Time: Mar 12 10:41:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2081	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	4397	0.400	ng	0.02
13) Acenaphthene-d10	14.377	164	2365	0.400	ng	0.01
19) Phenanthrene-d10	17.124	188	4163	0.400	ng	# 0.01
29) Chrysene-d12	21.304	240	2774	0.400	ng	# 0.00
35) Perylene-d12	23.560	264	2411	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2126	0.438	ng	0.00
5) Phenol-d6	6.901	99	2057	0.343	ng	0.00
8) Nitrobenzene-d5	8.886	82	1694	0.354	ng	0.01
11) 2-Methylnaphthalene-d10	12.131	152	2268	0.347	ng	0.02
14) 2,4,6-Tribromophenol	15.882	330	200	0.186	ng	0.02
15) 2-Fluorobiphenyl	13.008	172	3233	0.235	ng	0.02
27) Fluoranthene-d10	19.150	212	4680	0.439	ng	0.00
31) Terphenyl-d14	19.750	244	2933	0.441	ng	0.00

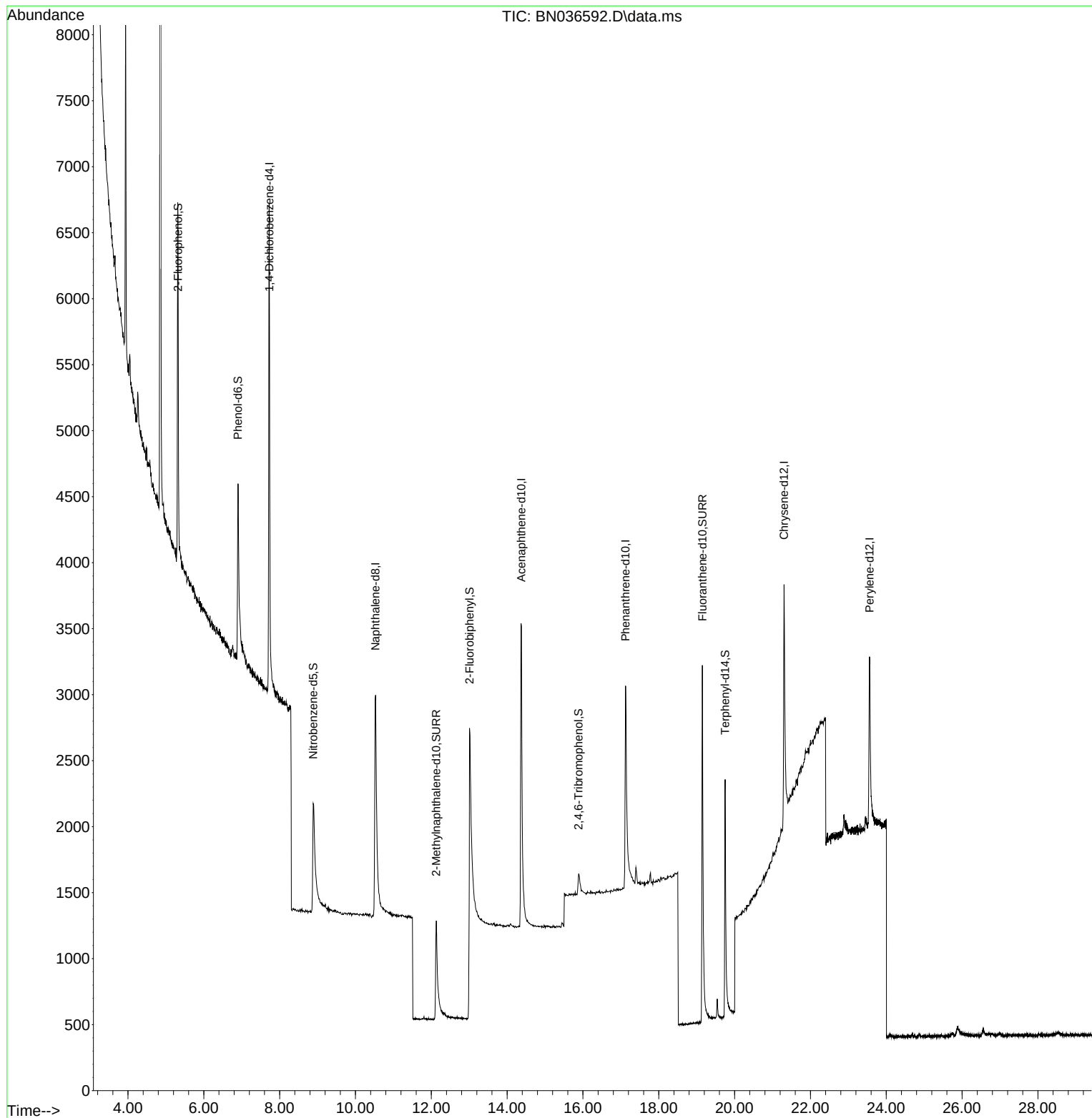
Target Compounds	Qvalue

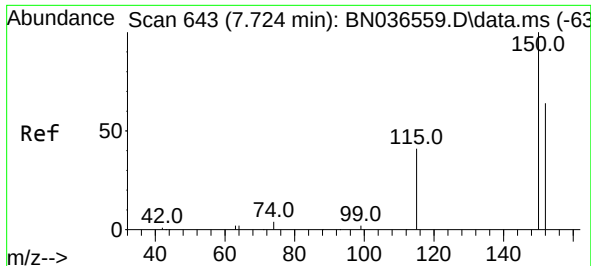
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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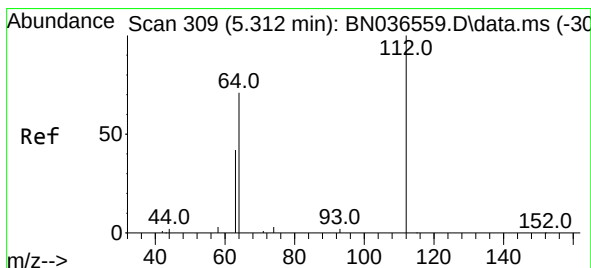
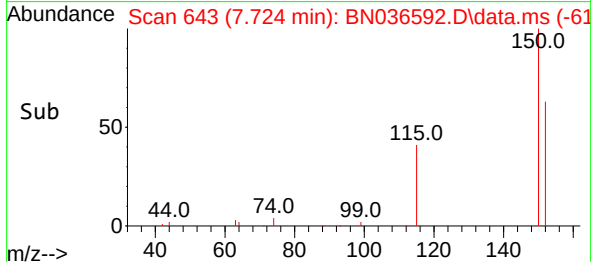
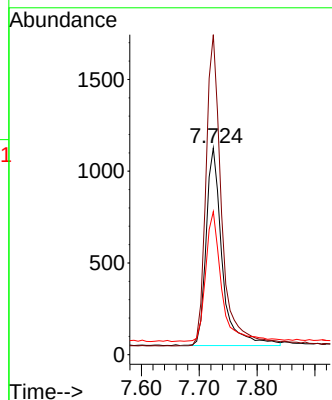
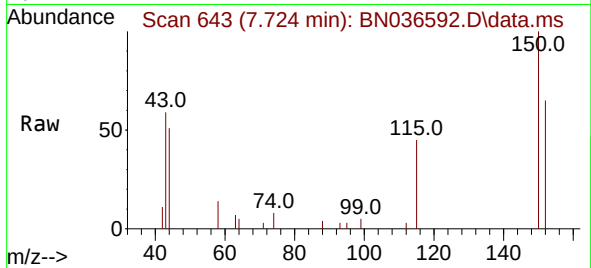




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036592.D
 Acq: 12 Mar 2025 09:50

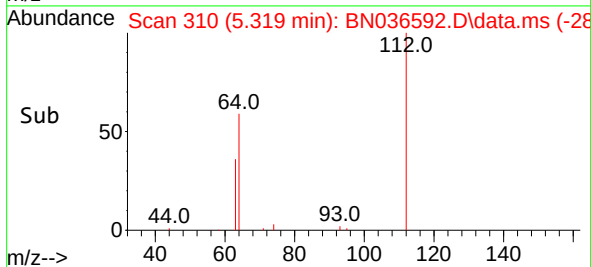
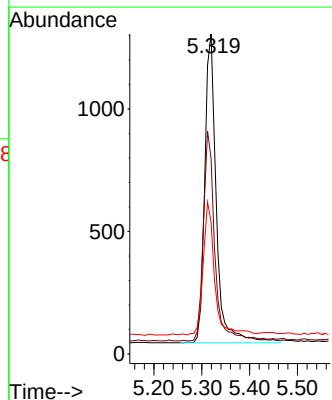
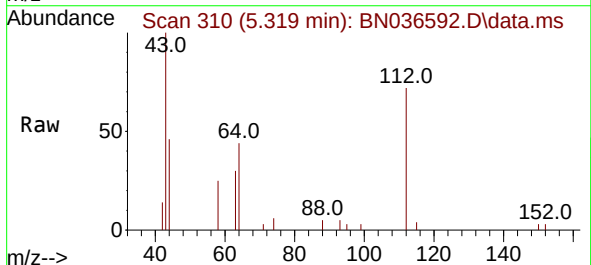
Instrument :
 BNA_N
 ClientSampleId :
 PB167057BL

