

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
 Data File : BN037952.D
 Acq On : 30 Sep 2025 18:59
 Operator : RC/JU
 Sample : Q3193-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20250922

Quant Time: Oct 01 01:22:46 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)

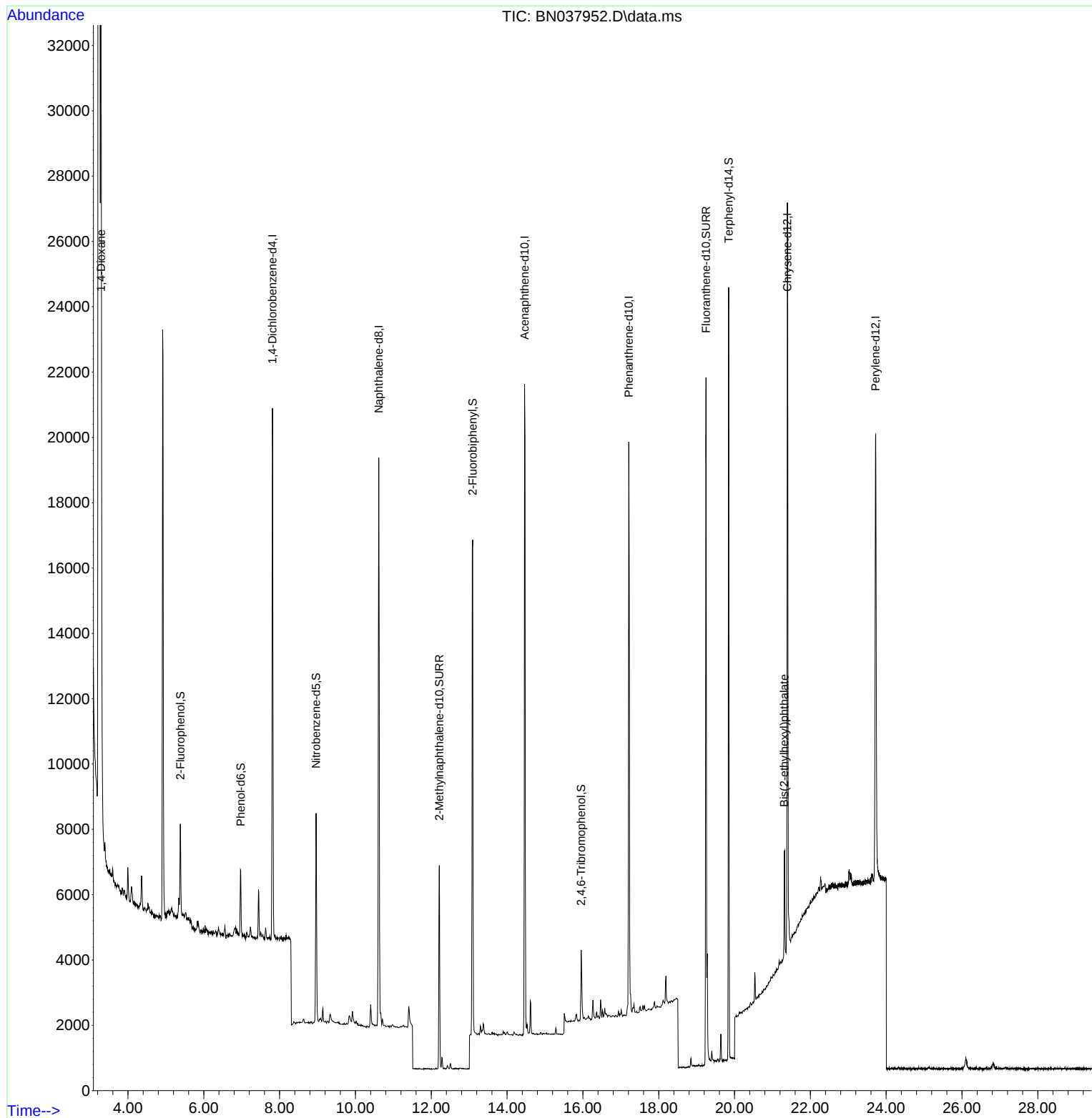
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	7793	0.400	ng	-0.01
7) Naphthalene-d8	10.616	136	22517	0.400	ng	-0.01
13) Acenaphthene-d10	14.462	164	11801	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	24660	0.400	ng	#-0.01
29) Chrysene-d12	21.393	240	21544	0.400	ng	# 0.00
35) Perylene-d12	23.721	264	19690	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2415	0.136	ng	0.00
5) Phenol-d6	6.973	99	1869	0.080	ng	0.00
8) Nitrobenzene-d5	8.961	82	5072	0.295	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	8204	0.262	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	1246	0.278	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	14354	0.297	ng	0.00
27) Fluoranthene-d10	19.248	212	22863	0.369	ng	0.00
31) Terphenyl-d14	19.847	244	22253	0.519	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	25012	3.162	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	3663	0.123	ng	100

