

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037414.D
 Acq On : 27 Jun 2025 04:18
 Operator : RC/JU
 Sample : Q2375-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250619

Quant Time: Jun 27 05:26:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 26 16:06:33 2025
 Response via : Initial Calibration

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

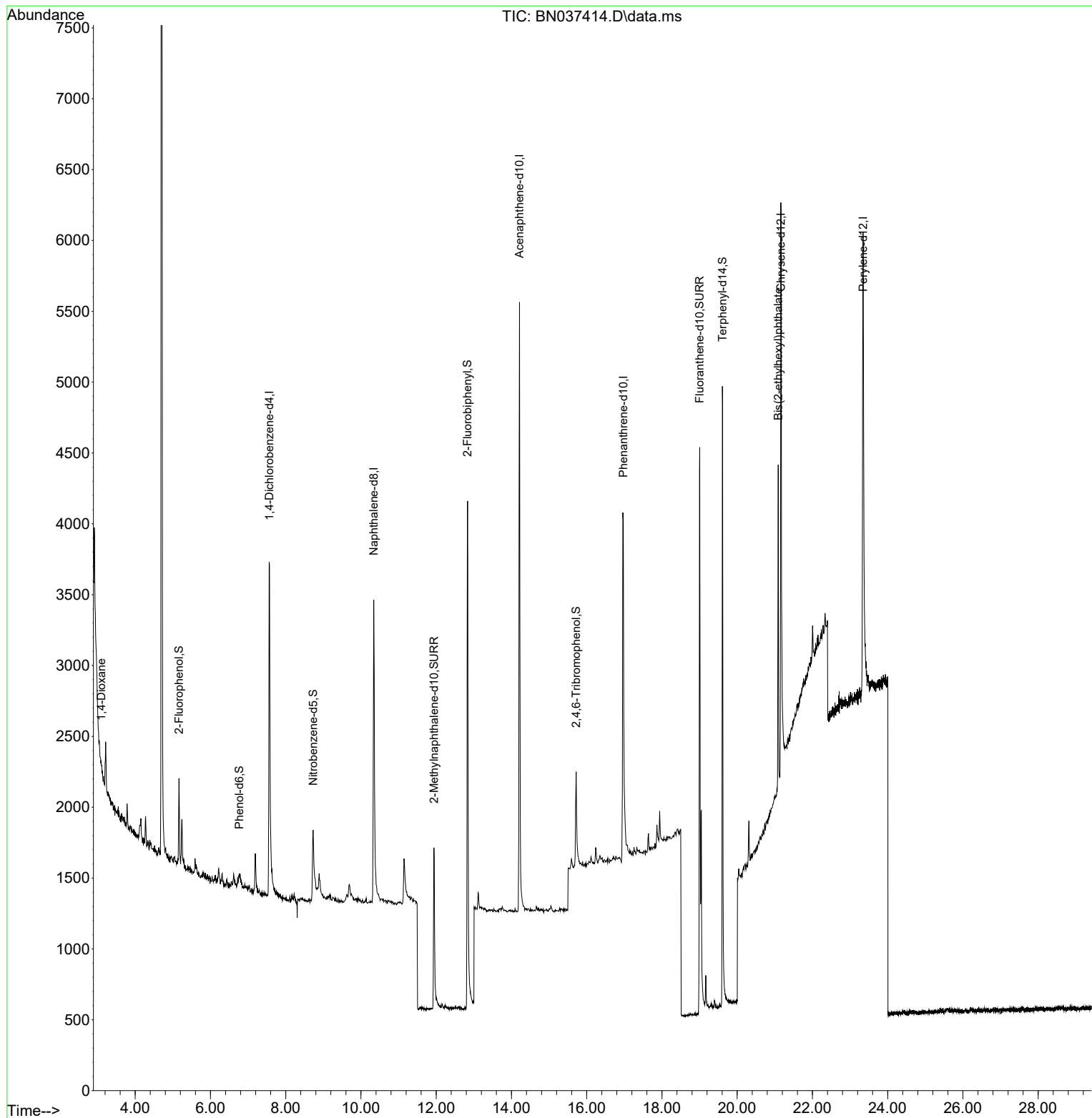
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.568	152	1773	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3842	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2717	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	5443	0.400	ng	0.01
29) Chrysene-d12	21.162	240	5375	0.400	ng	# 0.00
35) Perylene-d12	23.345	264	5619	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	514	0.150	ng	0.00
5) Phenol-d6	6.766	99	219	0.062	ng	0.02
8) Nitrobenzene-d5	8.728	82	872	0.283	ng	0.01
11) 2-Methylnaphthalene-d10	11.940	152	2100	0.353	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	582	0.365	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	4145	0.353	ng	0.00
27) Fluoranthene-d10	19.003	212	6108	0.392	ng	0.00
31) Terphenyl-d14	19.607	244	5311	0.463	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.097	88	64	0.038	ng	# 48
34) Bis(2-ethylhexyl)phtha...	21.090	149	1863	0.279	ng	100

