

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036576.D
 Acq On : 11 Mar 2025 11:20
 Operator : RC/JU
 Sample : Q1531-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20250305

Quant Time: Mar 11 12:02:03 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)

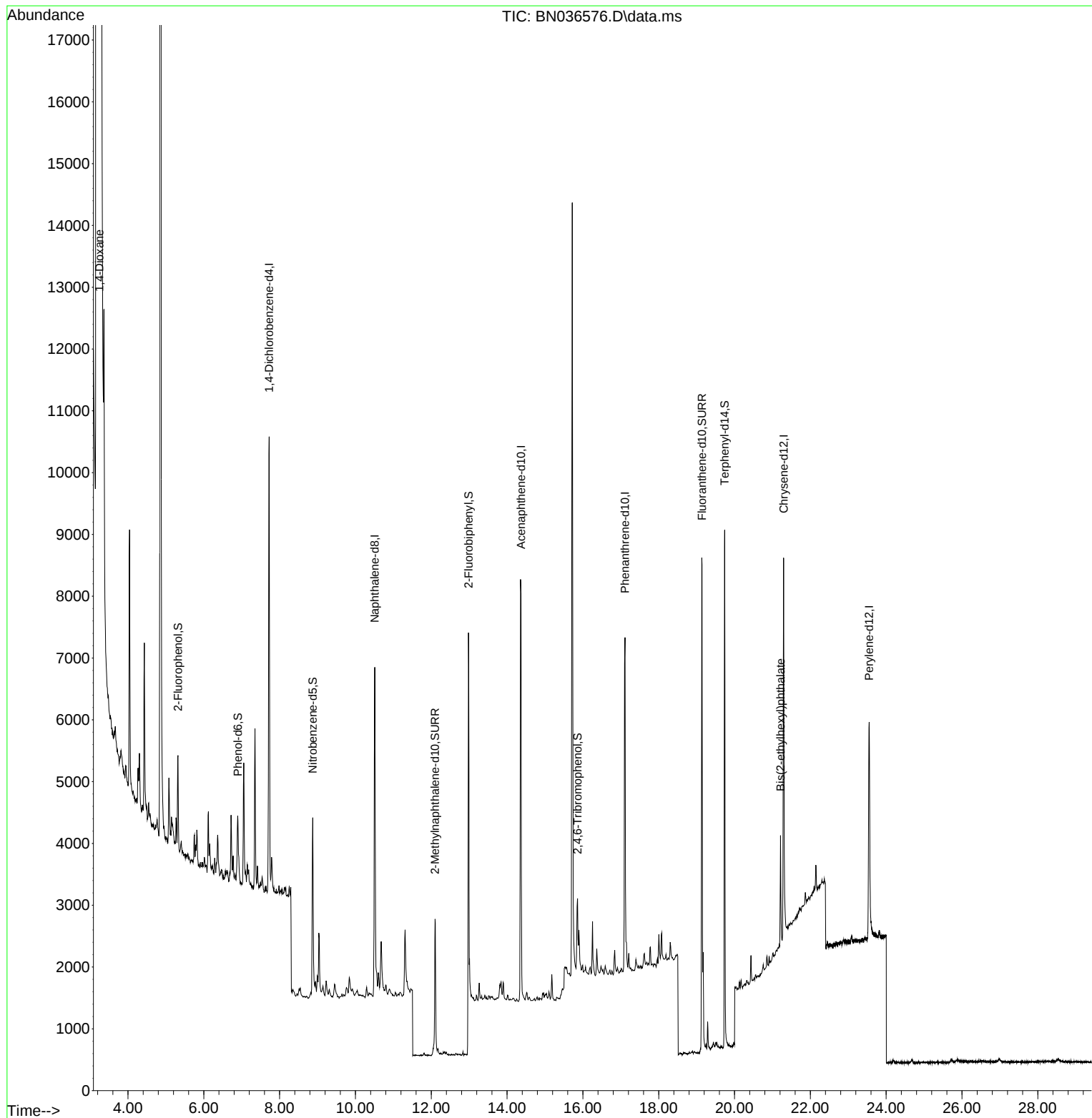
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	3302	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	7375	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	4300	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	8599	0.400	ng	0.00
29) Chrysene-d12	21.295	240	6414	0.400	ng	0.00
35) Perylene-d12	23.548	264	5766	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1122	0.146	ng	0.00
5) Phenol-d6	6.901	99	740	0.078	ng	0.00
8) Nitrobenzene-d5	8.875	82	2607	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	3642	0.332	ng	-0.01
14) 2,4,6-Tribromophenol	15.858	330	786	0.403	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	9247	0.370	ng	0.00
27) Fluoranthene-d10	19.141	212	9238	0.419	ng	0.00
31) Terphenyl-d14	19.740	244	8067	0.525	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	16423	4.484	ng	99
34) Bis(2-ethylhexyl)phtha...	21.214	149	1840	0.116	ng	# 94

