

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)

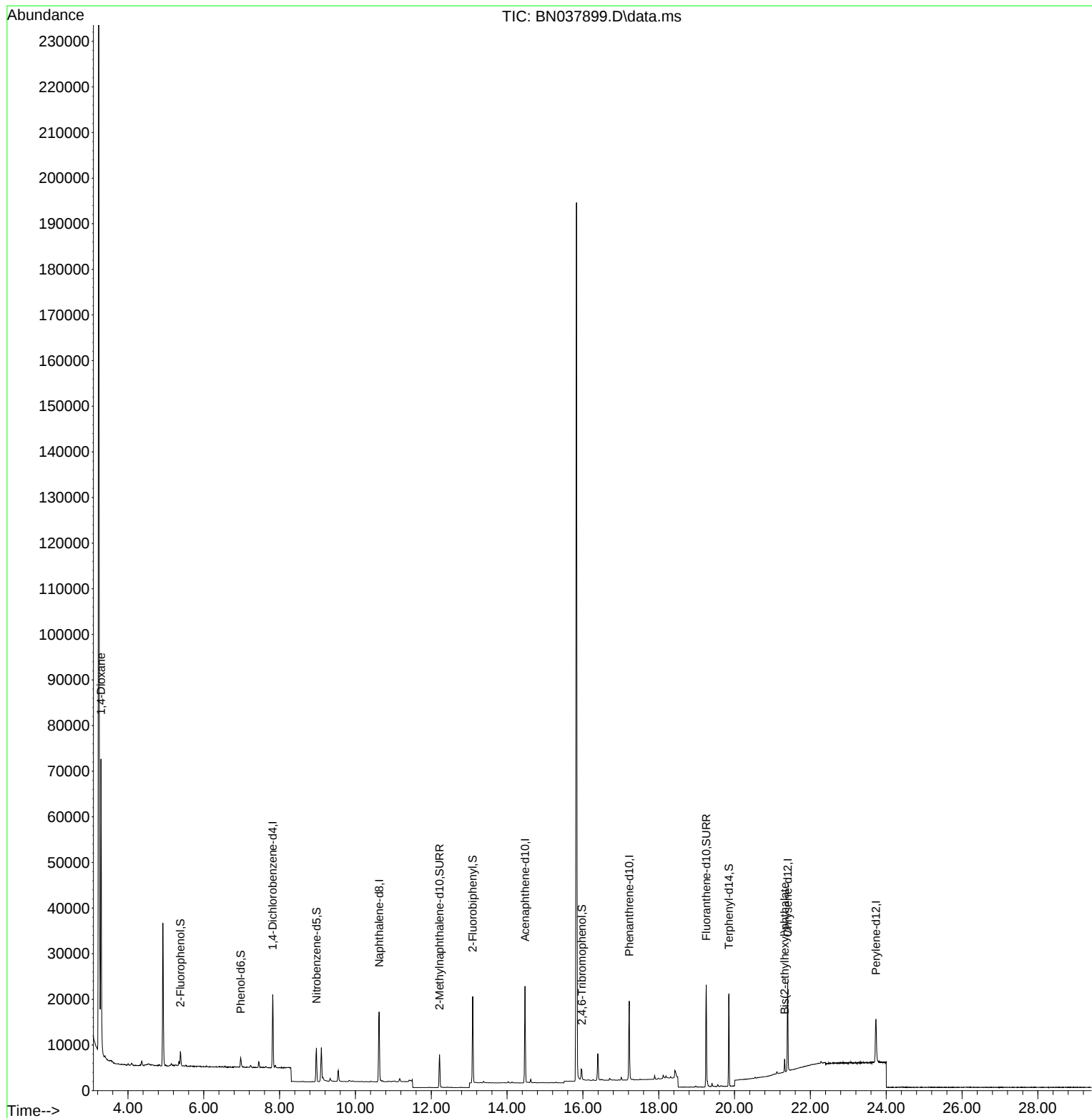
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7384	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	20979	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	10786	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	22576	0.400	ng	0.00
29) Chrysene-d12	21.402	240	17392	0.400	ng	0.00
35) Perylene-d12	23.730	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
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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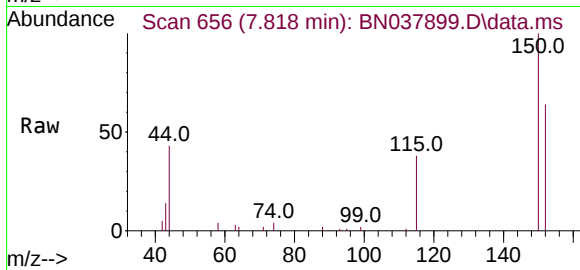
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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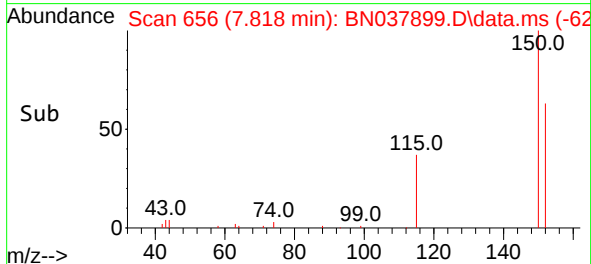
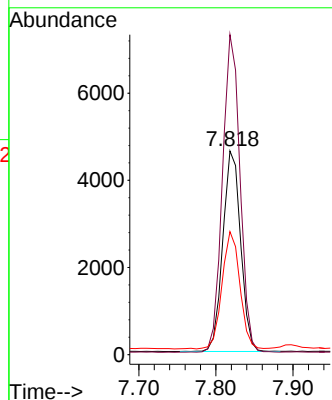
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037899.D
 Acq: 25 Sep 2025 21:18

