

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037915.D
 Acq On : 26 Sep 2025 07:43
 Operator : RC/JU
 Sample : Q3156-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 08:39:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

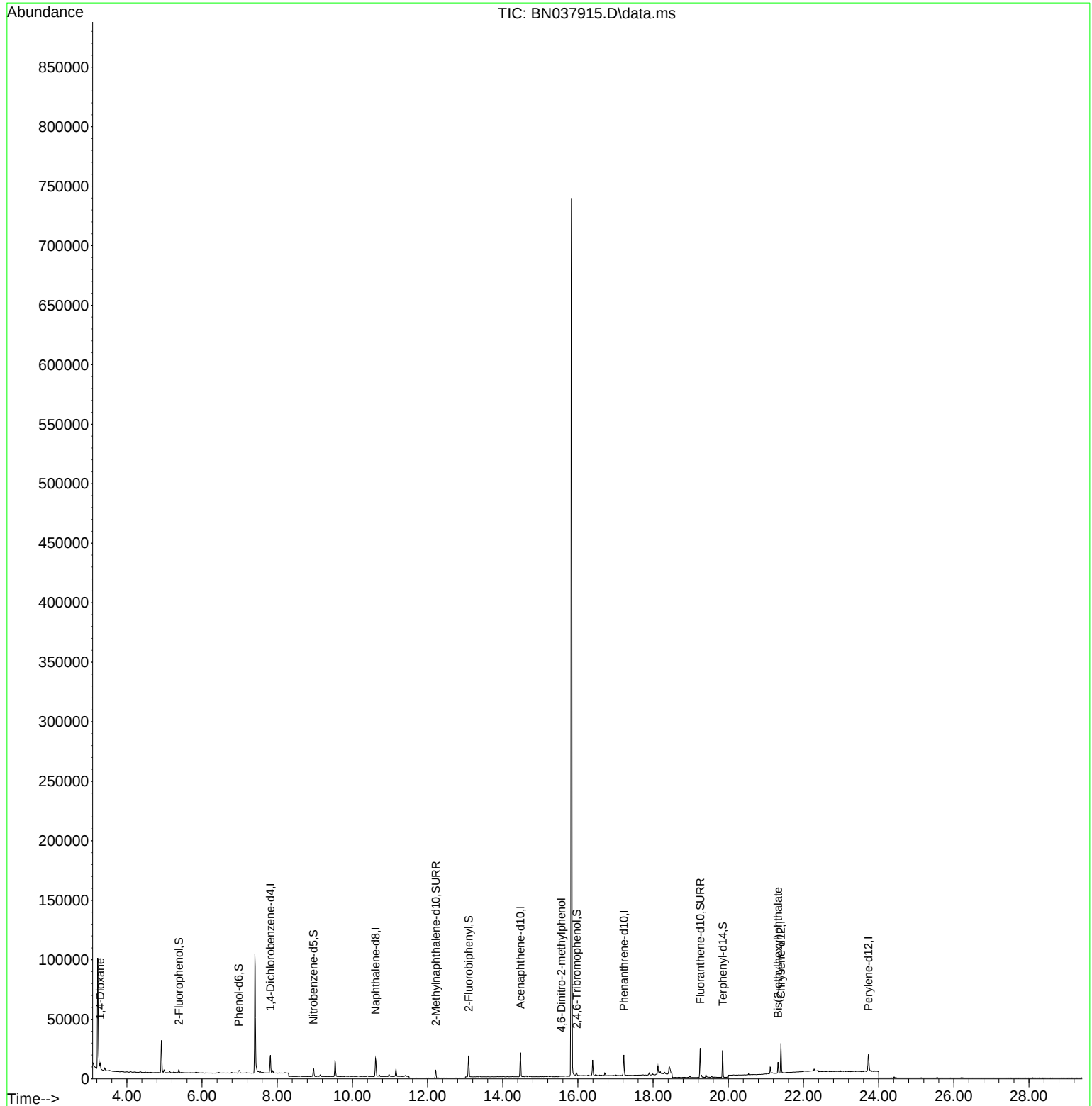
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7032	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	20474	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	10961	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	23227	0.400	ng	0.00
29) Chrysene-d12	21.402	240	21388	0.400	ng	0.00
35) Perylene-d12	23.730	264	19449	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	2154	0.134	ng	0.00
5) Phenol-d6	6.973	99	1639	0.078	ng	0.00
8) Nitrobenzene-d5	8.961	82	5368	0.344	ng	-0.01
11) 2-Methylnaphthalene-d10	12.217	152	8806	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	1344	0.323	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	13998	0.312	ng	0.00
27) Fluoranthene-d10	19.253	212	26055	0.446	ng	0.00
31) Terphenyl-d14	19.852	244	20843	0.489	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	2600	0.364	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.560	198	2	0.068	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	8642	0.292	ng	100

