

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037413.D
 Acq On : 27 Jun 2025 03:41
 Operator : RC/JU
 Sample : Q2375-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250619

Quant Time: Jun 27 04:38:21 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)

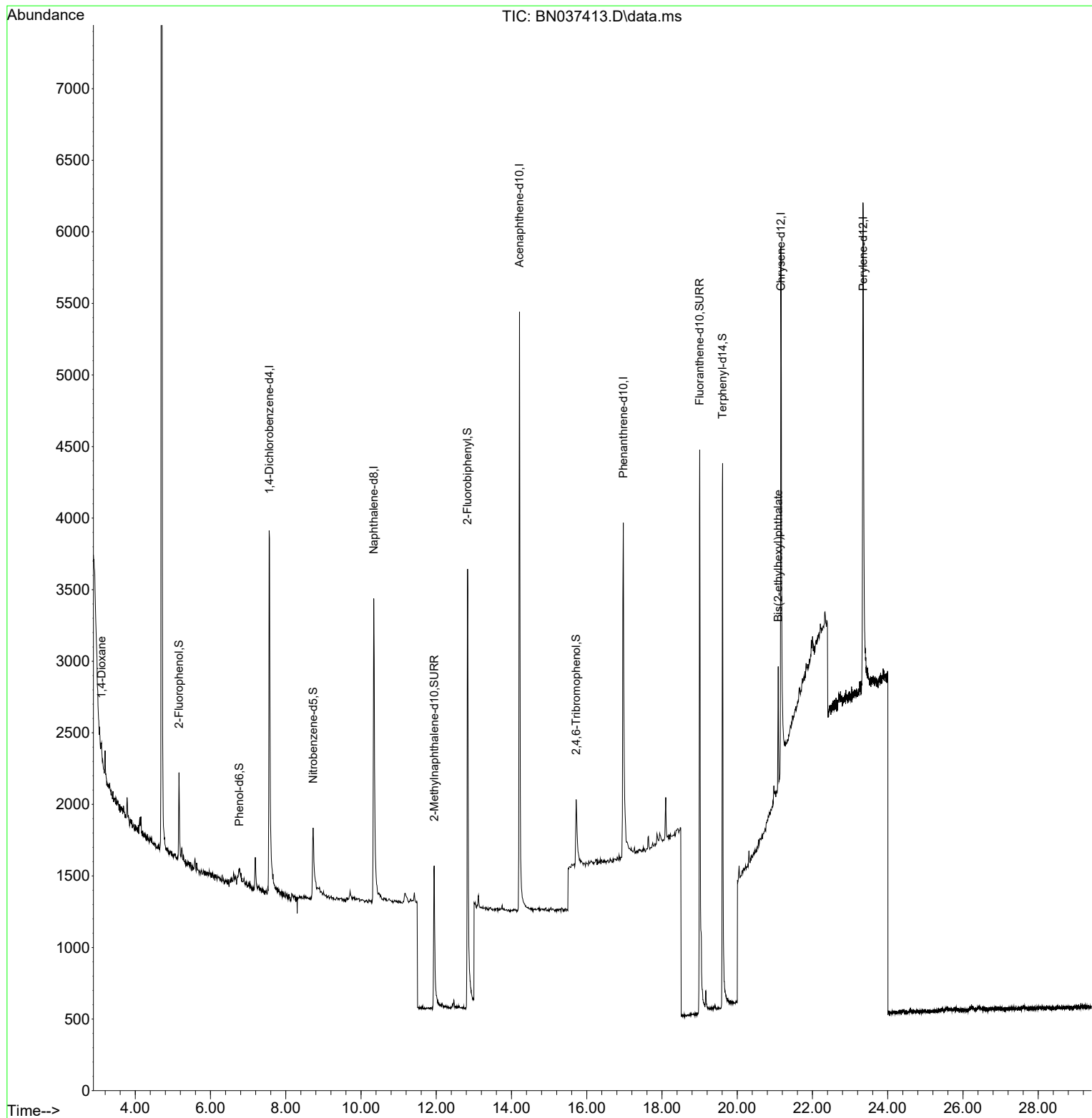
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	1845	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	4080	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2805	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	5405	0.400	ng	0.01
29) Chrysene-d12	21.161	240	5167	0.400	ng	# 0.00
35) Perylene-d12	23.345	264	5486	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	520	0.146	ng	0.00
5) Phenol-d6	6.766	99	237	0.064	ng	0.02
8) Nitrobenzene-d5	8.728	82	909	0.278	ng	0.01
11) 2-Methylnaphthalene-d10	11.945	152	2032	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.717	330	511	0.311	ng	0.00
15) 2-Fluorobiphenyl	12.832	172	3946	0.326	ng	0.00
27) Fluoranthene-d10	19.003	212	6216	0.401	ng	0.00
31) Terphenyl-d14	19.611	244	4924	0.447	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	90	0.051	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.090	149	730	0.114	ng	# 95

