

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037896.D
 Acq On : 25 Sep 2025 19:28
 Operator : RC/JU
 Sample : Q3156-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20250918

Quant Time: Sep 25 23:50:19 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)

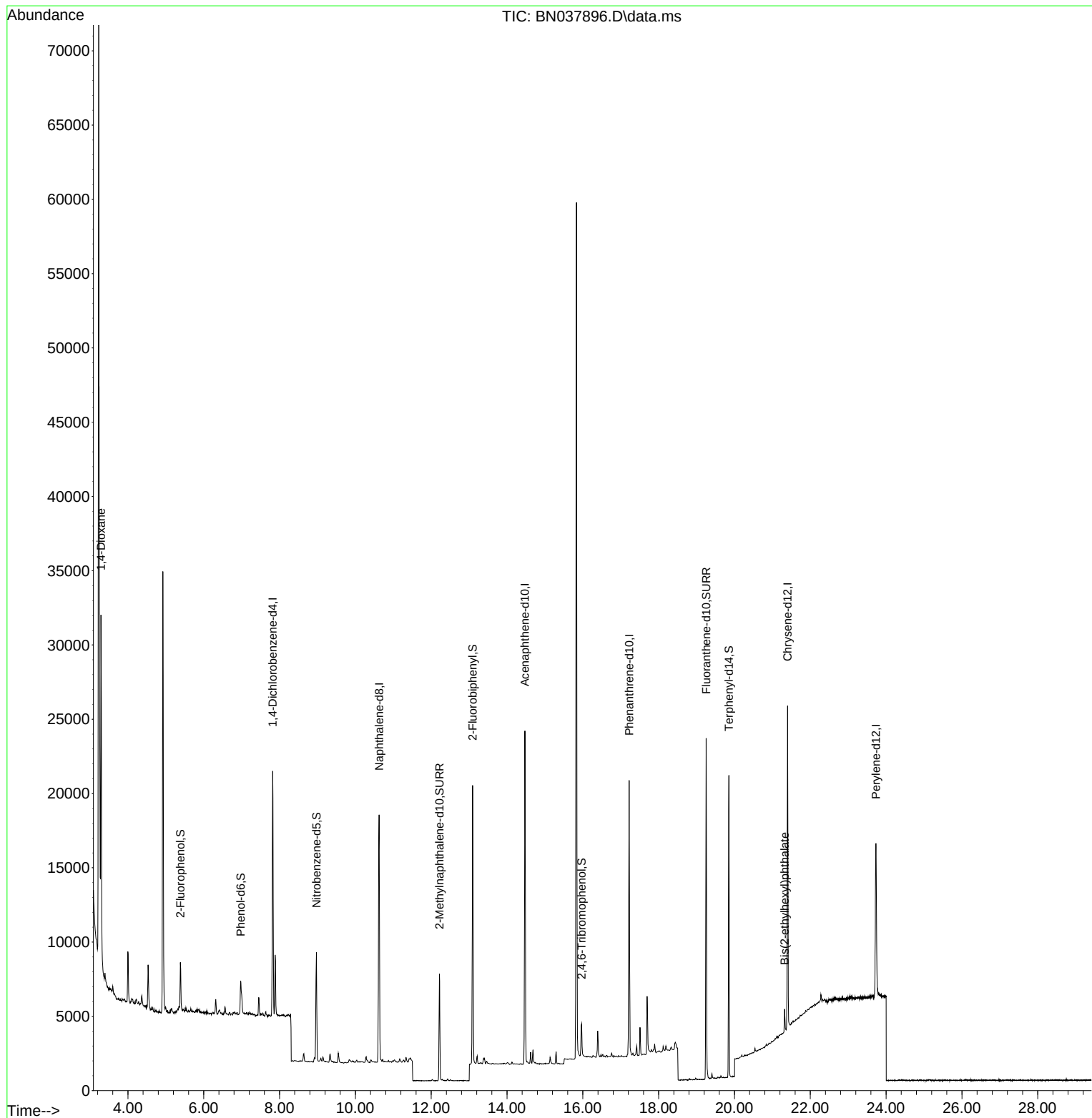
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7909	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	22437	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	11826	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	24427	0.400	ng	0.00
29) Chrysene-d12	21.402	240	19066	0.400	ng	0.00
35) Perylene-d12	23.733	264	15120	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2573	0.143	ng	0.00
5) Phenol-d6	6.973	99	1913	0.081	ng	0.00
8) Nitrobenzene-d5	8.971	82	5652	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	9617	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1456	0.325	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15131	0.313	ng	0.00
27) Fluoranthene-d10	19.252	212	24335	0.396	ng	0.00
31) Terphenyl-d14	19.852	244	18689	0.492	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	14230	1.772	ng	99
34) Bis(2-ethylhexyl)phtha...	21.322	149	1554	0.059	ng	# 97

