

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082025\
 Data File : BN037645.D
 Acq On : 21 Aug 2025 11:45
 Operator : RC/JU
 Sample : Q2885-01DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250814DL

Quant Time: Aug 22 08:23:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

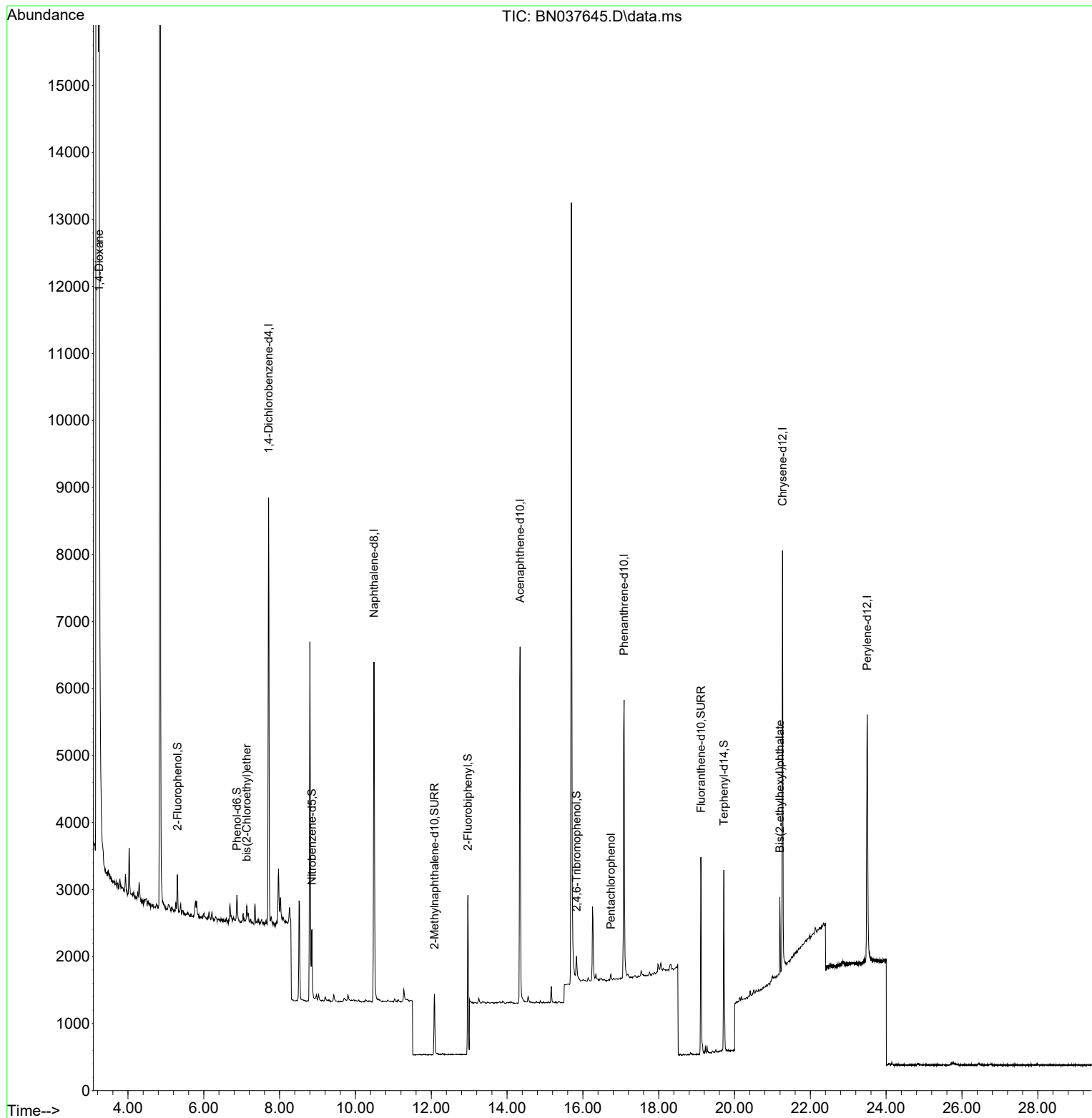
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	3001	0.400	ng	0.00
7) Naphthalene-d8	10.488	136	6896	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	3211	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	6869	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	5758	0.400	ng	0.00
35) Perylene-d12	23.499	264	5260	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	475	0.070	ng	0.00
5) Phenol-d6	6.872	99	336	0.041	ng	0.00
8) Nitrobenzene-d5	8.854	82	890	0.183	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	1310	0.140	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	252	0.179	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	3061	0.165	ng	0.00
27) Fluoranthene-d10	19.113	212	3349	0.185	ng	0.00
31) Terphenyl-d14	19.717	244	2597	0.219	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	8153	2.840	ng	Qvalue 97
6) bis(2-Chloroethyl)ether	7.132	93	159	0.022	ng	# 79
24) Pentachlorophenol	16.739	266	61	0.028	ng	95
34) Bis(2-ethylhexyl)phtha...	21.196	149	1017	0.128	ng	# 98

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

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RW5-SP100-20250814DL

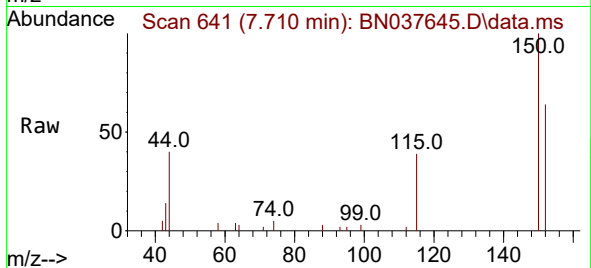
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