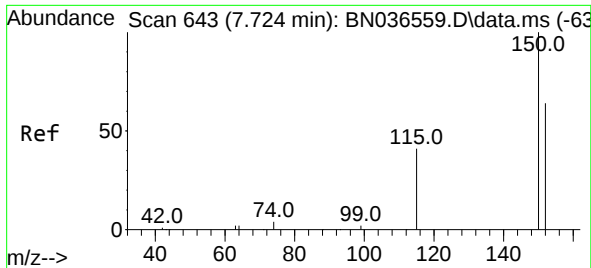
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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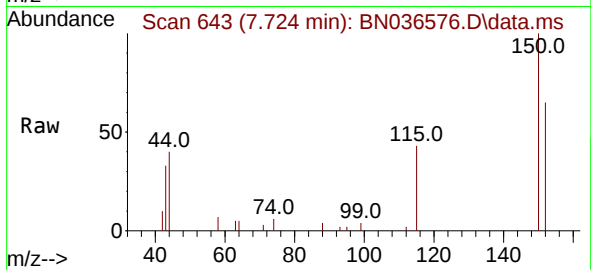
Quant Time: Mar 11 12:02:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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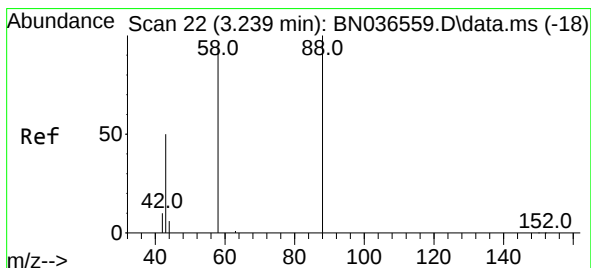
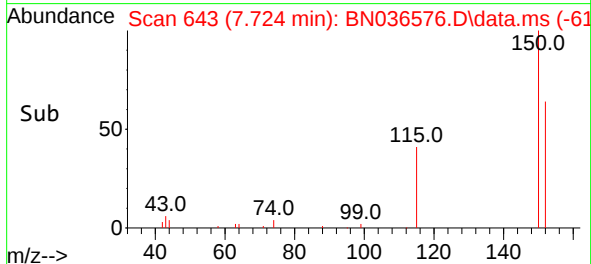
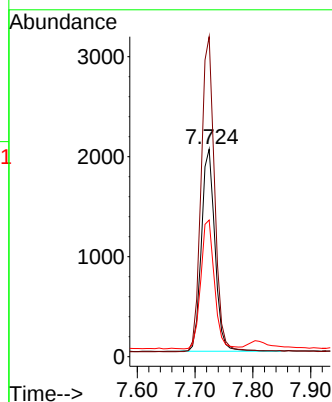
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036576.D
 Acq: 11 Mar 2025 11:20

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20250305



Tgt Ion:152 Resp: 3302

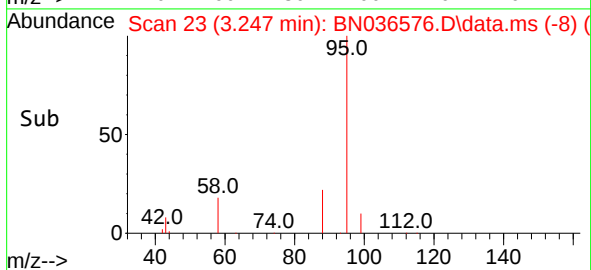
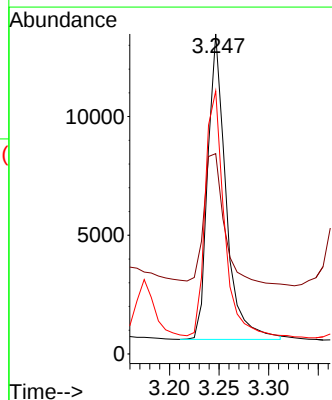
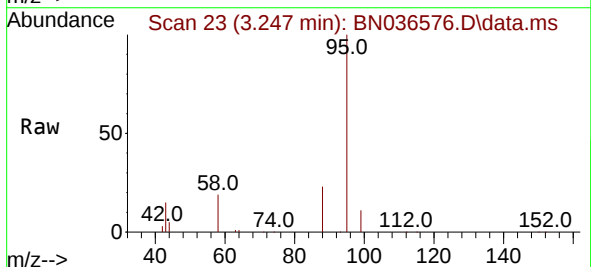
Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.7	185.5
115	65.8	54.3	81.5

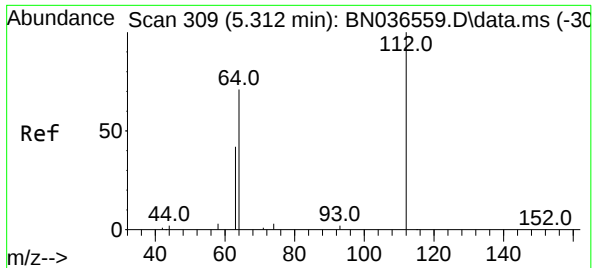


#2
 1,4-Dioxane
 Concen: 4.484 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.008 min
 Lab File: BN036576.D
 Acq: 11 Mar 2025 11:20

