

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037181.D
 Acq On : 05 Jun 2025 15:08
 Operator : RC/JU
 Sample : Q2200-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 05 15:42:26 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)

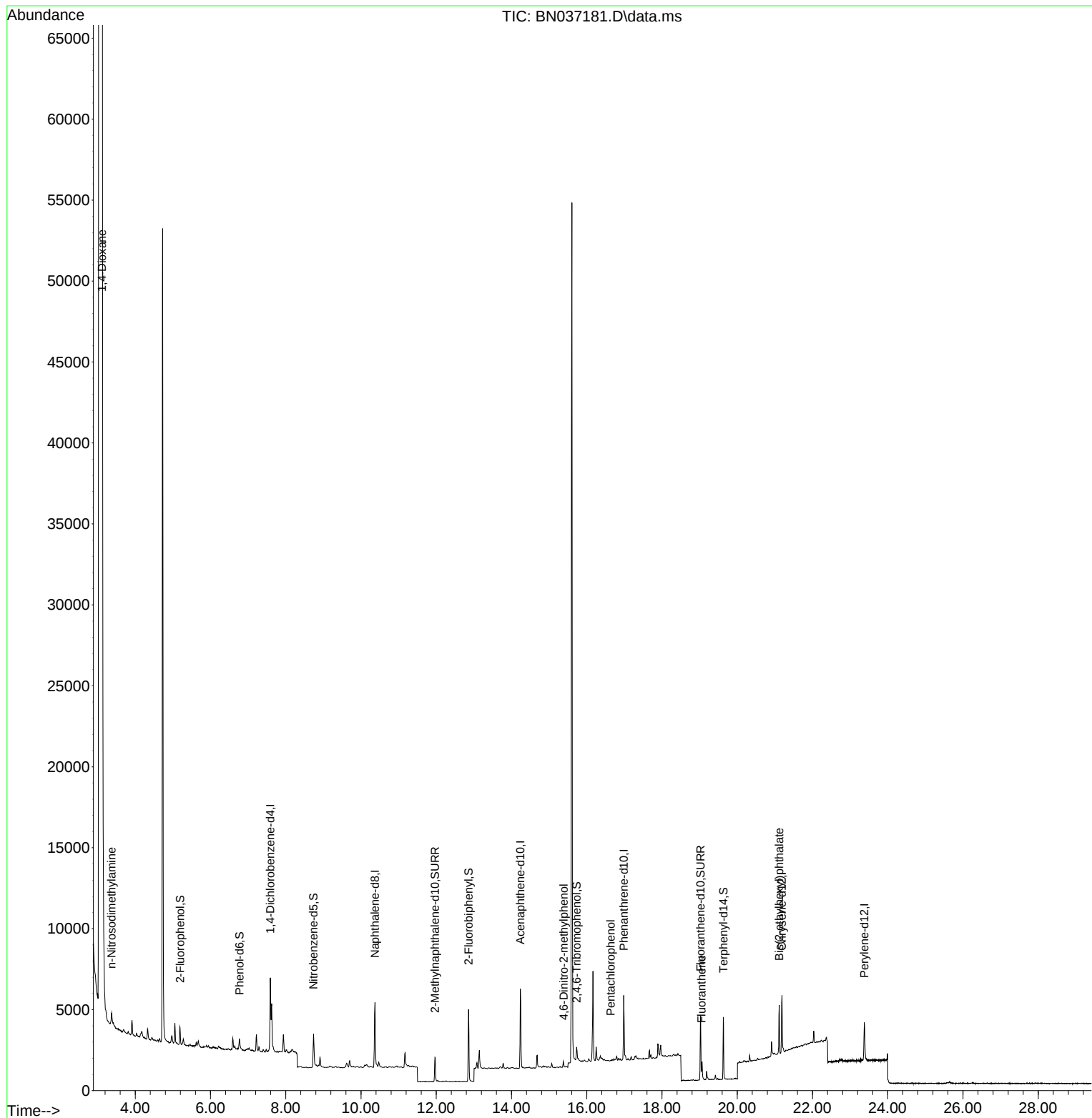
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2014	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5256	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2798	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4922	0.400	ng	0.00
29) Chrysene-d12	21.189	240	3314	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	3148	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	778	0.156	ng	0.00
5) Phenol-d6	6.773	99	531	0.088	ng	0.00
8) Nitrobenzene-d5	8.739	82	1803	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	2201	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	423	0.375	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	3823	0.320	ng	0.00
27) Fluoranthene-d10	19.022	212	4519	0.361	ng	0.00
31) Terphenyl-d14	19.630	244	3411	0.437	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	57659	21.478	ng	98
3) n-Nitrosodimethylamine	3.372	42	258	0.048	ng	# 10
20) 4,6-Dinitro-2-methylph...	15.389	198	4	0.277	ng	# 1
24) Pentachlorophenol	16.636	266	29	0.229	ng	# 74
28) Fluoranthene	19.054	202	356	0.020	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.117	149	2890	0.382	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037181.D
Acq On : 05 Jun 2025 15:08
Operator : RC/JU
Sample : Q2200-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

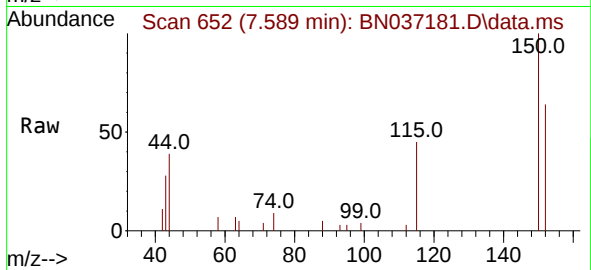
Quant Time: Jun 05 15:42:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration





