

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037900.D
 Acq On : 25 Sep 2025 21:54
 Operator : RC/JU
 Sample : Q3156-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20250918

Quant Time: Sep 25 23:51:26 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)

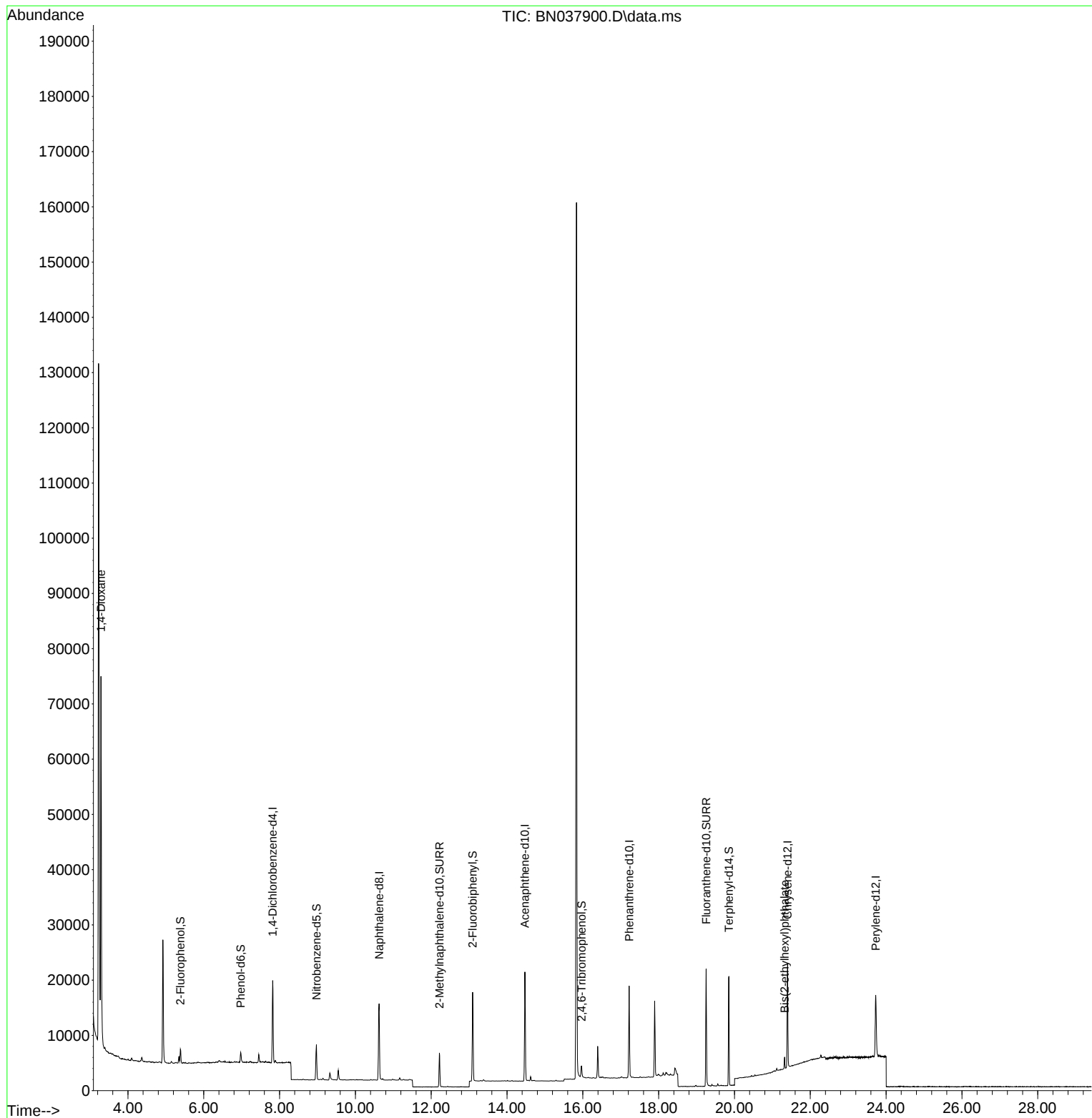
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6739	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	19035	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	10075	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	21000	0.400	ng	0.00
29) Chrysene-d12	21.402	240	17568	0.400	ng	0.00
35) Perylene-d12	23.727	264	16173	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2050	0.133	ng	0.00
5) Phenol-d6	6.973	99	1665	0.082	ng	0.00
8) Nitrobenzene-d5	8.971	82	5001	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	8269	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1361	0.356	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	13622	0.330	ng	0.00
27) Fluoranthene-d10	19.253	212	22716	0.430	ng	0.00
31) Terphenyl-d14	19.852	244	18165	0.519	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	42342	6.189	ng	98
34) Bis(2-ethylhexyl)phtha...	21.322	149	2137	0.088	ng	# 99

