

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037899.D
 Acq On : 25 Sep 2025 21:18
 Operator : RC/JU
 Sample : Q3156-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20250918

Quant Time: Sep 25 23:51:11 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)

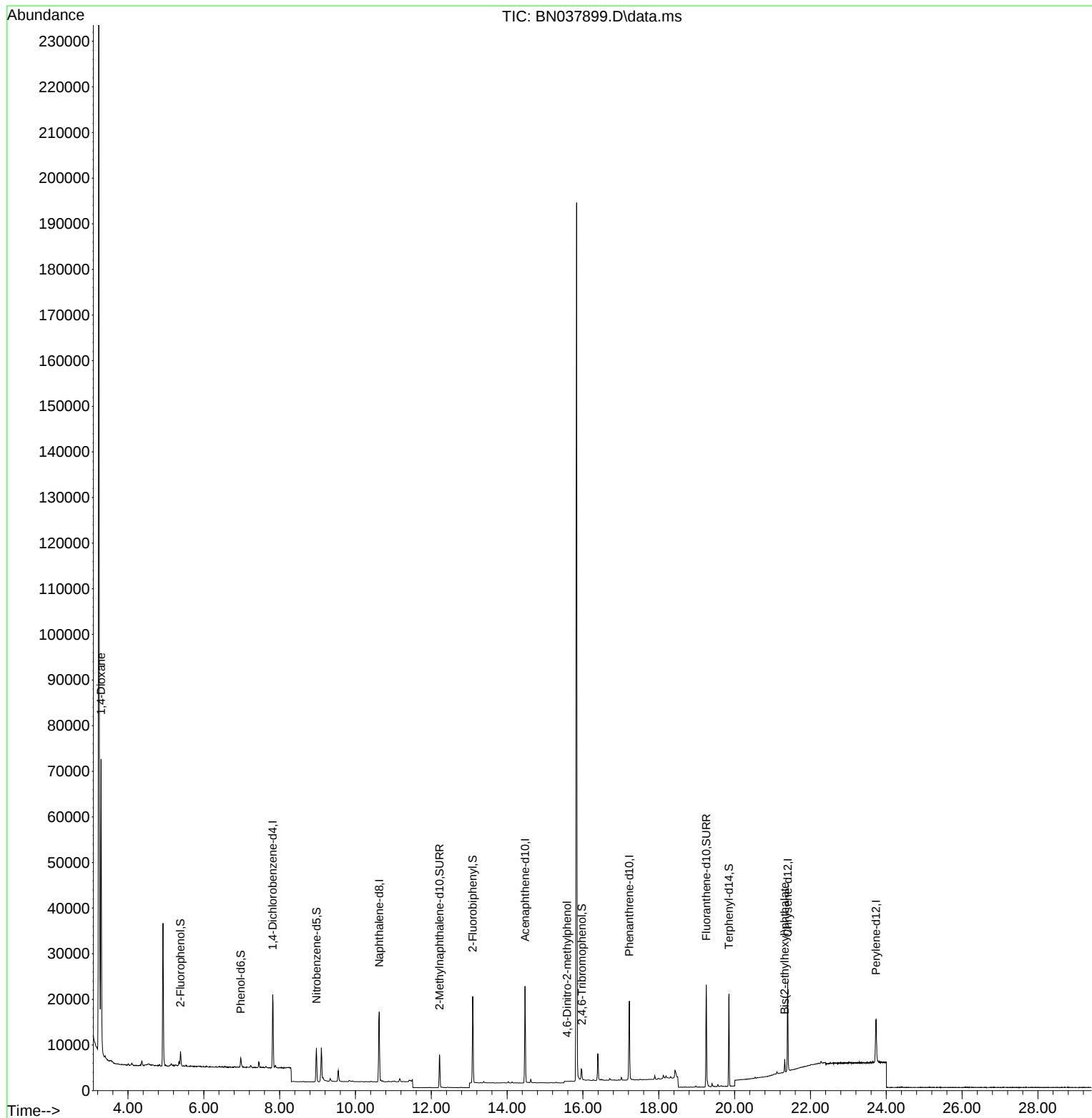
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7384	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	20979	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	10786	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	22576	0.400	ng	0.00
29) Chrysene-d12	21.402	240	17392	0.400	ng	0.00
35) Perylene-d12	23.730	264	13747	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2506	0.149	ng	0.00
5) Phenol-d6	6.973	99	1872	0.085	ng	0.00
8) Nitrobenzene-d5	8.971	82	5819	0.364	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	9648	0.331	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1514	0.370	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15712	0.356	ng	0.00
27) Fluoranthene-d10	19.252	212	23974	0.422	ng	0.00
31) Terphenyl-d14	19.852	244	18157	0.524	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	38085	5.081	ng	99
20) 4,6-Dinitro-2-methylph...	15.584	198	4	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	2931	0.122	ng	95

