

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092925\
 Data File : BN037932.D
 Acq On : 29 Sep 2025 12:06
 Operator : RC/JU
 Sample : PB169839BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB169839BL

Quant Time: Sep 29 12:32:06 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)

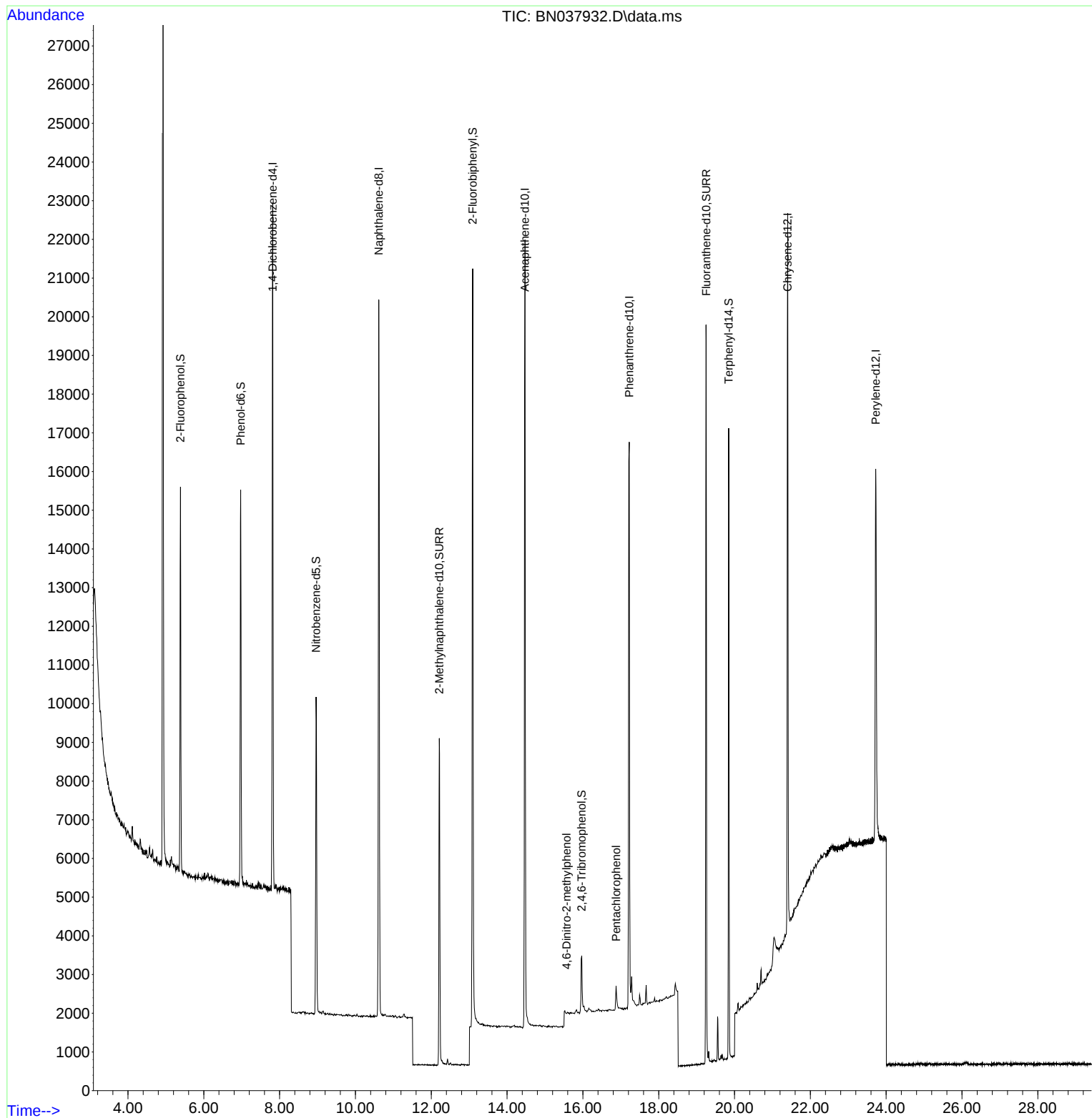
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	8651	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	24367	0.400	ng	-0.01
13) Acenaphthene-d10	14.473	164	11932	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	23393	0.400	ng	# 0.00
29) Chrysene-d12	21.402	240	17581	0.400	ng	0.00
35) Perylene-d12	23.724	264	14270	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	7784	0.394	ng	0.00
5) Phenol-d6	6.973	99	9742	0.376	ng	0.00
8) Nitrobenzene-d5	8.961	82	6911	0.372	ng	-0.01
11) 2-Methylnaphthalene-d10	12.212	152	11835	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1137	0.251	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	18416	0.377	ng	0.00
27) Fluoranthene-d10	19.253	212	21125	0.359	ng	0.00
31) Terphenyl-d14	19.847	244	14935	0.426	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.572	198	5	0.069	ng	# 1
24) Pentachlorophenol	16.876	266	480	0.076	ng	92

