

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036732.D
 Acq On : 27 Mar 2025 11:38
 Operator : RC/JU
 Sample : Q1608-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20250317

Quant Time: Mar 27 12:16:18 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)

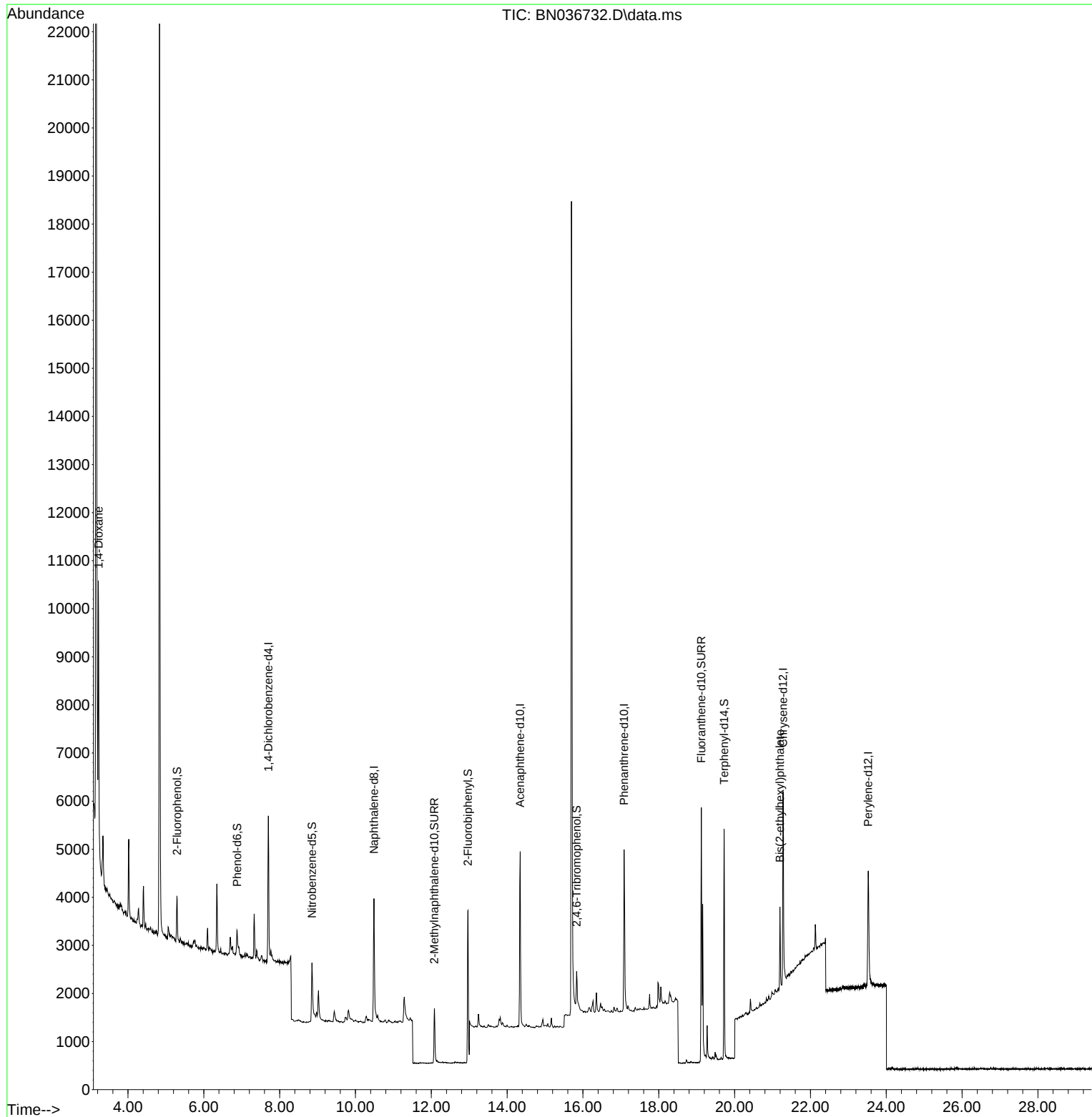
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1518	0.400	ng	-0.02
7) Naphthalene-d8	10.488	136	3632	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2296	0.400	ng	-0.02
19) Phenanthrene-d10	17.087	188	4907	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4299	0.400	ng	-0.02
35) Perylene-d12	23.525	264	3740	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	689	0.195	ng	-0.01
5) Phenol-d6	6.879	99	455	0.104	ng	-0.02
8) Nitrobenzene-d5	8.854	82	1300	0.329	ng	-0.02
11) 2-Methylnaphthalene-d10	12.081	152	1797	0.333	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	457	0.439	ng	-0.02
15) 2-Fluorobiphenyl	12.968	172	4380	0.328	ng	-0.02
27) Fluoranthene-d10	19.123	212	6181	0.491	ng	-0.02
31) Terphenyl-d14	19.722	244	4618	0.448	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	2953	1.754	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.196	149	1724	0.162	ng	# 94