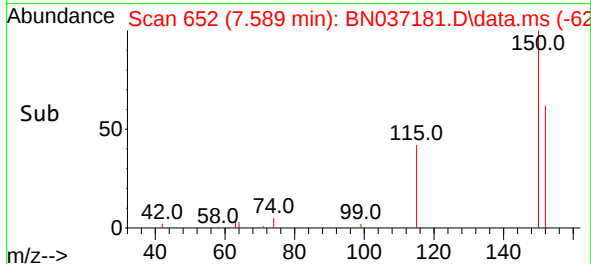
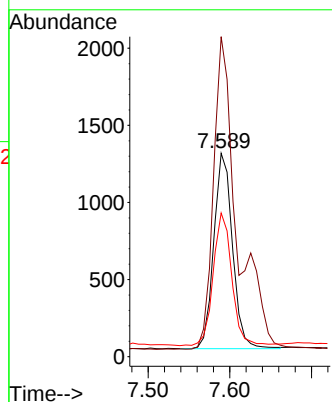
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:152 Resp: 2014

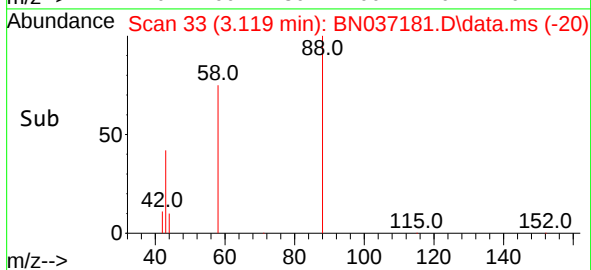
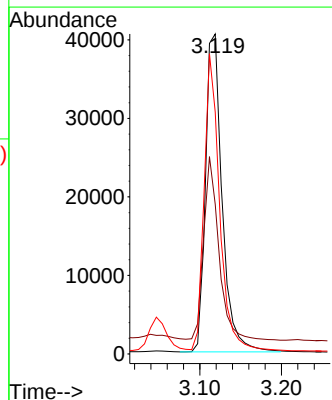
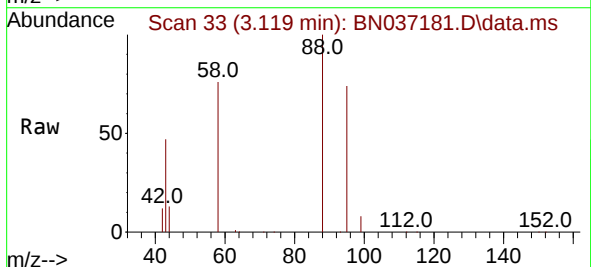
Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.2	184.8
115	70.7	56.6	85.0

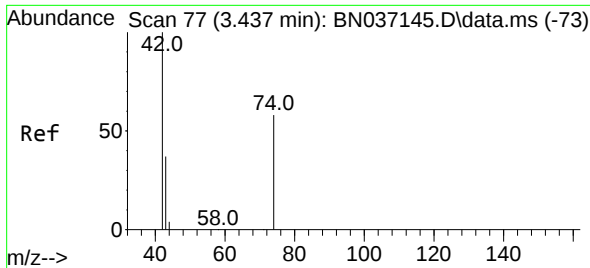


#2
 1,4-Dioxane
 Concen: 21.478 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

Tgt Ion: 88 Resp: 57659

Ion	Ratio	Lower	Upper
88	100		
43	52.9	43.5	65.3
58	85.7	67.7	101.5

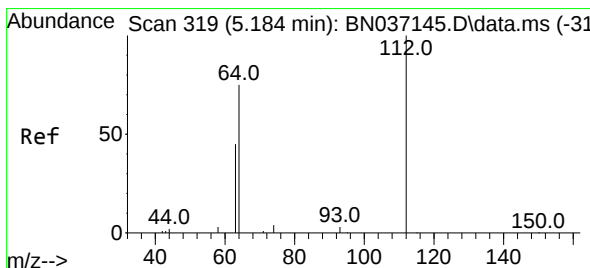
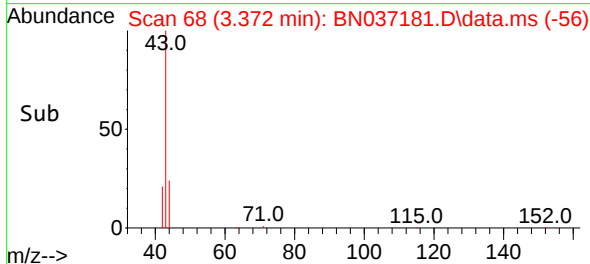
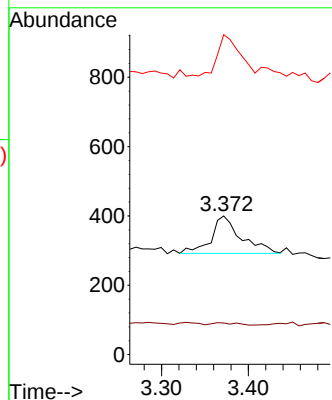
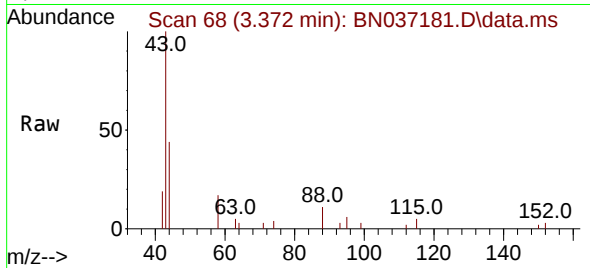




#3
 n-Nitrosodimethylamine
 Concen: 0.048 ng
 RT: 3.372 min Scan# 61
 Delta R.T. -0.065 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

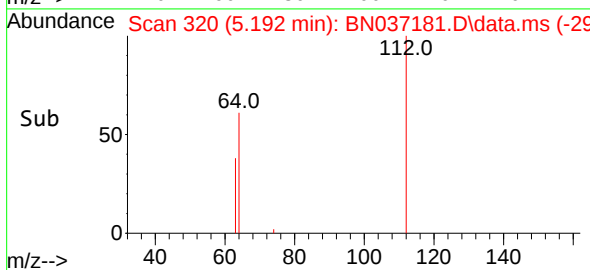
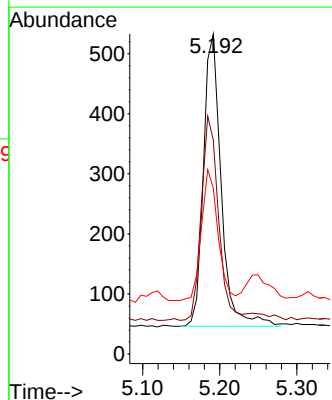
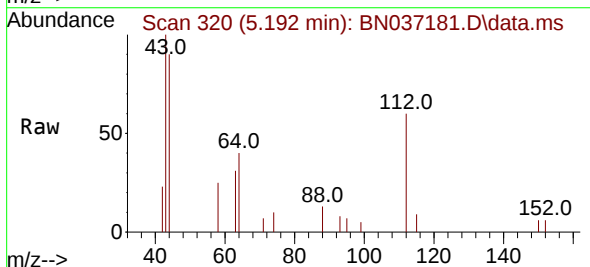
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 42 Resp: 258
 Ion Ratio Lower Upper
 42 100
 74 5.0 53.0 79.4#
 44 79.8 5.9 8.9#