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20250918



Tgt Ion:152 Resp: 7384

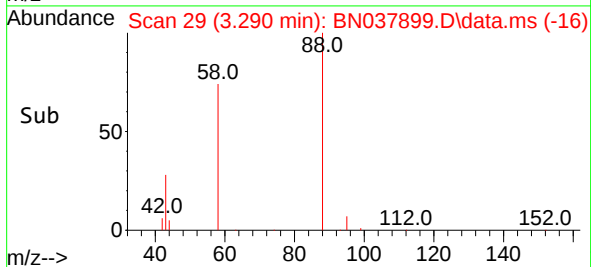
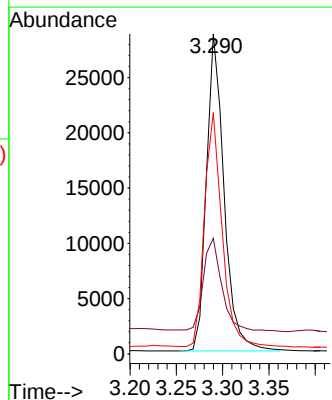
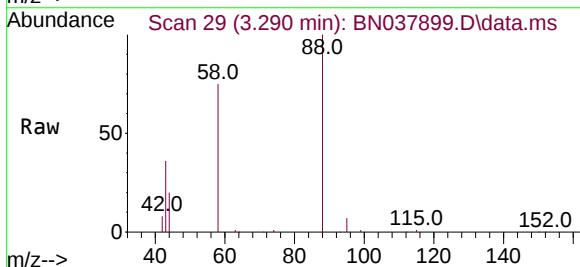
Ion	Ratio	Lower	Upper
152	100		
150	157.2	121.0	181.4
115	60.4	47.4	71.0



#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

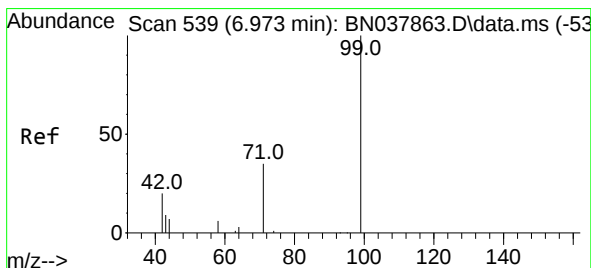
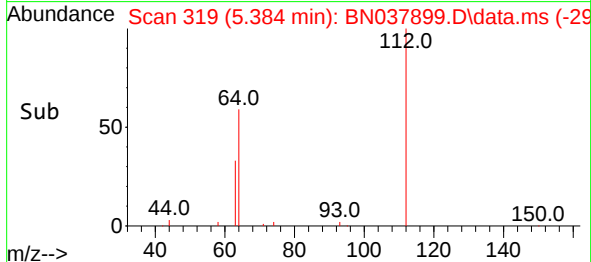
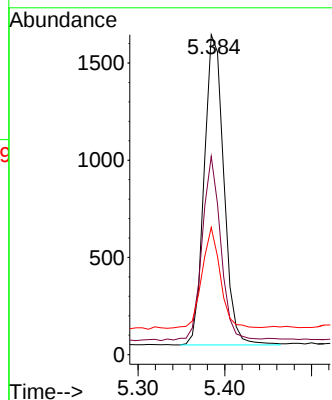
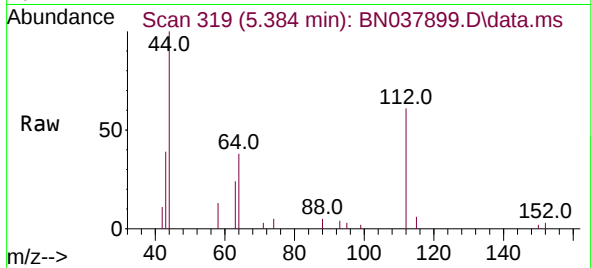