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

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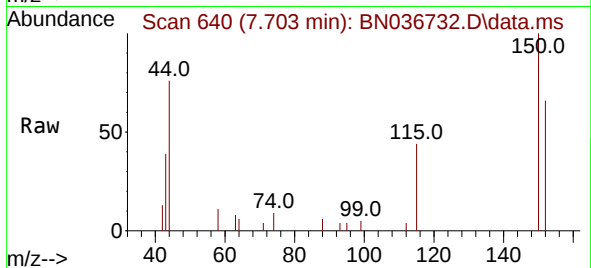
Quant Time: Mar 27 12:16:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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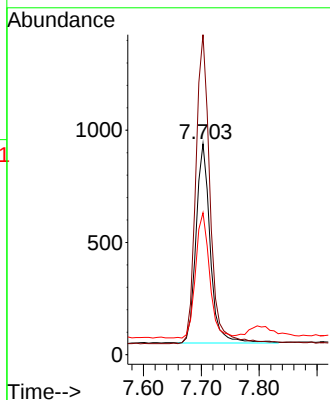
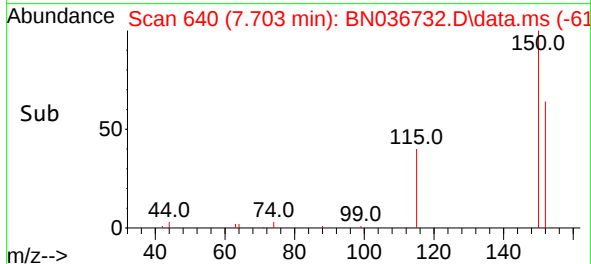


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036732.D
 Acq: 27 Mar 2025 11:38

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20250317

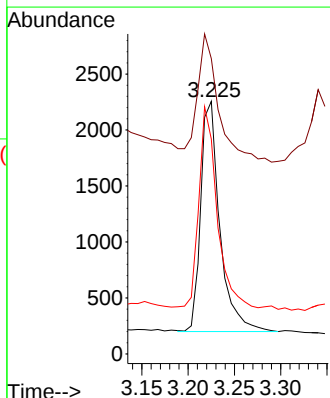
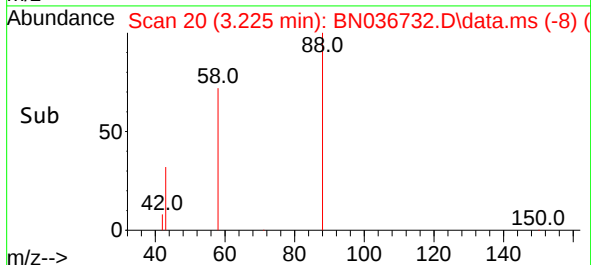
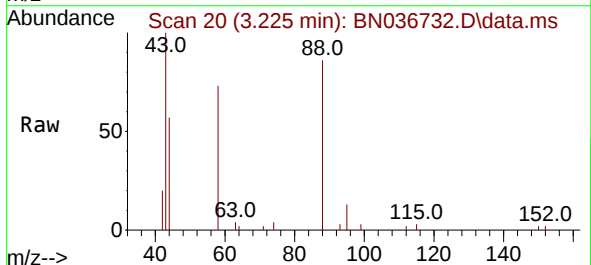


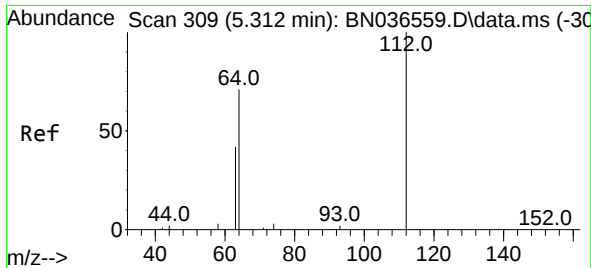
Tgt Ion:152 Resp: 1518
 Ion Ratio Lower Upper
 152 100
 150 151.7 123.7 185.5
 115 67.2 54.3 81.5



#2
 1,4-Dioxane
 Concen: 1.754 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036732.D
 Acq: 27 Mar 2025 11:38

Tgt Ion: 88 Resp: 2953
 Ion Ratio Lower Upper
 88 100
 43 61.2 37.8 56.8#
 58 86.4 67.4 101.2

