

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037195.D
 Acq On : 09 Jun 2025 17:02
 Operator : RC/JU
 Sample : Q2251-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 09 17:53:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

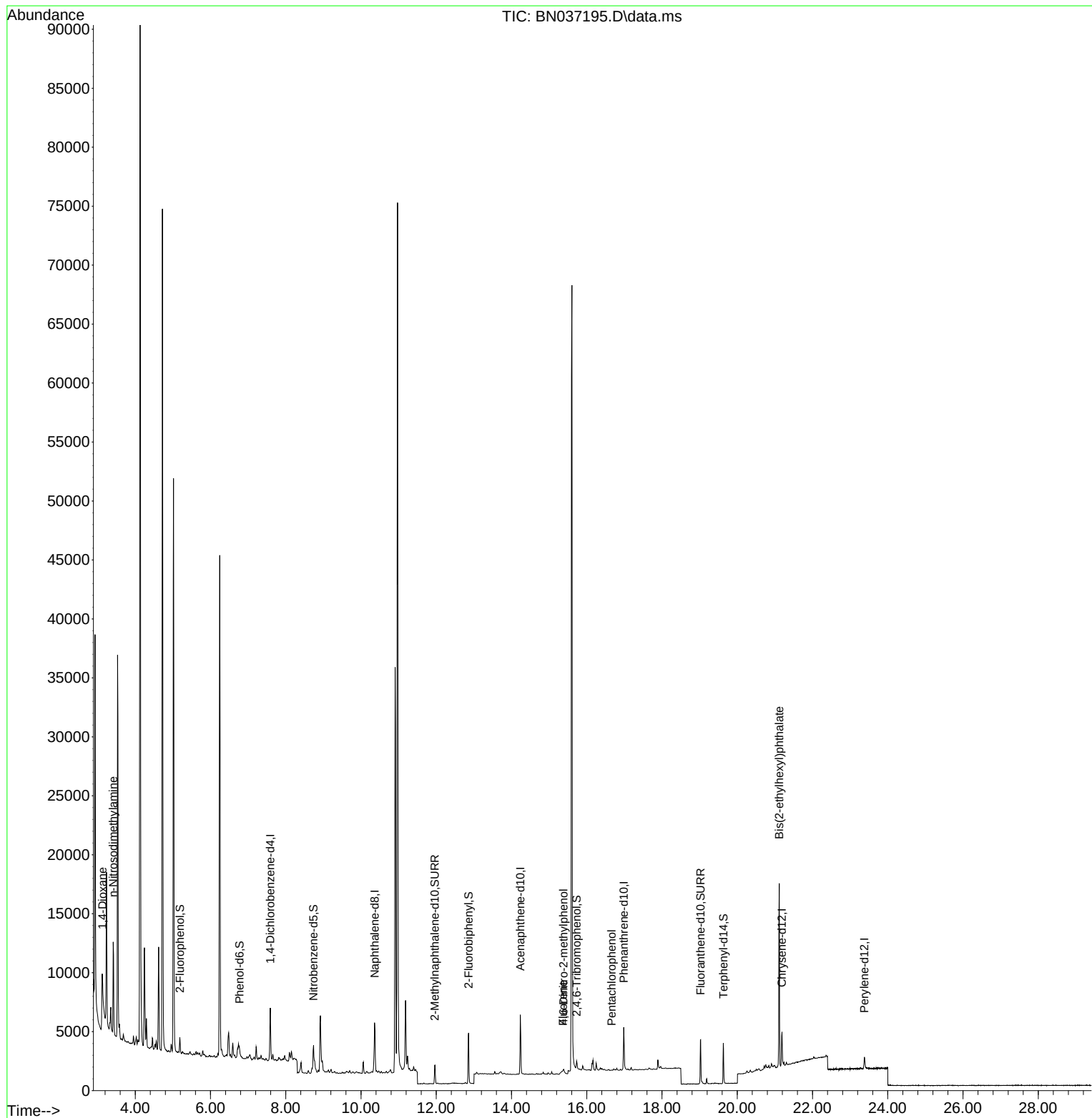
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	1997	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	5202	0.400	ng	#-0.01
13) Acenaphthene-d10	14.235	164	2686	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4836	0.400	ng	0.00
29) Chrysene-d12	21.189	240	3055	0.400	ng	# 0.00
35) Perylene-d12	23.380	264	1312	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.185	112	880	0.178	ng	0.00
5) Phenol-d6	6.773	99	699	0.117	ng	0.00
8) Nitrobenzene-d5	8.739	82	1719	0.313	ng	0.00
11) 2-Methylnaphthalene-d10	11.961	152	2219	0.306	ng	-0.01
14) 2,4,6-Tribromophenol	15.730	330	365	0.338	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	3748	0.327	ng	0.00
27) Fluoranthene-d10	19.026	212	4321	0.352	ng	0.00
31) Terphenyl-d14	19.630	244	3138	0.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.126	88	5707	2.144	ng	97
3) n-Nitrosodimethylamine	3.415	42	831	0.155	ng	# 19
18) Fluorene	15.368	166	1448	0.129	ng	# 7
20) 4,6-Dinitro-2-methylph...	15.379	198	1	0.275	ng	# 1
24) Pentachlorophenol	16.661	266	13	0.222	ng	# 50
34) Bis(2-ethylhexyl)phtha...	21.117	149	14225	2.039	ng	# 100

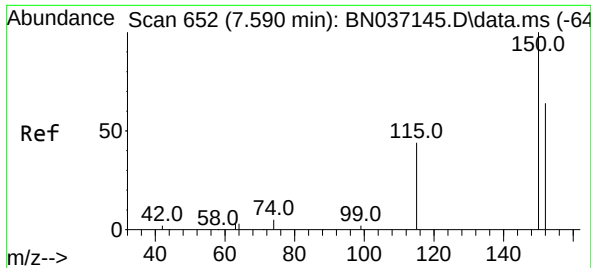
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037195.D
Acq On : 09 Jun 2025 17:02
Operator : RC/JU
Sample : Q2251-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

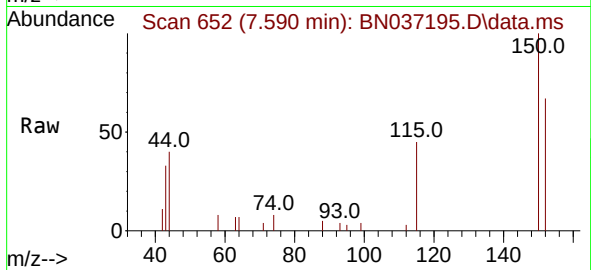
Quant Time: Jun 09 17:53:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration





