

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037895.D
 Acq On : 25 Sep 2025 18:51
 Operator : RC/JU
 Sample : Q3156-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE10-MW01S-20250918

Quant Time: Sep 25 19:16:03 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)

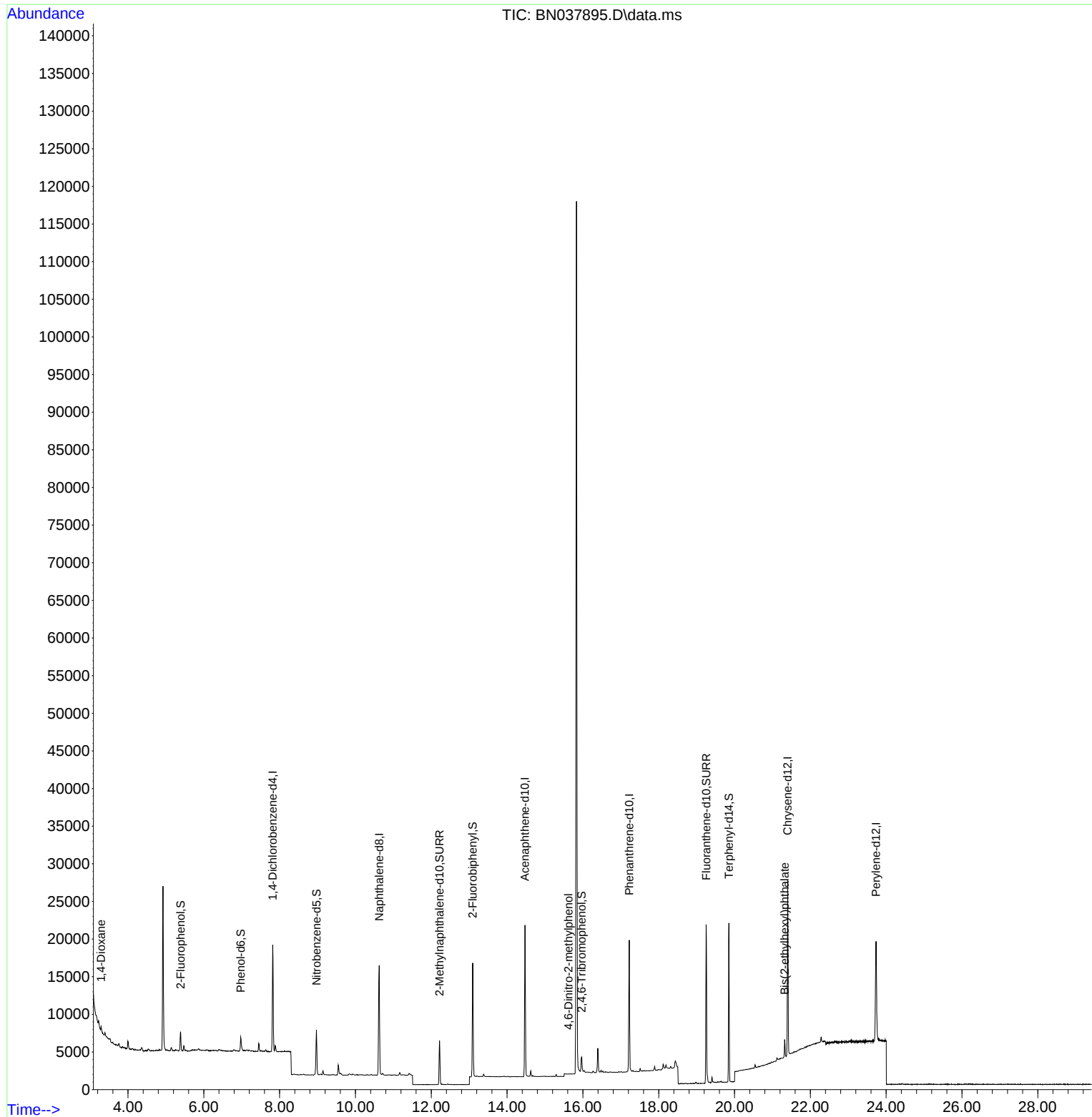
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6982	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	19942	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	10587	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	22704	0.400	ng	0.00
29) Chrysene-d12	21.402	240	20254	0.400	ng	0.00
35) Perylene-d12	23.733	264	19096	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	2112	0.133	ng	0.00
5) Phenol-d6	6.973	99	1645	0.079	ng	0.00
8) Nitrobenzene-d5	8.971	82	4628	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	7706	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1294	0.322	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	12724	0.294	ng	0.00
27) Fluoranthene-d10	19.252	212	22662	0.397	ng	0.00
31) Terphenyl-d14	19.852	244	18998	0.471	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	420	0.059	ng	# 53
20) 4,6-Dinitro-2-methylph...	15.622	198	4	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.322	149	2525	0.090	ng	# 96