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

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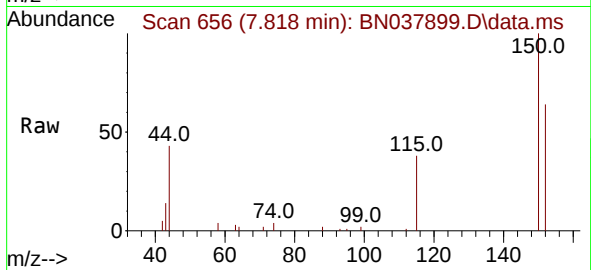
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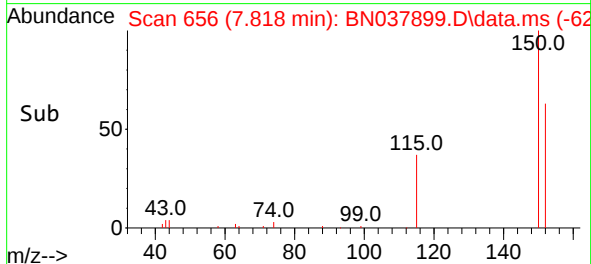
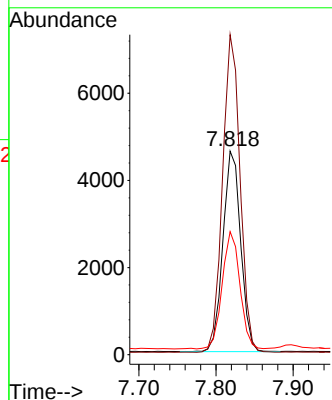
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037899.D
 Acq: 25 Sep 2025 21:18

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20250918



Tgt Ion:152 Resp: 7384

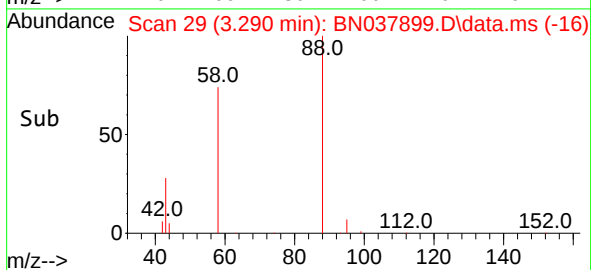
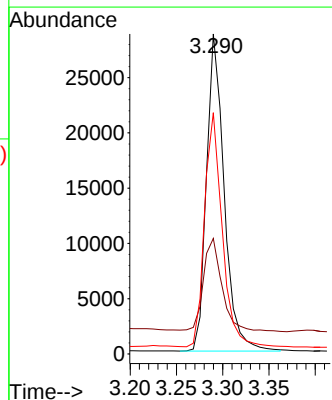
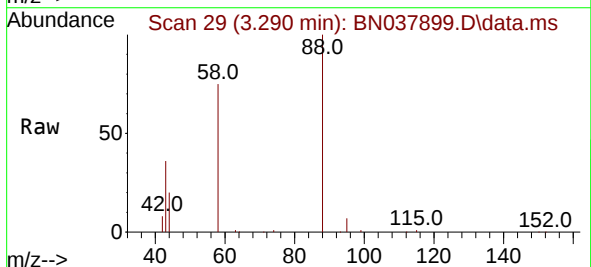
Ion	Ratio	Lower	Upper
152	100		
150	157.2	121.0	181.4
115	60.4	47.4	71.0



#2
 1,4-Dioxane
 Concen: 5.081 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037899.D
 Acq: 25 Sep 2025 21:18

Tgt Ion: 88 Resp: 38085

Ion	Ratio	Lower	Upper
88	100		
43	30.9	26.6	39.8
58	73.3	58.9	88.3

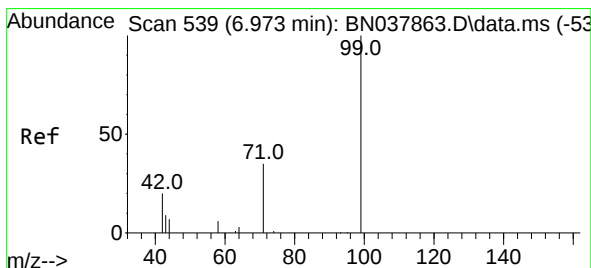
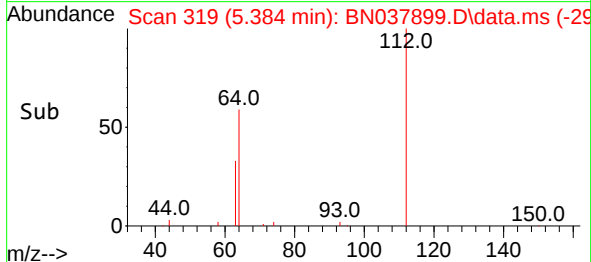
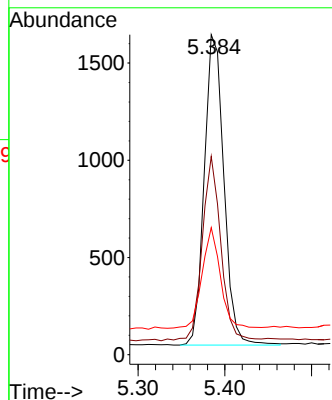
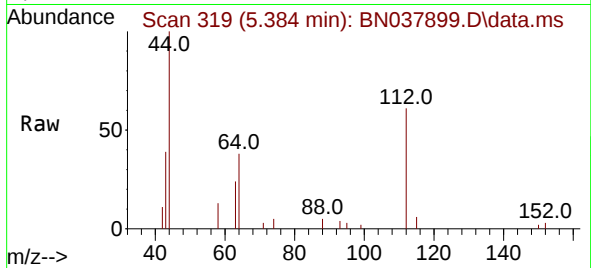