#4
 2-Fluorophenol
 Concen: 0.156 ng
 RT: 5.192 min Scan# 320
 Delta R.T. 0.007 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

Tgt Ion: 112 Resp: 778
 Ion Ratio Lower Upper
 112 100
 64 67.6 56.3 84.5
 63 41.9 36.2 54.4

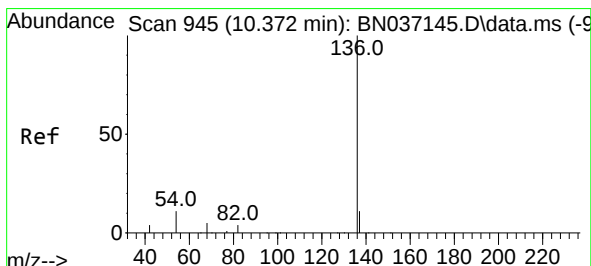
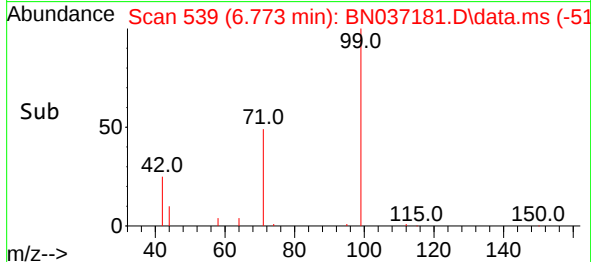
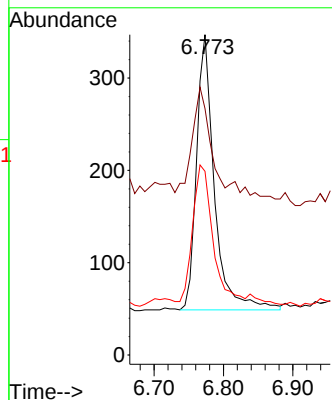
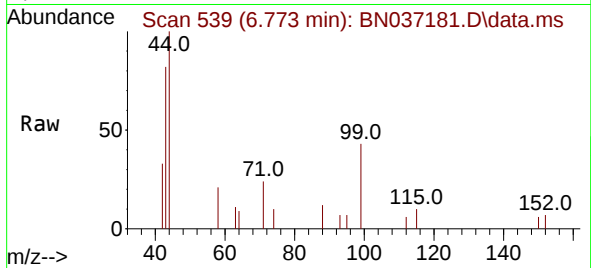




#5
Phenol-d6
Concen: 0.088 ng
RT: 6.773 min Scan# 531
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

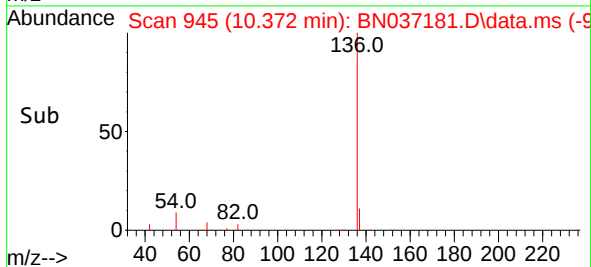
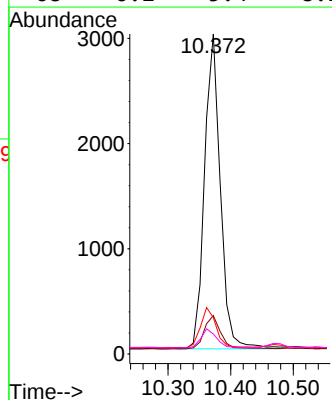
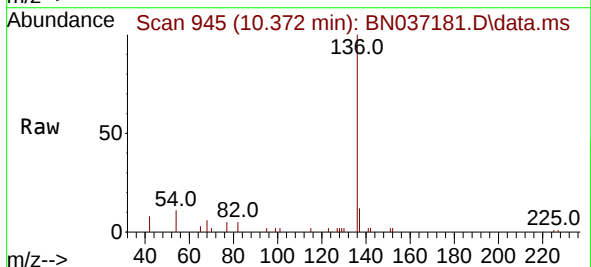
Instrument :
BNA_N
ClientSampleId :

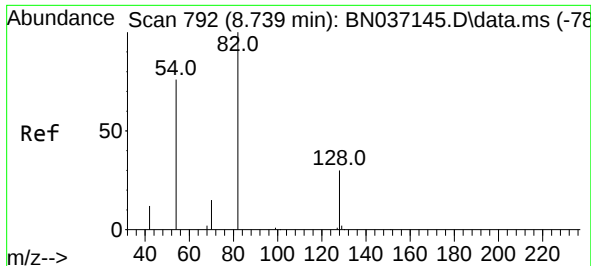
Tgt Ion: 99 Resp: 531
Ion Ratio Lower Upper
99 100
42 48.2 31.3 46.9#
71 55.2 38.2 57.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

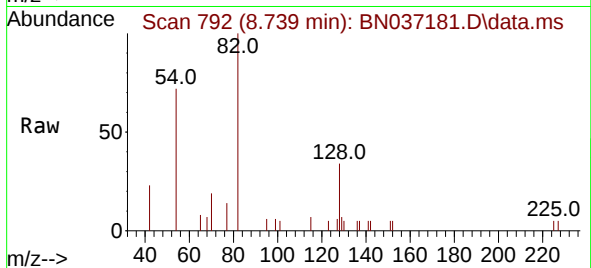
Tgt Ion: 136 Resp: 5256
Ion Ratio Lower Upper
136 100
137 12.0 9.7 14.5
54 11.4 9.7 14.5
68 6.2 5.4 8.2