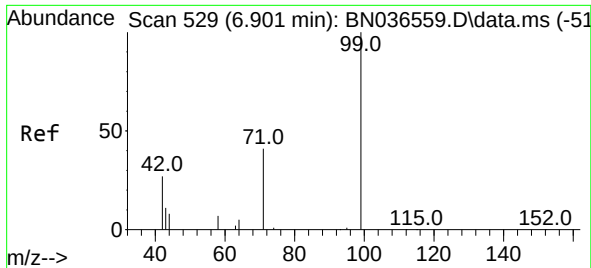
Tgt Ion:152 Resp: 2081
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.7 185.5
 115 69.2 54.3 81.5



#4
 2-Fluorophenol
 Concen: 0.438 ng
 RT: 5.319 min Scan# 310
 Delta R.T. 0.007 min
 Lab File: BN036592.D
 Acq: 12 Mar 2025 09:50

Tgt Ion:112 Resp: 2126
 Ion Ratio Lower Upper
 112 100
 64 66.9 53.1 79.7
 63 41.4 31.8 47.8

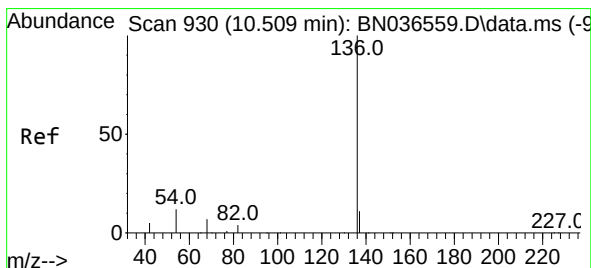
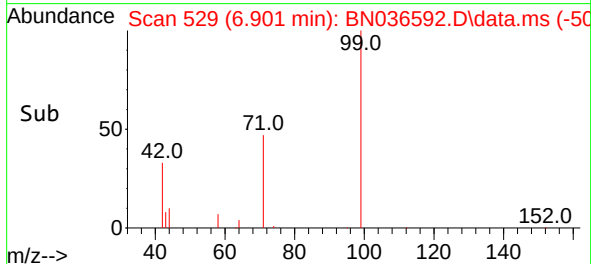
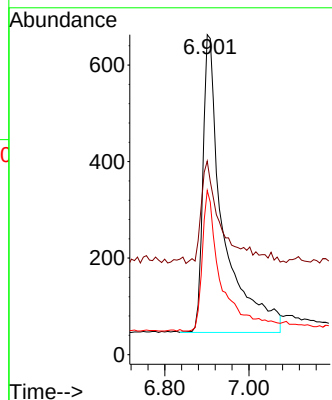
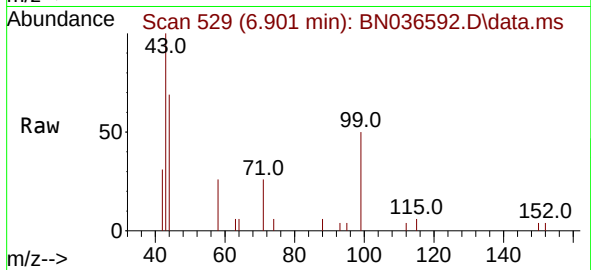




#5
Phenol-d6
Concen: 0.343 ng
RT: 6.901 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN036592.D
Acq: 12 Mar 2025 09:50

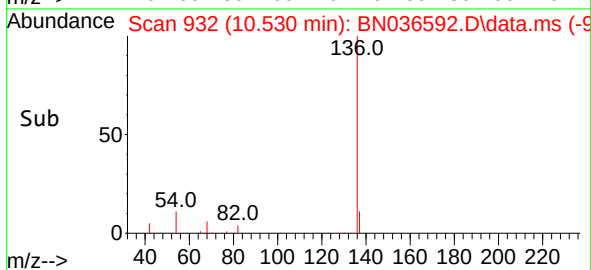
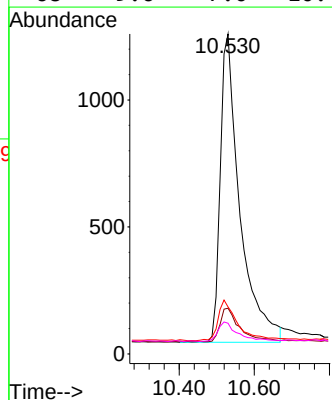
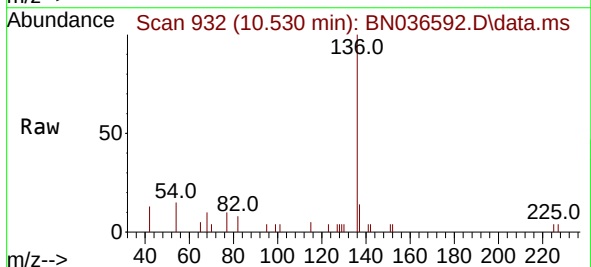
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ClientSampleId :
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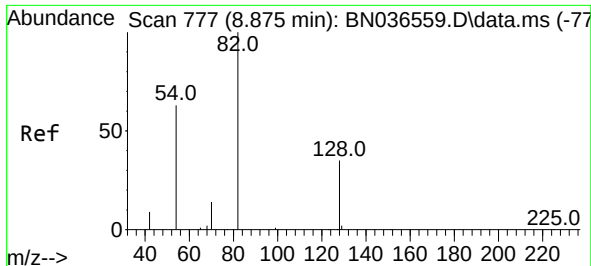
Tgt Ion: 99 Resp: 2057
Ion Ratio Lower Upper
99 100
42 33.4 26.5 39.7
71 45.2 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.021 min
Lab File: BN036592.D
Acq: 12 Mar 2025 09:50

