

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037267.D
 Acq On : 14 Jun 2025 18:12
 Operator : RC/JU
 Sample : Q2299-20
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20250611

Quant Time: Jun 16 02:44:20 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)

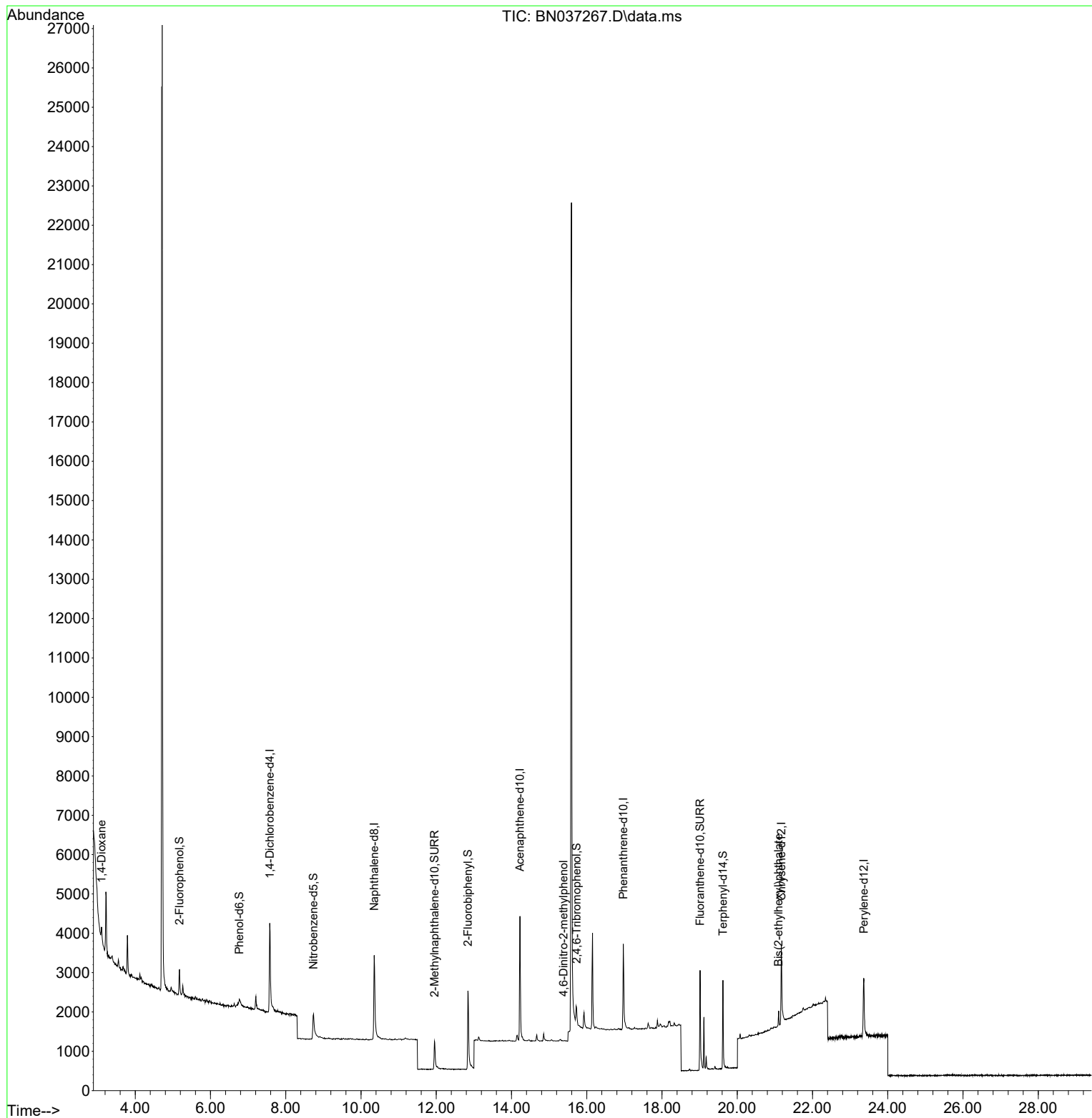
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1398	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	3634	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1888	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	3453	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2450	0.400	ng	# 0.00
35) Perylene-d12	23.363	264	2246	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	499	0.145	ng	0.00
5) Phenol-d6	6.766	99	263	0.073	ng	0.00
8) Nitrobenzene-d5	8.739	82	940	0.262	ng	0.01
11) 2-Methylnaphthalene-d10	11.955	152	1415	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	275	0.351	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	2301	0.290	ng	0.00
27) Fluoranthene-d10	19.012	212	3338	0.369	ng	0.00
31) Terphenyl-d14	19.621	244	2490	0.450	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	198	0.103	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.378	198	1	0.117	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.099	149	357	0.058	ng	# 93

