

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037235.D
 Acq On : 13 Jun 2025 20:12
 Operator : RC/JU
 Sample : Q2275-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-060925

Quant Time: Jun 13 23:00:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

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

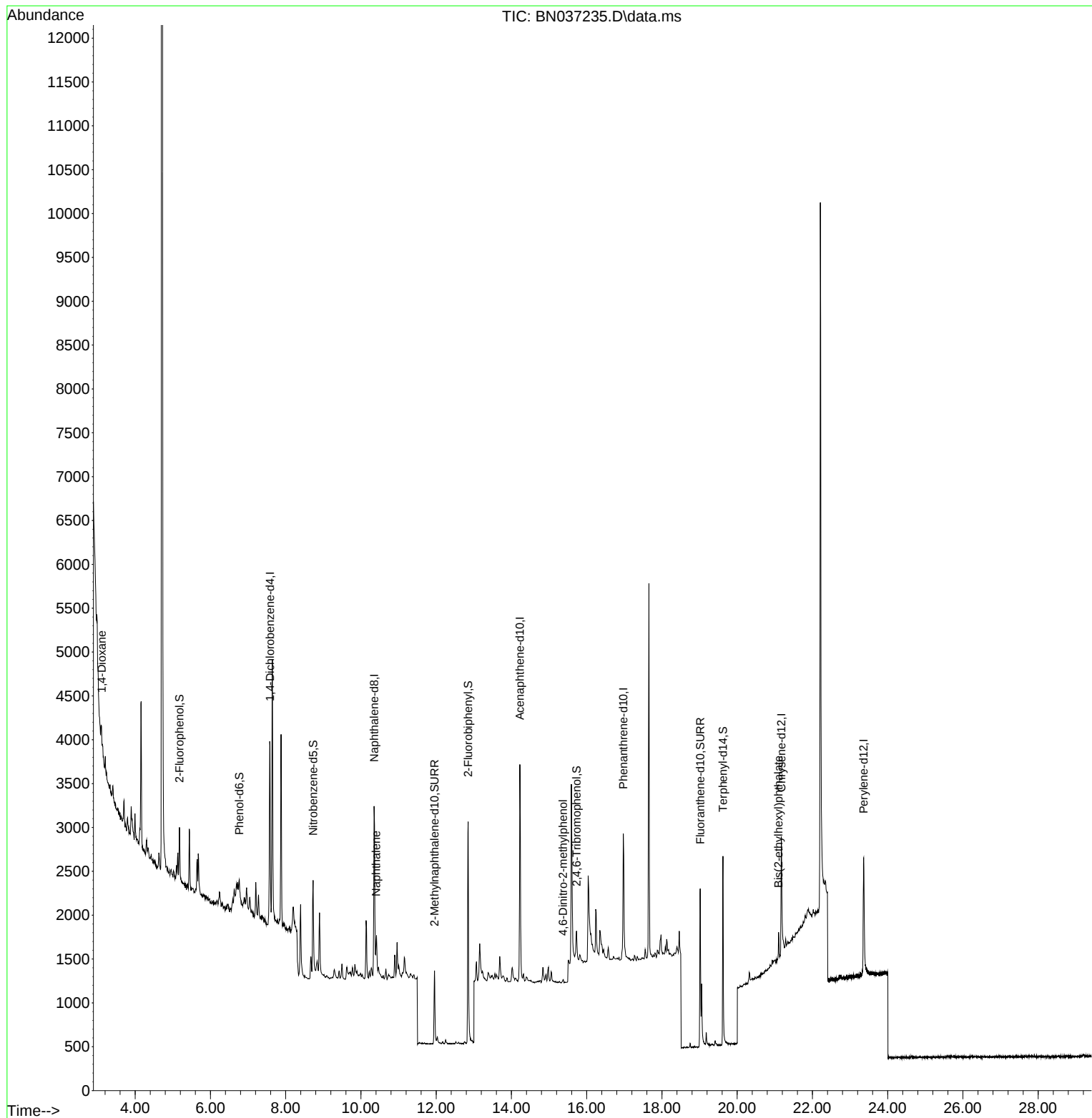
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	1109	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2598	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1390	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2444	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1856	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	1968	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	438	0.161	ng	0.00
5) Phenol-d6	6.766	99	254	0.088	ng	0.00
8) Nitrobenzene-d5	8.728	82	892	0.347	ng	0.00
11) 2-Methylnaphthalene-d10	11.955	152	1251	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	219	0.379	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	2466	0.422	ng	0.00
27) Fluoranthene-d10	19.017	212	2540	0.397	ng	0.00
31) Terphenyl-d14	19.621	244	2249	0.536	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.111	88	45	0.030	ng	# 1
9) Naphthalene	10.404	128	215	0.029	ng	# 44
20) 4,6-Dinitro-2-methylph...	15.368	198	1	0.118	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.099	149	313	0.067	ng	# 96

