

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037908.D
 Acq On : 26 Sep 2025 03:29
 Operator : RC/JU
 Sample : Q3156-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20250918

Quant Time: Sep 26 07:38:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

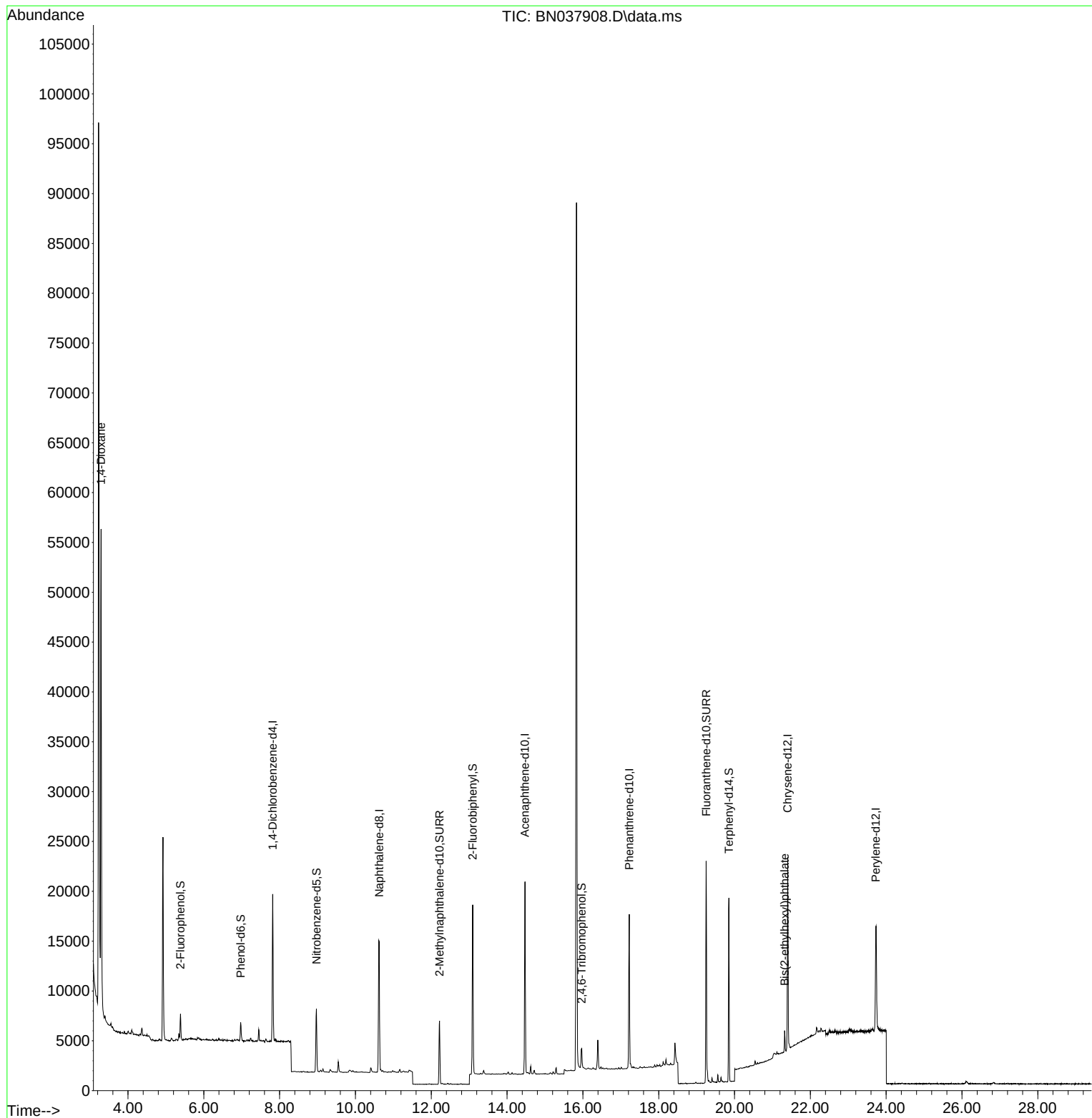
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6764	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	19035	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	9869	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	20274	0.400	ng	0.00
29) Chrysene-d12	21.402	240	16818	0.400	ng	0.00
35) Perylene-d12	23.730	264	15301	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2068	0.134	ng	0.00
5) Phenol-d6	6.973	99	1638	0.081	ng	0.00
8) Nitrobenzene-d5	8.971	82	5258	0.362	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	8525	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1296	0.346	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	14180	0.351	ng	0.00
27) Fluoranthene-d10	19.252	212	22717	0.445	ng	0.00
31) Terphenyl-d14	19.852	244	17100	0.510	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	31149	4.536	ng	99
34) Bis(2-ethylhexyl)phtha...	21.322	149	1987	0.085	ng	# 99