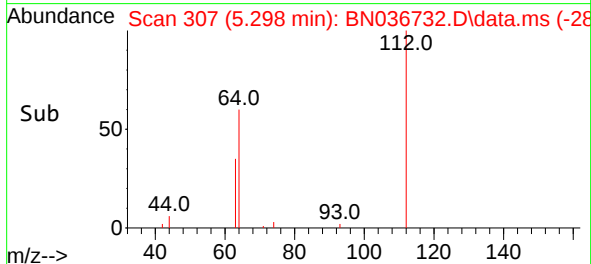
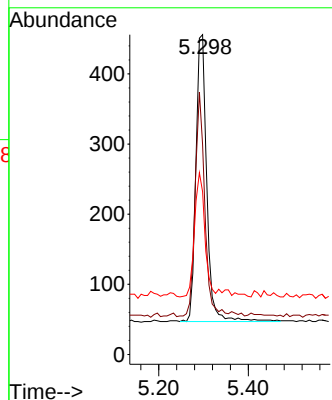
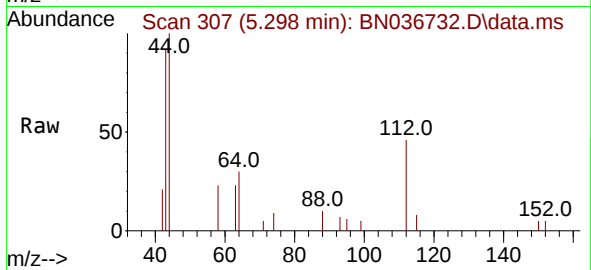




#4
2-Fluorophenol
Concen: 0.195 ng
RT: 5.298 min Scan# 309
Delta R.T. -0.014 min
Lab File: BN036732.D
Acq: 27 Mar 2025 11:38

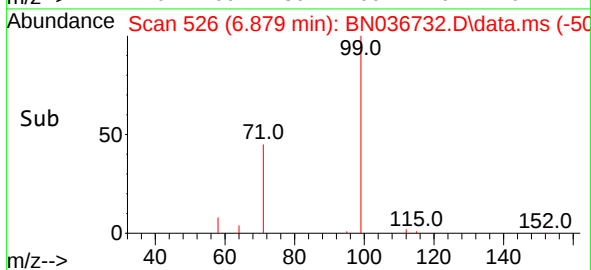
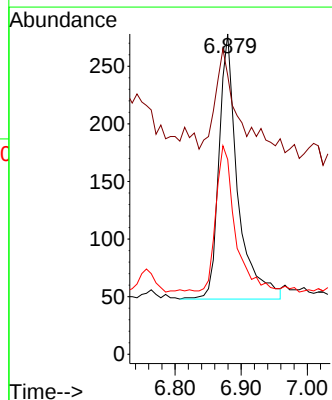
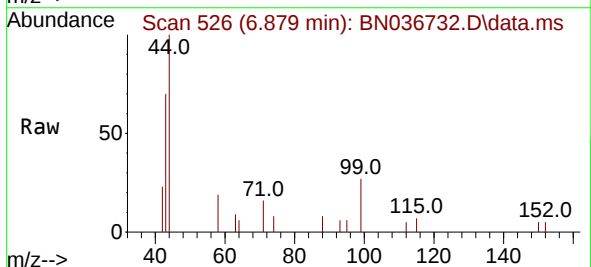
Instrument :
BNA_N
ClientSampleId :
RE139D1-20250317

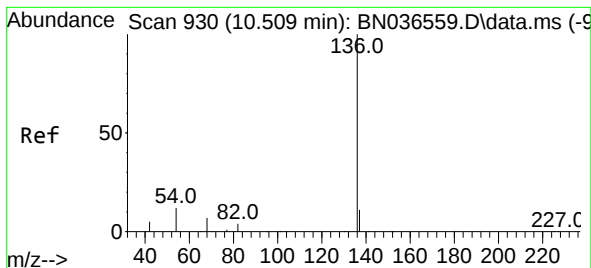
Tgt Ion:112 Resp: 689
Ion Ratio Lower Upper
112 100
64 68.8 53.1 79.7
63 40.6 31.8 47.8



#5
Phenol-d6
Concen: 0.104 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.021 min
Lab File: BN036732.D
Acq: 27 Mar 2025 11:38

Tgt Ion: 99 Resp: 455
Ion Ratio Lower Upper
99 100
42 57.1 26.5 39.7#
71 55.4 34.1 51.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.488 min Scan# 91

