

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037207.D
 Acq On : 10 Jun 2025 01:00
 Operator : RC/JU
 Sample : Q2234-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-56-060425

Quant Time: Jun 10 04:05:16 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)

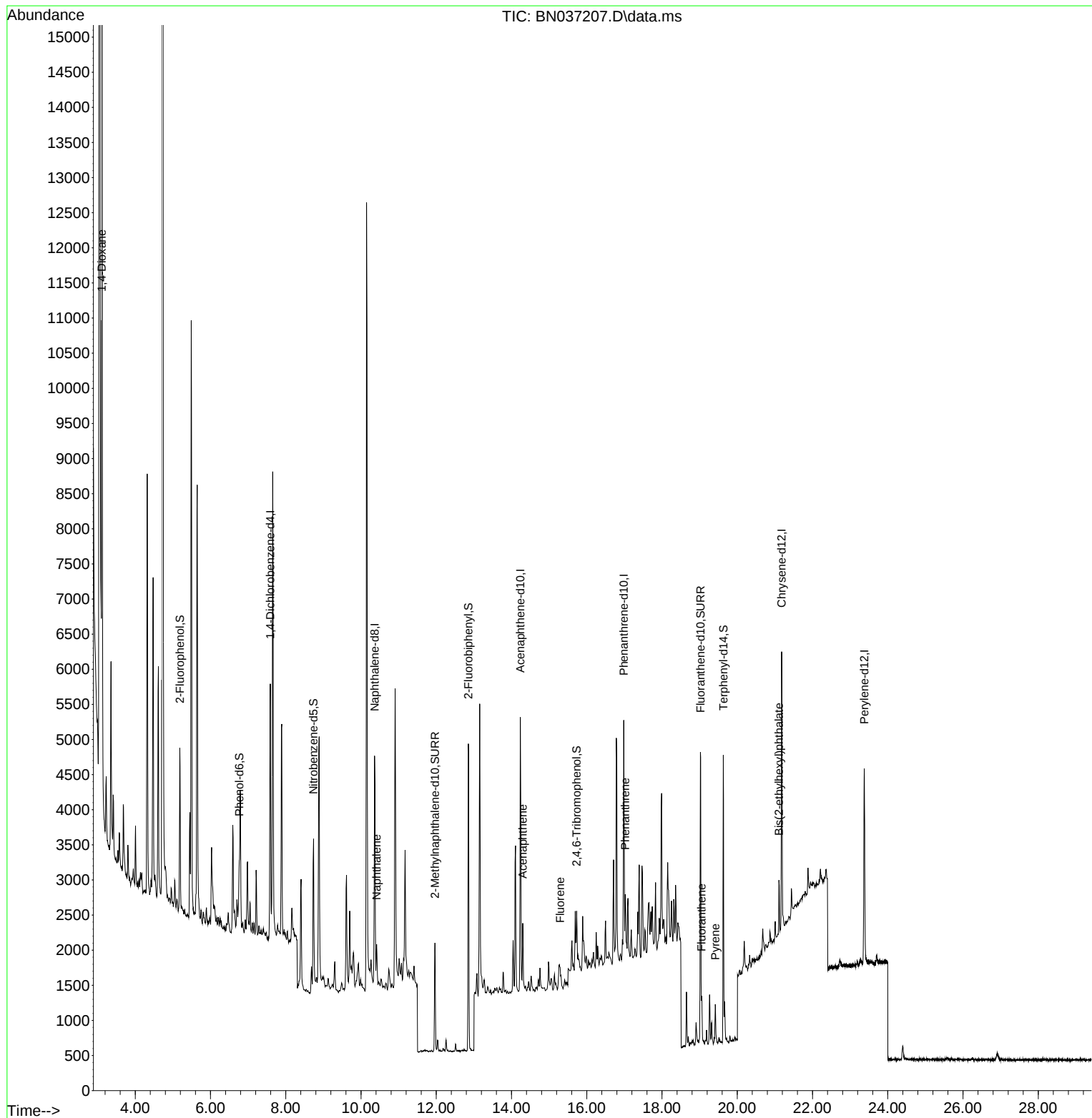
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1612	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	4076	0.400	ng	#-0.01
13) Acenaphthene-d10	14.235	164	2065	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4042	0.400	ng	0.00
29) Chrysene-d12	21.180	240	3508	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	3584	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	859	0.215	ng	0.00
5) Phenol-d6	6.766	99	670	0.139	ng	0.00
8) Nitrobenzene-d5	8.739	82	1794	0.417	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2119	0.373	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	407	0.490	ng	-0.01
15) 2-Fluorobiphenyl	12.853	172	3753	0.426	ng	-0.01
27) Fluoranthene-d10	19.026	212	4719	0.459	ng	0.00
31) Terphenyl-d14	19.630	244	3566	0.432	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.112	88	6378	2.968	ng	# 78
9) Naphthalene	10.415	128	623	0.053	ng	# 76
17) Acenaphthene	14.299	154	244	0.037	ng	98
18) Fluorene	15.293	166	176	0.020	ng	90
25) Phenanthrene	17.021	178	963	0.074	ng	96
28) Fluoranthene	19.054	202	509	0.035	ng	96
30) Pyrene	19.416	202	483	0.028	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.108	149	831	0.104	ng	# 99

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

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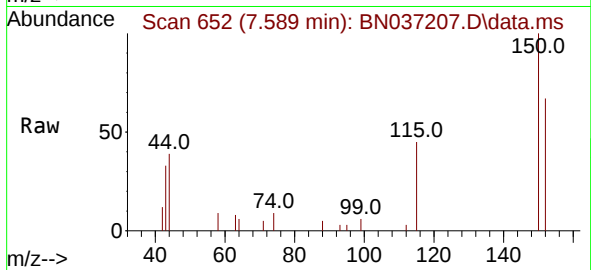
Quant Time: Jun 10 04:05:16 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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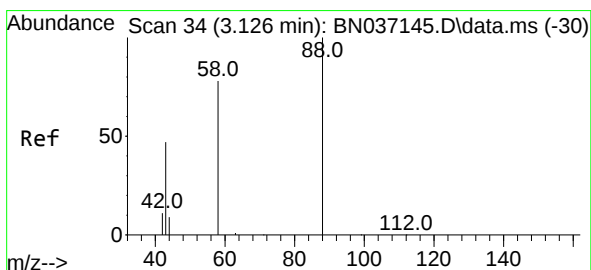
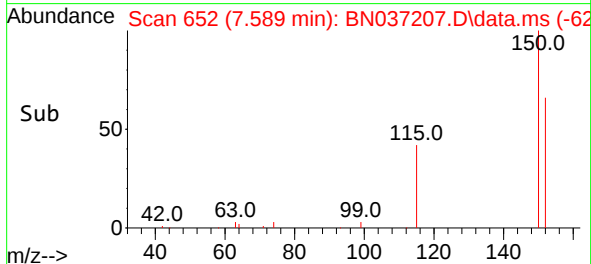
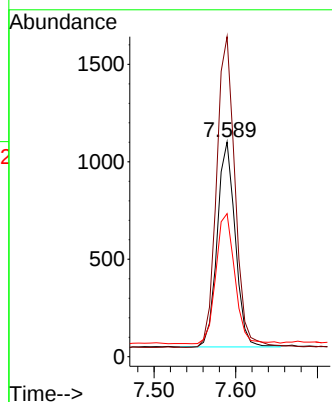
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037207.D
 Acq: 10 Jun 2025 01:00