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

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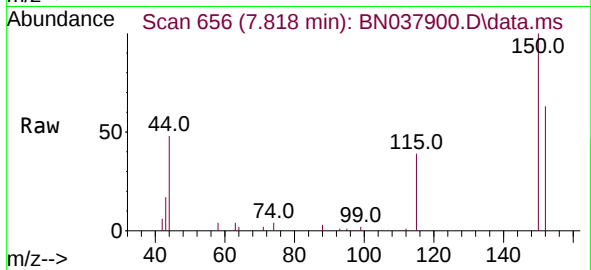
Quant Time: Sep 25 23:51:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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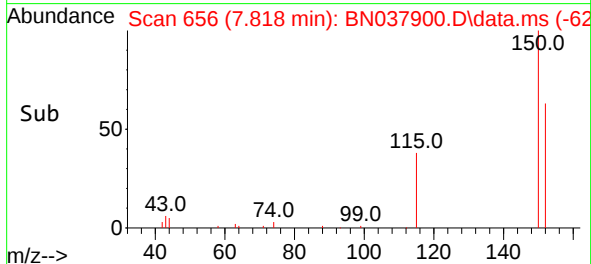
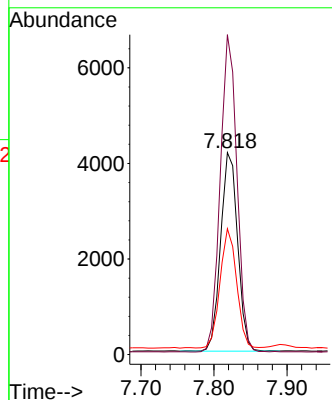
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037900.D
 Acq: 25 Sep 2025 21:54

Instrument :
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 ClientSampleId :
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Tgt Ion:152 Resp: 6739

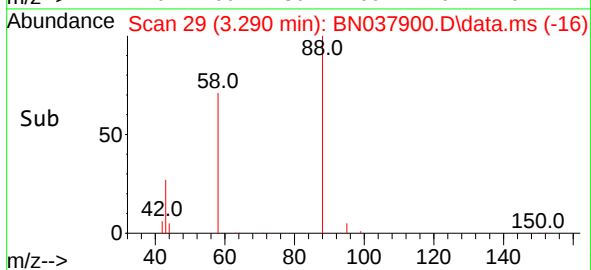
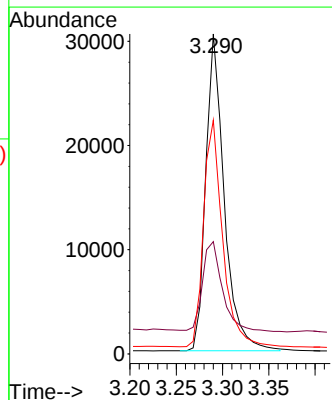
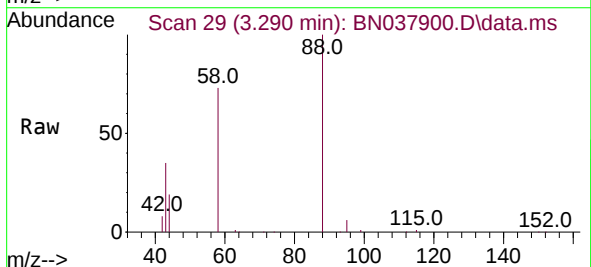
Ion	Ratio	Lower	Upper
152	100		
150	158.4	121.0	181.4
115	62.3	47.4	71.0



#2
 1,4-Dioxane
 Concen: 6.189 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037900.D
 Acq: 25 Sep 2025 21:54

Tgt Ion: 88 Resp: 42342

Ion	Ratio	Lower	Upper
88	100		
43	30.4	26.6	39.8
58	73.6	58.9	88.3

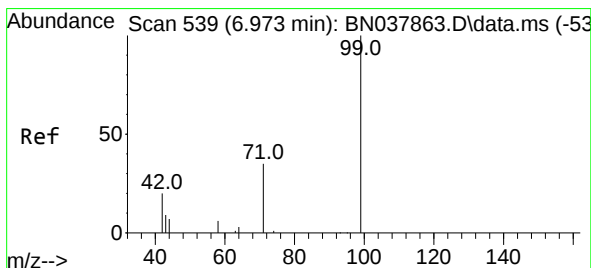
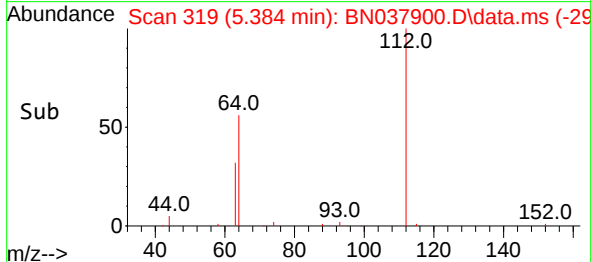
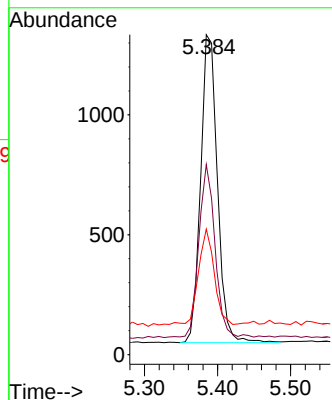
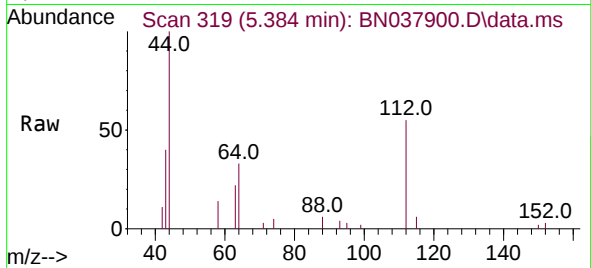