Delta R.T. -0.021 min

Lab File: BN036732.D

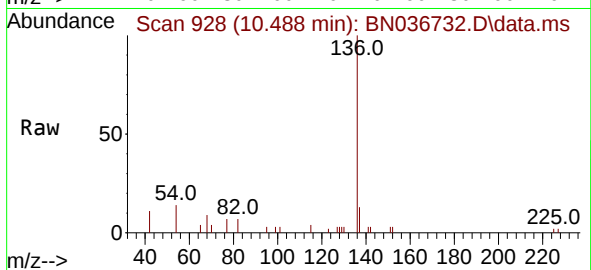
Acq: 27 Mar 2025 11:38

Instrument :

BNA_N

ClientSampleId :

RE139D1-20250317



Tgt Ion:136 Resp: 3632

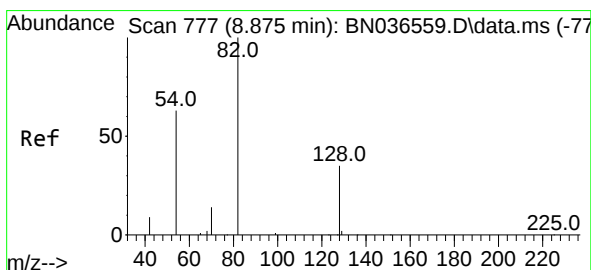
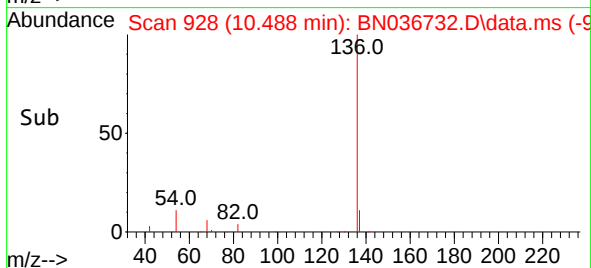
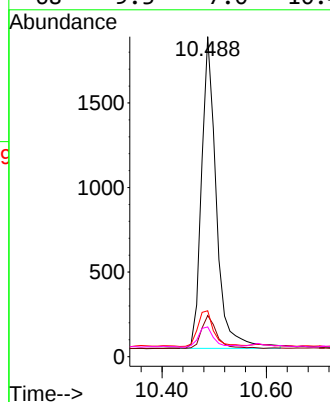
Ion Ratio Lower Upper

136 100

137 12.8 10.3 15.5

54 14.3 11.5 17.3

68 9.3 7.0 10.4



#8

Nitrobenzene-d5

Concen: 0.329 ng

RT: 8.854 min Scan# 775

Delta R.T. -0.021 min

Lab File: BN036732.D

Acq: 27 Mar 2025 11:38

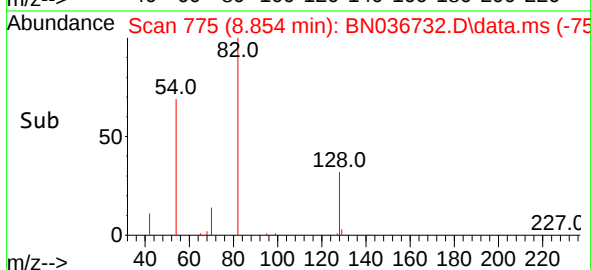
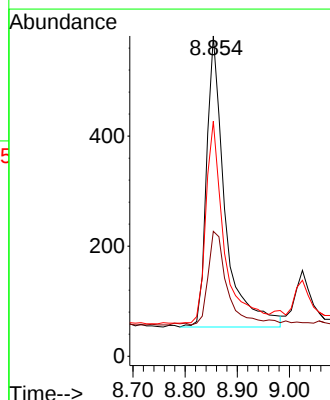
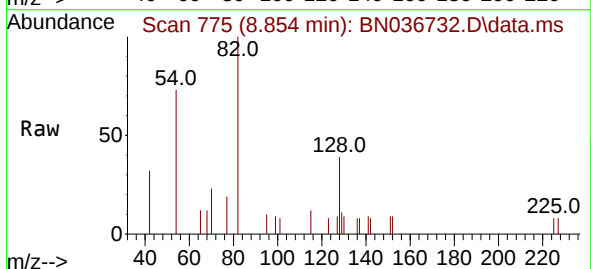
Tgt Ion: 82 Resp: 1300