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

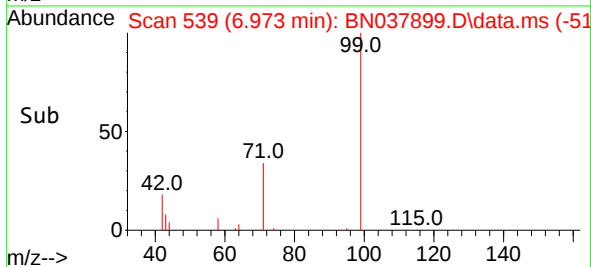
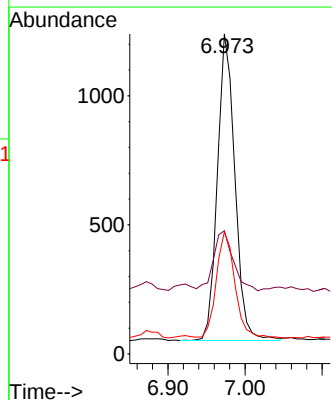
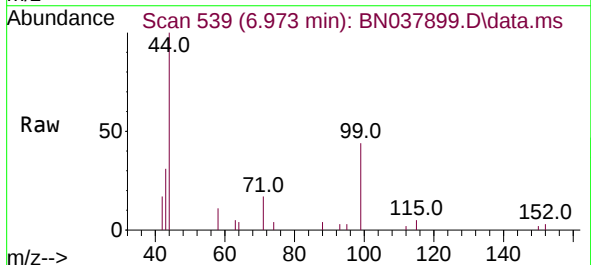
Instrument :
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ClientSampleId :
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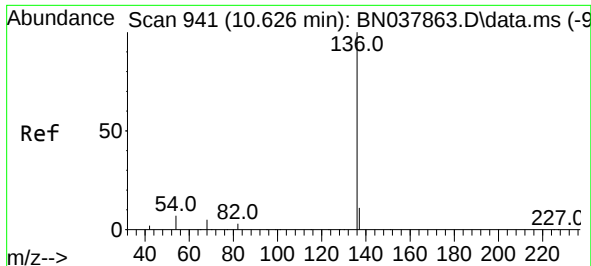
Tgt Ion:	112	Resp:	2506
Ion Ratio	Lower	Upper	
112	100		
64	56.5	44.6	66.8
63	30.2	24.9	37.3



#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

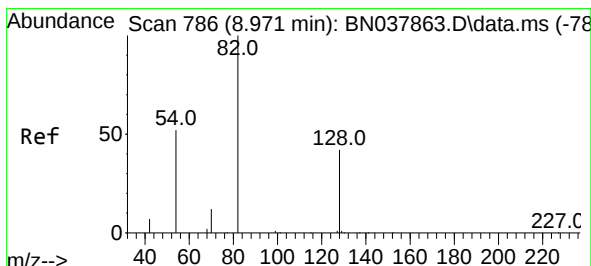
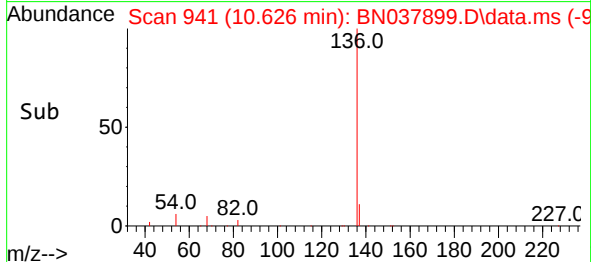
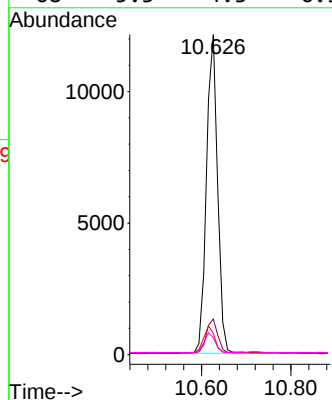
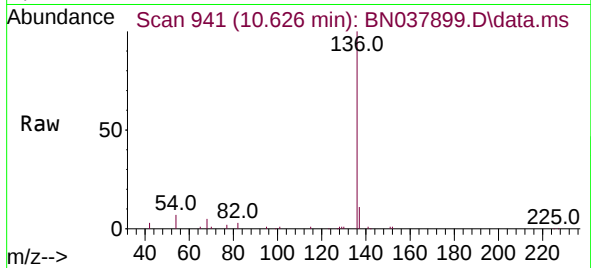