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

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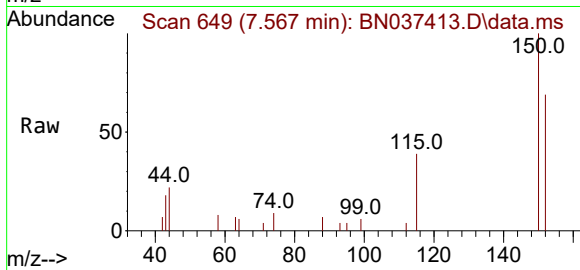
Quant Time: Jun 27 04:38:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
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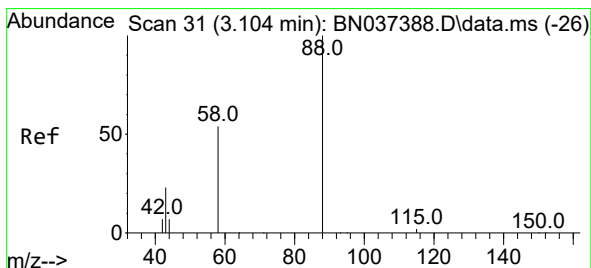
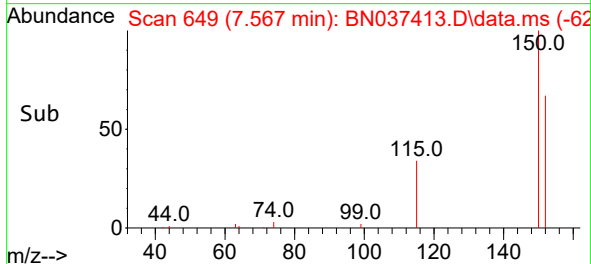
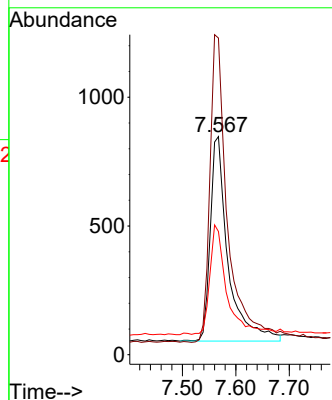


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.567 min Scan# 64
 Delta R.T. -0.001 min
 Lab File: BN037413.D
 Acq: 27 Jun 2025 03:41

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250619

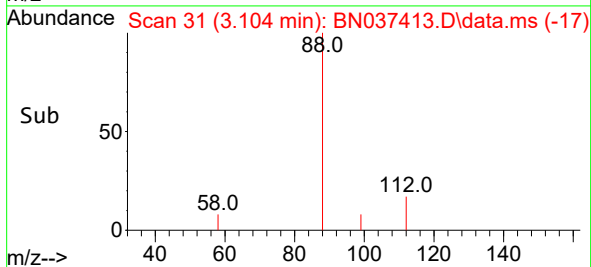
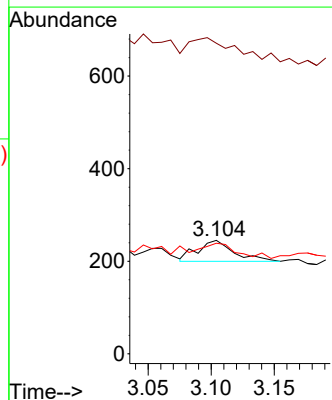
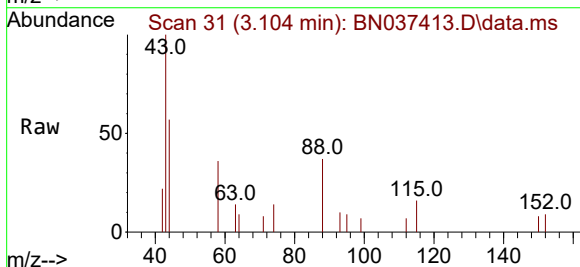


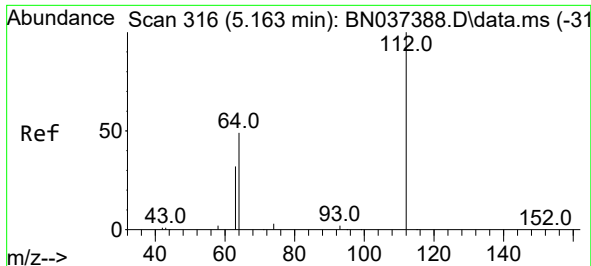
Tgt Ion:152 Resp: 1845
 Ion Ratio Lower Upper
 152 100
 150 145.2 116.2 174.2
 115 56.6 42.9 64.3



#2
 1,4-Dioxane
 Concen: 0.051 ng
 RT: 3.104 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037413.D
 Acq: 27 Jun 2025 03:41

Tgt Ion: 88 Resp: 90
 Ion Ratio Lower Upper
 88 100
 43 181.1 21.6 32.4#
 58 71.1 45.9 68.9#