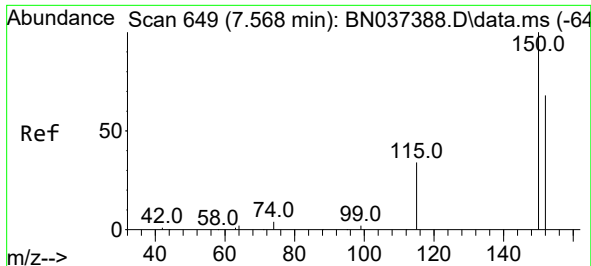
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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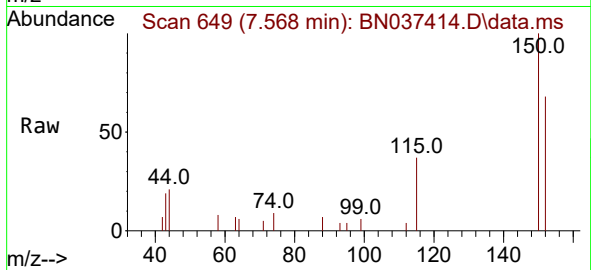
Quant Time: Jun 27 05:26:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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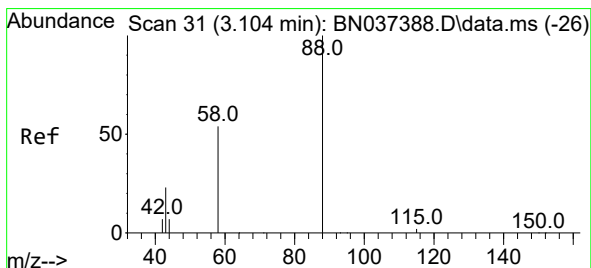
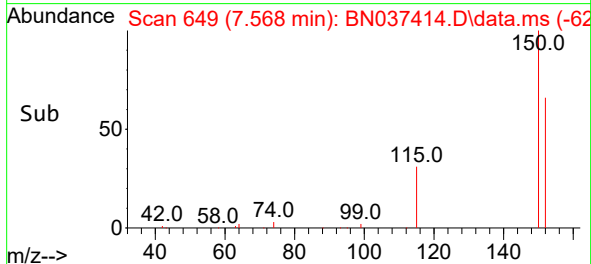
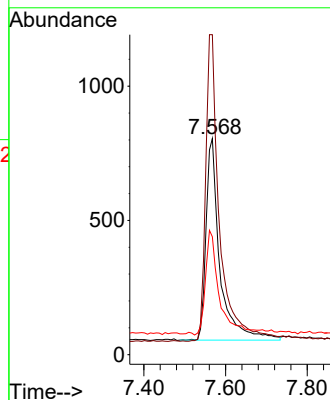


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.568 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN037414.D
 Acq: 27 Jun 2025 04:18

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250619

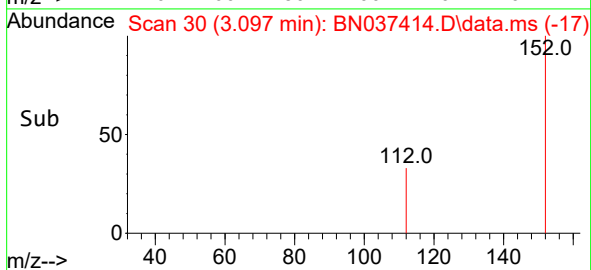
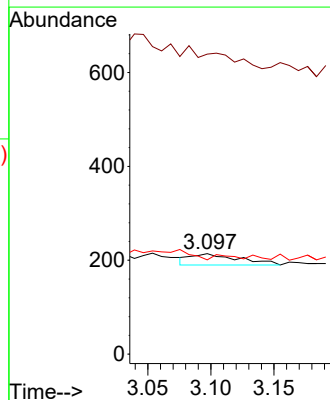
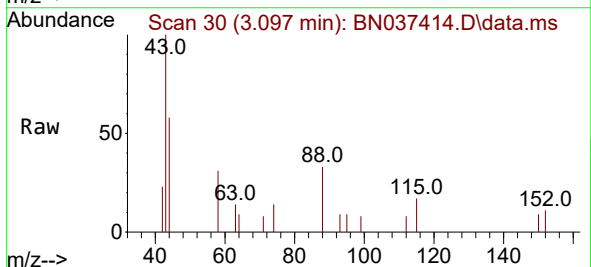


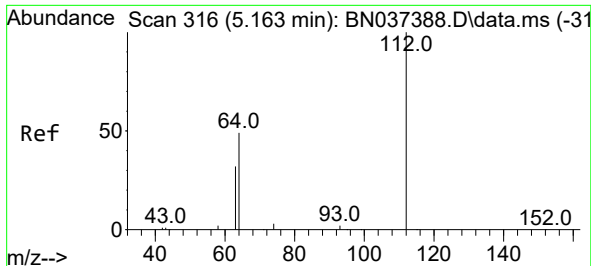
Tgt Ion:152 Resp: 1773
 Ion Ratio Lower Upper
 152 100
 150 148.1 116.2 174.2
 115 54.5 42.9 64.3



#2
 1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037414.D
 Acq: 27 Jun 2025 04:18

Tgt Ion: 88 Resp: 64
 Ion Ratio Lower Upper
 88 100
 43 0.0 21.6 32.4#
 58 18.8 45.9 68.9#