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

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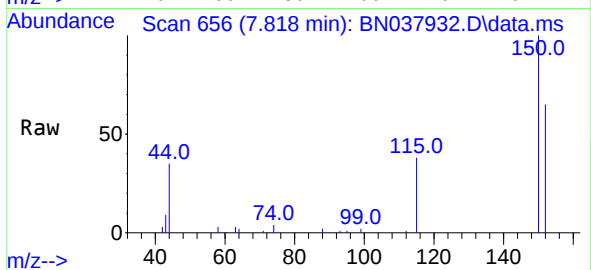
Quant Time: Sep 29 12:32:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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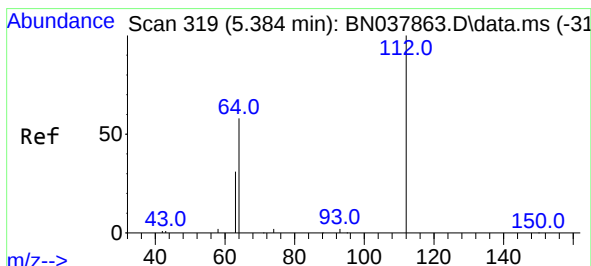
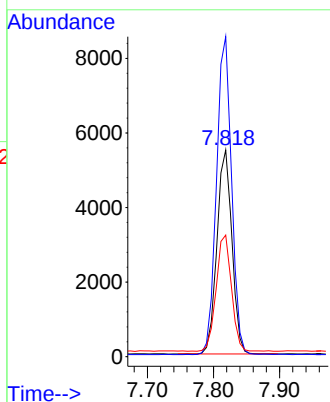
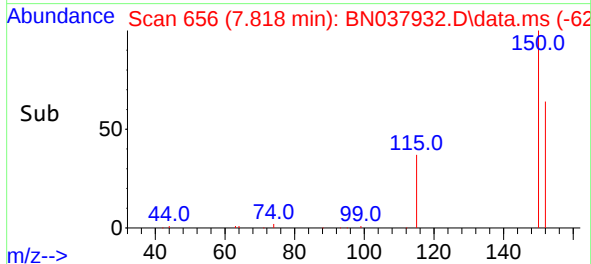


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

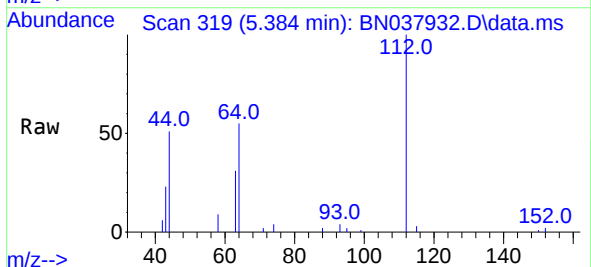
Instrument :
BNA_N
ClientSampleId :
PB169839BL



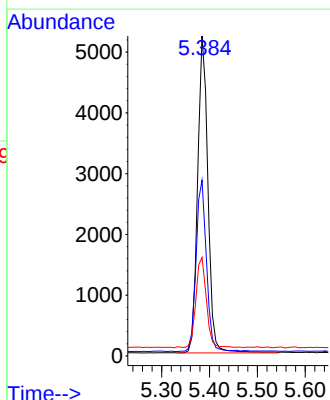
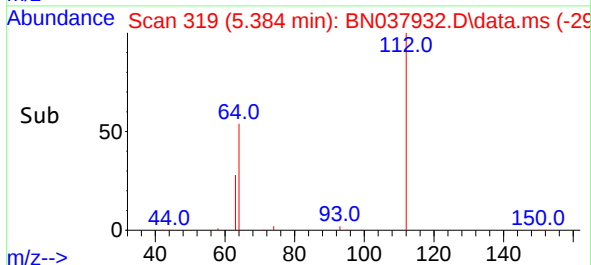
Tgt Ion:152 Resp: 8651
Ion Ratio Lower Upper
152 100
150 154.8 121.0 181.4
115 58.8 47.4 71.0

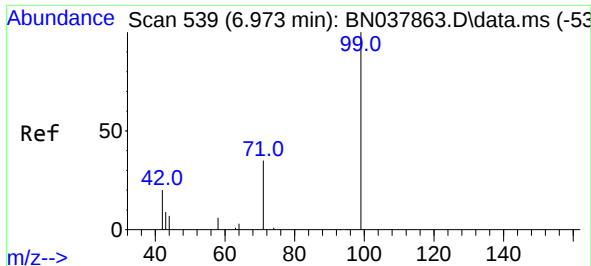


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06



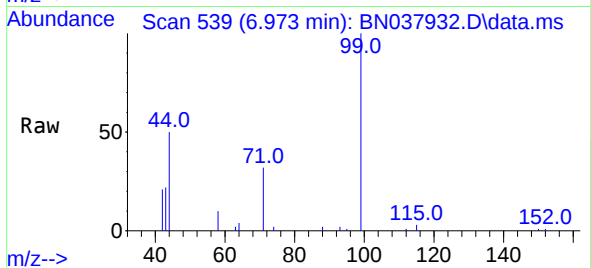
Tgt Ion:112 Resp: 7784
Ion Ratio Lower Upper
112 100
64 54.9 44.6 66.8
63 29.5 24.9 37.3