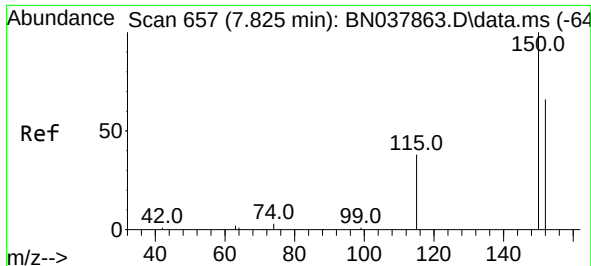
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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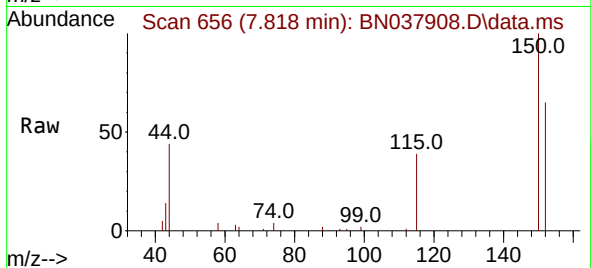
Quant Time: Sep 26 07:38:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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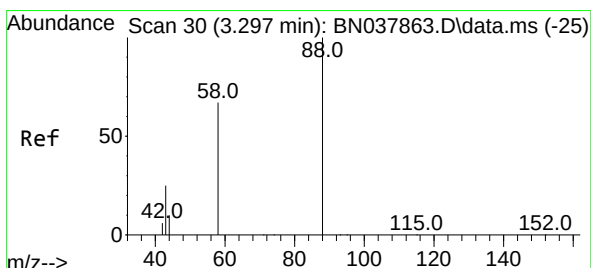
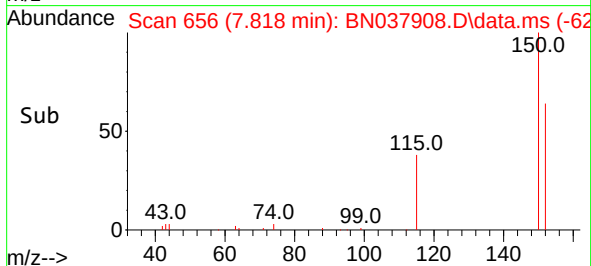
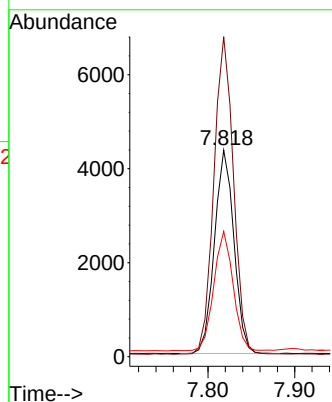
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037908.D
 Acq: 26 Sep 2025 03:29

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20250918



Tgt Ion:152 Resp: 6764

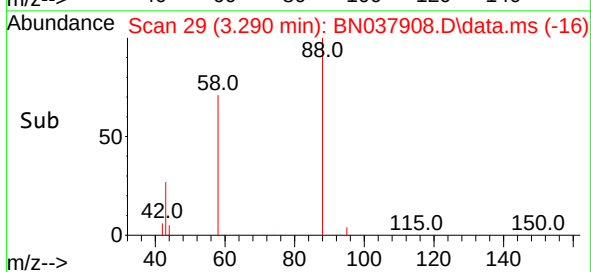
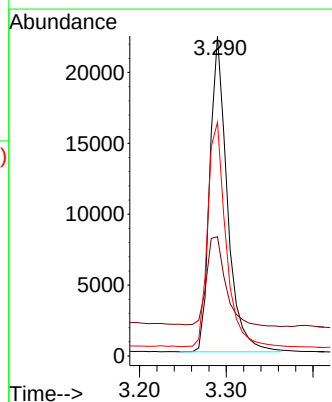
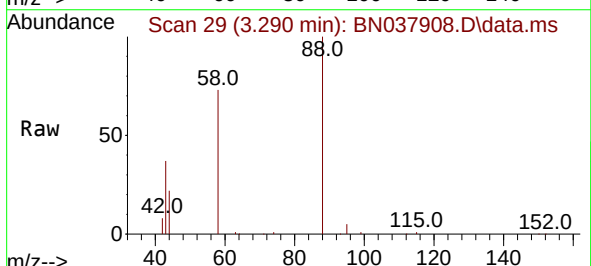
Ion	Ratio	Lower	Upper
152	100		
150	154.9	121.0	181.4
115	60.6	47.4	71.0

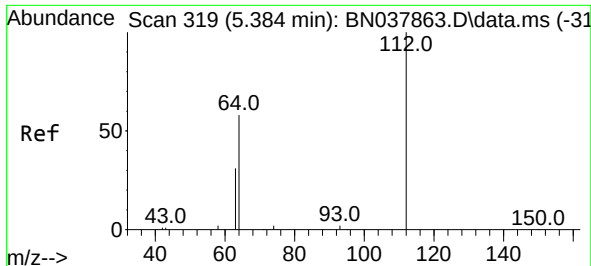


#2
 1,4-Dioxane
 Concen: 4.536 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037908.D
 Acq: 26 Sep 2025 03:29