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

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RE10-MW01S-20250918

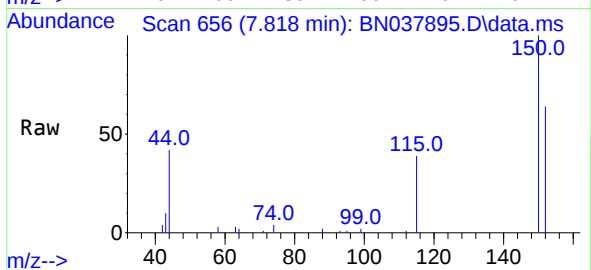
Quant Time: Sep 25 19:16:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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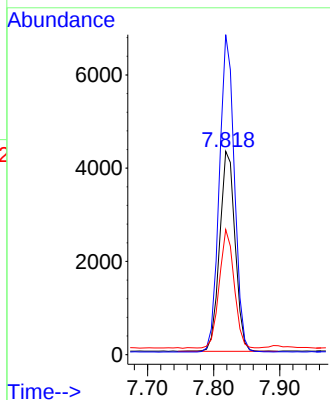
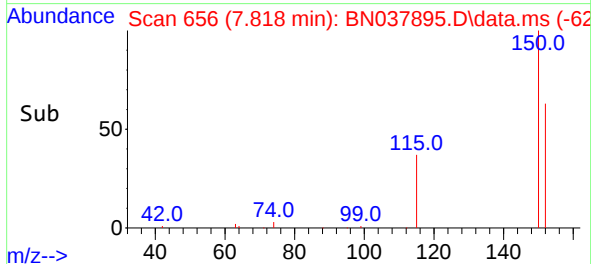


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

Instrument :
BNA_N
ClientSampleId :
RE10-MW01S-20250918

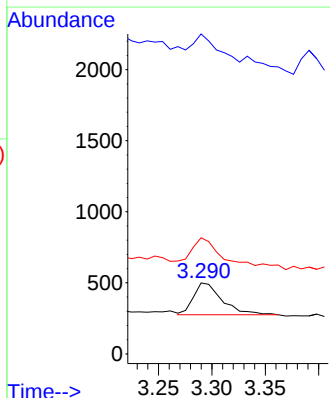
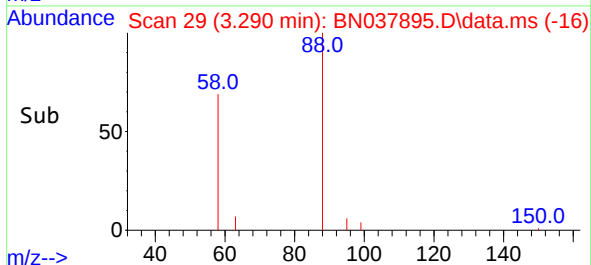
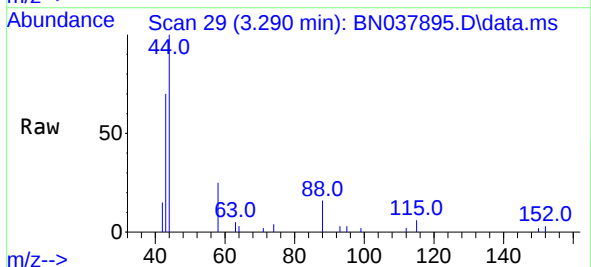


Tgt Ion:152 Resp: 6982
Ion Ratio Lower Upper
152 100
150 157.4 121.0 181.4
115 61.6 47.4 71.0



#2
1,4-Dioxane
Concen: 0.059 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

Tgt Ion: 88 Resp: 420
Ion Ratio Lower Upper
88 100
43 107.6 26.6 39.8#
58 81.2 58.9 88.3

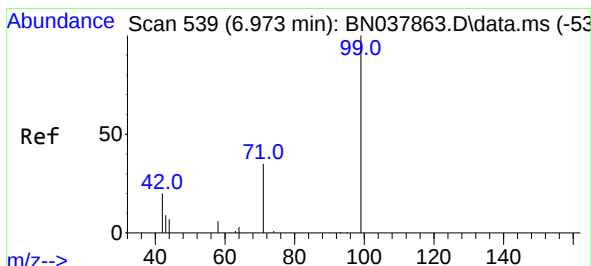
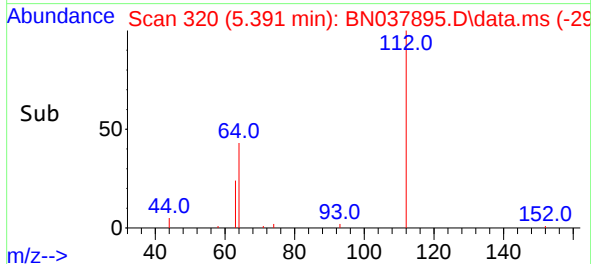
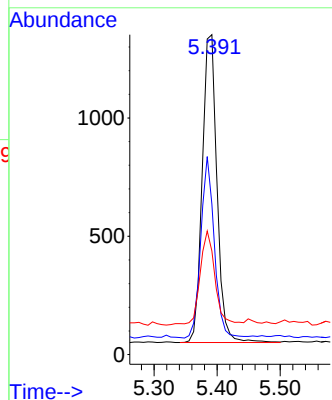
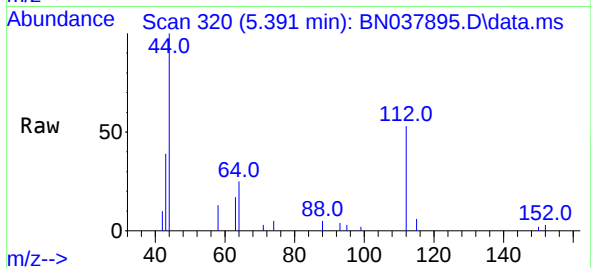