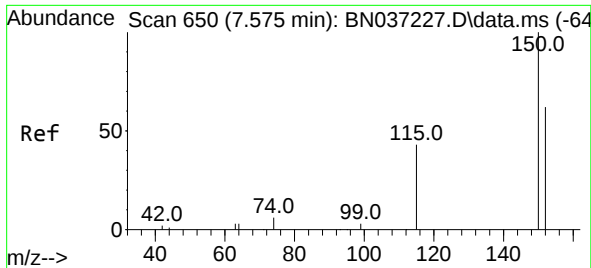
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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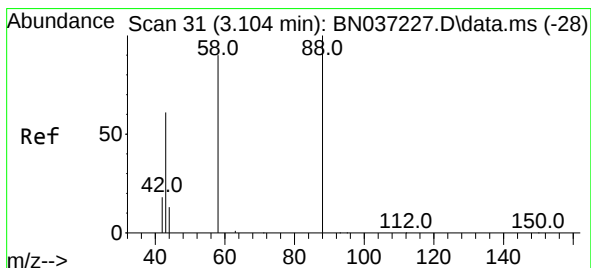
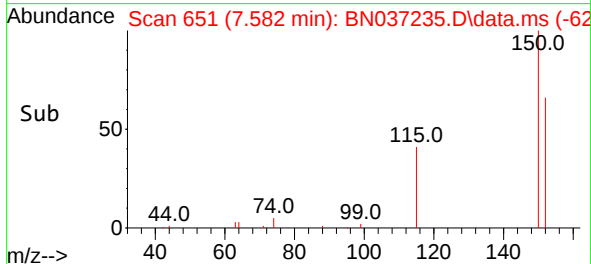
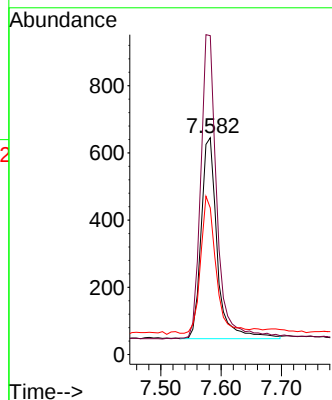
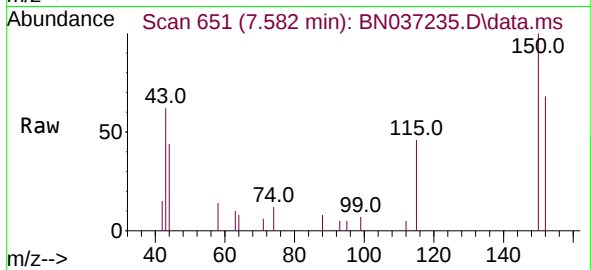




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.582 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN037235.D
 Acq: 13 Jun 2025 20:12

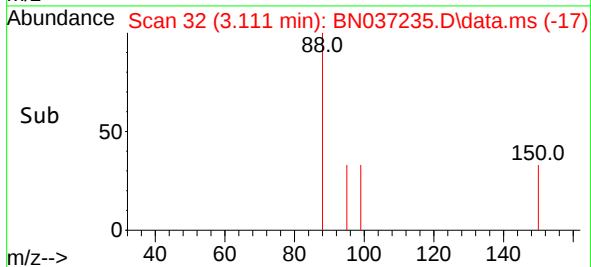
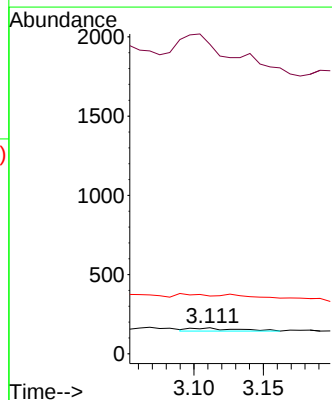
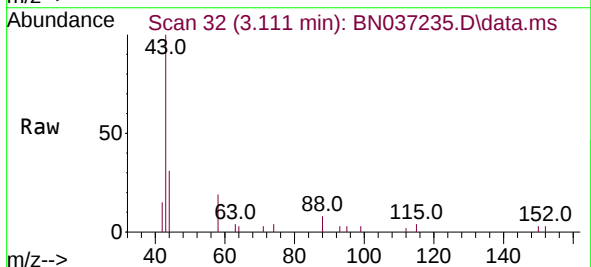
Instrument :
 BNA_N
 ClientSampleId :
 EB01-060925

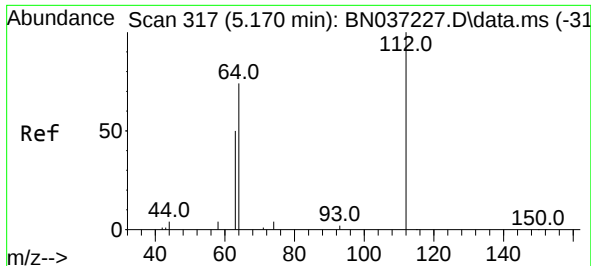
Tgt Ion:152 Resp: 1109
 Ion Ratio Lower Upper
 152 100
 150 147.1 125.2 187.8
 115 67.6 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.030 ng
 RT: 3.111 min Scan# 32
 Delta R.T. 0.007 min
 Lab File: BN037235.D
 Acq: 13 Jun 2025 20:12

Tgt Ion: 88 Resp: 45
 Ion Ratio Lower Upper
 88 100
 43 1733.3 52.6 79.0#
 58 0.0 73.5 110.3#





#4

2-Fluorophenol

Concen: 0.161 ng

RT: 5.177 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN037235.D

Acq: 13 Jun 2025 20:12

Instrument :

BNA_N

ClientSampleId :