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

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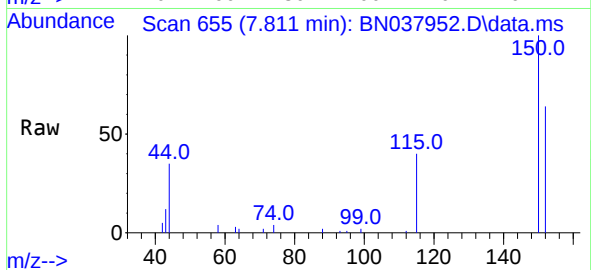
Quant Time: Oct 01 01:22:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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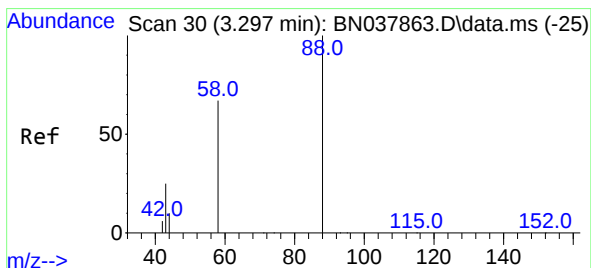
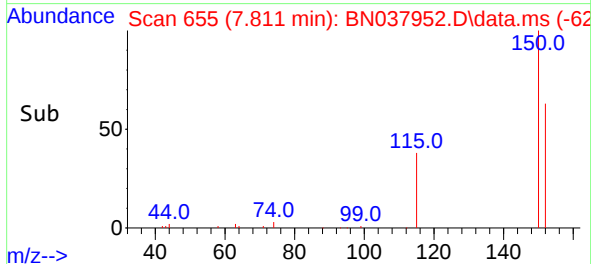
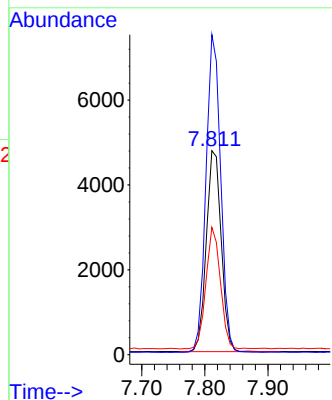


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

Instrument :
BNA_N
ClientSampleId :
RW4-20250922

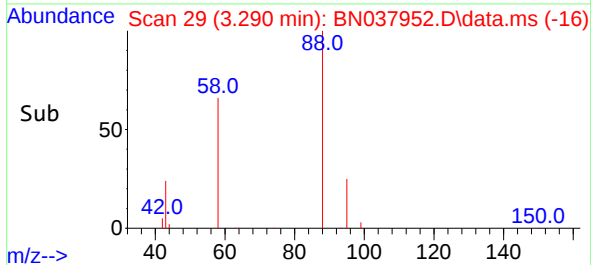
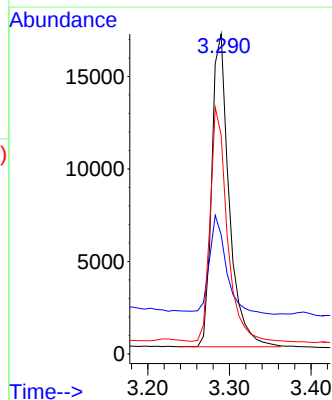
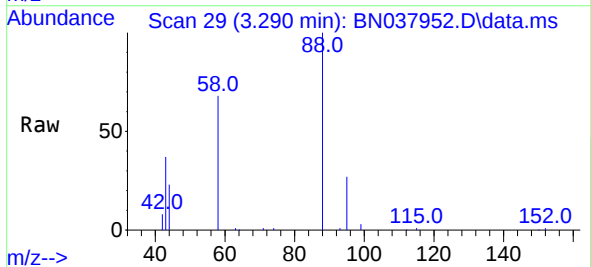


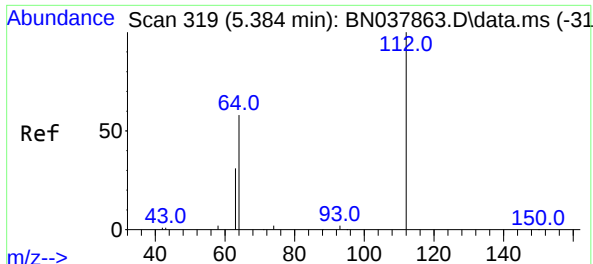
Tgt Ion:152 Resp: 7793
Ion Ratio Lower Upper
152 100
150 156.8 121.0 181.4
115 62.5 47.4 71.0