#4

2-Fluorophenol

Concen: 0.150 ng

RT: 5.163 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN037414.D

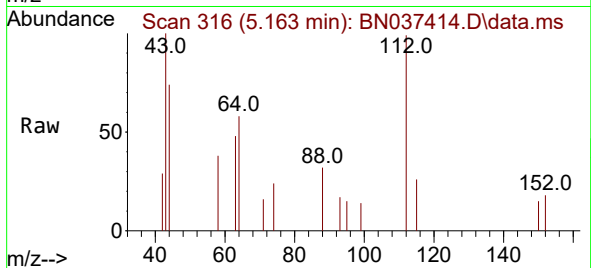
Acq: 27 Jun 2025 04:18

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-20250619



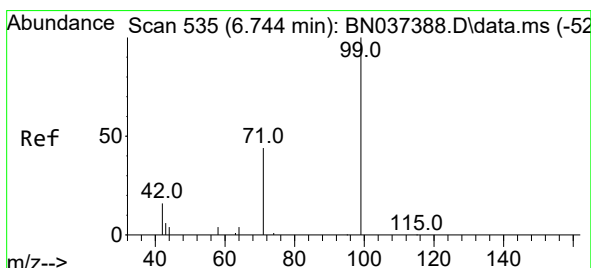
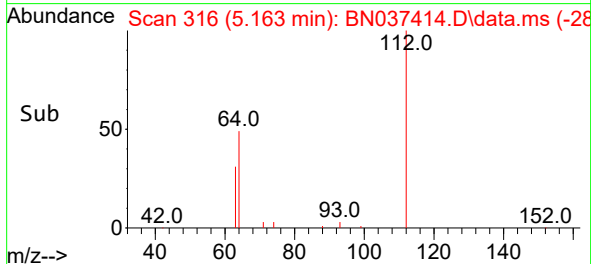
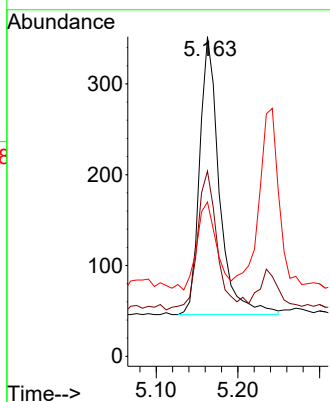
Tgt Ion:112 Resp: 514

Ion Ratio Lower Upper

112 100

64 48.8 40.3 60.5

63 30.0 26.1 39.1



#5

Phenol-d6

Concen: 0.062 ng

RT: 6.766 min Scan# 538

Delta R.T. 0.022 min

Lab File: BN037414.D

Acq: 27 Jun 2025 04:18

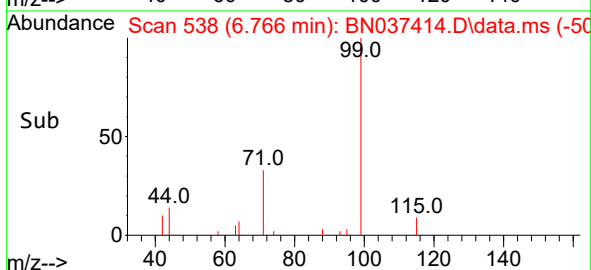
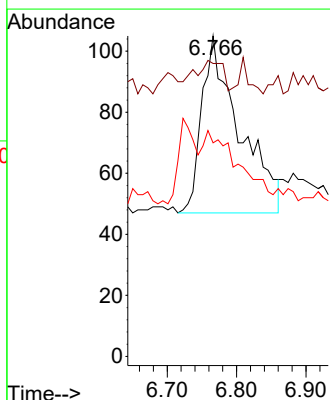
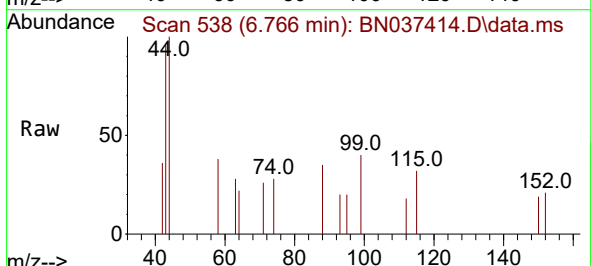
Tgt Ion: 99 Resp: 219