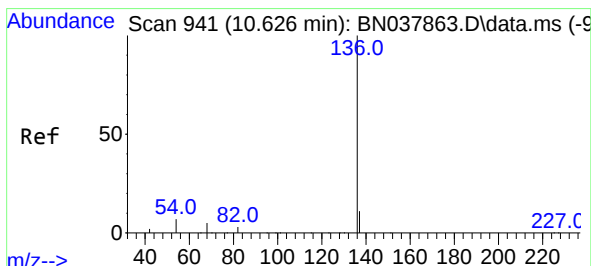
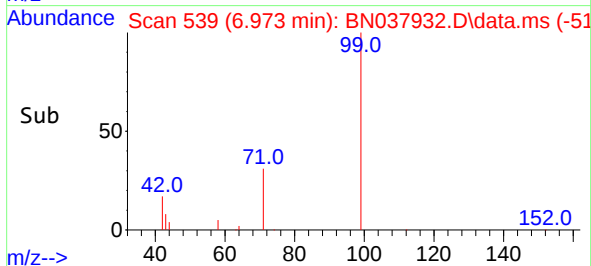
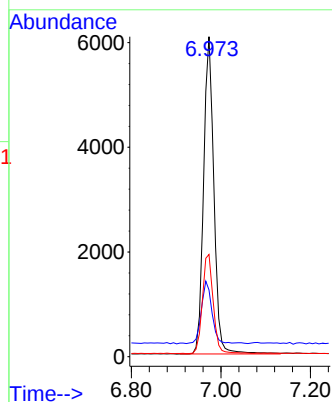


#5
Phenol-d6
Concen: 0.376 ng
RT: 6.973 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

Instrument :
BNA_N
ClientSampleId :
PB169839BL

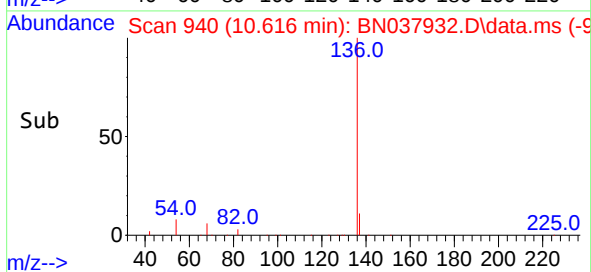
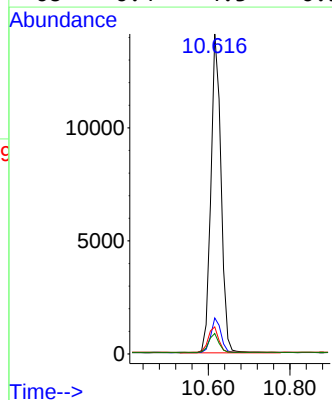
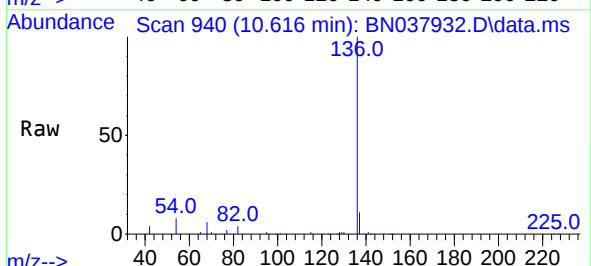


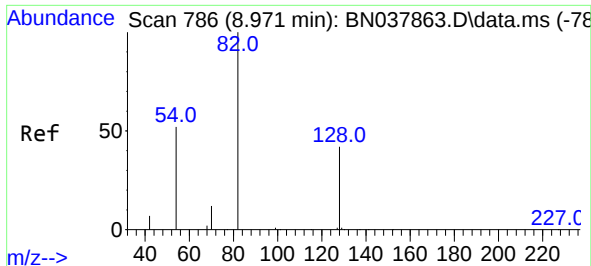
Tgt Ion:	99	Resp:	9742
Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.2	25.8
71	32.8	27.3	40.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

Tgt Ion:	136	Resp:	24367
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.4	5.8	8.8
68	6.4	4.3	6.5

