

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037173.D
 Acq On : 05 Jun 2025 10:19
 Operator : RC/JU
 Sample : PB168286BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 05 11:16:47 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)

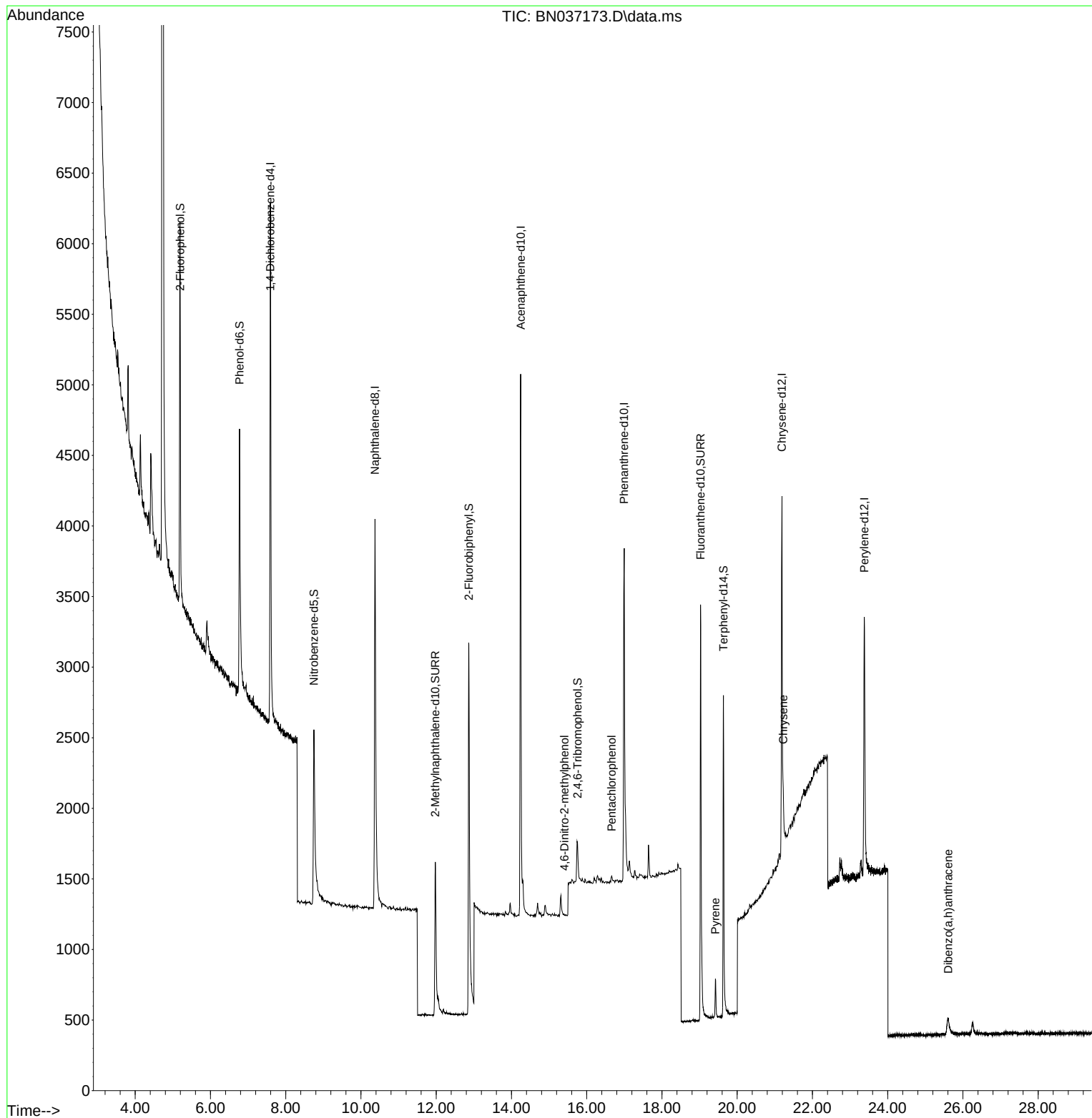
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1976	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4795	0.400	ng	# 0.00
13) Acenaphthene-d10	14.245	164	2582	0.400	ng	0.01
19) Phenanthrene-d10	16.996	188	4632	0.400	ng	0.01
29) Chrysene-d12	21.188	240	2959	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	2743	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	2002	0.410	ng	0.00
5) Phenol-d6	6.773	99	2088	0.353	ng	0.00
8) Nitrobenzene-d5	8.749	82	1701	0.336	ng	0.01
11) 2-Methylnaphthalene-d10	11.976	152	2368	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	282	0.271	ng	0.01
15) 2-Fluorobiphenyl	12.868	172	4015	0.365	ng	0.00
27) Fluoranthene-d10	19.026	212	4015	0.341	ng	0.00
31) Terphenyl-d14	19.635	244	2721	0.391	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.410	198	3	0.277	ng	# 34
24) Pentachlorophenol	16.661	266	43	0.237	ng	91
30) Pyrene	19.421	202	292	0.020	ng	97
33) Chrysene	21.224	228	262	0.022	ng	# 68
40) Dibenzo(a,h)anthracene	25.608	278	176	0.021	ng	# 1