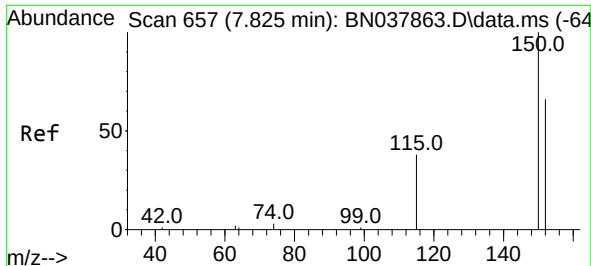
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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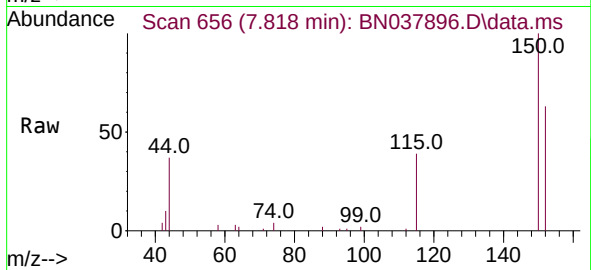
Quant Time: Sep 25 23:50:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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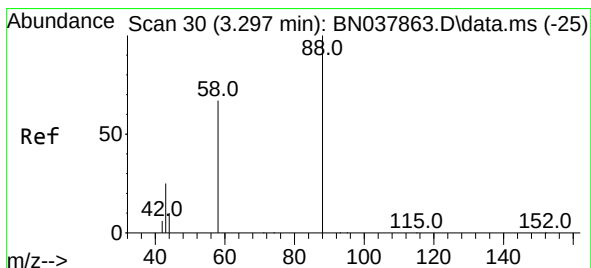
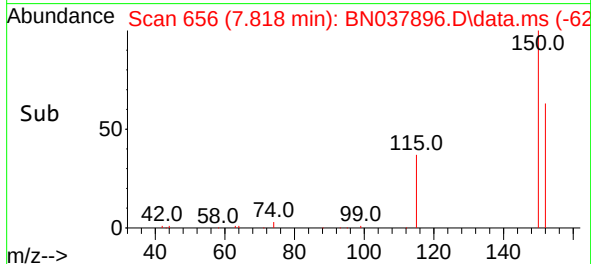
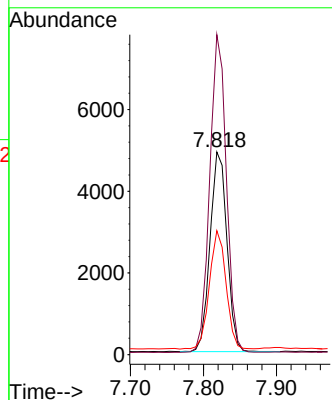


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037896.D
 Acq: 25 Sep 2025 19:28

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20250918

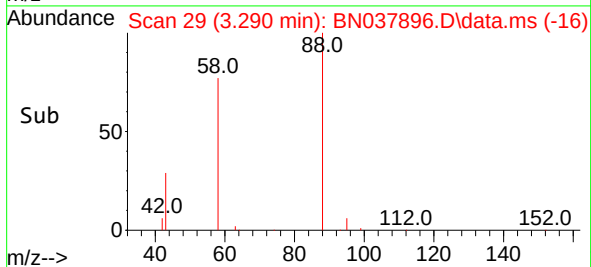
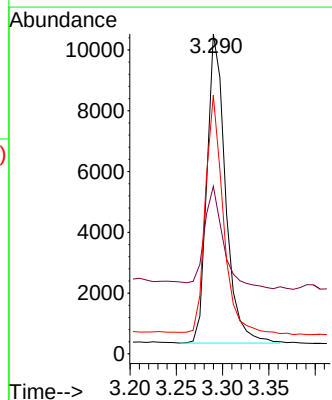
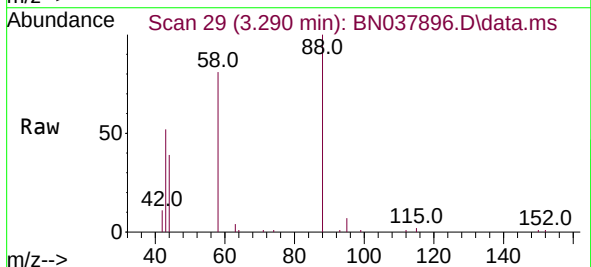


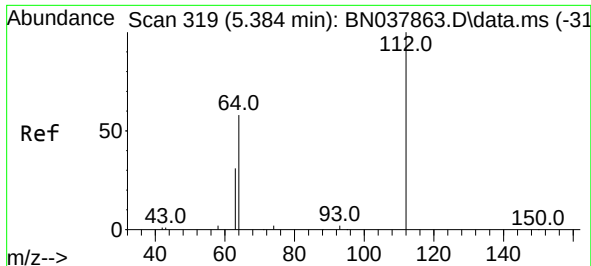
Tgt Ion: 152 Resp: 7909
 Ion Ratio Lower Upper
 152 100
 150 157.9 121.0 181.4
 115 61.2 47.4 71.0



#2
 1,4-Dioxane
 Concen: 1.772 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037896.D
 Acq: 25 Sep 2025 19:28

Tgt Ion: 88 Resp: 14230
 Ion Ratio Lower Upper
 88 100
 43 33.9 26.6 39.8
 58 74.0 58.9 88.3