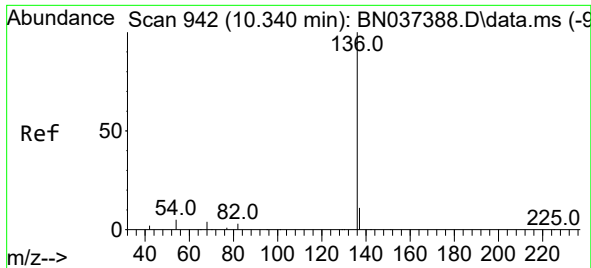
Ion Ratio Lower Upper

99 100

42 10.5 15.6 23.4#

71 0.0 35.8 53.8#

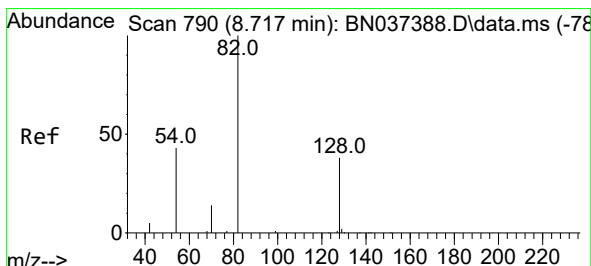
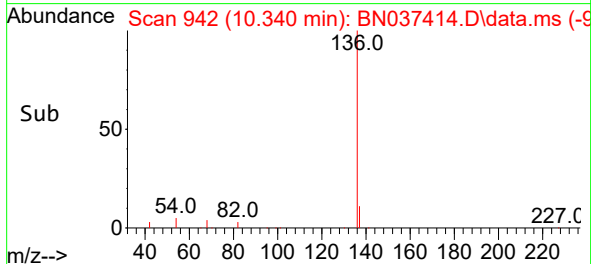
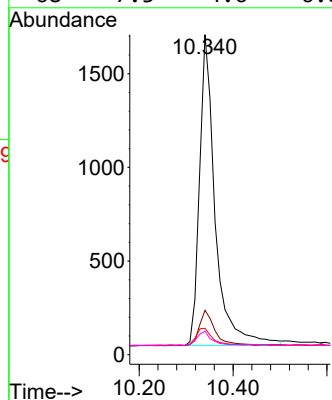
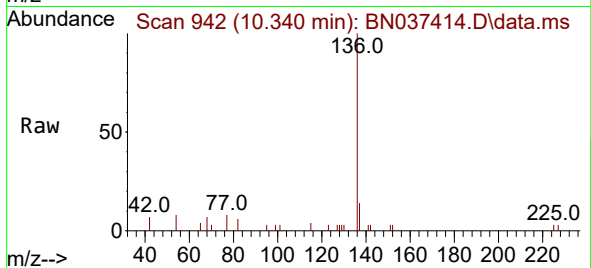




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN037414.D
Acq: 27 Jun 2025 04:18

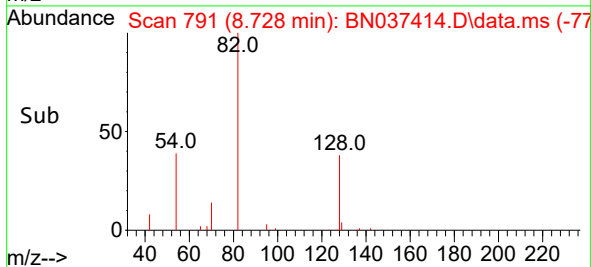
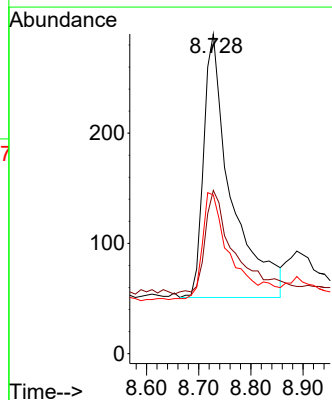
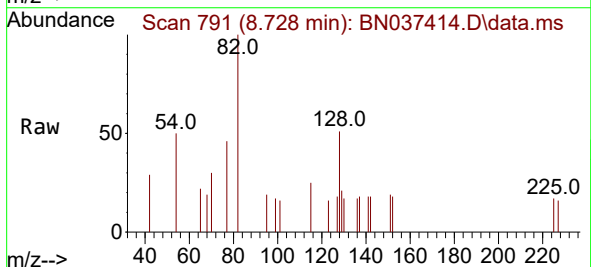
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250619

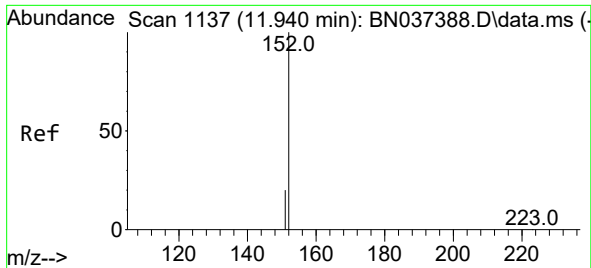
Tgt Ion:	136	Resp:	3842
Ion	Ratio	Lower	Upper
136	100		
137	13.9	10.4	15.6
54	8.3	5.6	8.4
68	7.3	4.6	6.8



#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN037414.D
Acq: 27 Jun 2025 04:18

Tgt Ion:	82	Resp:	872
Ion	Ratio	Lower	Upper
82	100		
128	51.0	34.0	51.0
54	49.7	37.7	56.5