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

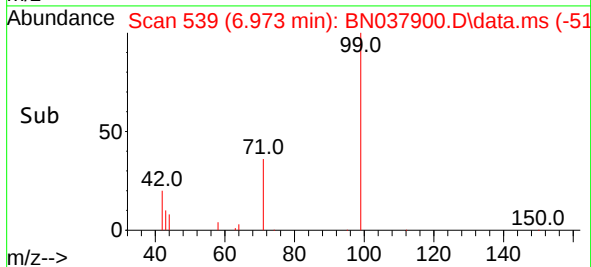
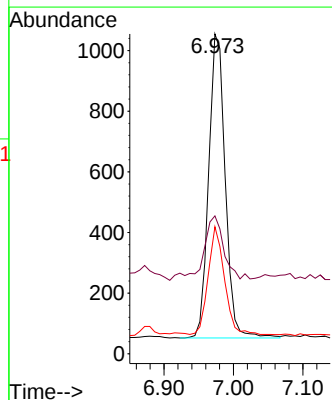
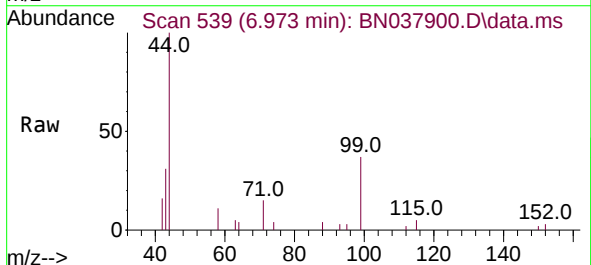
Instrument :
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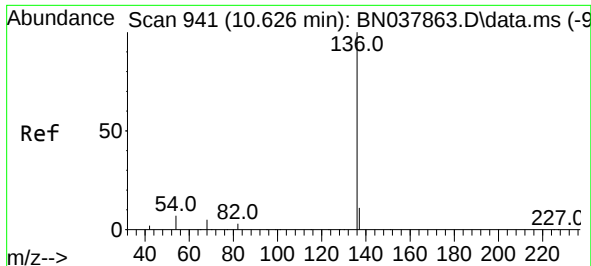
Tgt Ion:	112	Resp:	2050
Ion Ratio	Lower	Upper	
112	100		
64	54.5	44.6	66.8
63	31.8	24.9	37.3



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Tgt Ion:	99	Resp:	1665
Ion Ratio	Lower	Upper	
99	100		
42	24.2	17.2	25.8
71	35.2	27.3	40.9

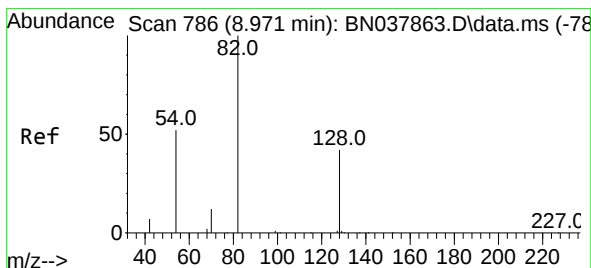
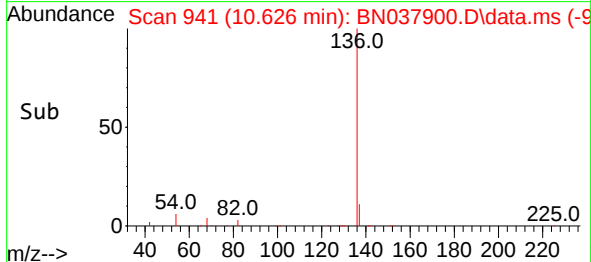
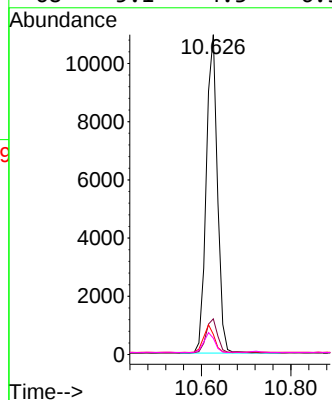
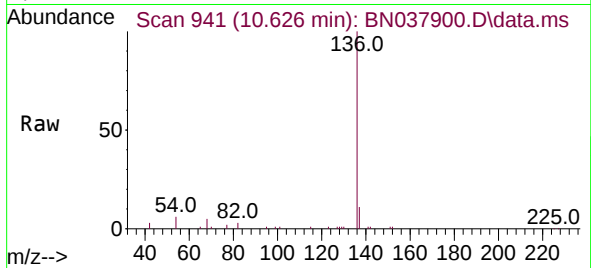