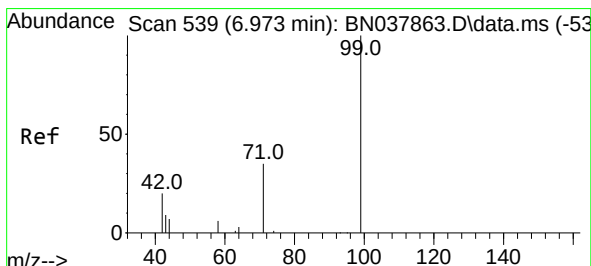
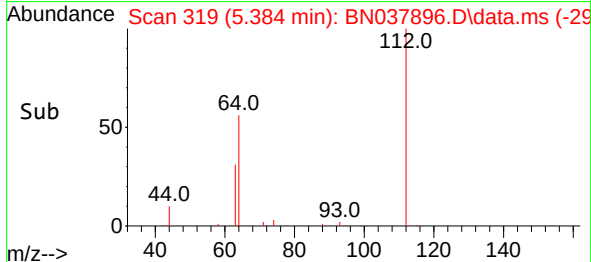
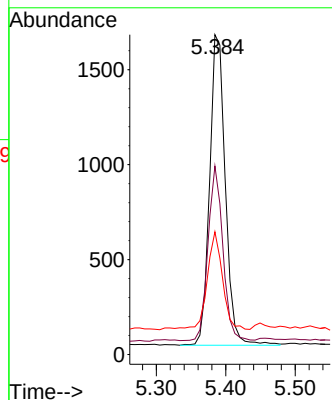
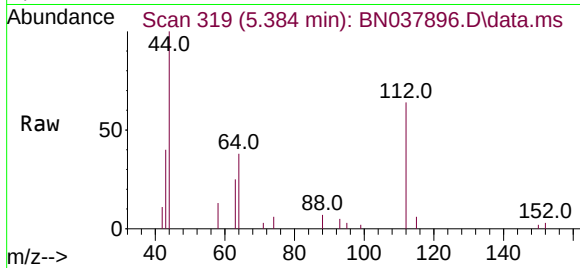




#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037896.D
Acq: 25 Sep 2025 19:28

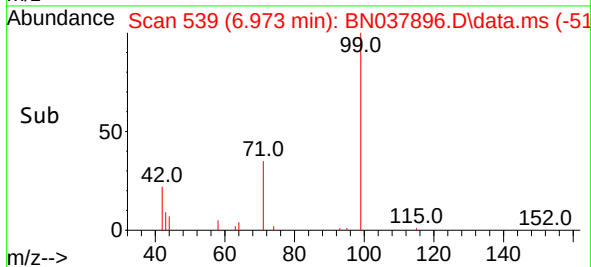
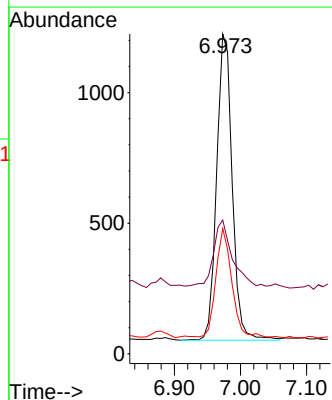
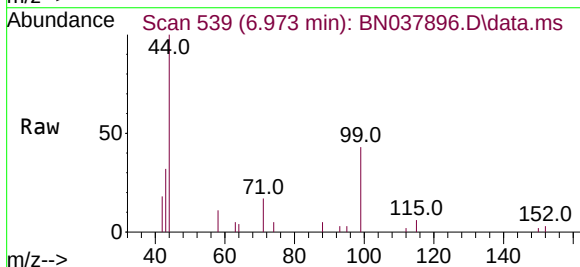
Instrument :
BNA_N
ClientSampleId :
RE131D3-20250918

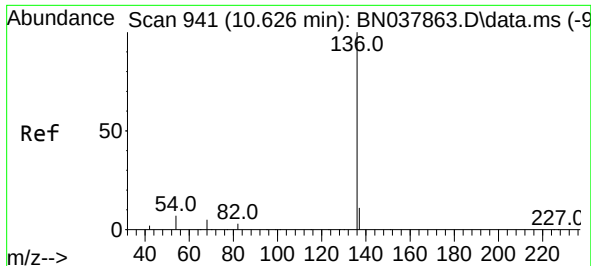
Tgt Ion:	112	Resp:	2573
Ion	Ratio	Lower	Upper
112	100		
64	53.1	44.6	66.8
63	30.2	24.9	37.3



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037896.D
Acq: 25 Sep 2025 19:28

Tgt Ion:	99	Resp:	1913
Ion	Ratio	Lower	Upper
99	100		
42	25.8	17.2	25.8
71	36.7	27.3	40.9