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-56-060425



Tgt Ion: 152 Resp: 1612

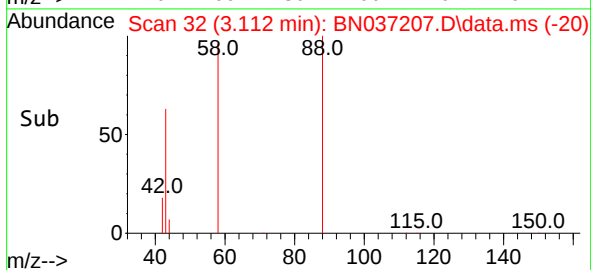
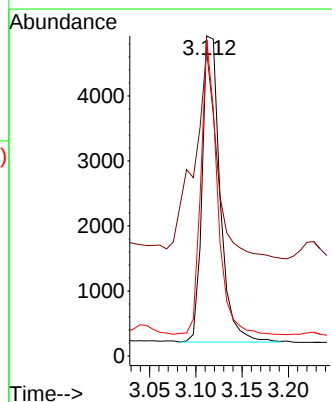
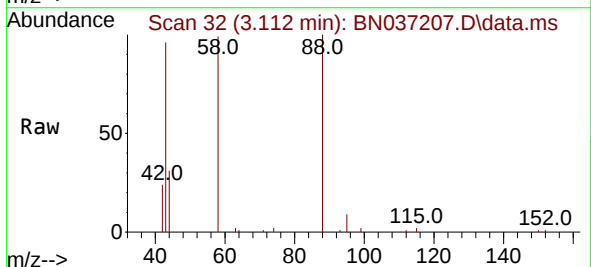
Ion	Ratio	Lower	Upper
152	100		
150	149.0	123.2	184.8
115	66.6	56.6	85.0

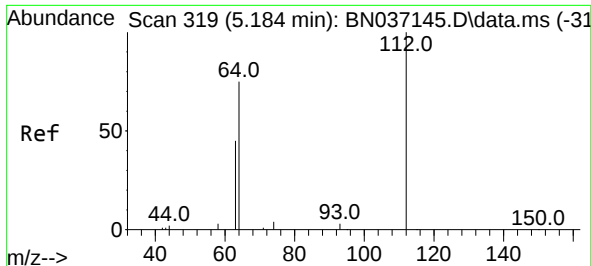


#2
 1,4-Dioxane
 Concen: 2.968 ng
 RT: 3.112 min Scan# 32
 Delta R.T. -0.015 min
 Lab File: BN037207.D
 Acq: 10 Jun 2025 01:00

Tgt Ion: 88 Resp: 6378

Ion	Ratio	Lower	Upper
88	100		
43	90.2	43.5	65.3
58	87.7	67.7	101.5

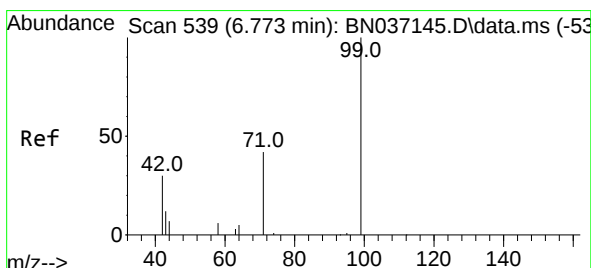
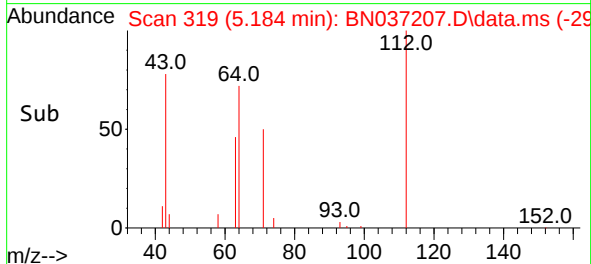
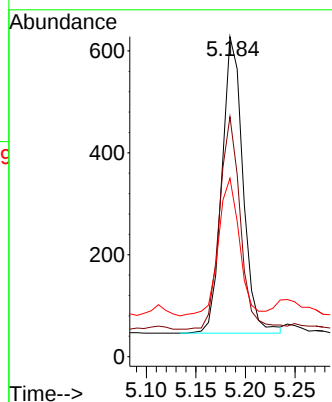
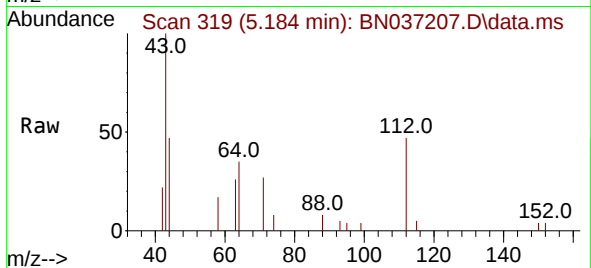




#4
2-Fluorophenol
Concen: 0.215 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

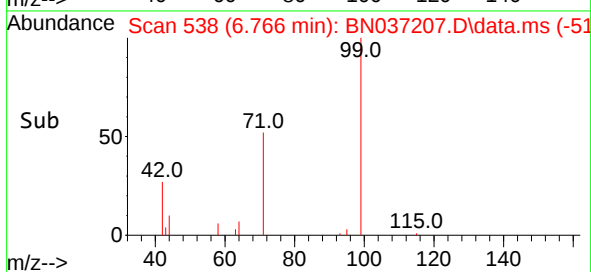
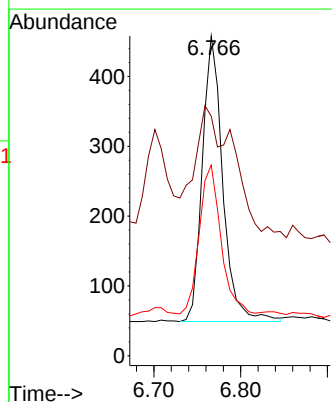
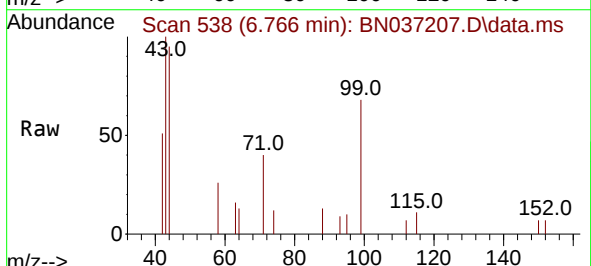
Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