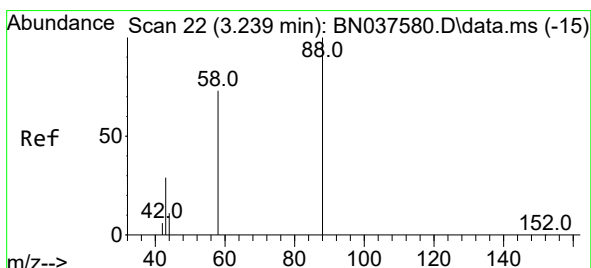
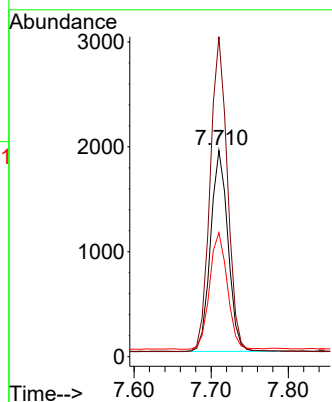
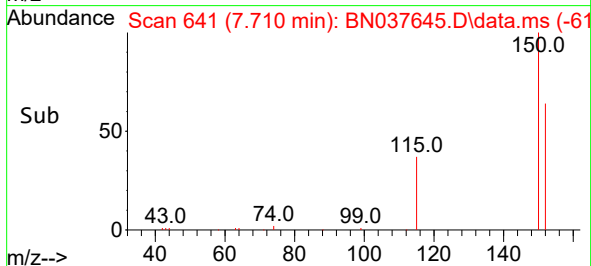


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037645.D
 Acq: 21 Aug 2025 11:45

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250814DL

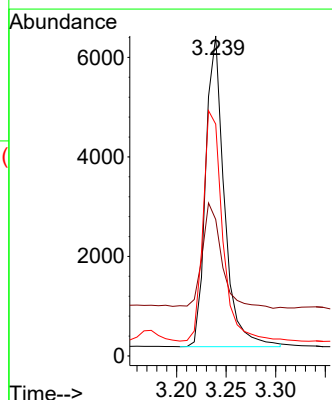
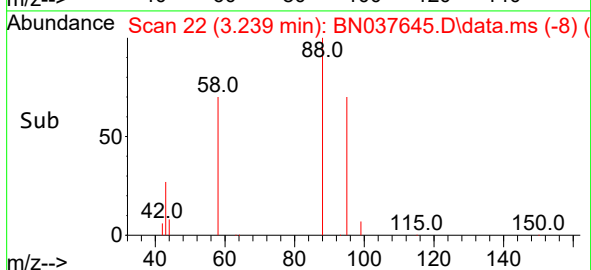
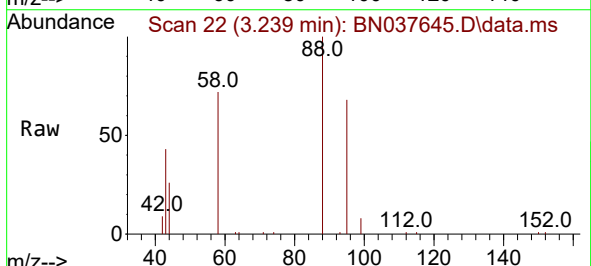


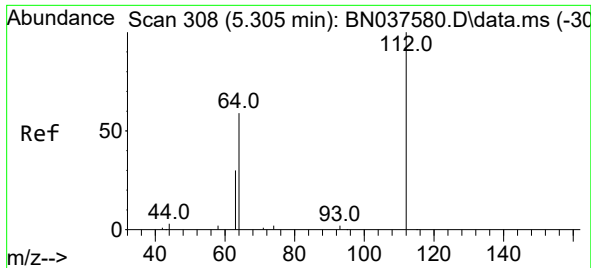
Tgt Ion: 152 Resp: 3001
 Ion Ratio Lower Upper
 152 100
 150 155.1 122.2 183.4
 115 60.1 49.8 74.6



#2
 1,4-Dioxane
 Concen: 2.840 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037645.D
 Acq: 21 Aug 2025 11:45

Tgt Ion: 88 Resp: 8153
 Ion Ratio Lower Upper
 88 100
 43 35.6 25.8 38.6
 58 77.6 61.2 91.8

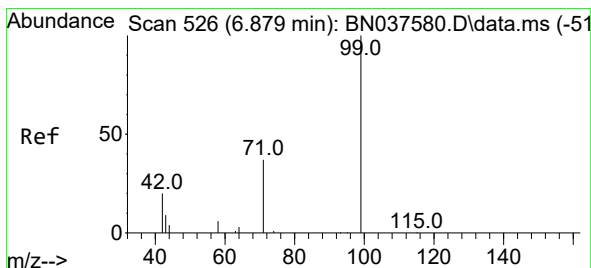
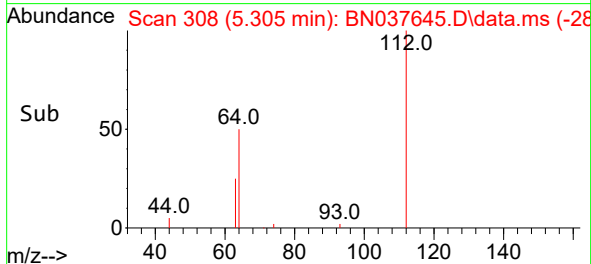
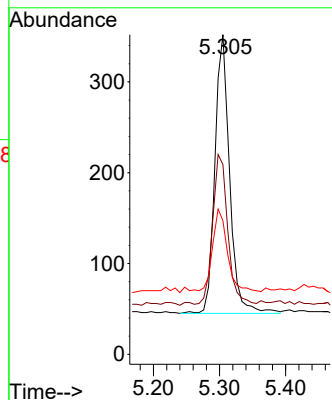
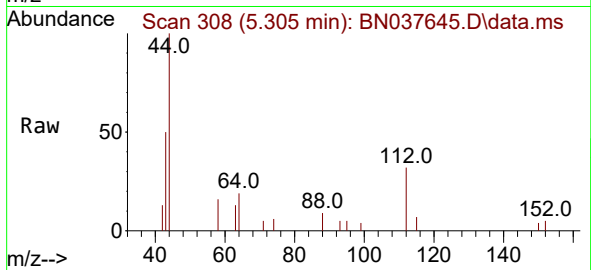