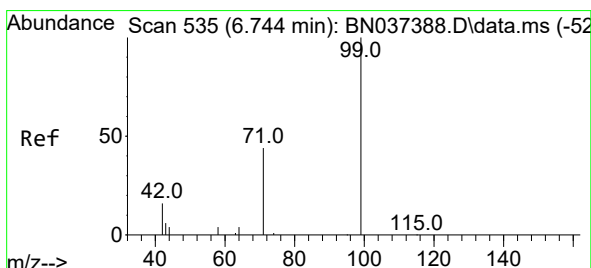
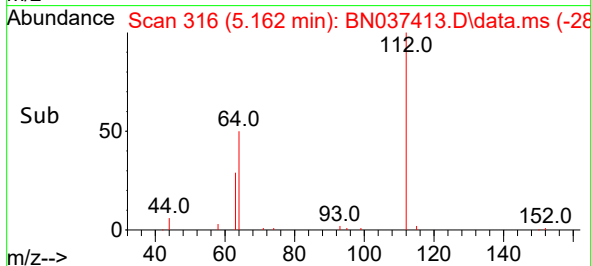
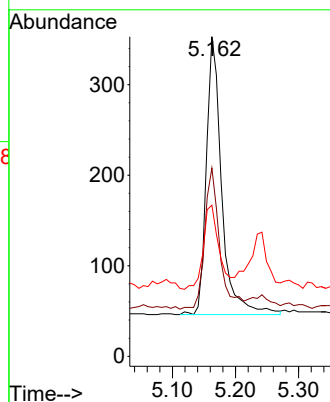
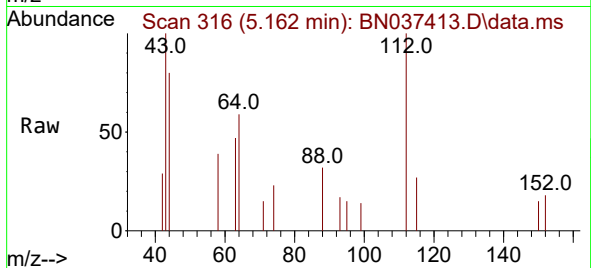




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.162 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN037413.D
Acq: 27 Jun 2025 03:41

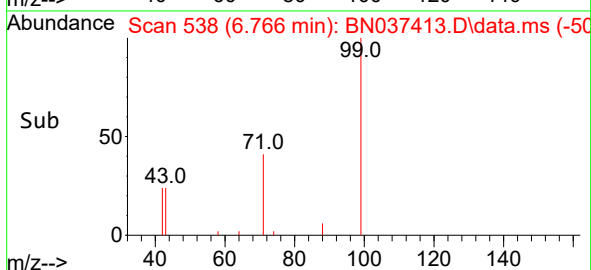
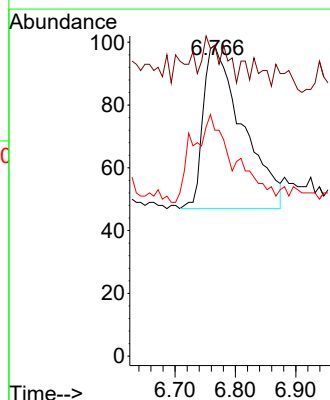
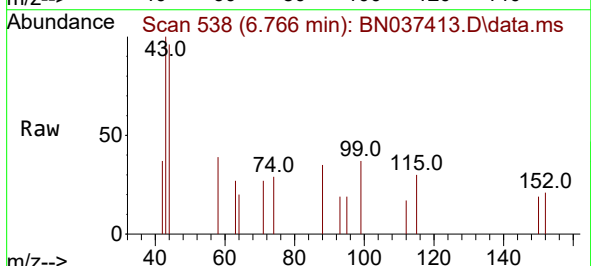
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250619

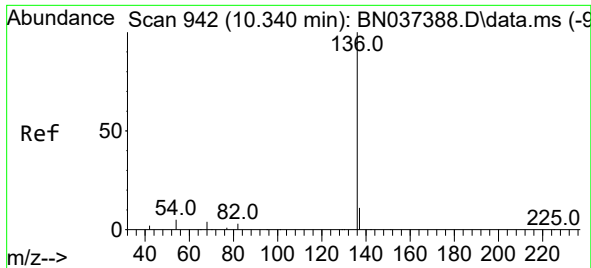
Tgt Ion:112 Resp: 520
Ion Ratio Lower Upper
112 100
64 49.4 40.3 60.5
63 30.6 26.1 39.1



#5
Phenol-d6
Concen: 0.064 ng
RT: 6.766 min Scan# 538
Delta R.T. 0.021 min
Lab File: BN037413.D
Acq: 27 Jun 2025 03:41

Tgt Ion: 99 Resp: 237
Ion Ratio Lower Upper
99 100
42 8.9 15.6 23.4#
71 42.6 35.8 53.8