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

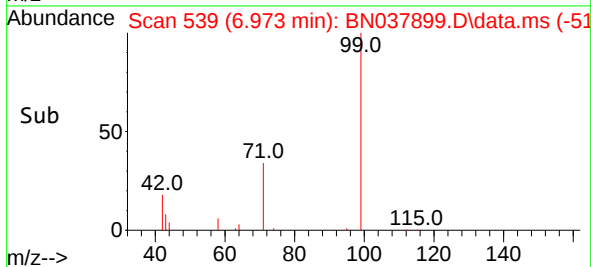
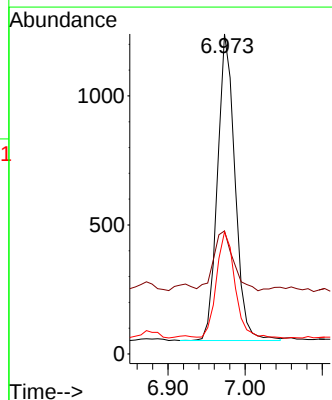
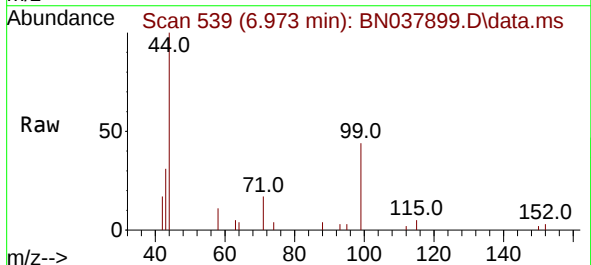
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918

Tgt Ion:112 Resp: 2506
Ion Ratio Lower Upper
112 100
64 56.5 44.6 66.8
63 30.2 24.9 37.3



#5
Phenol-d6
Concen: 0.085 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

Tgt Ion: 99 Resp: 1872
Ion Ratio Lower Upper
99 100
42 21.9 17.2 25.8
71 37.1 27.3 40.9

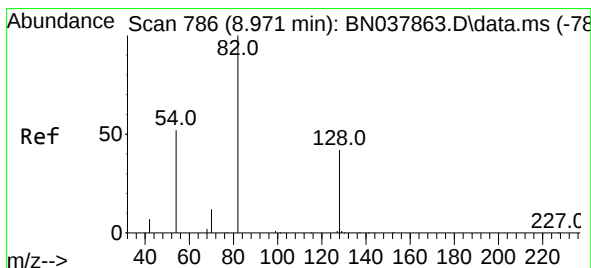
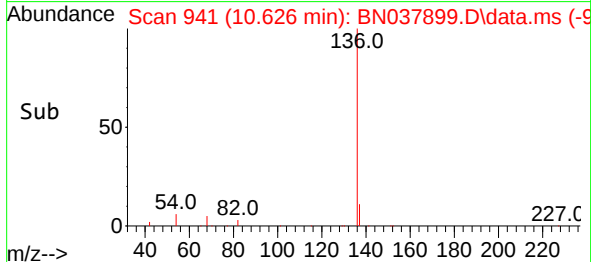
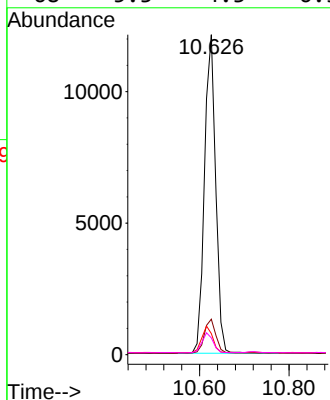
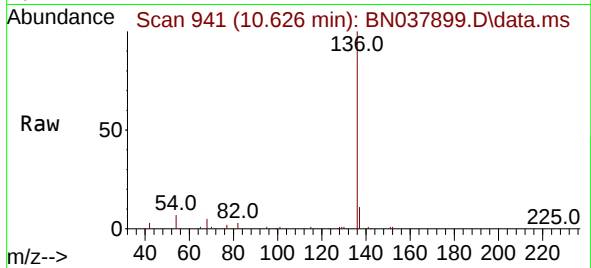