#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037645.D
Acq: 21 Aug 2025 11:45

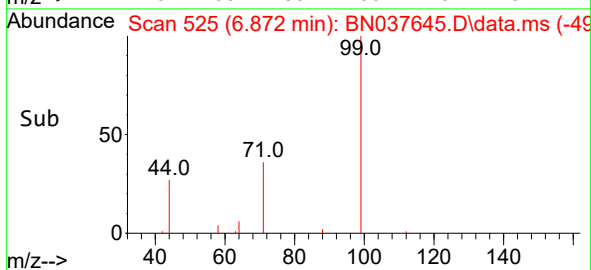
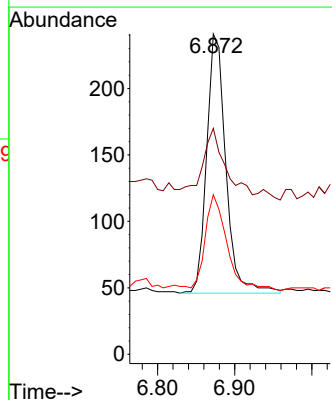
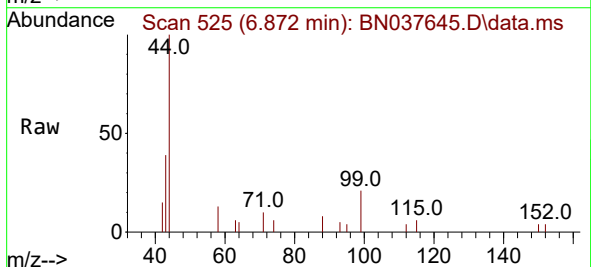
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250814DL

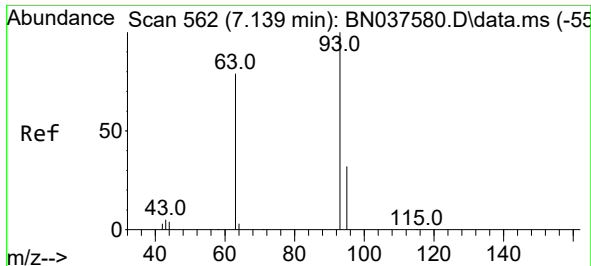
Tgt Ion:	112	Resp:	475
Ion	Ratio	Lower	Upper
112	100		
64	56.4	44.9	67.3
63	30.3	23.4	35.2



#5
Phenol-d6
Concen: 0.041 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.007 min
Lab File: BN037645.D
Acq: 21 Aug 2025 11:45

Tgt Ion:	99	Resp:	336
Ion	Ratio	Lower	Upper
99	100		
42	26.8	18.5	27.7
71	42.0	28.6	42.8

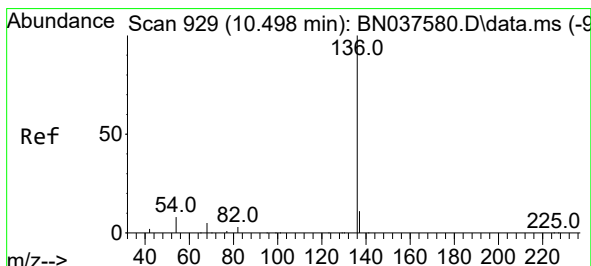
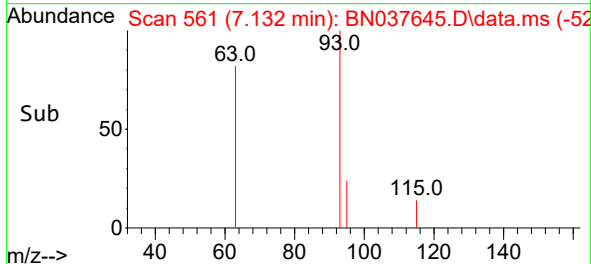
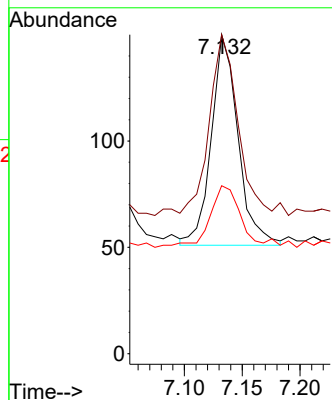
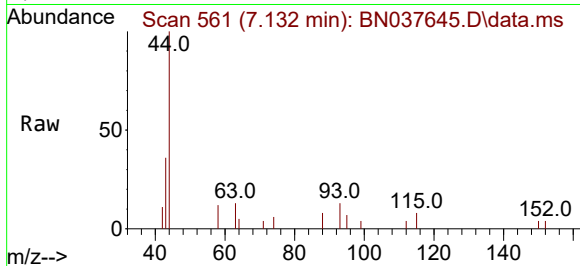




#6
bis(2-Chloroethyl)ether
Concen: 0.022 ng
RT: 7.132 min Scan# 561
Delta R.T. -0.007 min
Lab File: BN037645.D
Acq: 21 Aug 2025 11:45