Tgt Ion: 136 Resp: 4397
Ion Ratio Lower Upper
136 100
137 14.3 10.3 15.5
54 14.7 11.5 17.3
68 9.6 7.0 10.4

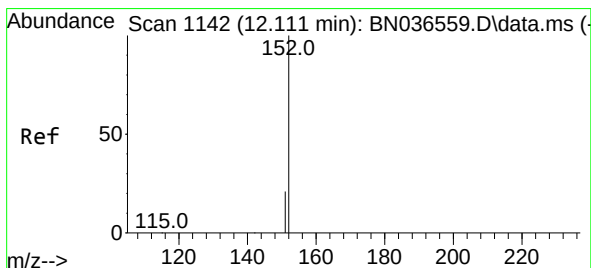
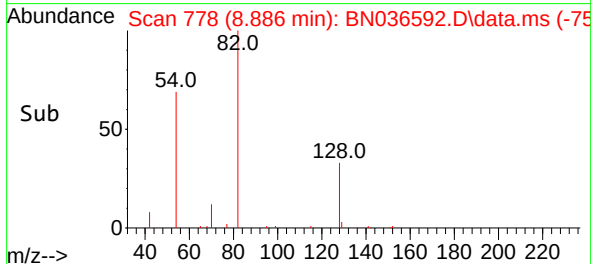
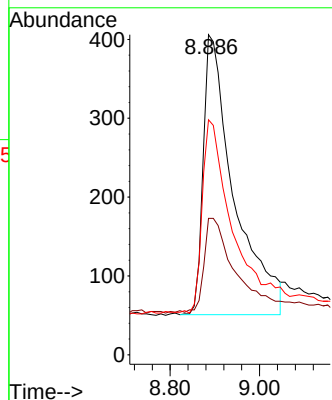
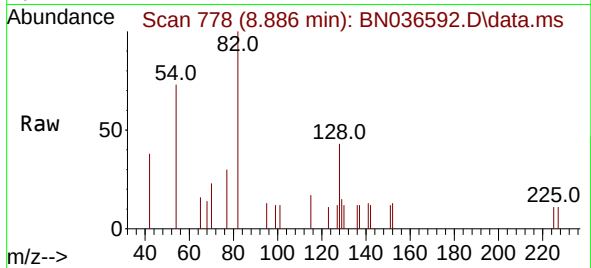




#8
 Nitrobenzene-d5
 Concen: 0.354 ng
 RT: 8.886 min Scan# 71
 Delta R.T. 0.011 min
 Lab File: BN036592.D
 Acq: 12 Mar 2025 09:50

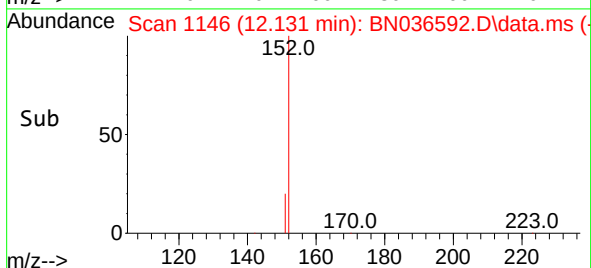
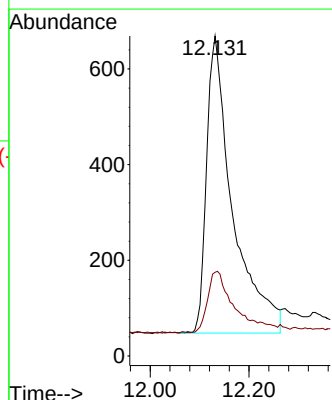
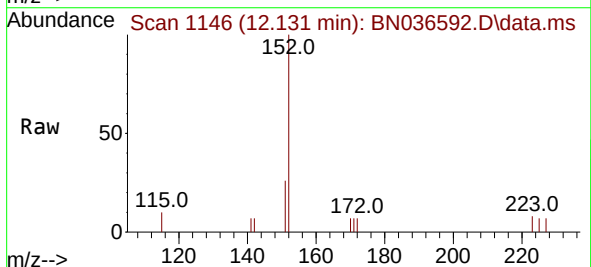
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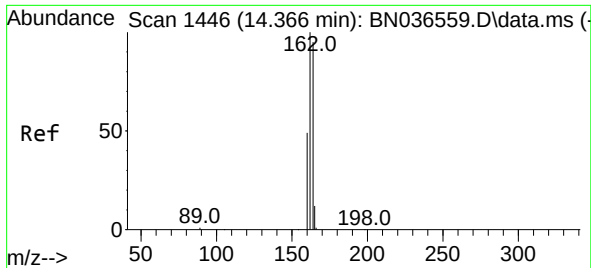
Tgt Ion: 82 Resp: 1694
 Ion Ratio Lower Upper
 82 100
 128 42.6 30.6 45.8
 54 73.4 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.347 ng
 RT: 12.131 min Scan# 1146
 Delta R.T. 0.020 min
 Lab File: BN036592.D
 Acq: 12 Mar 2025 09:50