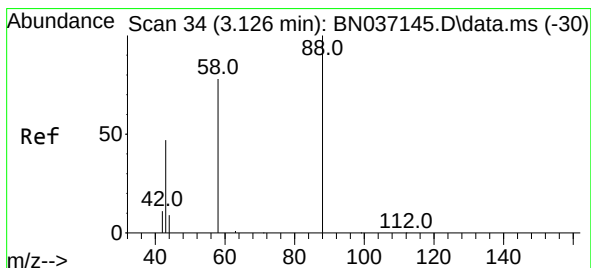
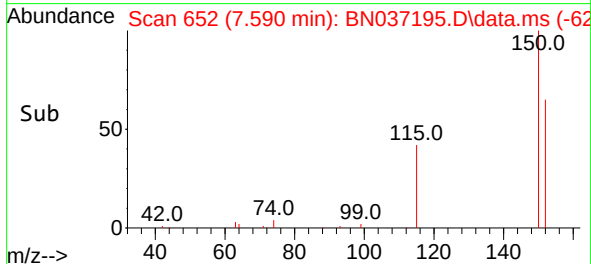
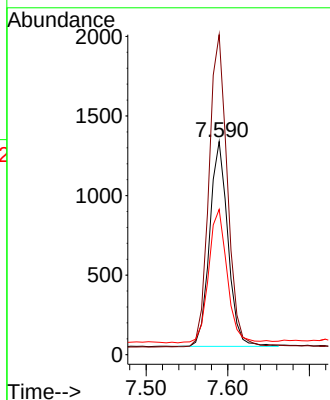
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.590 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:152 Resp: 1997

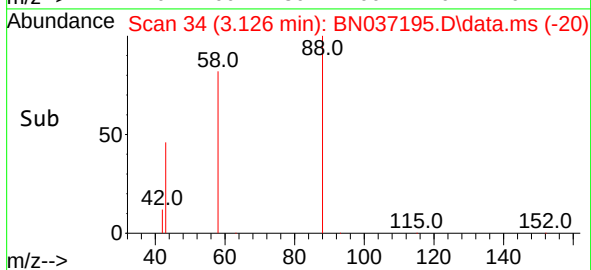
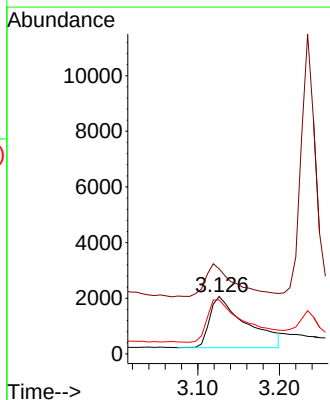
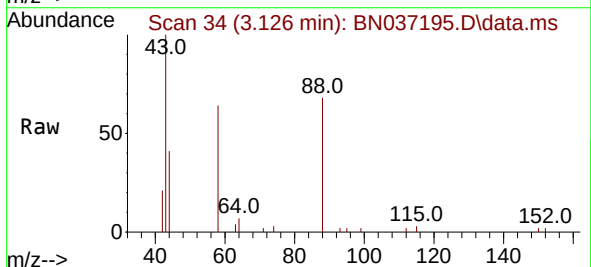
Ion	Ratio	Lower	Upper
152	100		
150	150.2	123.2	184.8
115	68.2	56.6	85.0

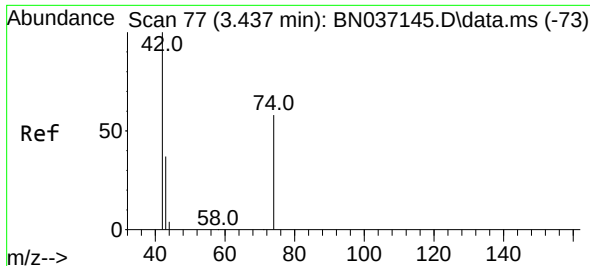


#2
 1,4-Dioxane
 Concen: 2.144 ng
 RT: 3.126 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

Tgt Ion: 88 Resp: 5707

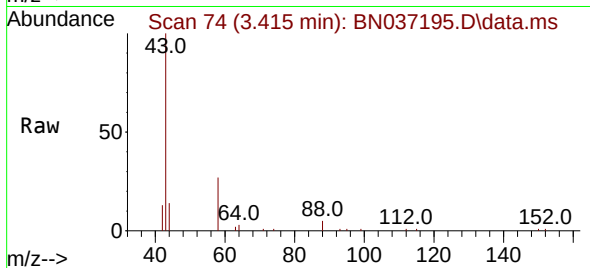
Ion	Ratio	Lower	Upper
88	100		
43	51.6	43.5	65.3
58	87.3	67.7	101.5



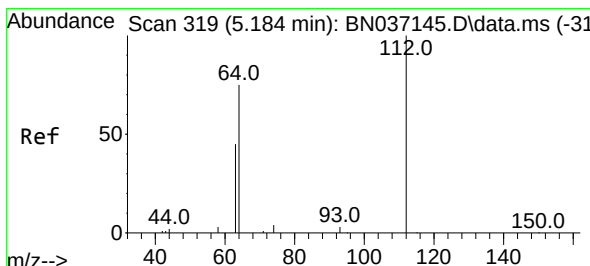
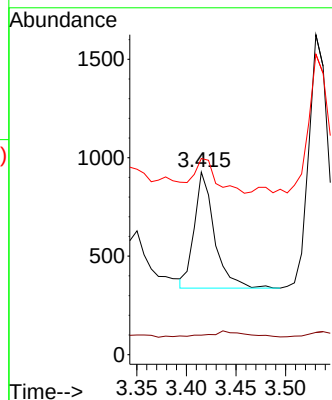
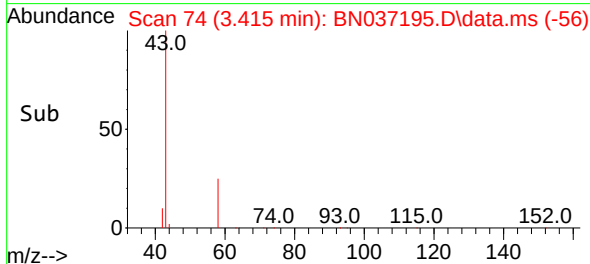