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

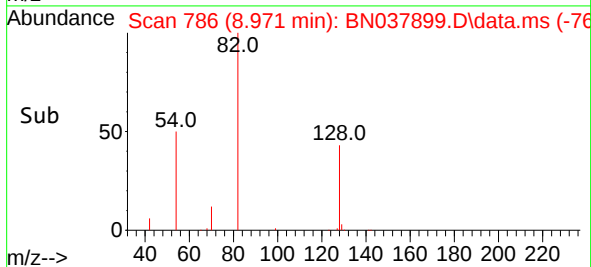
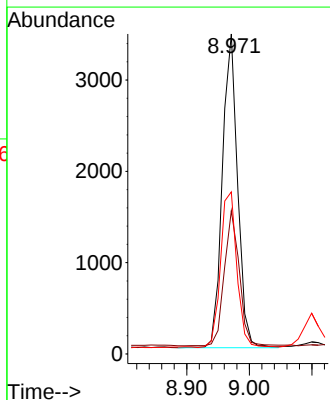
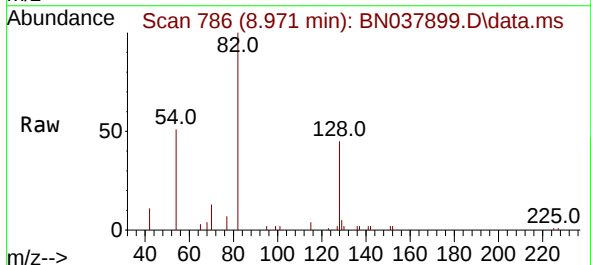
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918

Tgt Ion:	136	Resp:	20979
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.6	5.8	8.8
68	5.3	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

Tgt Ion:	82	Resp:	5819
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.8	52.2
54	50.6	42.2	63.2

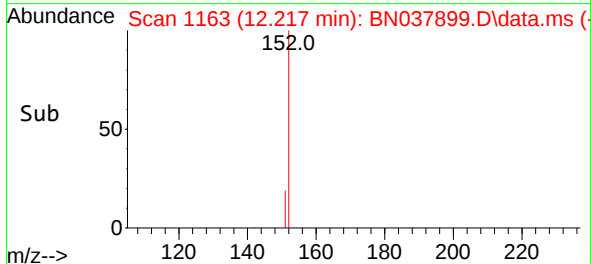
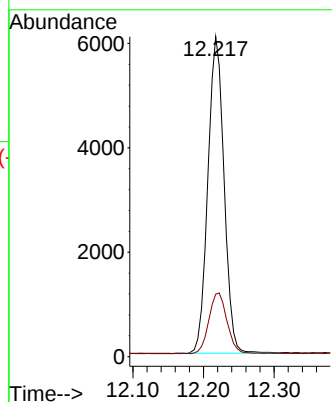
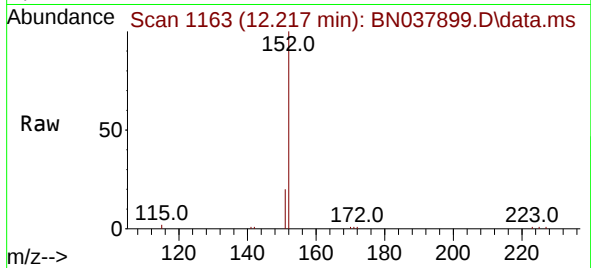




#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

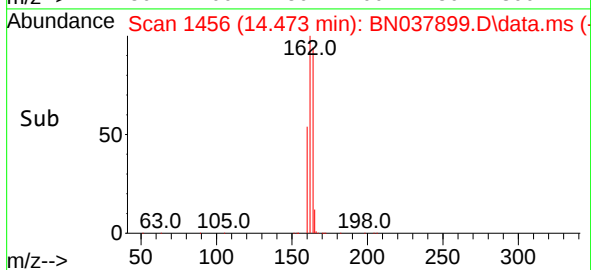
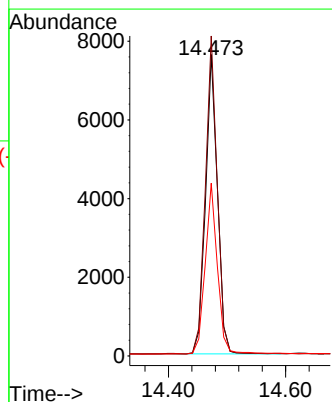
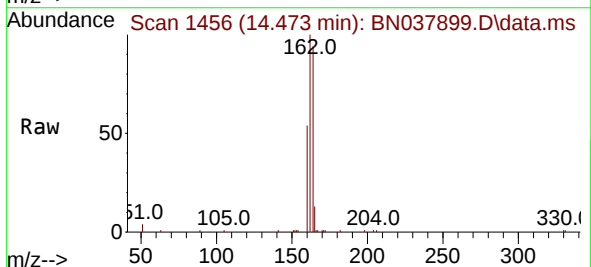
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918