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

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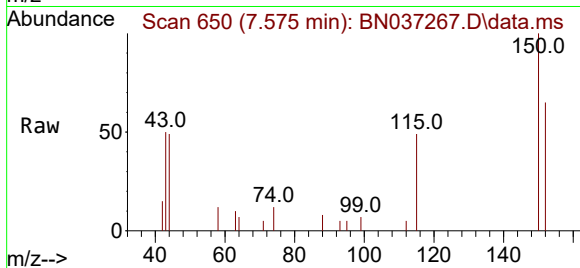
Quant Time: Jun 16 02:44:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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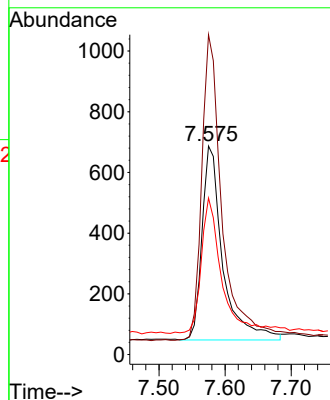
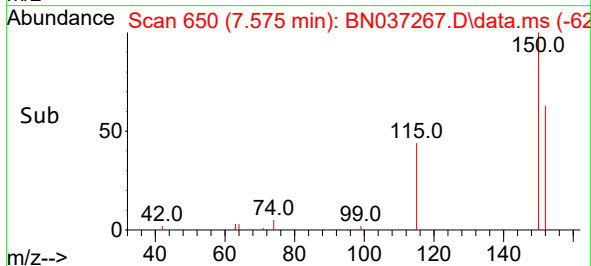


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037267.D
 Acq: 14 Jun 2025 18:12

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20250611

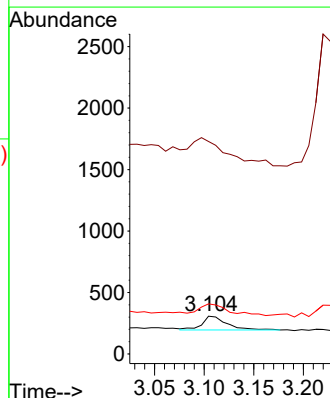
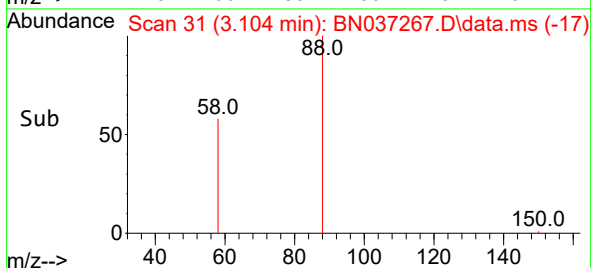
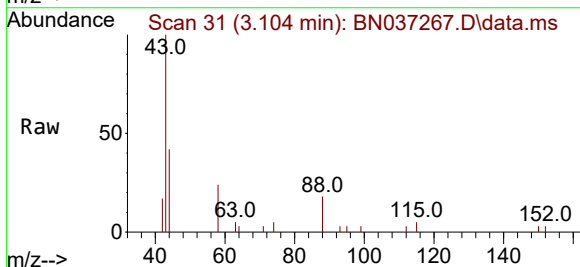


Tgt Ion:152 Resp: 1398
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.2 187.8
 115 75.1 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.103 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037267.D
 Acq: 14 Jun 2025 18:12

Tgt Ion: 88 Resp: 198
 Ion Ratio Lower Upper
 88 100
 43 301.0 52.6 79.0#
 58 97.5 73.5 110.3





#4

2-Fluorophenol

Concen: 0.145 ng

RT: 5.177 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN037267.D

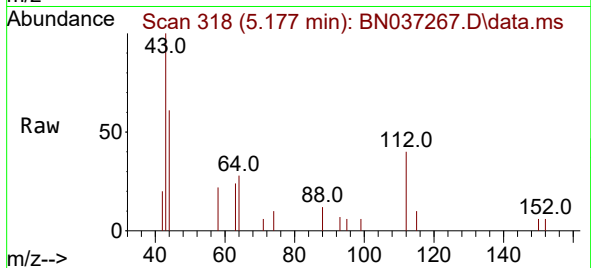
Acq: 14 Jun 2025 18:12

Instrument :

BNA_N

ClientSampleId :

RW11-MW01S-20250611



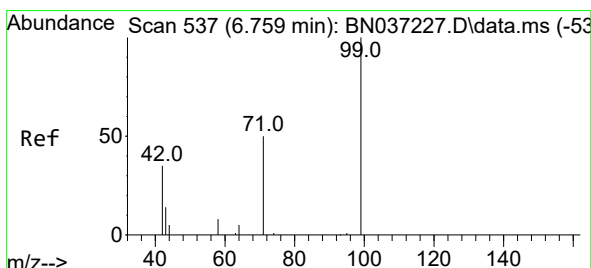
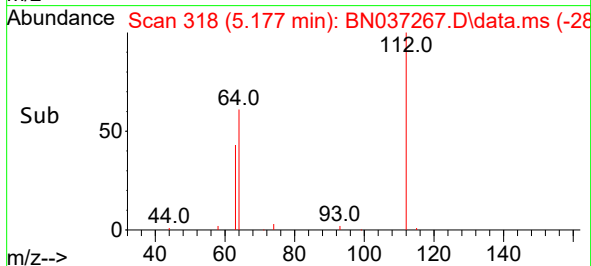
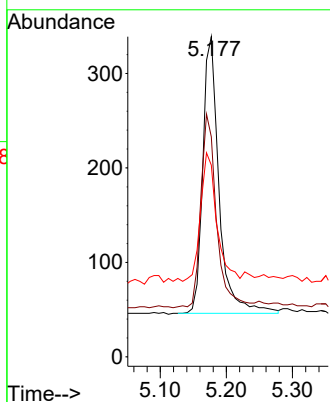
Tgt Ion:112 Resp: 499