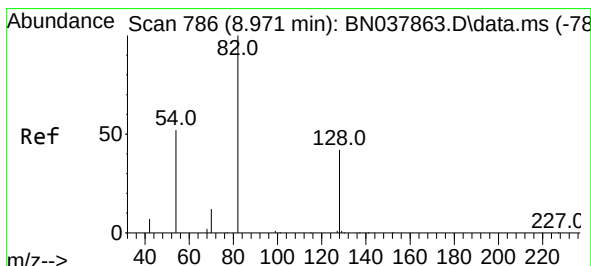
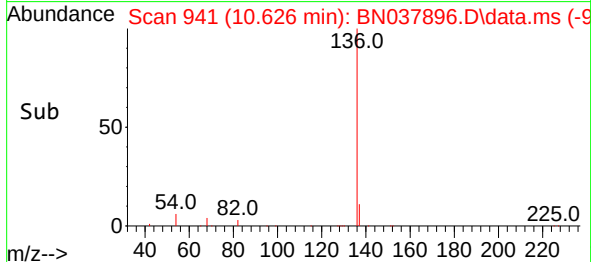
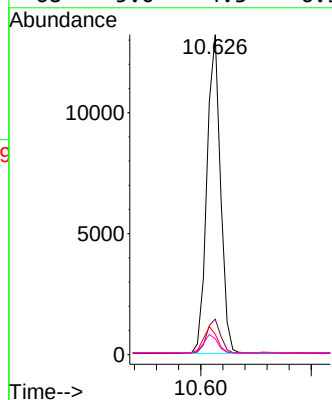
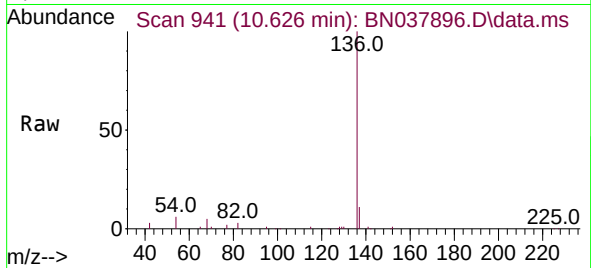




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037896.D
Acq: 25 Sep 2025 19:28

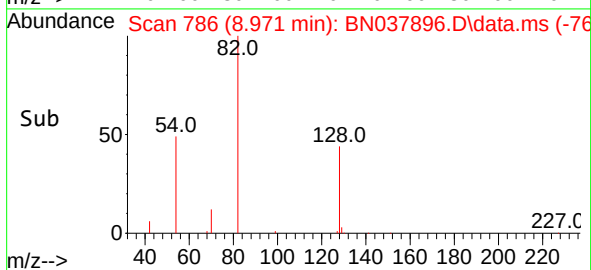
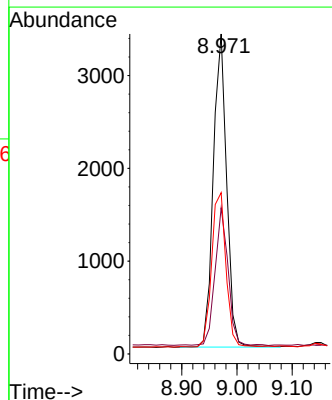
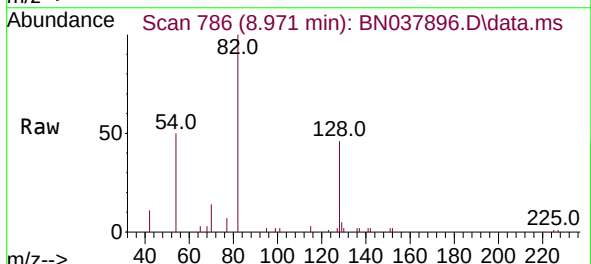
Instrument :
BNA_N
ClientSampleId :
RE131D3-20250918

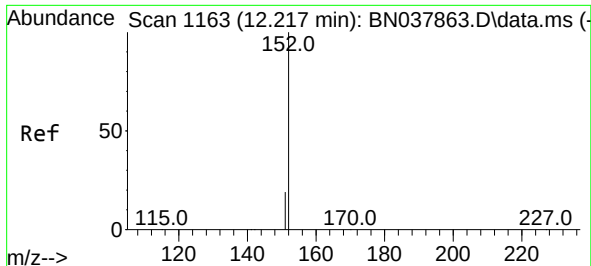
Tgt Ion:	136	Resp:	22437
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	6.4	5.8	8.8
68	5.0	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037896.D
Acq: 25 Sep 2025 19:28

Tgt Ion:	82	Resp:	5652
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.8	52.2
54	50.4	42.2	63.2