Tgt Ion: 152 Resp: 2268
 Ion Ratio Lower Upper
 152 100
 151 21.5 17.0 25.6

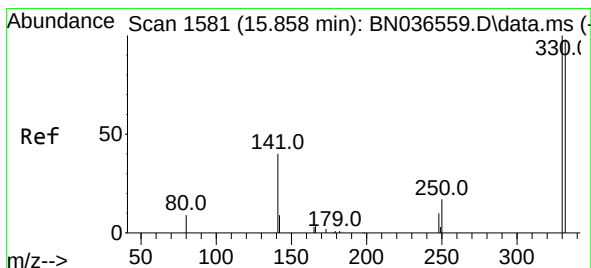
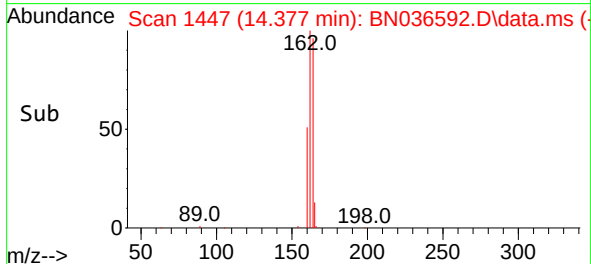
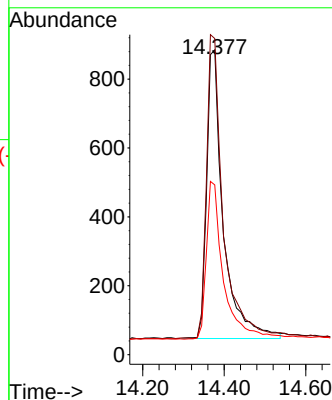
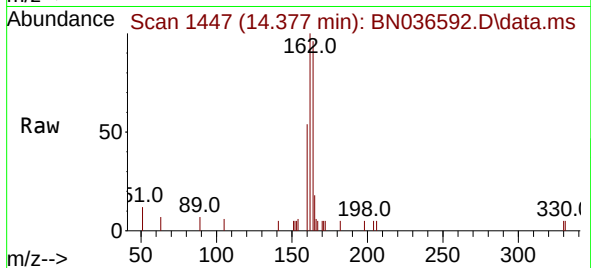




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.377 min Scan# 1446
 Delta R.T. 0.011 min
 Lab File: BN036592.D
 Acq: 12 Mar 2025 09:50