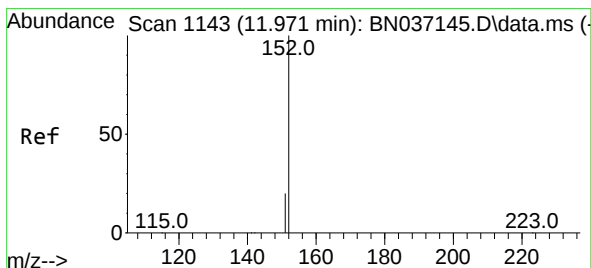
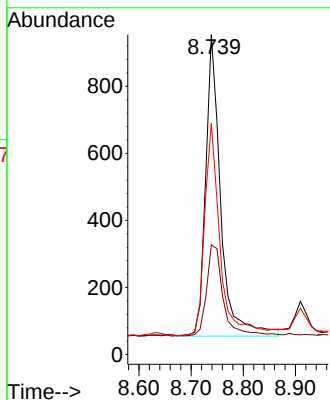
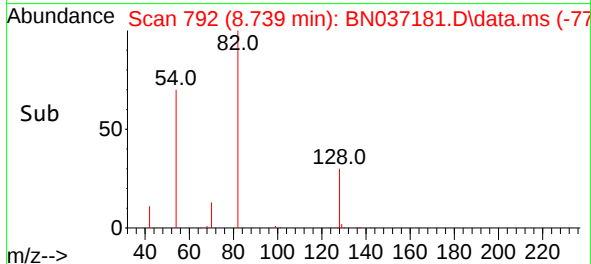


#8
 Nitrobenzene-d5
 Concen: 0.325 ng
 RT: 8.739 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

Instrument :
 BNA_N
 ClientSampleId :

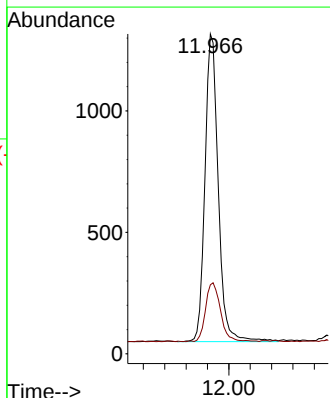
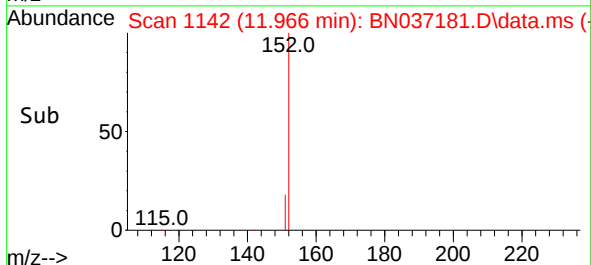
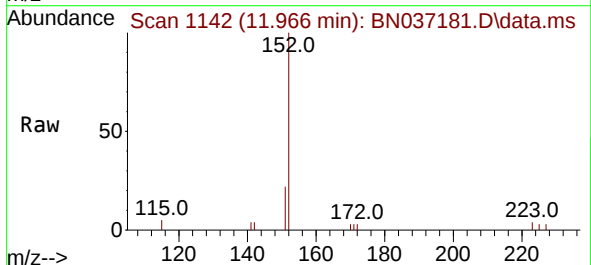


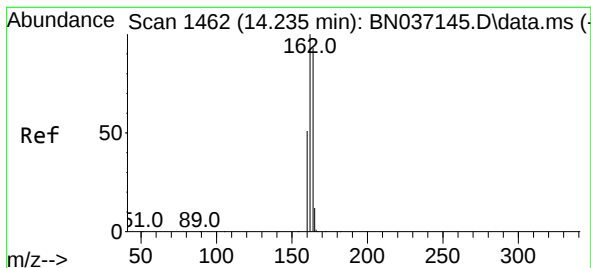
Tgt Ion: 82 Resp: 1803
 Ion Ratio Lower Upper
 82 100
 128 34.3 26.9 40.3
 54 72.2 61.4 92.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.301 ng
 RT: 11.966 min Scan# 1142
 Delta R.T. -0.005 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

Tgt Ion: 152 Resp: 2201
 Ion Ratio Lower Upper
 152 100
 151 21.6 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: BN037181.D

Acq: 05 Jun 2025 15:08

Instrument :

BNA_N

ClientSampleId :

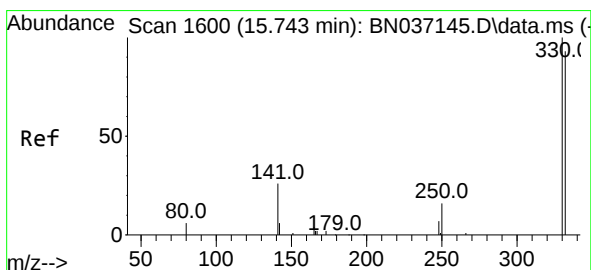
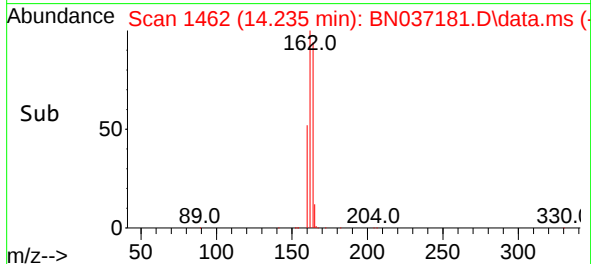
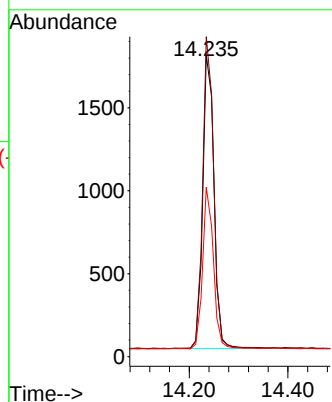
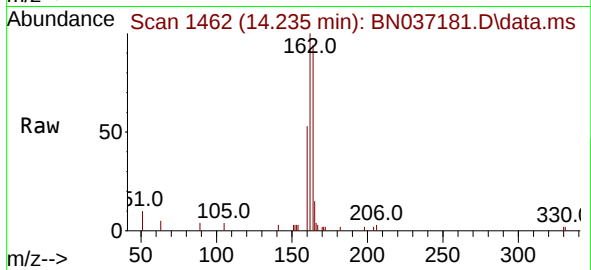
Tgt Ion:164 Resp: 2798