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

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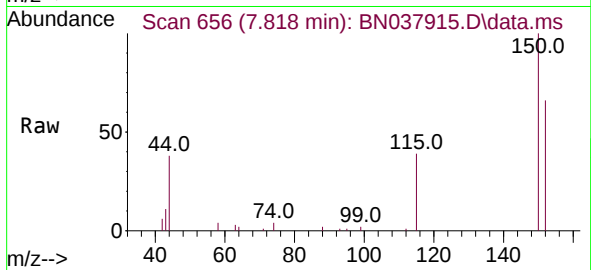
Quant Time: Sep 26 08:39:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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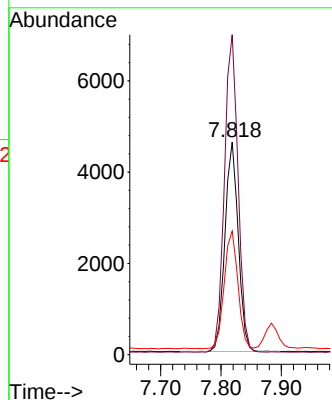
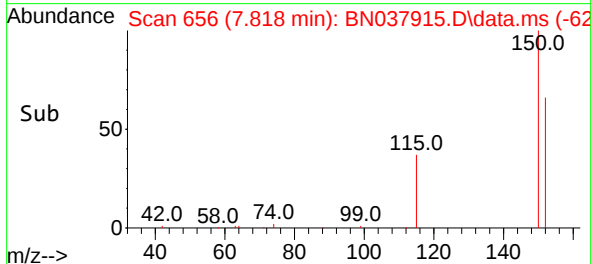


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037915.D
 Acq: 26 Sep 2025 07:43

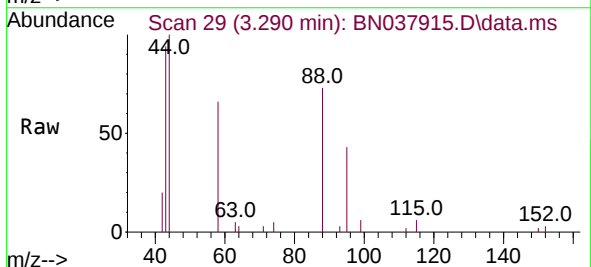
Instrument :
 BNA_N
 ClientSampleId :



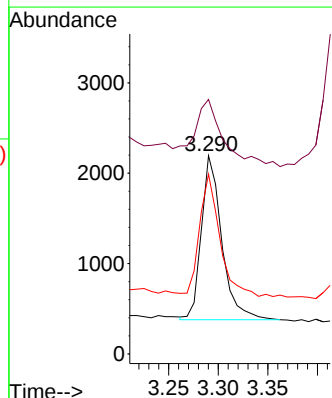
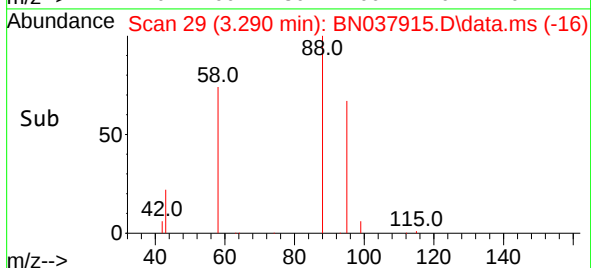
Tgt Ion:152 Resp: 7032
 Ion Ratio Lower Upper
 152 100
 150 150.5 121.0 181.4
 115 58.1 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.364 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037915.D
 Acq: 26 Sep 2025 07:43



Tgt Ion: 88 Resp: 2600
 Ion Ratio Lower Upper
 88 100
 43 57.6 26.6 39.8
 58 74.5 58.9 88.3

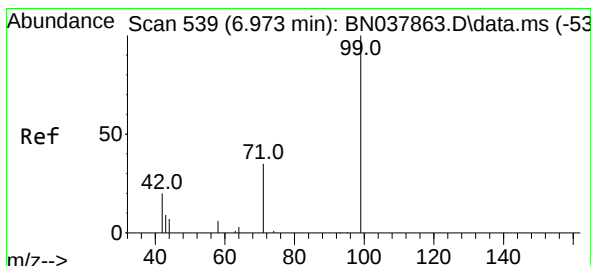
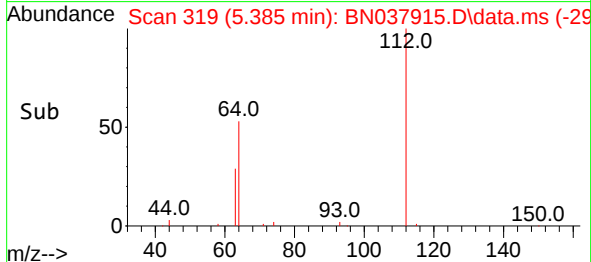
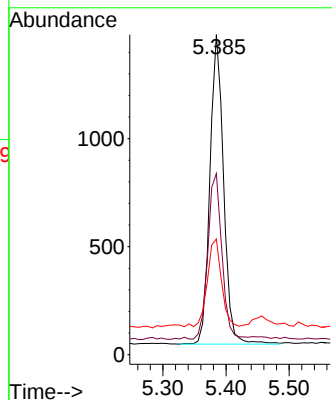
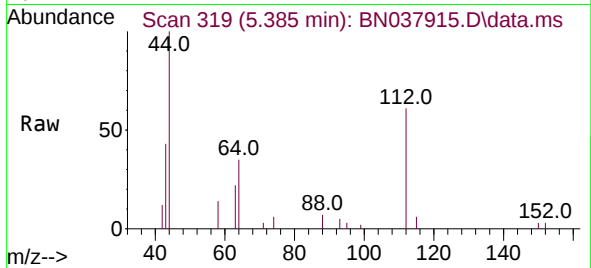