#2
1,4-Dioxane
Concen: 3.162 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

Tgt Ion: 88 Resp: 25012
Ion Ratio Lower Upper
88 100
43 31.3 26.6 39.8
58 73.3 58.9 88.3

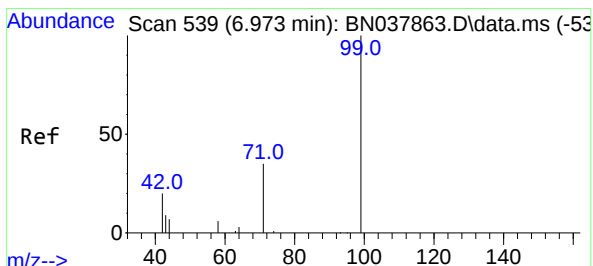
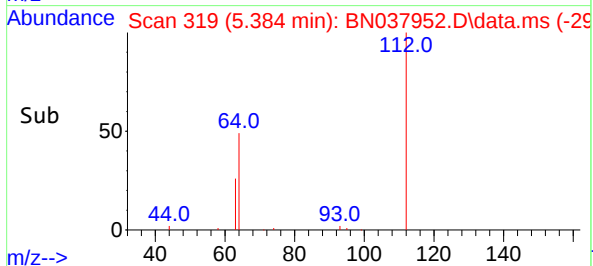
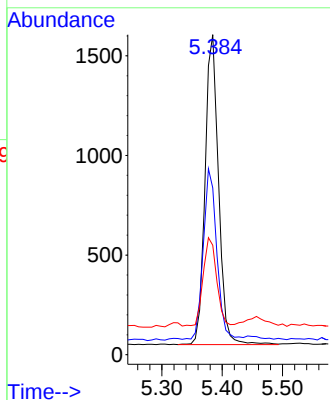
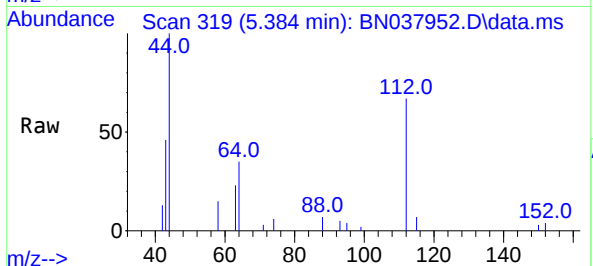




#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.384 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

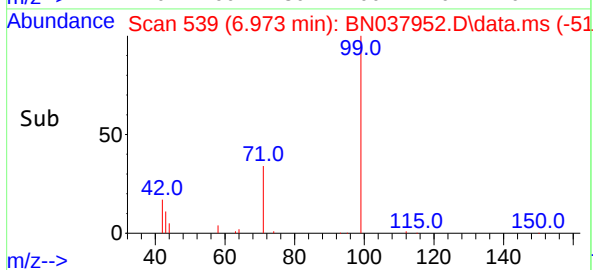
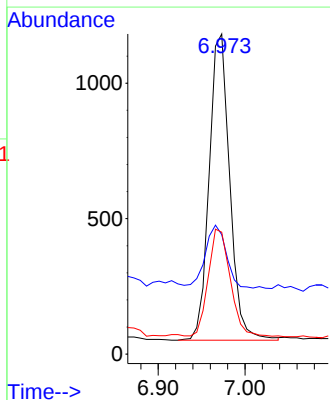
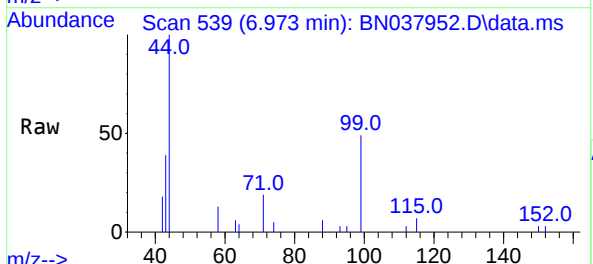
Instrument :
BNA_N
ClientSampleId :
RW4-20250922