Ion Ratio Lower Upper

82 100

128 39.0 30.6 45.8

54 73.4 52.2 78.4

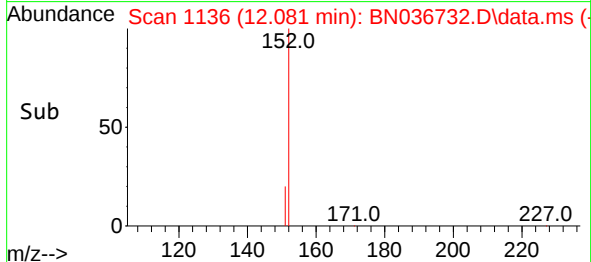
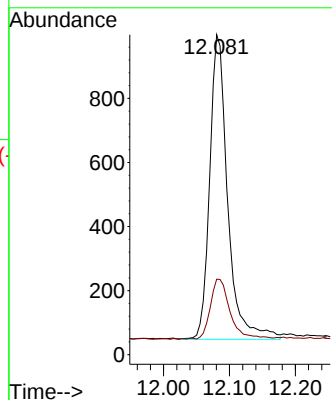
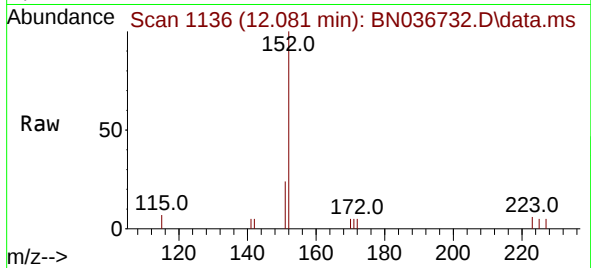




#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.081 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036732.D
Acq: 27 Mar 2025 11:38

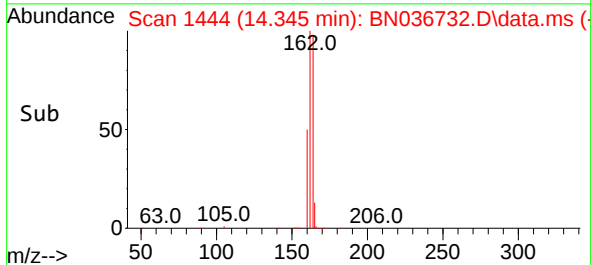
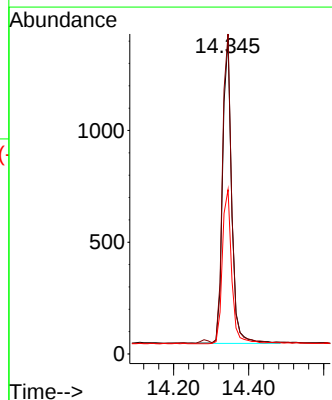
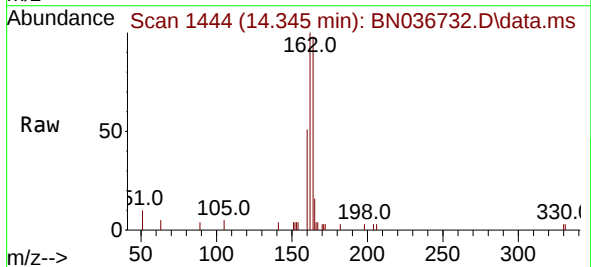
Instrument :
BNA_N
ClientSampleId :
RE139D1-20250317

Tgt Ion:152 Resp: 1797
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036732.D
Acq: 27 Mar 2025 11:38

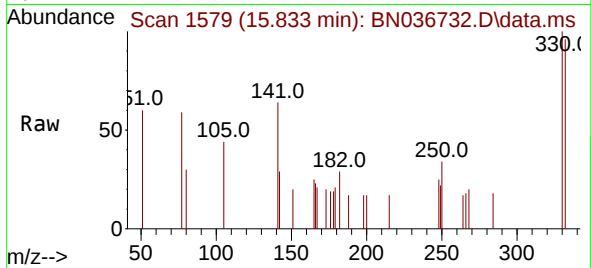
Tgt Ion:164 Resp: 2296
Ion Ratio Lower Upper
164 100
162 101.6 84.2 126.2
160 52.1 42.2 63.2



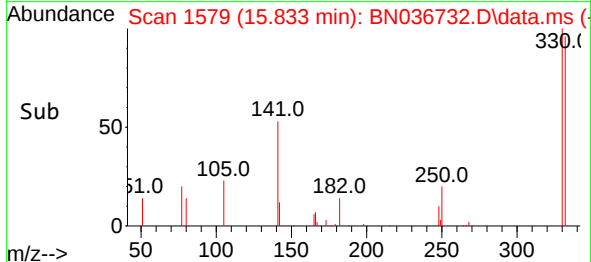
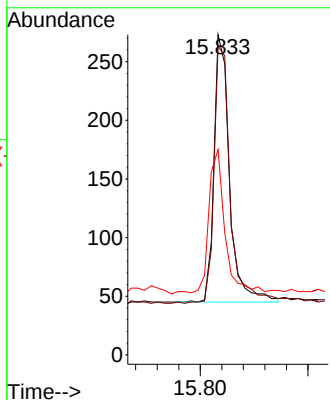