Tgt Ion: 88 Resp: 16423

Ion	Ratio	Lower	Upper
88	100		
43	47.4	37.8	56.8
58	83.1	67.4	101.2

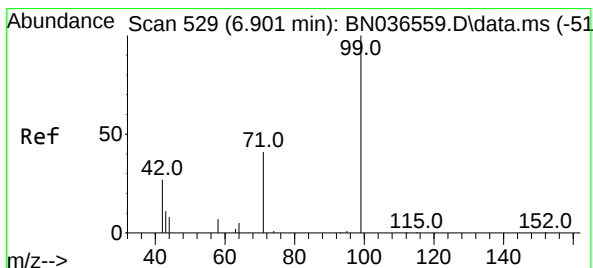
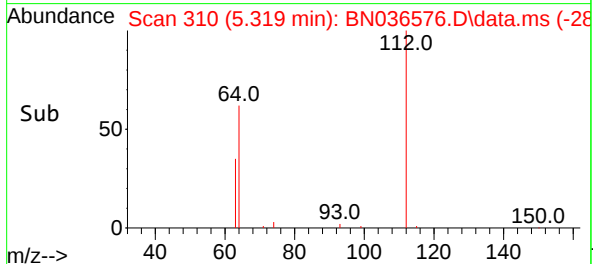
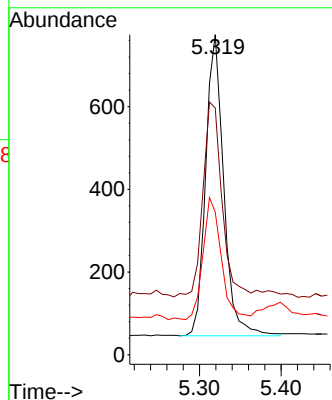
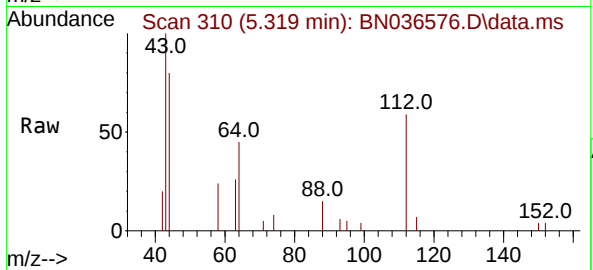




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

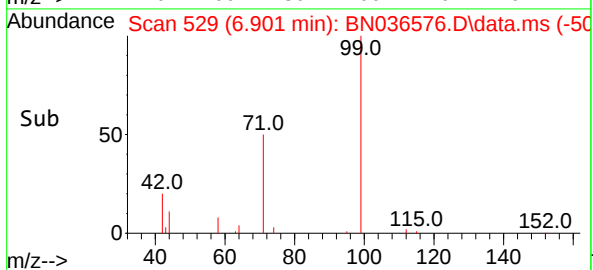
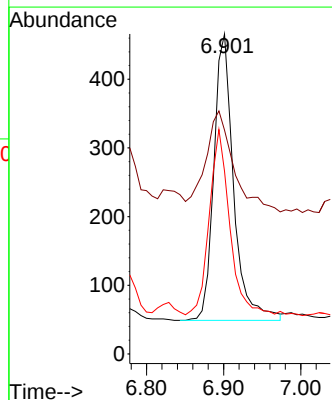
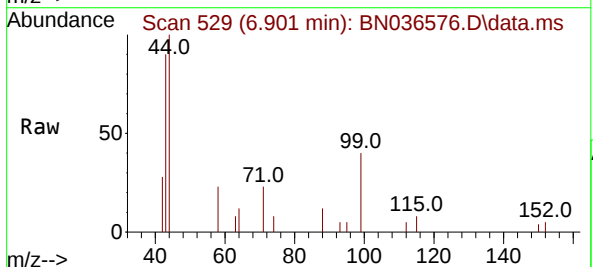
Instrument :
BNA_N
ClientSampleId :
RE122D2-20250305

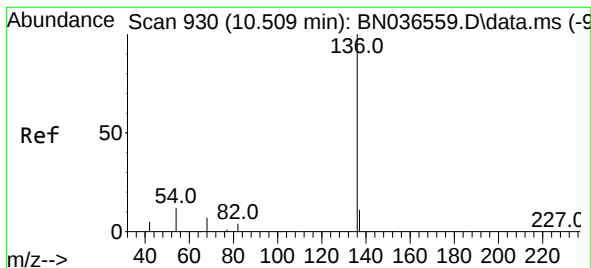
Tgt Ion:112 Resp: 1122
Ion Ratio Lower Upper
112 100
64 67.8 53.1 79.7
63 40.1 31.8 47.8



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

Tgt Ion: 99 Resp: 740
Ion Ratio Lower Upper
99 100
42 49.3 26.5 39.7#
71 66.5 34.1 51.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.509 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN036576.D

Acq: 11 Mar 2025 11:20

Instrument :

BNA_N

ClientSampleId :