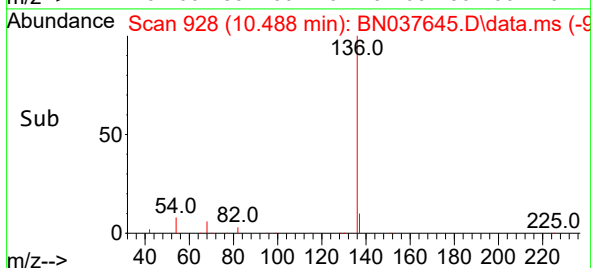
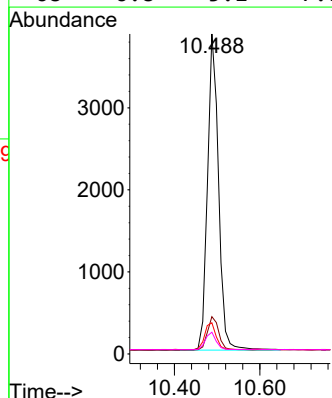
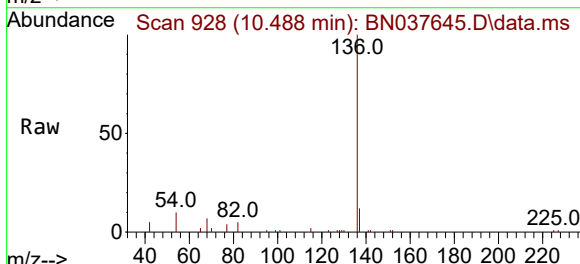
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250814DL

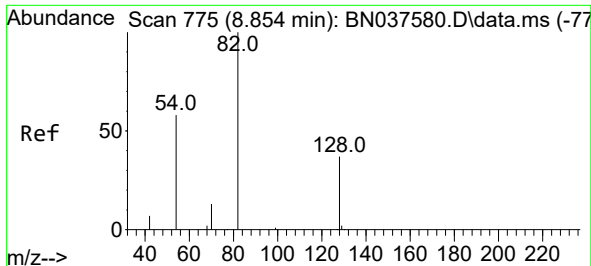
Tgt Ion: 93 Resp: 159
Ion Ratio Lower Upper
93 100
63 96.2 58.0 87.0#
95 32.7 24.9 37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 928
Delta R.T. -0.010 min
Lab File: BN037645.D
Acq: 21 Aug 2025 11:45

Tgt Ion:136 Resp: 6896
Ion Ratio Lower Upper
136 100
137 11.6 9.5 14.3
54 9.7 7.3 10.9
68 6.8 5.1 7.7

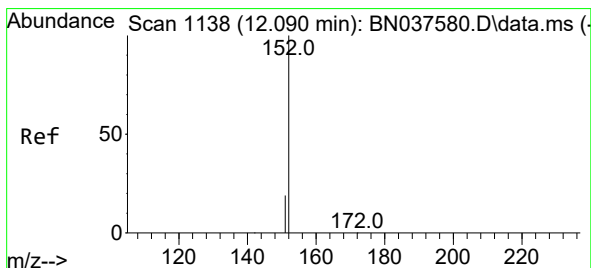
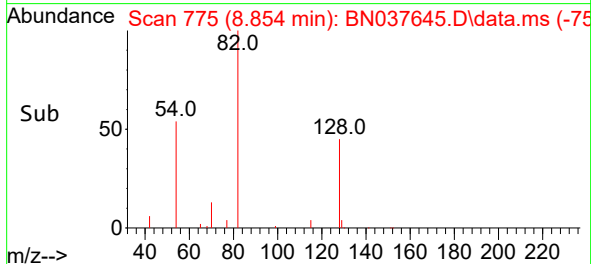
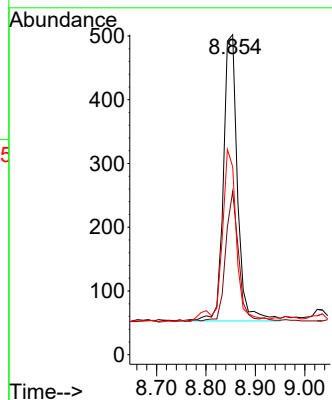
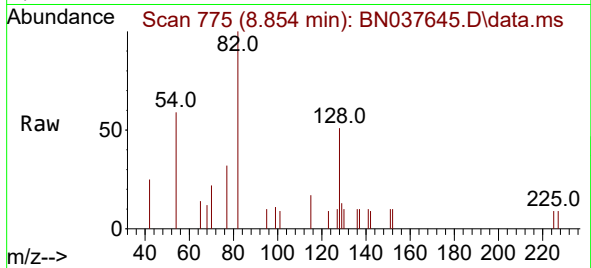




#8
Nitrobenzene-d5
Concen: 0.183 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN037645.D
Acq: 21 Aug 2025 11:45

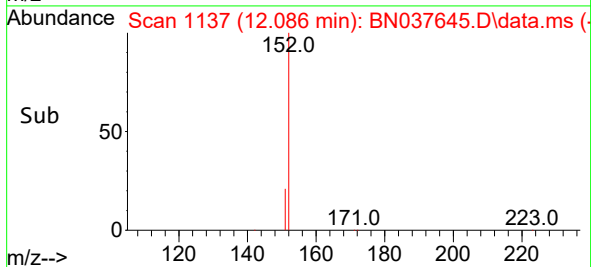
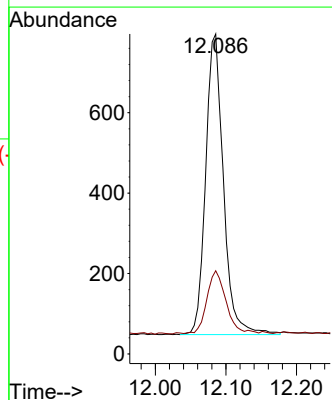
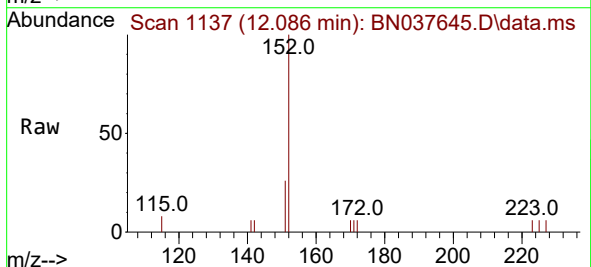
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250814DL