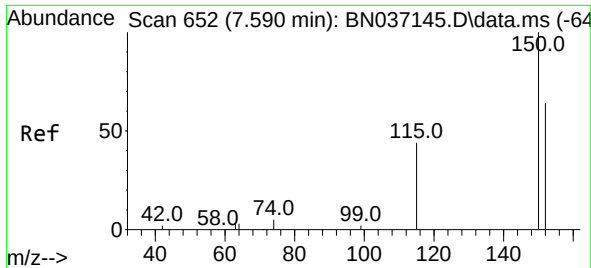
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
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BNA_N
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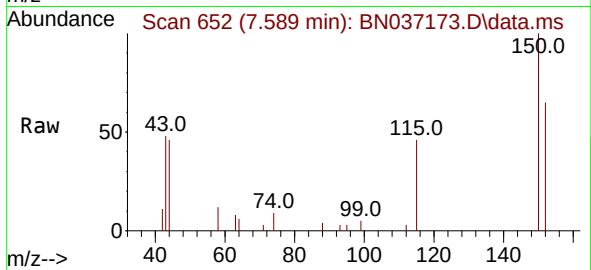
Quant Time: Jun 05 11:16:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
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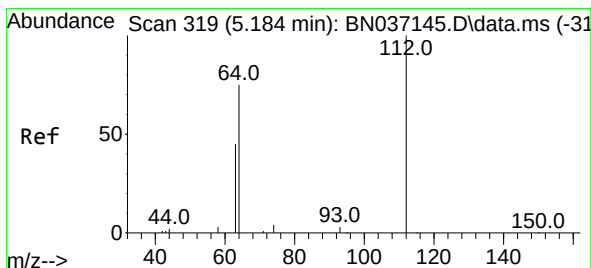
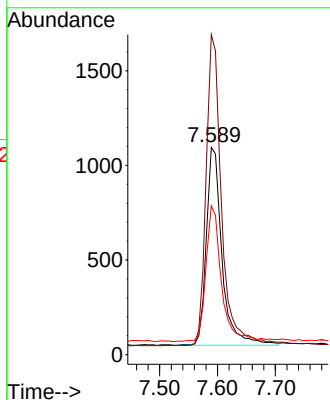
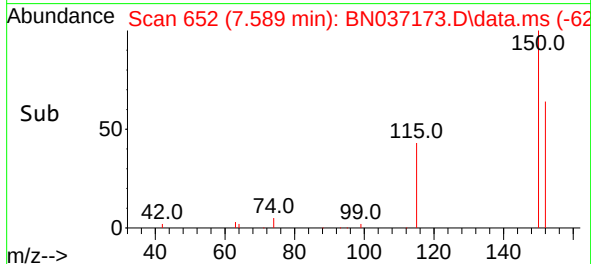


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

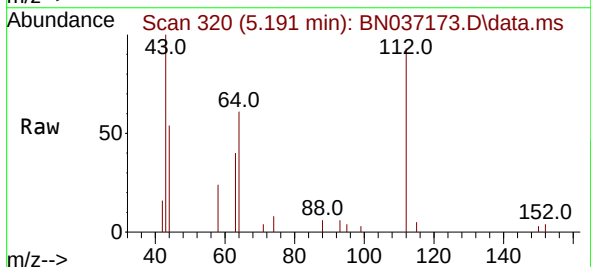
Instrument :
BNA_N
ClientSampleId :



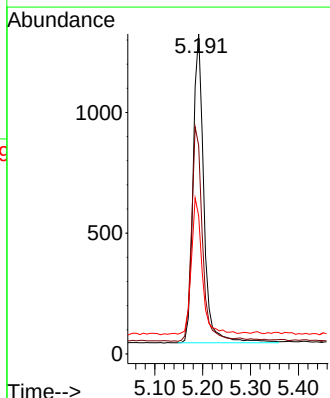
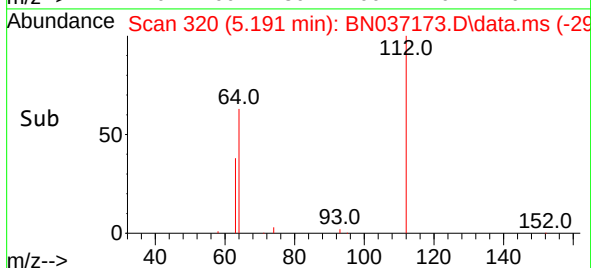
Tgt Ion:152 Resp: 1976
Ion Ratio Lower Upper
152 100
150 154.3 123.2 184.8
115 71.7 56.6 85.0

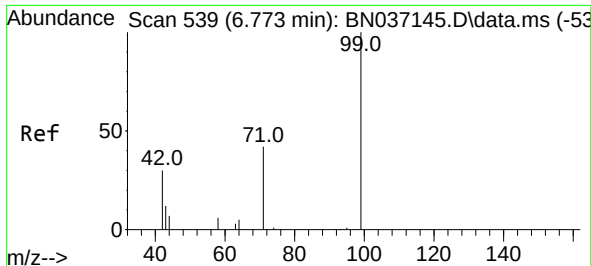


#4
2-Fluorophenol
Concen: 0.410 ng
RT: 5.191 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19



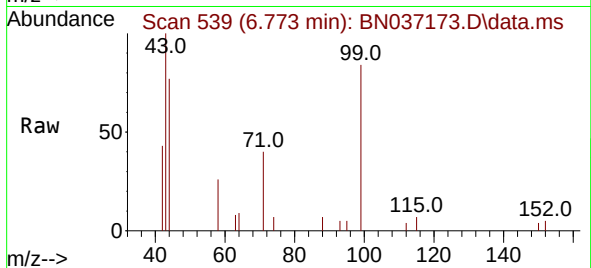
Tgt Ion:112 Resp: 2002
Ion Ratio Lower Upper
112 100
64 69.5 56.3 84.5
63 45.3 36.2 54.4



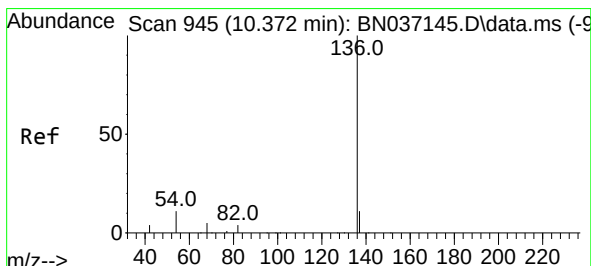
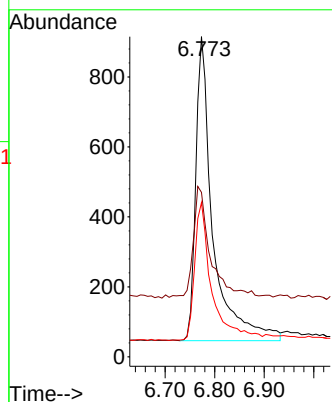
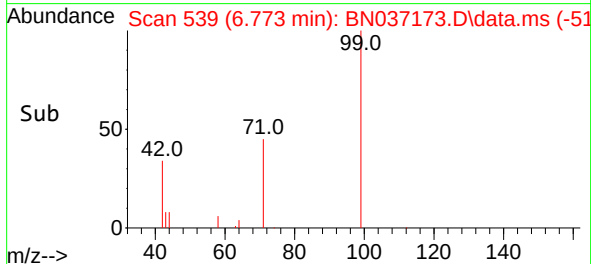