RE122D2-20250305

Tgt Ion:136 Resp: 7375

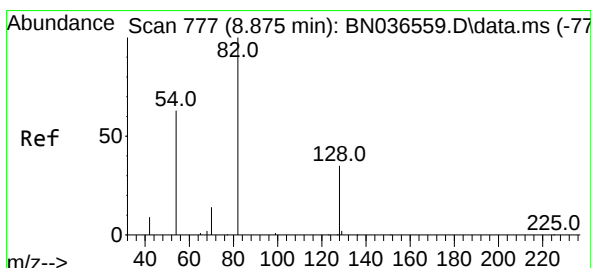
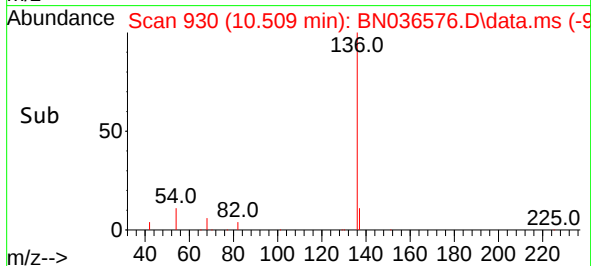
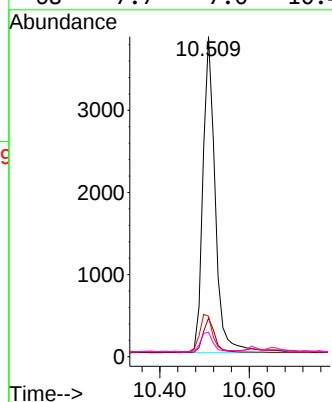
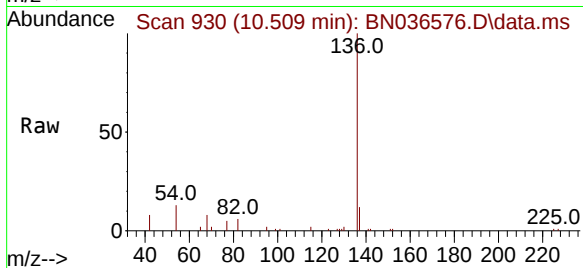
Ion Ratio Lower Upper

136 100

137 12.0 10.3 15.5

54 12.7 11.5 17.3

68 7.7 7.0 10.4



#8

Nitrobenzene-d5

Concen: 0.325 ng

RT: 8.875 min Scan# 777

Delta R.T. 0.000 min

Lab File: BN036576.D

Acq: 11 Mar 2025 11:20

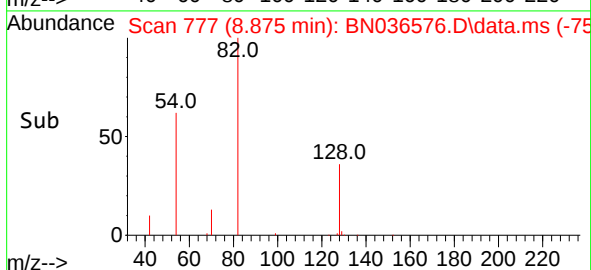
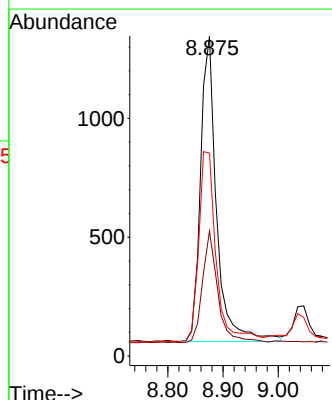
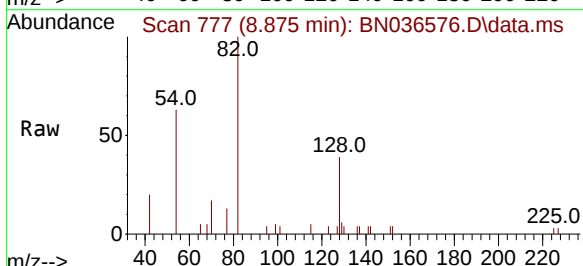
Tgt Ion: 82 Resp: 2607