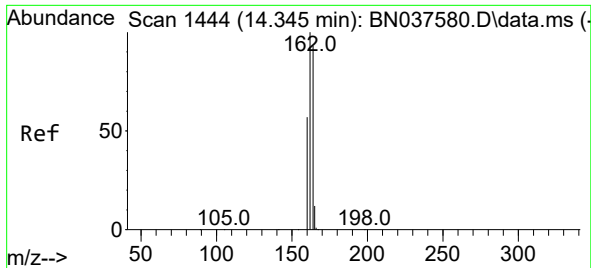
Tgt Ion: 82 Resp: 890
Ion Ratio Lower Upper
82 100
128 51.0 32.6 48.8#
54 58.8 48.9 73.3



#11
2-Methylnaphthalene-d10
Concen: 0.140 ng
RT: 12.086 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037645.D
Acq: 21 Aug 2025 11:45

Tgt Ion:152 Resp: 1310
Ion Ratio Lower Upper
152 100
151 22.1 17.3 25.9

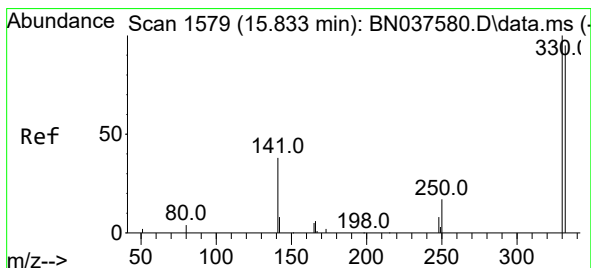
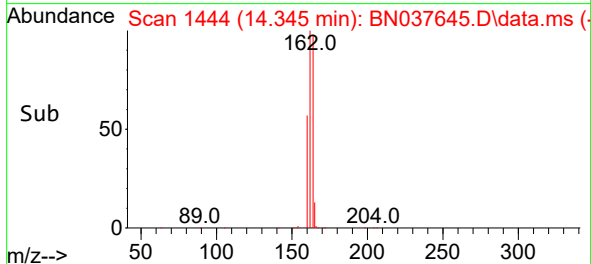
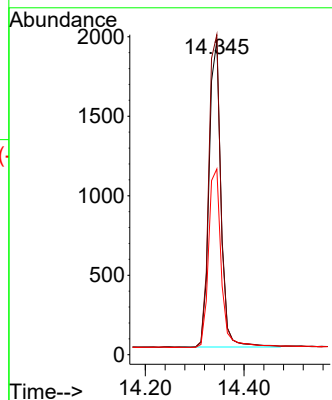
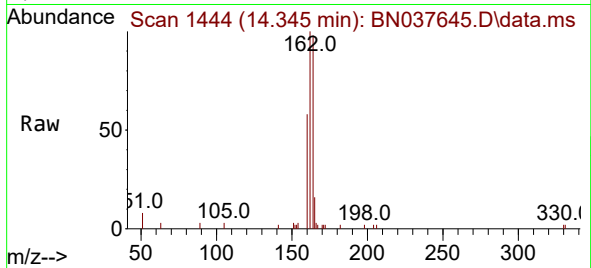




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037645.D
Acq: 21 Aug 2025 11:45

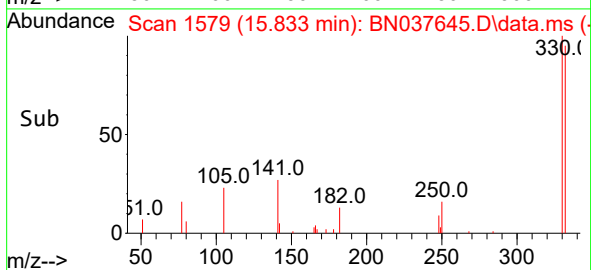
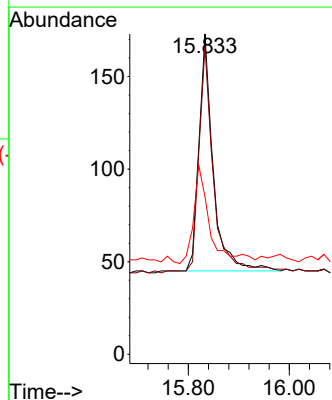
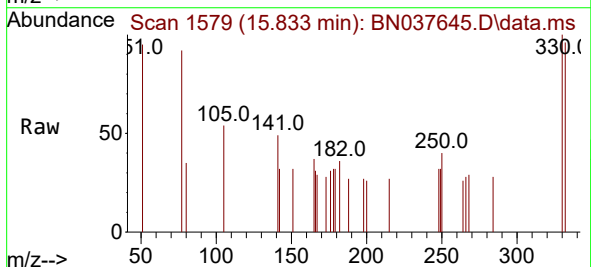
Instrument :
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ClientSampleId :
RW5-SP100-20250814DL

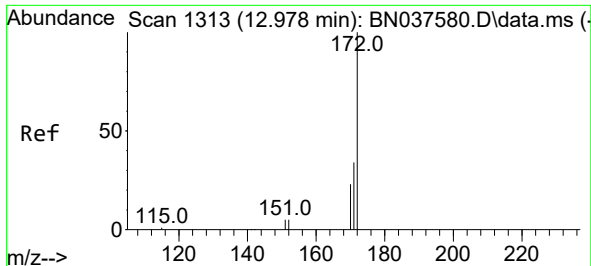
Tgt Ion:164 Resp: 3211
Ion Ratio Lower Upper
164 100
162 101.9 85.5 128.3
160 59.2 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037645.D
Acq: 21 Aug 2025 11:45