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

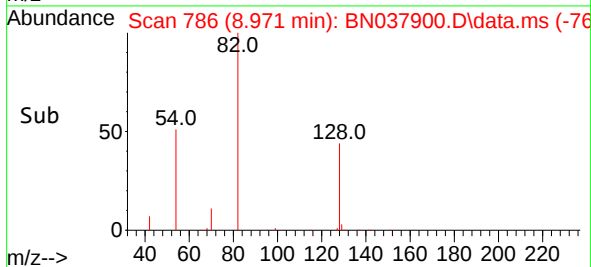
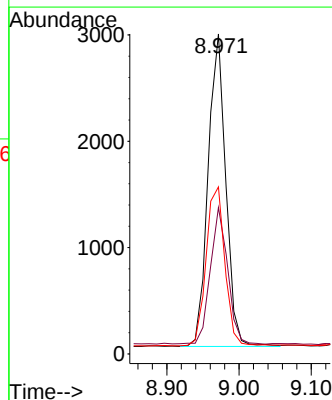
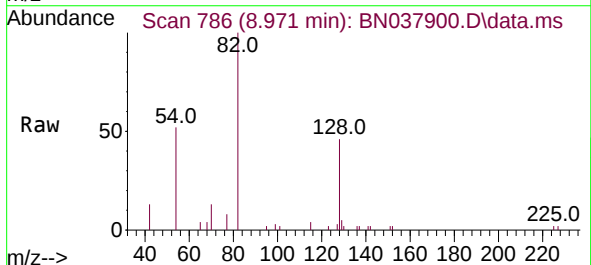
Instrument :
BNA_N
ClientSampleId :
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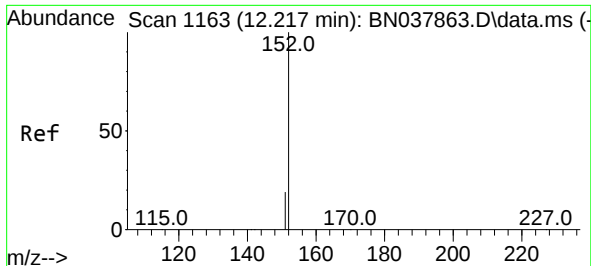
Tgt Ion:	136	Resp:	19035
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.3	5.8	8.8
68	5.1	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Tgt Ion:	82	Resp:	5001
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.8	52.2
54	52.2	42.2	63.2

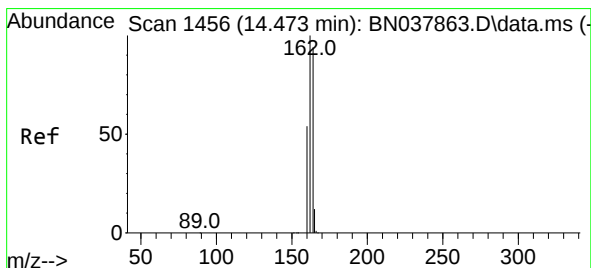
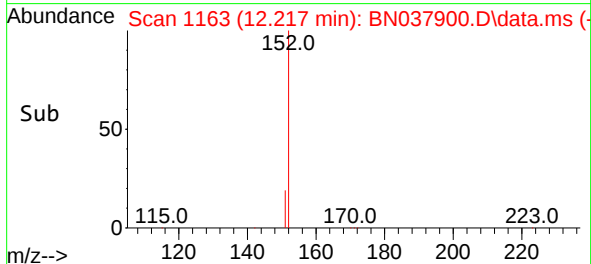
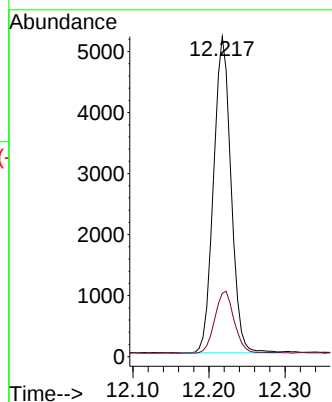
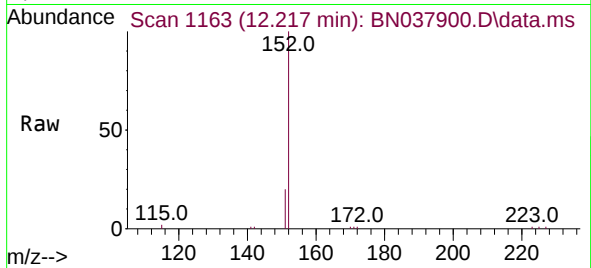