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.385 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037915.D
Acq: 26 Sep 2025 07:43

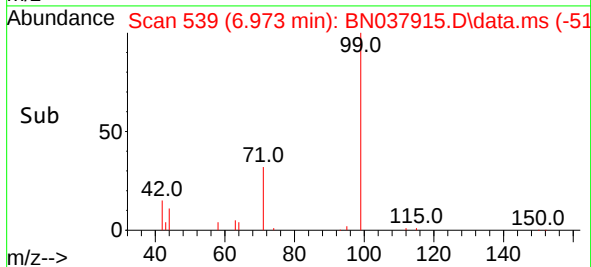
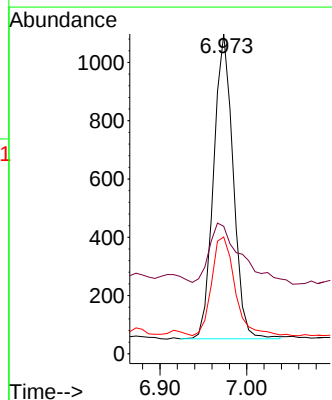
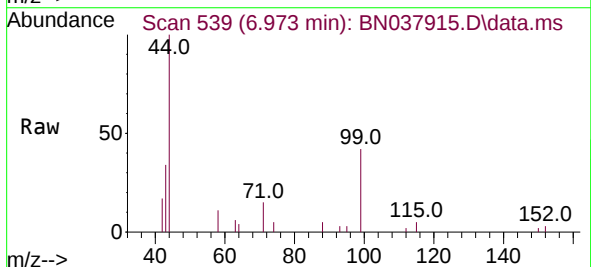
Instrument :
BNA_N
ClientSampleId :

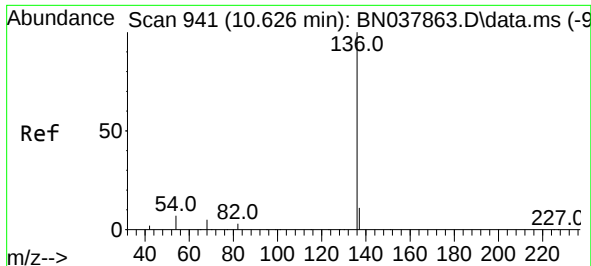
Tgt Ion:112 Resp: 2154
Ion Ratio Lower Upper
112 100
64 55.5 44.6 66.8
63 30.5 24.9 37.3



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.973 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN037915.D
Acq: 26 Sep 2025 07:43

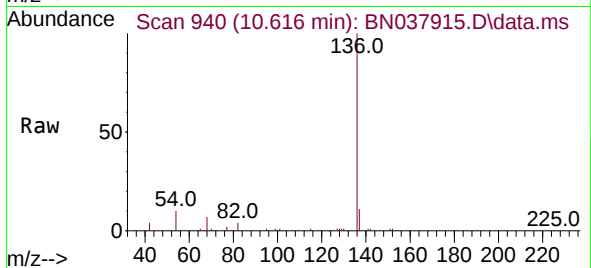
Tgt Ion: 99 Resp: 1639
Ion Ratio Lower Upper
99 100
42 32.4 17.2 25.8#
71 39.1 27.3 40.9



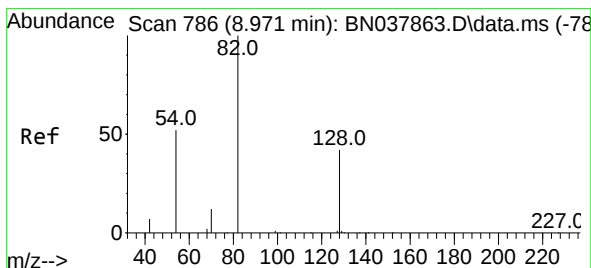
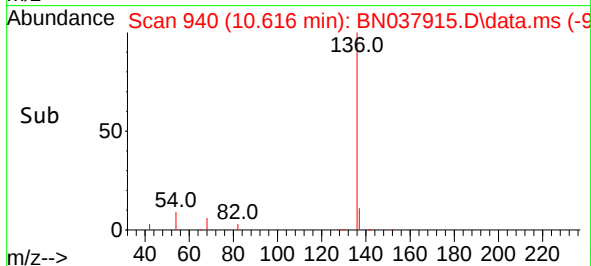
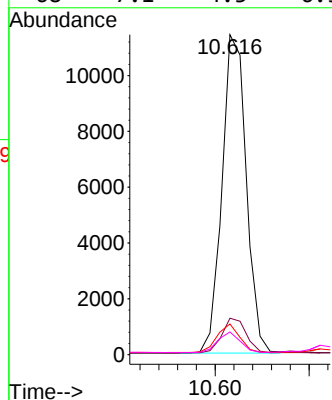


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037915.D
Acq: 26 Sep 2025 07:43

Instrument :
BNA_N
ClientSampleId :