#3
n-Nitrosodimethylamine
Concen: 0.155 ng
RT: 3.415 min Scan# 74
Delta R.T. -0.022 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

Instrument :
BNA_N
ClientSampleId :

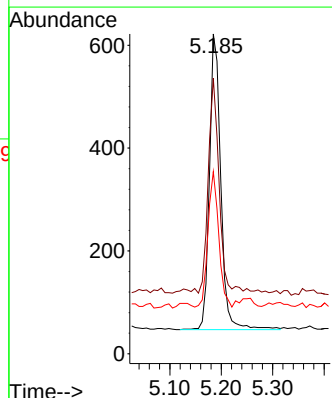
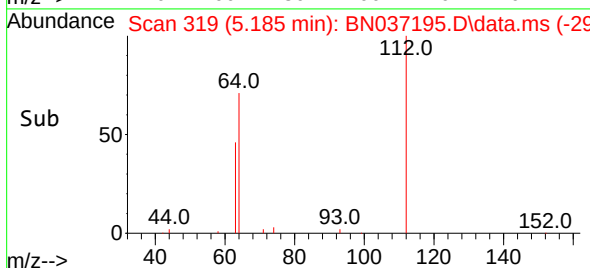
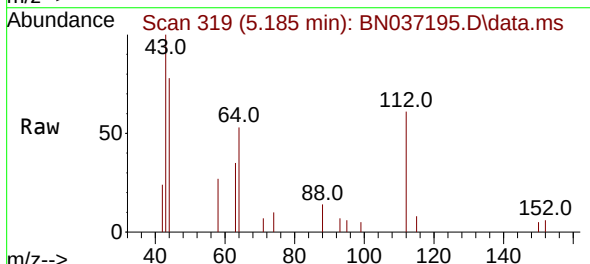


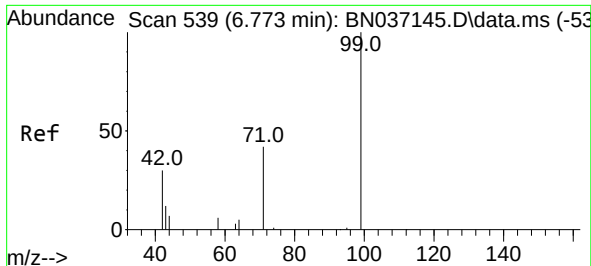
Tgt Ion: 42 Resp: 831
Ion Ratio Lower Upper
42 100
74 0.0 53.0 79.4#
44 30.3 5.9 8.9#



#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.185 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

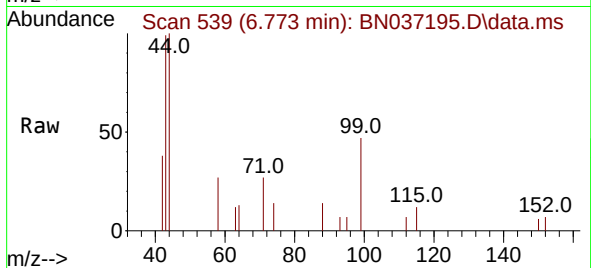
Tgt Ion: 112 Resp: 880
Ion Ratio Lower Upper
112 100
64 67.5 56.3 84.5
63 43.6 36.2 54.4



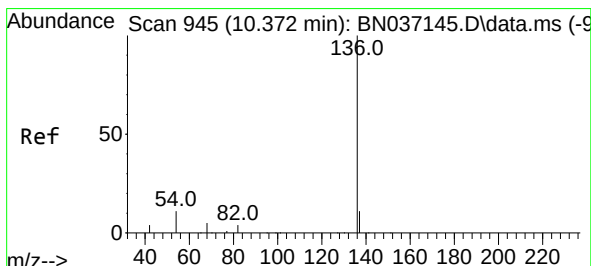
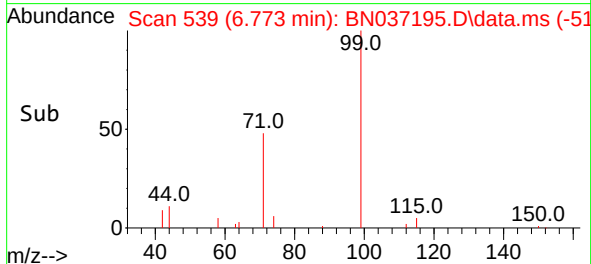
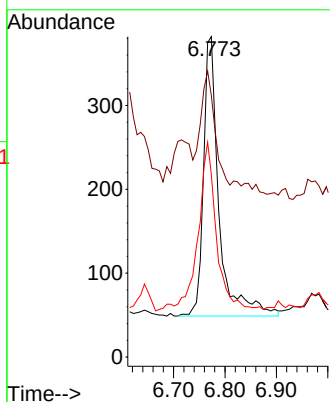


#5
Phenol-d6
Concen: 0.117 ng
RT: 6.773 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

Instrument :
BNA_N
ClientSampleId :

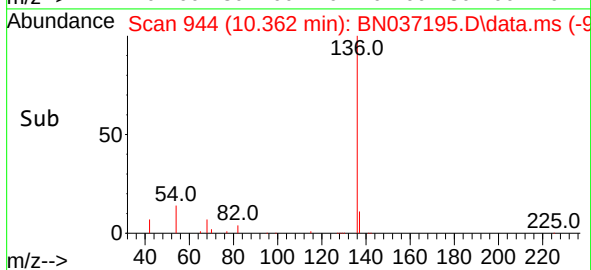
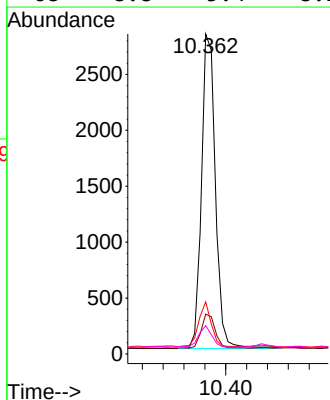
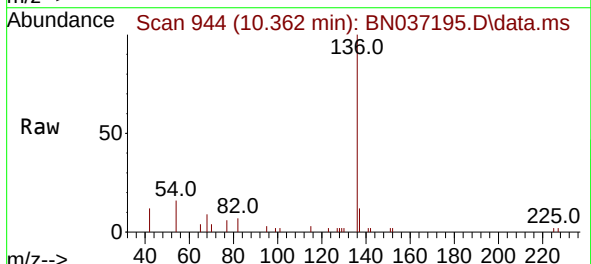