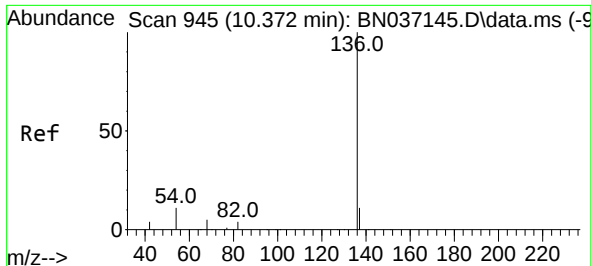
Tgt Ion:112 Resp: 859
Ion Ratio Lower Upper
112 100
64 70.7 56.3 84.5
63 46.2 36.2 54.4



#5
Phenol-d6
Concen: 0.139 ng
RT: 6.766 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion: 99 Resp: 670
Ion Ratio Lower Upper
99 100
42 89.0 31.3 46.9#
71 55.5 38.2 57.2

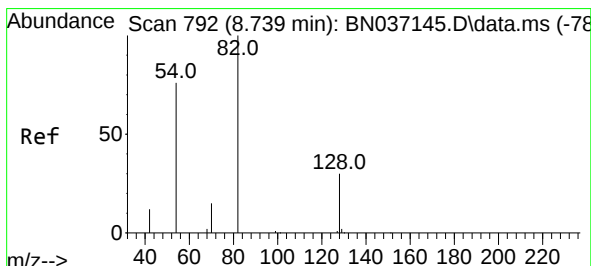
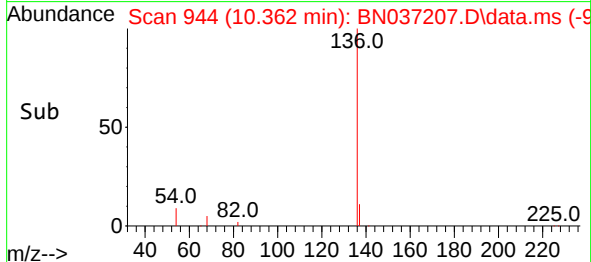
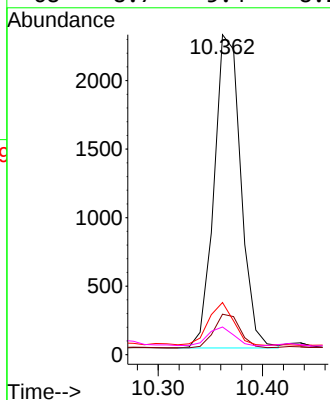
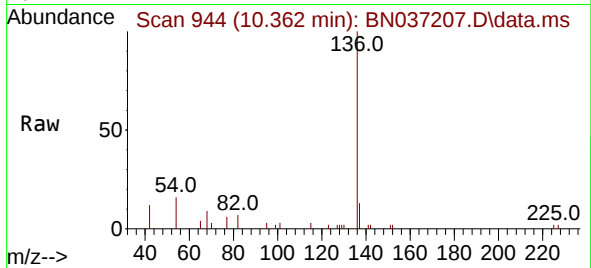




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

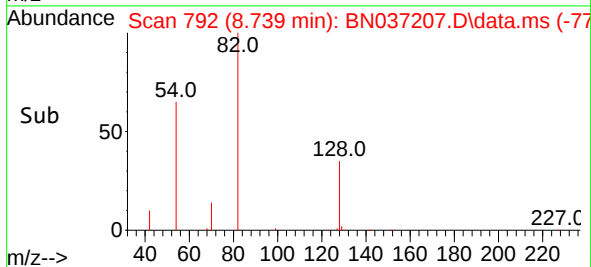
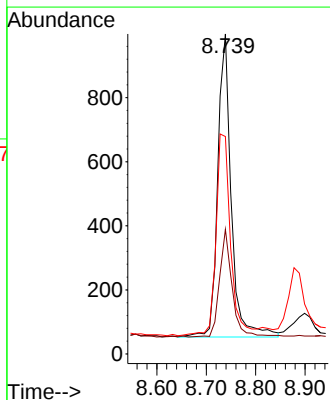
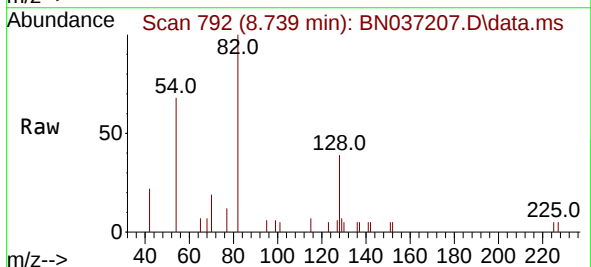
Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

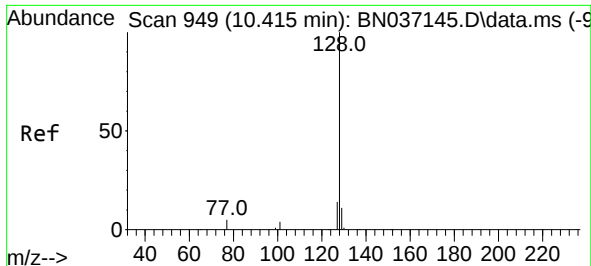
Tgt Ion:	136	Resp:	4076
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.7	14.5
54	16.3	9.7	14.5#
68	8.7	5.4	8.2#



#8
Nitrobenzene-d5
Concen: 0.417 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion:	82	Resp:	1794
Ion	Ratio	Lower	Upper
82	100		
128	38.9	26.9	40.3
54	68.0	61.4	92.2

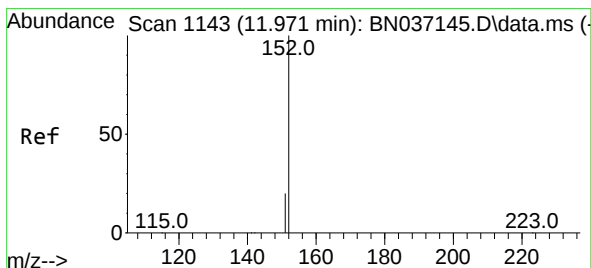
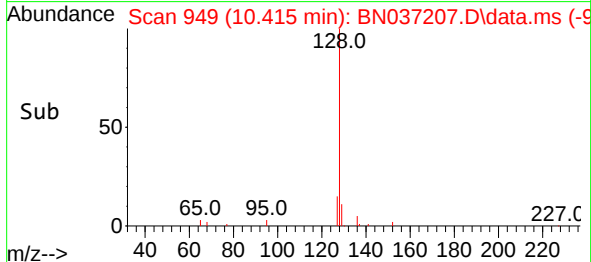
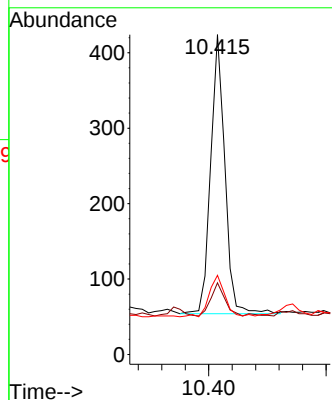
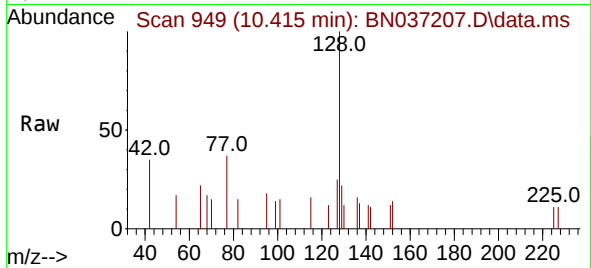