EB01-060925

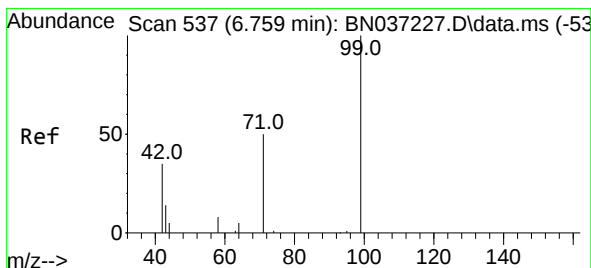
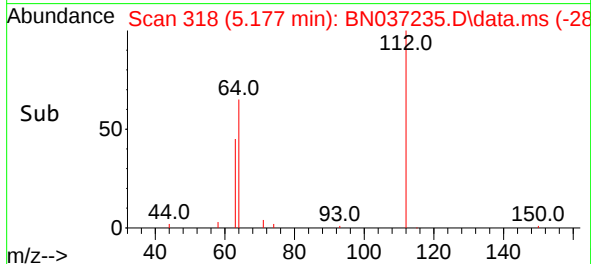
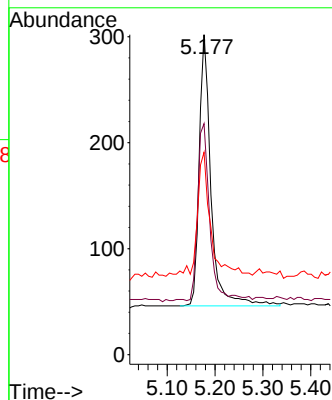
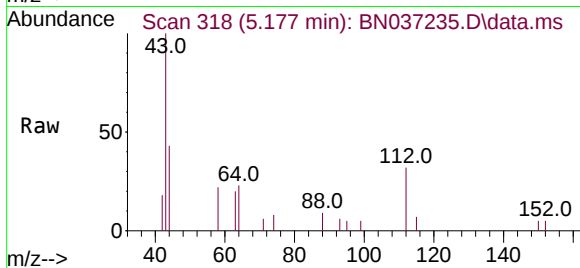
Tgt Ion:112 Resp: 438

Ion Ratio Lower Upper

112 100

64 66.9 57.2 85.8

63 57.5 39.8 59.6



#5

Phenol-d6

Concen: 0.088 ng

RT: 6.766 min Scan# 538

Delta R.T. 0.007 min

Lab File: BN037235.D

Acq: 13 Jun 2025 20:12

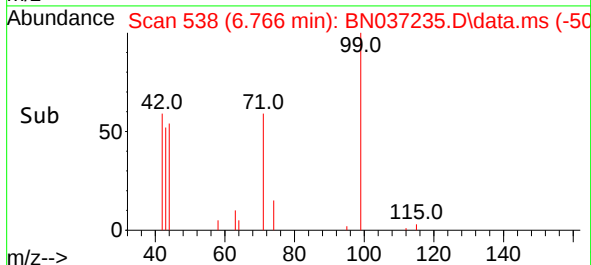
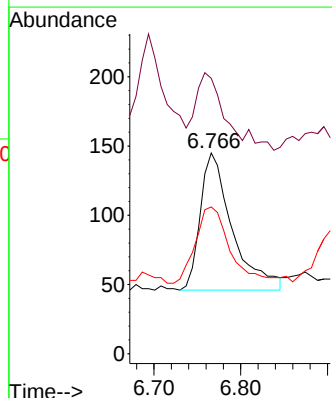
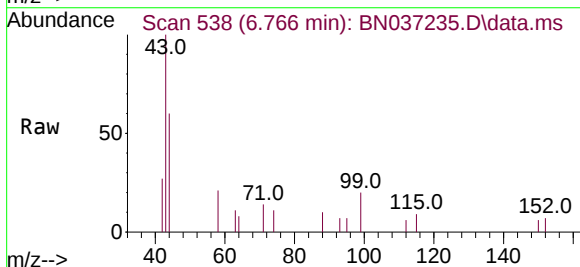
Tgt Ion: 99 Resp: 254

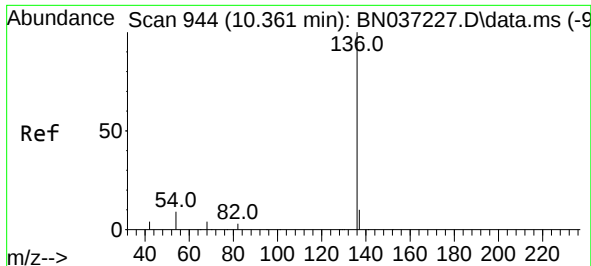
Ion Ratio Lower Upper

99 100

42 53.1 36.2 54.4

71 61.0 42.4 63.6

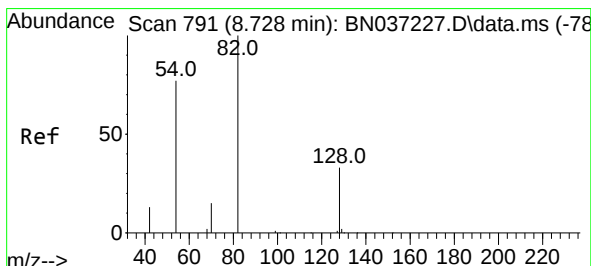
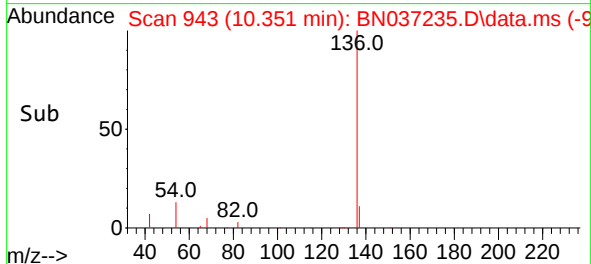
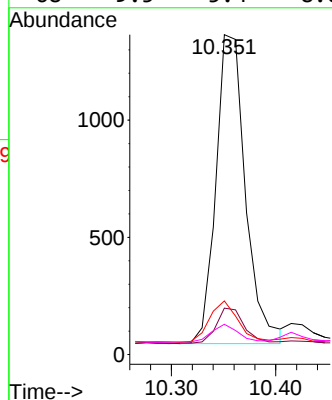
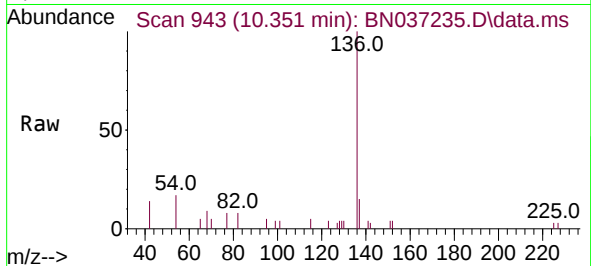