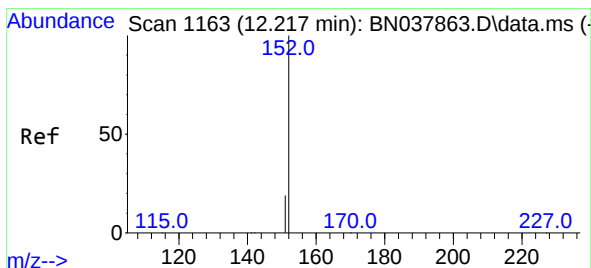
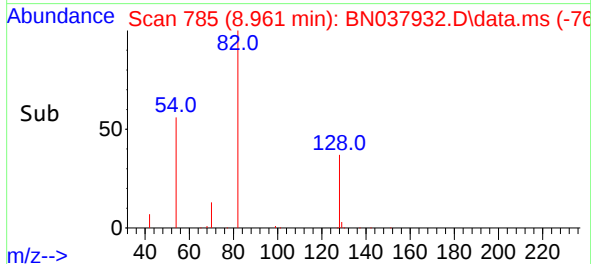
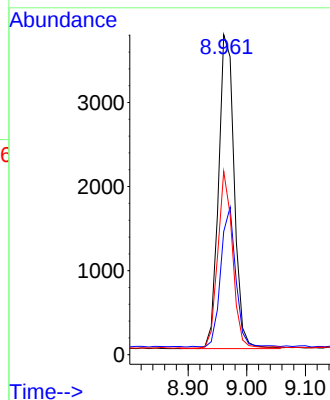
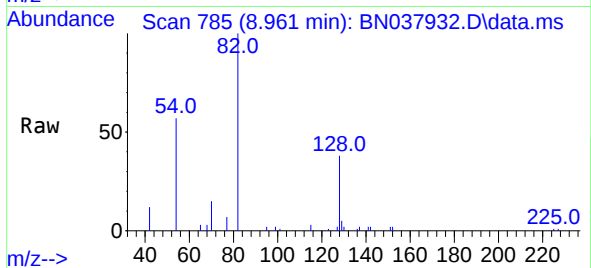




#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.961 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

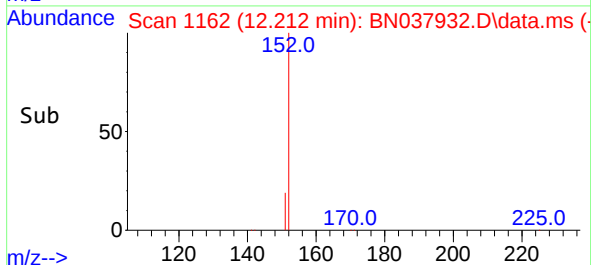
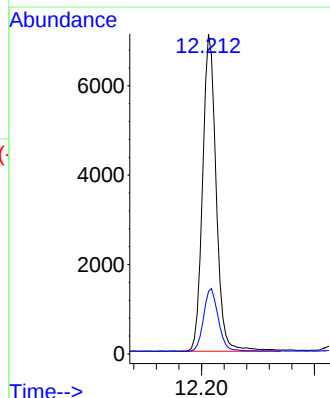
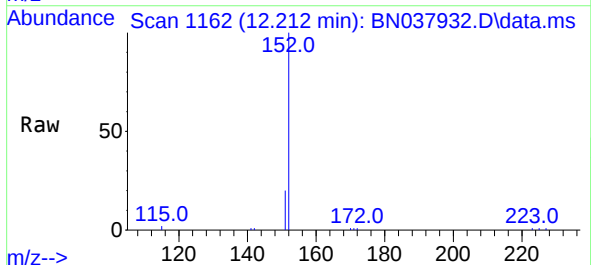
Instrument :
BNA_N
ClientSampleId :
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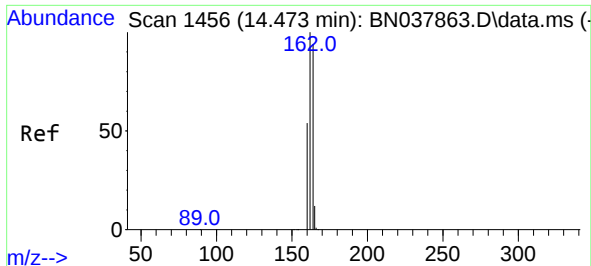
Tgt Ion: 82 Resp: 6911
Ion Ratio Lower Upper
82 100
128 38.5 34.8 52.2
54 57.3 42.2 63.2