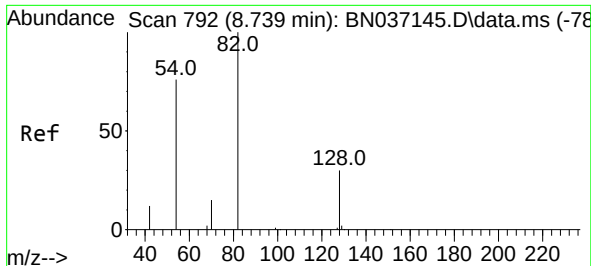
Tgt Ion:	99	Resp:	699
Ion	Ratio	Lower	Upper
99	100		
42	36.8	31.3	46.9
71	68.7	38.2	57.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

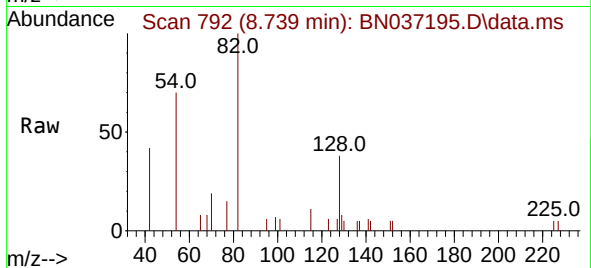
Tgt Ion:	136	Resp:	5202
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	16.3	9.7	14.5
68	8.8	5.4	8.2



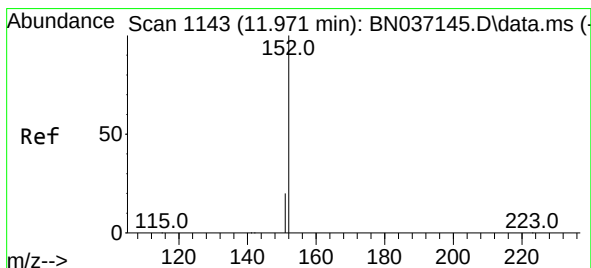
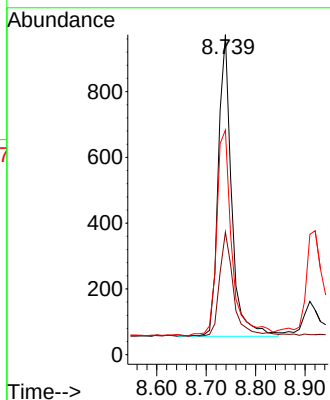
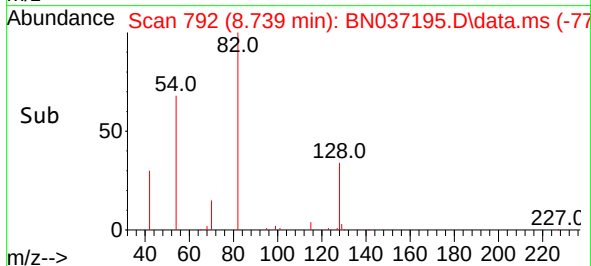


#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.000 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

Instrument :
BNA_N
ClientSampleId :

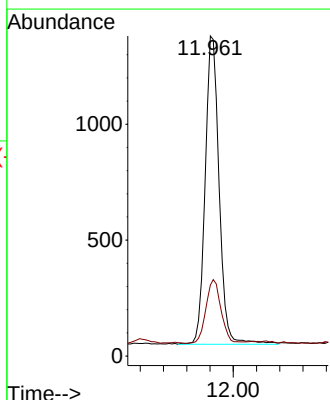
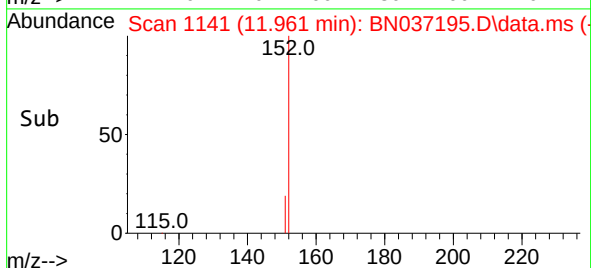
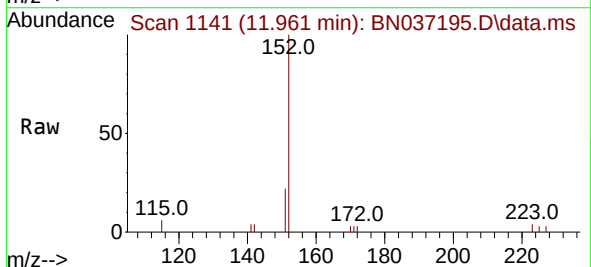


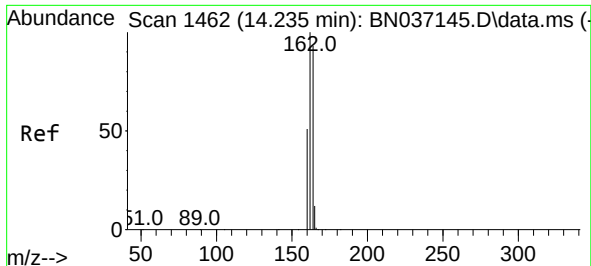
Tgt Ion: 82 Resp: 1719
Ion Ratio Lower Upper
82 100
128 38.3 26.9 40.3
54 70.2 61.4 92.2



#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 11.961 min Scan# 1141
Delta R.T. -0.010 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

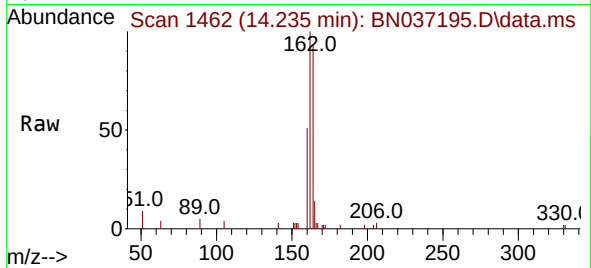
Tgt Ion: 152 Resp: 2219
Ion Ratio Lower Upper
152 100
151 22.4 17.1 25.7