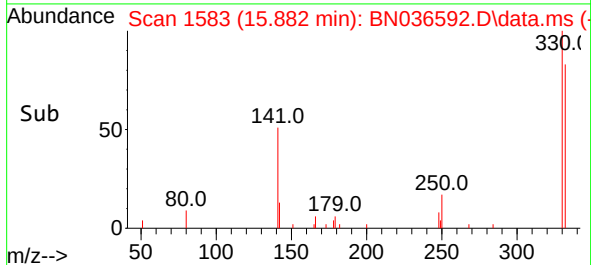
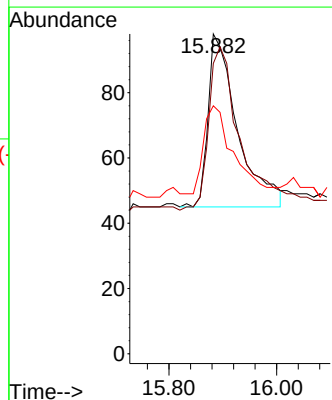
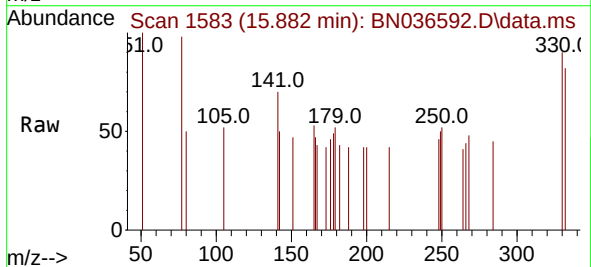
Instrument :
 BNA_N
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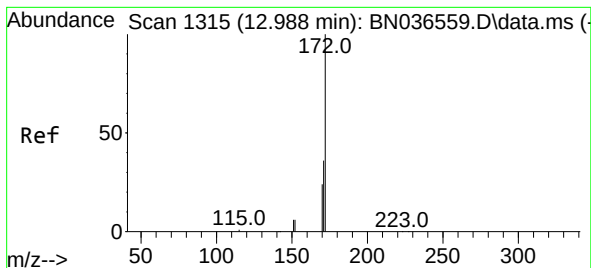
Tgt Ion:164 Resp: 2365
 Ion Ratio Lower Upper
 164 100
 162 103.7 84.2 126.2
 160 55.7 42.2 63.2



#14
 2,4,6-Tribromophenol
 Concen: 0.186 ng
 RT: 15.882 min Scan# 1583
 Delta R.T. 0.025 min
 Lab File: BN036592.D
 Acq: 12 Mar 2025 09:50

Tgt Ion:330 Resp: 200
 Ion Ratio Lower Upper
 330 100
 332 103.0 75.2 112.8
 141 51.5 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.235 ng

RT: 13.008 min Scan# 1319

Delta R.T. 0.020 min

Lab File: BN036592.D

Acq: 12 Mar 2025 09:50

Instrument :

BNA_N

ClientSampleId :

PB167057BL

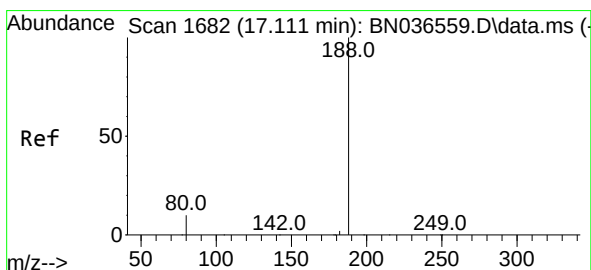
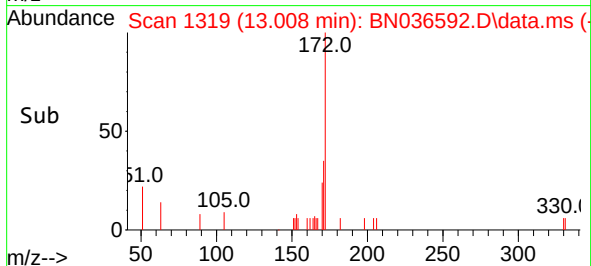
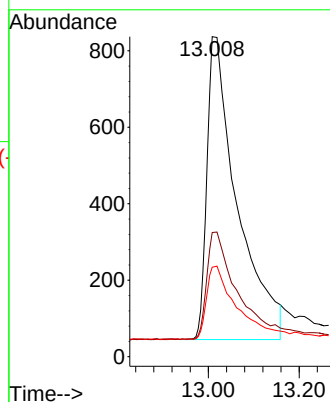
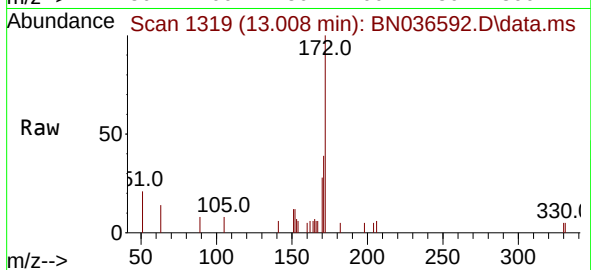
Tgt Ion:172 Resp: 3233

Ion Ratio Lower Upper

172 100

171 38.8 29.5 44.3

170 28.0 20.2 30.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.124 min Scan# 1683