#9
Naphthalene
Concen: 0.053 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

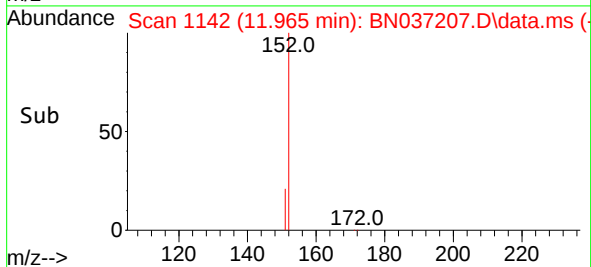
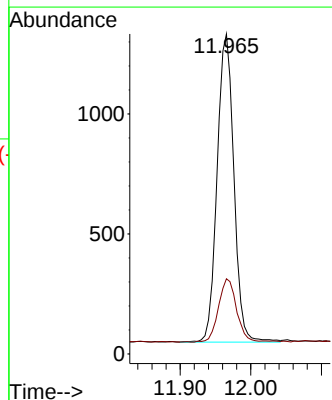
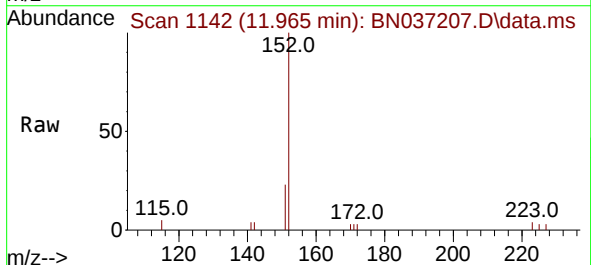
Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

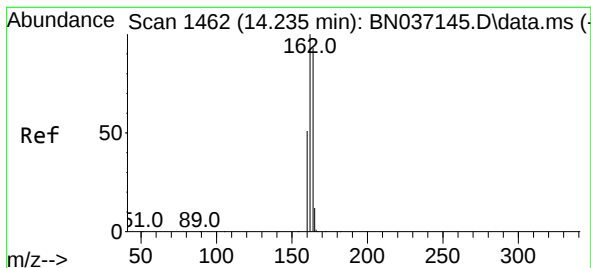
Tgt Ion:128 Resp: 623
Ion Ratio Lower Upper
128 100
129 22.4 9.8 14.8#
127 24.8 12.3 18.5#



#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion:152 Resp: 2119
Ion Ratio Lower Upper
152 100
151 22.1 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: BN037207.D

Acq: 10 Jun 2025 01:00

Instrument :

BNA_N

ClientSampleId :

MW-18B-56-060425

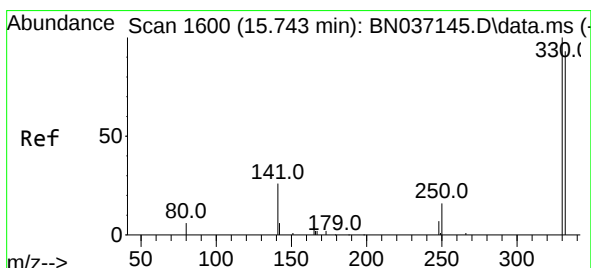
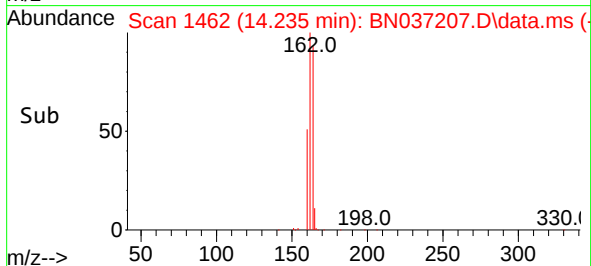
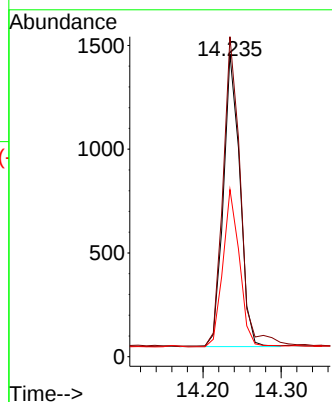
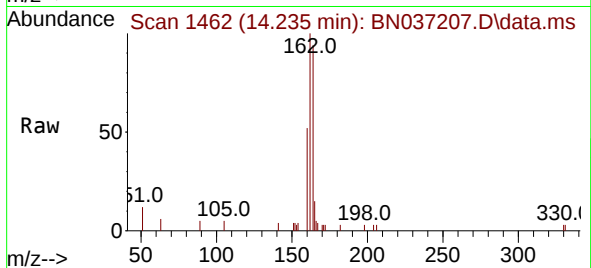
Tgt Ion:164 Resp: 2065

Ion Ratio Lower Upper

164 100

162 105.8 85.5 128.3

160 55.3 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.490 ng

RT: 15.730 min Scan# 1599

Delta R.T. -0.013 min

Lab File: BN037207.D

Acq: 10 Jun 2025 01:00

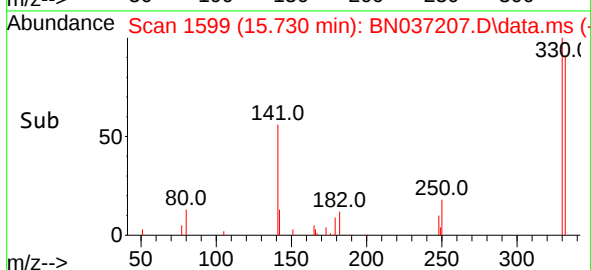
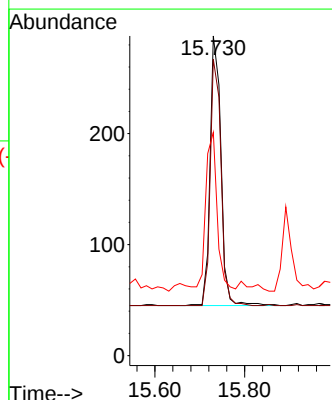
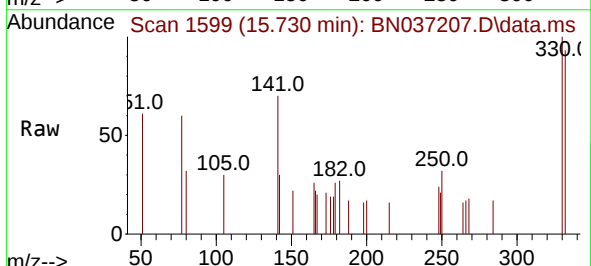
Tgt Ion:330 Resp: 407