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

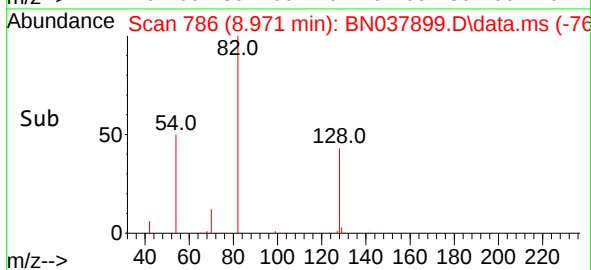
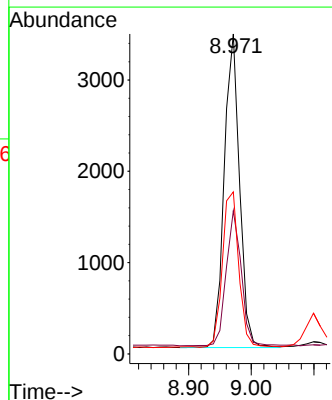
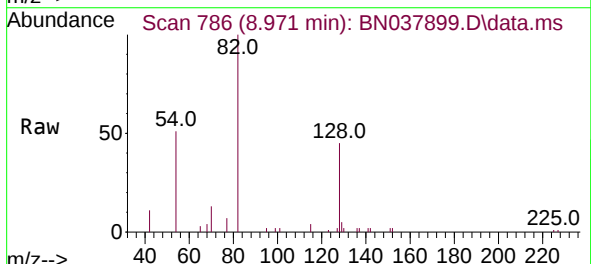
Instrument :
BNA_N
ClientSampleId :
RE132D4-20250918

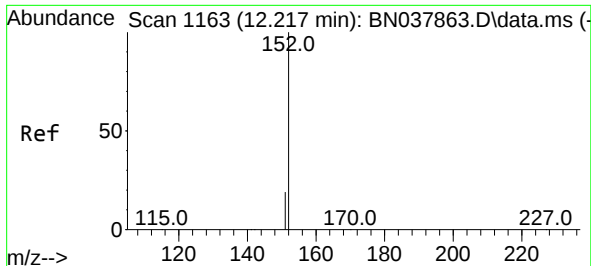
Tgt Ion:	136	Resp:	20979
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	6.6	5.8	8.8
68	5.3	4.3	6.5



#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

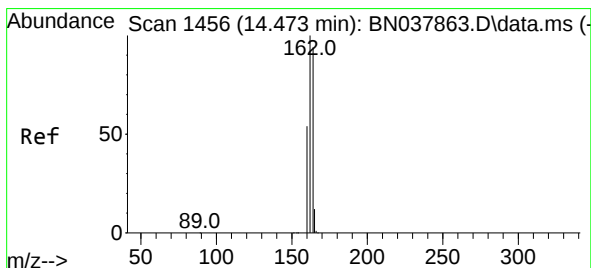
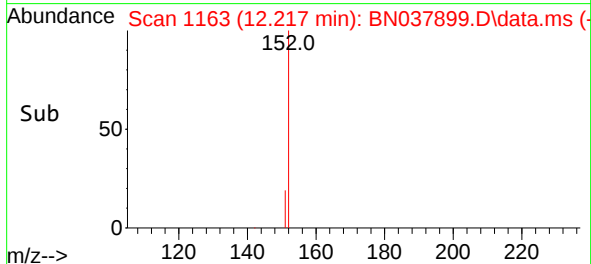
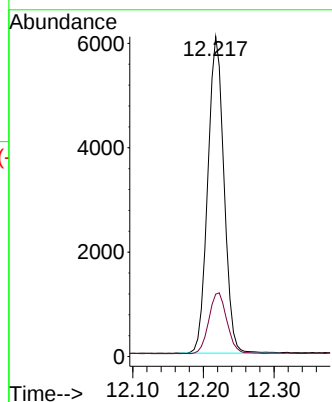
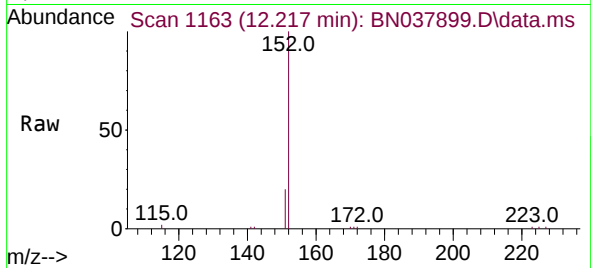