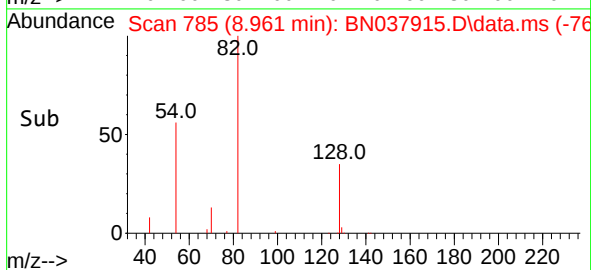
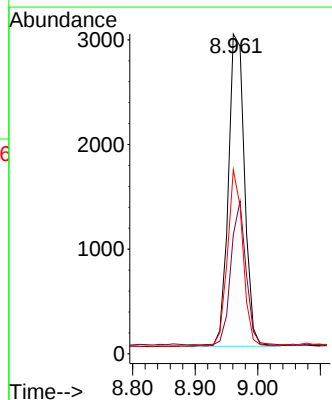
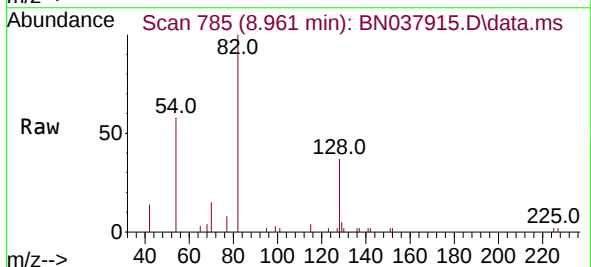


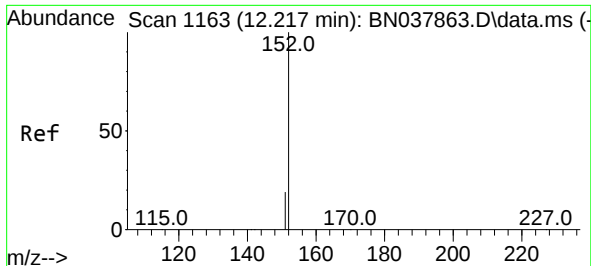
Tgt Ion:136 Resp: 20474
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 9.6 5.8 8.8#
68 7.1 4.3 6.5#



#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037915.D
Acq: 26 Sep 2025 07:43

Tgt Ion: 82 Resp: 5368
Ion Ratio Lower Upper
82 100
128 37.3 34.8 52.2
54 57.5 42.2 63.2

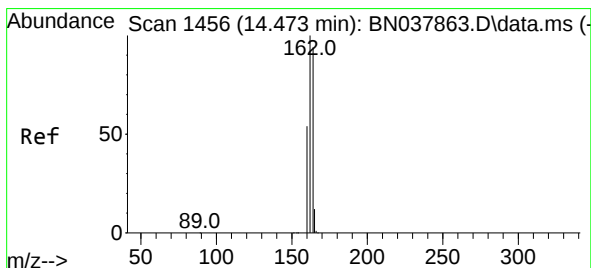
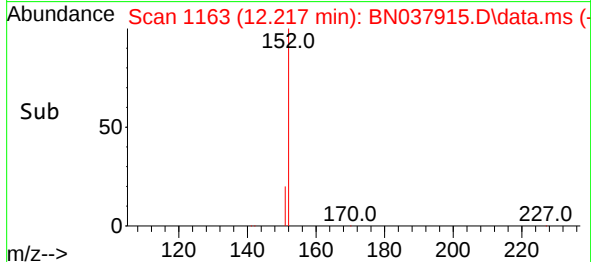
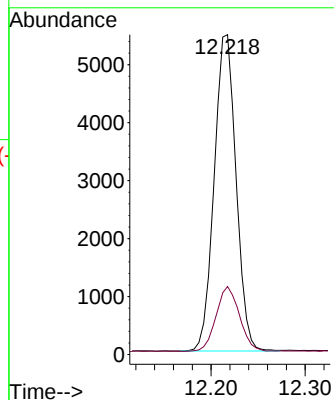
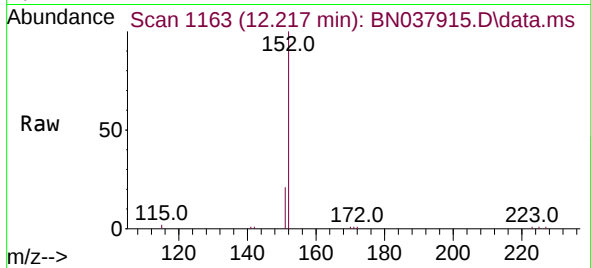




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.217 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN037915.D
Acq: 26 Sep 2025 07:43

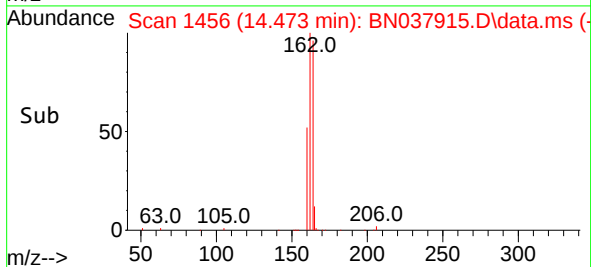
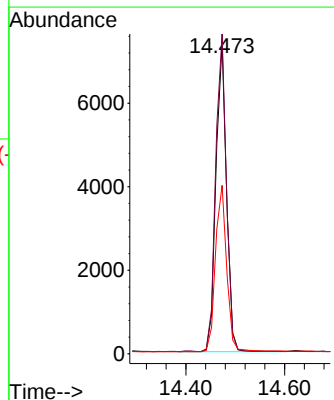
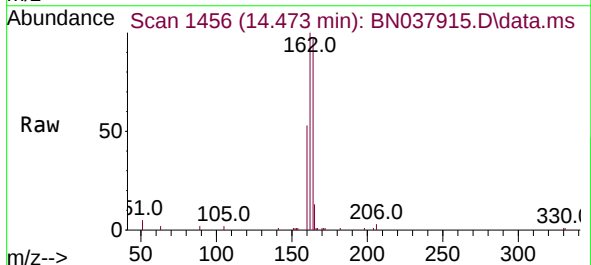
Instrument :
BNA_N
ClientSampleId :