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.391 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

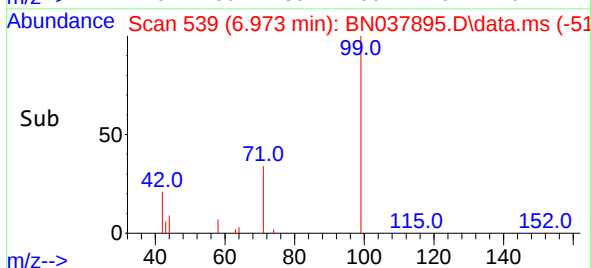
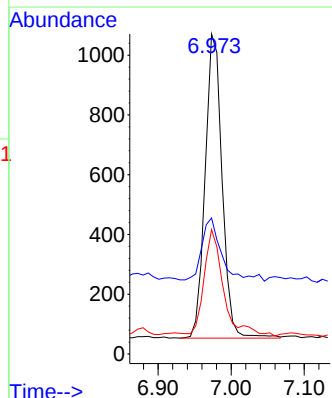
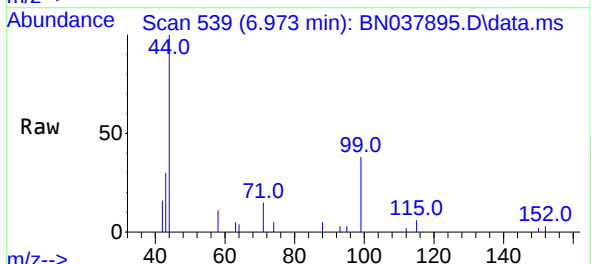
Instrument :
BNA_N
ClientSampleId :
RE10-MW01S-20250918

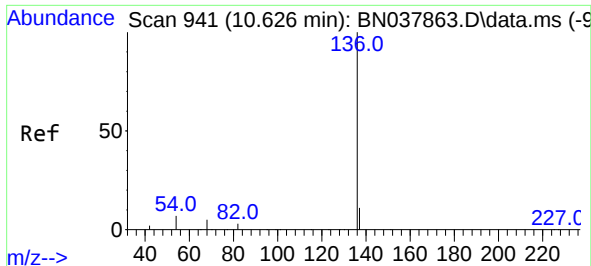
Tgt Ion:112 Resp: 2112
Ion Ratio Lower Upper
112 100
64 54.0 44.6 66.8
63 30.8 24.9 37.3



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

Tgt Ion: 99 Resp: 1645
Ion Ratio Lower Upper
99 100
42 24.3 17.2 25.8
71 40.2 27.3 40.9

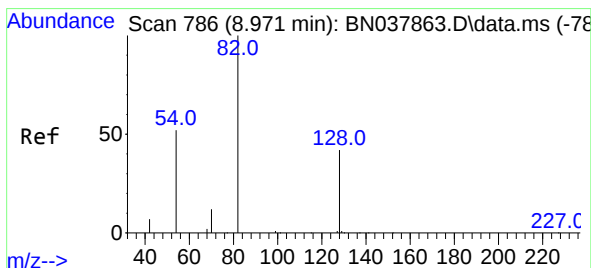
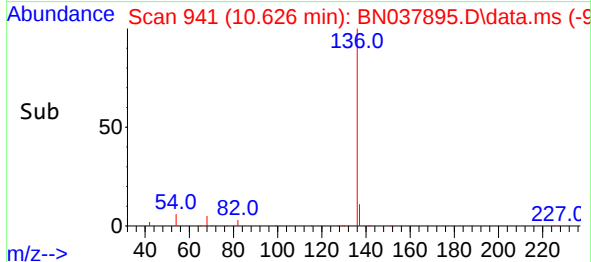
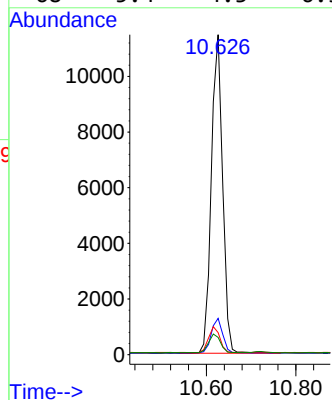
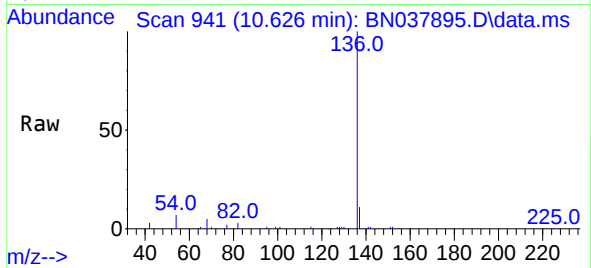