Ion Ratio Lower Upper

112 100

64 67.7 57.2 85.8

63 46.7 39.8 59.6



#5

Phenol-d6

Concen: 0.073 ng

RT: 6.766 min Scan# 538

Delta R.T. 0.007 min

Lab File: BN037267.D

Acq: 14 Jun 2025 18:12

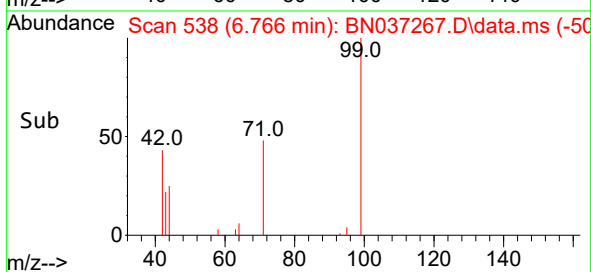
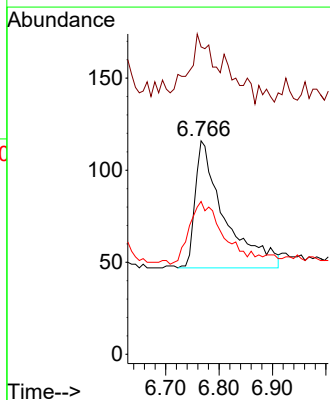
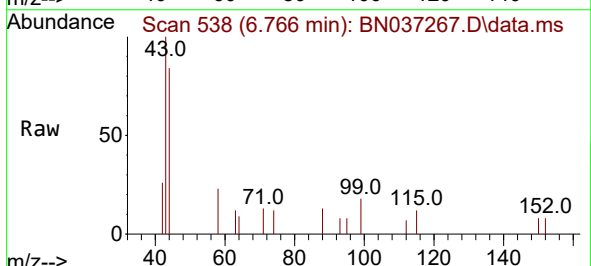
Tgt Ion: 99 Resp: 263

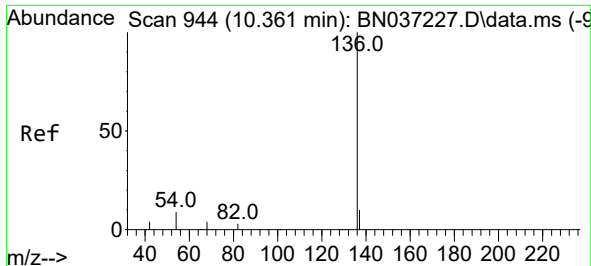
Ion Ratio Lower Upper

99 100

42 33.5 36.2 54.4#

71 54.8 42.4 63.6

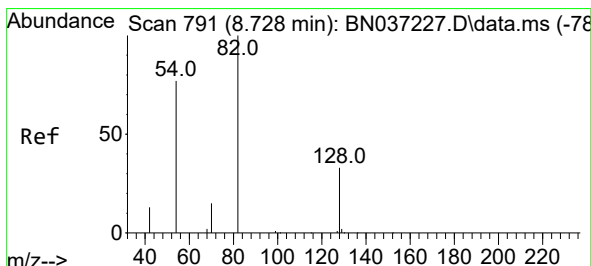
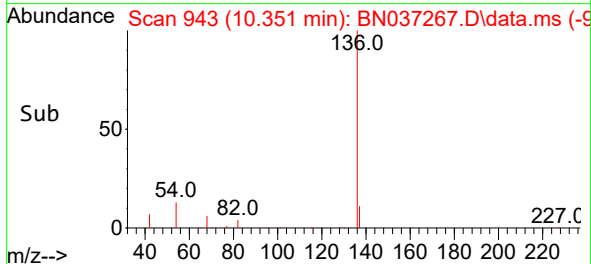
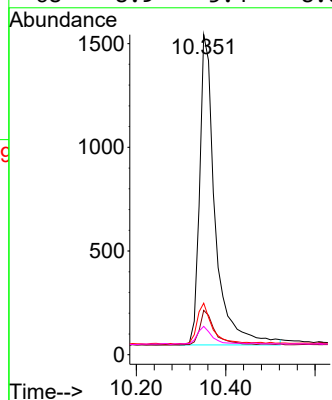
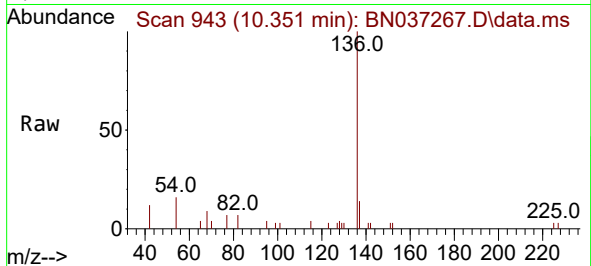