Delta R.T. 0.012 min

Lab File: BN036592.D

Acq: 12 Mar 2025 09:50

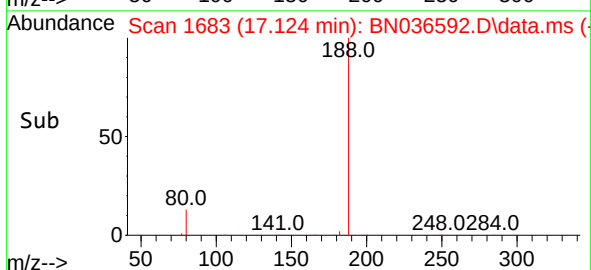
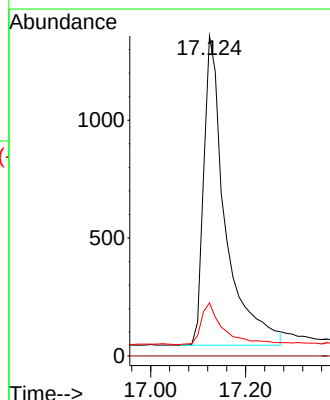
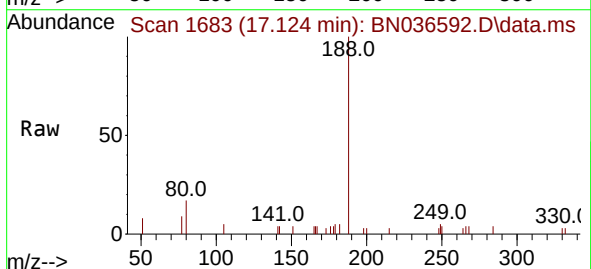
Tgt Ion:188 Resp: 4163

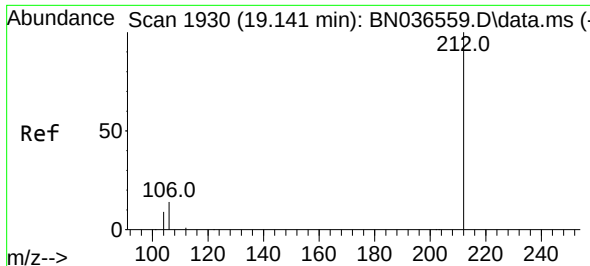
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.6 8.8 13.2#

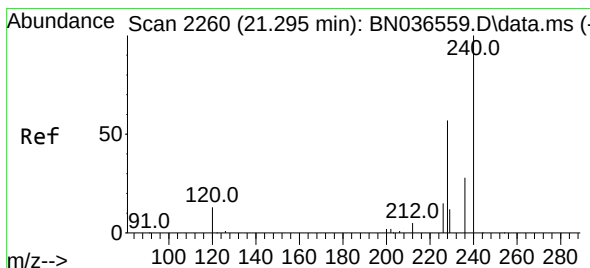
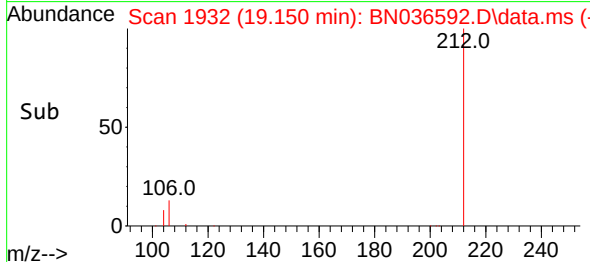
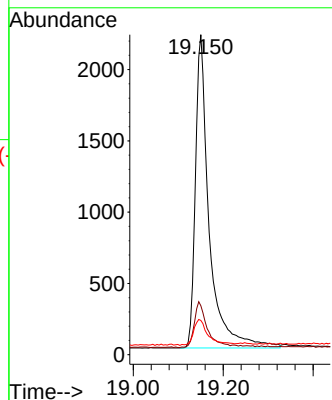
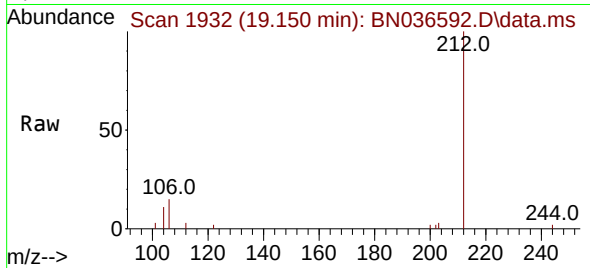




#27
Fluoranthene-d10
Concen: 0.439 ng
RT: 19.150 min Scan# 1932
Delta R.T. 0.009 min
Lab File: BN036592.D
Acq: 12 Mar 2025 09:50