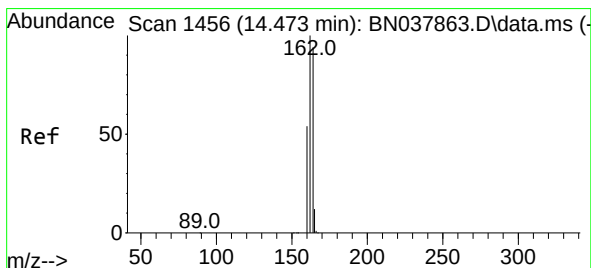
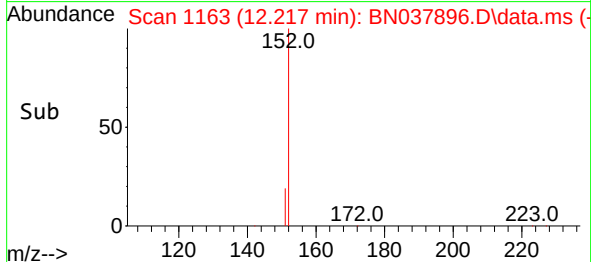
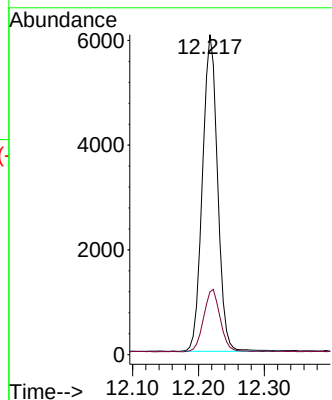
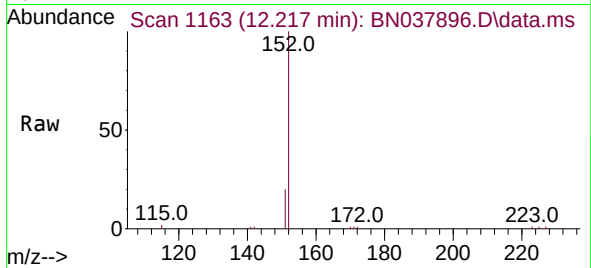




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037896.D
Acq: 25 Sep 2025 19:28

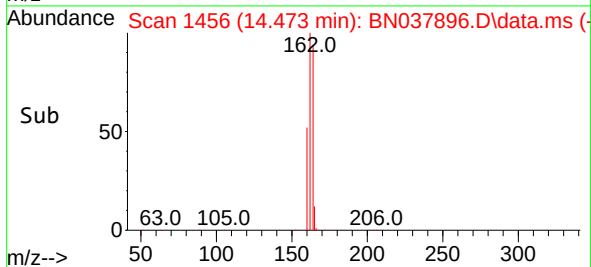
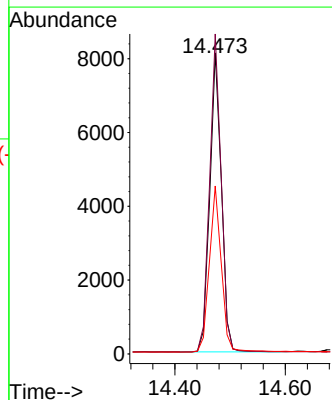
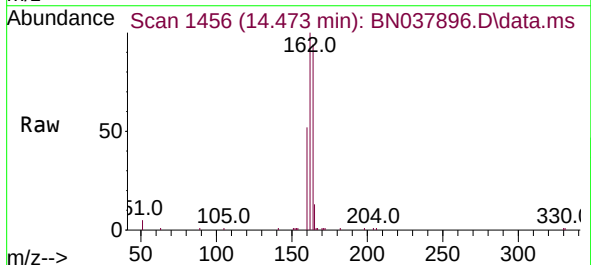
Instrument :
BNA_N
ClientSampleId :
RE131D3-20250918

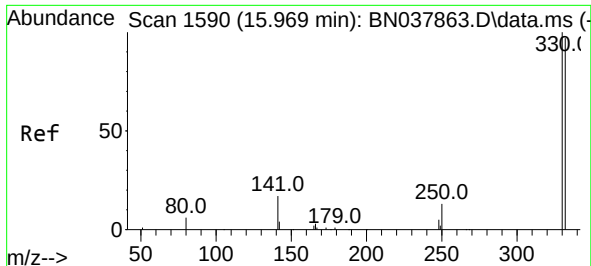
Tgt Ion:152 Resp: 9617
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037896.D
Acq: 25 Sep 2025 19:28

Tgt Ion:164 Resp: 11826
Ion Ratio Lower Upper
164 100
162 106.3 84.8 127.2
160 55.8 46.1 69.1

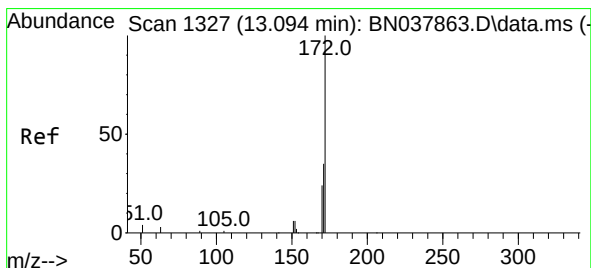
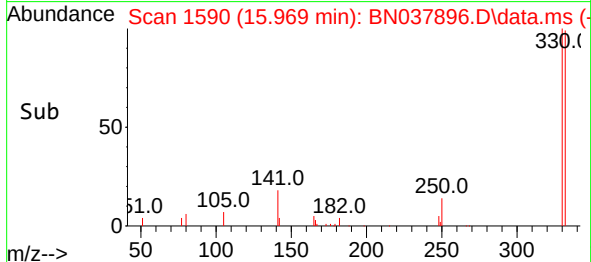
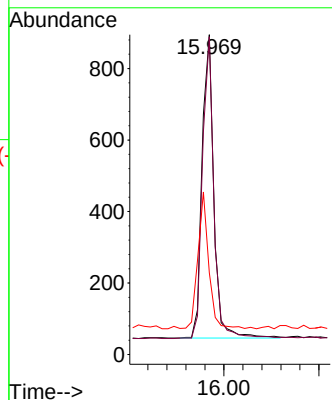
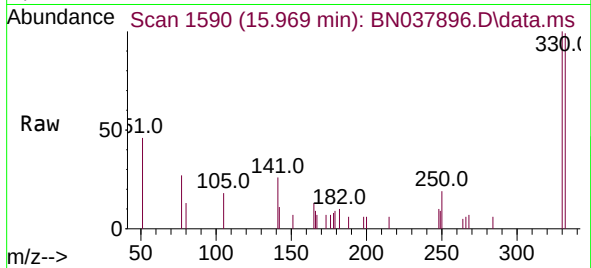