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

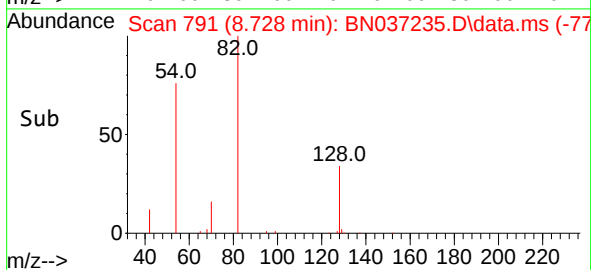
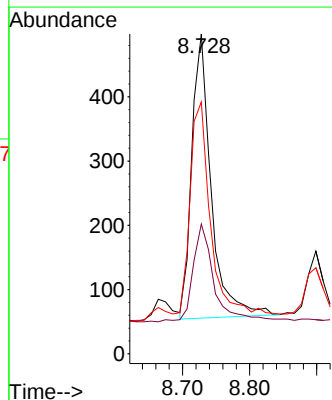
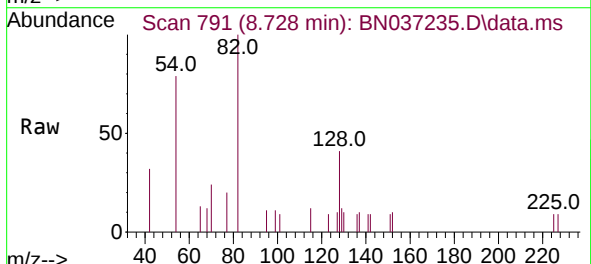
Instrument :
BNA_N
ClientSampleId :
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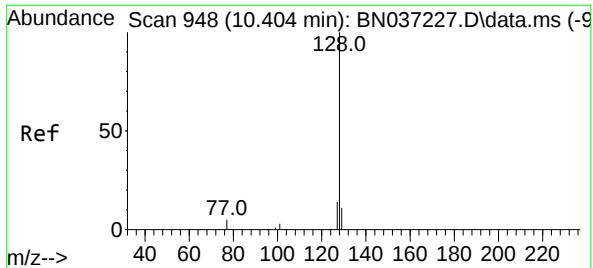
Tgt Ion:136	Resp:	2598
Ion Ratio	Lower	Upper
136	100	
137	14.5	10.6 15.8
54	16.8	9.2 13.8#
68	9.5	5.4 8.0#



#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Tgt Ion: 82	Resp:	892
Ion Ratio	Lower	Upper
82	100	
128	40.6	31.2 46.8
54	78.7	63.3 94.9

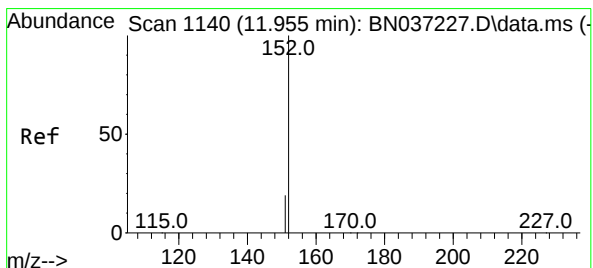
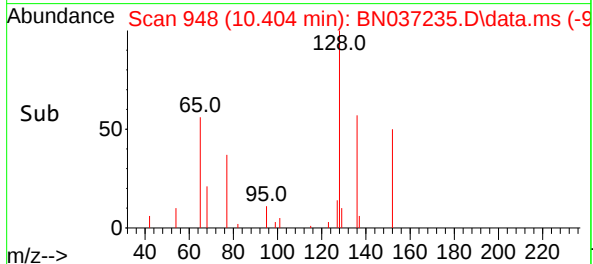
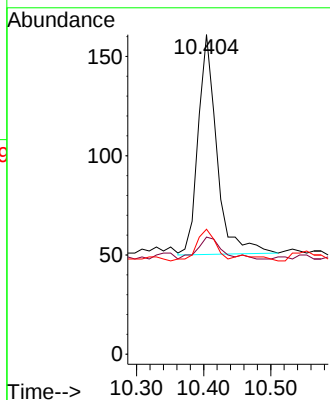
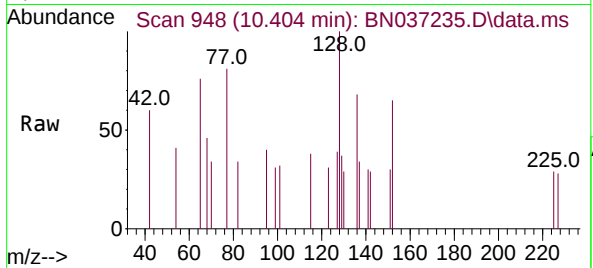




#9
Naphthalene
Concen: 0.029 ng
RT: 10.404 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

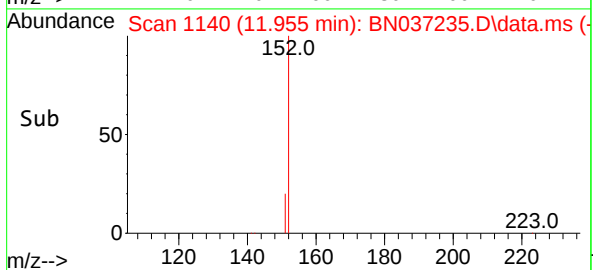
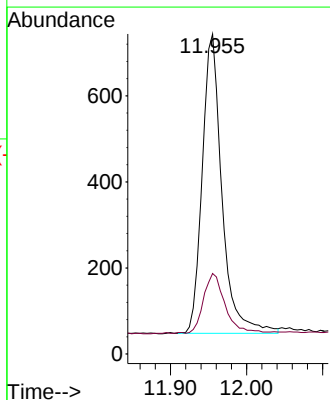
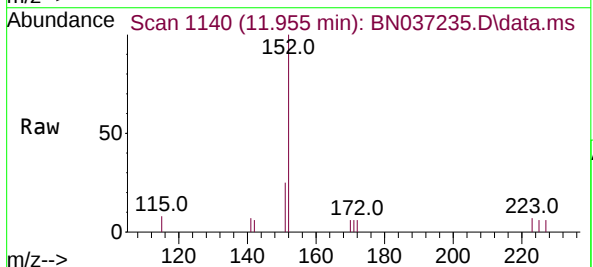
Instrument :
BNA_N
ClientSampleId :
EB01-060925