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

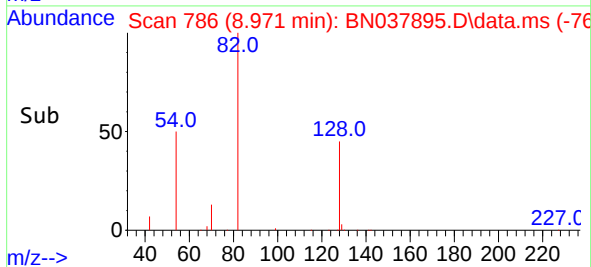
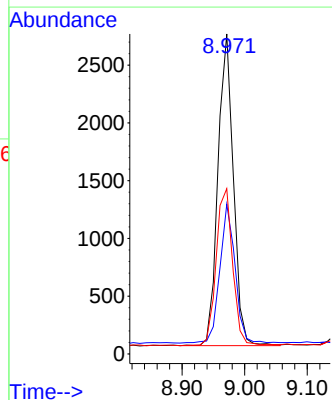
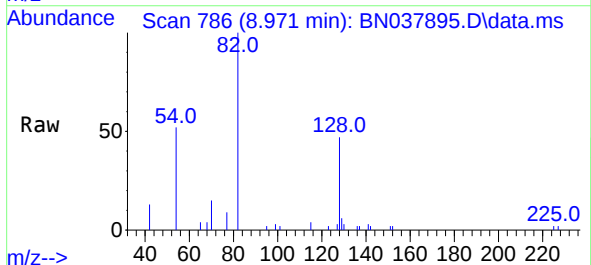
Instrument :
BNA_N
ClientSampleId :
RE10-MW01S-20250918

Tgt Ion:	136	Resp:	19942
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.9	5.8	8.8
68	5.4	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

Tgt Ion:	82	Resp:	4628
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.8	52.2
54	51.7	42.2	63.2

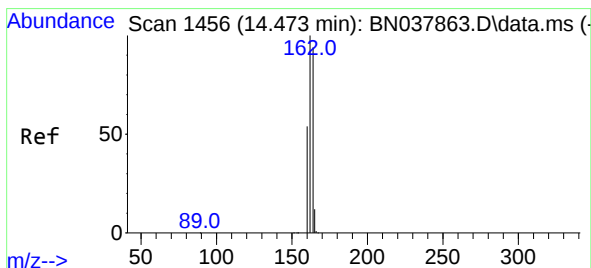
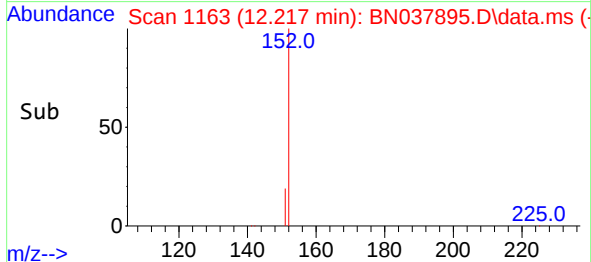
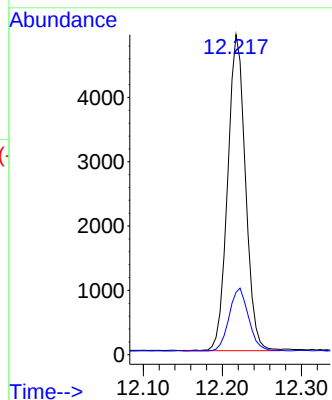
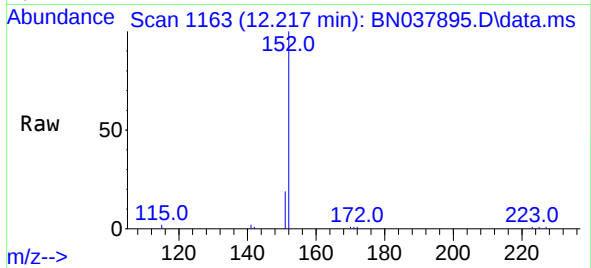




