

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036321.D
 Acq On : 06 Feb 2025 06:15
 Operator : RC/JU
 Sample : PB166533BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166533BL

Quant Time: Feb 06 06:51:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 01:04:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2306	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	4718	0.400	ng	# 0.01
13) Acenaphthene-d10	14.420	164	2285	0.400	ng	0.01
19) Phenanthrene-d10	17.161	188	4231	0.400	ng	0.00
29) Chrysene-d12	21.348	240	3945	0.400	ng	0.00
35) Perylene-d12	23.627	264	4266	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.363	112	2328	0.388	ng	0.00
5) Phenol-d6	6.952	99	2382	0.338	ng	0.00
8) Nitrobenzene-d5	8.929	82	1975	0.443	ng	0.00
11) 2-Methylnaphthalene-d10	12.172	152	2700	0.421	ng	0.02
14) 2,4,6-Tribromophenol	15.920	330	293	0.200	ng	0.01
15) 2-Fluorobiphenyl	13.051	172	3938	0.386	ng	0.01
27) Fluoranthene-d10	19.192	212	4816	0.439	ng	0.00
31) Terphenyl-d14	19.787	244	3466	0.423	ng	0.00

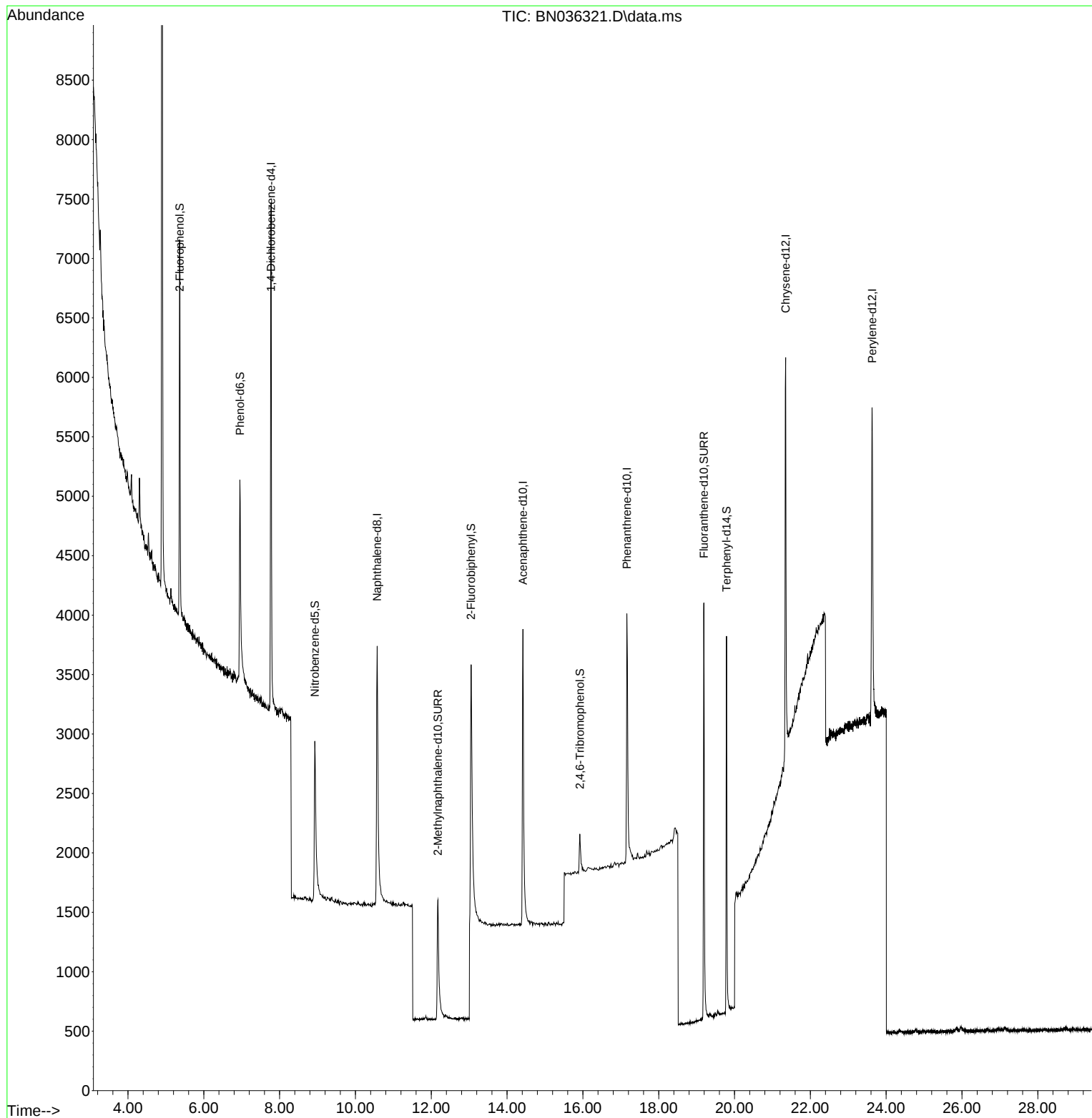
Target Compounds Qvalue

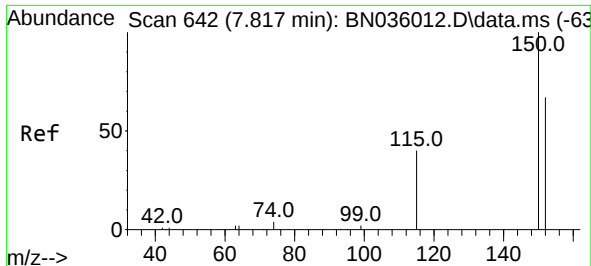
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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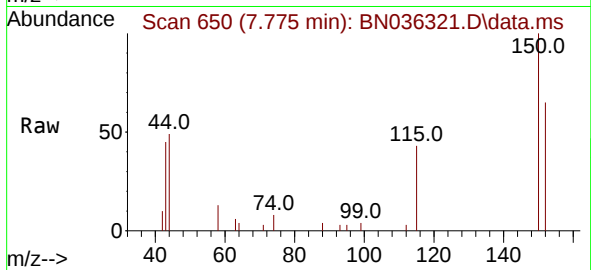
Quant Time: Feb 06 06:51:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
Response via : Initial Calibration





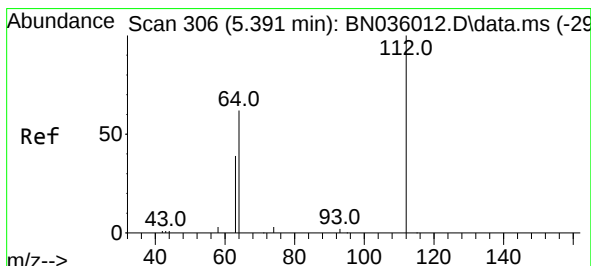
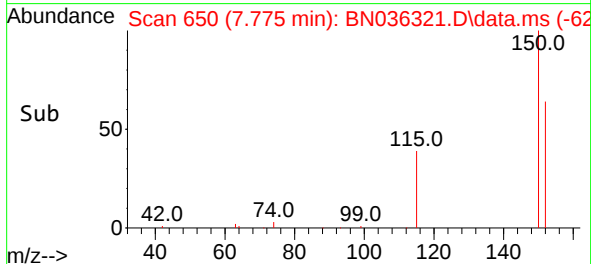
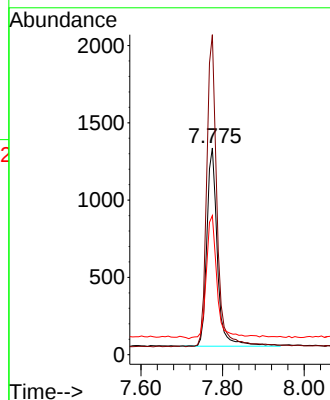
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036321.D
 Acq: 06 Feb 2025 06:15

Instrument :
 BNA_N
 ClientSampleId :
 PB166533BL



Tgt Ion:152 Resp: 2306

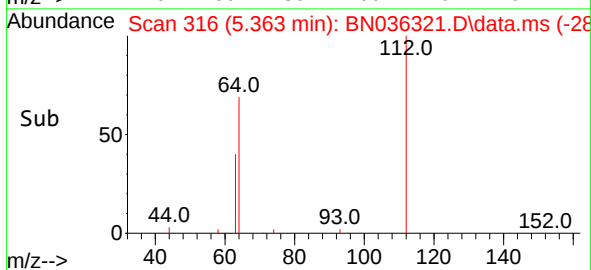
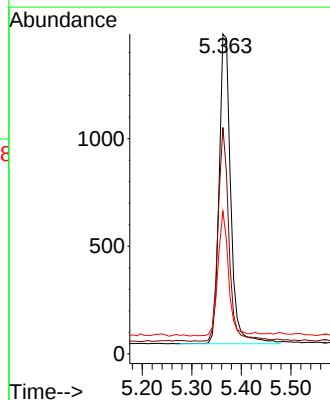
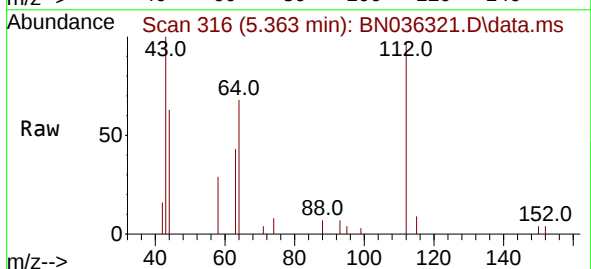
Ion	Ratio	Lower	Upper
152	100		
150	154.8	117.4	176.2
115	67.3	51.0	76.4