Tgt Ion:152 Resp: 9648
Ion Ratio Lower Upper
152 100
151 21.5 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: BN037899.D
Acq: 25 Sep 2025 21:18

Tgt Ion:164 Resp: 10786
Ion Ratio Lower Upper
164 100
162 106.1 84.8 127.2
160 57.3 46.1 69.1

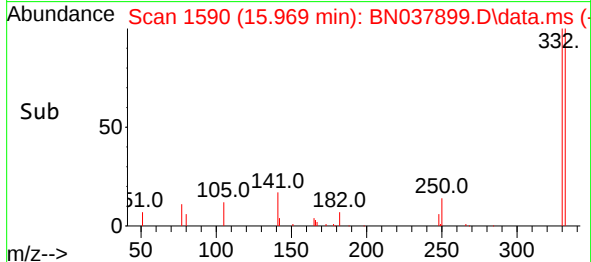
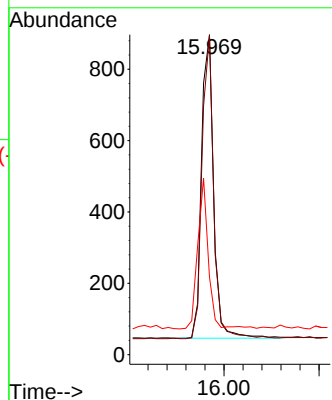
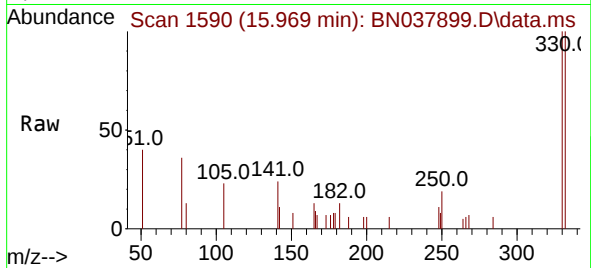




#14
 2,4,6-Tribromophenol
 Concen: 0.370 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. 0.000 min
 Lab File: BN037899.D
 Acq: 25 Sep 2025 21:18

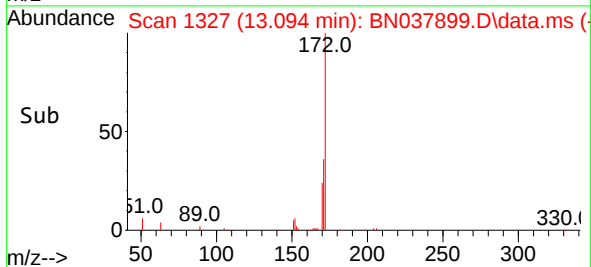
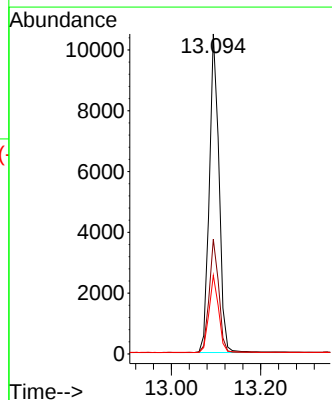
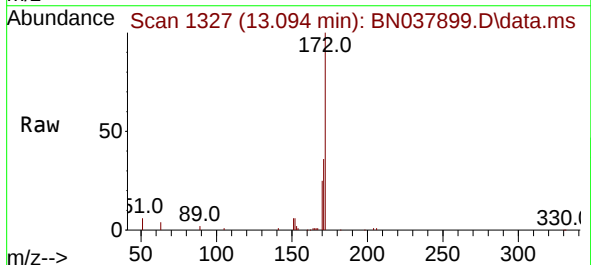
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 RE132D4-20250918

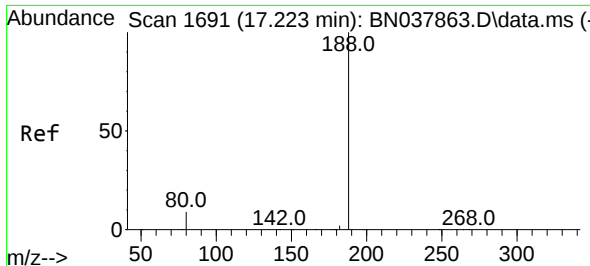
Tgt Ion:330 Resp: 1514
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.2 115.8
 141 42.5 37.2 55.8



#15
 2-Fluorobiphenyl
 Concen: 0.356 ng
 RT: 13.094 min Scan# 1327
 Delta R.T. -0.000 min
 Lab File: BN037899.D
 Acq: 25 Sep 2025 21:18