#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

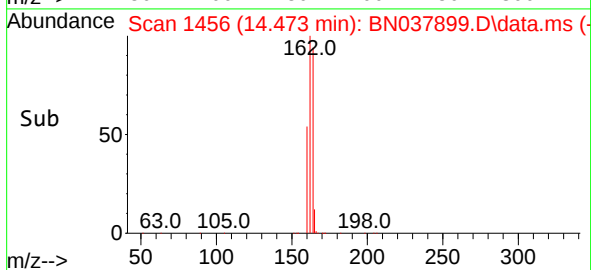
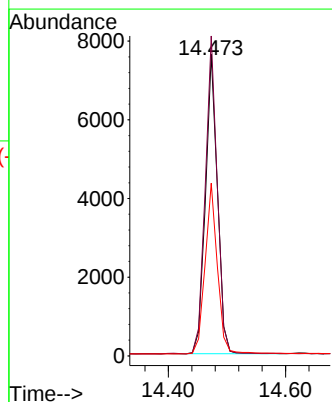
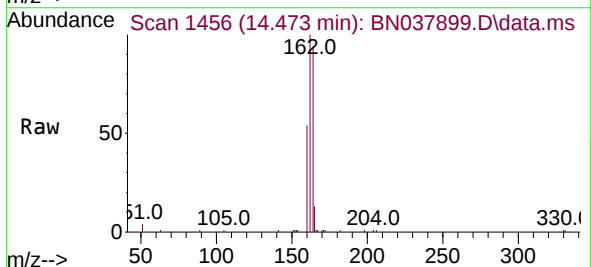
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ClientSampleId :
RE132D4-20250918

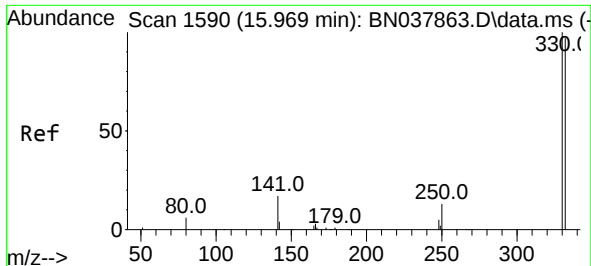
Tgt Ion:152 Resp: 9648
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.2



#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

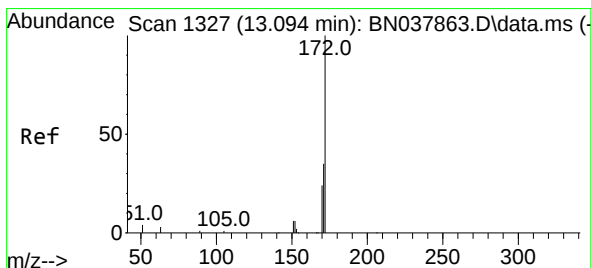
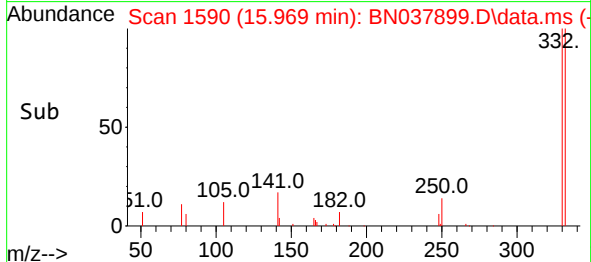
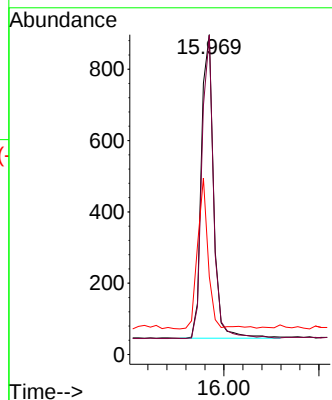
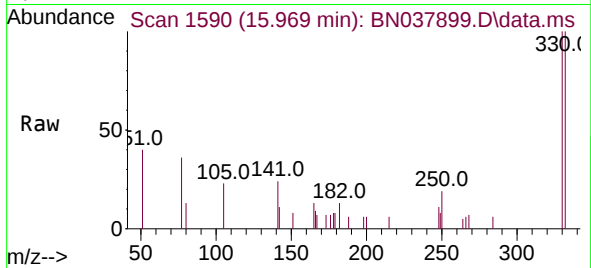