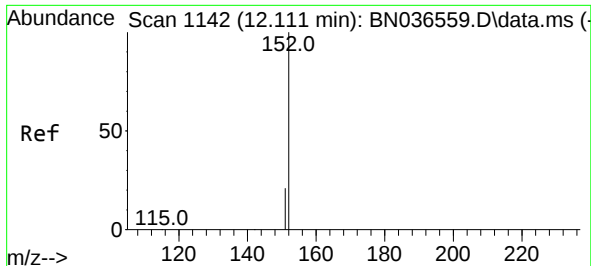
Ion Ratio Lower Upper

82 100

128 39.0 30.6 45.8

54 63.4 52.2 78.4

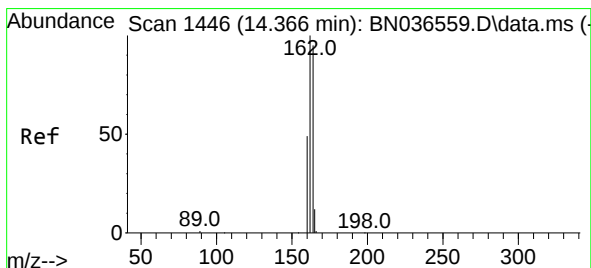
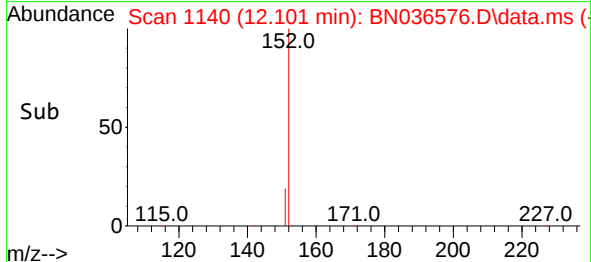
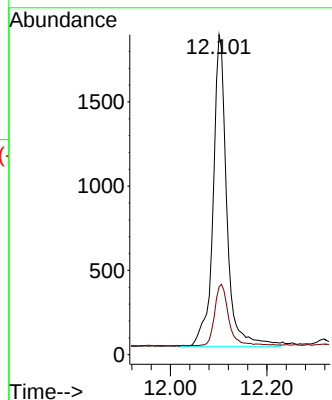
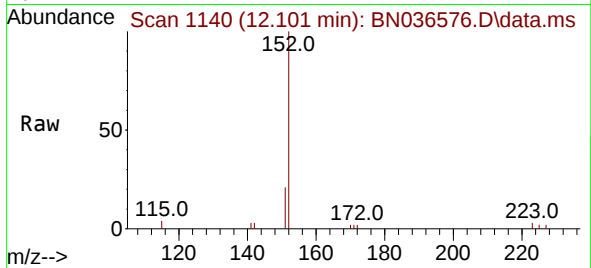




#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.101 min Scan# 1142
Delta R.T. -0.010 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

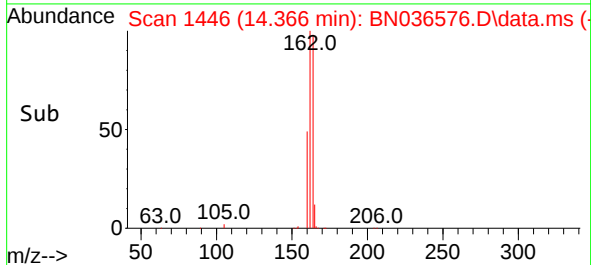
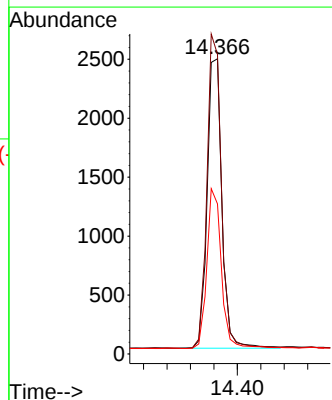
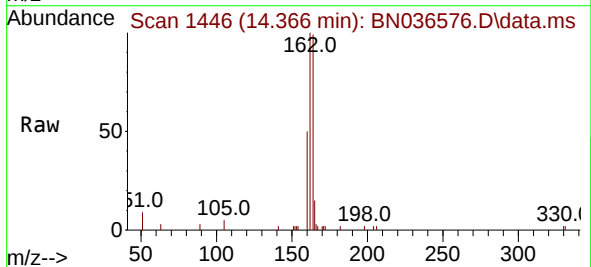
Instrument :
BNA_N
ClientSampleId :
RE122D2-20250305

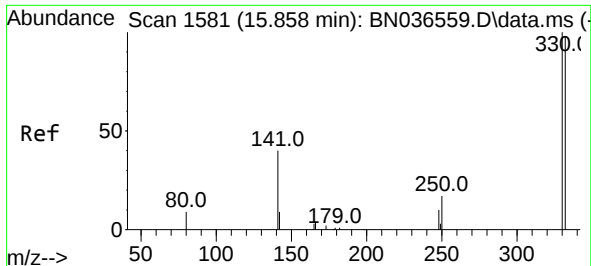
Tgt Ion:152 Resp: 3642
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

Tgt Ion:164 Resp: 4300
Ion Ratio Lower Upper
164 100
162 101.4 84.2 126.2
160 50.8 42.2 63.2

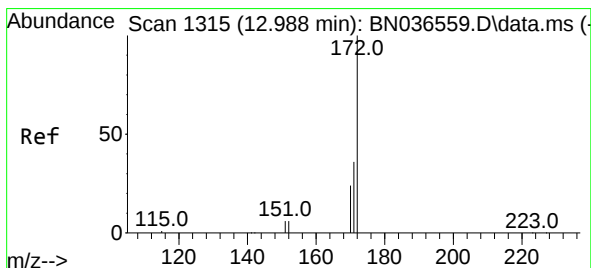
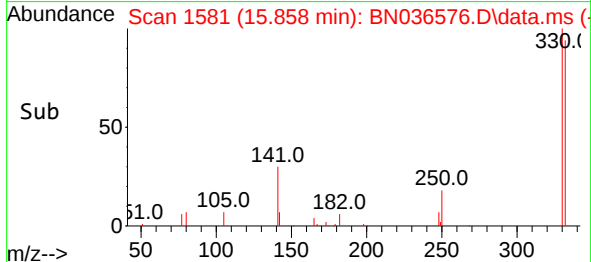
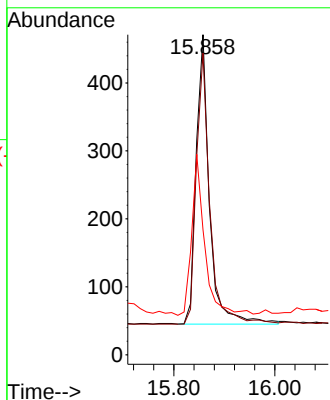
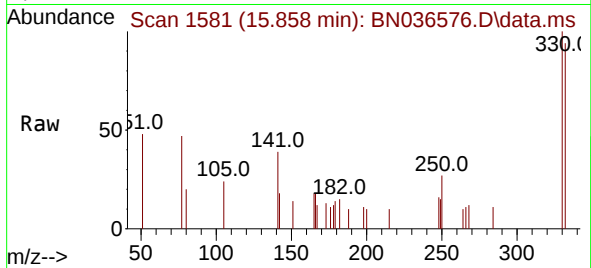