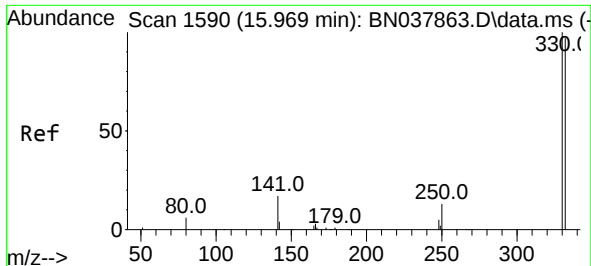
Tgt Ion:152 Resp: 8806
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN037915.D
Acq: 26 Sep 2025 07:43

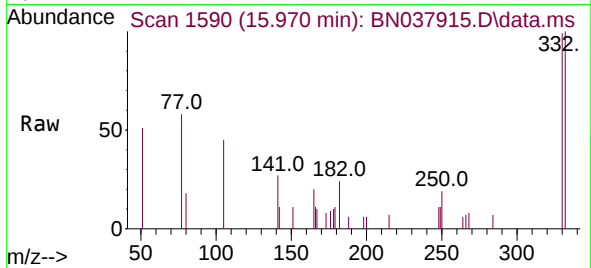
Tgt Ion:164 Resp: 10961
Ion Ratio Lower Upper
164 100
162 103.1 84.8 127.2
160 54.3 46.1 69.1



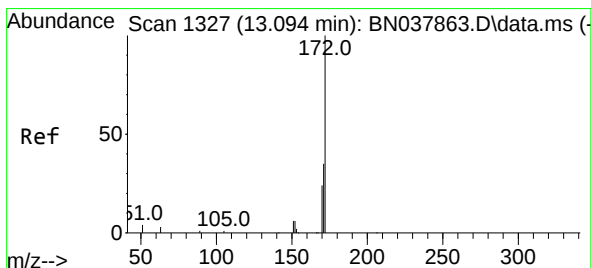
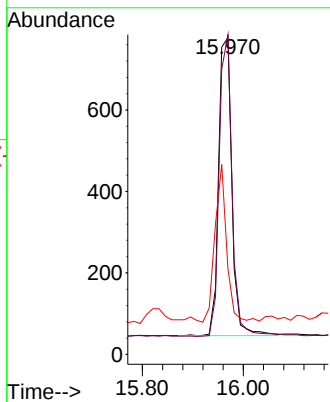
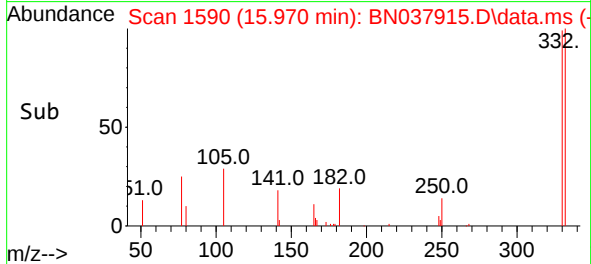


#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.970 min Scan# 1590
Delta R.T. 0.001 min
Lab File: BN037915.D
Acq: 26 Sep 2025 07:43

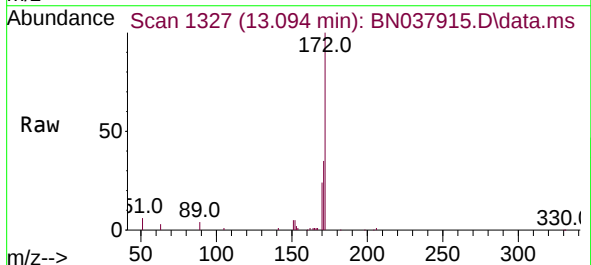
Instrument :
BNA_N
ClientSampleId :



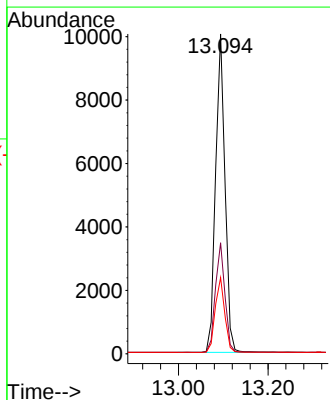
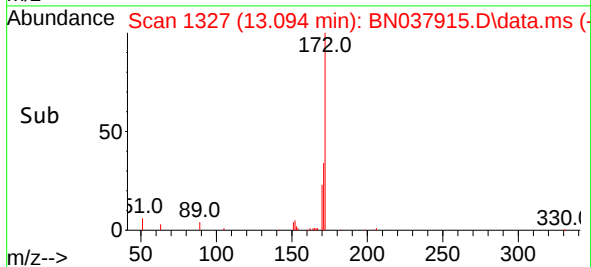
Tgt Ion:330 Resp: 1344
Ion Ratio Lower Upper
330 100
332 98.9 77.2 115.8
141 45.1 37.2 55.8