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037267.D
Acq: 14 Jun 2025 18:12

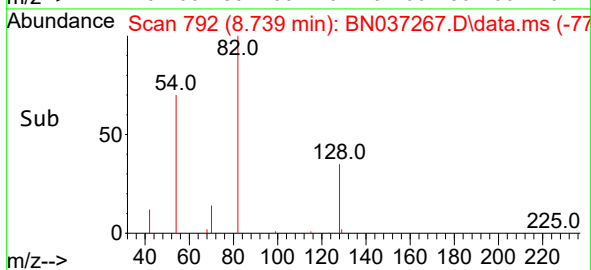
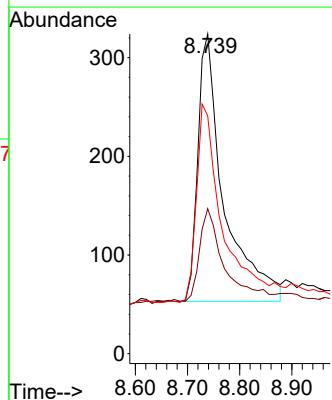
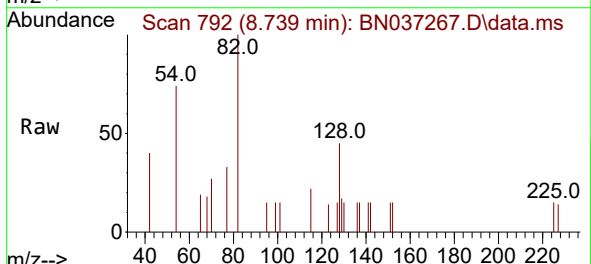
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250611

Tgt Ion:	136	Resp:	3634
Ion	Ratio	Lower	Upper
136	100		
137	13.9	10.6	15.8
54	16.1	9.2	13.8#
68	8.9	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.011 min
Lab File: BN037267.D
Acq: 14 Jun 2025 18:12

Tgt Ion:	82	Resp:	940
Ion	Ratio	Lower	Upper
82	100		
128	45.4	31.2	46.8
54	74.4	63.3	94.9





#11

2-Methylnaphthalene-d10

Concen: 0.290 ng

RT: 11.955 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BN037267.D

Acq: 14 Jun 2025 18:12

Instrument :

BNA_N

ClientSampleId :

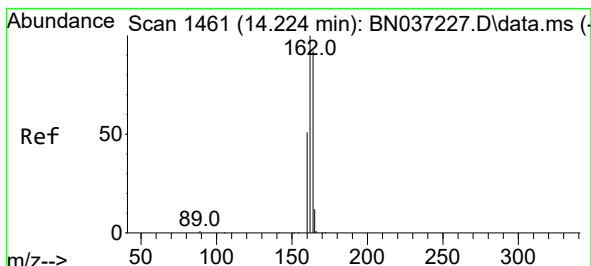
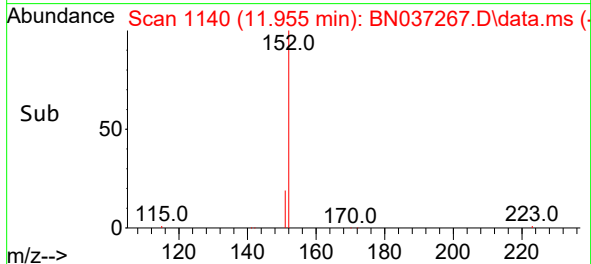
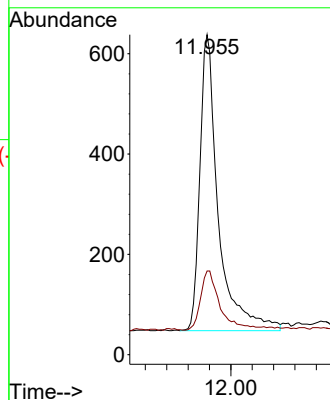
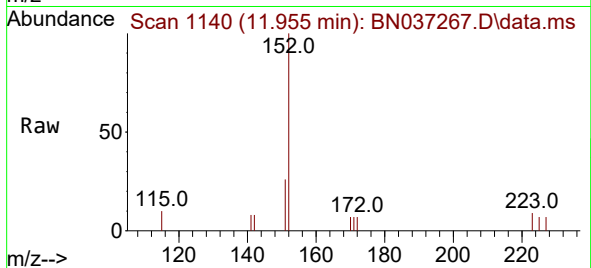
RW11-MW01S-20250611