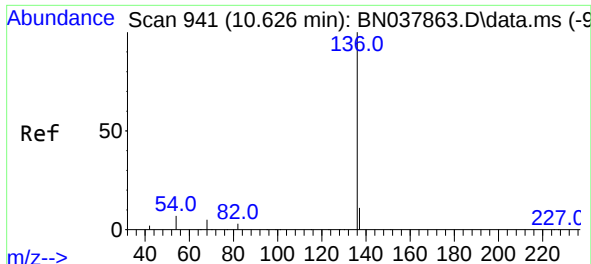
Tgt Ion:112 Resp: 2415
Ion Ratio Lower Upper
112 100
64 55.0 44.6 66.8
63 28.9 24.9 37.3



#5
Phenol-d6
Concen: 0.080 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

Tgt Ion: 99 Resp: 1869
Ion Ratio Lower Upper
99 100
42 21.5 17.2 25.8
71 37.8 27.3 40.9

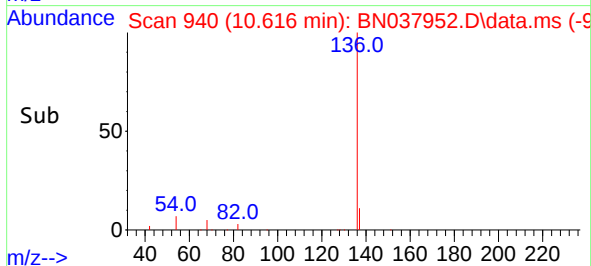
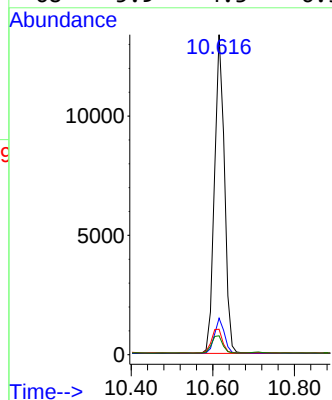
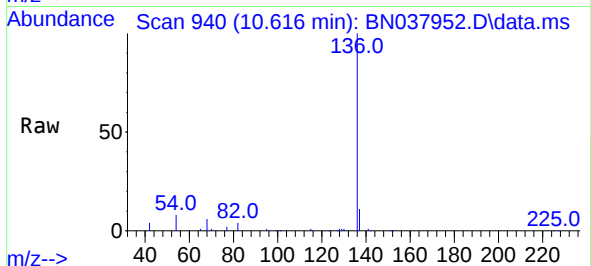




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

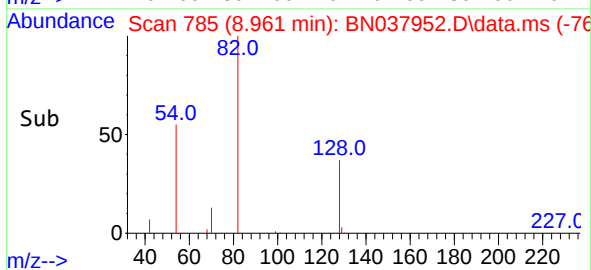
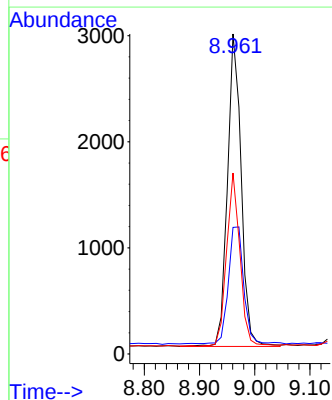
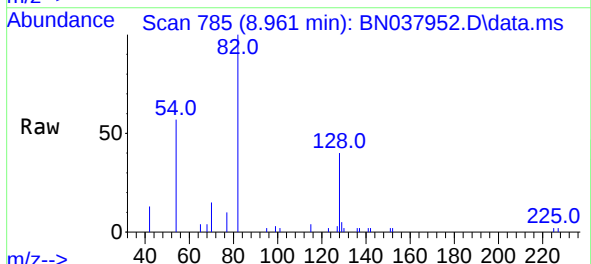
Instrument :
BNA_N
ClientSampleId :
RW4-20250922

Tgt Ion:	136	Resp:	22517
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.9	5.8	8.8
68	5.9	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

Tgt Ion:	82	Resp:	5072
Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.8	52.2
54	56.6	42.2	63.2