#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

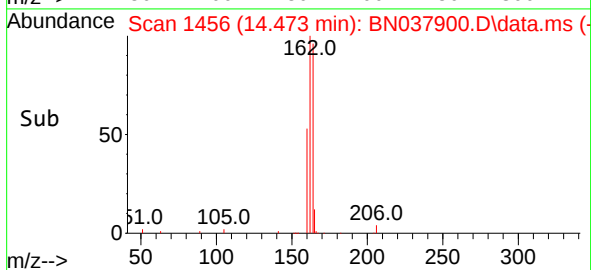
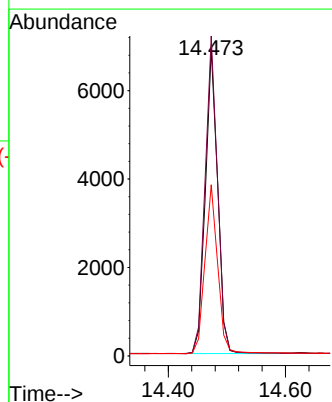
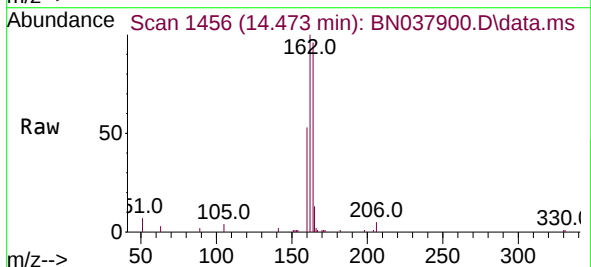
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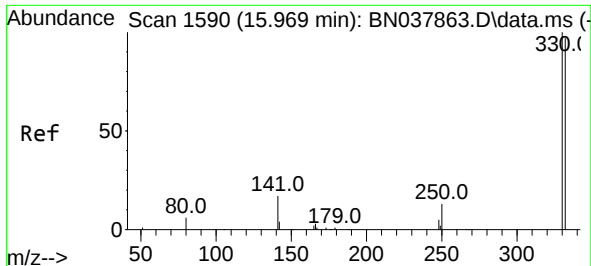
Tgt Ion:152 Resp: 8269
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Tgt Ion:164 Resp: 10075
Ion Ratio Lower Upper
164 100
162 104.1 84.8 127.2
160 55.7 46.1 69.1

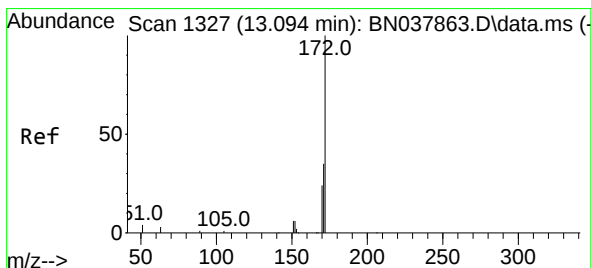
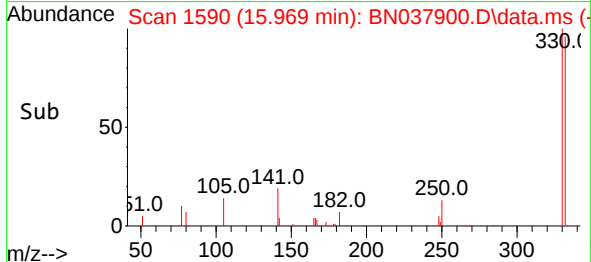
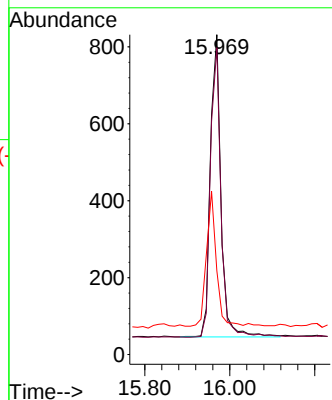
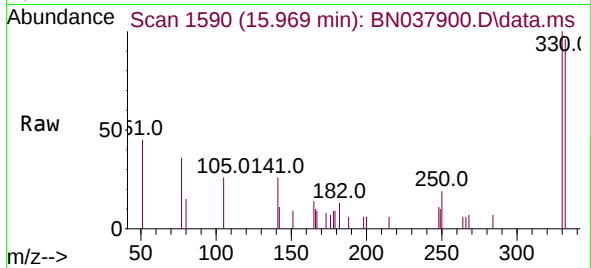