Ion Ratio Lower Upper

164 100

162 106.1 85.5 128.3

160 56.2 44.6 67.0



#14

2,4,6-Tribromophenol

Concen: 0.375 ng

RT: 15.730 min Scan# 1599

Delta R.T. -0.012 min

Lab File: BN037181.D

Acq: 05 Jun 2025 15:08

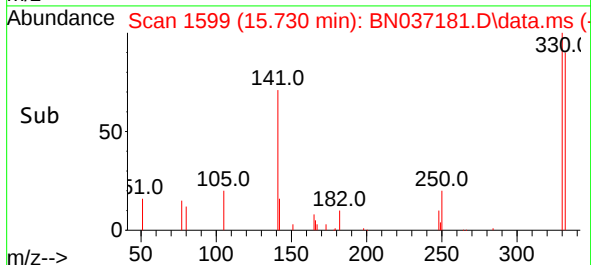
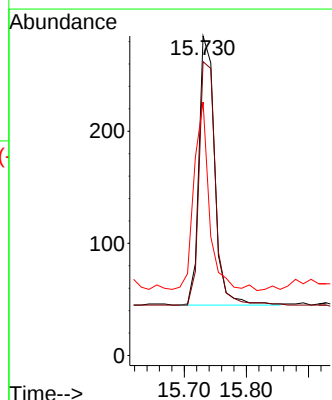
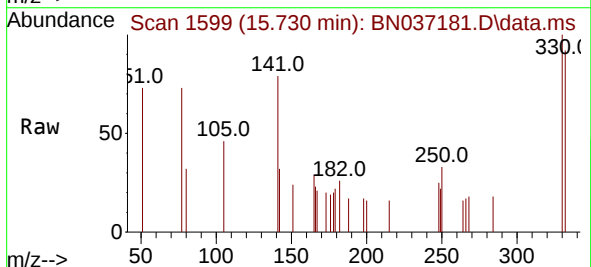
Tgt Ion:330 Resp: 423

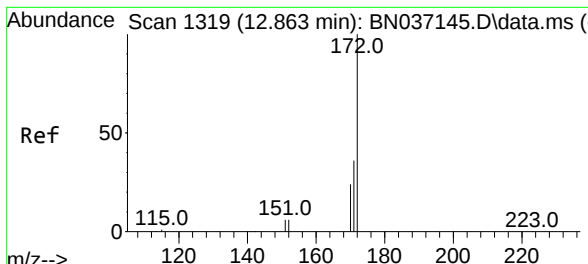
Ion Ratio Lower Upper

330 100

332 93.9 77.1 115.7

141 68.6 46.4 69.6



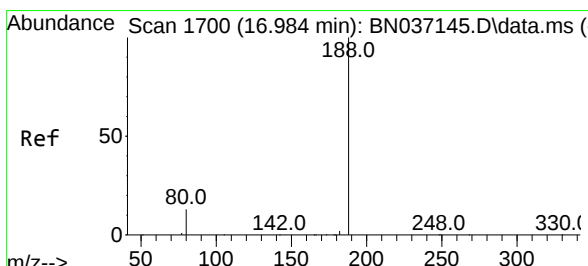
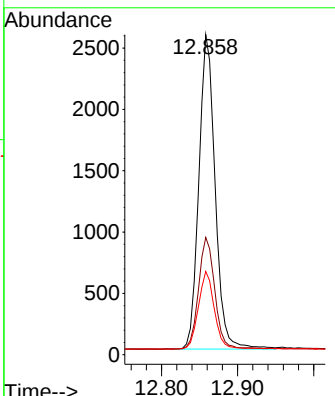
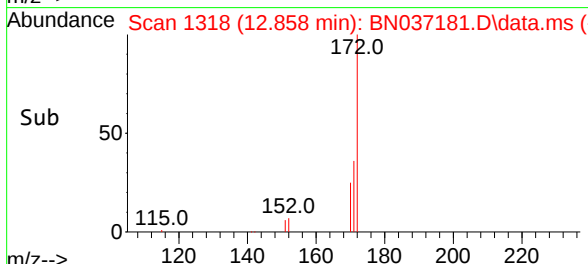
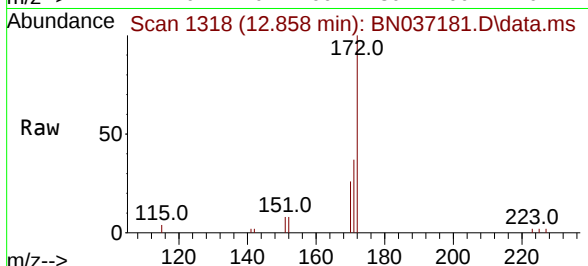


#15
 2-Fluorobiphenyl
 Concen: 0.320 ng
 RT: 12.858 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:172 Resp: 3823

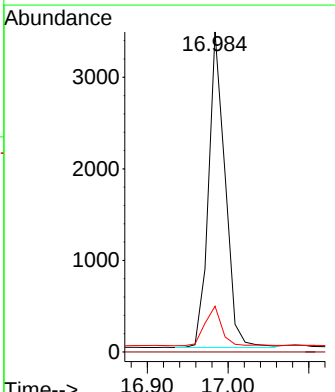
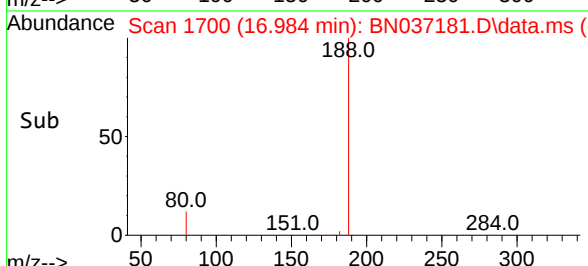
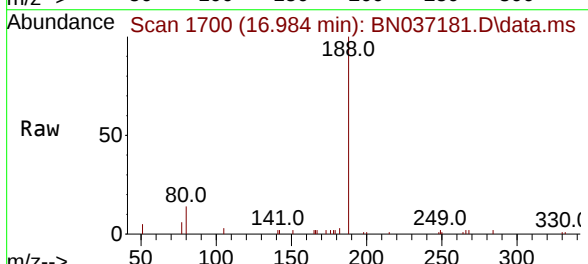
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	26.0	20.3	30.5