Tgt Ion:172 Resp: 15712
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 24.6 19.7 29.5

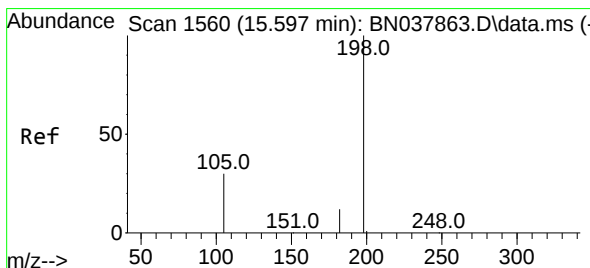
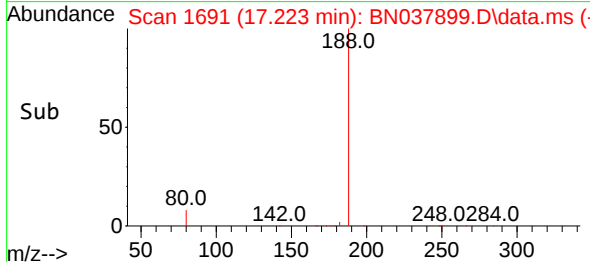
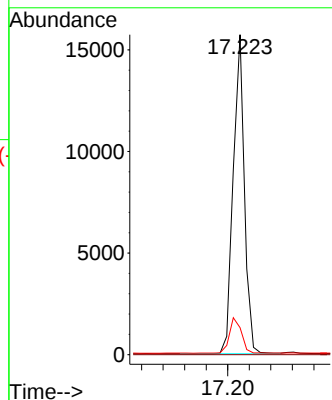
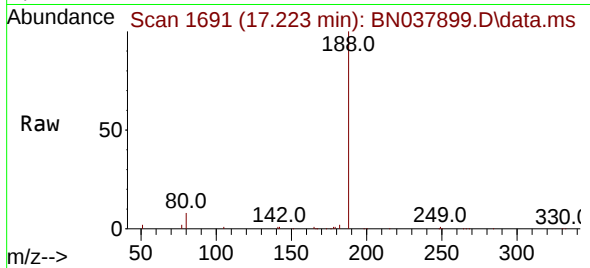




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

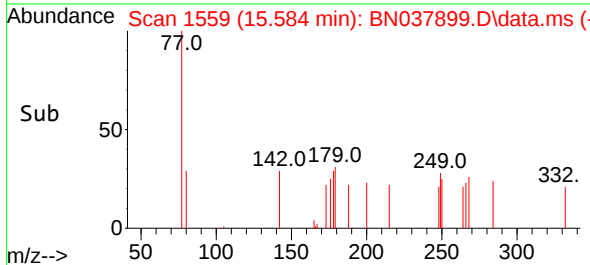
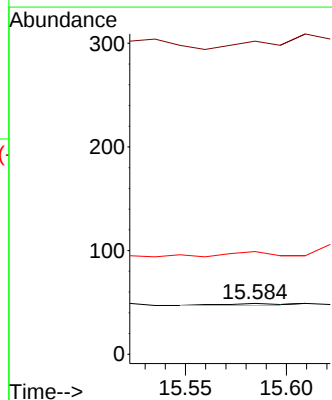
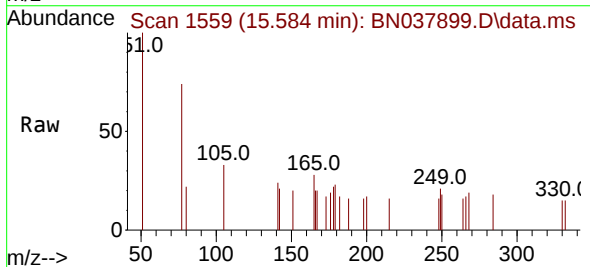
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918

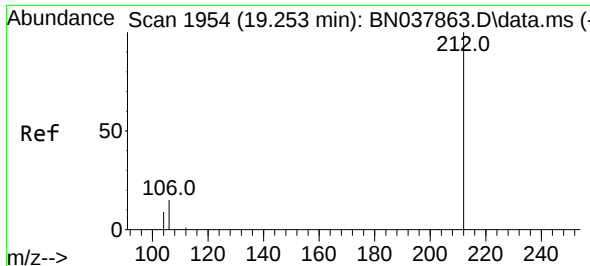
Tgt Ion:188 Resp: 22576
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.584 min Scan# 1559
Delta R.T. -0.013 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 616.3 59.1 88.7#
105 202.0 41.3 61.9#