#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

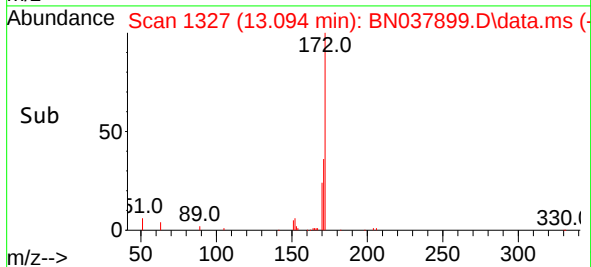
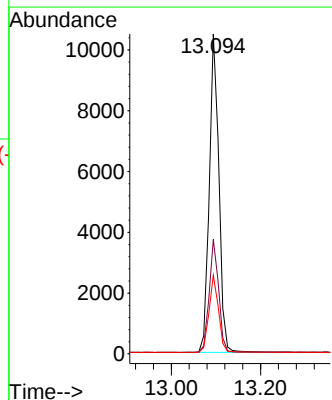
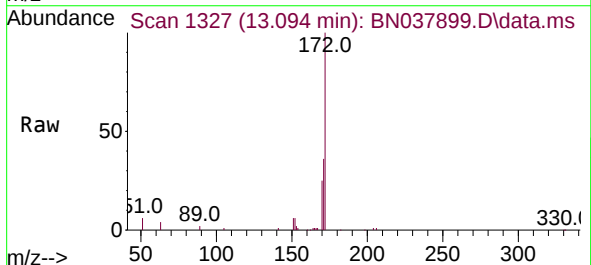
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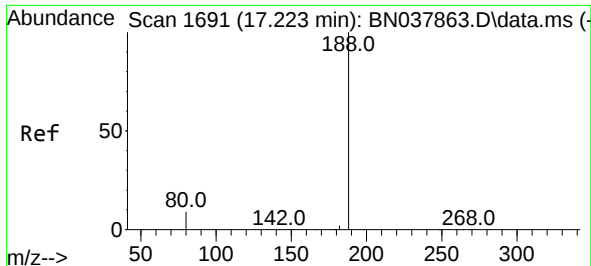
Tgt Ion:330 Resp: 1514
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 42.5 37.2 55.8



#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

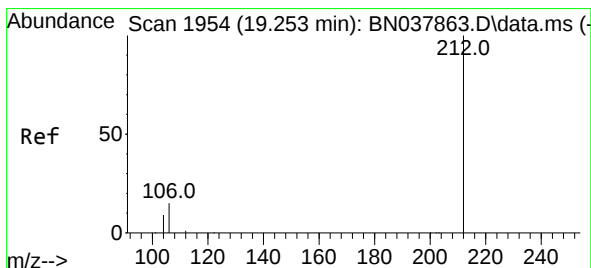
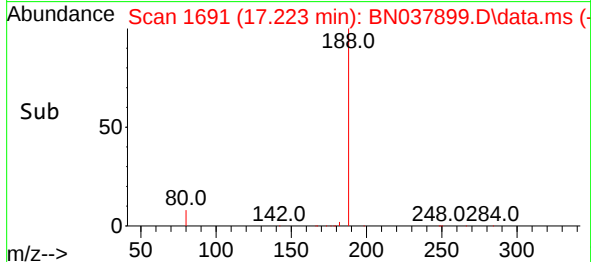
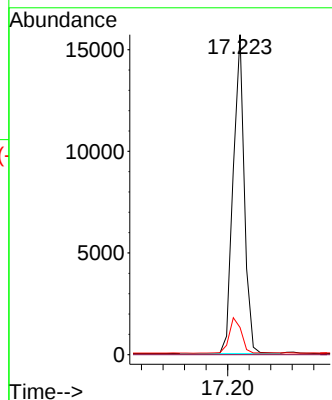
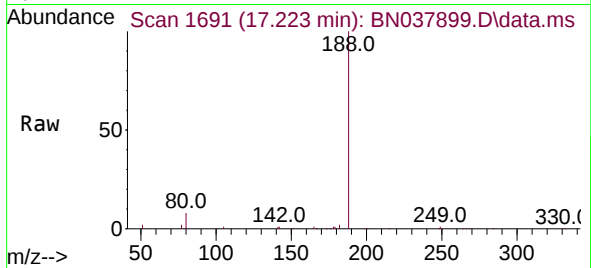




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037899.D
Acq: 25 Sep 2025 21:18