#14
 2,4,6-Tribromophenol
 Concen: 0.403 ng
 RT: 15.858 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN036576.D
 Acq: 11 Mar 2025 11:20

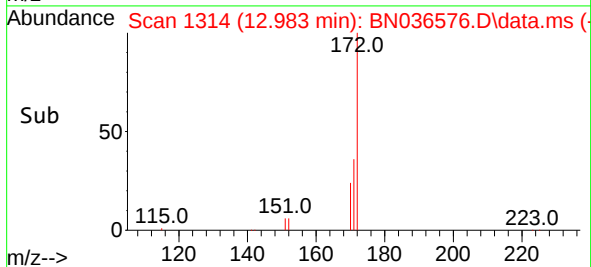
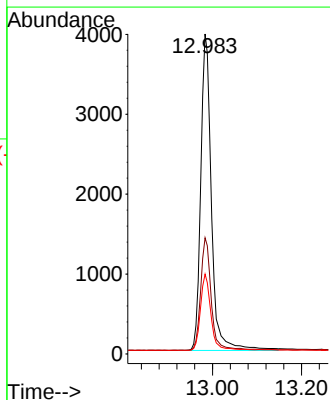
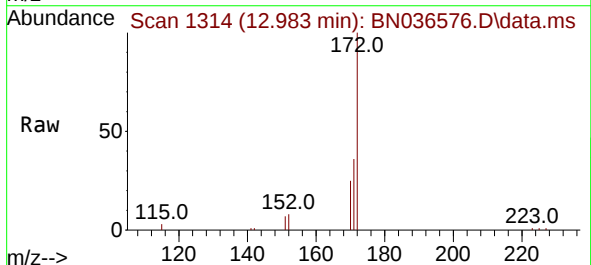
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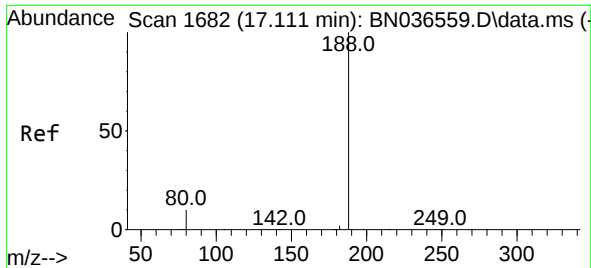
Tgt Ion:	330	Resp:	786
Ion Ratio	Lower	Upper	
330	100		
332	94.9	75.2	112.8
141	53.9	43.4	65.2



#15
 2-Fluorobiphenyl
 Concen: 0.370 ng
 RT: 12.983 min Scan# 1314
 Delta R.T. -0.005 min
 Lab File: BN036576.D
 Acq: 11 Mar 2025 11:20

Tgt Ion:	172	Resp:	9247
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.5	44.3
170	24.9	20.2	30.4

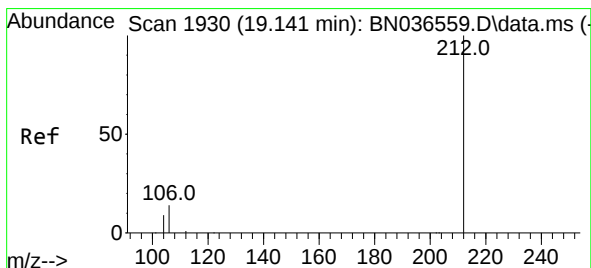
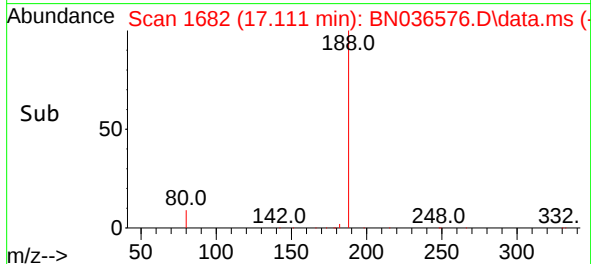
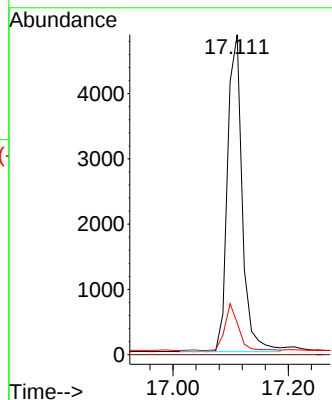
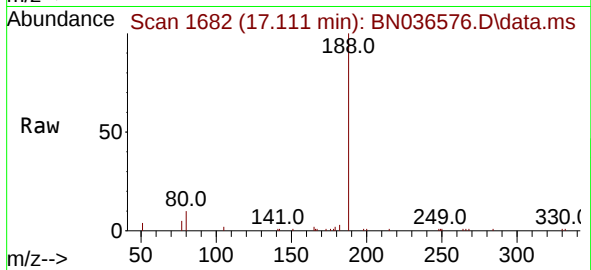