#14
 2,4,6-Tribromophenol
 Concen: 0.356 ng
 RT: 15.969 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN037900.D
 Acq: 25 Sep 2025 21:54

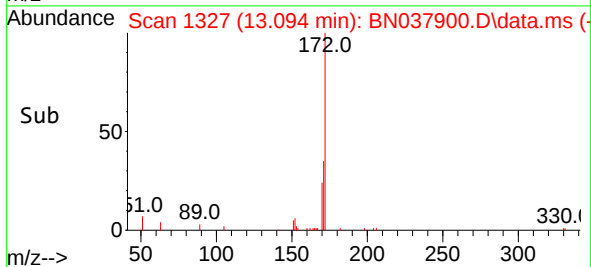
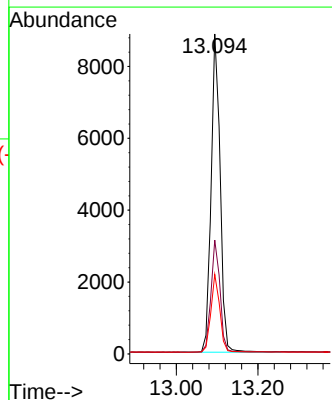
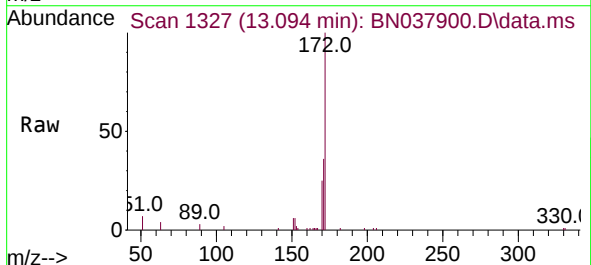
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 ClientSampleId :
 TT189D2-20250918

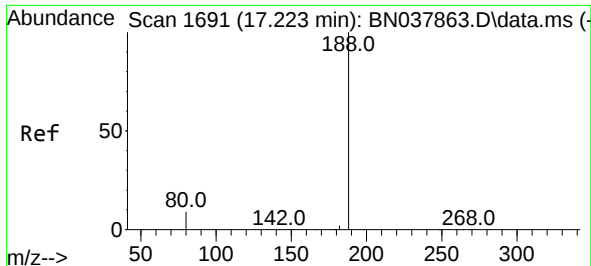
Tgt Ion:	330	Resp:	1361
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.2	115.8
141	41.7	37.2	55.8



#15
 2-Fluorobiphenyl
 Concen: 0.330 ng
 RT: 13.094 min Scan# 1327
 Delta R.T. -0.000 min
 Lab File: BN037900.D
 Acq: 25 Sep 2025 21:54

Tgt Ion:	172	Resp:	13622
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	43.0
170	24.8	19.7	29.5

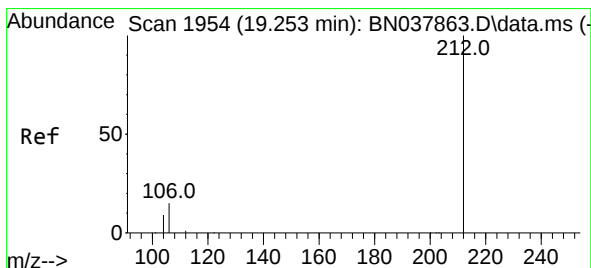
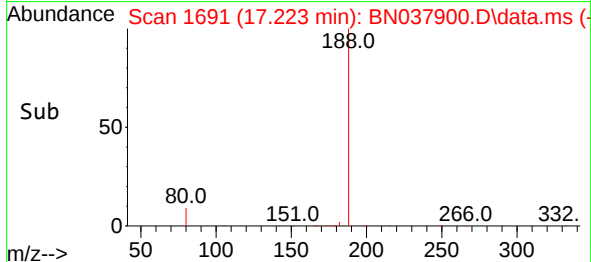
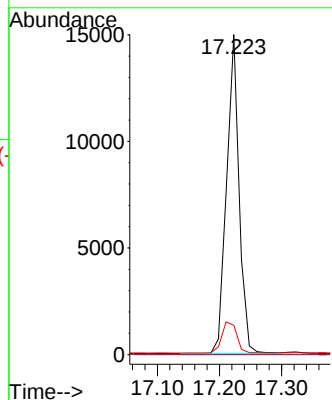
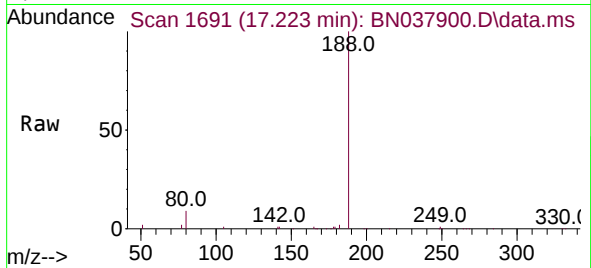