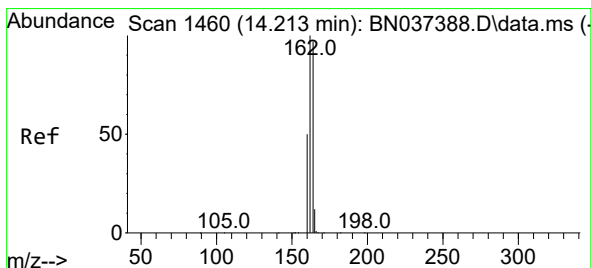
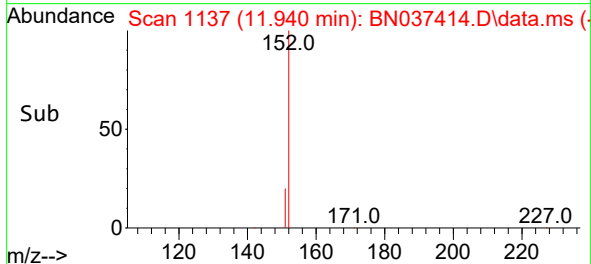
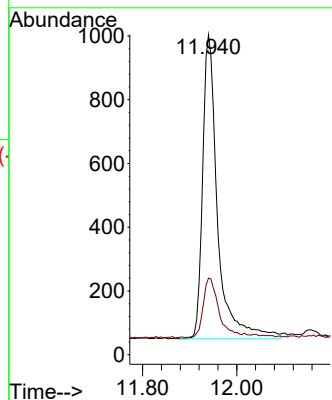
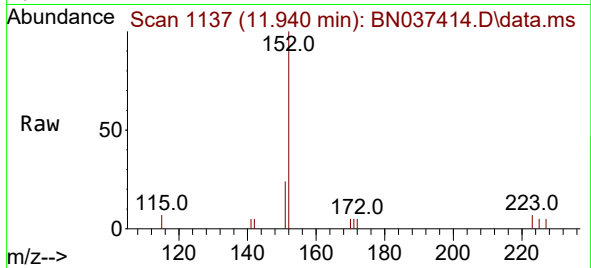




#11
2-Methylnaphthalene-d10
Concen: 0.353 ng
RT: 11.940 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BN037414.D
Acq: 27 Jun 2025 04:18

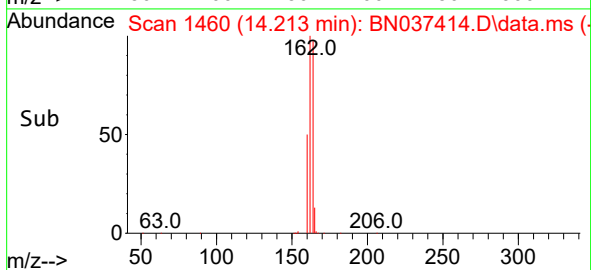
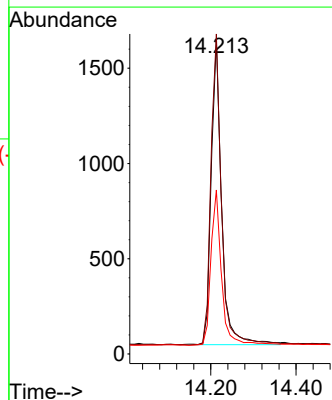
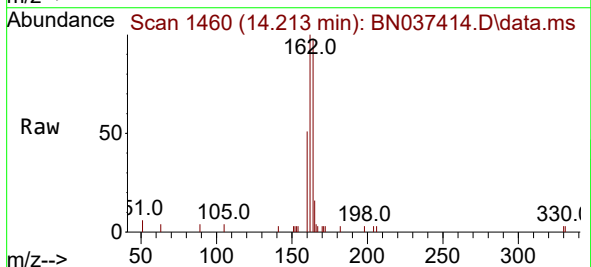
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250619

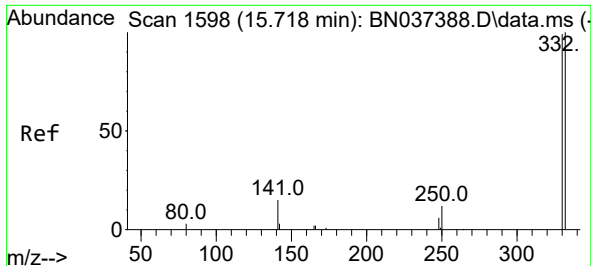
Tgt Ion:152 Resp: 2100
Ion Ratio Lower Upper
152 100
151 20.3 18.4 27.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN037414.D
Acq: 27 Jun 2025 04:18

Tgt Ion:164 Resp: 2717
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 52.2 42.2 63.2

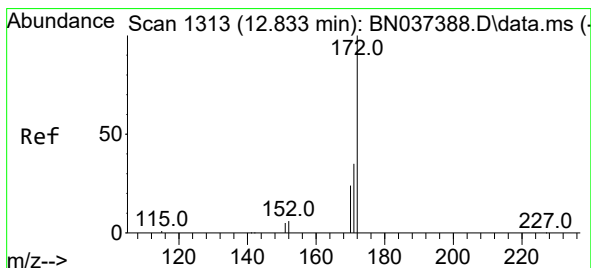
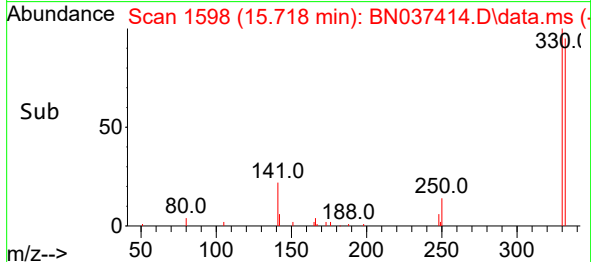
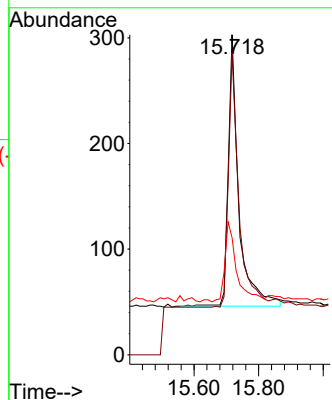
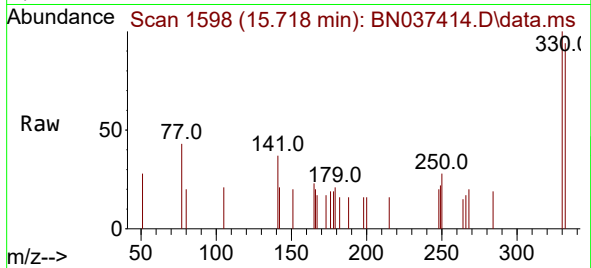