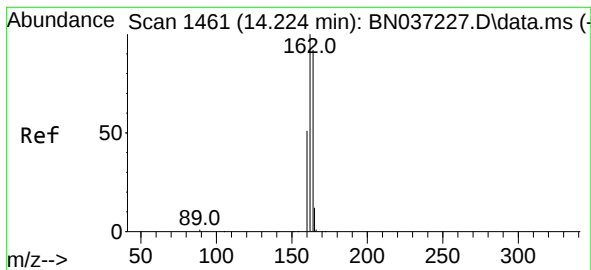
Tgt Ion:128 Resp: 215
Ion Ratio Lower Upper
128 100
129 36.6 10.7 16.1#
127 39.1 12.6 19.0#



#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 11.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Tgt Ion:152 Resp: 1251
Ion Ratio Lower Upper
152 100
151 21.9 17.9 26.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.224 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN037235.D

Acq: 13 Jun 2025 20:12

Instrument :

BNA_N

ClientSampleId :

EB01-060925

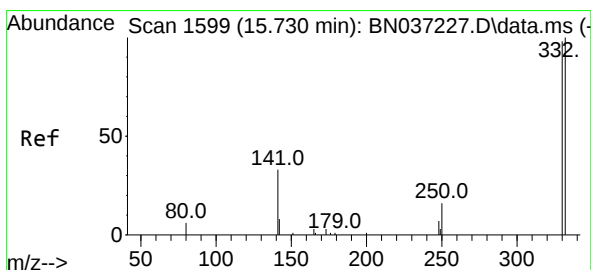
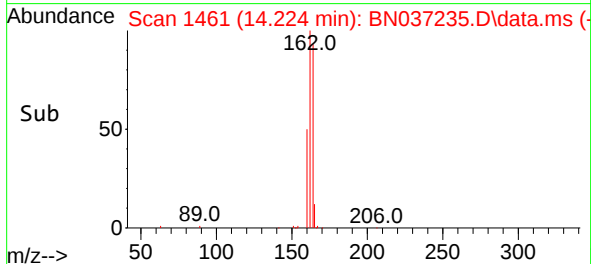
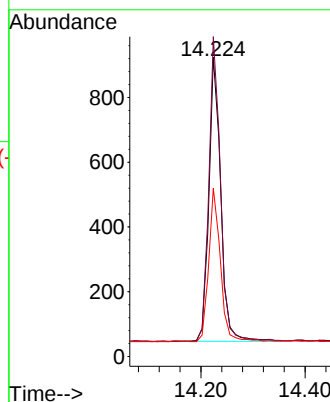
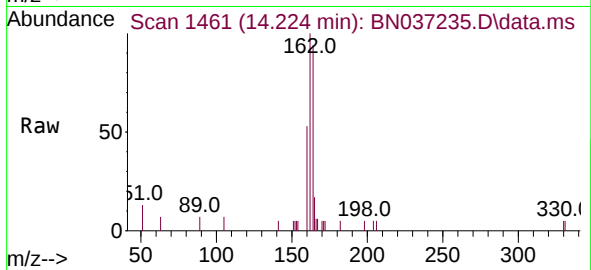
Tgt Ion:164 Resp: 1390

Ion Ratio Lower Upper

164 100

162 106.9 86.7 130.1

160 56.3 45.8 68.6



#14

2,4,6-Tribromophenol

Concen: 0.379 ng

RT: 15.730 min Scan# 1599

Delta R.T. 0.000 min

Lab File: BN037235.D

Acq: 13 Jun 2025 20:12

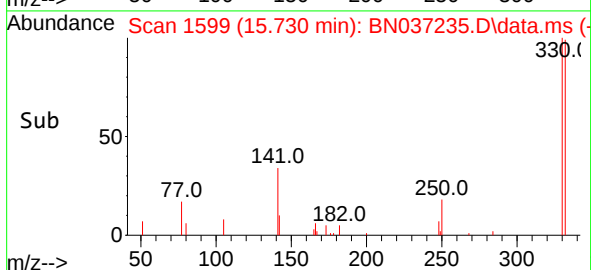
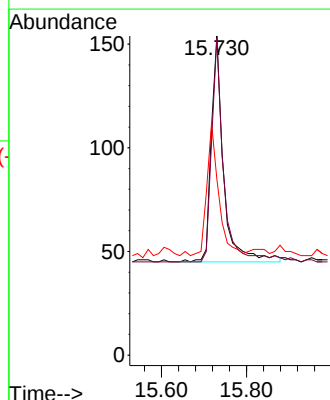
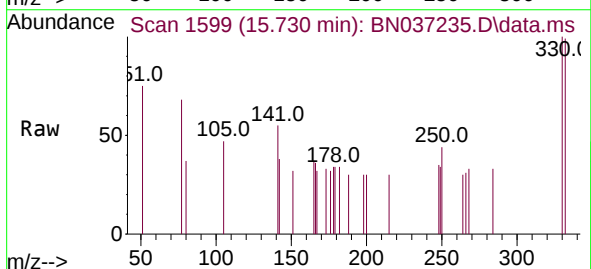
Tgt Ion:330 Resp: 219