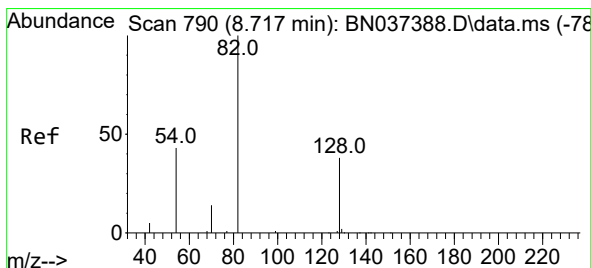
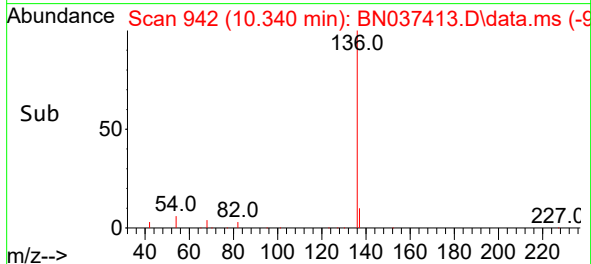
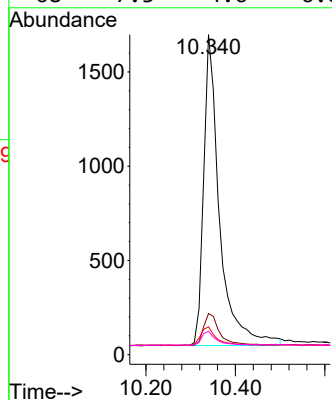
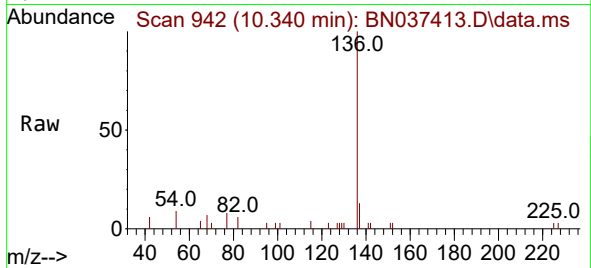




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037413.D
Acq: 27 Jun 2025 03:41

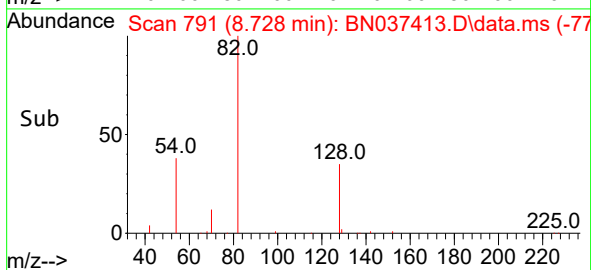
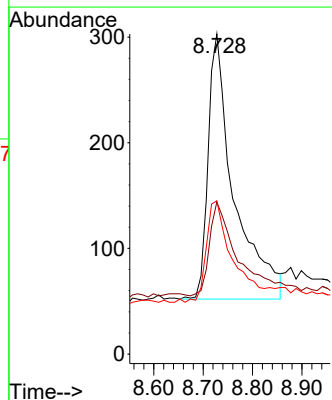
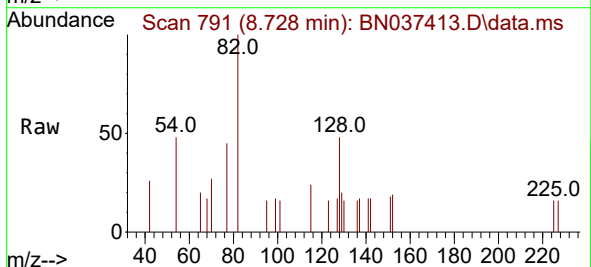
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250619

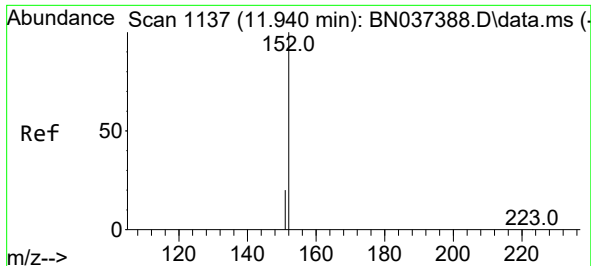
Tgt Ion:	136	Resp:	4080
Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.4	15.6
54	8.7	5.6	8.4#
68	7.3	4.6	6.8#



#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.010 min
Lab File: BN037413.D
Acq: 27 Jun 2025 03:41

Tgt Ion:	82	Resp:	909
Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	47.9	37.7	56.5