Tgt Ion: 88 Resp: 31149

Ion	Ratio	Lower	Upper
88	100		
43	31.6	26.6	39.8
58	74.3	58.9	88.3

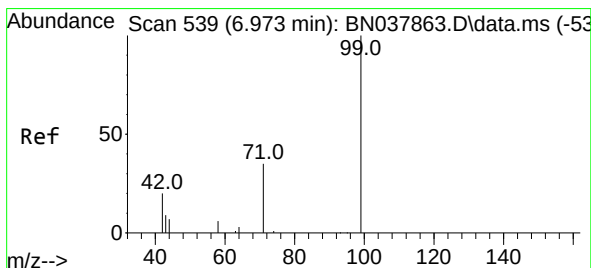
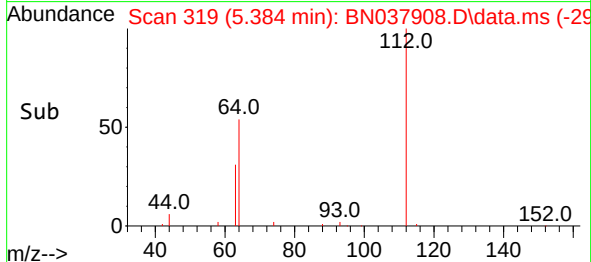
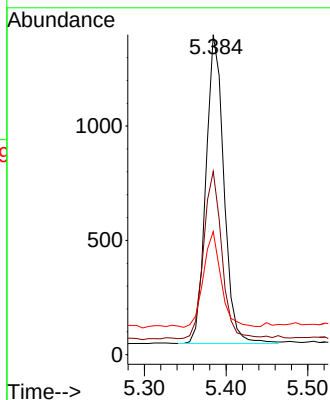
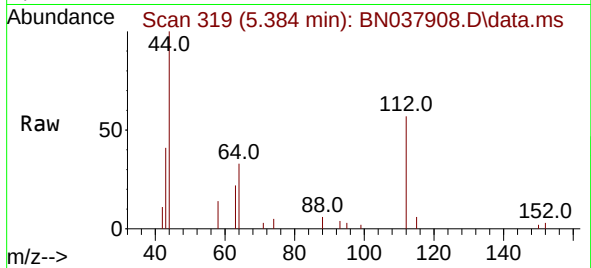




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037908.D
Acq: 26 Sep 2025 03:29

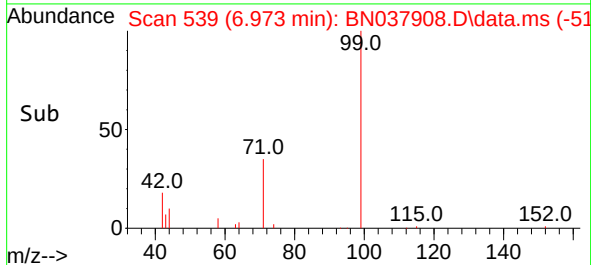
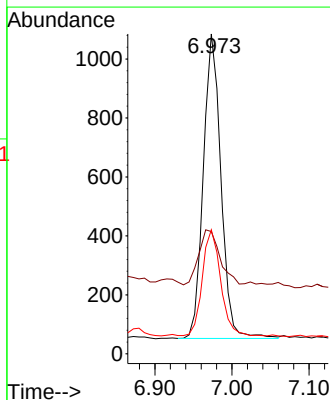
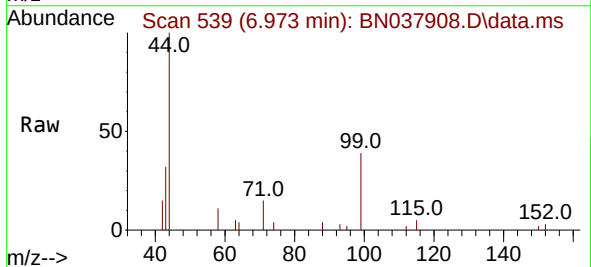
Instrument :
BNA_N
ClientSampleId :
RE132D3-20250918

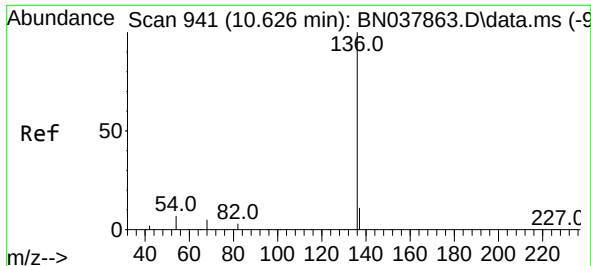
Tgt Ion:112 Resp: 2068
Ion Ratio Lower Upper
112 100
64 54.9 44.6 66.8
63 30.5 24.9 37.3



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037908.D
Acq: 26 Sep 2025 03:29

Tgt Ion: 99 Resp: 1638
Ion Ratio Lower Upper
99 100
42 21.6 17.2 25.8
71 36.3 27.3 40.9