#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

Tgt Ion: 152 Resp: 11835
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2

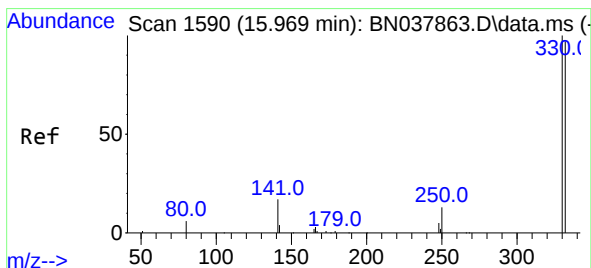
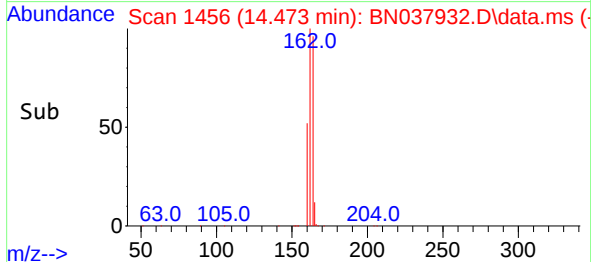
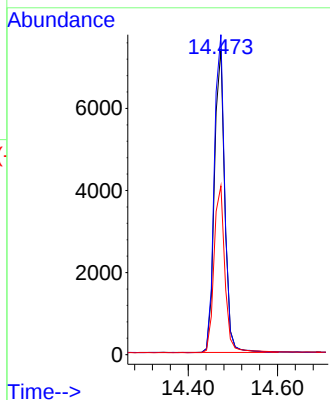
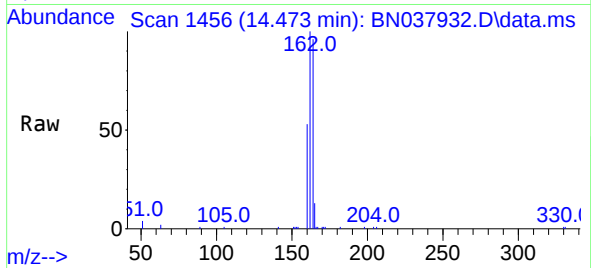




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

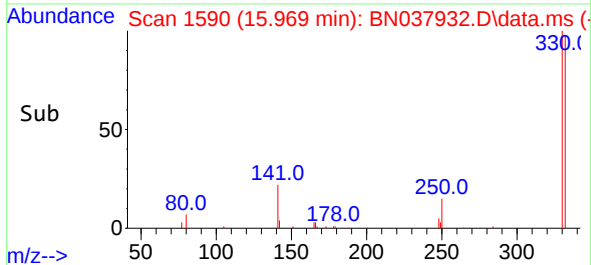
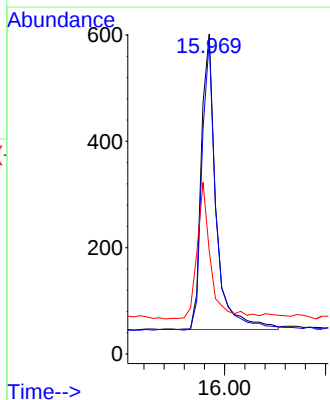
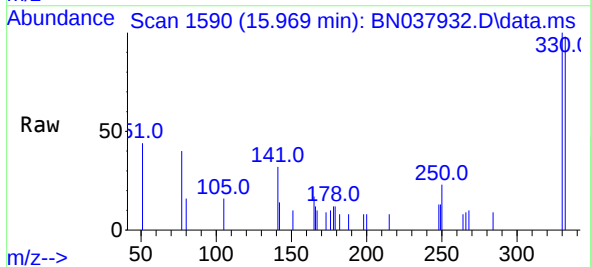
Instrument :
BNA_N
ClientSampleId :
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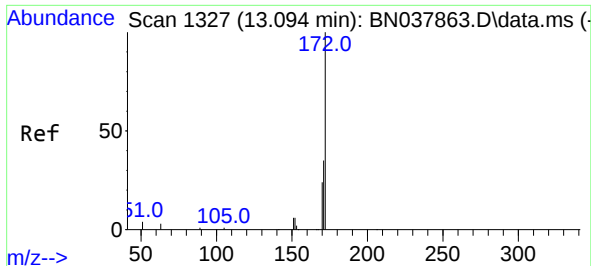
Tgt Ion:164 Resp: 11932
Ion Ratio Lower Upper
164 100
162 104.6 84.8 127.2
160 55.2 46.1 69.1



#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

Tgt Ion:330 Resp: 1137
Ion Ratio Lower Upper
330 100
332 95.0 77.2 115.8
141 43.0 37.2 55.8

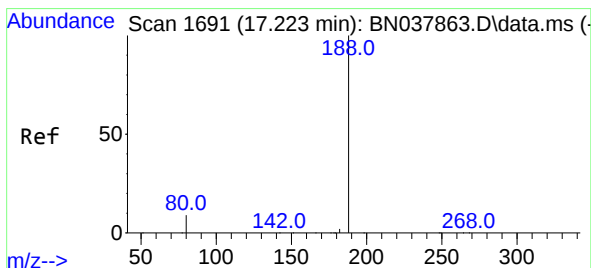
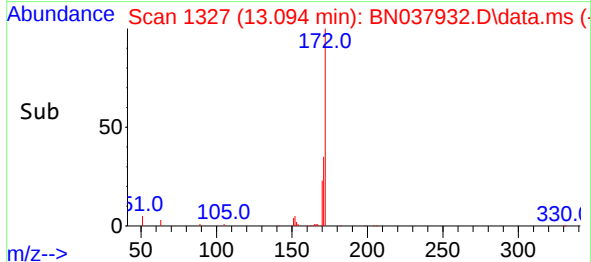
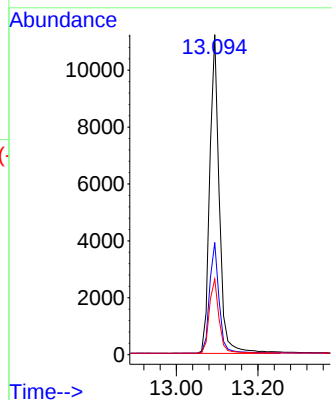
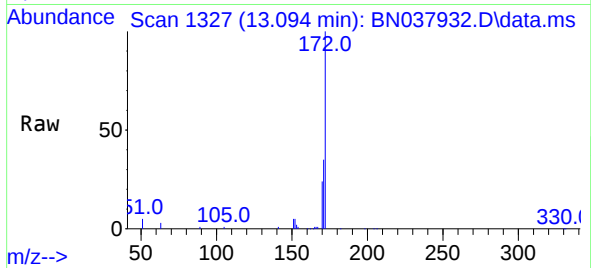