#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037414.D
Acq: 27 Jun 2025 04:18

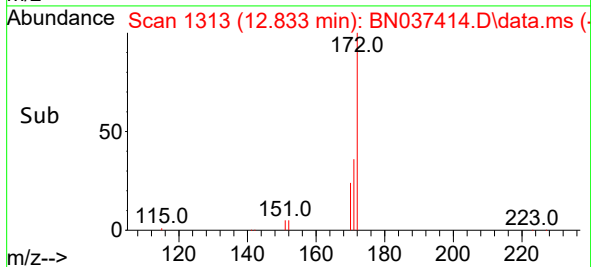
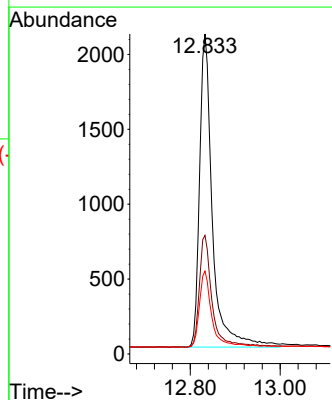
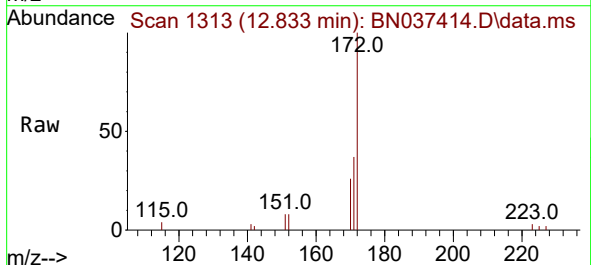
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BNA_N
ClientSampleId :
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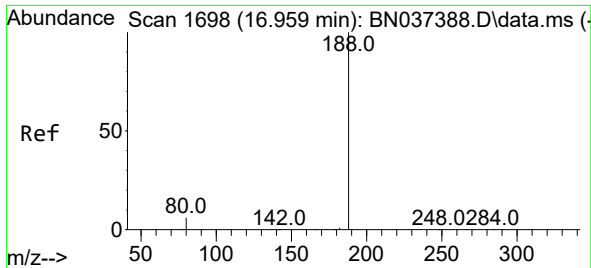
Tgt Ion:330 Resp: 582
Ion Ratio Lower Upper
330 100
332 93.1 77.8 116.8
141 33.2 24.0 36.0



#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.833 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN037414.D
Acq: 27 Jun 2025 04:18

Tgt Ion:172 Resp: 4145
Ion Ratio Lower Upper
172 100
171 37.1 28.8 43.2
170 25.9 20.3 30.5

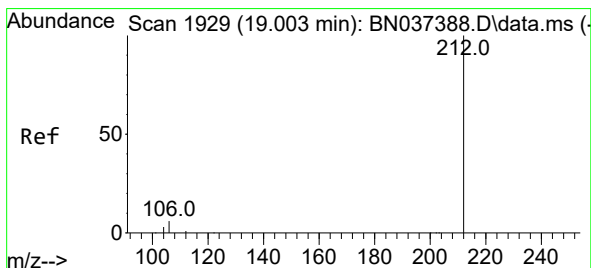
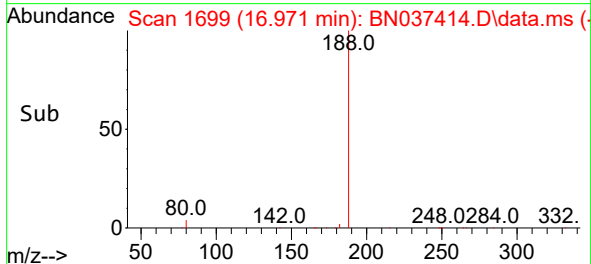
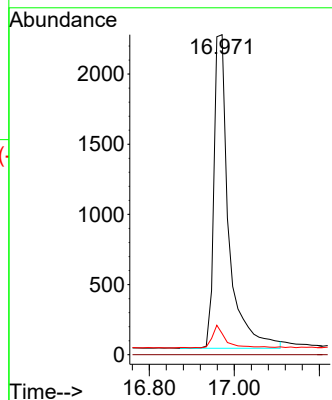
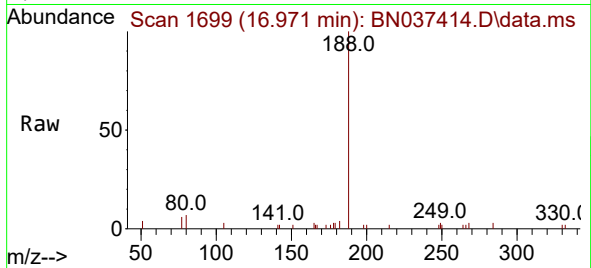