#5
Phenol-d6
Concen: 0.353 ng
RT: 6.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Instrument :
BNA_N
ClientSampleId :

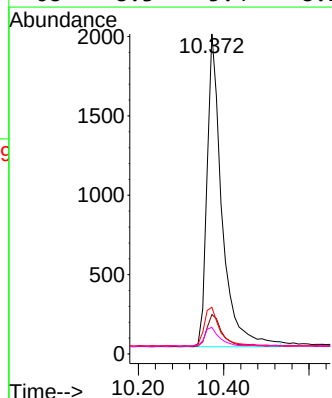
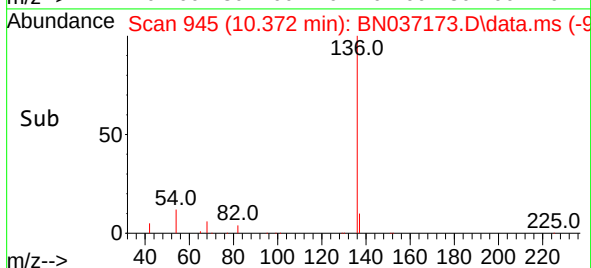
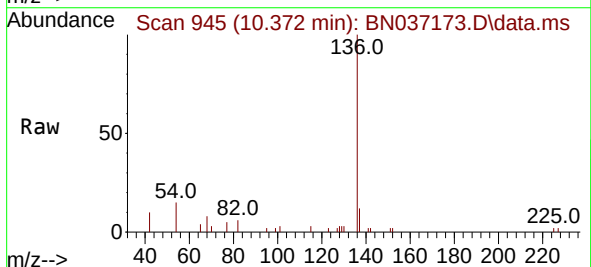


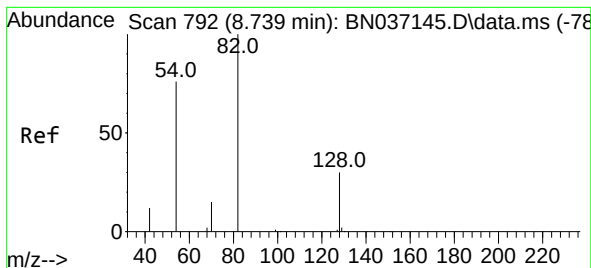
Tgt Ion:	99	Resp:	2088
Ion	Ratio	Lower	Upper
99	100		
42	35.9	31.3	46.9
71	45.3	38.2	57.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Tgt Ion:	136	Resp:	4795
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	14.6	9.7	14.5#
68	8.3	5.4	8.2#





#8

Nitrobenzene-d5

Concen: 0.336 ng

RT: 8.749 min Scan# 792

Delta R.T. 0.010 min

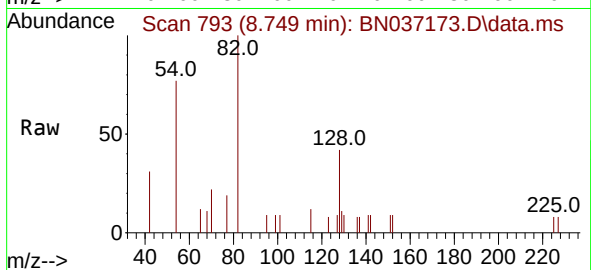
Lab File: BN037173.D

Acq: 05 Jun 2025 10:19

Instrument :

BNA_N

ClientSampleId :



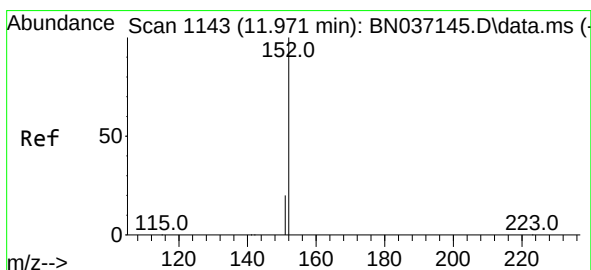
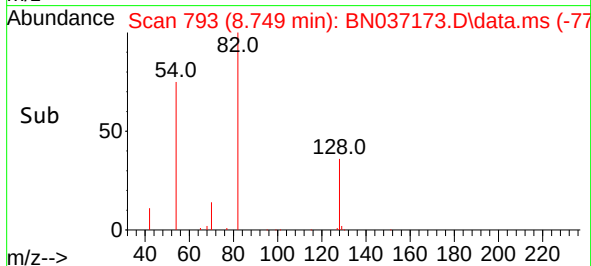
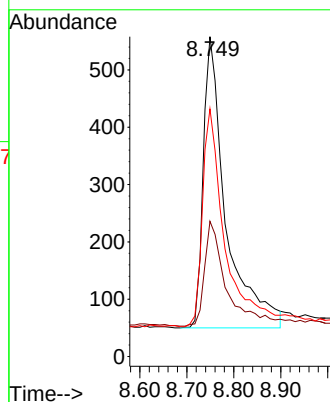
Tgt Ion: 82 Resp: 1701