#14
2,4,6-Tribromophenol
Concen: 0.439 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036732.D
Acq: 27 Mar 2025 11:38

Instrument :
BNA_N
ClientSampleId :
RE139D1-20250317

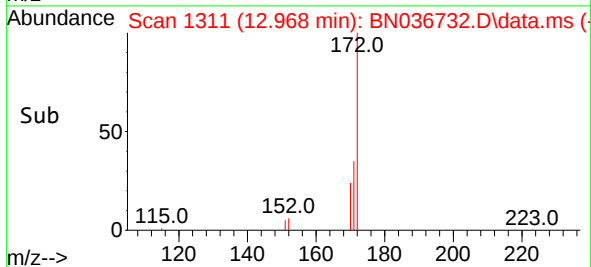
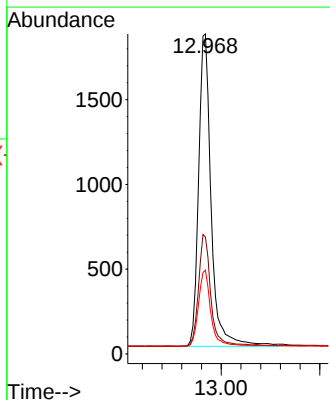
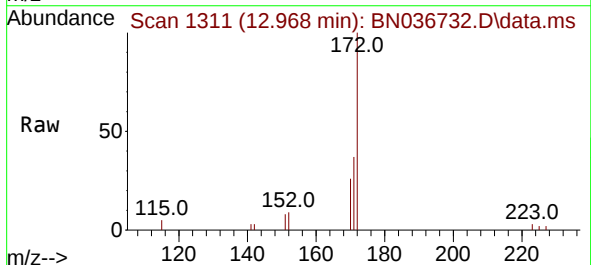


Tgt Ion:330 Resp: 457
Ion Ratio Lower Upper
330 100
332 102.4 75.2 112.8
141 52.3 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036732.D
Acq: 27 Mar 2025 11:38

Tgt Ion:172 Resp: 4380
Ion Ratio Lower Upper
172 100
171 36.6 29.5 44.3
170 26.2 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.087 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN036732.D

Acq: 27 Mar 2025 11:38

Instrument :

BNA_N

ClientSampleId :

RE139D1-20250317

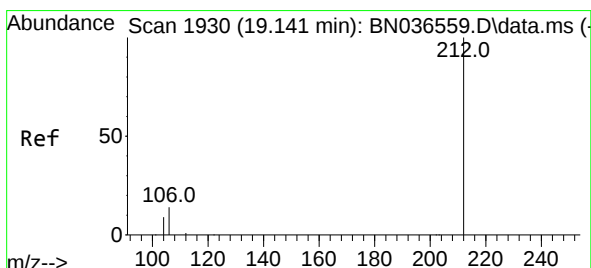
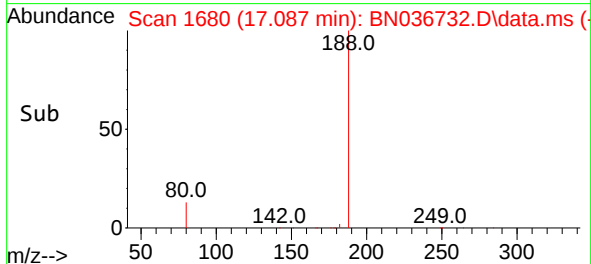
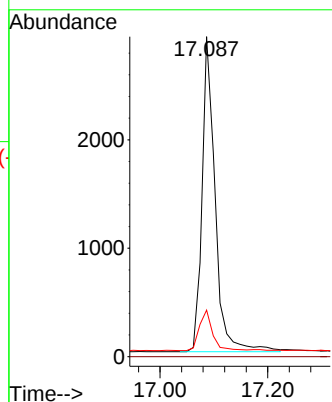
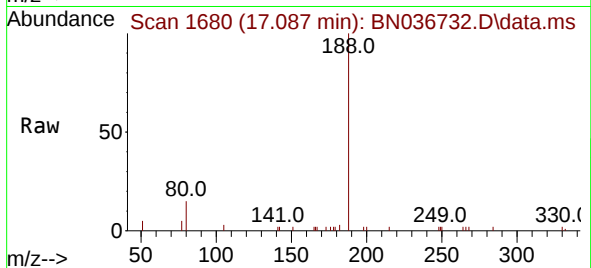
Tgt Ion:188 Resp: 4907