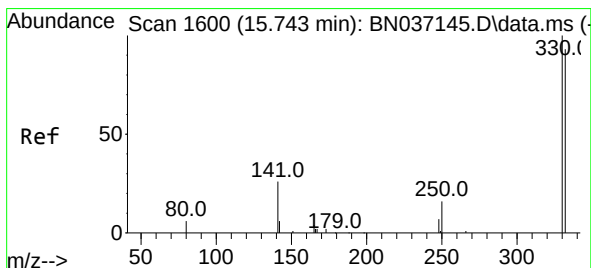
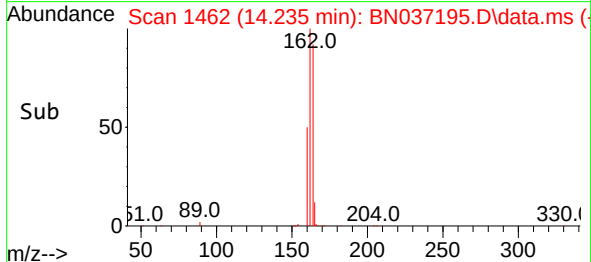
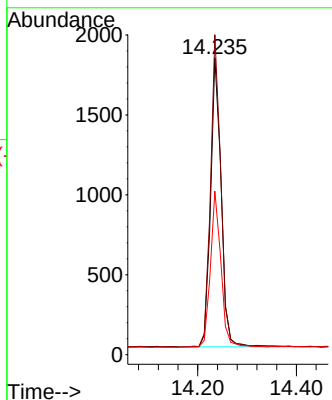


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

Instrument :
BNA_N
ClientSampleId :

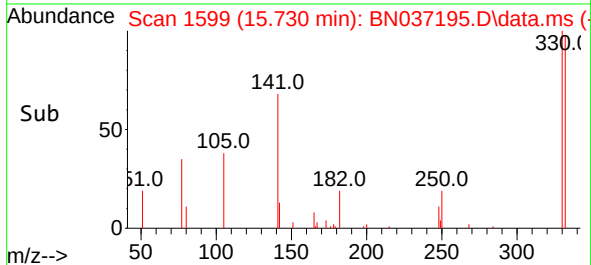
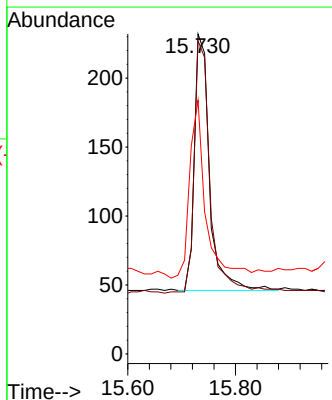
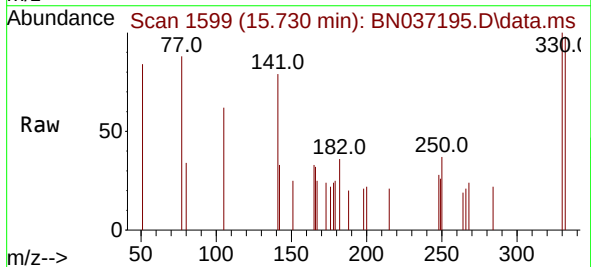


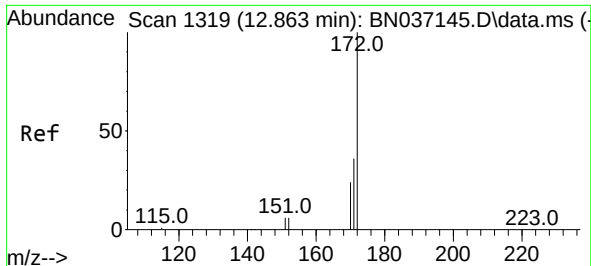
Tgt Ion:164 Resp: 2686
Ion Ratio Lower Upper
164 100
162 107.8 85.5 128.3
160 55.1 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

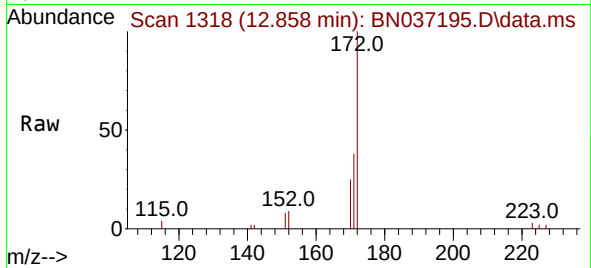
Tgt Ion:330 Resp: 365
Ion Ratio Lower Upper
330 100
332 105.2 77.1 115.7
141 72.9 46.4 69.6#



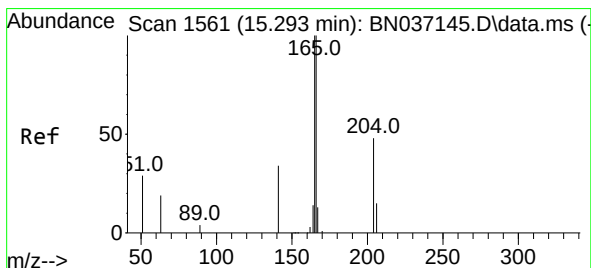
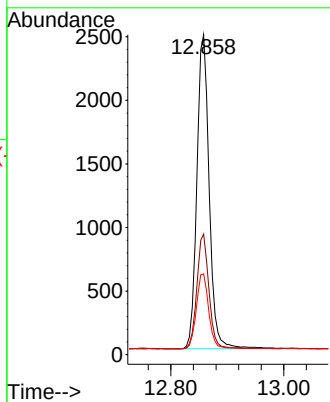
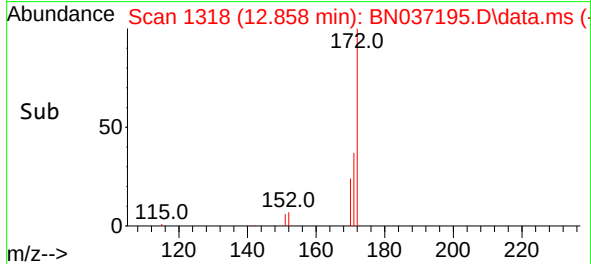


#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

Instrument :
BNA_N
ClientSampleId :