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN037414.D
Acq: 27 Jun 2025 04:18

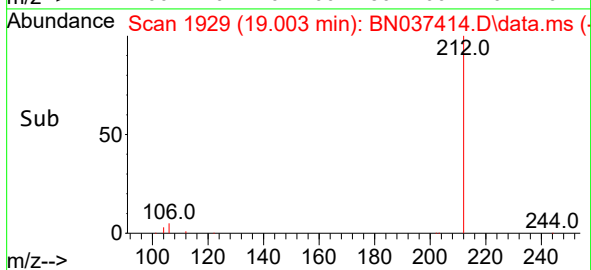
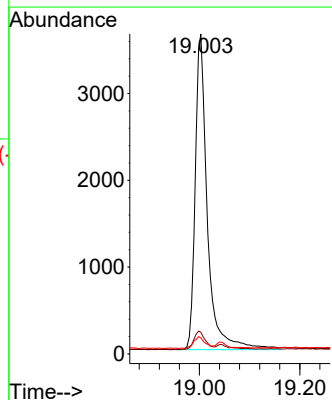
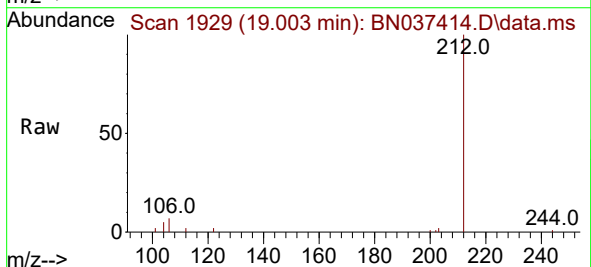
Instrument :
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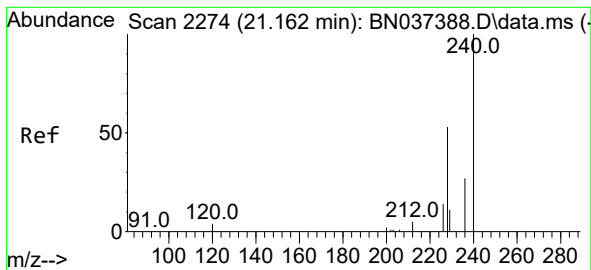
Tgt Ion:188 Resp: 5443
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 6.2 9.4



#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.003 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BN037414.D
Acq: 27 Jun 2025 04:18

Tgt Ion:212 Resp: 6108
Ion Ratio Lower Upper
212 100
106 5.4 4.5 6.7
104 3.4 2.7 4.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.162 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037414.D

Acq: 27 Jun 2025 04:18

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-20250619

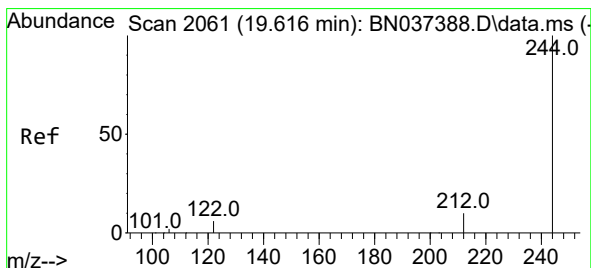
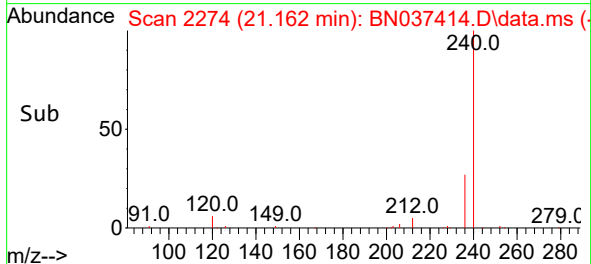
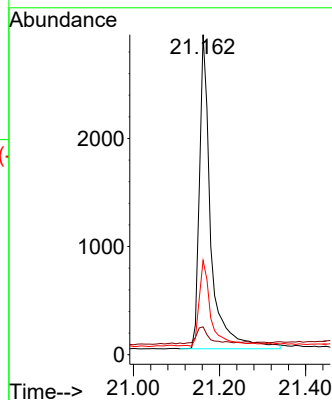
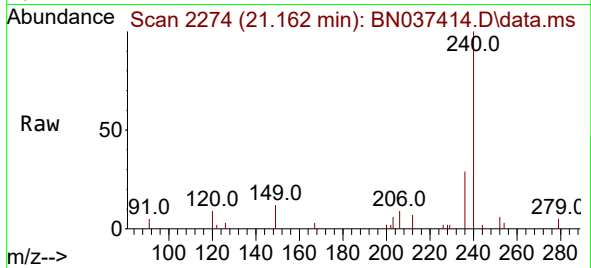
Tgt Ion:240 Resp: 5375