#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037896.D
Acq: 25 Sep 2025 19:28

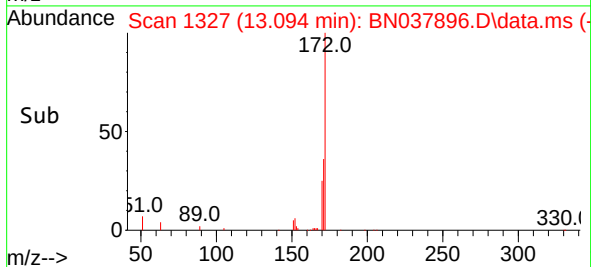
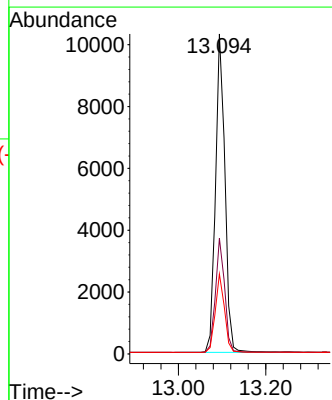
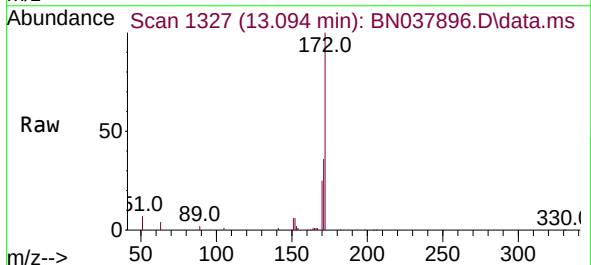
Instrument :
BNA_N
ClientSampleId :
RE131D3-20250918

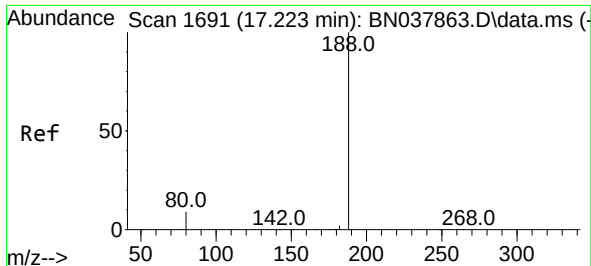
Tgt Ion:330 Resp: 1456
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 43.3 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037896.D
Acq: 25 Sep 2025 19:28

Tgt Ion:172 Resp: 15131
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 25.0 19.7 29.5

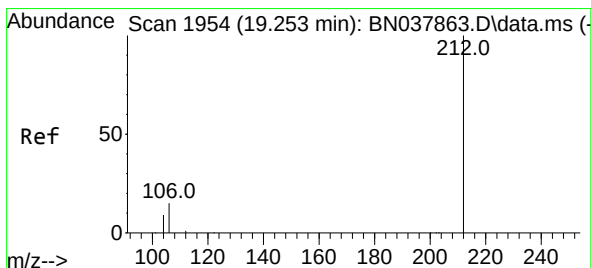
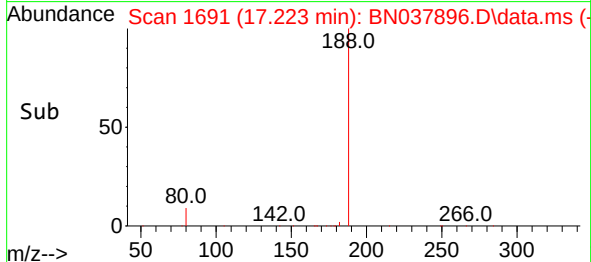
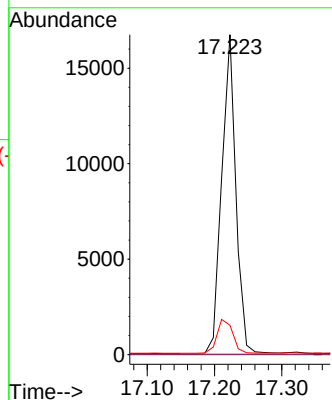
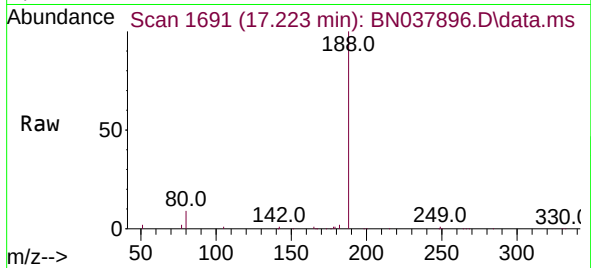