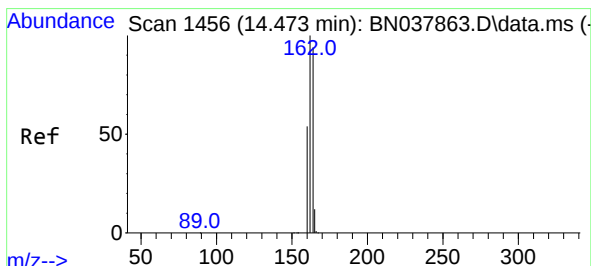
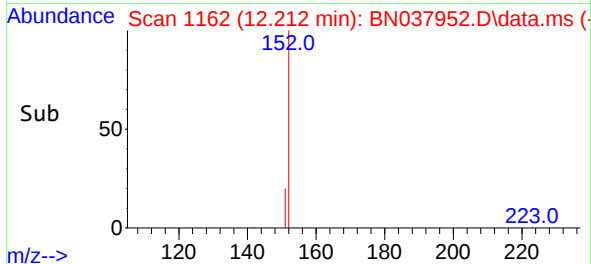
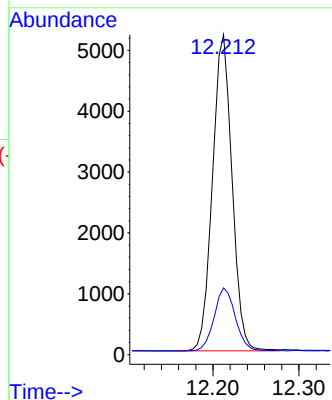
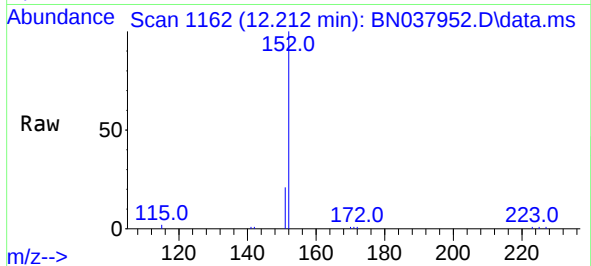




#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

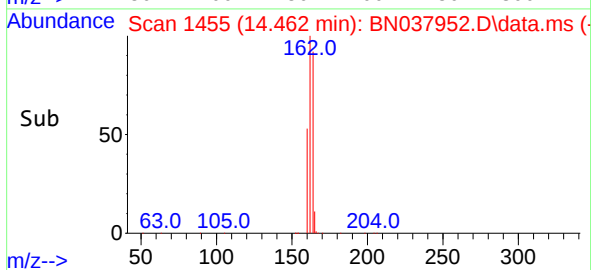
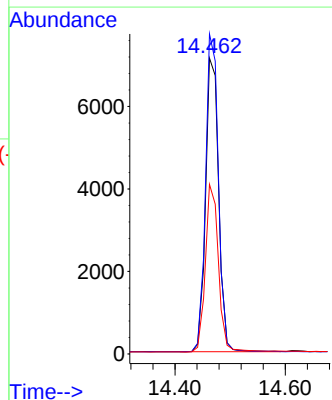
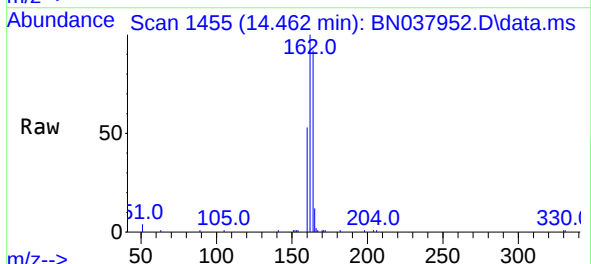
Instrument :
BNA_N
ClientSampleId :
RW4-20250922

Tgt Ion:152 Resp: 8204
Ion Ratio Lower Upper
152 100
151 21.7 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

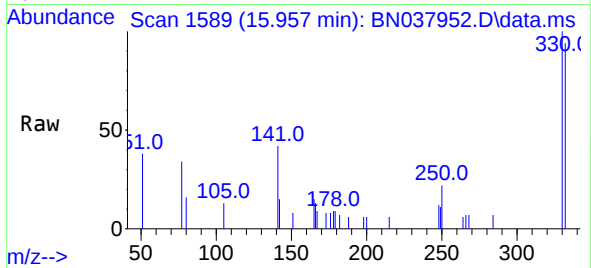
Tgt Ion:164 Resp: 11801
Ion Ratio Lower Upper
164 100
162 108.2 84.8 127.2
160 57.3 46.1 69.1