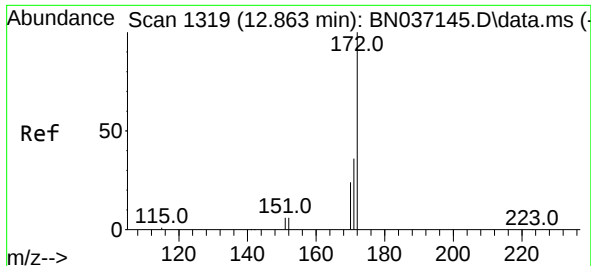
Ion Ratio Lower Upper

330 100

332 89.9 77.1 115.7

141 62.2 46.4 69.6

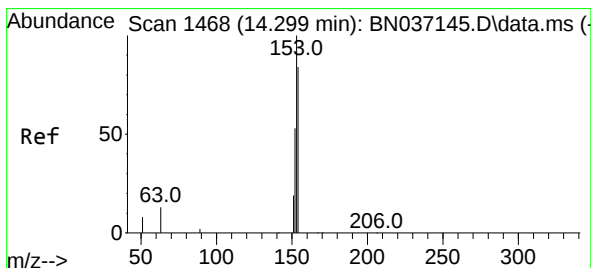
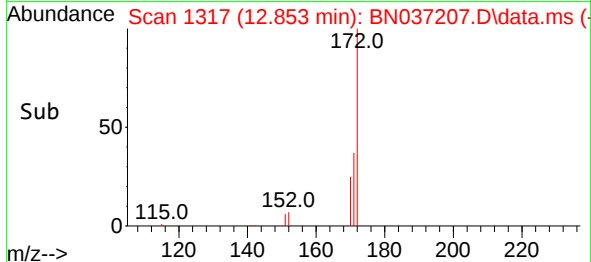
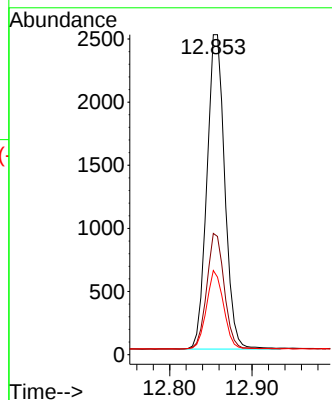
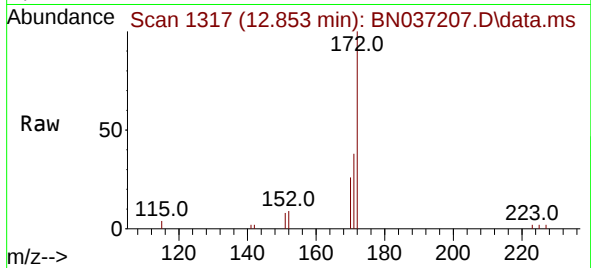




#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 12.853 min Scan# 1317
Delta R.T. -0.010 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

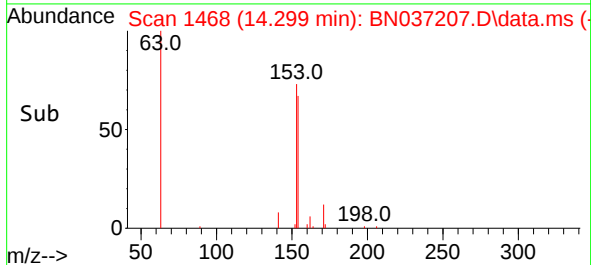
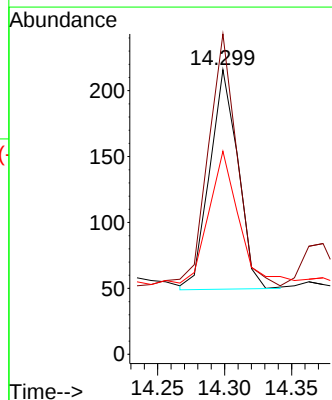
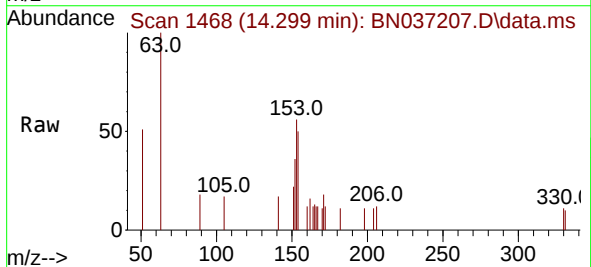
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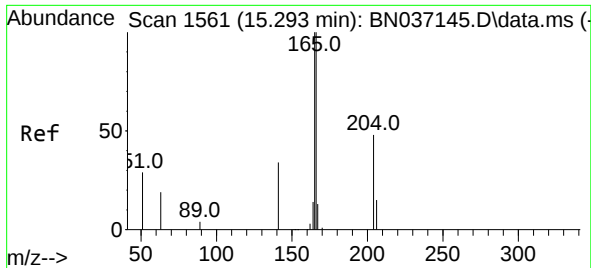
Tgt	Ion:172	Resp:	3753
Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.6	44.4
170	26.3	20.3	30.5



#17
Acenaphthene
Concen: 0.037 ng
RT: 14.299 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion:154	Resp:	244	
Ion	Ratio	Lower	Upper
154	100		
153	116.4	93.8	140.8
152	66.0	50.5	75.7