#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.094 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

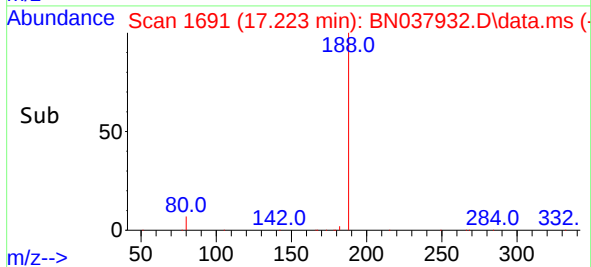
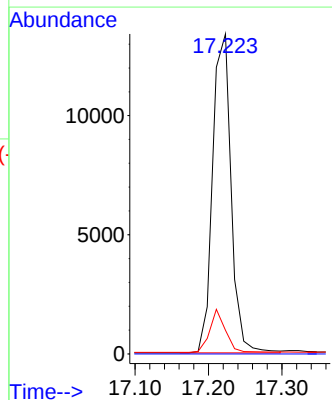
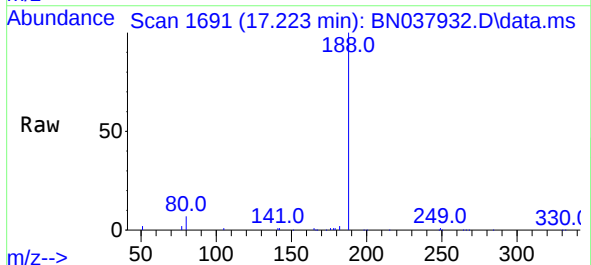
Instrument :
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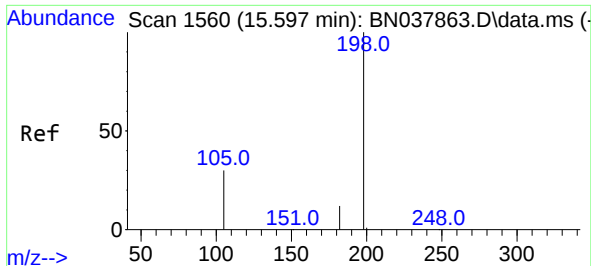
Tgt Ion:172 Resp: 18416
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.7 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

Tgt Ion:188 Resp: 23393
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 7.6 11.4#

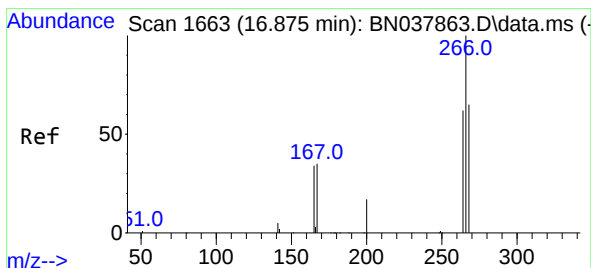
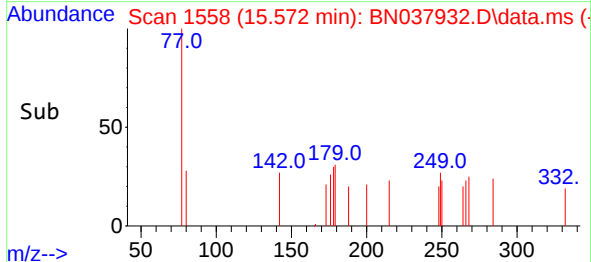
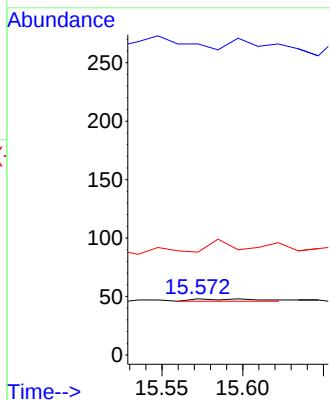
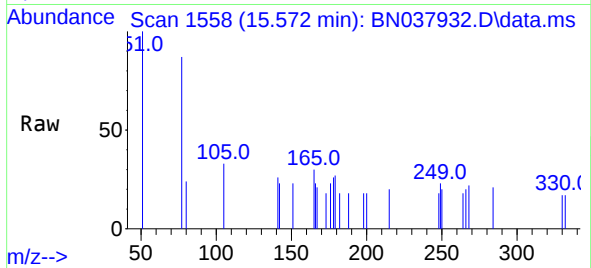