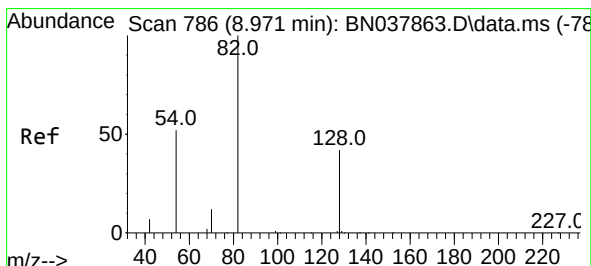
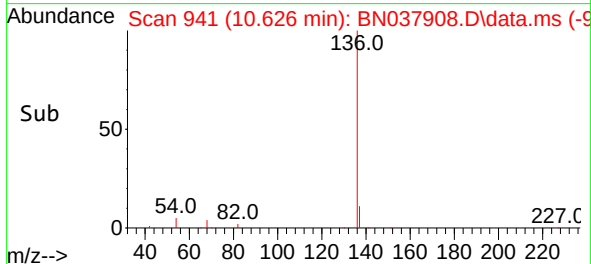
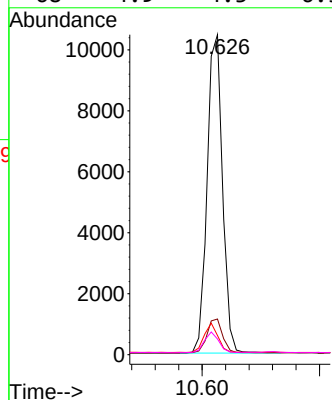
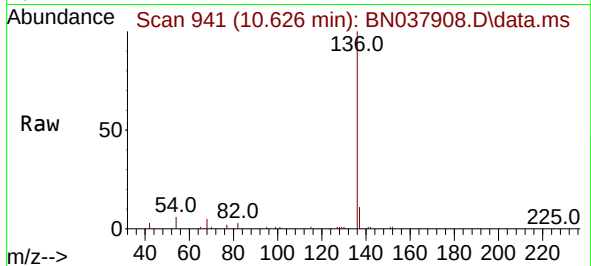




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037908.D
Acq: 26 Sep 2025 03:29

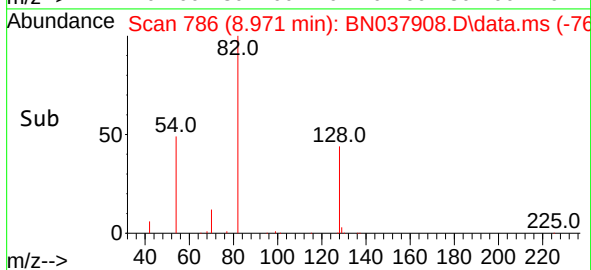
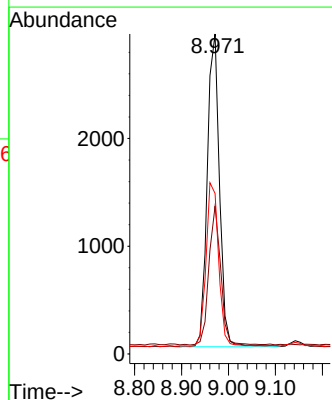
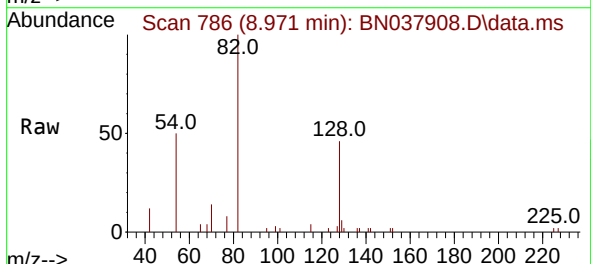
Instrument :
BNA_N
ClientSampleId :
RE132D3-20250918

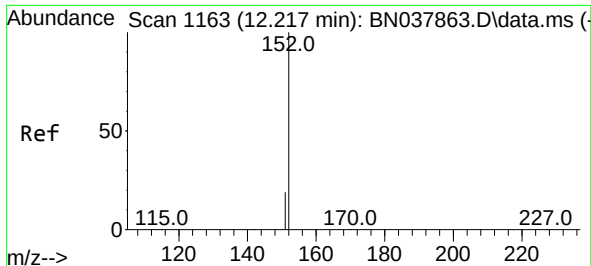
Tgt Ion:	136	Resp:	19035
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	6.0	5.8	8.8
68	4.9	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037908.D
Acq: 26 Sep 2025 03:29

Tgt Ion:	82	Resp:	5258
Ion Ratio	Lower	Upper	
82	100		
128	46.2	34.8	52.2
54	50.1	42.2	63.2