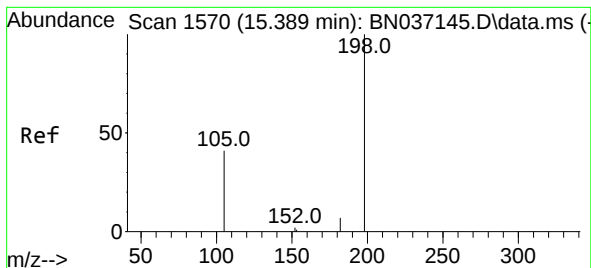


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.984 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

Tgt Ion:188 Resp: 4922

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.3	11.3	16.9

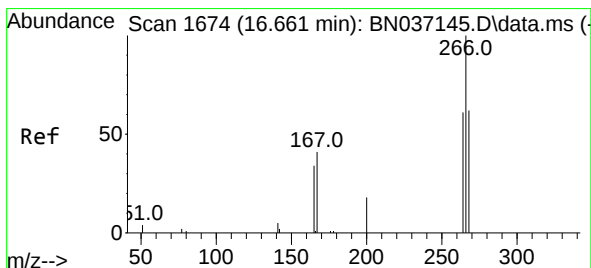
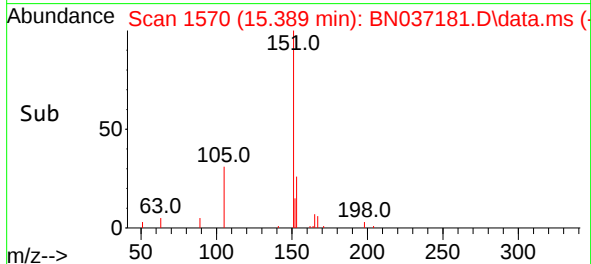
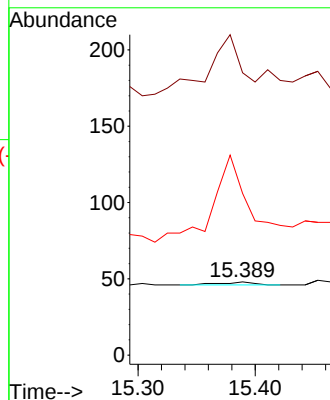
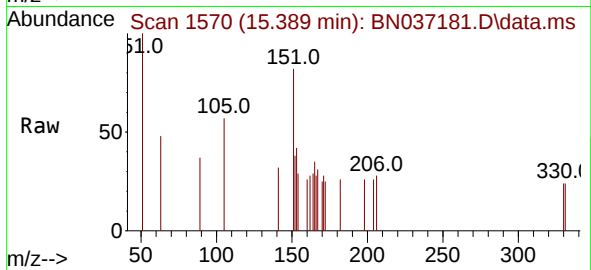




#20
4,6-Dinitro-2-methylphenol
Concen: 0.277 ng
RT: 15.389 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

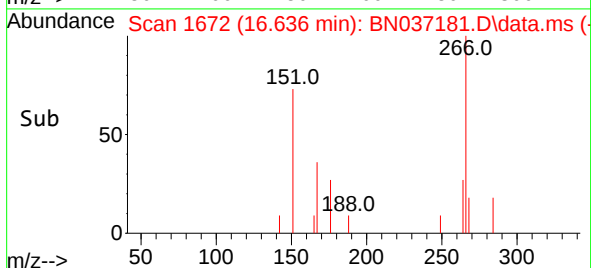
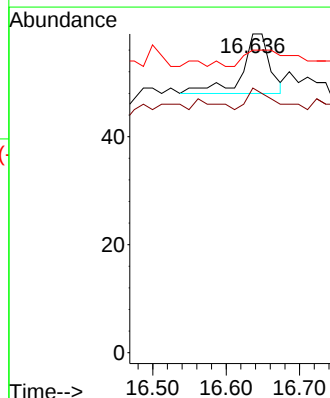
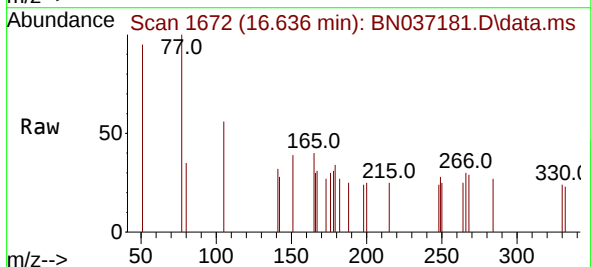
Instrument :
BNA_N
ClientSampleId :

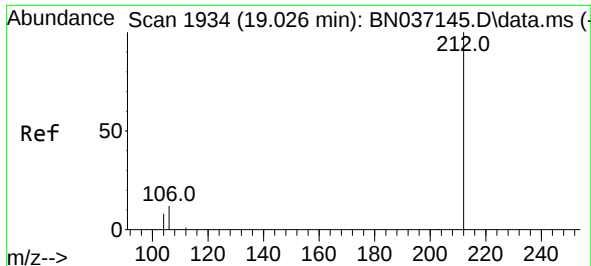
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 385.4 125.2 187.8#
105 220.8 57.1 85.7#



#24
Pentachlorophenol
Concen: 0.229 ng
RT: 16.636 min Scan# 1672
Delta R.T. -0.025 min
Lab File: BN037181.D
Acq: 05 Jun 2025 15:08

Tgt Ion:266 Resp: 29
Ion Ratio Lower Upper
266 100
264 34.5 49.3 73.9#
268 48.3 49.0 73.4#