Tgt Ion:152 Resp: 1415

Ion Ratio Lower Upper

152 100

151 21.1 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: BN037267.D

Acq: 14 Jun 2025 18:12

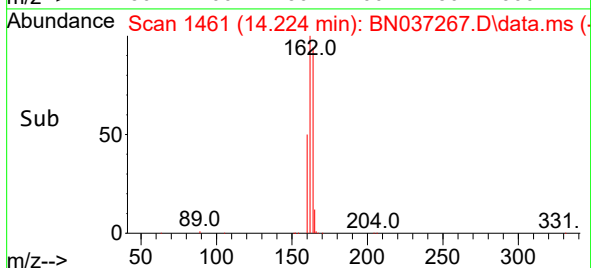
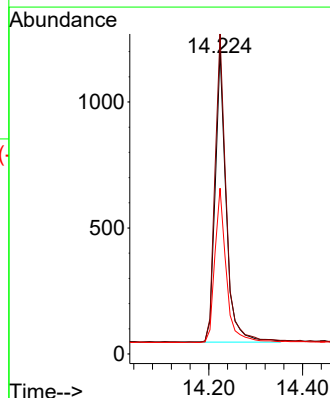
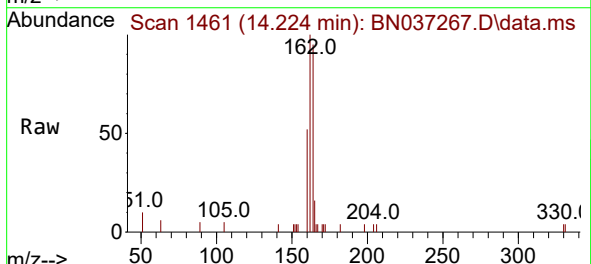
Tgt Ion:164 Resp: 1888

Ion Ratio Lower Upper

164 100

162 105.7 86.7 130.1

160 54.7 45.8 68.6

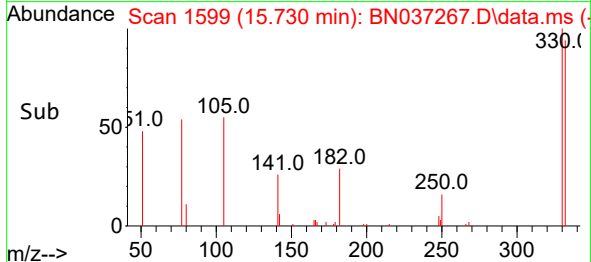
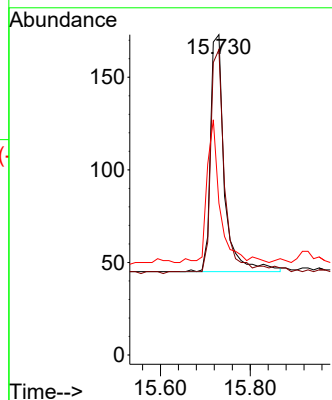
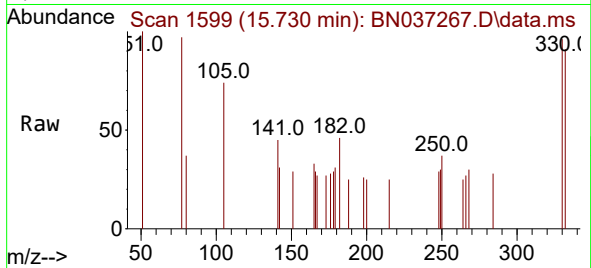




#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 15.730 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037267.D
Acq: 14 Jun 2025 18:12

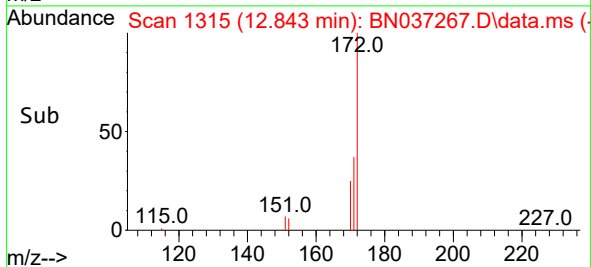
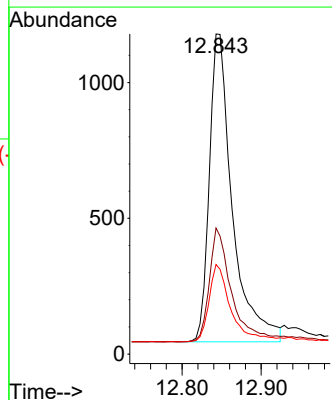
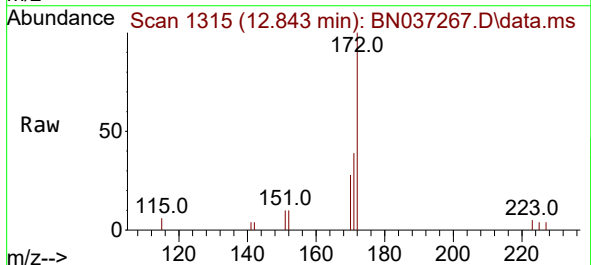
Instrument :
BNA_N
ClientSampleId :
RW11-MW01S-20250611

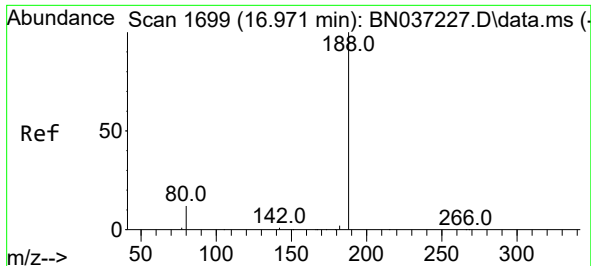
Tgt Ion:330 Resp: 275
Ion Ratio Lower Upper
330 100
332 90.5 74.9 112.3
141 56.0 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 12.843 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BN037267.D
Acq: 14 Jun 2025 18:12