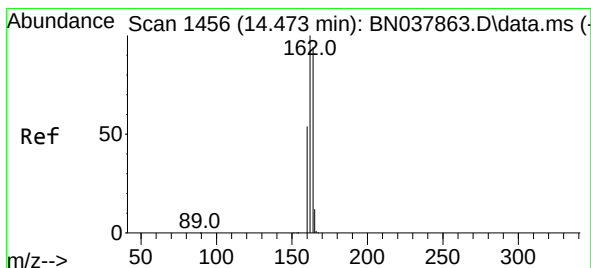
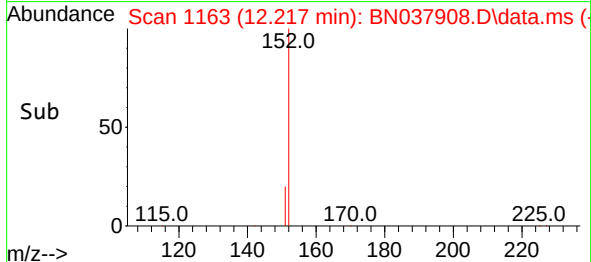
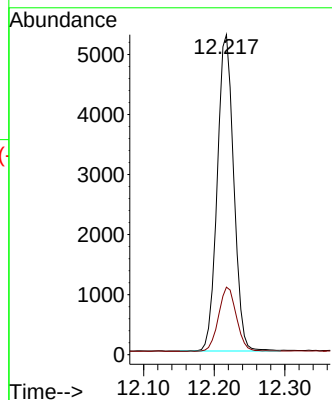
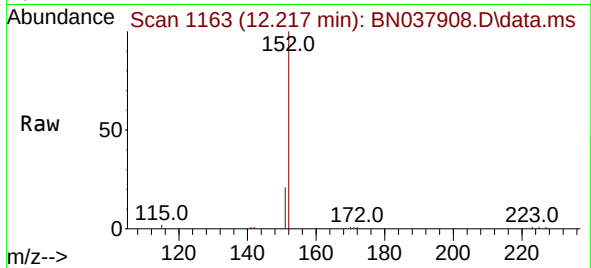




#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037908.D
Acq: 26 Sep 2025 03:29

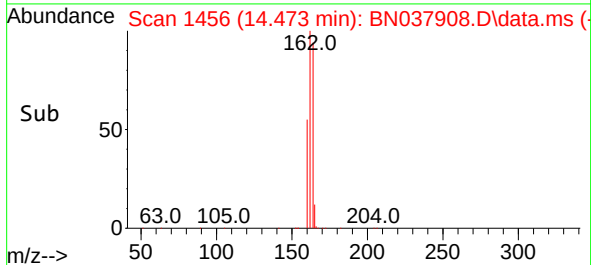
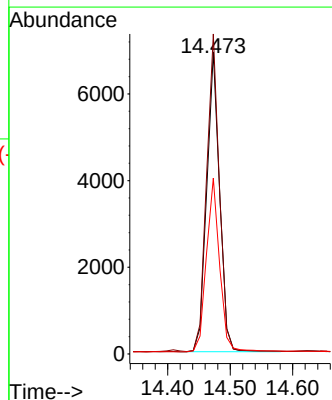
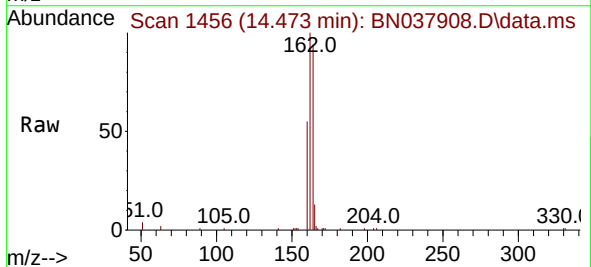
Instrument :
BNA_N
ClientSampleId :
RE132D3-20250918

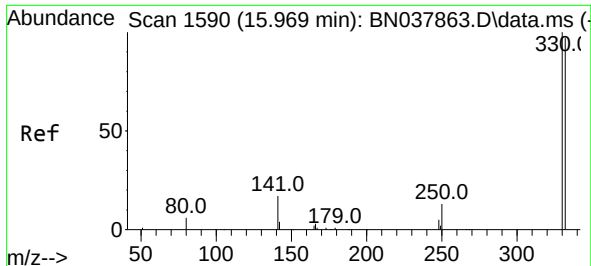
Tgt Ion:152 Resp: 8525
Ion Ratio Lower Upper
152 100
151 22.1 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037908.D
Acq: 26 Sep 2025 03:29

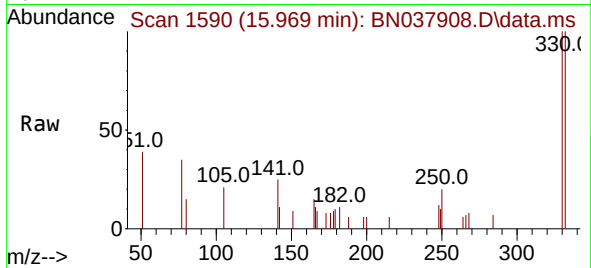
Tgt Ion:164 Resp: 9869
Ion Ratio Lower Upper
164 100
162 105.9 84.8 127.2
160 58.2 46.1 69.1



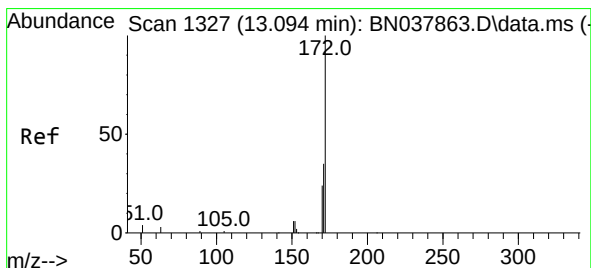
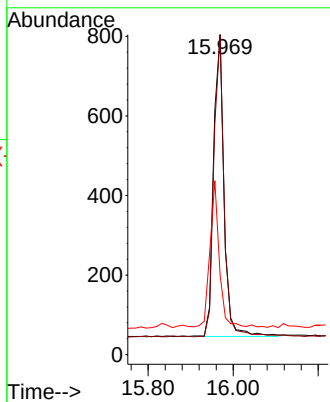
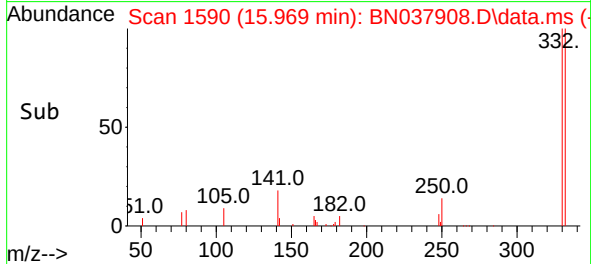