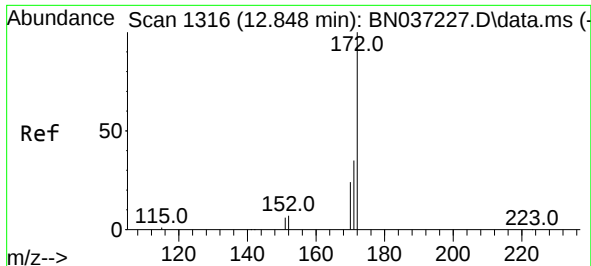
Ion Ratio Lower Upper

330 100

332 95.4 74.9 112.3

141 55.7 45.1 67.7

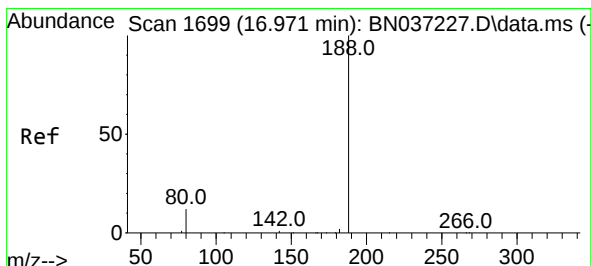
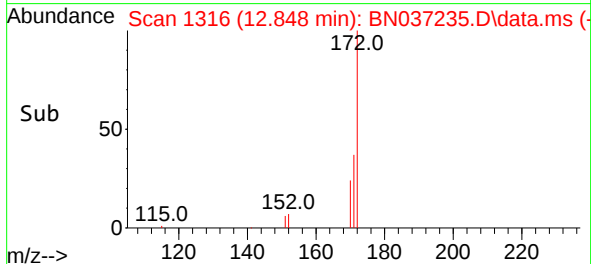
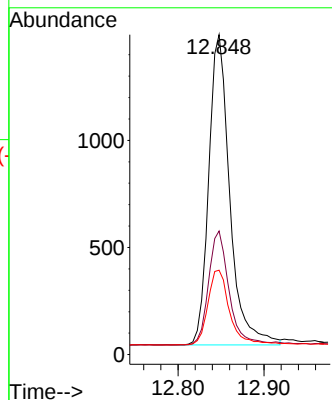
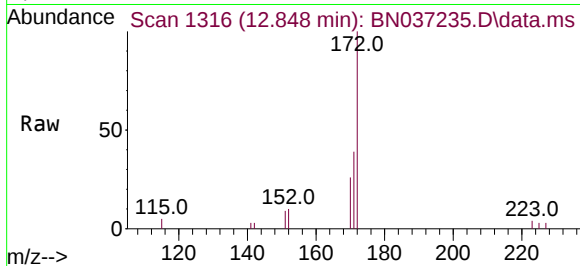




#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 12.848 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

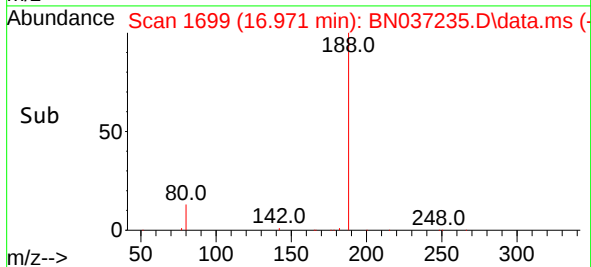
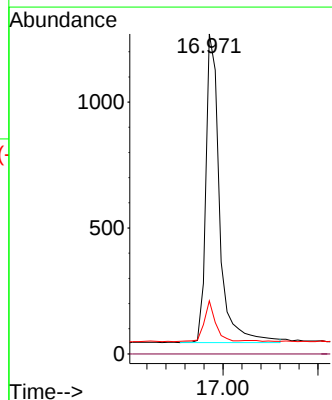
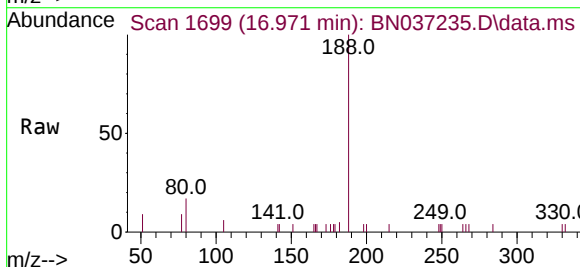
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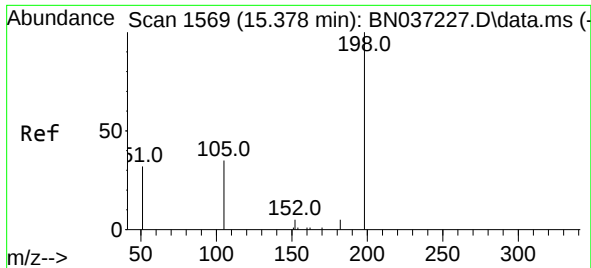
Tgt Ion:	172	Resp:	2466
Ion Ratio	Lower	Upper	
172	100		
171	38.6	29.8	44.8
170	26.4	21.1	31.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Tgt Ion:	188	Resp:	2444
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	16.6	12.2	18.4