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.5 8.8 13.2#



#27

Fluoranthene-d10

Concen: 0.491 ng

RT: 19.123 min Scan# 1926

Delta R.T. -0.018 min

Lab File: BN036732.D

Acq: 27 Mar 2025 11:38

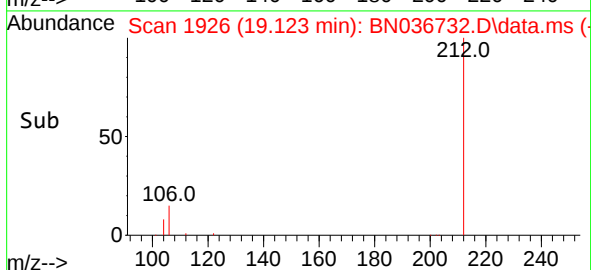
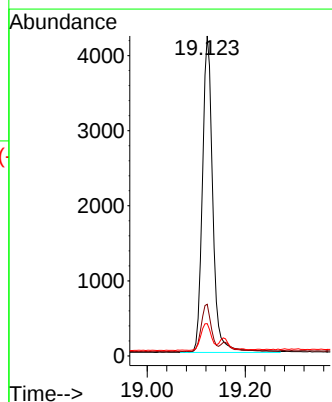
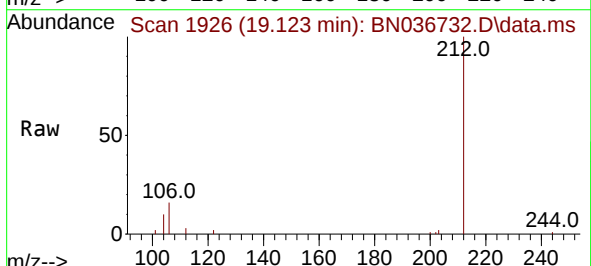
Tgt Ion:212 Resp: 6181

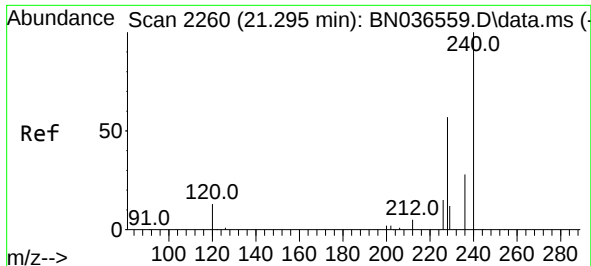
Ion Ratio Lower Upper

212 100

106 14.5 11.8 17.6

104 8.6 7.3 10.9

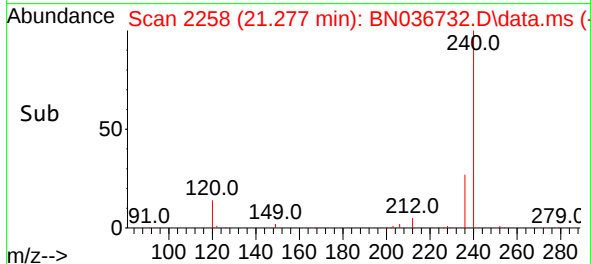
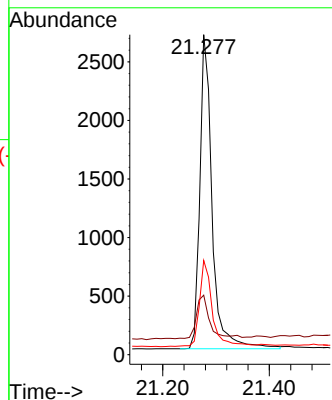
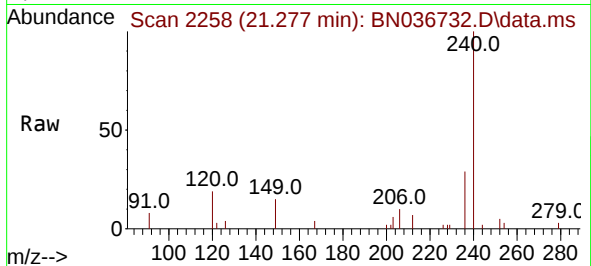




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036732.D
Acq: 27 Mar 2025 11:38