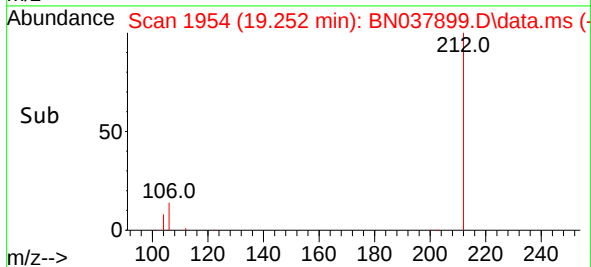
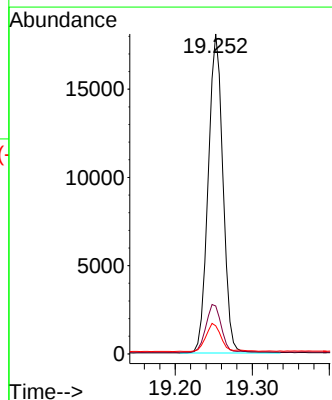
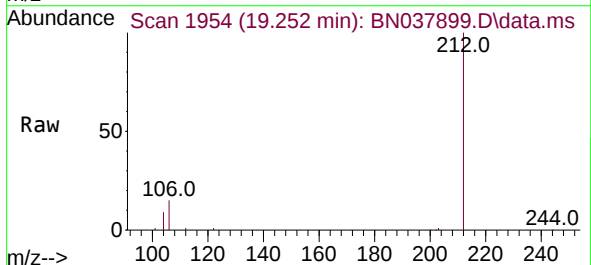
Instrument :
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ClientSampleId :
RE132D4-20250918

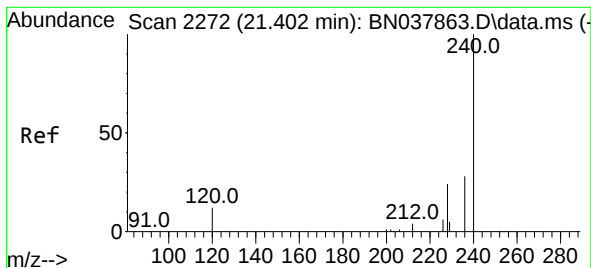
Tgt Ion:188 Resp: 22576
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.6 11.4



#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

Tgt Ion:212 Resp: 23974
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# 21

Delta R.T. -0.000 min

Lab File: BN037899.D

Acq: 25 Sep 2025 21:18

Instrument :

BNA_N

ClientSampleId :

RE132D4-20250918

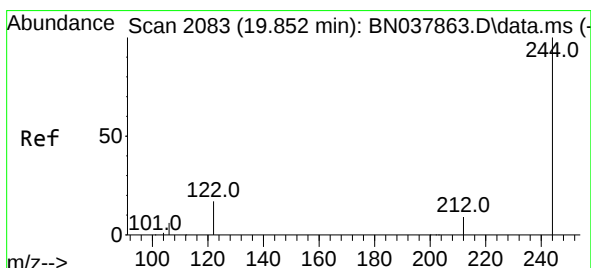
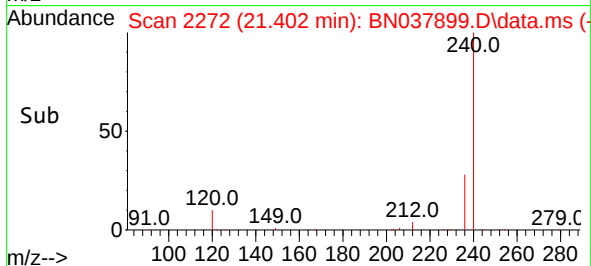
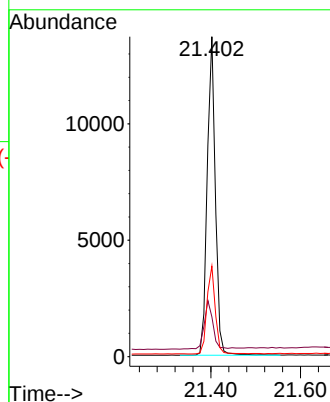
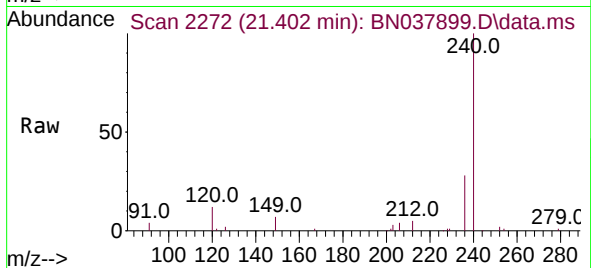
Tgt Ion:240 Resp: 17392