Tgt Ion:330 Resp: 252
Ion Ratio Lower Upper
330 100
332 98.8 77.4 116.0
141 46.8 30.9 46.3

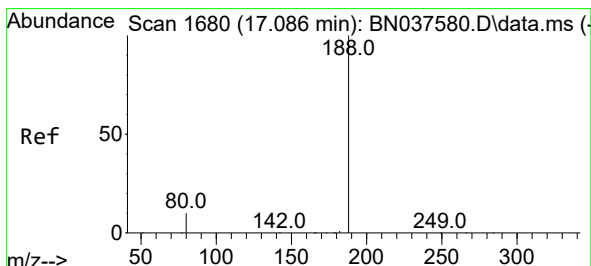
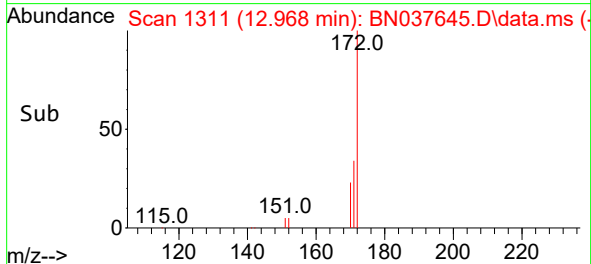
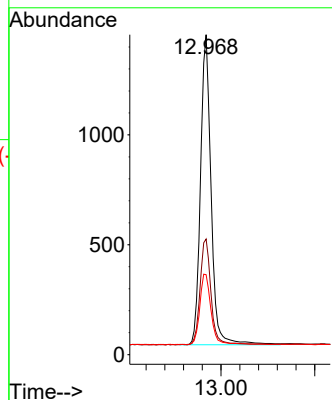
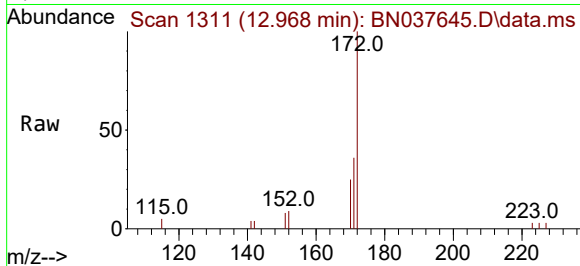




#15
2-Fluorobiphenyl
Concen: 0.165 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037645.D
Acq: 21 Aug 2025 11:45

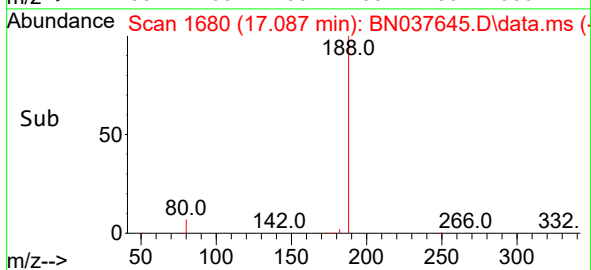
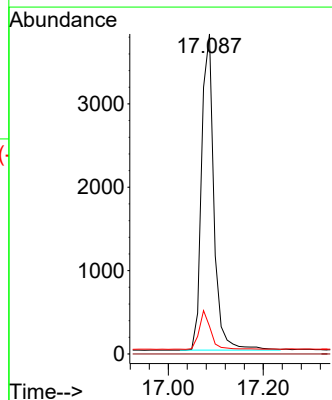
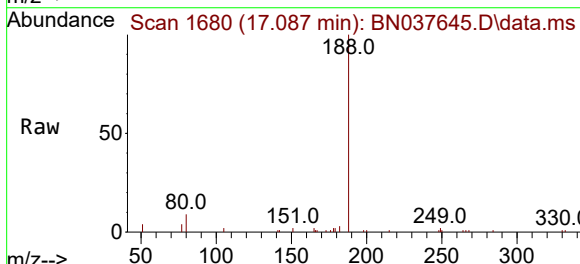
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RW5-SP100-20250814DL

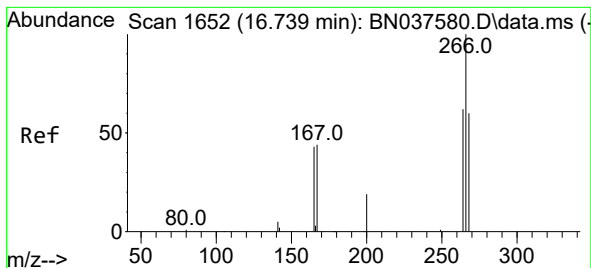
Tgt Ion:172 Resp: 3061
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.4
170 25.0 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037645.D
Acq: 21 Aug 2025 11:45

Tgt Ion:188 Resp: 6869
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 9.1 13.7#