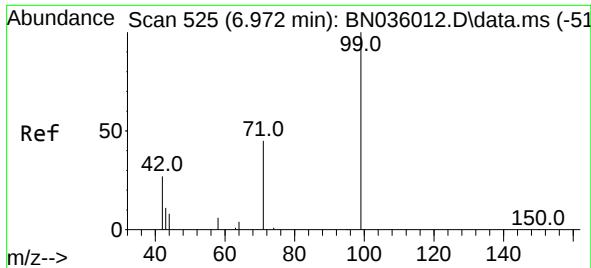


#4
 2-Fluorophenol
 Concen: 0.388 ng
 RT: 5.363 min Scan# 316
 Delta R.T. -0.000 min
 Lab File: BN036321.D
 Acq: 06 Feb 2025 06:15

Tgt Ion:112 Resp: 2328

Ion	Ratio	Lower	Upper
112	100		
64	64.6	50.0	75.0
63	36.5	30.7	46.1

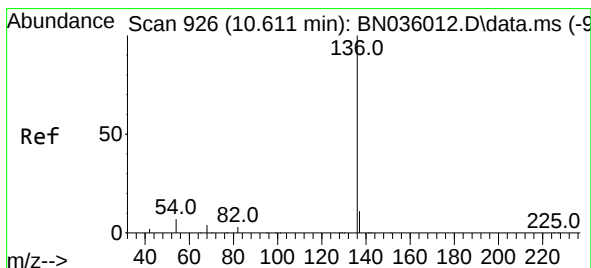
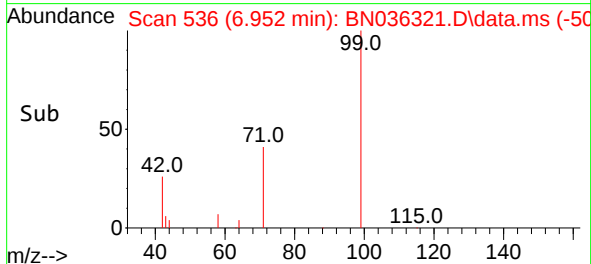
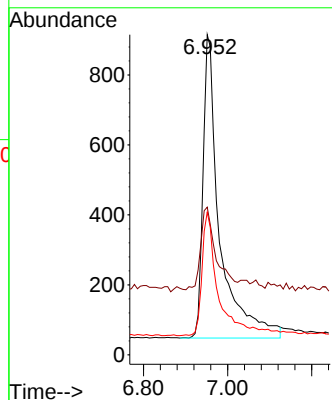
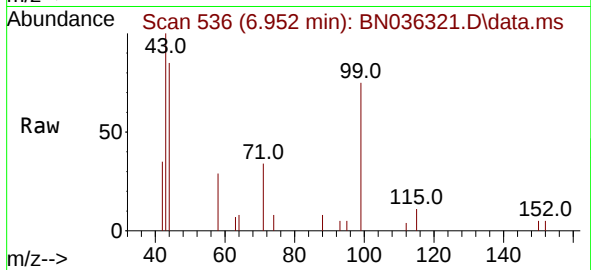




#5
Phenol-d6
Concen: 0.338 ng
RT: 6.952 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN036321.D
Acq: 06 Feb 2025 06:15