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

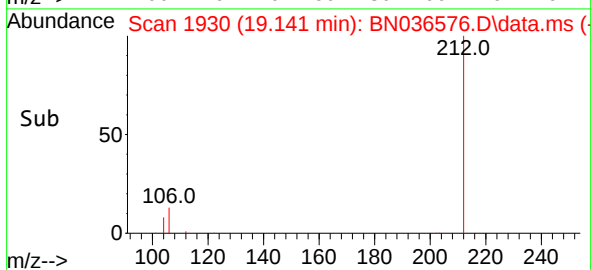
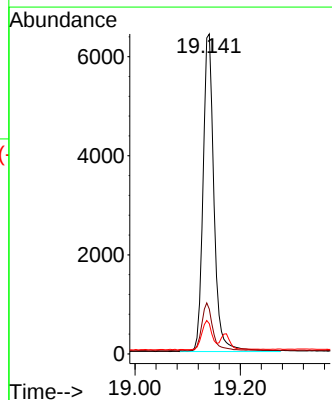
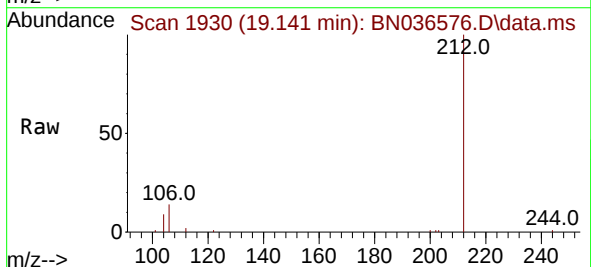
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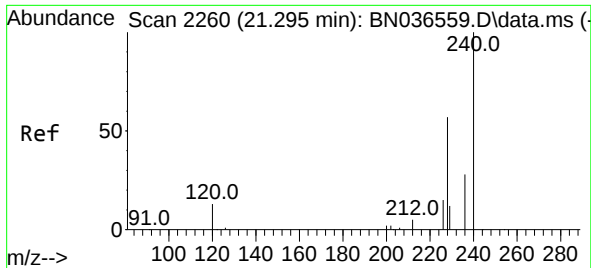
Tgt Ion:188 Resp: 8599
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

Tgt Ion:212 Resp: 9238
Ion Ratio Lower Upper
212 100
106 15.3 11.8 17.6
104 8.6 7.3 10.9

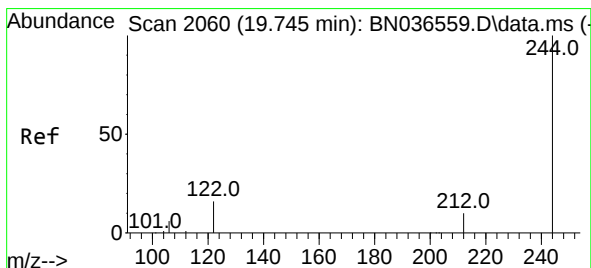
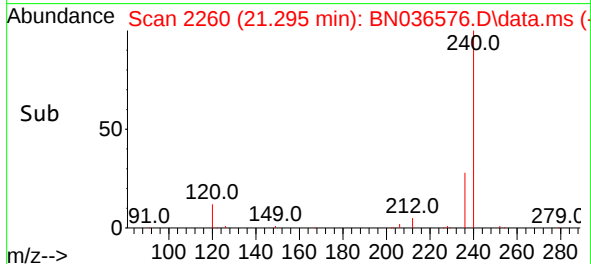
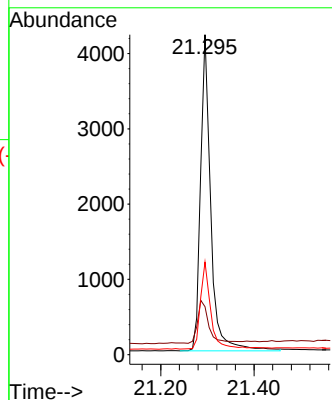
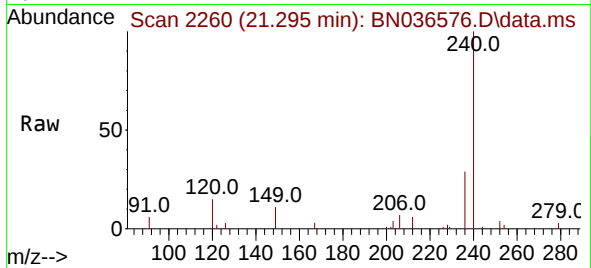