Tgt Ion:172 Resp: 2301
Ion Ratio Lower Upper
172 100
171 39.4 29.8 44.8
170 28.0 21.1 31.7

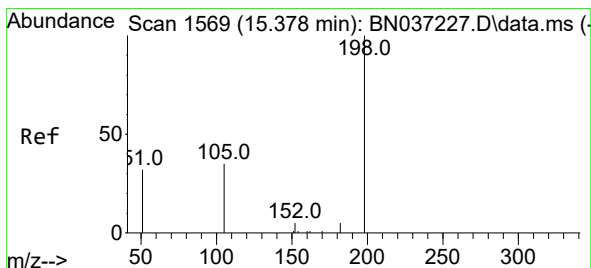
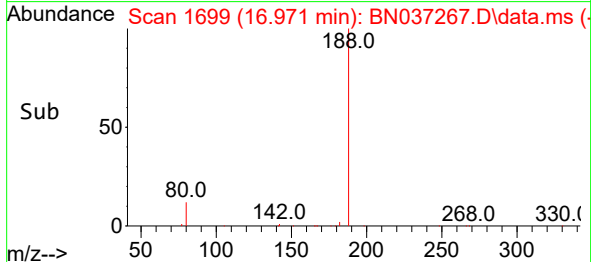
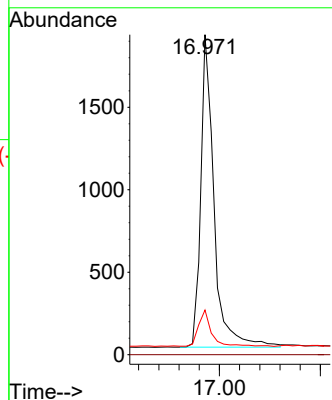
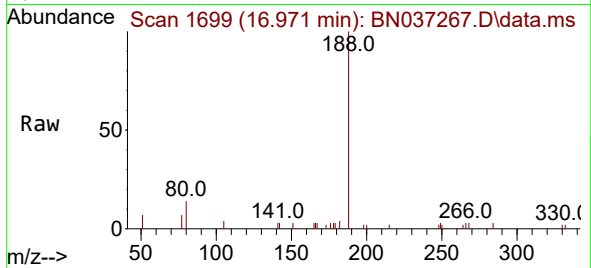




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037267.D
Acq: 14 Jun 2025 18:12

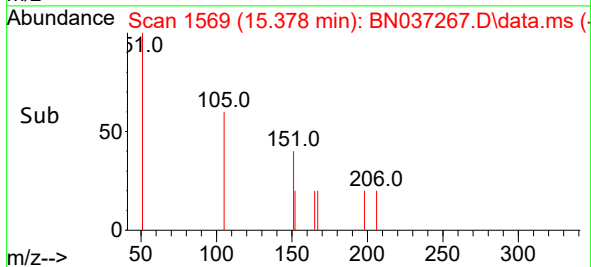
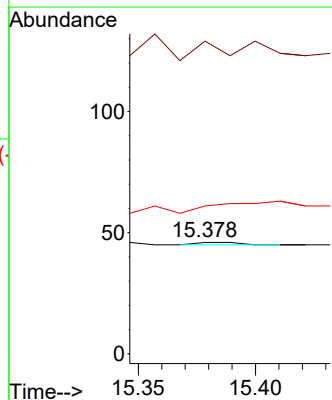
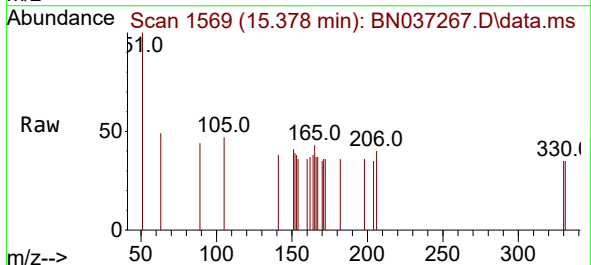
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BNA_N
ClientSampleId :
RW11-MW01S-20250611

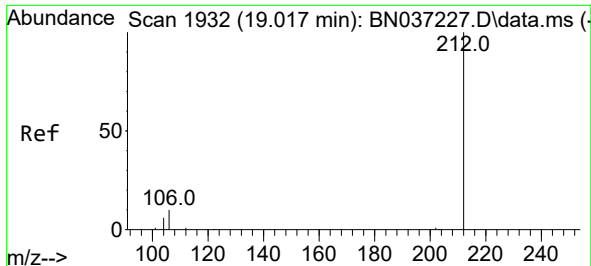
Tgt Ion:188 Resp: 3453
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 12.2 18.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.117 ng
RT: 15.378 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN037267.D
Acq: 14 Jun 2025 18:12

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 280.4 111.2 166.8#
105 132.6 54.0 81.0#