#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

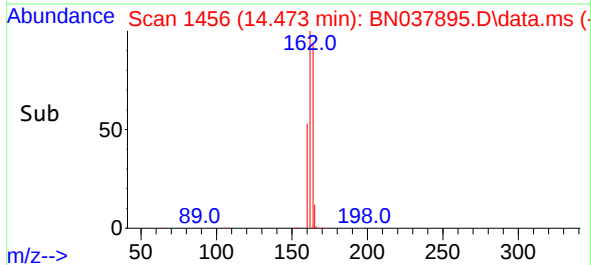
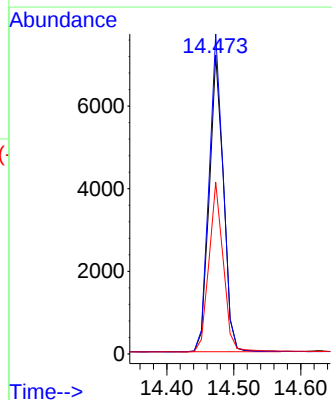
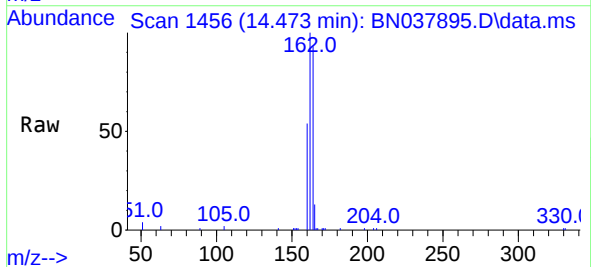
Instrument :
BNA_N
ClientSampleId :
RE10-MW01S-20250918

Tgt Ion:152 Resp: 7706
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: BN037895.D
Acq: 25 Sep 2025 18:51

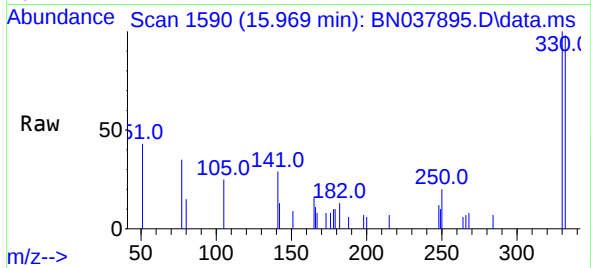
Tgt Ion:164 Resp: 10587
Ion Ratio Lower Upper
164 100
162 107.0 84.8 127.2
160 57.4 46.1 69.1



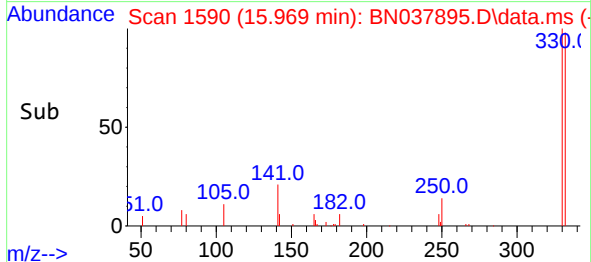
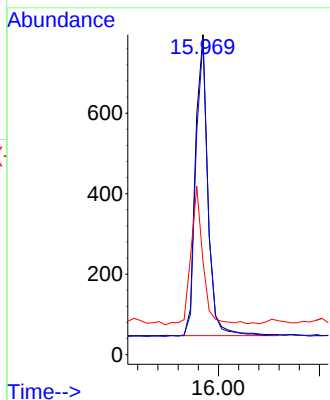


#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

Instrument :
BNA_N
ClientSampleId :
RE10-MW01S-20250918

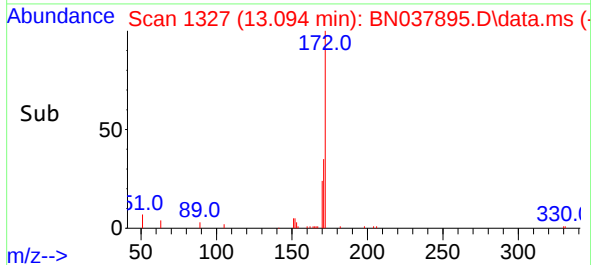
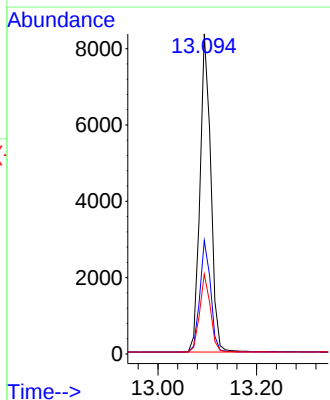
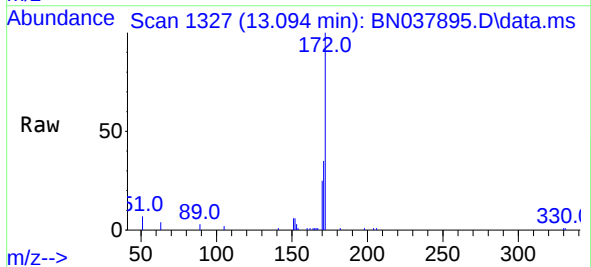


Tgt Ion:330 Resp: 1294
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 45.1 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

Tgt Ion:172 Resp: 12724
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.9 19.7 29.5