#27

Fluoranthene-d10

Concen: 0.361 ng

RT: 19.022 min Scan# 1933

Delta R.T. -0.005 min

Lab File: BN037181.D

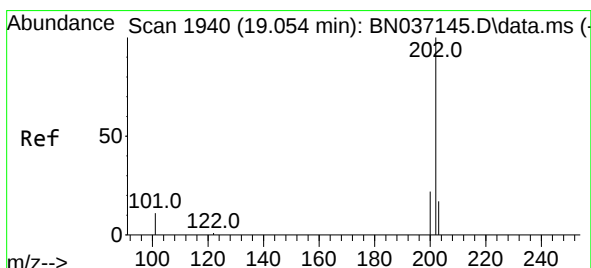
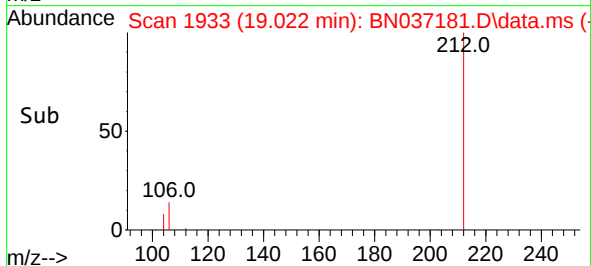
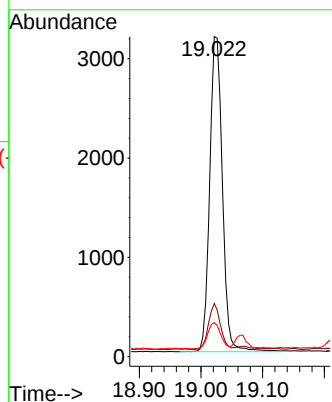
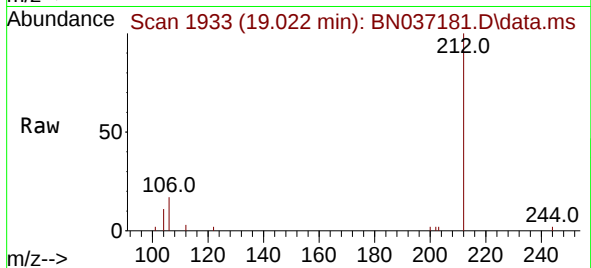
Acq: 05 Jun 2025 15:08

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:212	Resp:	4519
Ion Ratio	Lower	Upper
212	100	
106	13.5	10.6 15.8
104	8.4	6.6 9.8



#28

Fluoranthene

Concen: 0.020 ng

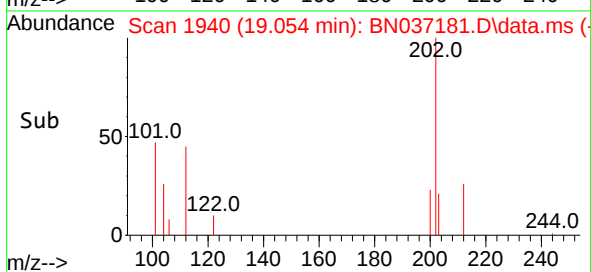
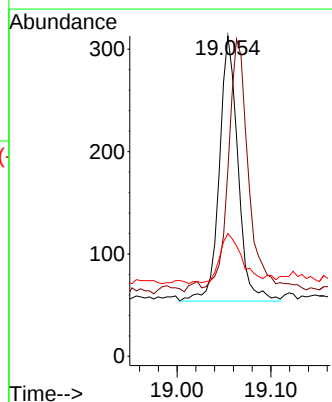
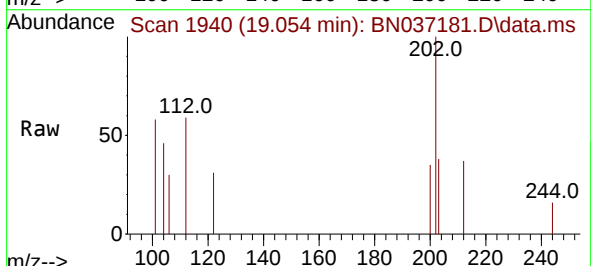
RT: 19.054 min Scan# 1940

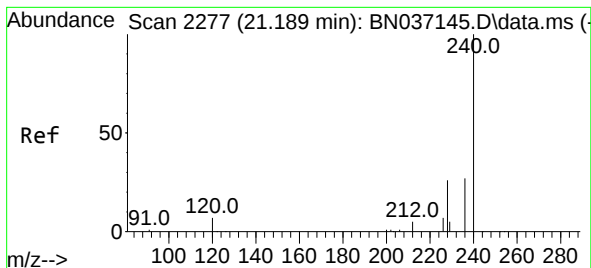
Delta R.T. -0.000 min

Lab File: BN037181.D

Acq: 05 Jun 2025 15:08

Tgt Ion:202	Resp:	356
Ion Ratio	Lower	Upper
202	100	
101	105.3	8.7 13.1#
203	21.6	13.5 20.3#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.189 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037181.D