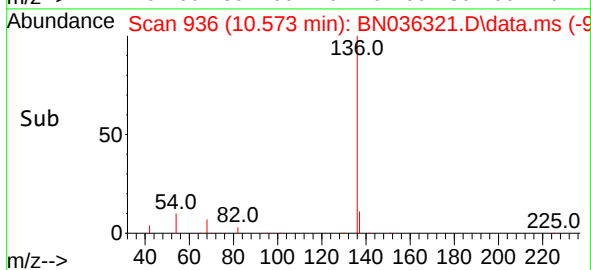
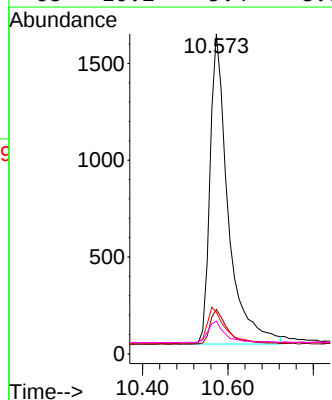
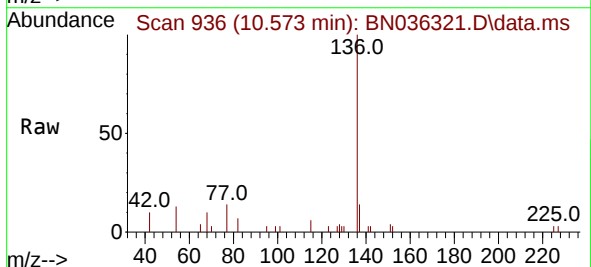
Instrument :
BNA_N
ClientSampleId :
PB166533BL

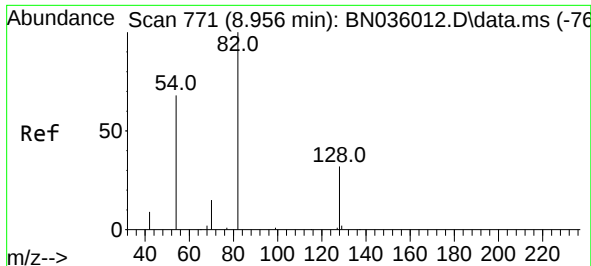
Tgt Ion: 99 Resp: 2382
Ion Ratio Lower Upper
99 100
42 25.4 26.8 40.2#
71 40.2 36.6 55.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.011 min
Lab File: BN036321.D
Acq: 06 Feb 2025 06:15

Tgt Ion: 136 Resp: 4718
Ion Ratio Lower Upper
136 100
137 13.9 10.4 15.6
54 13.0 7.7 11.5#
68 10.2 5.4 8.0#

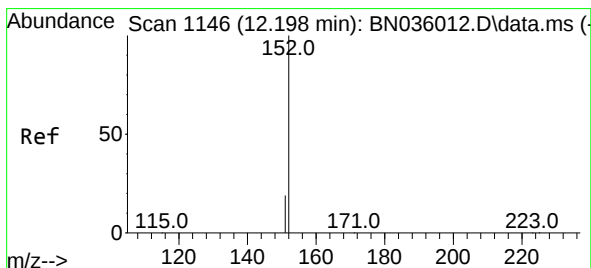
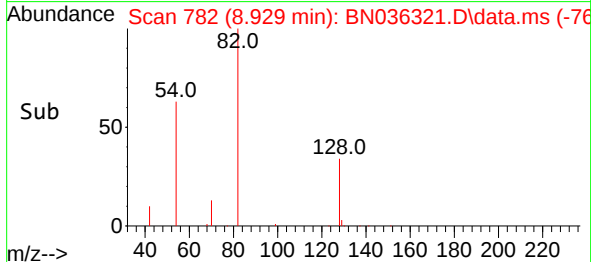
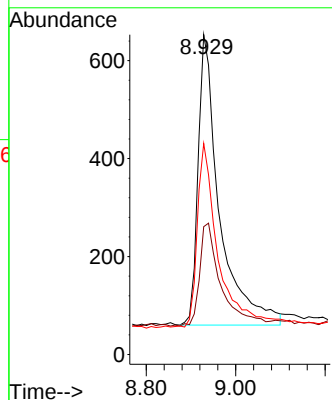
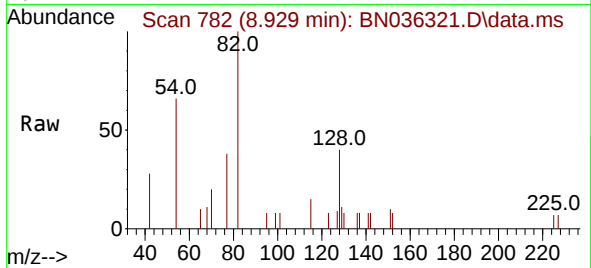




#8
Nitrobenzene-d5
Concen: 0.443 ng
RT: 8.929 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN036321.D
Acq: 06 Feb 2025 06:15