#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037908.D
Acq: 26 Sep 2025 03:29

Instrument :
BNA_N
ClientSampleId :
RE132D3-20250918

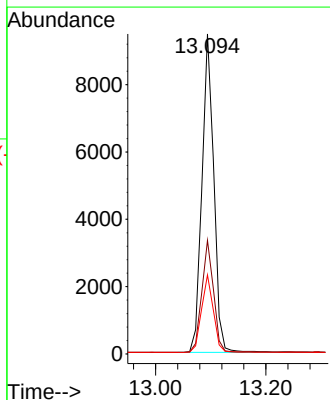
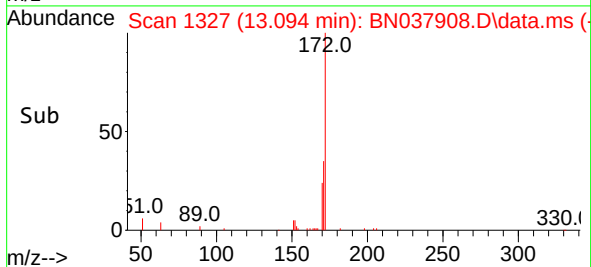
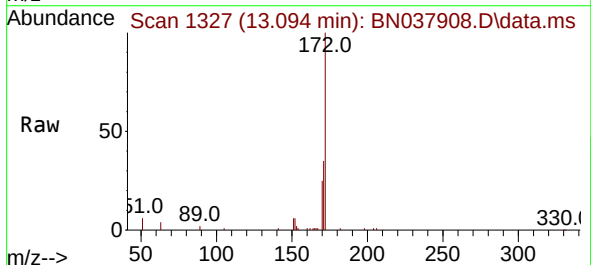


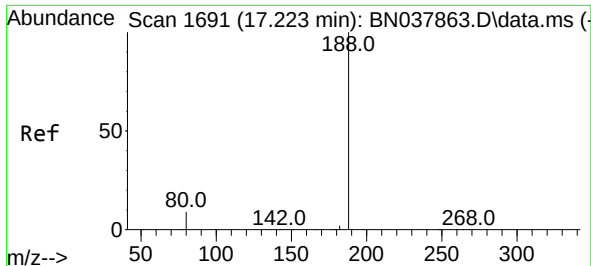
Tgt Ion:330 Resp: 1296
Ion Ratio Lower Upper
330 100
332 97.3 77.2 115.8
141 42.8 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037908.D
Acq: 26 Sep 2025 03:29

Tgt Ion:172 Resp: 14180
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.7 19.7 29.5

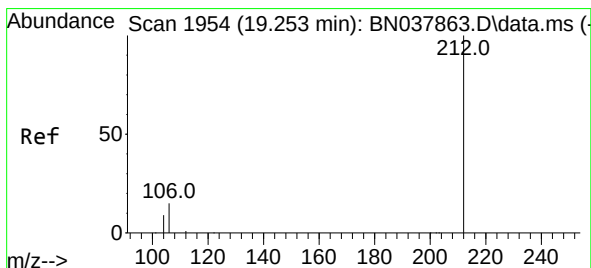
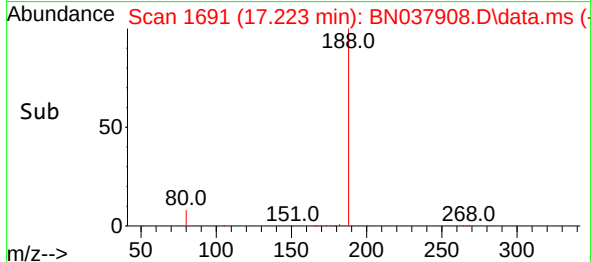
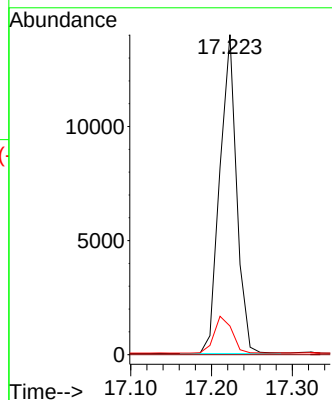
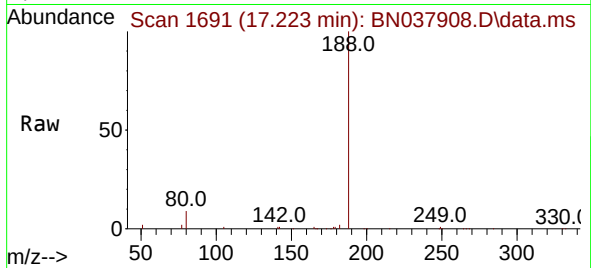