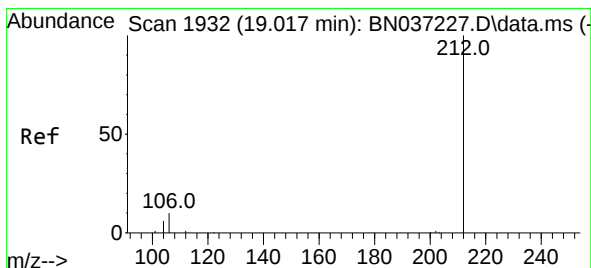
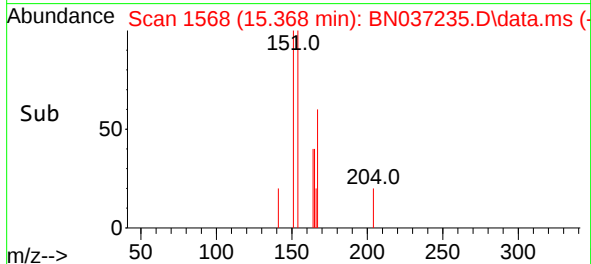
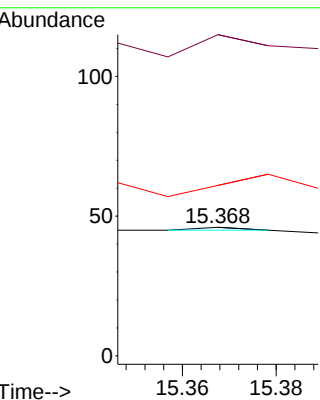
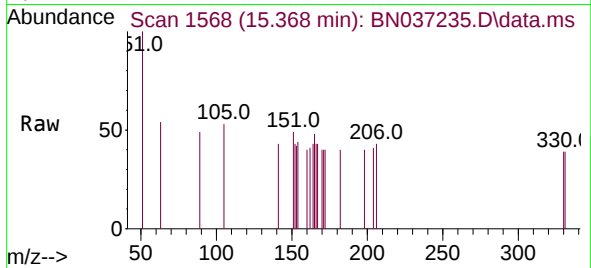




#20
4,6-Dinitro-2-methylphenol
Concen: 0.118 ng
RT: 15.368 min Scan# 1568
Delta R.T. -0.010 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

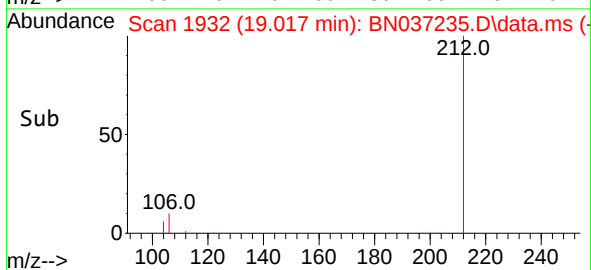
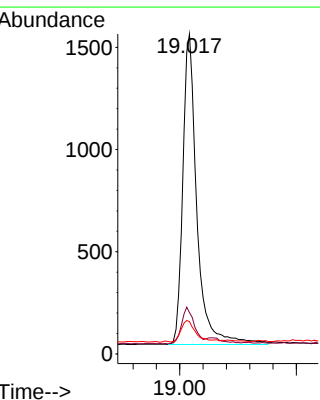
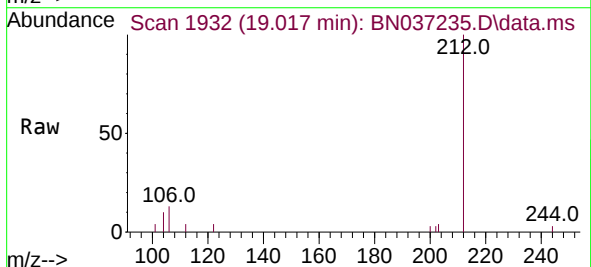
Instrument :
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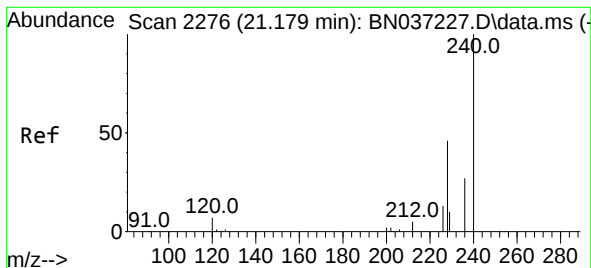
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 250.0 111.2 166.8#
105 132.6 54.0 81.0#



#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.017 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BN037235.D
Acq: 13 Jun 2025 20:12

Tgt Ion:212 Resp: 2540
Ion Ratio Lower Upper
212 100
106 10.8 9.3 13.9
104 7.4 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037235.D

Acq: 13 Jun 2025 20:12

Instrument :

BNA_N

ClientSampleId :

EB01-060925

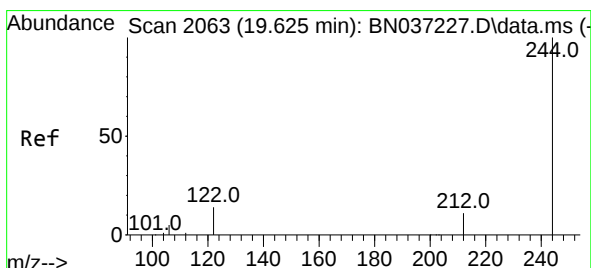
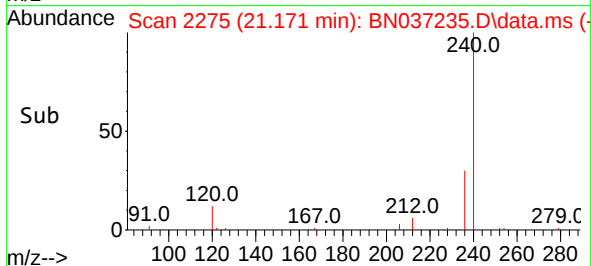
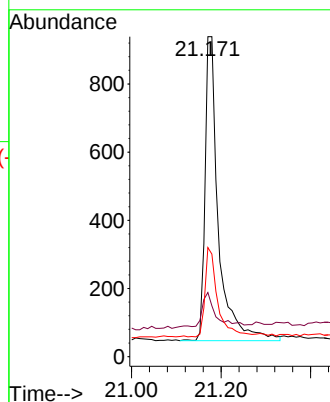
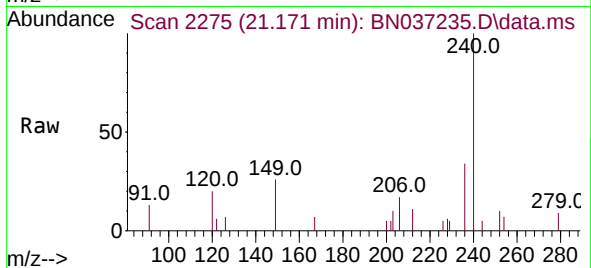
Tgt Ion:240 Resp: 1856