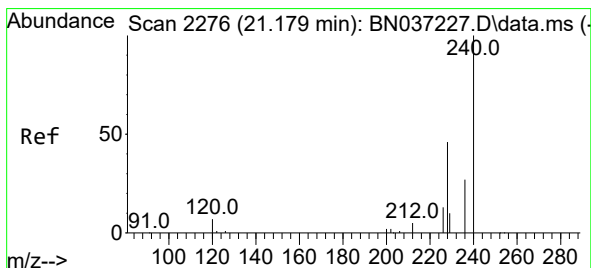
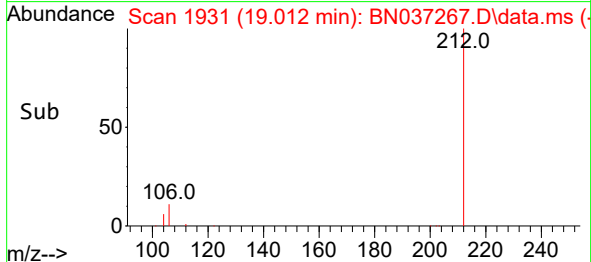
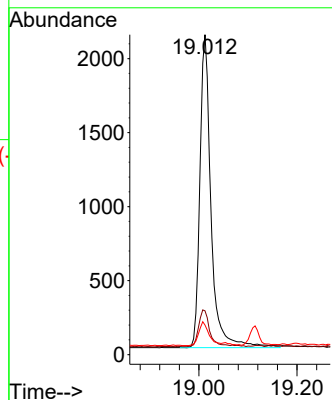
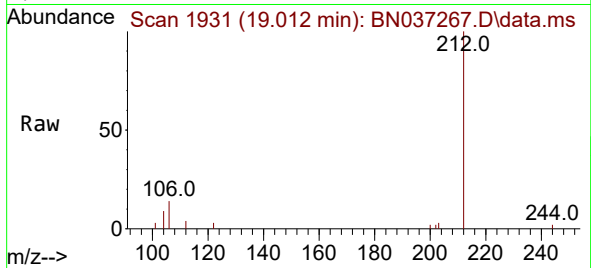




#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.004 min
Lab File: BN037267.D
Acq: 14 Jun 2025 18:12

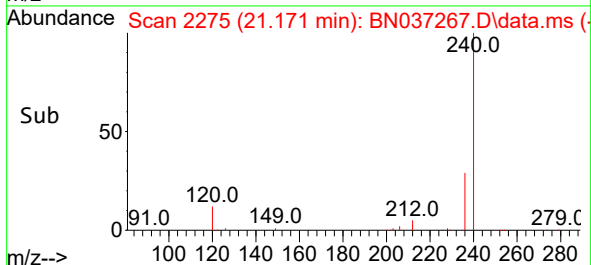
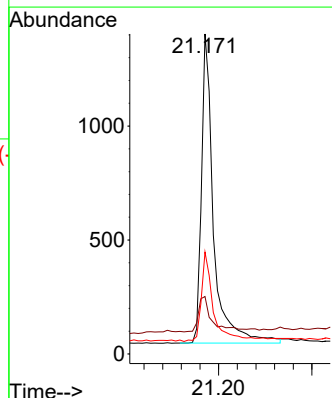
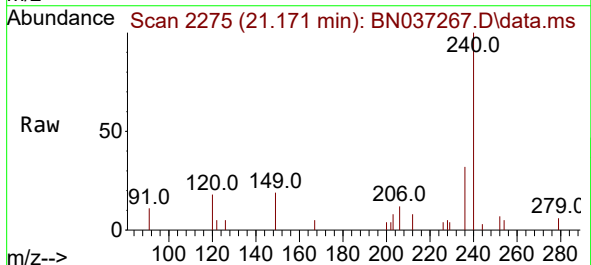
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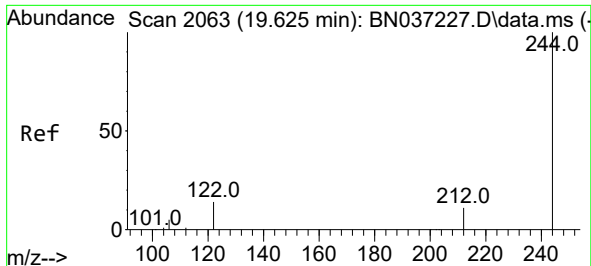
Tgt Ion:212 Resp: 3338
Ion Ratio Lower Upper
212 100
106 11.6 9.3 13.9
104 7.0 5.7 8.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN037267.D
Acq: 14 Jun 2025 18:12

Tgt Ion:240 Resp: 2450
Ion Ratio Lower Upper
240 100
120 17.9 11.3 16.9#
236 31.8 24.4 36.6