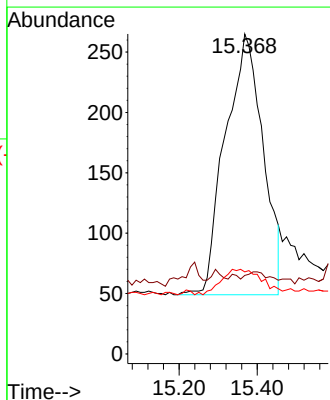
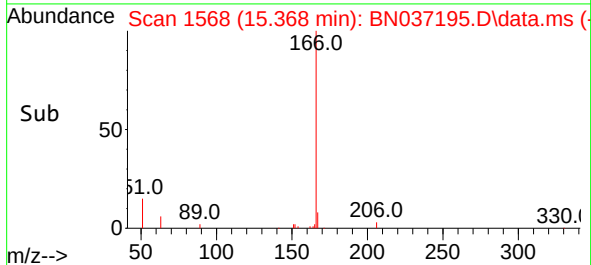
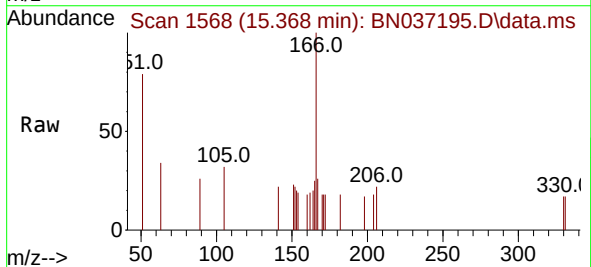


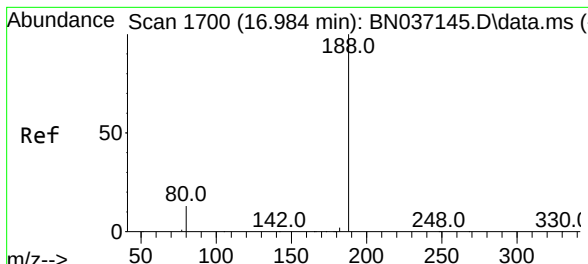
Tgt Ion:172 Resp: 3748
Ion Ratio Lower Upper
172 100
171 37.7 29.6 44.4
170 25.3 20.3 30.5



#18
Fluorene
Concen: 0.129 ng
RT: 15.368 min Scan# 1568
Delta R.T. 0.075 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

Tgt Ion:166 Resp: 1448
Ion Ratio Lower Upper
166 100
165 0.0 81.1 121.7#
167 0.0 10.8 16.2#

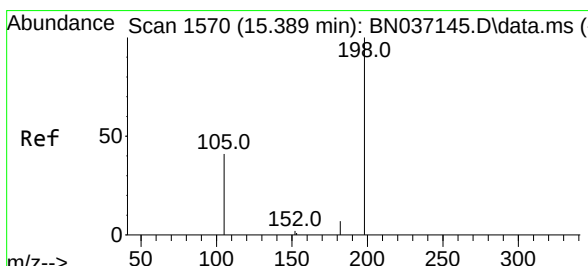
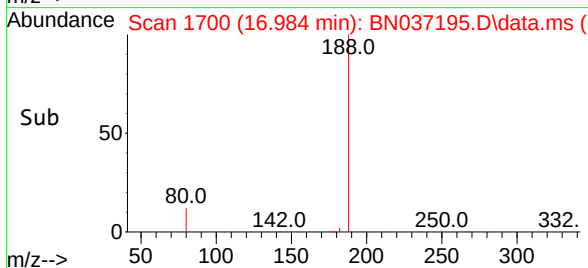
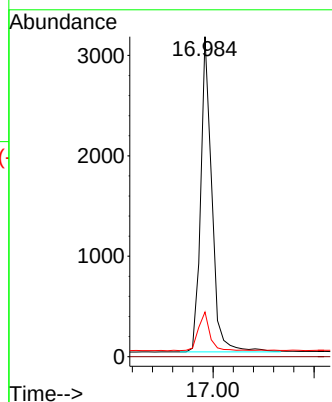
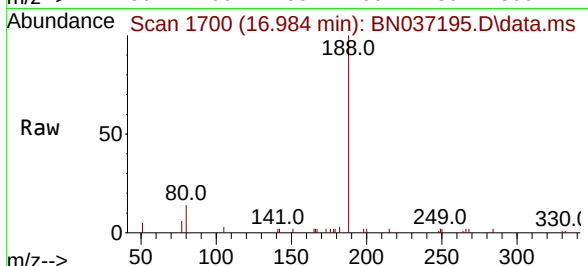




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.984 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

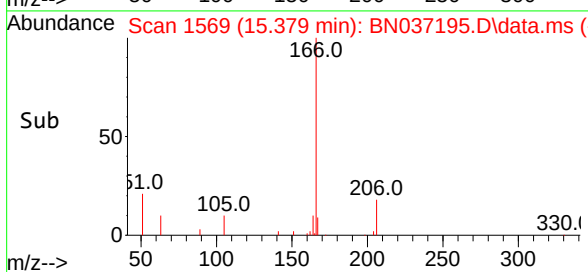
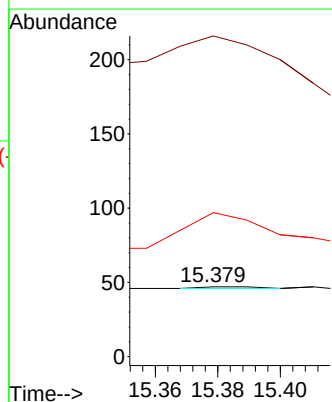
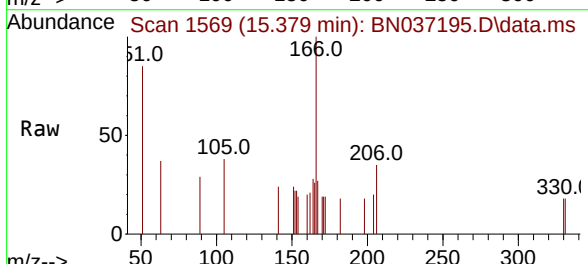
Instrument :
 BNA_N
 ClientSampleId :

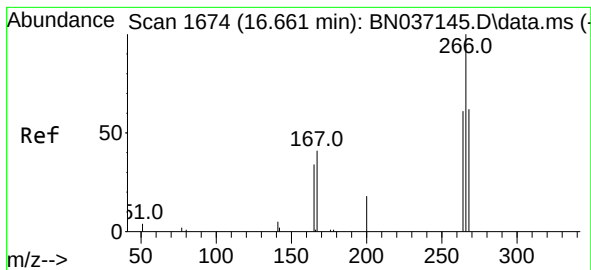
Tgt Ion:	188	Resp:	4836
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.0	11.3	16.9