Ion Ratio Lower Upper

82 100

128 42.3 26.9 40.3#

54 77.4 61.4 92.2



#11

2-Methylnaphthalene-d10

Concen: 0.355 ng

RT: 11.976 min Scan# 1144

Delta R.T. 0.005 min

Lab File: BN037173.D

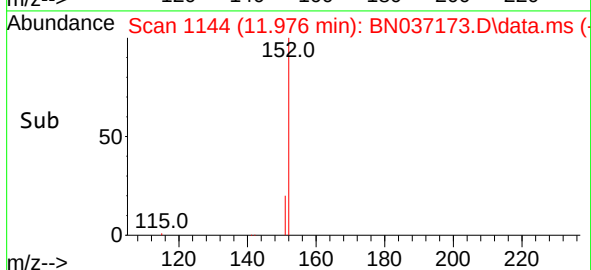
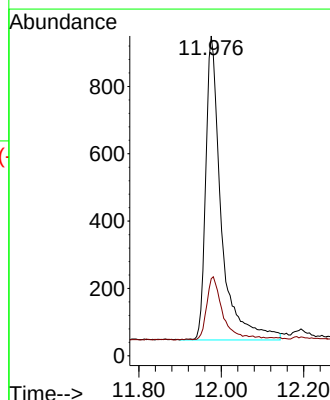
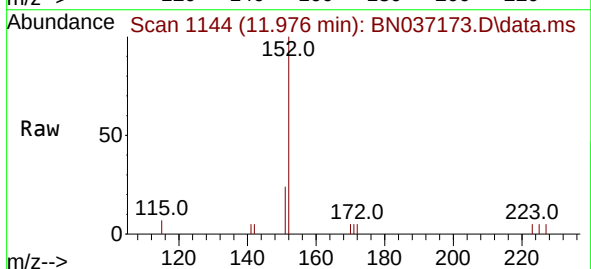
Acq: 05 Jun 2025 10:19

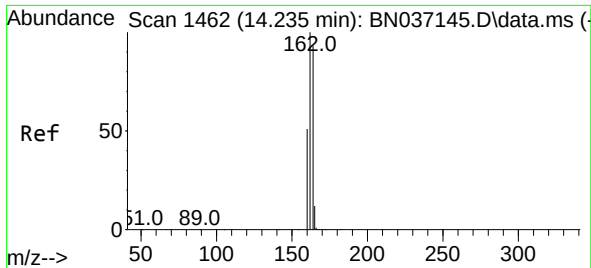
Tgt Ion: 152 Resp: 2368

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

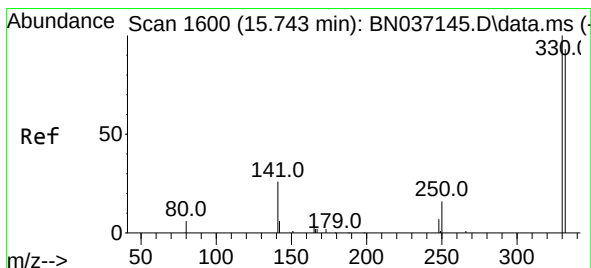
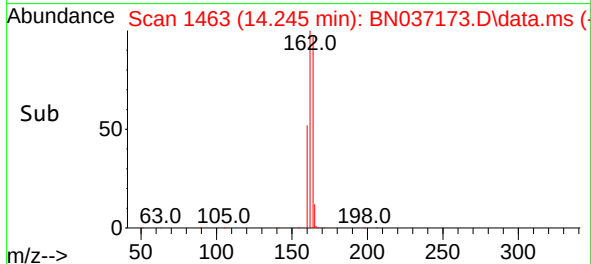
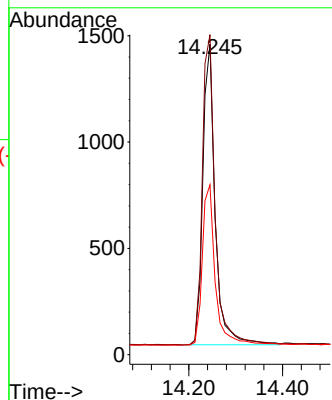
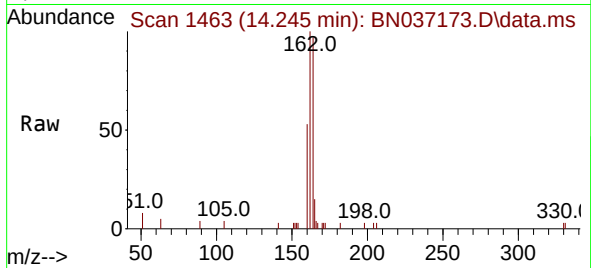




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.245 min Scan# 14
Delta R.T. 0.010 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

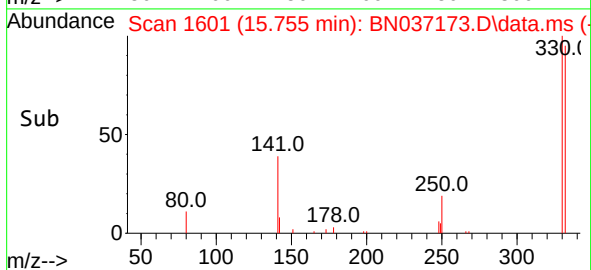
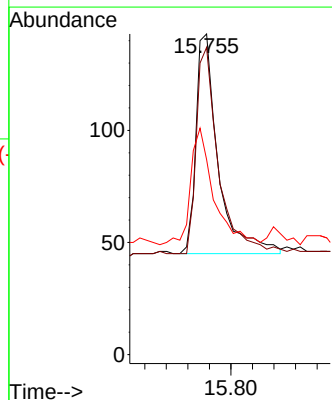
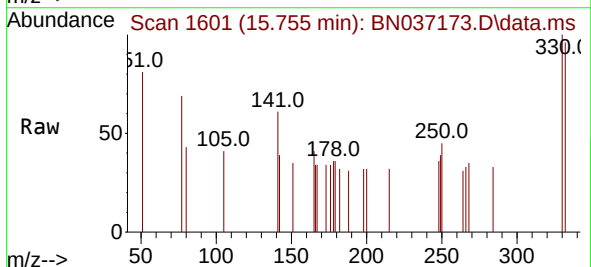
Instrument :
BNA_N
ClientSampleId :

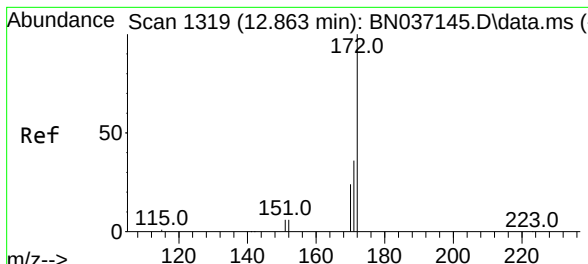
Tgt Ion:164 Resp: 2582
Ion Ratio Lower Upper
164 100
162 103.1 85.5 128.3
160 54.7 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.755 min Scan# 1601
Delta R.T. 0.012 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Tgt Ion:330 Resp: 282
Ion Ratio Lower Upper
330 100
332 93.6 77.1 115.7
141 55.3 46.4 69.6