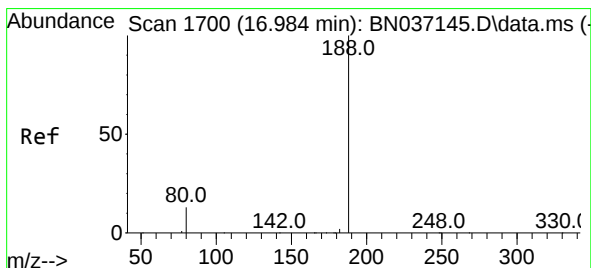
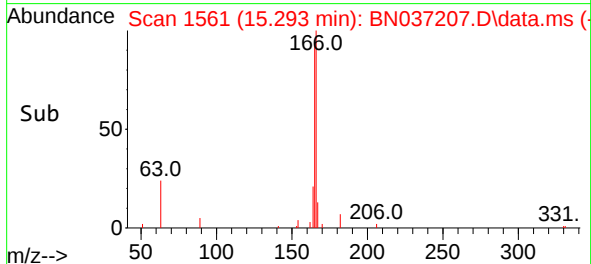
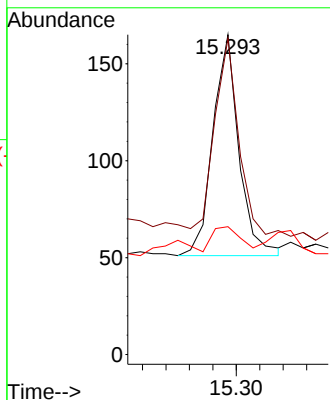
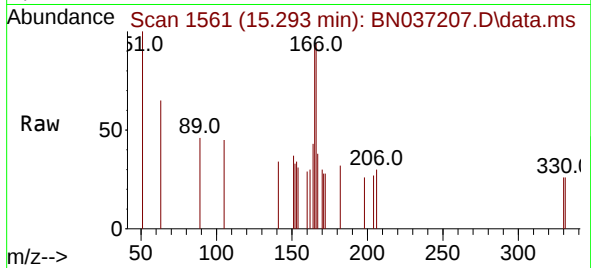




#18
 Fluorene
 Concen: 0.020 ng
 RT: 15.293 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN037207.D
 Acq: 10 Jun 2025 01:00

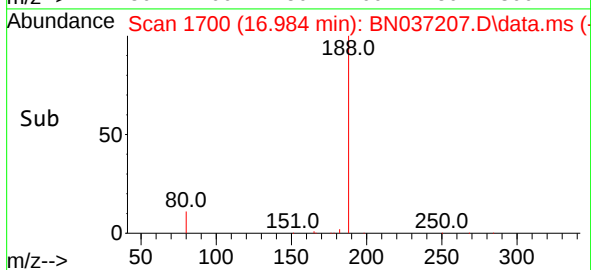
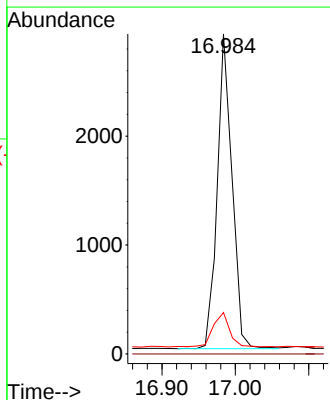
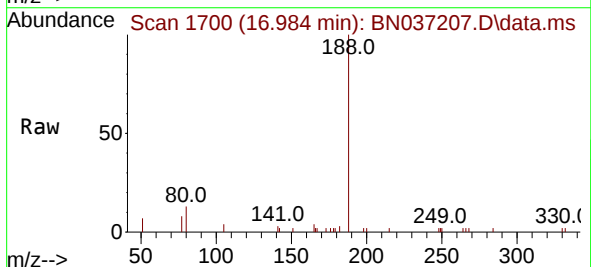
Instrument :
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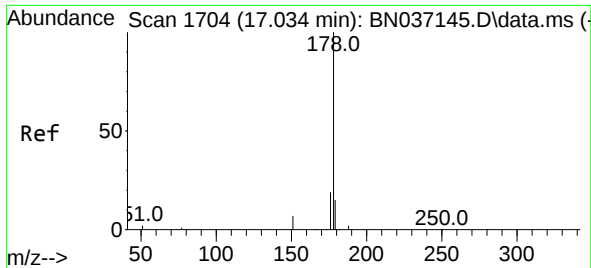
Tgt Ion:166 Resp: 176
 Ion Ratio Lower Upper
 166 100
 165 90.3 81.1 121.7
 167 13.1 10.8 16.2



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.984 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: BN037207.D
 Acq: 10 Jun 2025 01:00

Tgt Ion:188 Resp: 4042
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 12.9 11.3 16.9

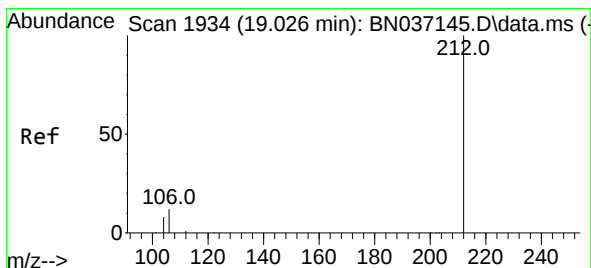
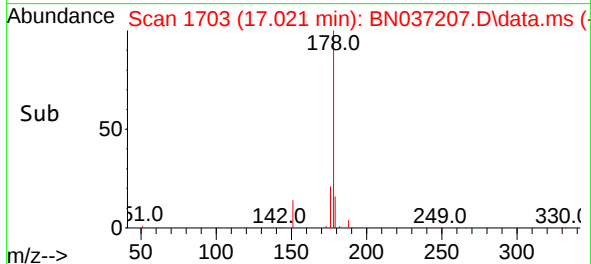
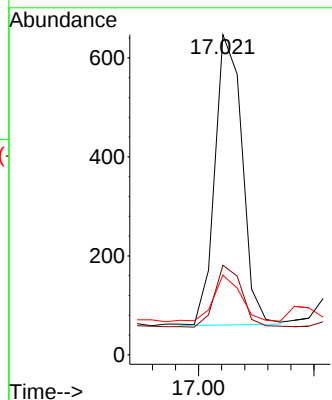
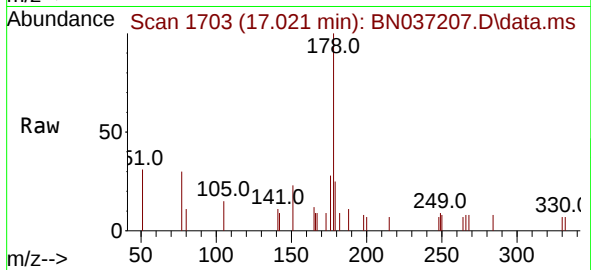




#25
Phenanthrene
Concen: 0.074 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.013 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