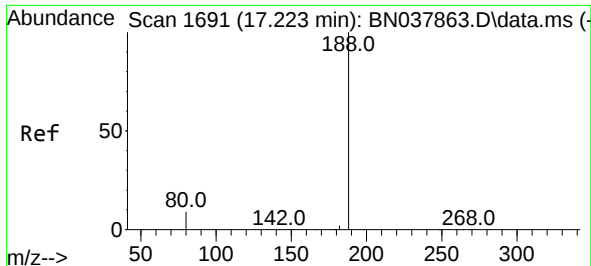


#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 13.094 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BN037915.D
Acq: 26 Sep 2025 07:43



Tgt Ion:172 Resp: 13998
Ion Ratio Lower Upper
172 100
171 34.7 28.6 43.0
170 23.8 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.223 min Scan# 10

Delta R.T. 0.000 min

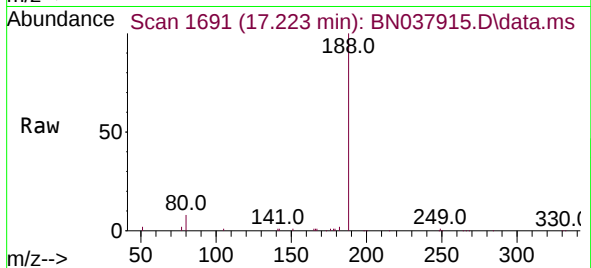
Lab File: BN037915.D

Acq: 26 Sep 2025 07:43

Instrument :

BNA_N

ClientSampleId :



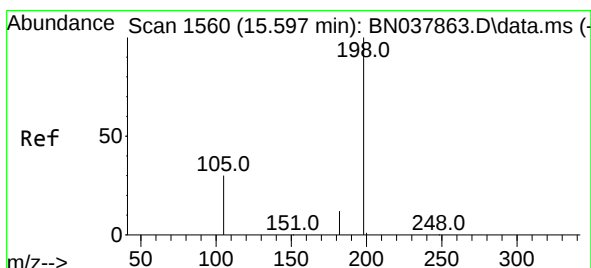
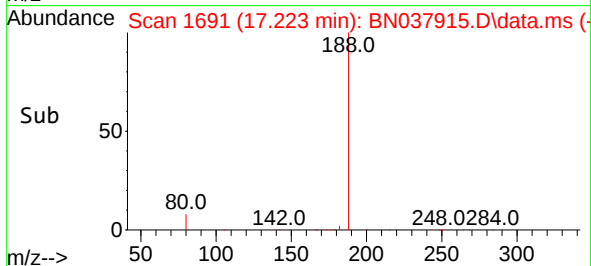
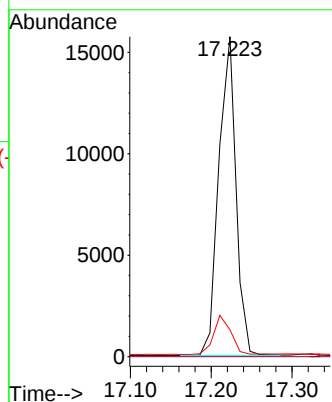
Tgt Ion:188 Resp: 23227

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 7.6 11.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.068 ng

RT: 15.560 min Scan# 1557

Delta R.T. -0.037 min

Lab File: BN037915.D

Acq: 26 Sep 2025 07:43

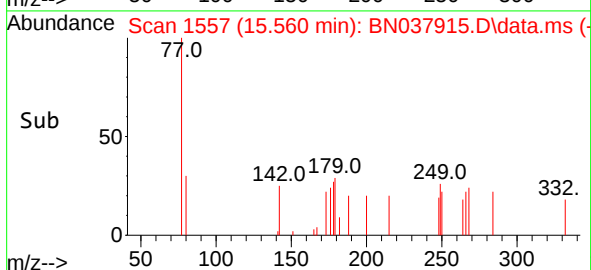
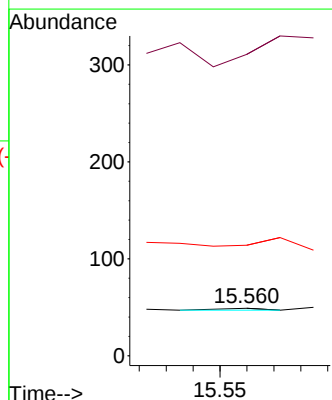
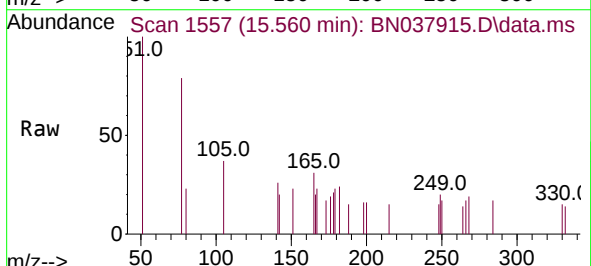
Tgt Ion:198 Resp: 2