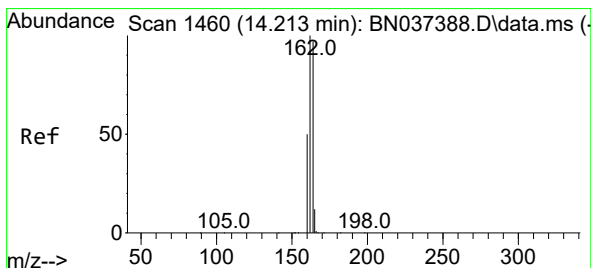
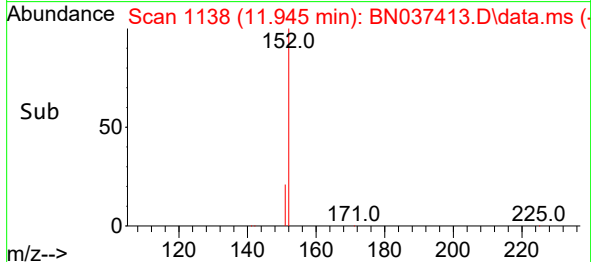
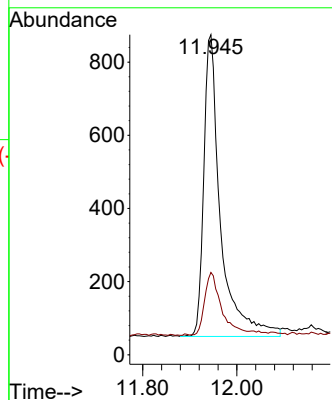
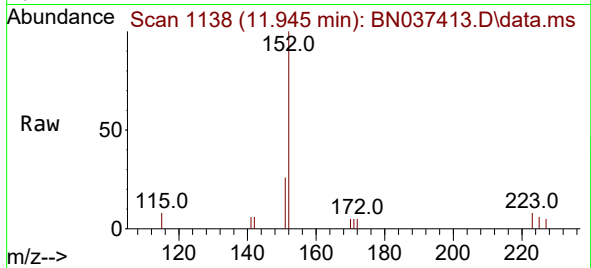




#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 11.945 min Scan# 1138
Delta R.T. 0.005 min
Lab File: BN037413.D
Acq: 27 Jun 2025 03:41

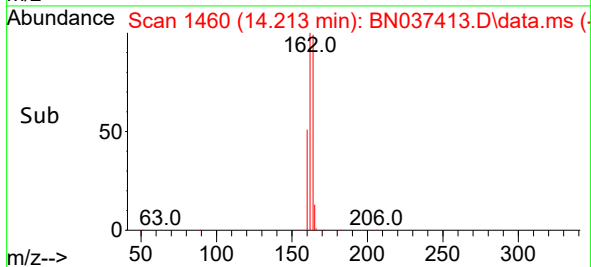
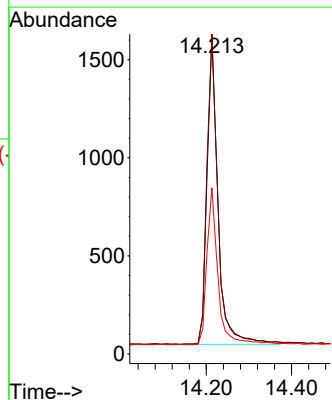
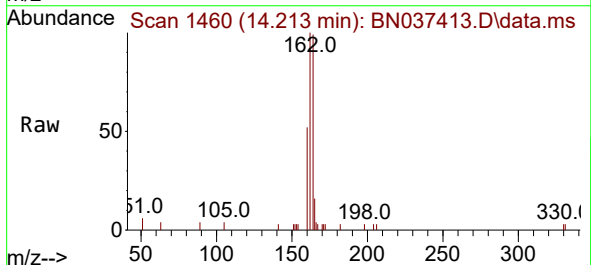
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250619

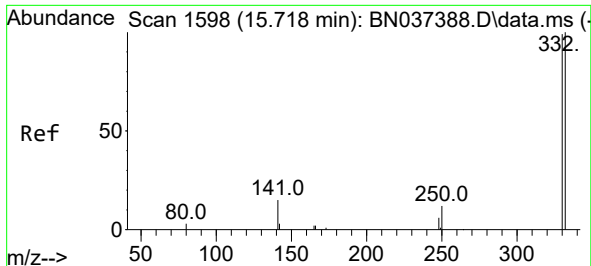
Tgt Ion:152 Resp: 2032
Ion Ratio Lower Upper
152 100
151 20.6 18.4 27.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN037413.D
Acq: 27 Jun 2025 03:41

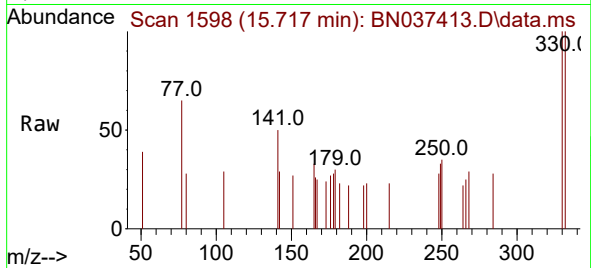
Tgt Ion:164 Resp: 2805
Ion Ratio Lower Upper
164 100
162 100.6 82.6 123.8
160 52.2 42.2 63.2