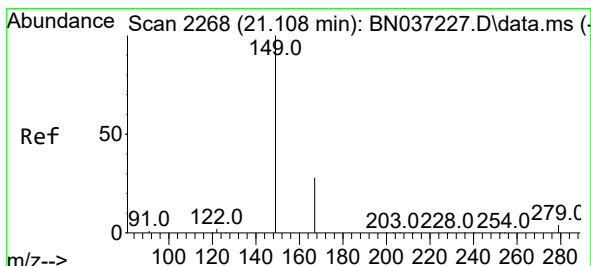
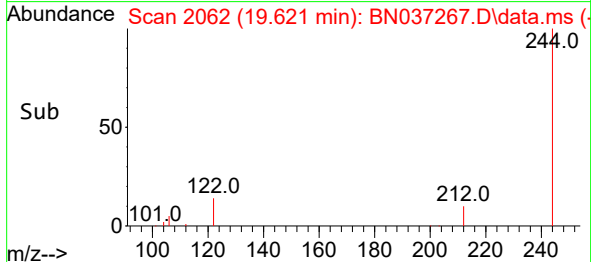
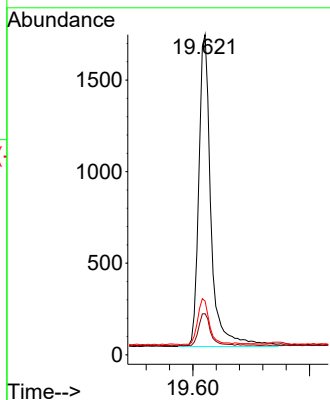
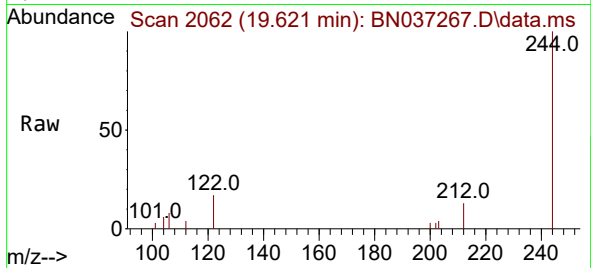




#31
 Terphenyl-d14
 Concen: 0.450 ng
 RT: 19.621 min Scan# 2063
 Delta R.T. -0.004 min
 Lab File: BN037267.D
 Acq: 14 Jun 2025 18:12

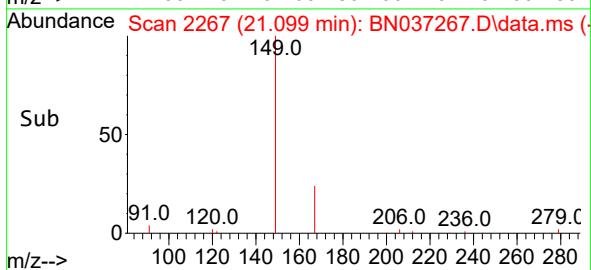
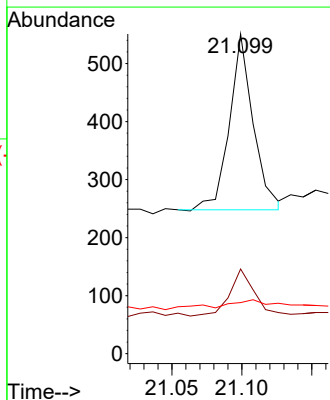
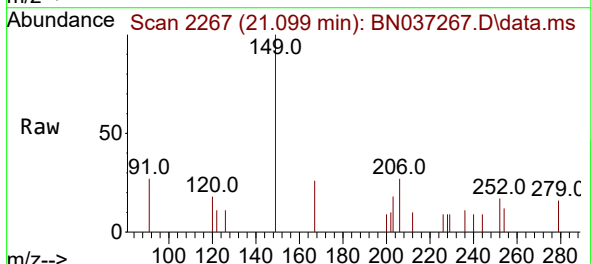
Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01S-20250611

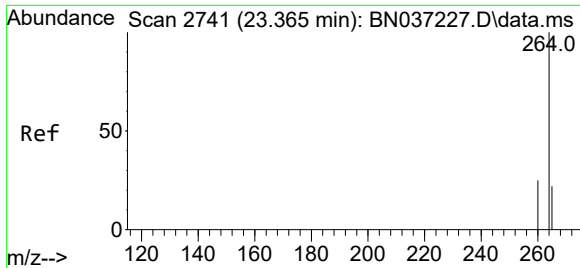
Tgt Ion:244 Resp: 2490
 Ion Ratio Lower Upper
 244 100
 212 12.8 12.2 18.2
 122 16.8 14.3 21.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.058 ng
 RT: 21.099 min Scan# 2267
 Delta R.T. -0.009 min
 Lab File: BN037267.D
 Acq: 14 Jun 2025 18:12

Tgt Ion:149 Resp: 357
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.3 31.9
 279 16.5 3.3 4.9#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.363 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN037267.D

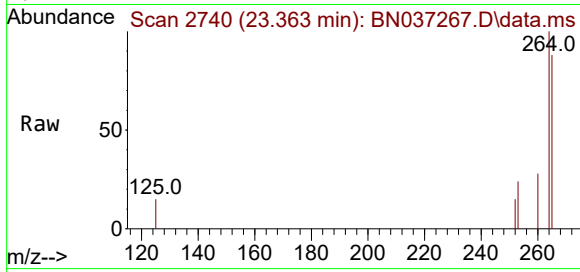
Acq: 14 Jun 2025 18:12

Instrument :

BNA_N

ClientSampleId :

RW11-MW01S-20250611



Tgt Ion:264 Resp: 2246

Ion Ratio Lower Upper

264 100

260 27.9 22.8 34.2

265 88.0 66.4 99.6