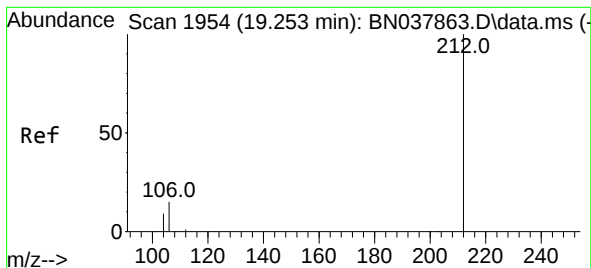
Ion Ratio Lower Upper

198 100

51 634.7 59.1 88.7#

105 232.7 41.3 61.9#





#27

Fluoranthene-d10

Concen: 0.446 ng

RT: 19.253 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BN037915.D

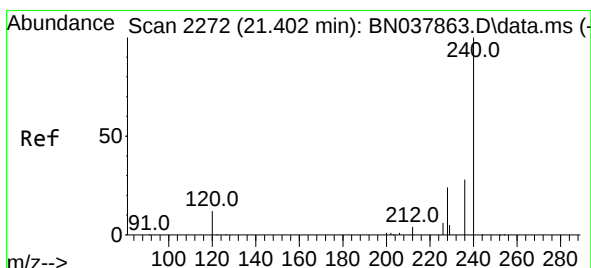
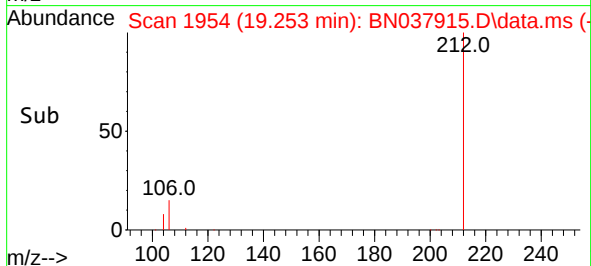
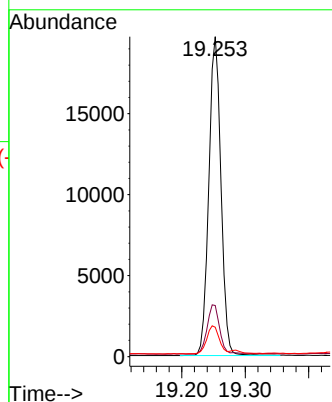
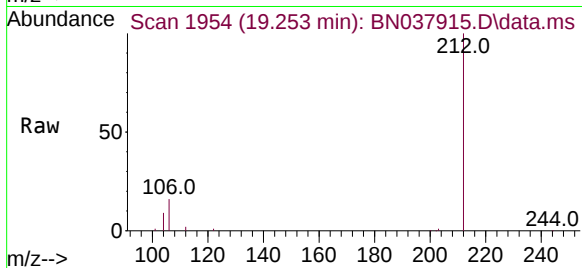
Acq: 26 Sep 2025 07:43

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:212	Resp:	26055
Ion Ratio	Lower	Upper
212	100	
106	16.3	12.6 19.0
104	9.1	7.4 11.0



#29

Chrysene-d12

Concen: 0.400 ng

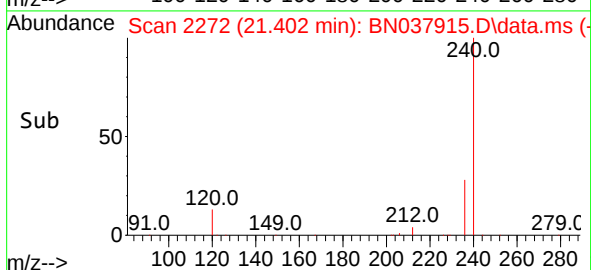
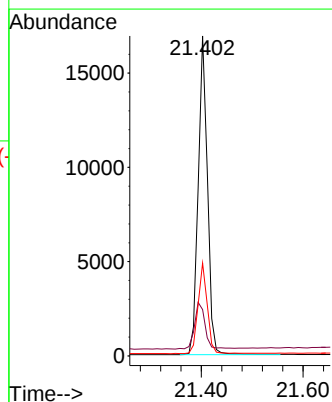
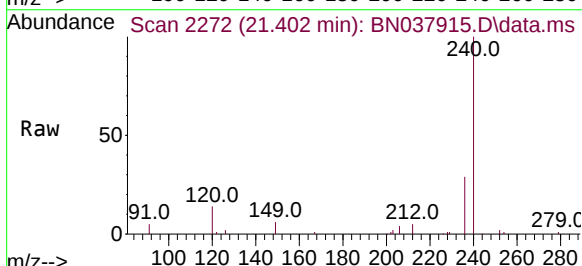
RT: 21.402 min Scan# 2272