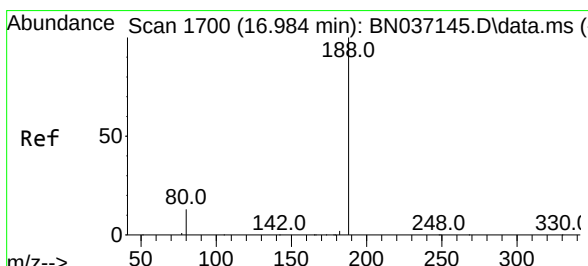
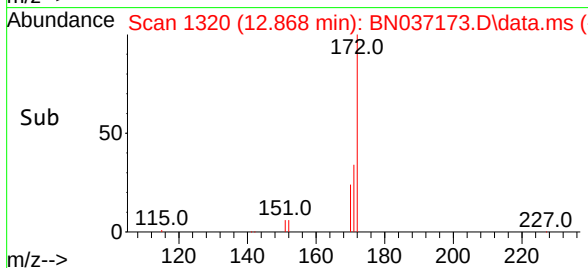
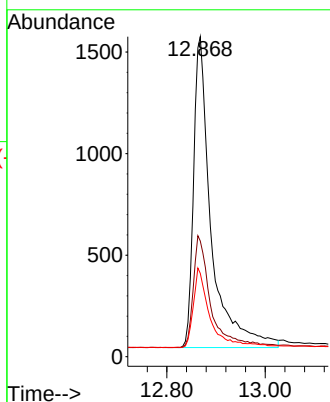
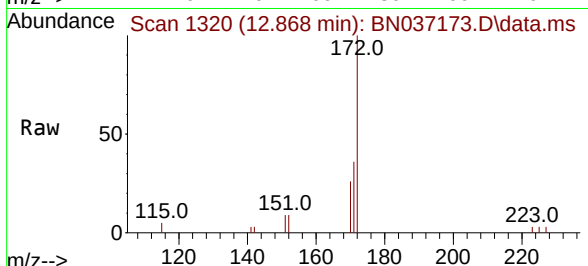




#15
 2-Fluorobiphenyl
 Concen: 0.365 ng
 RT: 12.868 min Scan# 11
 Delta R.T. 0.005 min
 Lab File: BN037173.D
 Acq: 05 Jun 2025 10:19

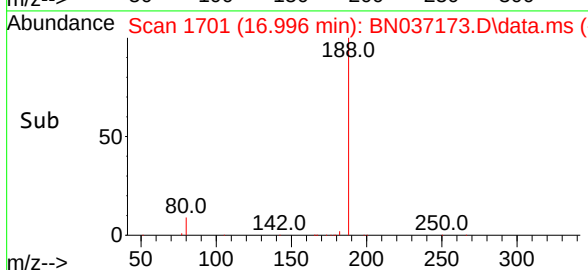
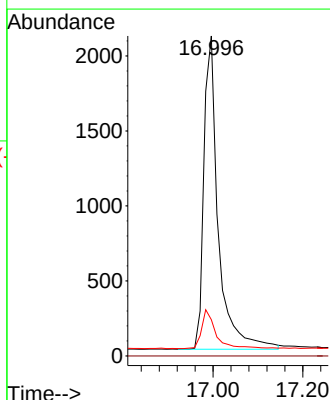
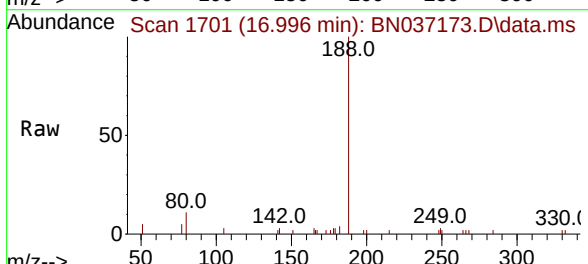
Instrument :
 BNA_N
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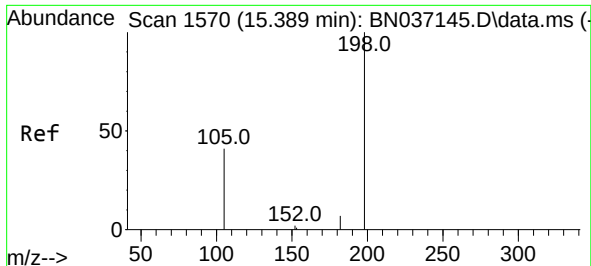
Tgt Ion:	172	Resp:	4015
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	26.1	20.3	30.5



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.996 min Scan# 1701
 Delta R.T. 0.012 min
 Lab File: BN037173.D
 Acq: 05 Jun 2025 10:19

Tgt Ion:	188	Resp:	4632
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	11.3	16.9

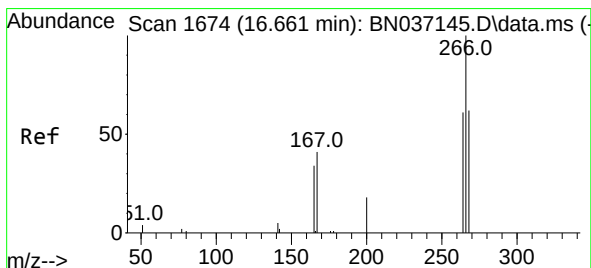
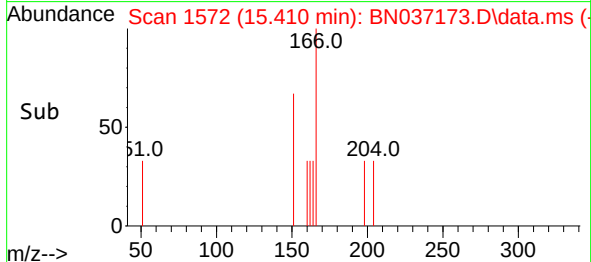
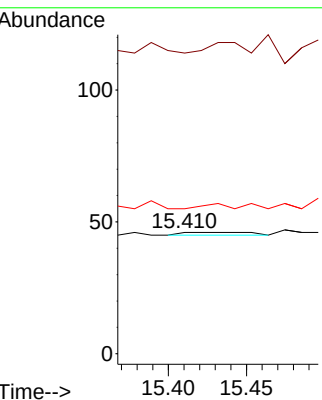
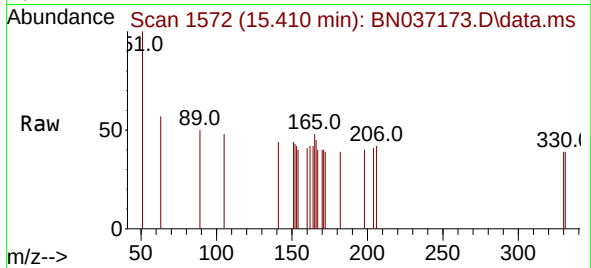