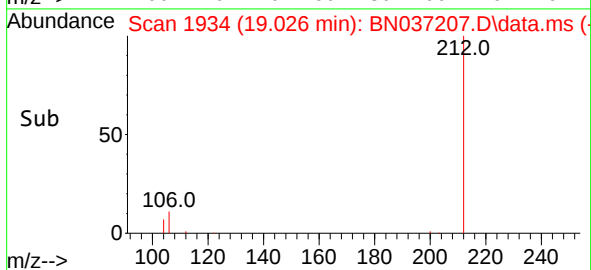
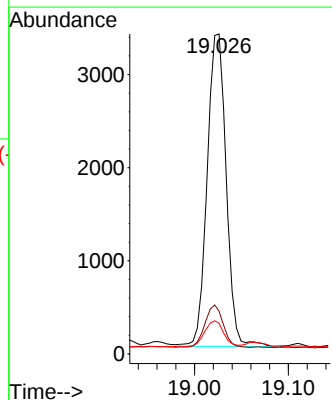
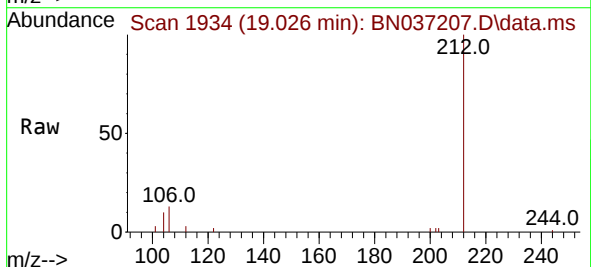
Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

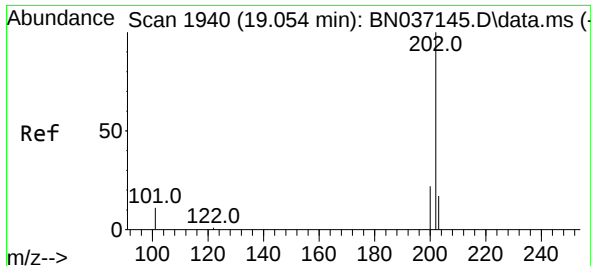
Tgt Ion:	178	Resp:	963
Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.7	23.5
179	16.8	12.3	18.5



#27
Fluoranthene-d10
Concen: 0.459 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion:	212	Resp:	4719
Ion	Ratio	Lower	Upper
212	100		
106	13.0	10.6	15.8
104	8.3	6.6	9.8

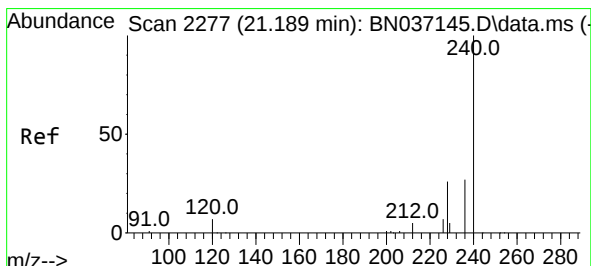
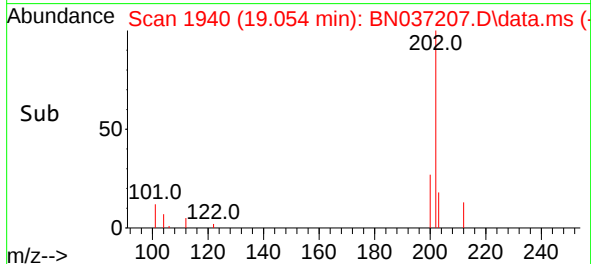
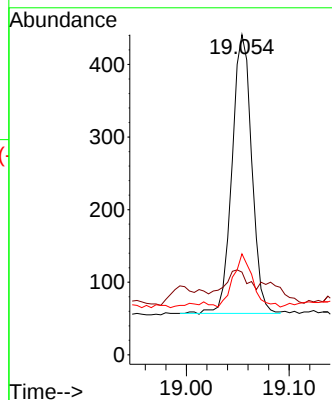
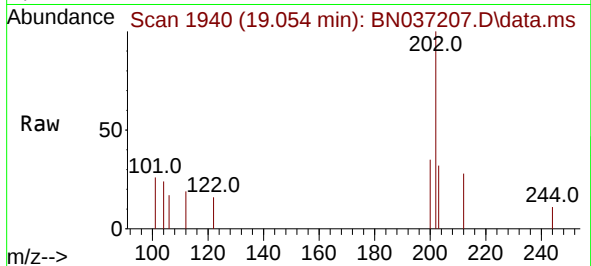




#28
Fluoranthene
Concen: 0.035 ng
RT: 19.054 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

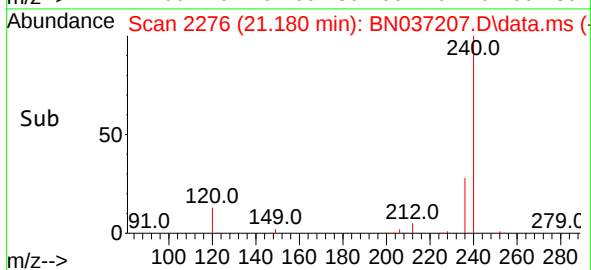
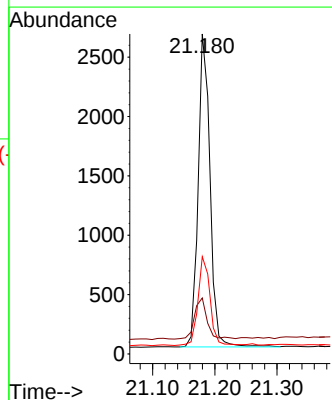
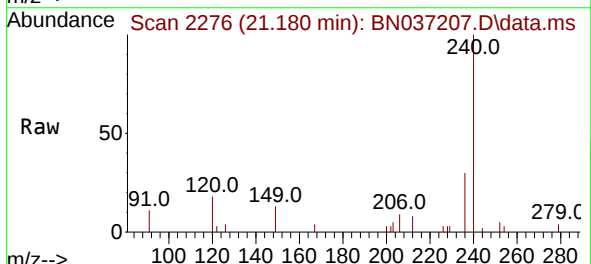
Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

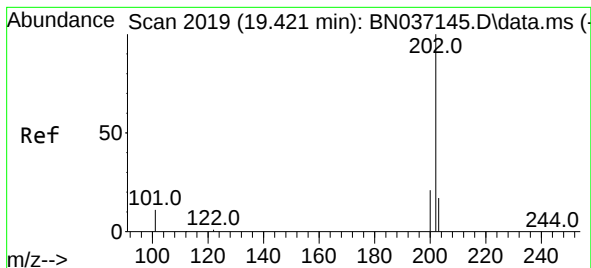
Tgt Ion:202 Resp: 509
Ion Ratio Lower Upper
202 100
101 9.0 8.7 13.1
203 18.7 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion:240 Resp: 3508
Ion Ratio Lower Upper
240 100
120 17.5 9.0 13.4#
236 30.4 23.0 34.4





#30

Pyrene

Concen: 0.028 ng

RT: 19.416 min Scan# 2019

Delta R.T. -0.005 min

Lab File: BN037207.D

Acq: 10 Jun 2025 01:00

Instrument :

BNA_N

ClientSampleId :