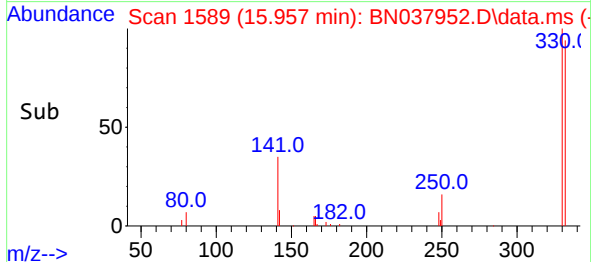
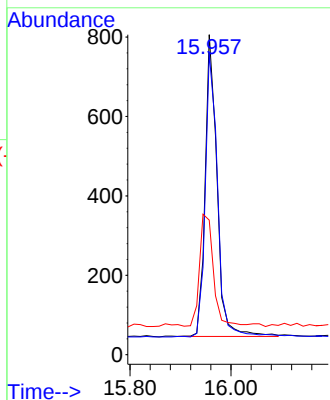


#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.957 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

Instrument :
BNA_N
ClientSampleId :
RW4-20250922

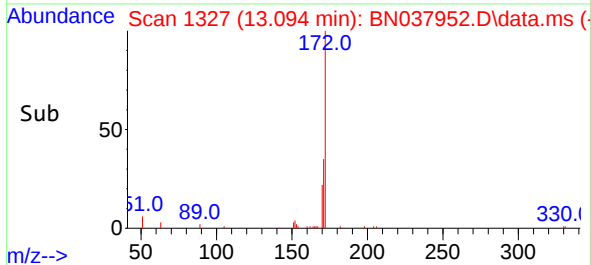
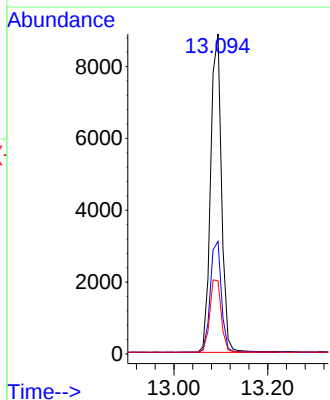
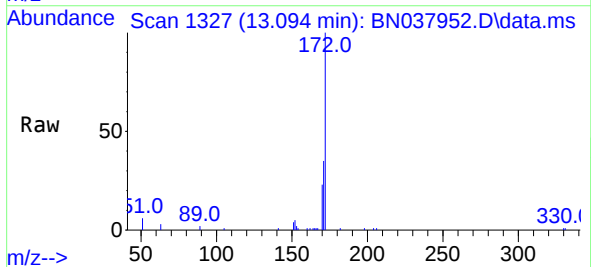


Tgt Ion:330 Resp: 1246
Ion Ratio Lower Upper
330 100
332 97.5 77.2 115.8
141 42.9 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

Tgt Ion:172 Resp: 14354
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 22.9 19.7 29.5

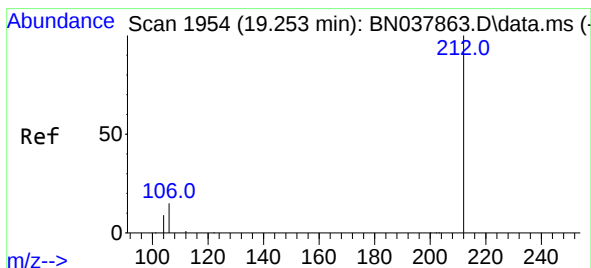
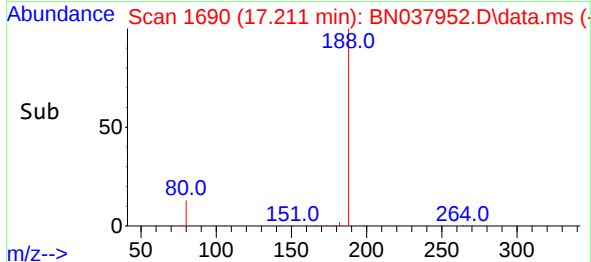
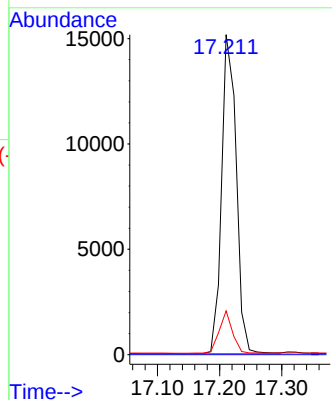
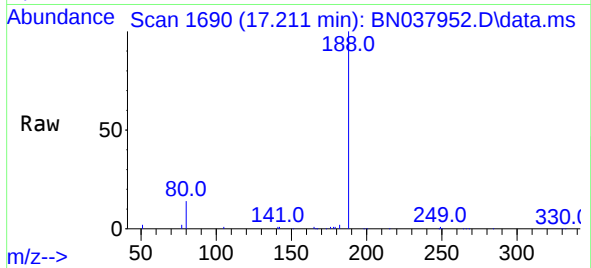