#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.572 min Scan# 1558
Delta R.T. -0.025 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

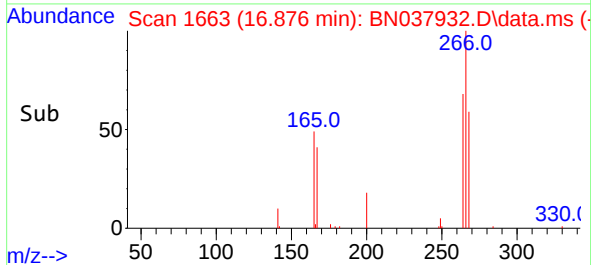
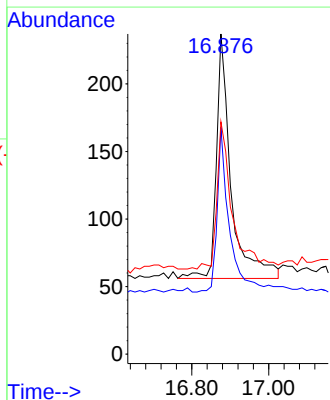
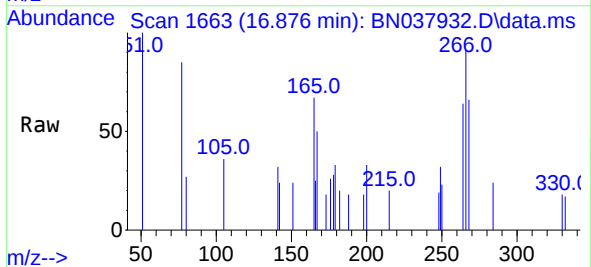
Instrument :
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PB169839BL

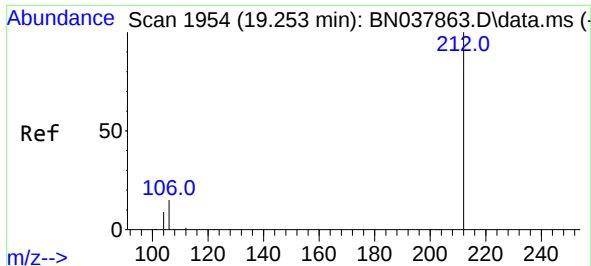
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 554.2 59.1 88.7#
105 183.3 41.3 61.9#



#24
Pentachlorophenol
Concen: 0.076 ng
RT: 16.876 min Scan# 1663
Delta R.T. 0.001 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

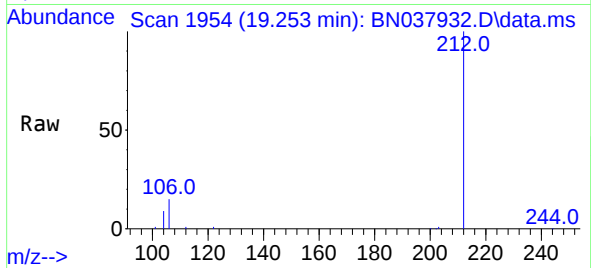
Tgt Ion:266 Resp: 480
Ion Ratio Lower Upper
266 100
264 56.3 50.9 76.3
268 62.7 54.3 81.5



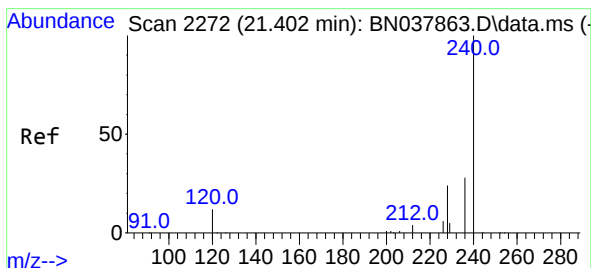
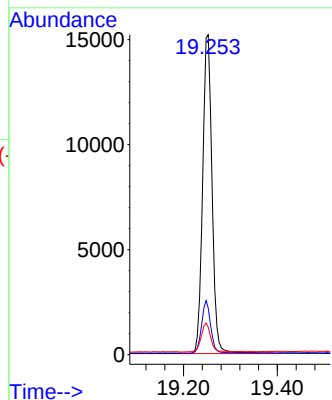


#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.253 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