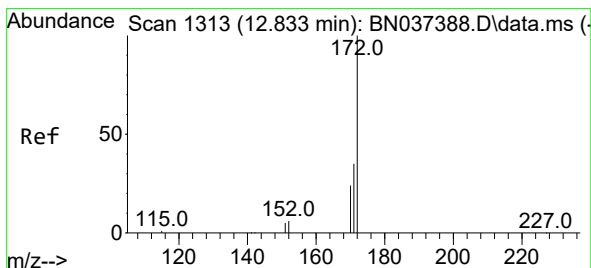
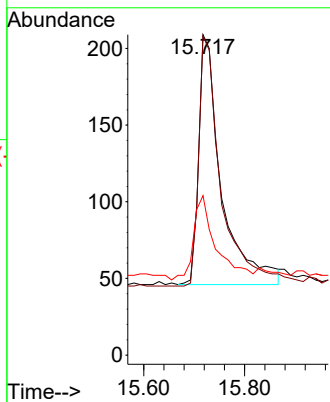
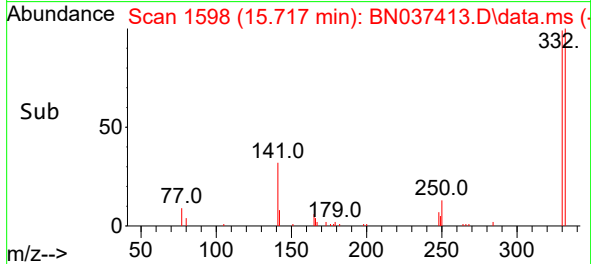


#14
2,4,6-Tribromophenol
Concen: 0.311 ng
RT: 15.717 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037413.D
Acq: 27 Jun 2025 03:41

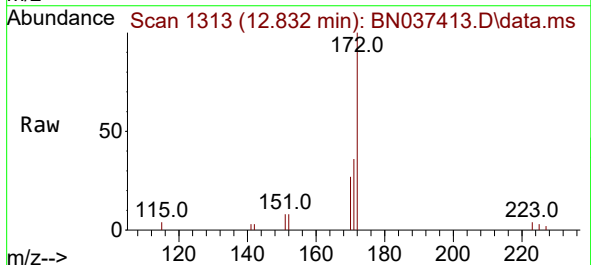
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250619



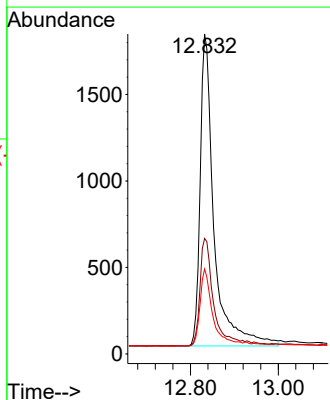
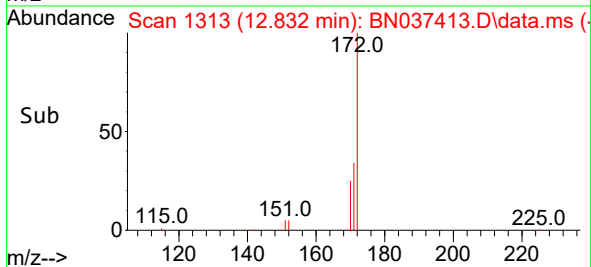
Tgt Ion:330 Resp: 511
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 33.3 24.0 36.0

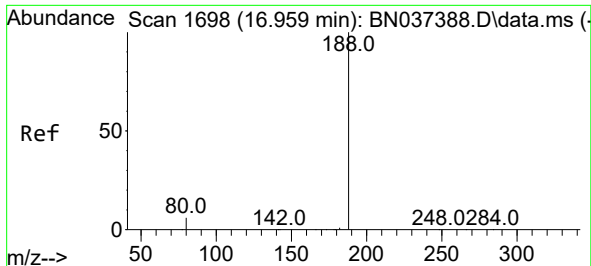


#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.832 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN037413.D
Acq: 27 Jun 2025 03:41



Tgt Ion:172 Resp: 3946
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 26.5 20.3 30.5

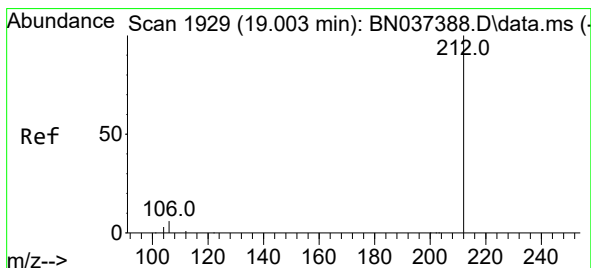
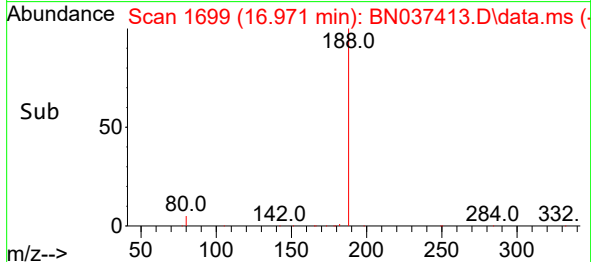
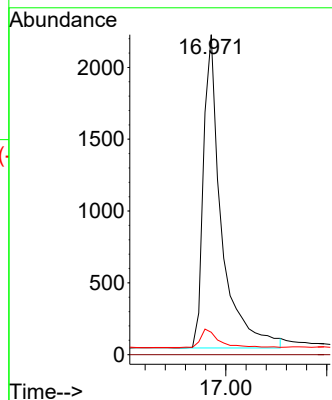
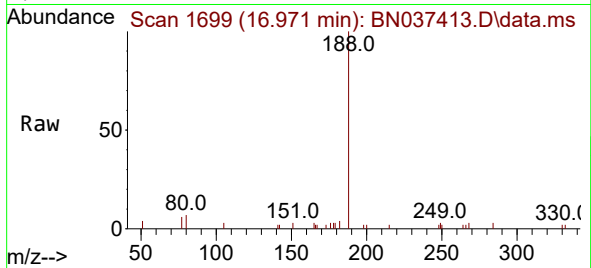