Ion Ratio Lower Upper

240 100

120 8.7 5.3 7.9#

236 29.4 22.7 34.1



#31

Terphenyl-d14

Concen: 0.463 ng

RT: 19.607 min Scan# 2059

Delta R.T. -0.009 min

Lab File: BN037414.D

Acq: 27 Jun 2025 04:18

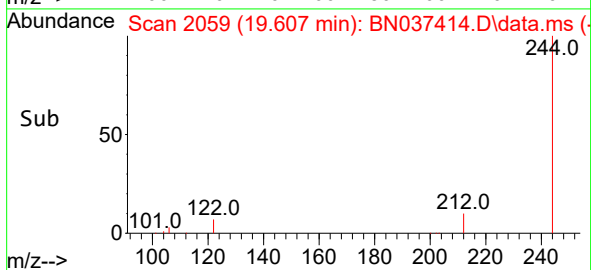
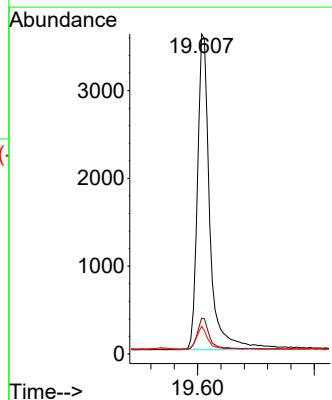
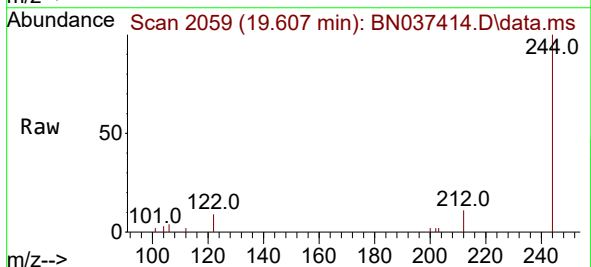
Tgt Ion:244 Resp: 5311

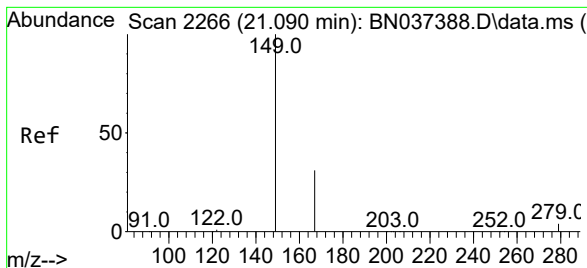
Ion Ratio Lower Upper

244 100

212 11.2 9.1 13.7

122 8.6 6.3 9.5

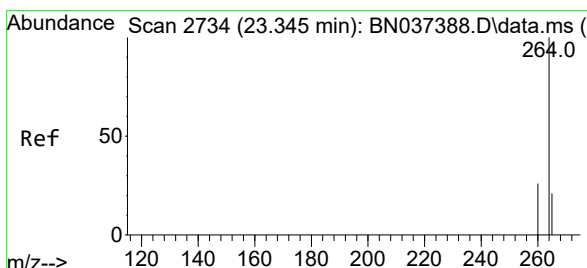
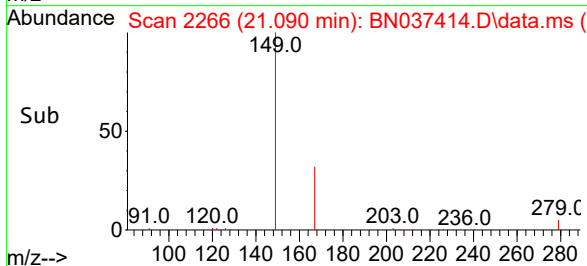
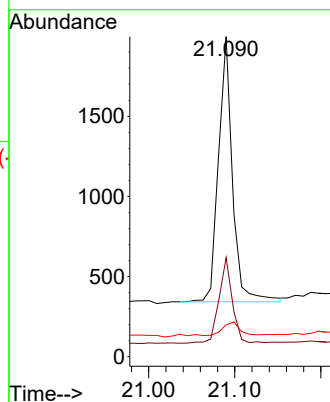
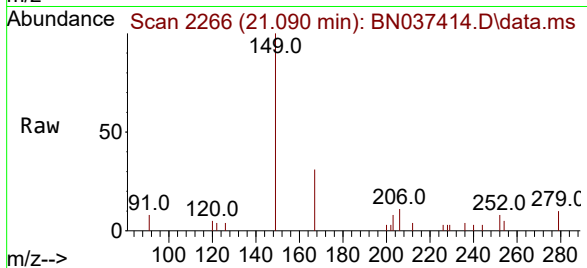




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.279 ng
RT: 21.090 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN037414.D
Acq: 27 Jun 2025 04:18

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250619

Tgt Ion:149 Resp: 1863
Ion Ratio Lower Upper
149 100
167 30.8 24.8 37.2
279 6.3 5.0 7.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.345 min Scan# 2734
Delta R.T. -0.000 min
Lab File: BN037414.D
Acq: 27 Jun 2025 04:18

Tgt Ion:264 Resp: 5619
Ion Ratio Lower Upper
264 100
260 27.5 21.4 32.0
265 93.9 56.2 84.4#