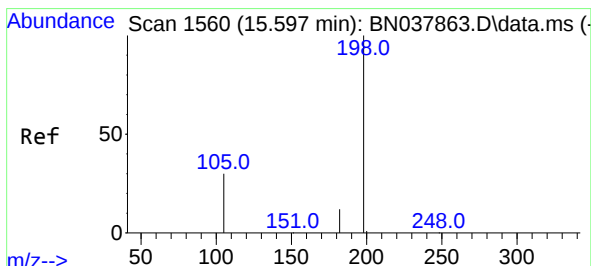
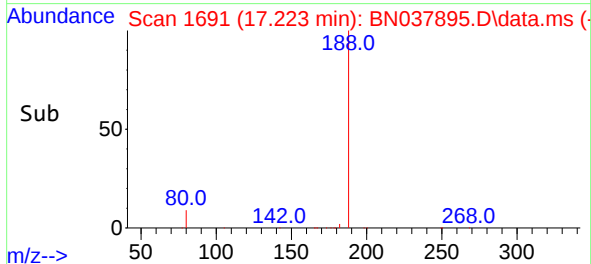
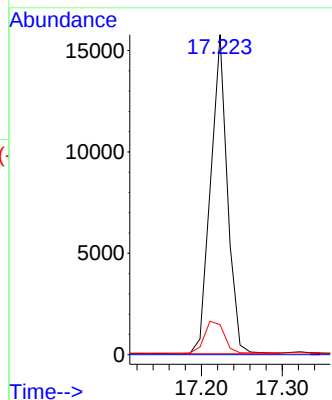
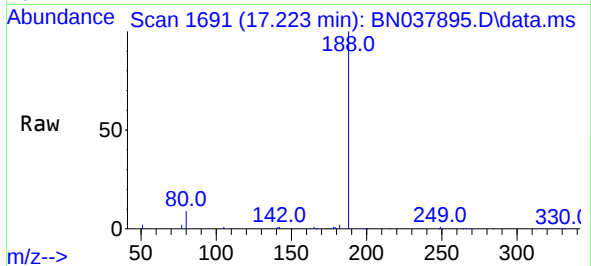




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

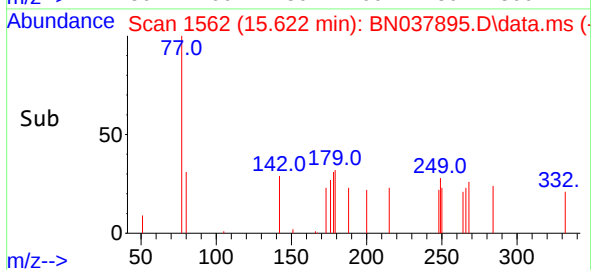
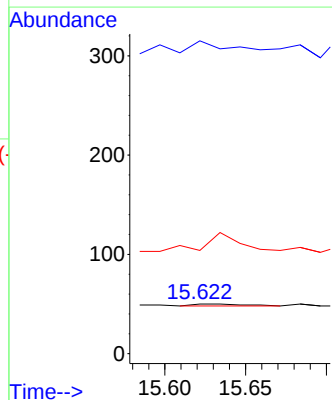
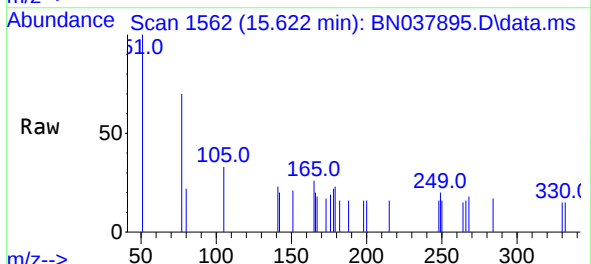
Instrument :
BNA_N
ClientSampleId :
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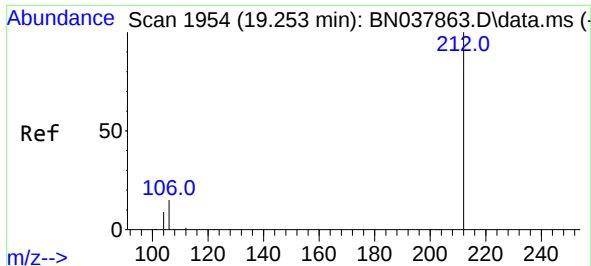
Tgt Ion:188 Resp: 22704
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.4 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.622 min Scan# 1562
Delta R.T. 0.025 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

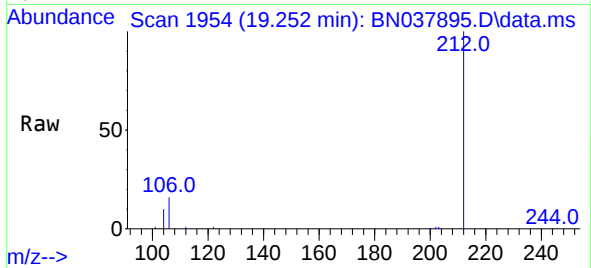
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 630.0 59.1 88.7#
105 208.0 41.3 61.9#