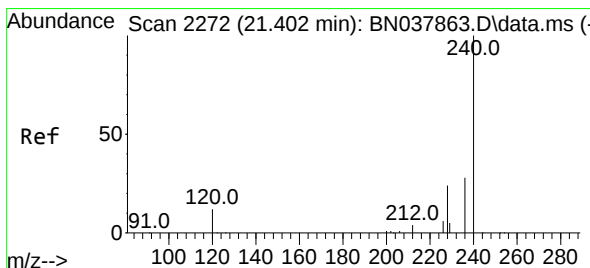
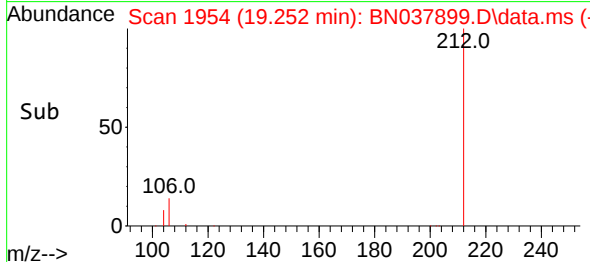
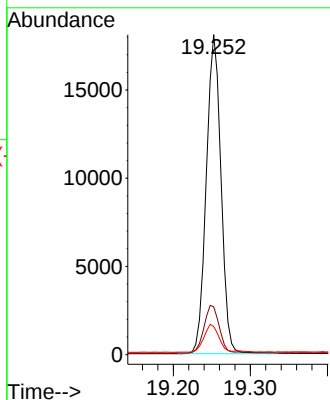
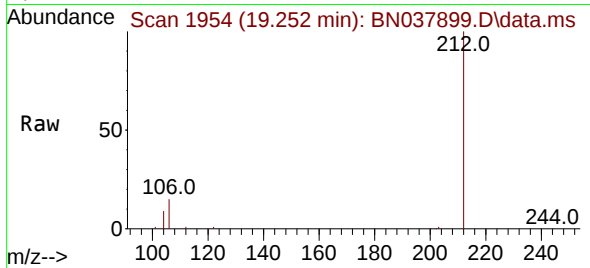




#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

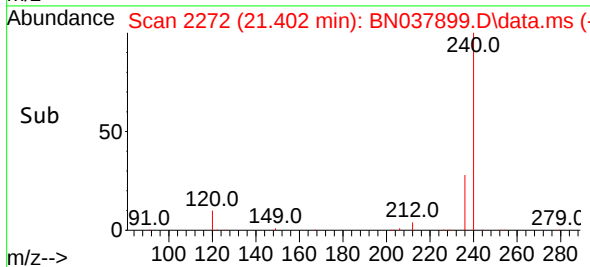
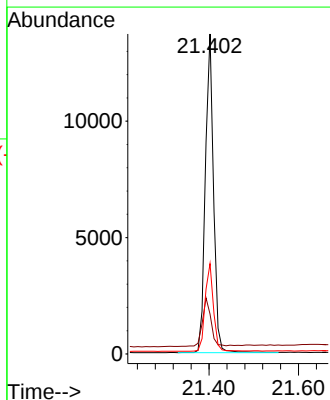
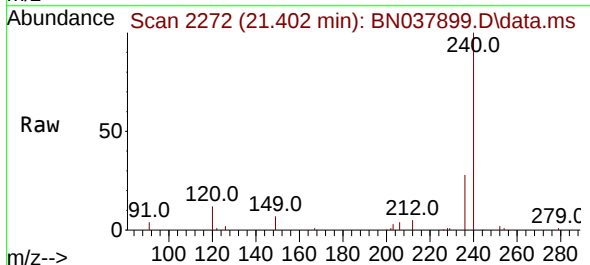
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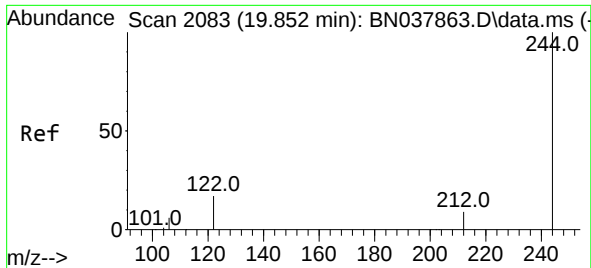
Tgt Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	9.2	7.4	11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	11.4	17.2
236	28.3	23.0	34.6