Ion Ratio Lower Upper

240 100

120 20.0 11.3 16.9#

236 34.1 24.4 36.6



#31

Terphenyl-d14

Concen: 0.536 ng

RT: 19.621 min Scan# 2062

Delta R.T. -0.005 min

Lab File: BN037235.D

Acq: 13 Jun 2025 20:12

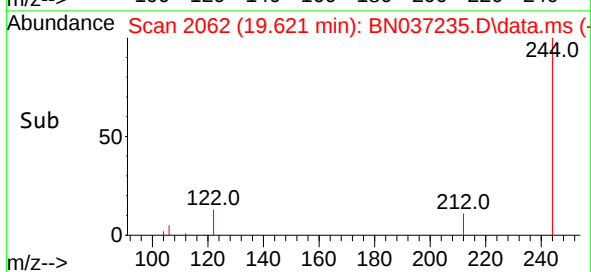
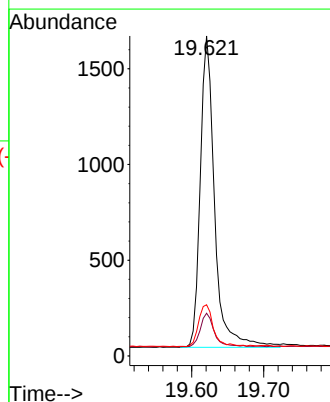
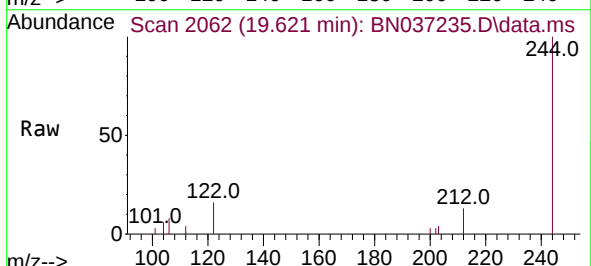
Tgt Ion:244 Resp: 2249

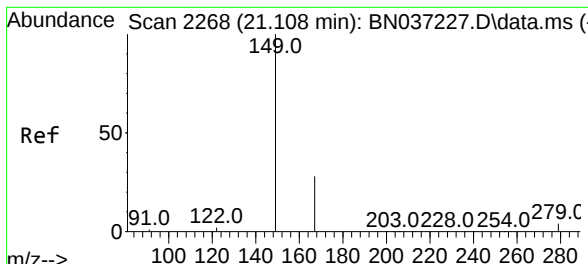
Ion Ratio Lower Upper

244 100

212 13.3 12.2 18.2

122 16.0 14.3 21.5

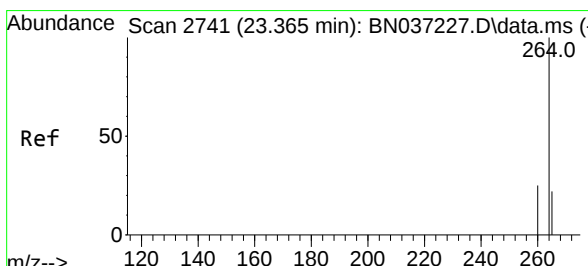
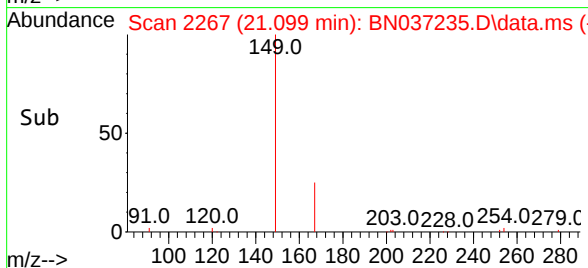
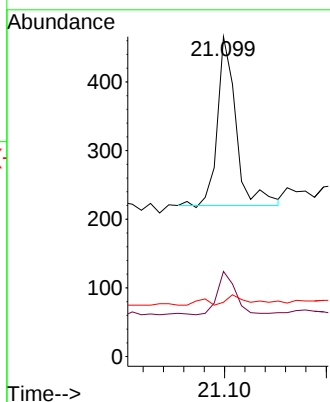
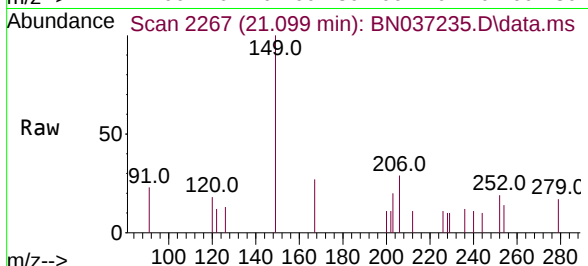




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.067 ng
 RT: 21.099 min Scan# 2110
 Delta R.T. -0.009 min
 Lab File: BN037235.D
 Acq: 13 Jun 2025 20:12

Instrument :
 BNA_N
 ClientSampleId :
 EB01-060925

Tgt Ion:	149	Resp:	313
Ion Ratio	Lower	Upper	
149	100		
167	24.9	21.3	31.9
279	7.0	3.3	4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.360 min Scan# 2739
 Delta R.T. -0.006 min
 Lab File: BN037235.D
 Acq: 13 Jun 2025 20:12

Tgt Ion:	264	Resp:	1968
Ion Ratio	Lower	Upper	
264	100		
260	28.0	22.8	34.2
265	88.4	66.4	99.6