#20
4,6-Dinitro-2-methylphenol
Concen: 0.277 ng
RT: 15.410 min Scan# 1572
Delta R.T. 0.021 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

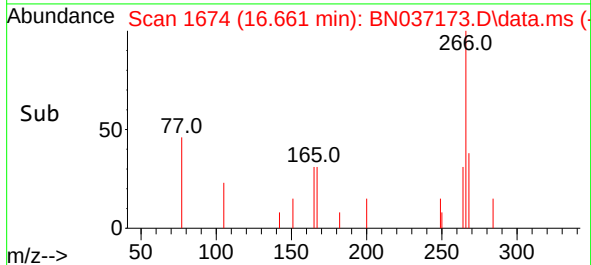
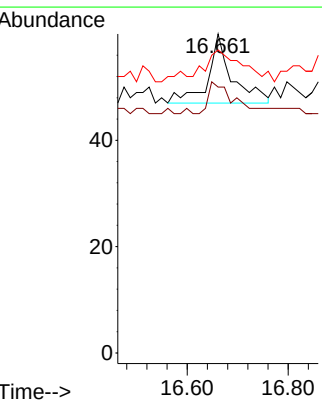
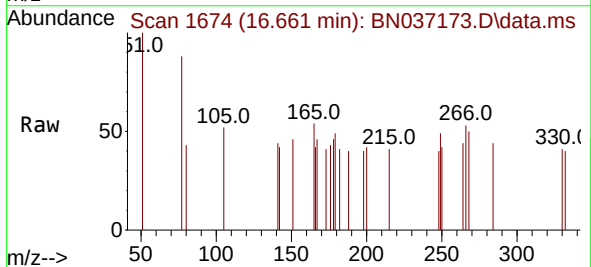
Instrument :
BNA_N
ClientSampleId :

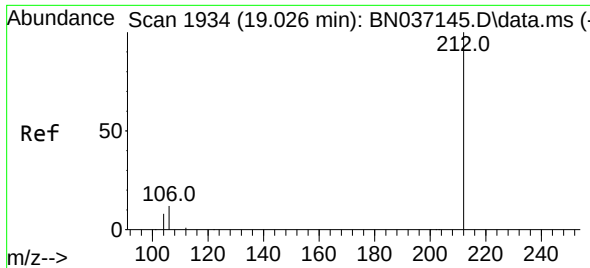
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 247.8 125.2 187.8#
105 119.6 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.237 ng
RT: 16.661 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Tgt Ion:266 Resp: 43
Ion Ratio Lower Upper
266 100
264 55.8 49.3 73.9
268 69.8 49.0 73.4

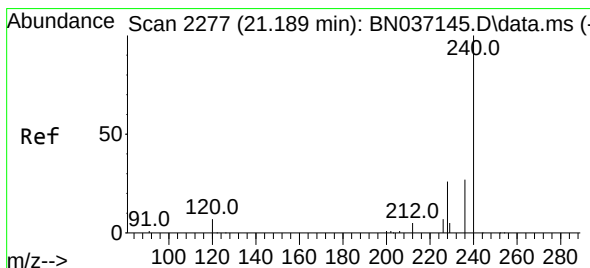
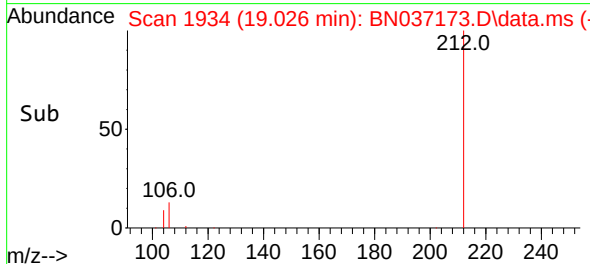
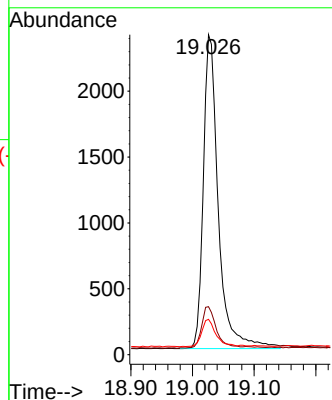
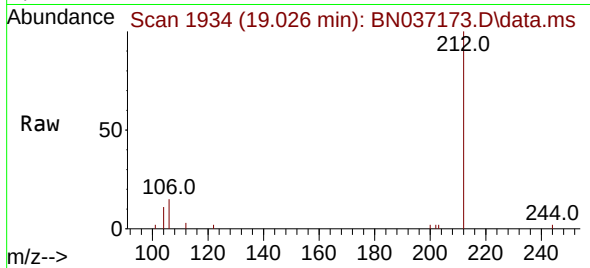




#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

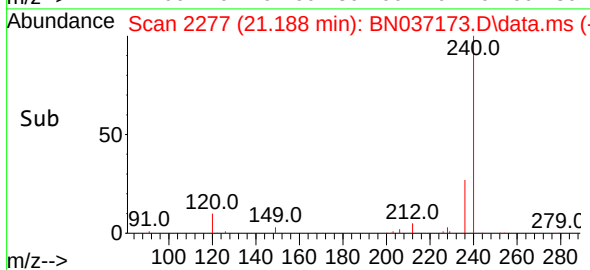
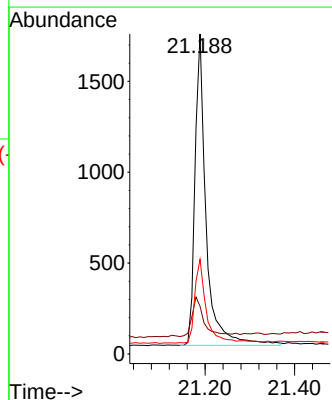
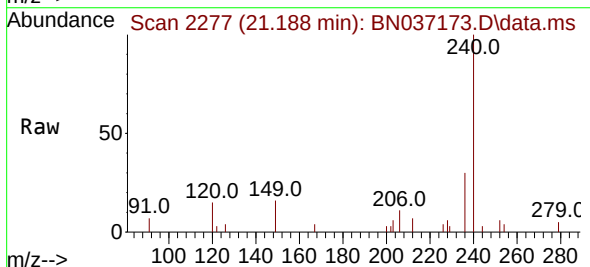
Instrument :
BNA_N
ClientSampleId :