#24

Pentachlorophenol

Concen: 0.028 ng

RT: 16.739 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037645.D

Acq: 21 Aug 2025 11:45

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250814DL

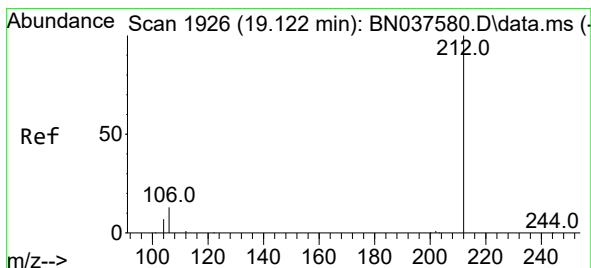
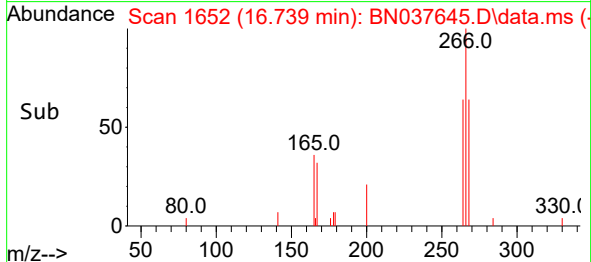
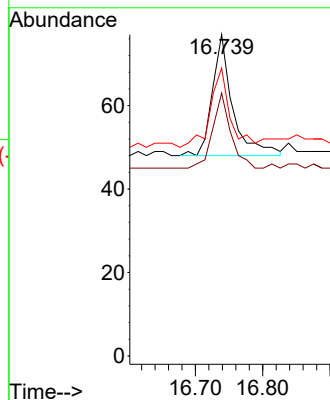
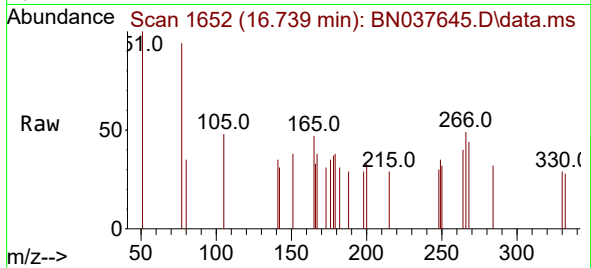
Tgt Ion:266 Resp: 61

Ion Ratio Lower Upper

266 100

264 55.7 49.6 74.4

268 62.3 49.2 73.8



#27

Fluoranthene-d10

Concen: 0.185 ng

RT: 19.113 min Scan# 1924

Delta R.T. -0.009 min

Lab File: BN037645.D

Acq: 21 Aug 2025 11:45

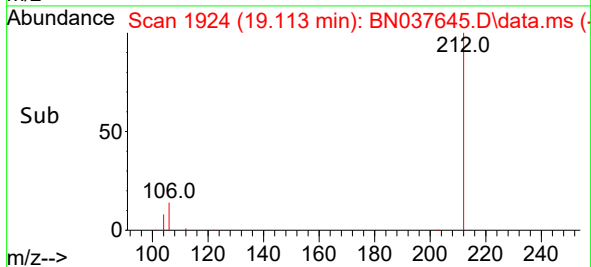
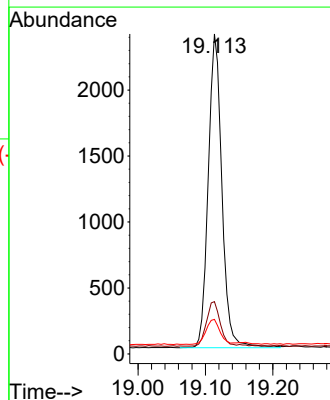
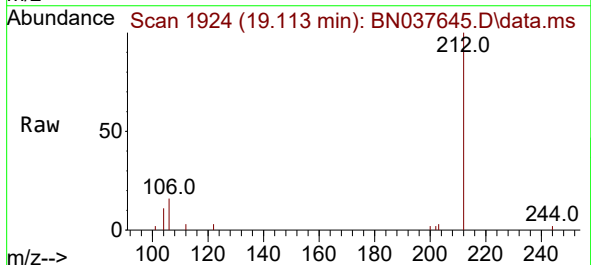
Tgt Ion:212 Resp: 3349

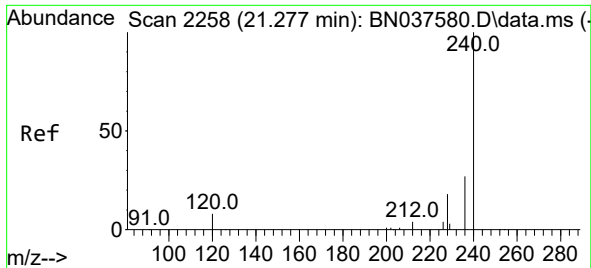
Ion Ratio Lower Upper

212 100

106 14.2 11.5 17.3

104 8.3 6.6 9.8

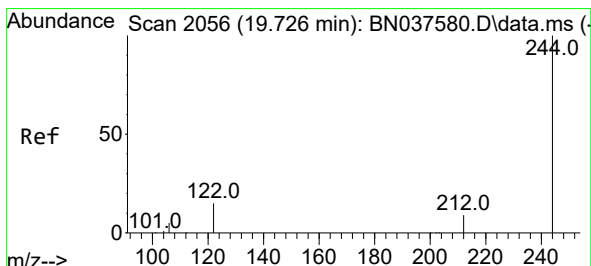
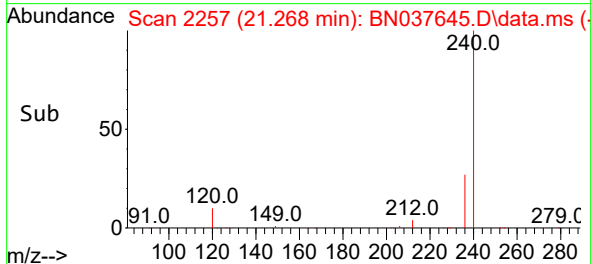
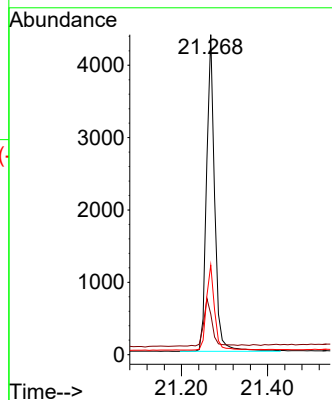
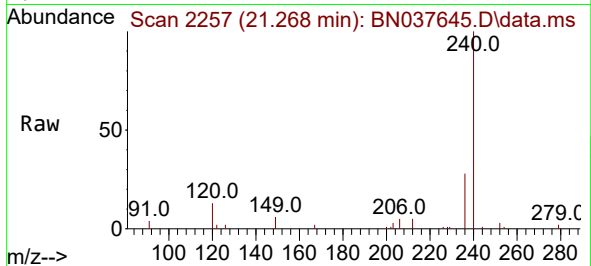