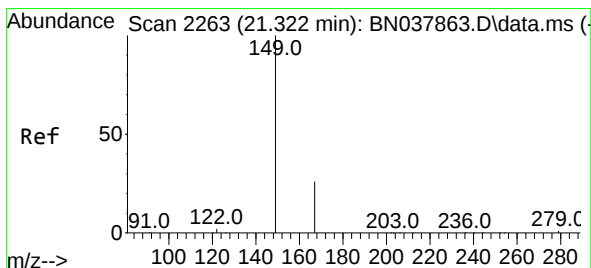
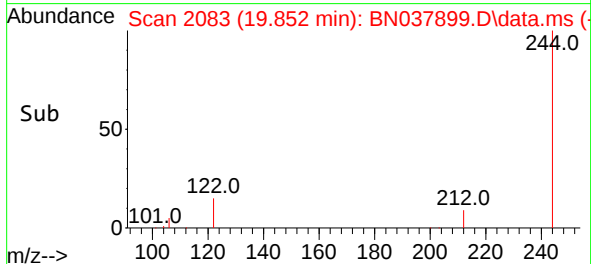
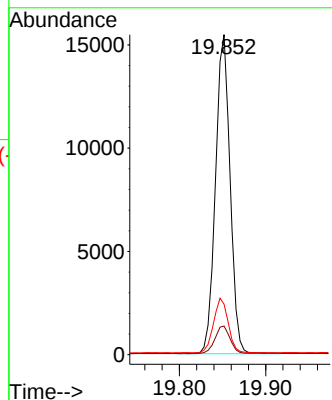
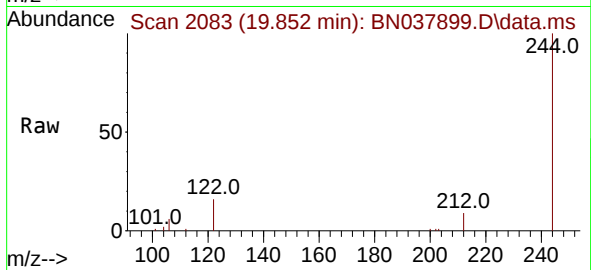




#31
 Terphenyl-d14
 Concen: 0.524 ng
 RT: 19.852 min Scan# 2083
 Delta R.T. -0.000 min
 Lab File: BN037899.D
 Acq: 25 Sep 2025 21:18

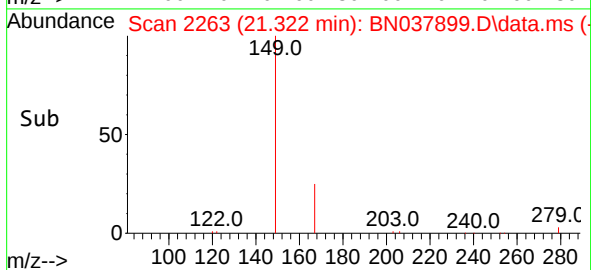
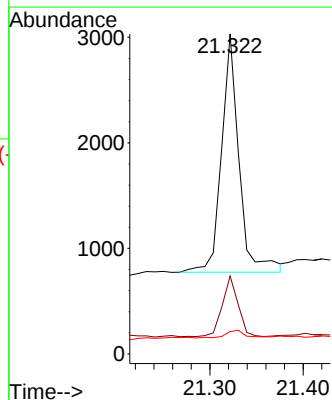
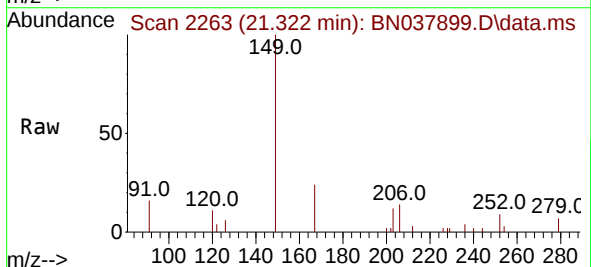
Instrument :
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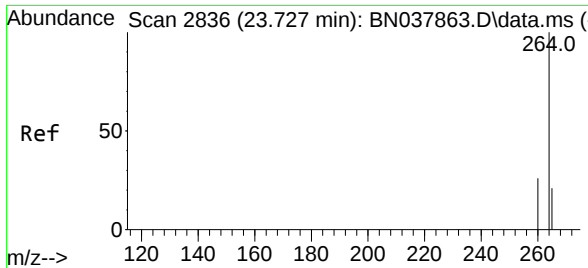
Tgt Ion:244 Resp: 18157
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.6 11.4
 122 15.8 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.122 ng
 RT: 21.322 min Scan# 2263
 Delta R.T. -0.000 min
 Lab File: BN037899.D
 Acq: 25 Sep 2025 21:18

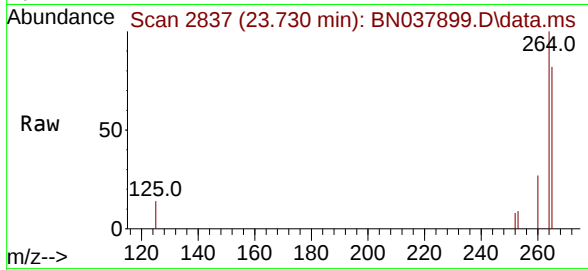
Tgt Ion:149 Resp: 2931
 Ion Ratio Lower Upper
 149 100
 167 22.8 20.4 30.6
 279 3.5 2.4 3.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.730 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918



Tgt Ion:264 Resp: 13747
Ion Ratio Lower Upper
264 100
260 26.9 21.5 32.3
265 82.4 53.8 80.6#