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN037413.D
Acq: 27 Jun 2025 03:41

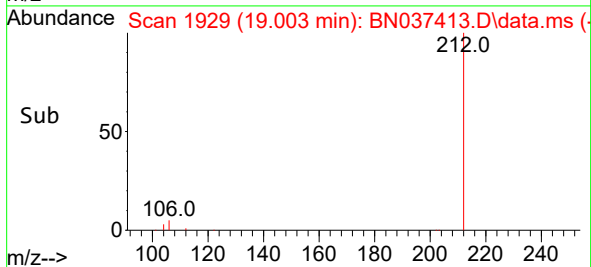
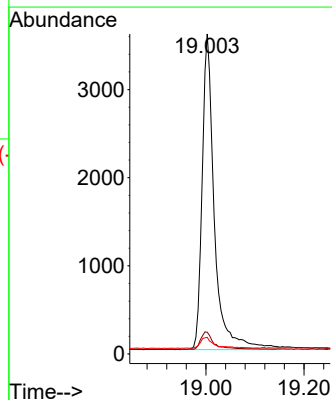
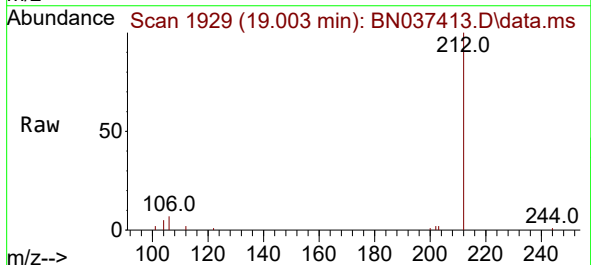
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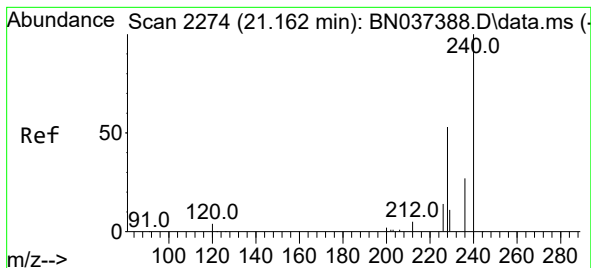
Tgt Ion:188 Resp: 5405
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 6.2 9.4



#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.003 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BN037413.D
Acq: 27 Jun 2025 03:41

Tgt Ion:212 Resp: 6216
Ion Ratio Lower Upper
212 100
106 5.9 4.5 6.7
104 3.3 2.7 4.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.161 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037413.D

Acq: 27 Jun 2025 03:41

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20250619

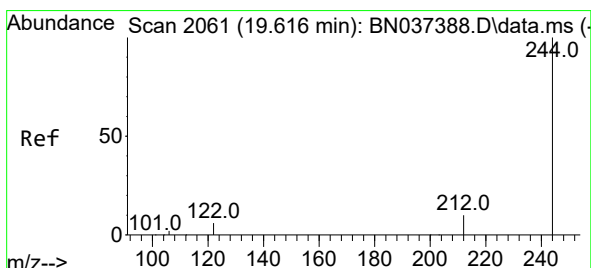
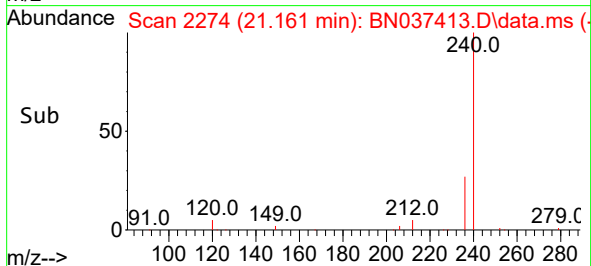
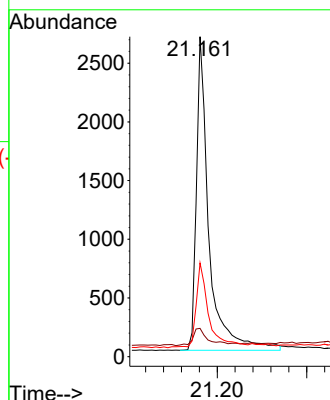
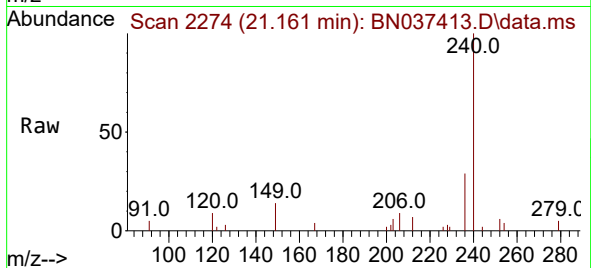
Tgt Ion:240 Resp: 5167