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

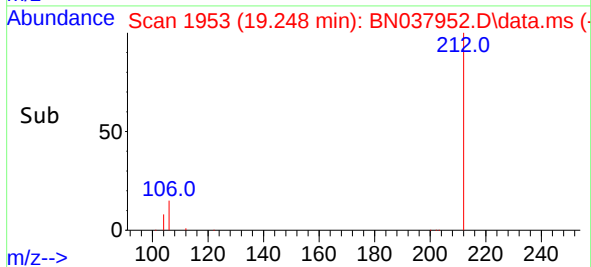
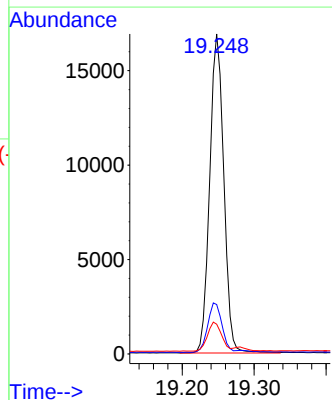
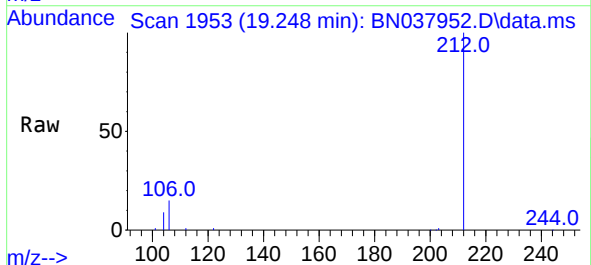
Instrument :
BNA_N
ClientSampleId :
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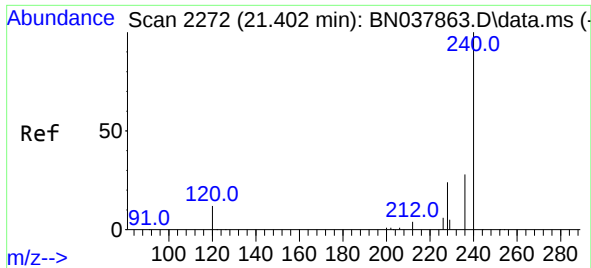
Tgt Ion:188 Resp: 24660
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 7.6 11.4#



#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.248 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

Tgt Ion:212 Resp: 22863
Ion Ratio Lower Upper
212 100
106 15.8 12.6 19.0
104 9.3 7.4 11.0

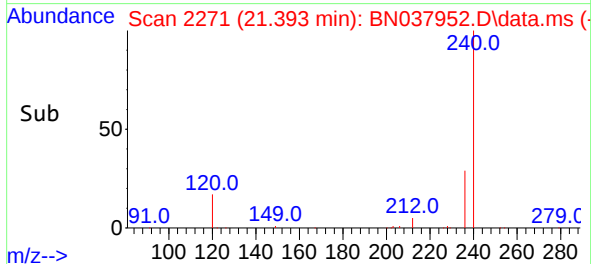
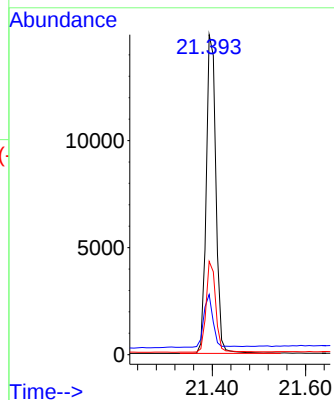
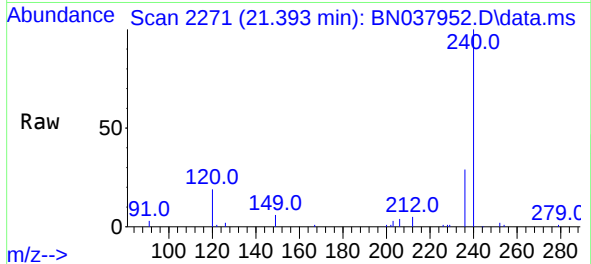