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

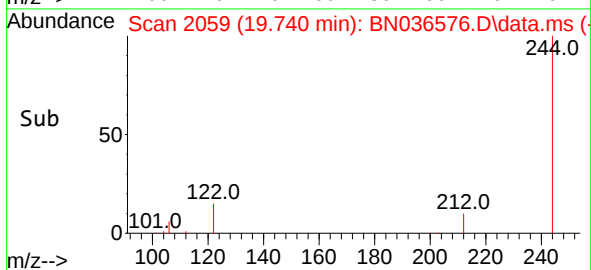
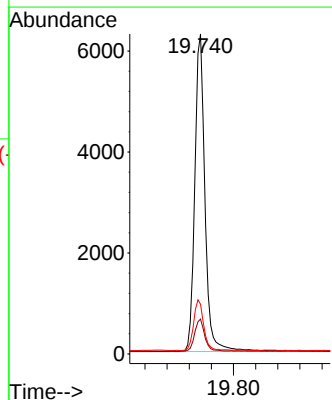
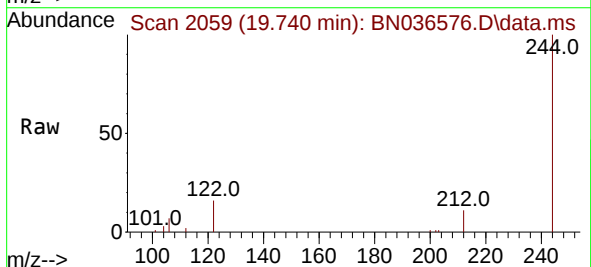
Instrument :
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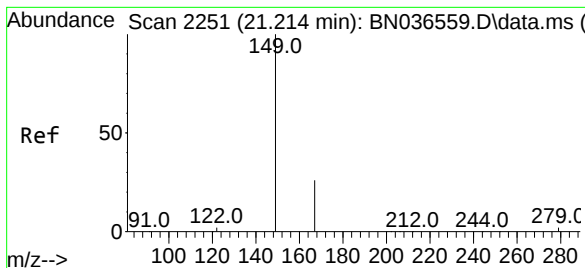
Tgt Ion:240 Resp: 6414
Ion Ratio Lower Upper
240 100
120 15.0 14.6 22.0
236 29.0 24.1 36.1



#31
Terphenyl-d14
Concen: 0.525 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN036576.D
Acq: 11 Mar 2025 11:20

Tgt Ion:244 Resp: 8067
Ion Ratio Lower Upper
244 100
212 10.9 9.6 14.4
122 15.5 13.9 20.9

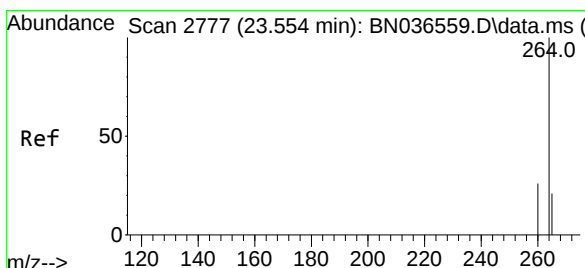
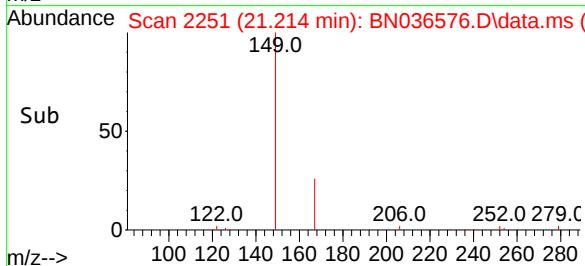
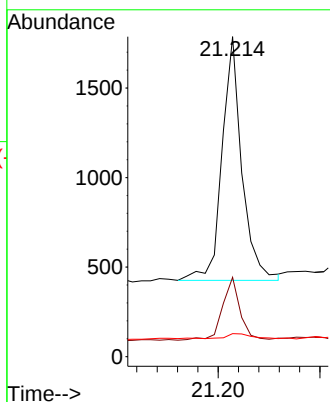
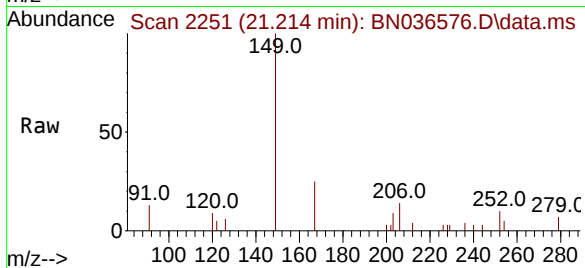




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.116 ng
 RT: 21.214 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036576.D
 Acq: 11 Mar 2025 11:20

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20250305

Tgt Ion:149 Resp: 1840
 Ion Ratio Lower Upper
 149 100
 167 22.9 20.7 31.1
 279 2.3 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.548 min Scan# 2775
 Delta R.T. -0.006 min
 Lab File: BN036576.D
 Acq: 11 Mar 2025 11:20

Tgt Ion:264 Resp: 5766
 Ion Ratio Lower Upper
 264 100
 260 26.0 22.6 33.8
 265 78.2 88.1 132.1#