Ion Ratio Lower Upper

240 100

120 8.8 5.3 7.9#

236 29.3 22.7 34.1



#31

Terphenyl-d14

Concen: 0.447 ng

RT: 19.611 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN037413.D

Acq: 27 Jun 2025 03:41

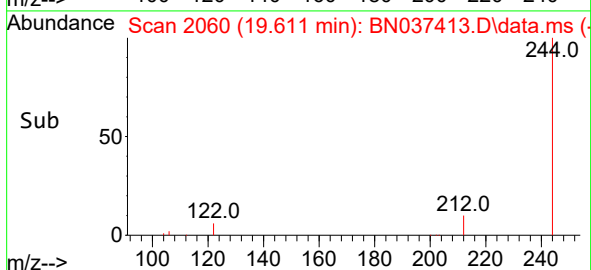
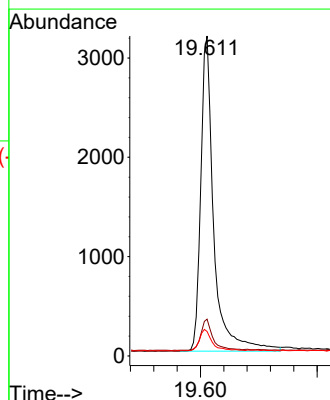
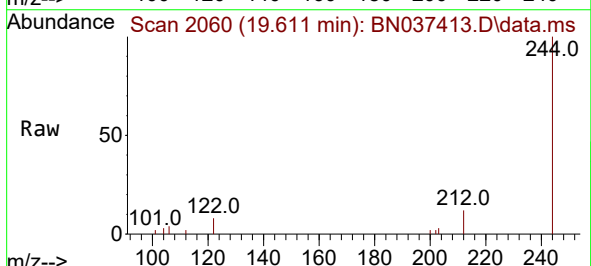
Tgt Ion:244 Resp: 4924

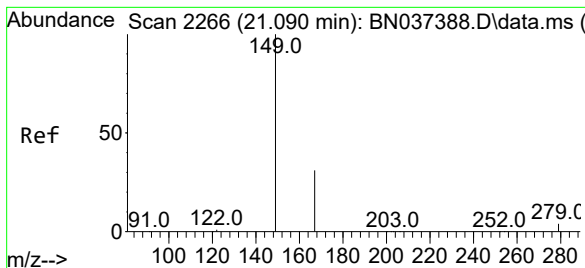
Ion Ratio Lower Upper

244 100

212 11.5 9.1 13.7

122 7.6 6.3 9.5

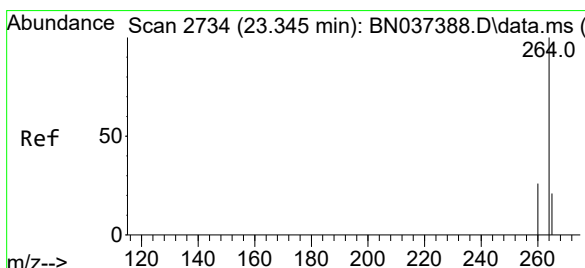
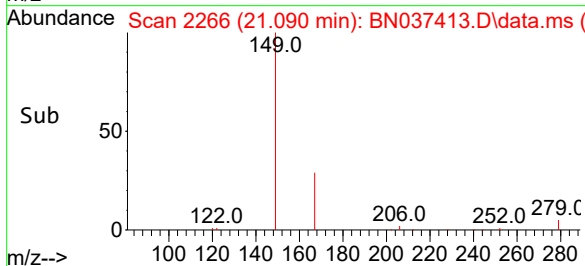
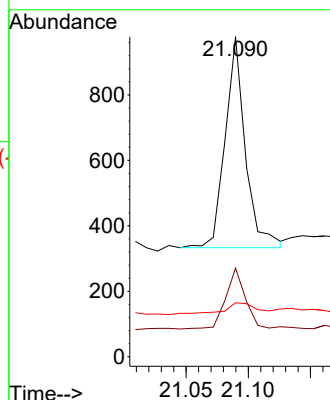
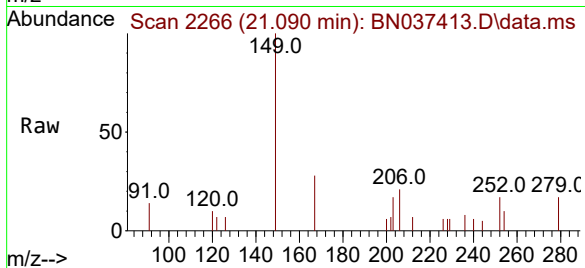




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.114 ng
RT: 21.090 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN037413.D
Acq: 27 Jun 2025 03:41

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250619

Tgt Ion:149 Resp: 730
Ion Ratio Lower Upper
149 100
167 28.9 24.8 37.2
279 9.3 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: BN037413.D
Acq: 27 Jun 2025 03:41

Tgt Ion:264 Resp: 5486
Ion Ratio Lower Upper
264 100
260 26.8 21.4 32.0
265 92.8 56.2 84.4#