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037896.D
Acq: 25 Sep 2025 19:28

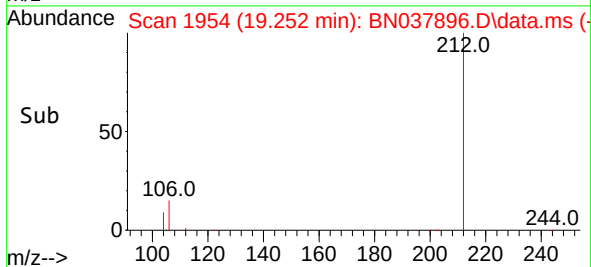
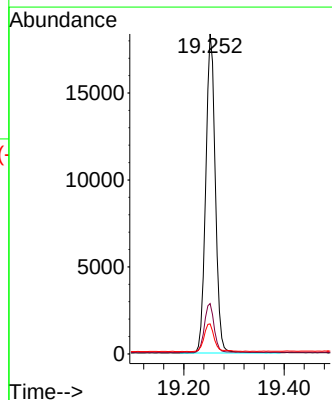
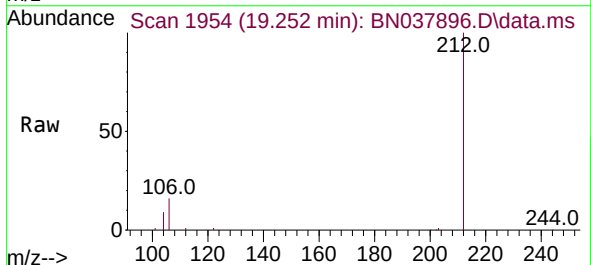
Instrument :
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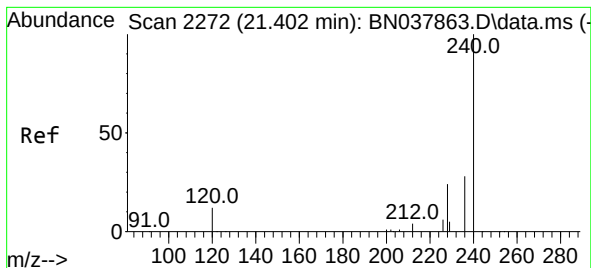
Tgt Ion:188 Resp: 24427
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037896.D
Acq: 25 Sep 2025 19:28

Tgt Ion:212 Resp: 24335
Ion Ratio Lower Upper
212 100
106 15.5 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: BN037896.D

Acq: 25 Sep 2025 19:28

Instrument :

BNA_N

ClientSampleId :

RE131D3-20250918

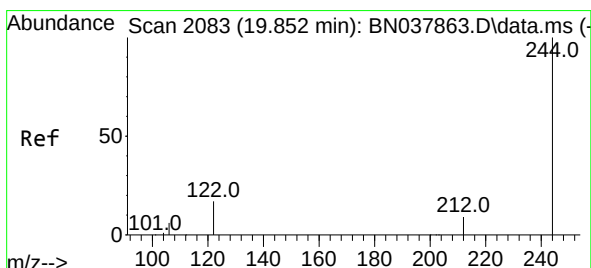
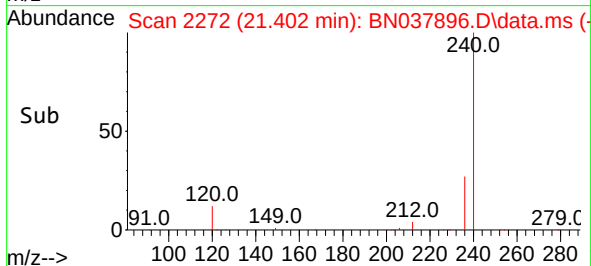
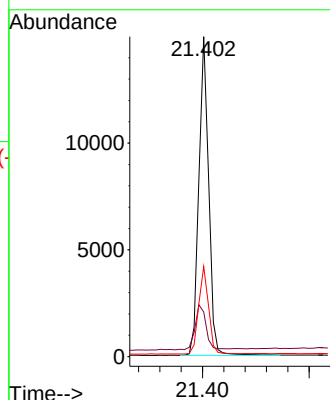
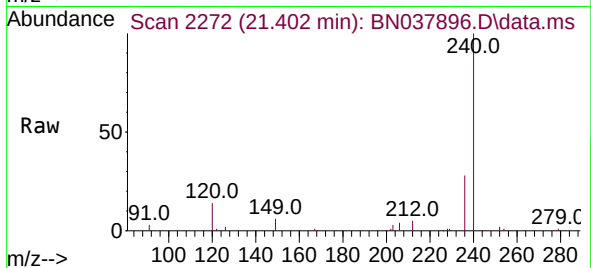
Tgt Ion:240 Resp: 19066