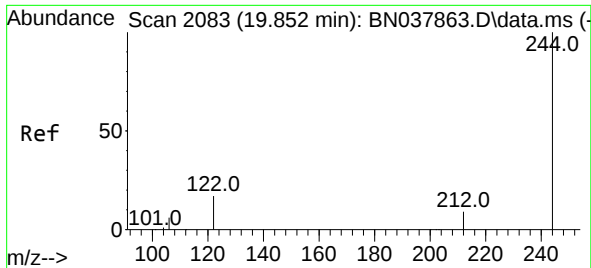
Delta R.T. 0.000 min

Lab File: BN037915.D

Acq: 26 Sep 2025 07:43

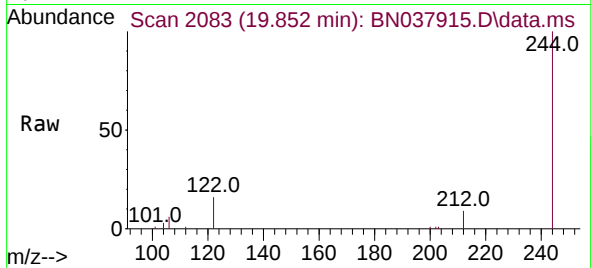
Tgt Ion:240	Resp:	21388
Ion Ratio	Lower	Upper
240	100	
120	14.5	11.4 17.2
236	29.0	23.0 34.6



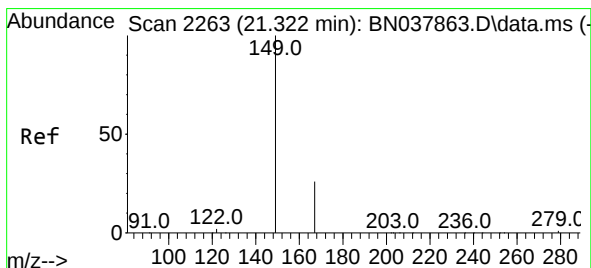
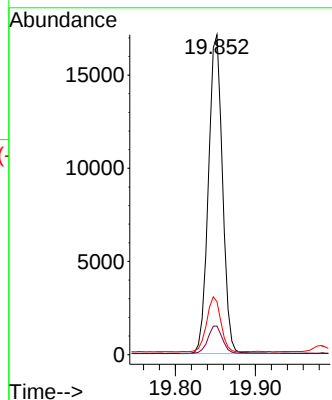


#31
 Terphenyl-d14
 Concen: 0.489 ng
 RT: 19.852 min Scan# 2083
 Delta R.T. 0.000 min
 Lab File: BN037915.D
 Acq: 26 Sep 2025 07:43

Instrument :
 BNA_N
 ClientSampleId :

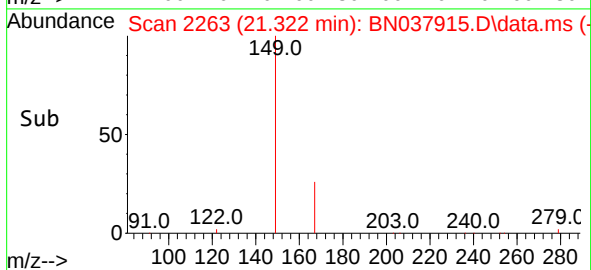
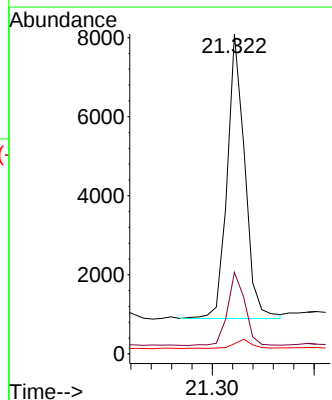
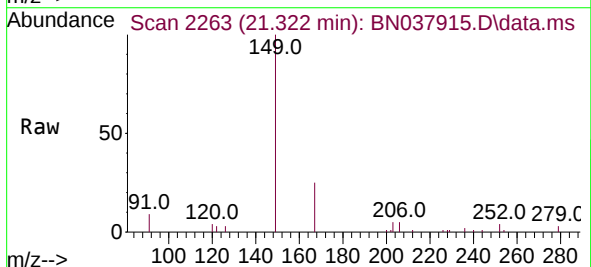


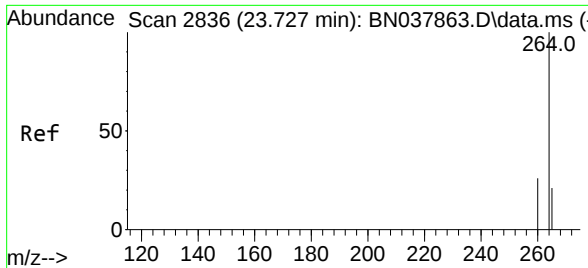
Tgt Ion:244 Resp: 20843
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.6 11.4
 122 16.5 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.292 ng
 RT: 21.322 min Scan# 2263
 Delta R.T. 0.000 min
 Lab File: BN037915.D
 Acq: 26 Sep 2025 07:43

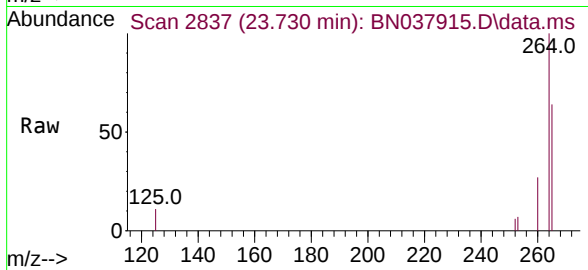
Tgt Ion:149 Resp: 8642
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.4 30.6
 279 3.3 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.730 min Scan# 2837
 Delta R.T. 0.003 min
 Lab File: BN037915.D
 Acq: 26 Sep 2025 07:43

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 19449

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.5	32.3
265	64.4	53.8	80.6