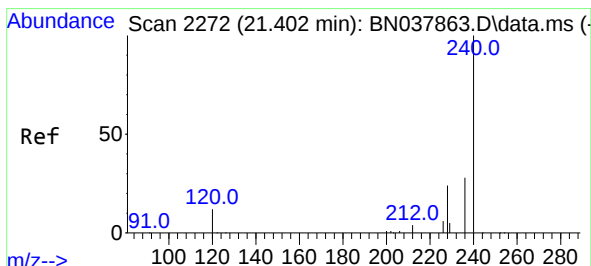
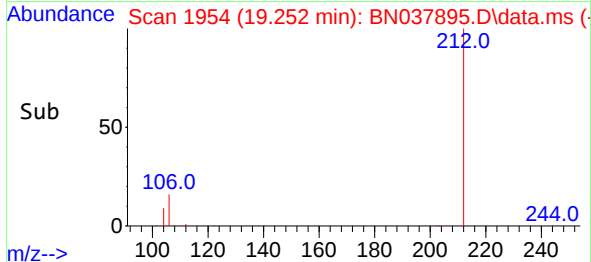
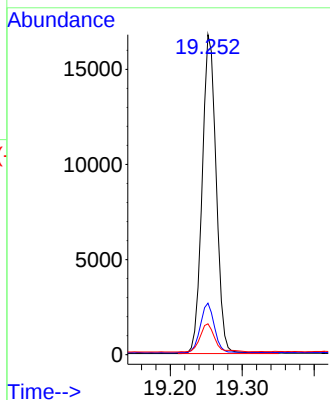


#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

Instrument :
BNA_N
ClientSampleId :
RE10-MW01S-20250918

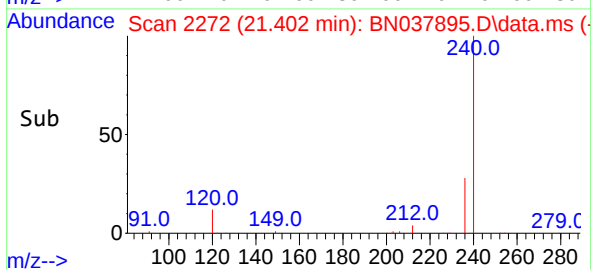
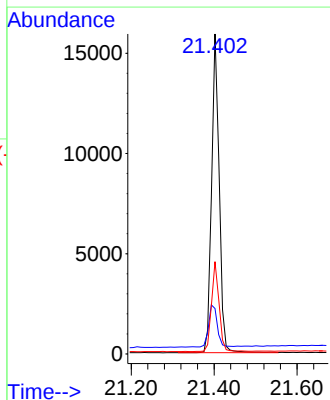
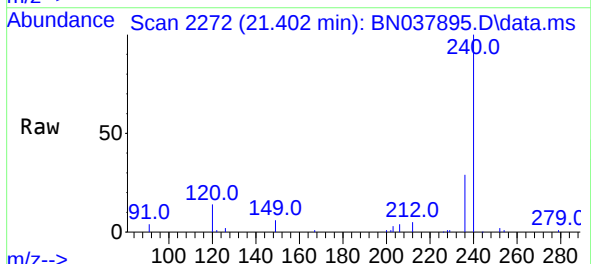


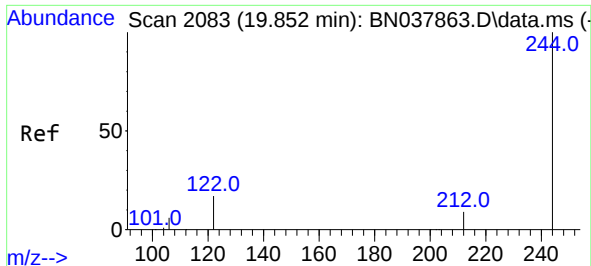
Tgt Ion:212 Resp: 22662
Ion Ratio Lower Upper
212 100
106 15.6 12.6 19.0
104 9.5 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

Tgt Ion:240 Resp: 20254
Ion Ratio Lower Upper
240 100
120 14.2 11.4 17.2
236 28.9 23.0 34.6

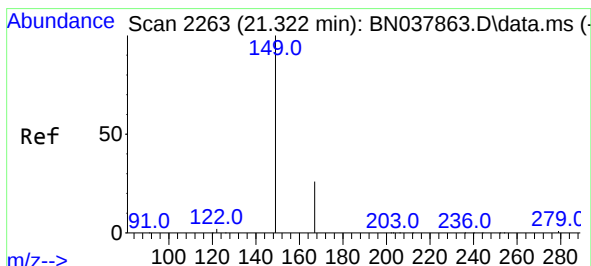
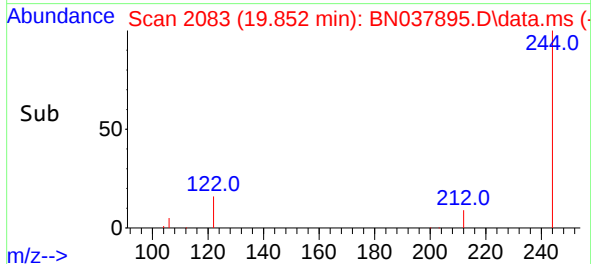
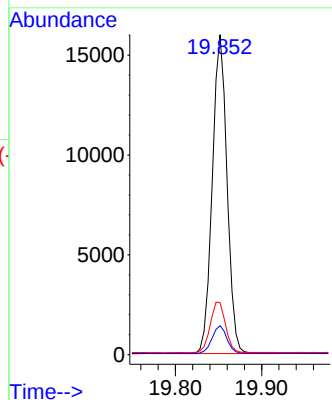
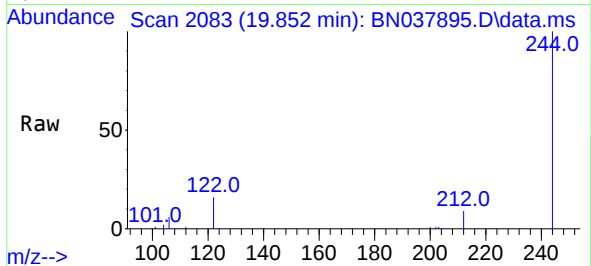