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037645.D
Acq: 21 Aug 2025 11:45

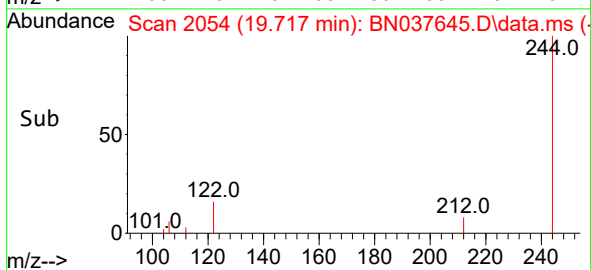
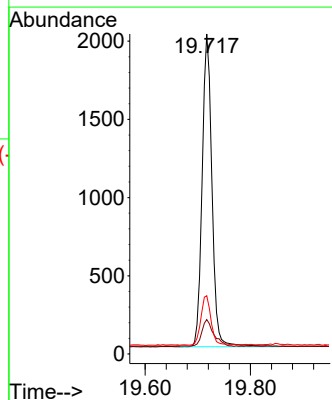
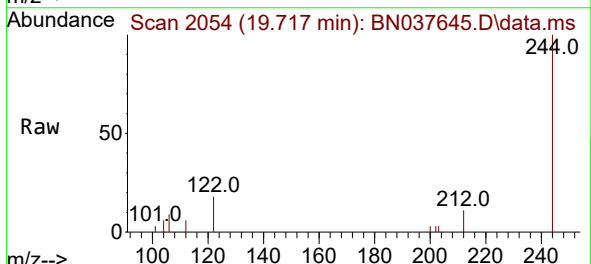
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250814DL

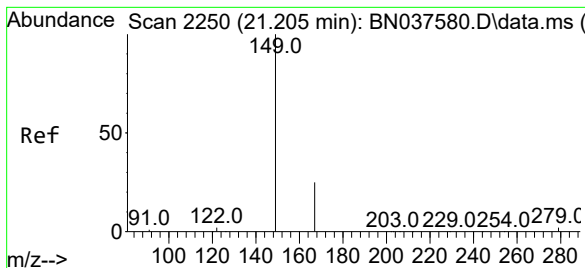
Tgt Ion:240 Resp: 5758
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 28.0 22.6 33.8



#31
Terphenyl-d14
Concen: 0.219 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.009 min
Lab File: BN037645.D
Acq: 21 Aug 2025 11:45

Tgt Ion:244 Resp: 2597
Ion Ratio Lower Upper
244 100
212 10.8 8.2 12.2
122 18.2 13.2 19.8

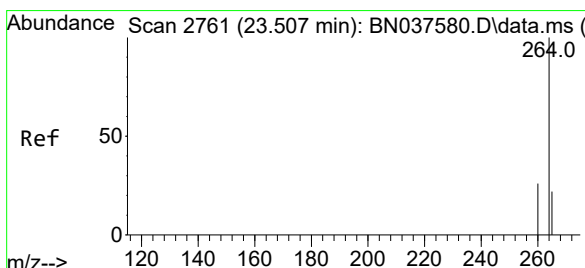
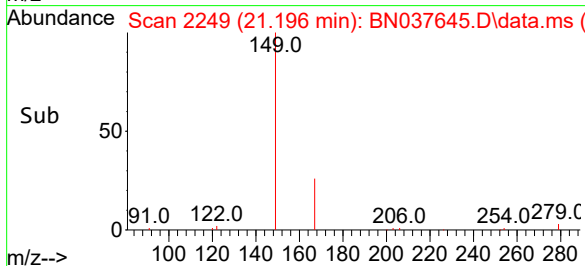
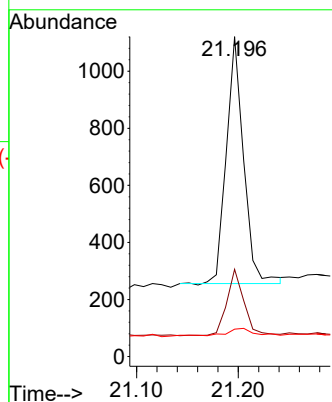
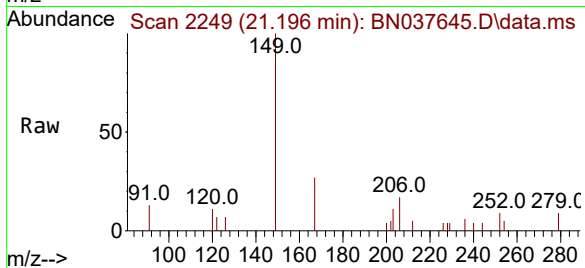




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.128 ng
 RT: 21.196 min Scan# 2117
 Delta R.T. -0.009 min
 Lab File: BN037645.D
 Acq: 21 Aug 2025 11:45

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250814DL

Tgt Ion:149 Resp: 1017
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.5 30.7
 279 4.3 2.6 4.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.499 min Scan# 2758
 Delta R.T. -0.009 min
 Lab File: BN037645.D
 Acq: 21 Aug 2025 11:45

Tgt Ion:264 Resp: 5260
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.6 32.4
 265 66.3 48.2 72.4