Ion Ratio Lower Upper

240 100

120 13.9 11.4 17.2

236 28.2 23.0 34.6



#31

Terphenyl-d14

Concen: 0.492 ng

RT: 19.852 min Scan# 2083

Delta R.T. -0.000 min

Lab File: BN037896.D

Acq: 25 Sep 2025 19:28

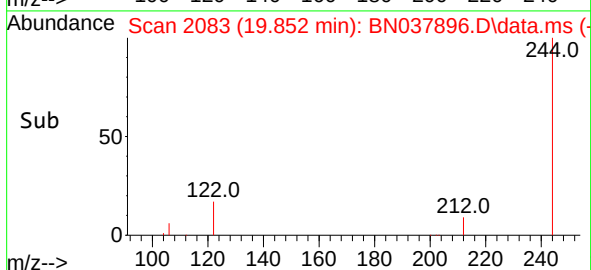
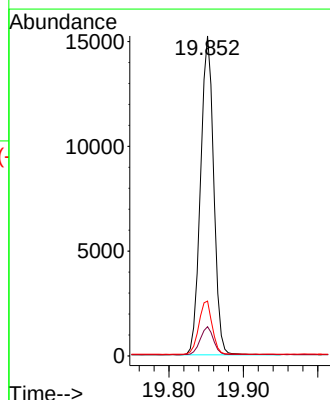
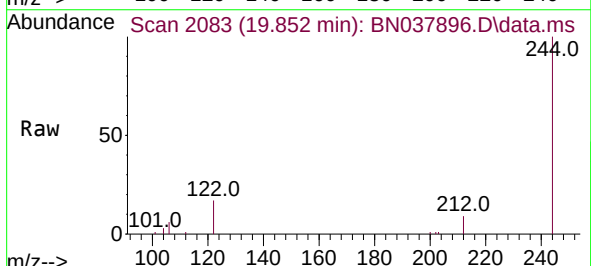
Tgt Ion:244 Resp: 18689

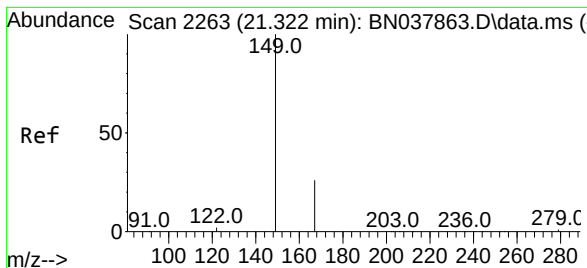
Ion Ratio Lower Upper

244 100

212 9.1 7.6 11.4

122 17.1 13.9 20.9

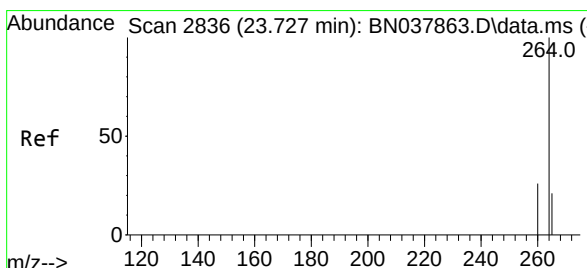
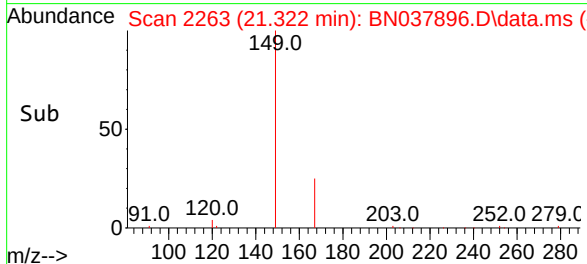
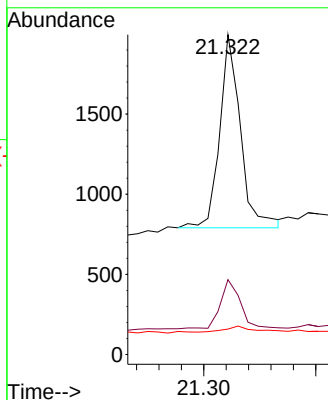
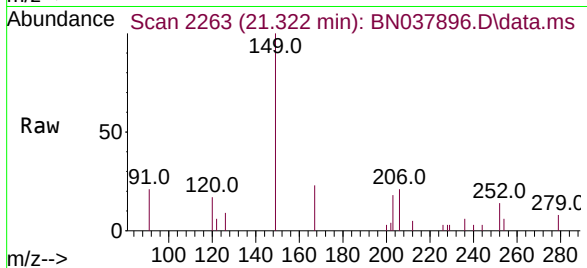




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.322 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037896.D
 Acq: 25 Sep 2025 19:28

Instrument :
 BNA_N
 ClientSampleId :
 RE131D3-20250918

Tgt Ion:149 Resp: 1554
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.4 30.6
 279 6.9 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.733 min Scan# 2838
 Delta R.T. 0.006 min
 Lab File: BN037896.D
 Acq: 25 Sep 2025 19:28

Tgt Ion:264 Resp: 15120
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.5 32.3
 265 78.6 53.8 80.6