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037908.D
Acq: 26 Sep 2025 03:29

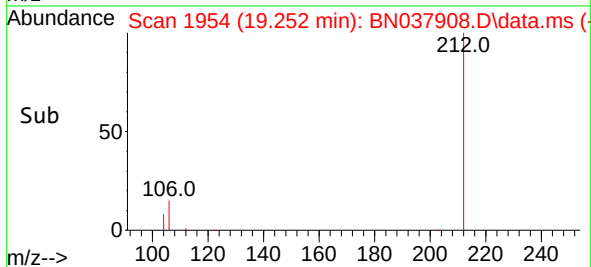
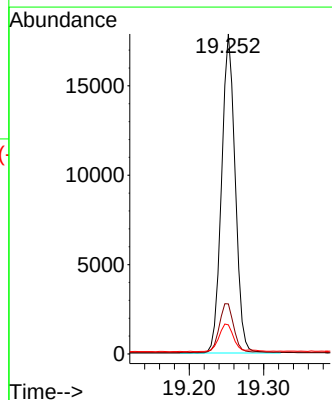
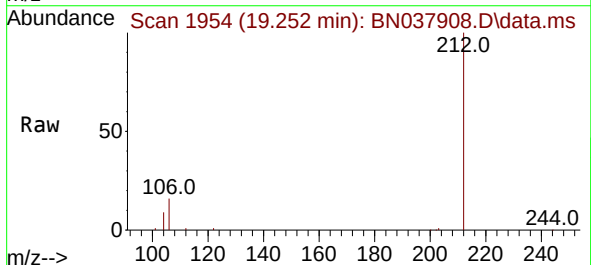
Instrument :
BNA_N
ClientSampleId :
RE132D3-20250918

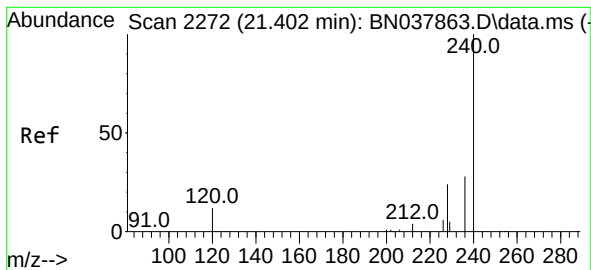
Tgt Ion:188 Resp: 20274
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.445 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037908.D
Acq: 26 Sep 2025 03:29

Tgt Ion:212 Resp: 22717
Ion Ratio Lower Upper
212 100
106 16.4 12.6 19.0
104 9.0 7.4 11.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.402 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037908.D

Acq: 26 Sep 2025 03:29

Instrument :

BNA_N

ClientSampleId :

RE132D3-20250918

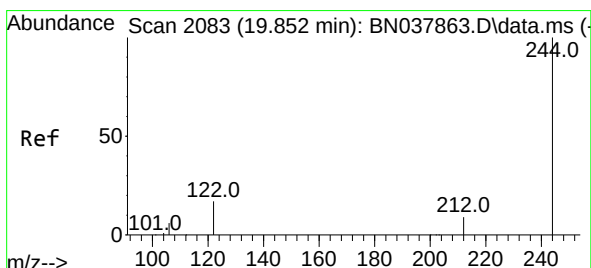
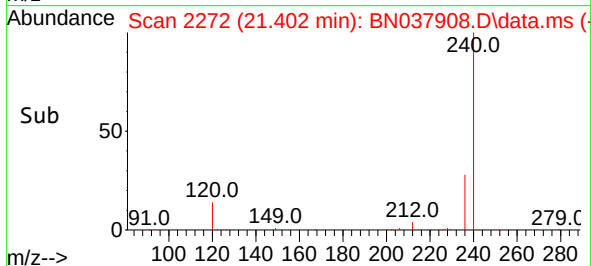
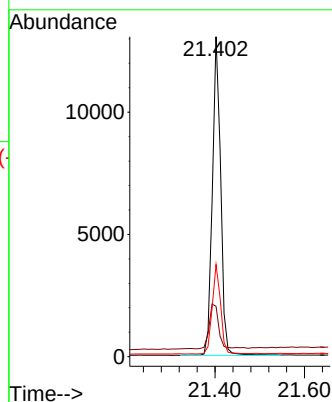
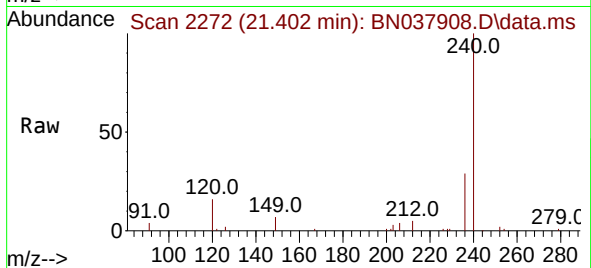
Tgt Ion:240 Resp: 16818