Instrument :
BNA_N
ClientSampleId :
PB169839BL

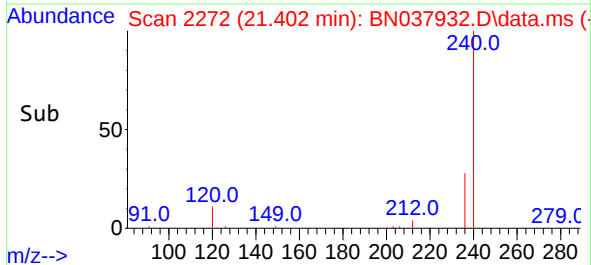
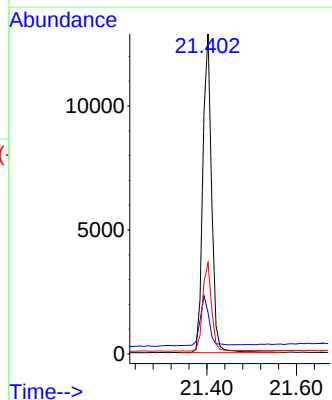
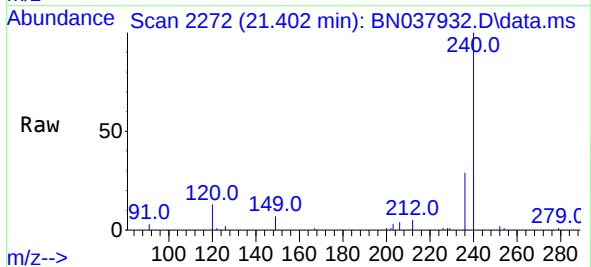


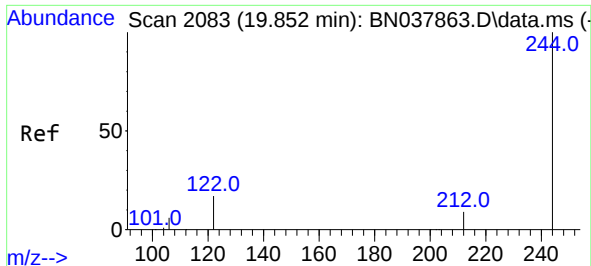
Tgt Ion:212 Resp: 21125
Ion Ratio Lower Upper
212 100
106 15.7 12.6 19.0
104 9.0 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

Tgt Ion:240 Resp: 17581
Ion Ratio Lower Upper
240 100
120 13.0 11.4 17.2
236 28.5 23.0 34.6

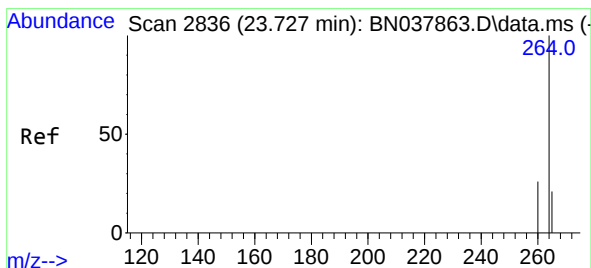
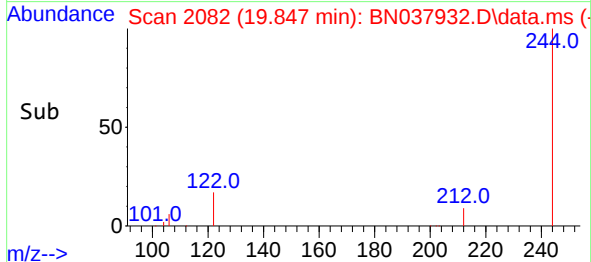
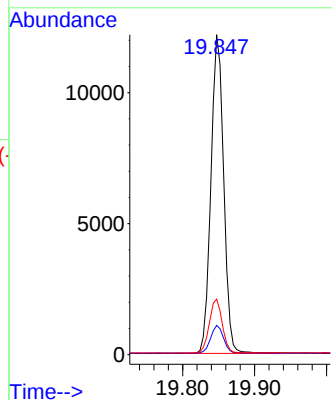
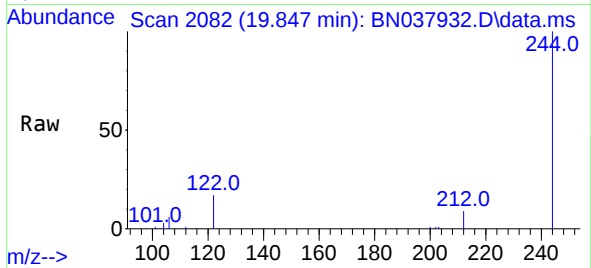




#31
Terphenyl-d14
Concen: 0.426 ng
RT: 19.847 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

Instrument :
BNA_N
ClientSampleId :
PB169839BL

Tgt Ion:244 Resp: 14935
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 17.3 13.9 20.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.724 min Scan# 2835
Delta R.T. -0.003 min
Lab File: BN037932.D
Acq: 29 Sep 2025 12:06

Tgt Ion:264 Resp: 14270
Ion Ratio Lower Upper
264 100
260 27.1 21.5 32.3
265 85.1 53.8 80.6#