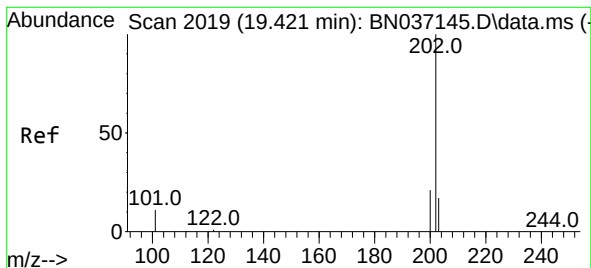
Tgt Ion:212 Resp: 4015
Ion Ratio Lower Upper
212 100
106 13.1 10.6 15.8
104 8.2 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.188 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037173.D
Acq: 05 Jun 2025 10:19

Tgt Ion:240 Resp: 2959
Ion Ratio Lower Upper
240 100
120 14.9 9.0 13.4#
236 29.5 23.0 34.4





#30

Pyrene

Concen: 0.020 ng

RT: 19.421 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BN037173.D

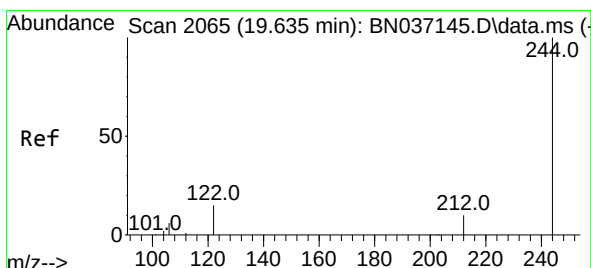
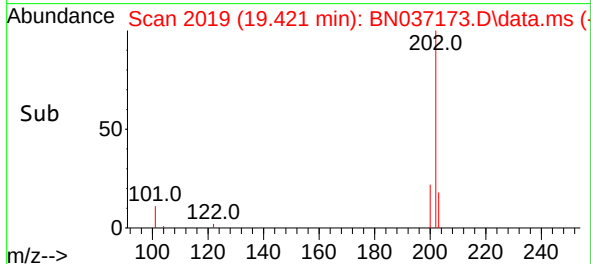
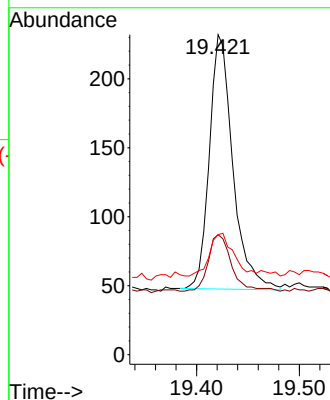
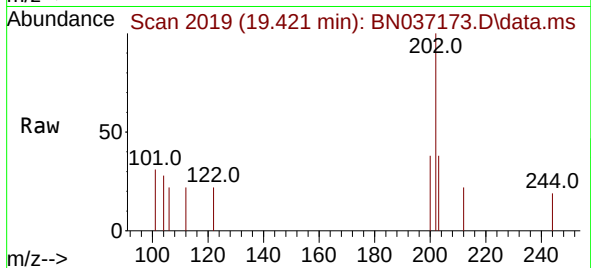
Acq: 05 Jun 2025 10:19

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	202	Resp:	292
Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.0	25.6
203	17.1	14.2	21.4



#31

Terphenyl-d14

Concen: 0.391 ng

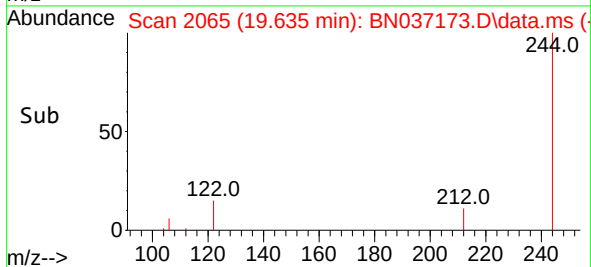
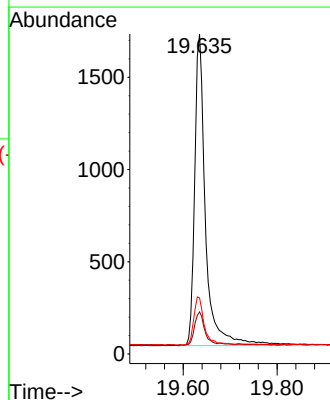
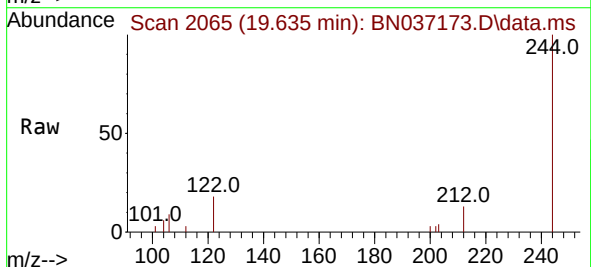
RT: 19.635 min Scan# 2065

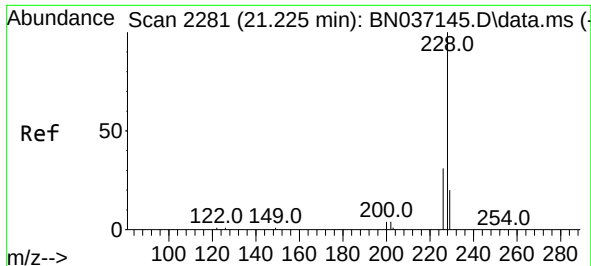
Delta R.T. -0.000 min

Lab File: BN037173.D

Acq: 05 Jun 2025 10:19

Tgt Ion:	244	Resp:	2721
Ion	Ratio	Lower	Upper
244	100		
212	13.1	10.0	15.0
122	17.5	13.2	19.8