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

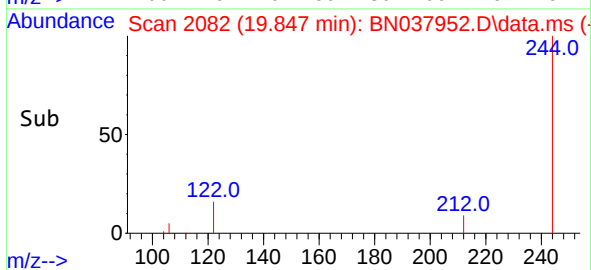
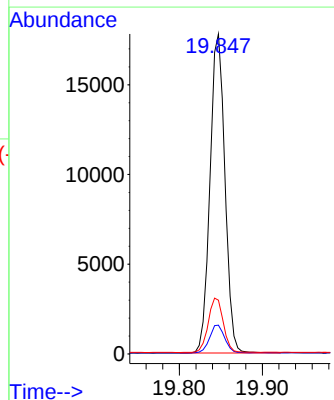
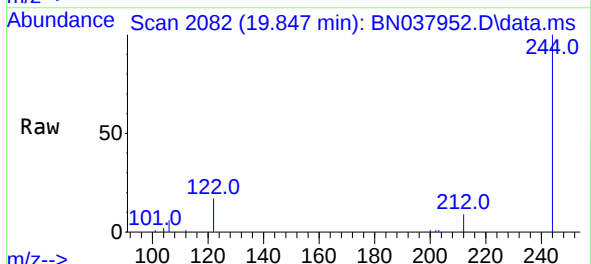
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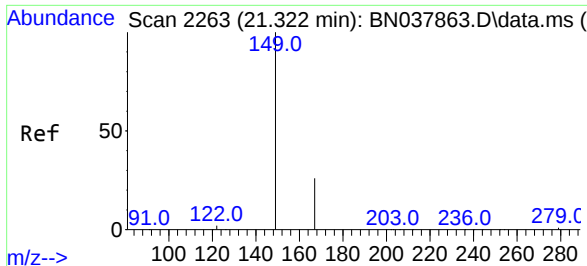
Tgt Ion:240 Resp: 21544
Ion Ratio Lower Upper
240 100
120 18.8 11.4 17.2#
236 29.2 23.0 34.6



#31
Terphenyl-d14
Concen: 0.519 ng
RT: 19.847 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

Tgt Ion:244 Resp: 22253
Ion Ratio Lower Upper
244 100
212 9.0 7.6 11.4
122 16.8 13.9 20.9

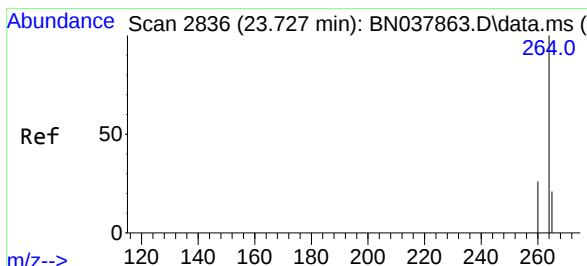
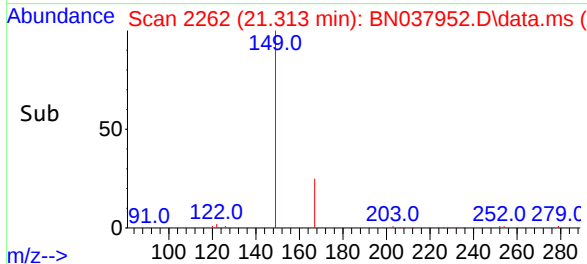
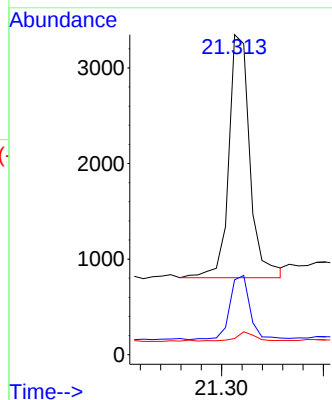
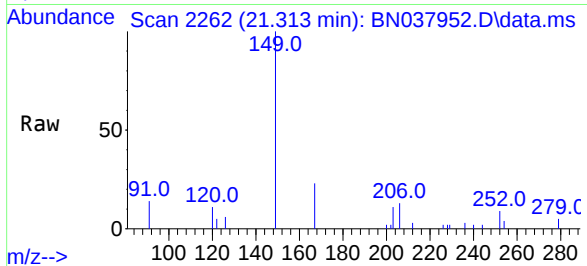




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.123 ng
RT: 21.313 min Scan# 2131
Delta R.T. -0.009 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

Instrument :
BNA_N
ClientSampleId :
RW4-20250922

Tgt Ion:149 Resp: 3663
Ion Ratio Lower Upper
149 100
167 25.4 20.4 30.6
279 3.3 2.4 3.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.721 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BN037952.D
Acq: 30 Sep 2025 18:59

Tgt Ion:264 Resp: 19690
Ion Ratio Lower Upper
264 100
260 26.4 21.5 32.3
265 66.0 53.8 80.6