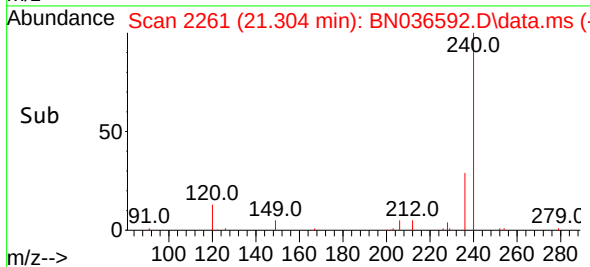
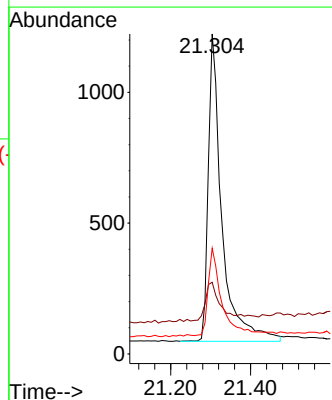
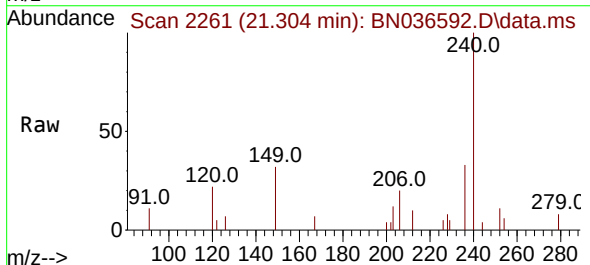
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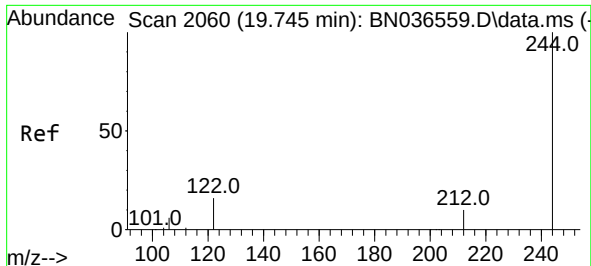
Tgt Ion:212 Resp: 4680
Ion Ratio Lower Upper
212 100
106 13.5 11.8 17.6
104 8.9 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036592.D
Acq: 12 Mar 2025 09:50

Tgt Ion:240 Resp: 2774
Ion Ratio Lower Upper
240 100
120 22.4 14.6 22.0#
236 33.0 24.1 36.1

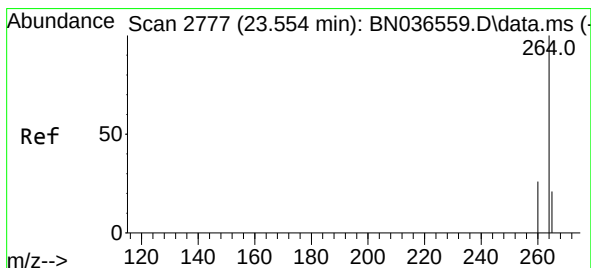
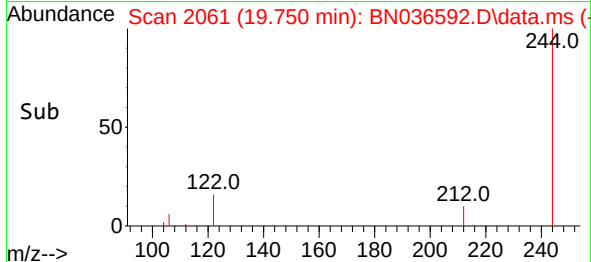
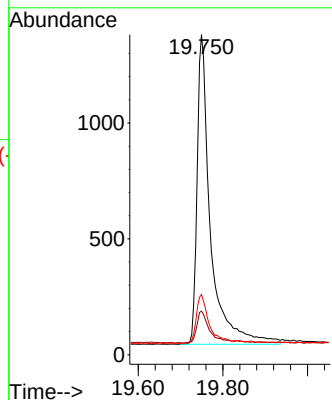
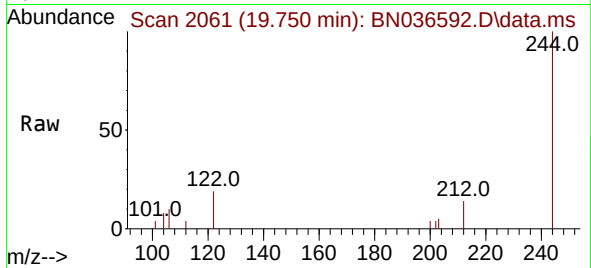




#31
 Terphenyl-d14
 Concen: 0.441 ng
 RT: 19.750 min Scan# 2061
 Delta R.T. 0.005 min
 Lab File: BN036592.D
 Acq: 12 Mar 2025 09:50

Instrument :
 BNA_N
 ClientSampleId :
 PB167057BL

Tgt Ion:244 Resp: 2933
 Ion Ratio Lower Upper
 244 100
 212 13.6 9.6 14.4
 122 18.8 13.9 20.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.560 min Scan# 2779
 Delta R.T. 0.006 min
 Lab File: BN036592.D
 Acq: 12 Mar 2025 09:50

Tgt Ion:264 Resp: 2411
 Ion Ratio Lower Upper
 264 100
 260 30.6 22.6 33.8
 265 142.3 88.1 132.1#