#31
 Terphenyl-d14
 Concen: 0.471 ng
 RT: 19.852 min Scan# 2083
 Delta R.T. -0.000 min
 Lab File: BN037895.D
 Acq: 25 Sep 2025 18:51

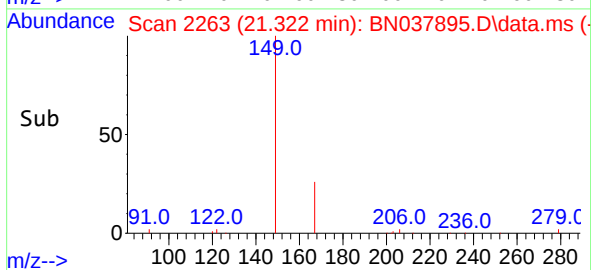
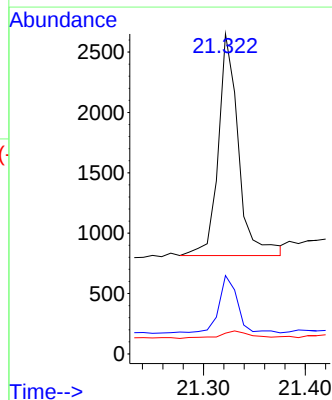
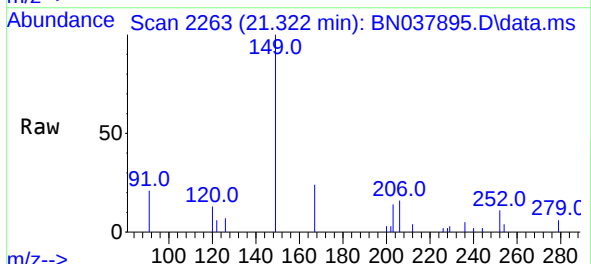
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 ClientSampleId :
 RE10-MW01S-20250918

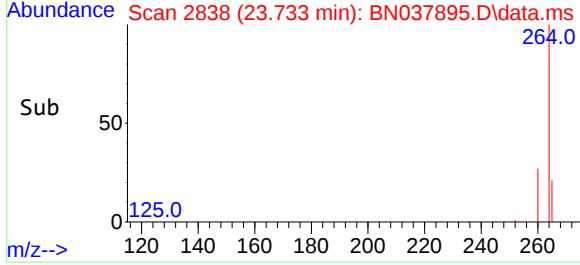
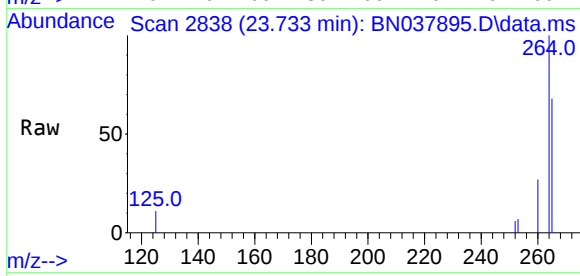
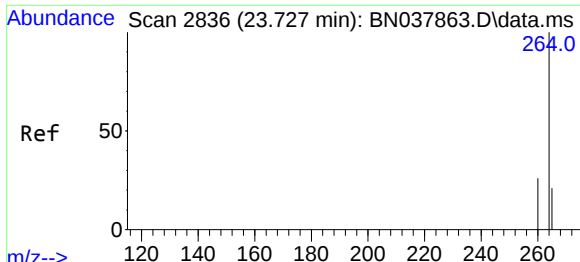
Tgt Ion:244 Resp: 18998
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.6 11.4
 122 16.3 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.090 ng
 RT: 21.322 min Scan# 2263
 Delta R.T. -0.000 min
 Lab File: BN037895.D
 Acq: 25 Sep 2025 18:51

Tgt Ion:149 Resp: 2525
 Ion Ratio Lower Upper
 149 100
 167 23.8 20.4 30.6
 279 5.2 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.733 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN037895.D
Acq: 25 Sep 2025 18:51

Instrument :
BNA_N
ClientSampleId :
RE10-MW01S-20250918

Tgt Ion:	264	Resp:	19096
Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.5	32.3
265	68.4	53.8	80.6