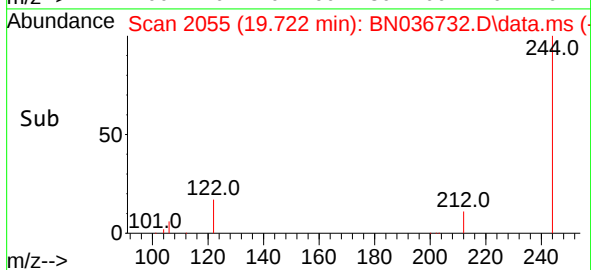
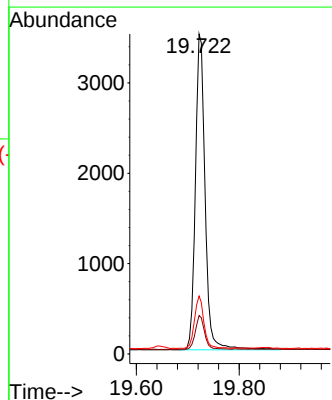
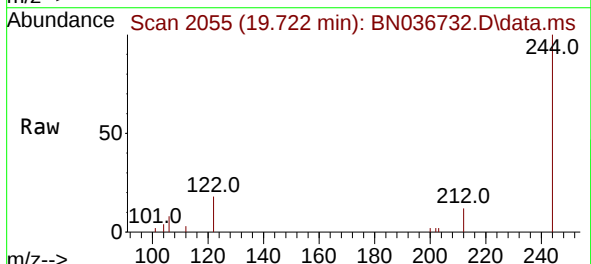
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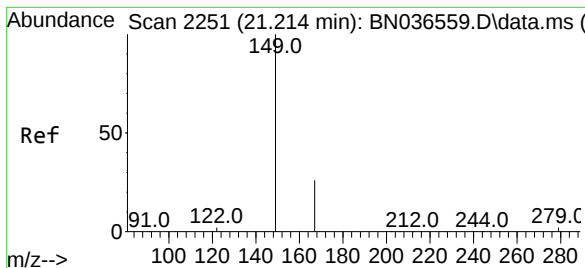
Tgt Ion:240 Resp: 4299
Ion Ratio Lower Upper
240 100
120 18.6 14.6 22.0
236 29.5 24.1 36.1



#31
Terphenyl-d14
Concen: 0.448 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036732.D
Acq: 27 Mar 2025 11:38

Tgt Ion:244 Resp: 4618
Ion Ratio Lower Upper
244 100
212 12.0 9.6 14.4
122 18.1 13.9 20.9

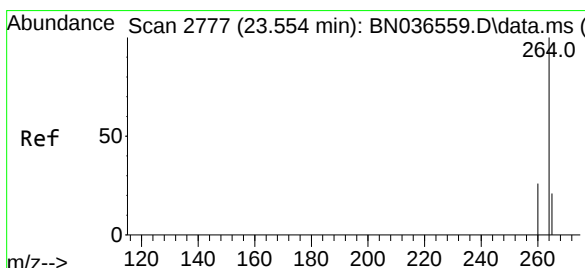
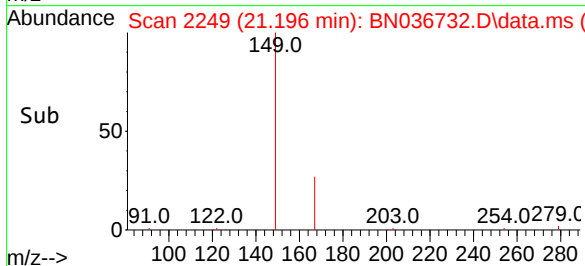
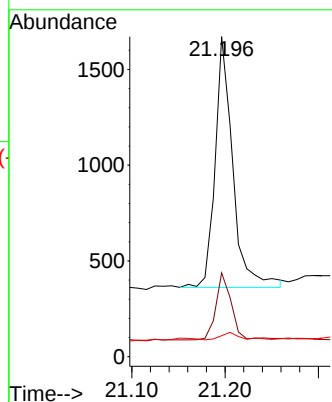
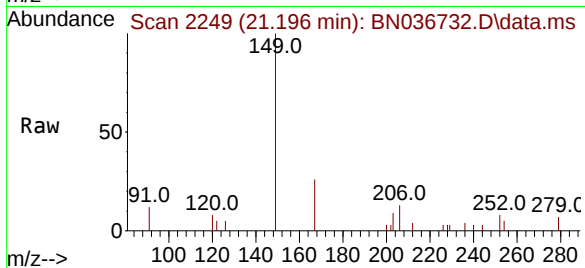




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.162 ng
RT: 21.196 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BN036732.D
Acq: 27 Mar 2025 11:38

Instrument :
BNA_N
ClientSampleId :
RE139D1-20250317

Tgt Ion:149 Resp: 1724
Ion Ratio Lower Upper
149 100
167 22.9 20.7 31.1
279 3.2 3.6 5.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 2767
Delta R.T. -0.029 min
Lab File: BN036732.D
Acq: 27 Mar 2025 11:38

Tgt Ion:264 Resp: 3740
Ion Ratio Lower Upper
264 100
260 28.2 22.6 33.8
265 92.6 88.1 132.1