Ion Ratio Lower Upper

240 100

120 15.7 11.4 17.2

236 28.8 23.0 34.6



#31

Terphenyl-d14

Concen: 0.510 ng

RT: 19.852 min Scan# 2083

Delta R.T. -0.000 min

Lab File: BN037908.D

Acq: 26 Sep 2025 03:29

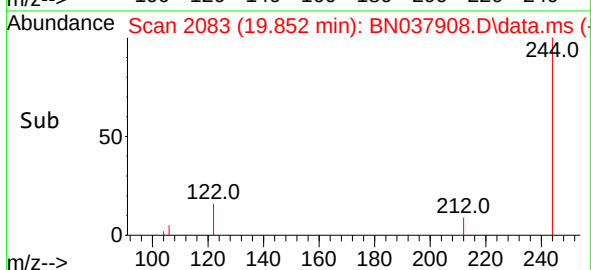
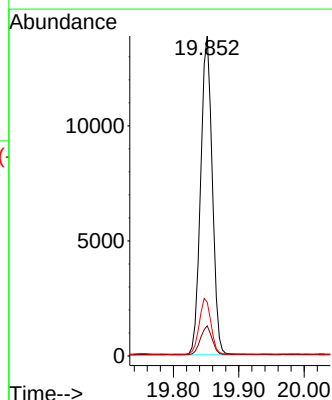
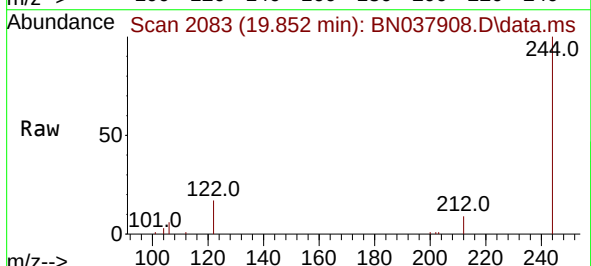
Tgt Ion:244 Resp: 17100

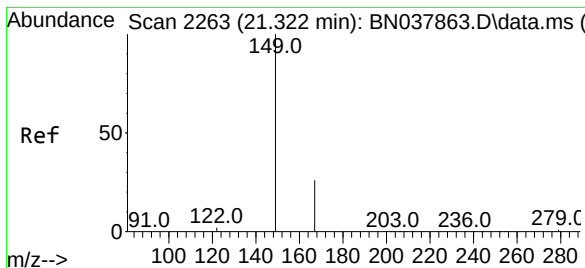
Ion Ratio Lower Upper

244 100

212 9.4 7.6 11.4

122 16.8 13.9 20.9

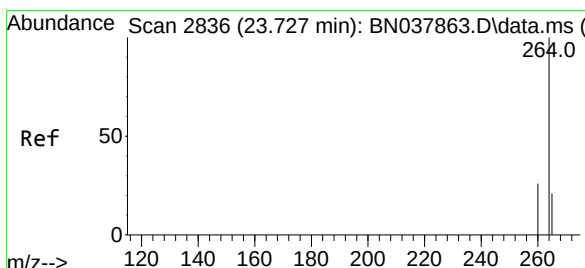
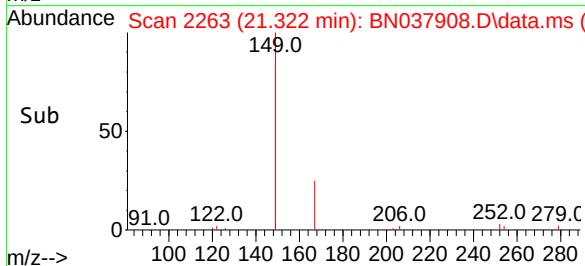
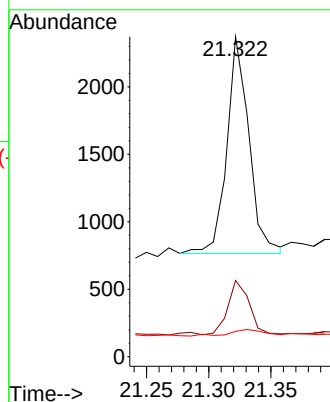
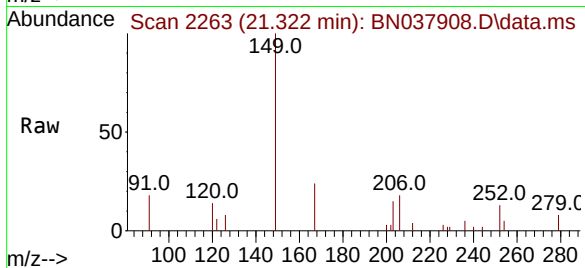




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.085 ng
RT: 21.322 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN037908.D
Acq: 26 Sep 2025 03:29

Instrument :
BNA_N
ClientSampleId :
RE132D3-20250918

Tgt Ion:149 Resp: 1987
Ion Ratio Lower Upper
149 100
167 25.7 20.4 30.6
279 4.8 2.4 3.6#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.730 min Scan# 2837
Delta R.T. 0.003 min
Lab File: BN037908.D
Acq: 26 Sep 2025 03:29

Tgt Ion:264 Resp: 15301
Ion Ratio Lower Upper
264 100
260 27.3 21.5 32.3
265 74.4 53.8 80.6