#33

Chrysene

Concen: 0.022 ng

RT: 21.224 min Scan# 21

Delta R.T. -0.000 min

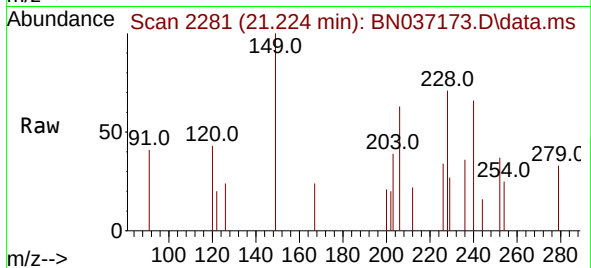
Lab File: BN037173.D

Acq: 05 Jun 2025 10:19

Instrument :

BNA_N

ClientSampleId :



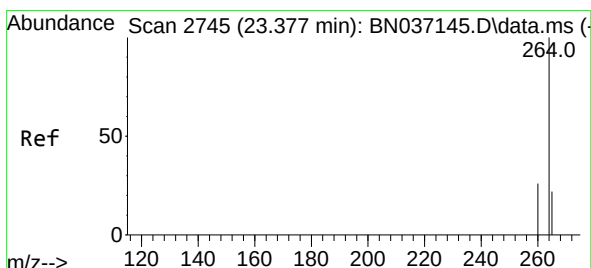
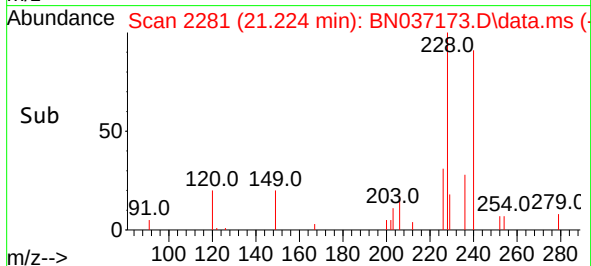
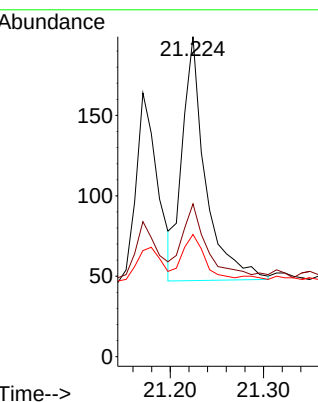
Tgt Ion:228 Resp: 262

Ion Ratio Lower Upper

228 100

226 47.7 25.2 37.8#

229 38.2 16.8 25.2#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.377 min Scan# 2745

Delta R.T. -0.000 min

Lab File: BN037173.D

Acq: 05 Jun 2025 10:19

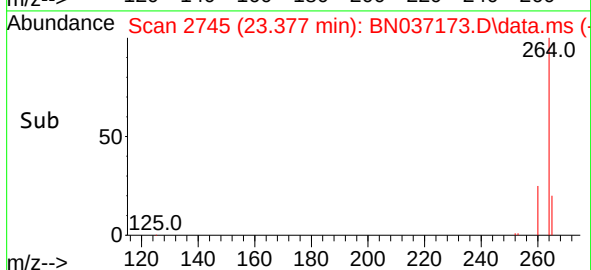
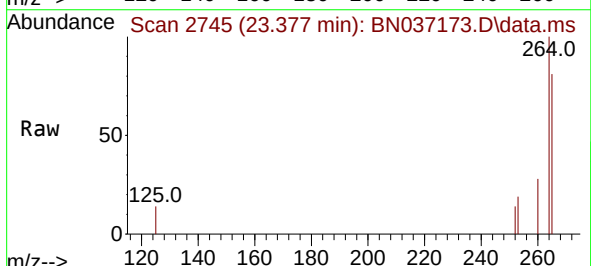
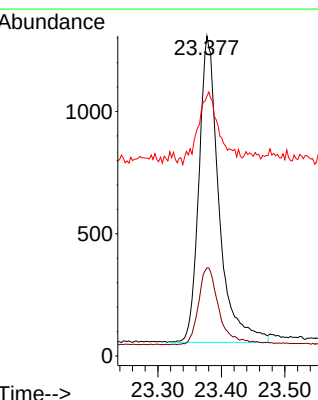
Tgt Ion:264 Resp: 2743

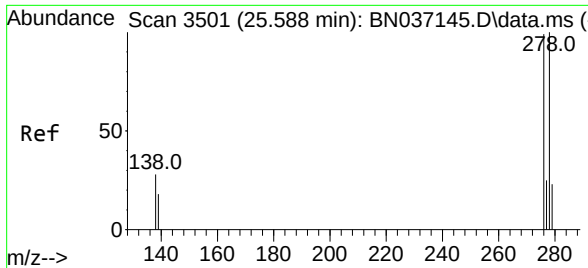
Ion Ratio Lower Upper

264 100

260 27.5 22.1 33.1

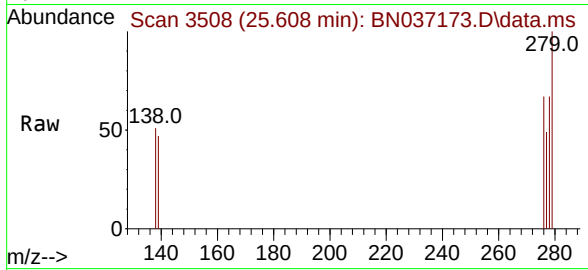
265 81.2 55.8 83.8





#40
 Dibenzo(a,h)anthracene
 Concen: 0.021 ng
 RT: 25.608 min Scan# 3501
 Delta R.T. 0.020 min
 Lab File: BN037173.D
 Acq: 05 Jun 2025 10:19

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion: 278 Resp: 176

Ion	Ratio	Lower	Upper
278	100		
139	71.1	17.6	26.4#
279	150.0	26.0	39.0#