MW-18B-56-060425

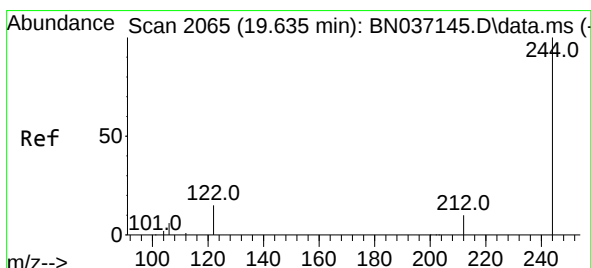
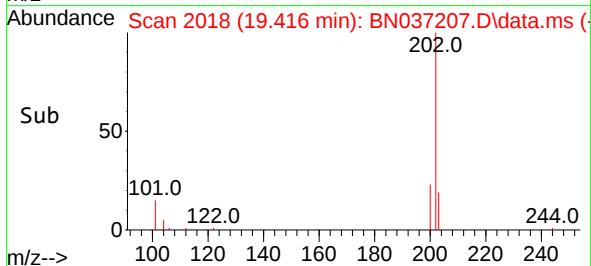
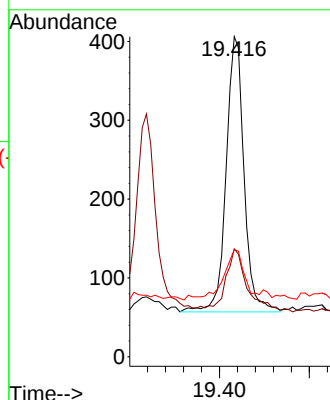
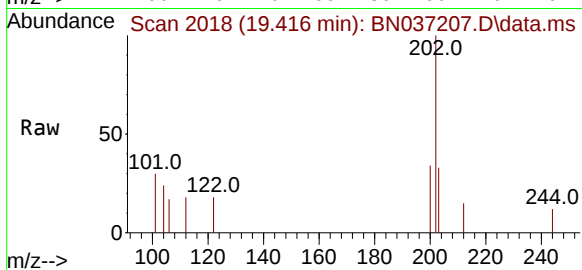
Tgt Ion:202 Resp: 483

Ion Ratio Lower Upper

202 100

200 27.3 17.0 25.6#

203 17.6 14.2 21.4



#31

Terphenyl-d14

Concen: 0.432 ng

RT: 19.630 min Scan# 2064

Delta R.T. -0.005 min

Lab File: BN037207.D

Acq: 10 Jun 2025 01:00

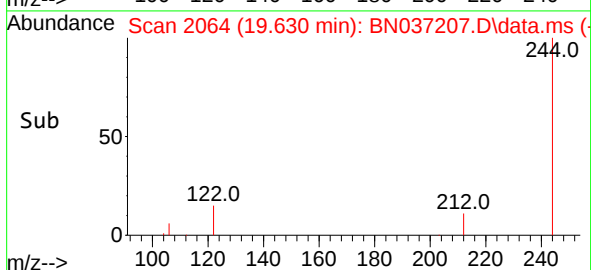
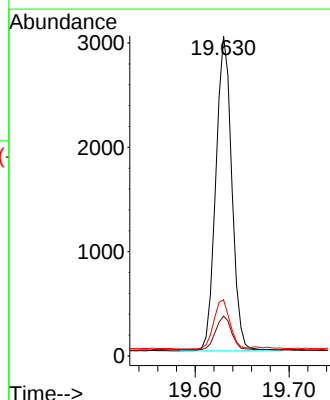
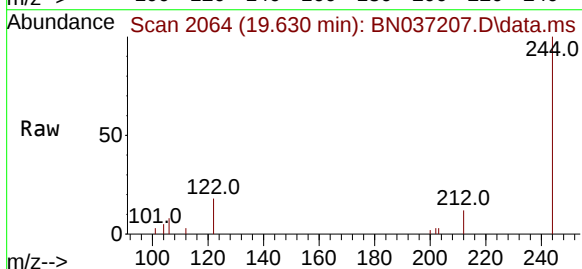
Tgt Ion:244 Resp: 3566

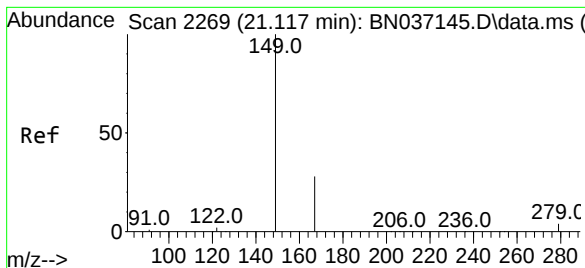
Ion Ratio Lower Upper

244 100

212 12.5 10.0 15.0

122 17.5 13.2 19.8

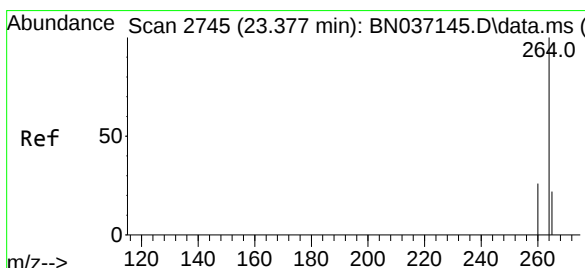
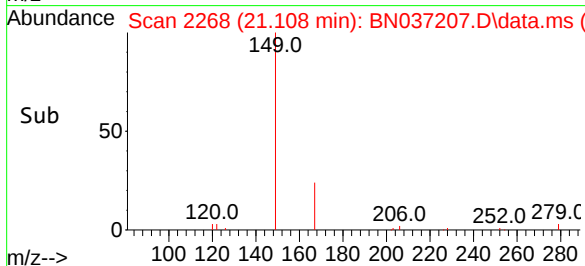
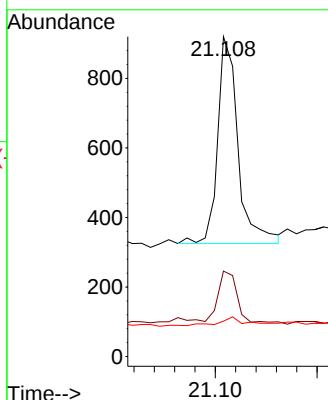
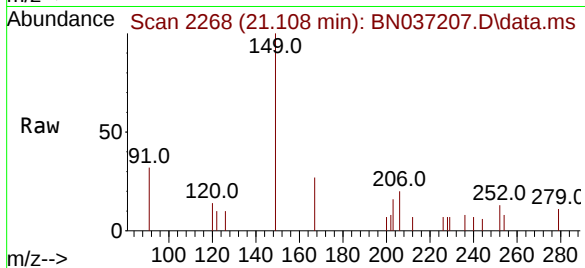




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.104 ng
 RT: 21.108 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037207.D
 Acq: 10 Jun 2025 01:00

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-56-060425

Tgt Ion:149 Resp: 831
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 4.6 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.377 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BN037207.D
 Acq: 10 Jun 2025 01:00

Tgt Ion:264 Resp: 3584
 Ion Ratio Lower Upper
 264 100
 260 27.2 22.1 33.1
 265 67.4 55.8 83.8