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

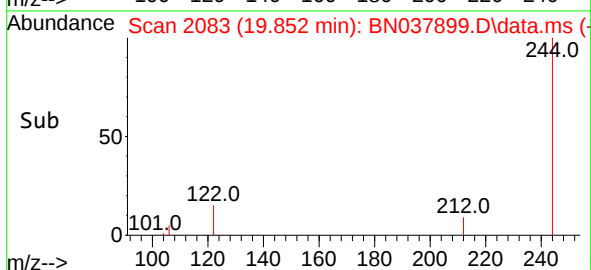
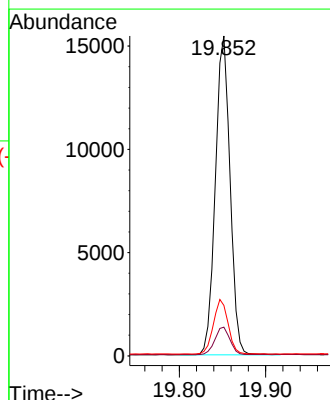
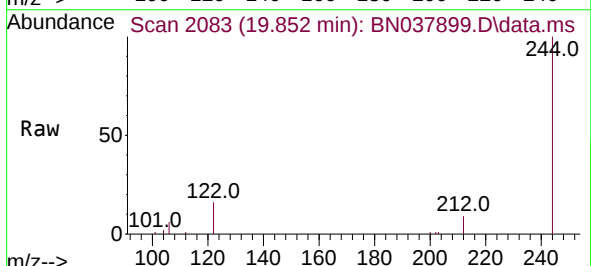
Tgt Ion:244 Resp: 18157

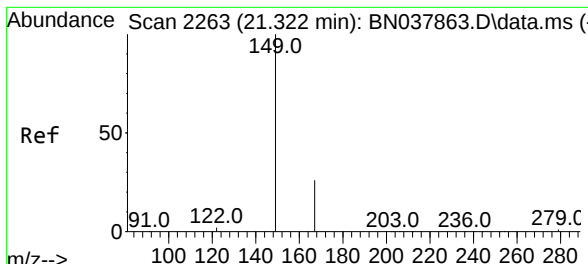
Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

122 15.8 13.9 20.9

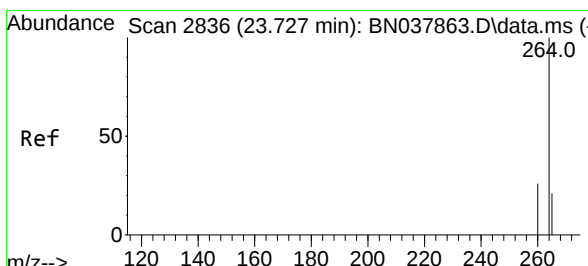
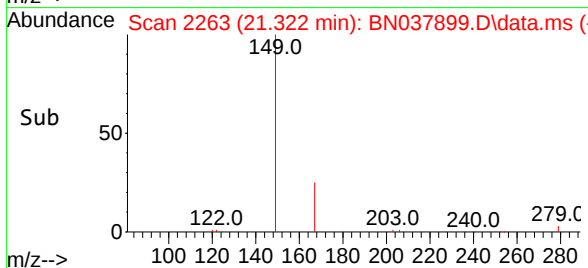
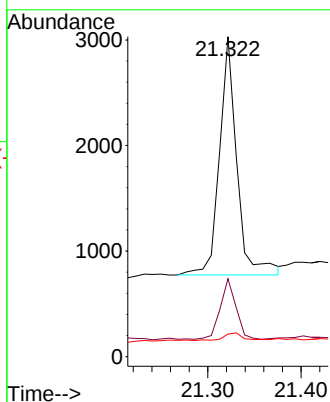
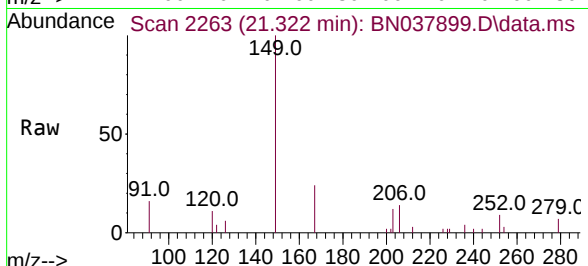




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.122 ng
 RT: 21.322 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037899.D
 Acq: 25 Sep 2025 21:18

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20250918

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# 2837
 Delta R.T. 0.003 min
 Lab File: BN037899.D
 Acq: 25 Sep 2025 21:18

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