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.275 ng
 RT: 15.379 min Scan# 1569
 Delta R.T. -0.010 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

Tgt Ion:	198	Resp:	1
Ion Ratio	Lower	Upper	
198	100		
51	459.6	125.2	187.8#
105	206.4	57.1	85.7#

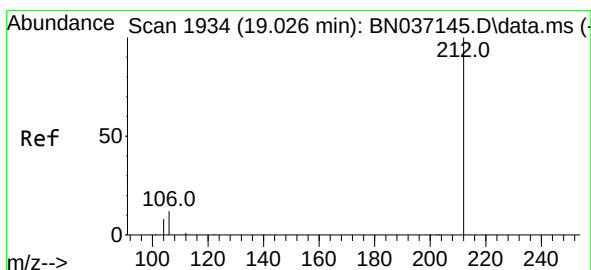
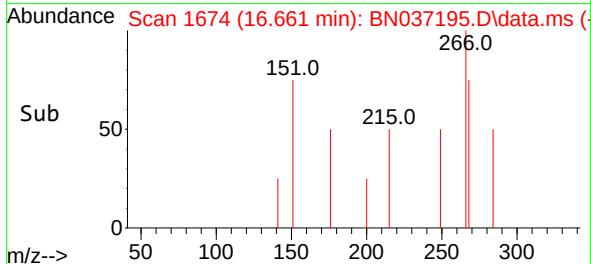
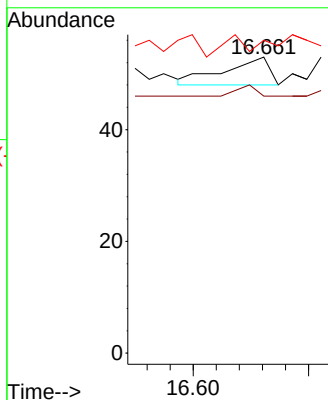
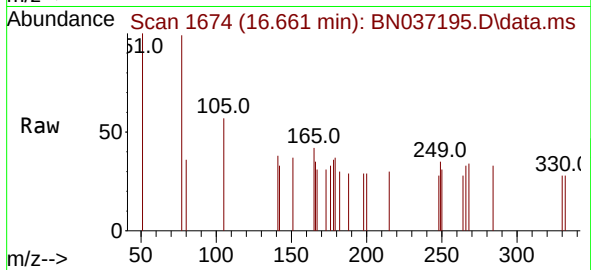




#24
 Pentachlorophenol
 Concen: 0.222 ng
 RT: 16.661 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

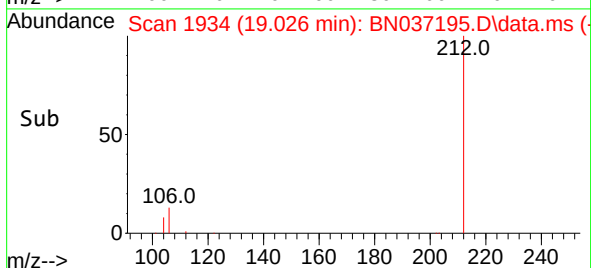
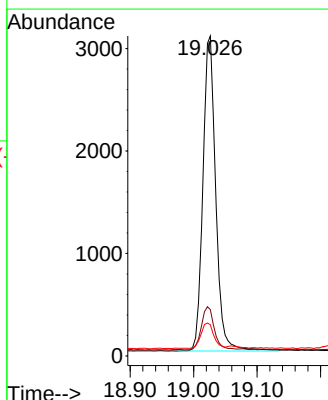
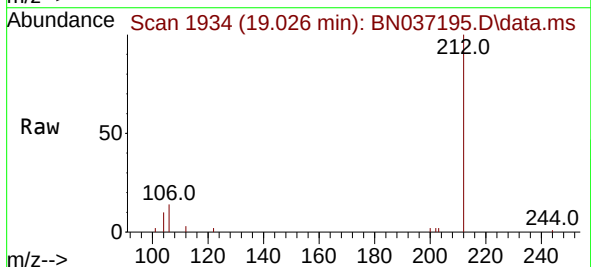
Instrument :
 BNA_N
 ClientSampleId :

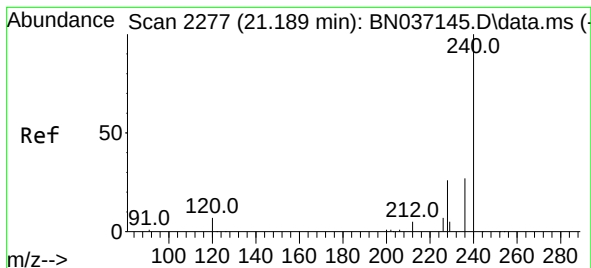
Tgt Ion:266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 46.2 49.3 73.9#
 268 0.0 49.0 73.4#



#27
 Fluoranthene-d10
 Concen: 0.352 ng
 RT: 19.026 min Scan# 1934
 Delta R.T. 0.000 min
 Lab File: BN037195.D
 Acq: 09 Jun 2025 17:02

Tgt Ion:212 Resp: 4321
 Ion Ratio Lower Upper
 212 100
 106 13.7 10.6 15.8
 104 8.0 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.189 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037195.D

Acq: 09 Jun 2025 17:02

Instrument :

BNA_N

ClientSampleId :