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

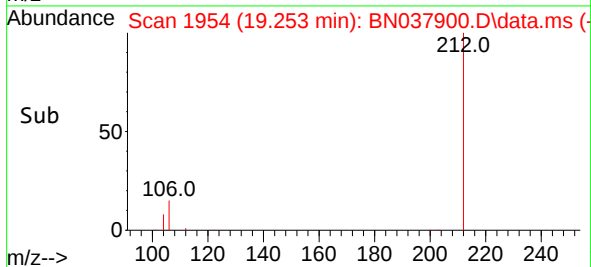
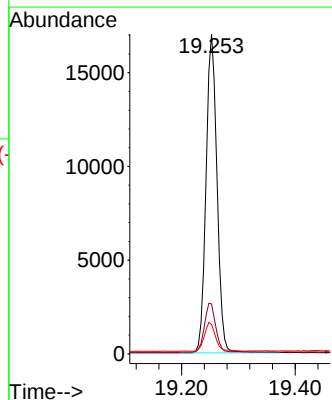
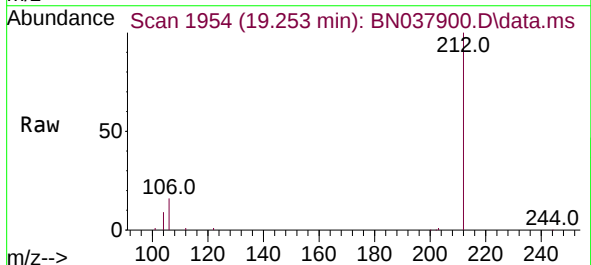
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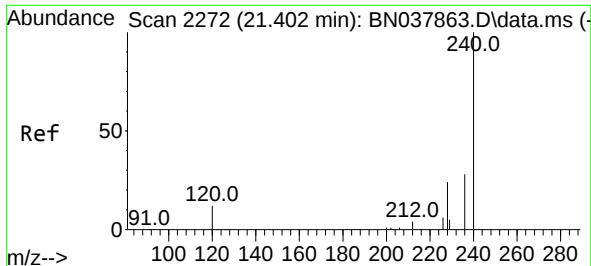
Tgt Ion:188 Resp: 21000
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.253 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Tgt Ion:212 Resp: 22716
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.2 7.4 11.0

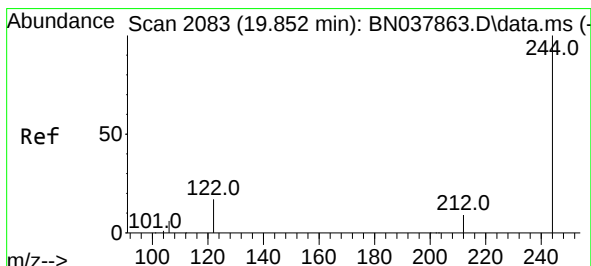
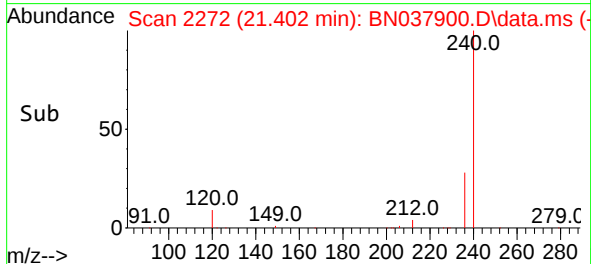
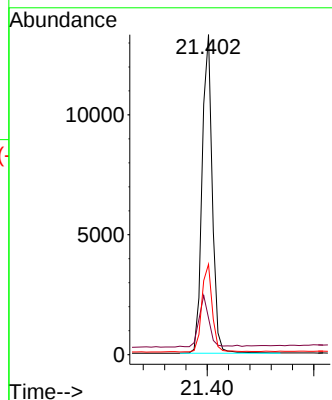
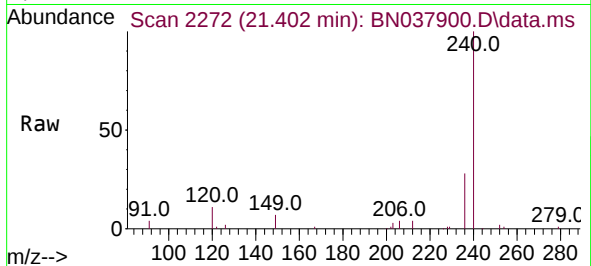