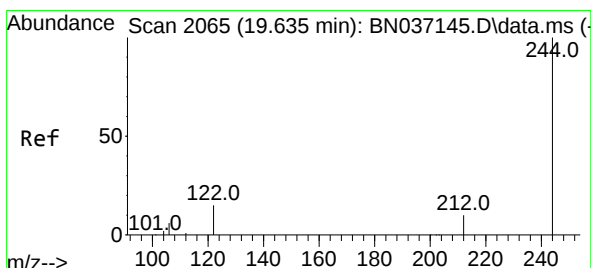
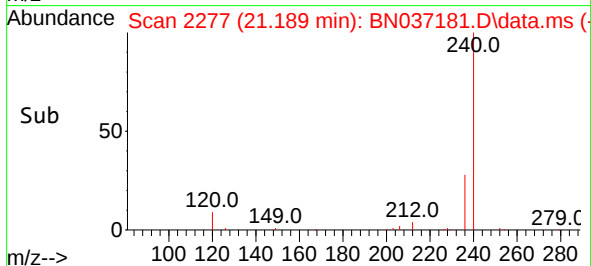
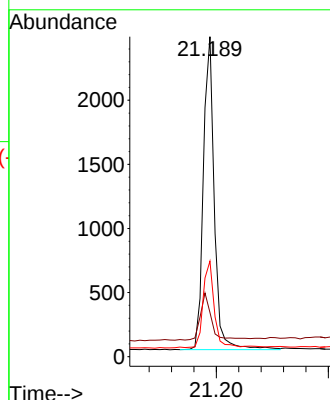
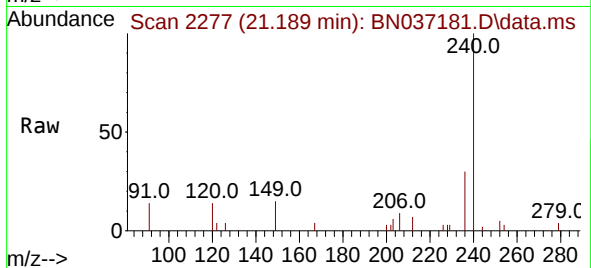
Acq: 05 Jun 2025 15:08

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:240	Resp:	3314
Ion Ratio	Lower	Upper
240	100	
120	13.8	9.0 13.4#
236	29.8	23.0 34.4



#31

Terphenyl-d14

Concen: 0.437 ng

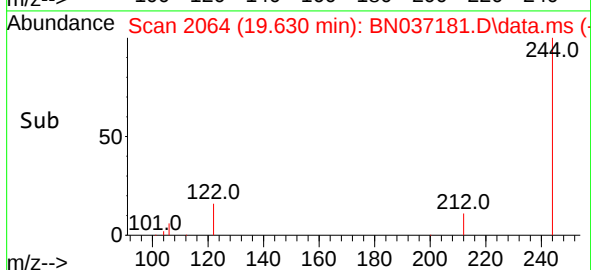
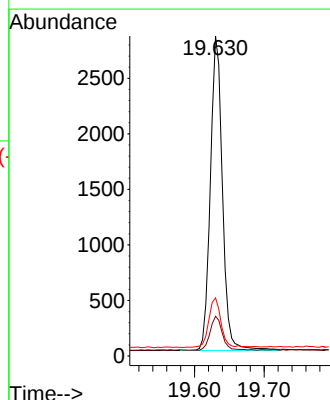
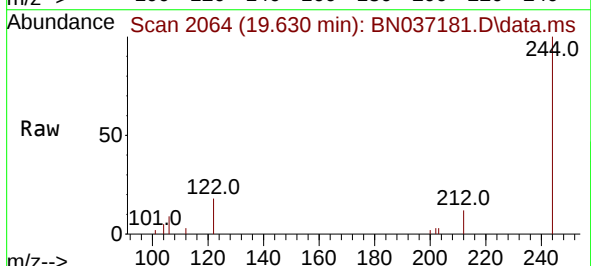
RT: 19.630 min Scan# 2064

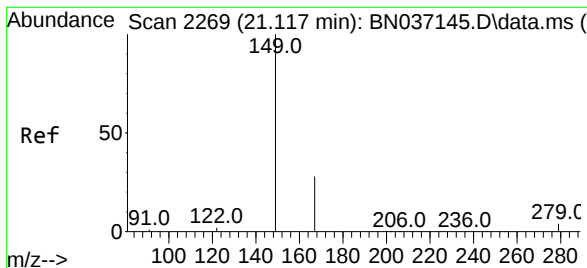
Delta R.T. -0.005 min

Lab File: BN037181.D

Acq: 05 Jun 2025 15:08

Tgt Ion:244	Resp:	3411
Ion Ratio	Lower	Upper
244	100	
212	12.4	10.0 15.0
122	18.2	13.2 19.8

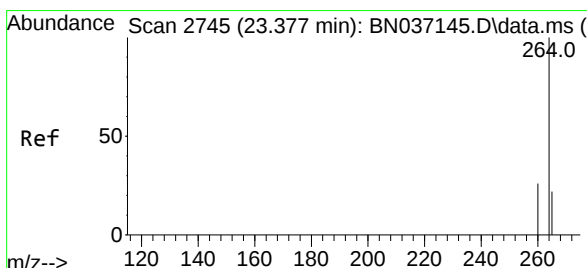
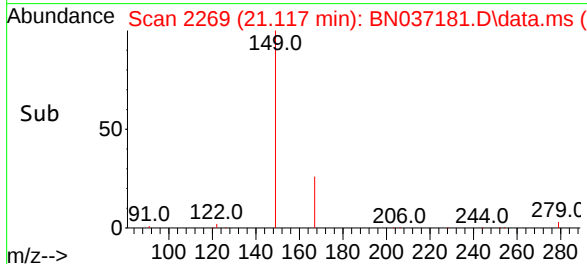
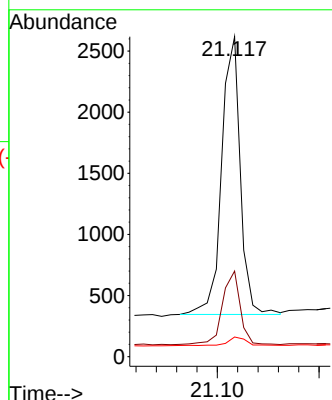
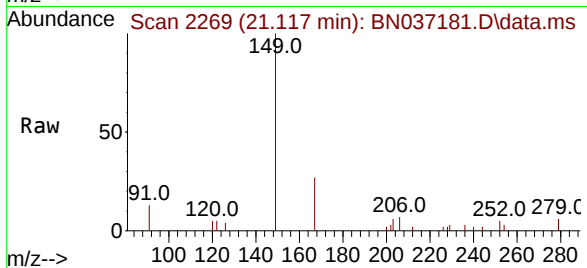




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.382 ng
 RT: 21.117 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BN037181.D
 Acq: 05 Jun 2025 15:08

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 2890
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.0 31.4
 279 2.9 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: BN037181.D
 Acq: 05 Jun 2025 15:08

Tgt Ion:264 Resp: 3148
 Ion Ratio Lower Upper
 264 100
 260 28.1 22.1 33.1
 265 76.8 55.8 83.8