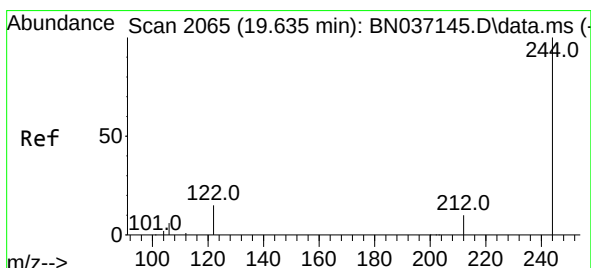
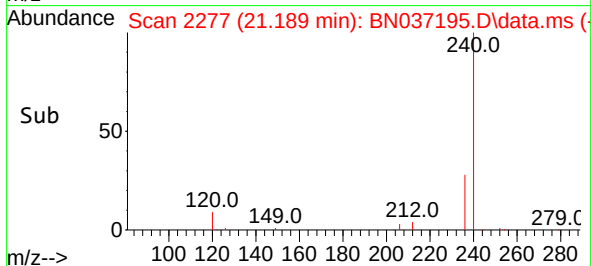
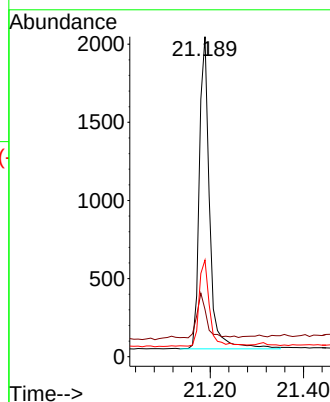
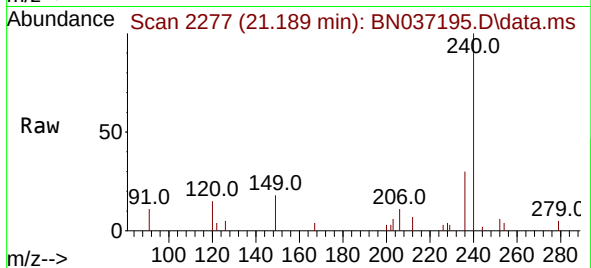
Tgt Ion:240 Resp: 3055

Ion Ratio Lower Upper

240 100

120 14.7 9.0 13.4#

236 30.2 23.0 34.4



#31

Terphenyl-d14

Concen: 0.436 ng

RT: 19.630 min Scan# 2064

Delta R.T. -0.005 min

Lab File: BN037195.D

Acq: 09 Jun 2025 17:02

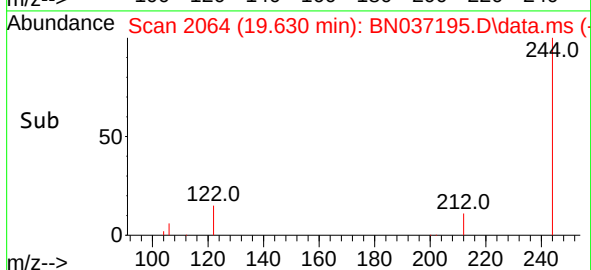
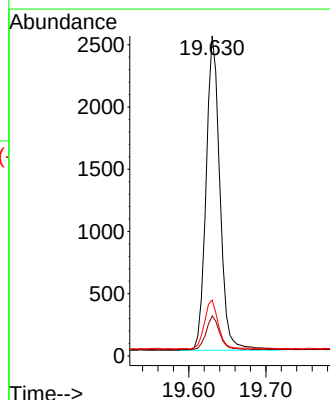
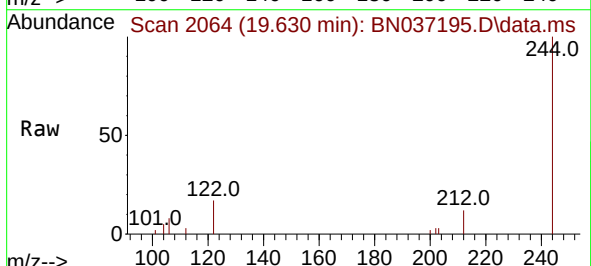
Tgt Ion:244 Resp: 3138

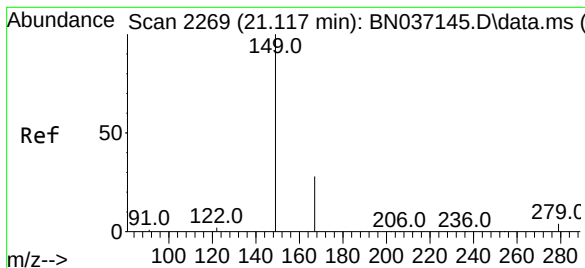
Ion Ratio Lower Upper

244 100

212 12.5 10.0 15.0

122 17.4 13.2 19.8

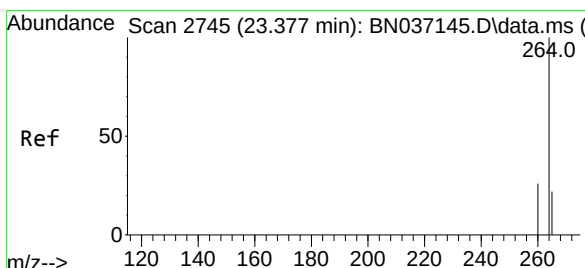
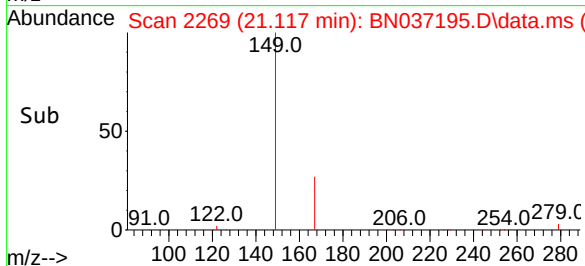
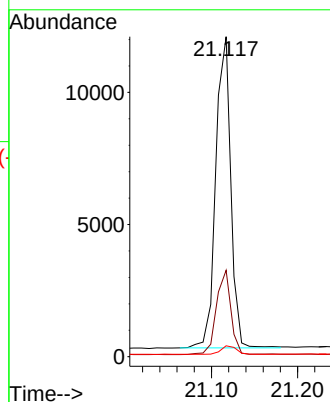
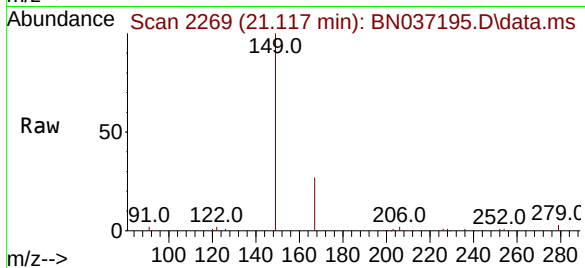




#34
Bis(2-ethylhexyl)phthalate
Concen: 2.039 ng
RT: 21.117 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 14225
Ion Ratio Lower Upper
149 100
167 26.1 21.0 31.4
279 2.8 2.9 4.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.380 min Scan# 2746
Delta R.T. 0.003 min
Lab File: BN037195.D
Acq: 09 Jun 2025 17:02

Tgt Ion:264 Resp: 1312
Ion Ratio Lower Upper
264 100
260 33.5 22.1 33.1#
265 162.3 55.8 83.8#