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

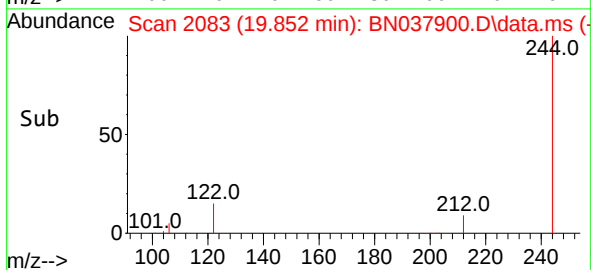
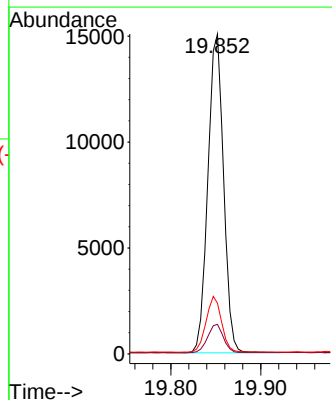
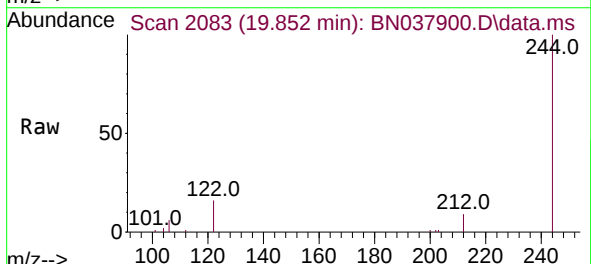
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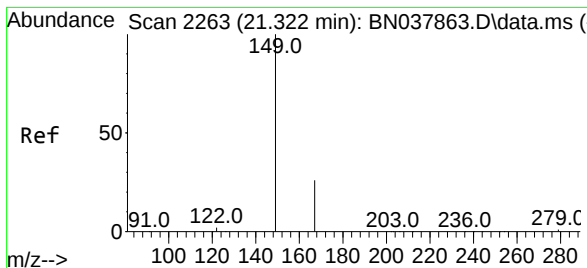
Tgt Ion:240 Resp: 17568
Ion Ratio Lower Upper
240 100
120 11.4 11.4 17.2
236 28.2 23.0 34.6



#31
Terphenyl-d14
Concen: 0.519 ng
RT: 19.852 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN037900.D
Acq: 25 Sep 2025 21:54

Tgt Ion:244 Resp: 18165
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 15.8 13.9 20.9

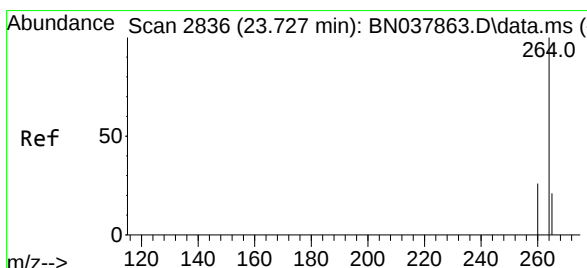
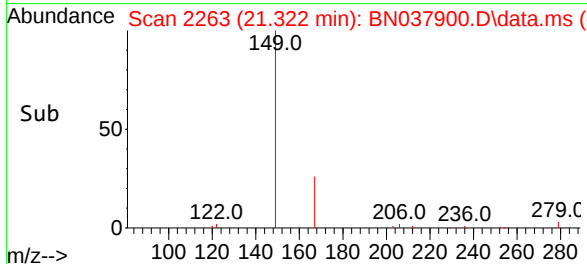
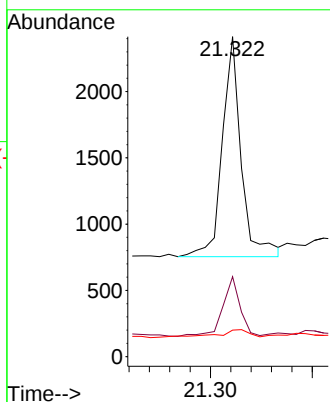
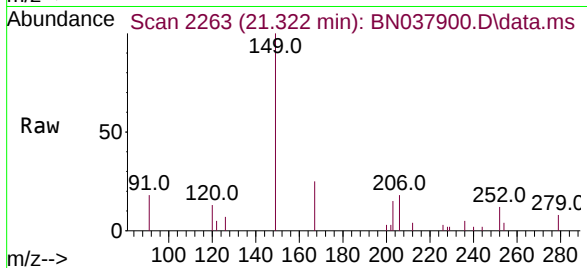




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.088 ng
 RT: 21.322 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: BN037900.D
 Acq: 25 Sep 2025 21:54

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20250918

Tgt Ion:149 Resp: 2137
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.4 30.6
 279 4.4 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.727 min Scan# 2836
 Delta R.T. -0.000 min
 Lab File: BN037900.D
 Acq: 25 Sep 2025 21:54

Tgt Ion:264 Resp: 16173
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.5 32.3
 265 73.2 53.8 80.6