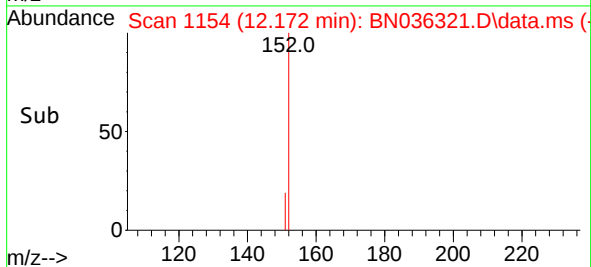
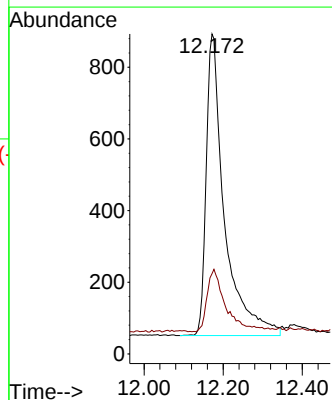
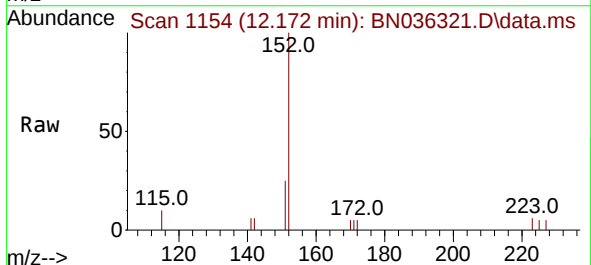
Instrument :
BNA_N
ClientSampleId :
PB166533BL

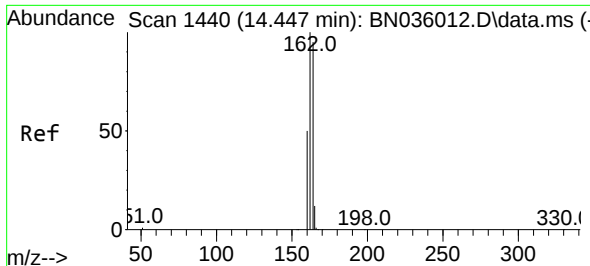
Tgt Ion: 82 Resp: 1975
Ion Ratio Lower Upper
82 100
128 40.0 28.8 43.2
54 66.0 55.8 83.8



#11
2-Methylnaphthalene-d10
Concen: 0.421 ng
RT: 12.172 min Scan# 1154
Delta R.T. 0.015 min
Lab File: BN036321.D
Acq: 06 Feb 2025 06:15

Tgt Ion: 152 Resp: 2700
Ion Ratio Lower Upper
152 100
151 21.2 16.6 25.0

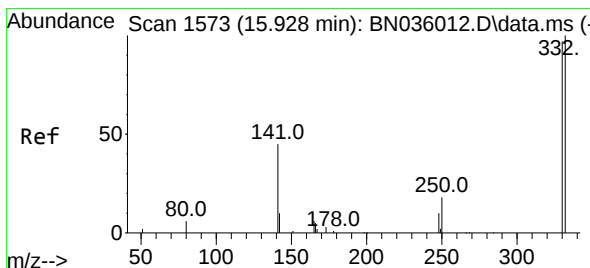
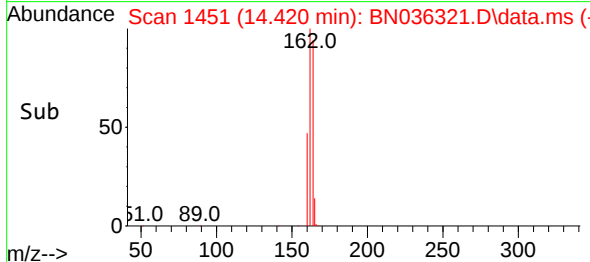
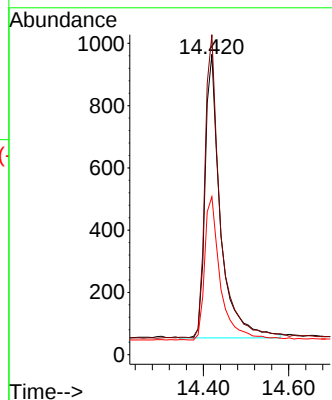
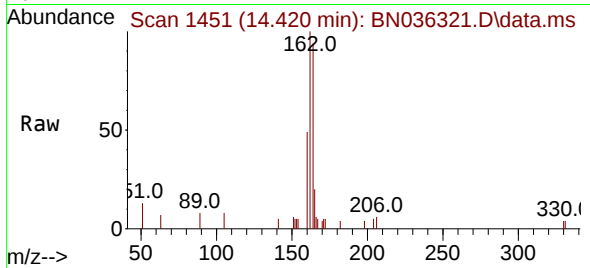




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.420 min Scan# 1440
 Delta R.T. 0.011 min
 Lab File: BN036321.D
 Acq: 06 Feb 2025 06:15

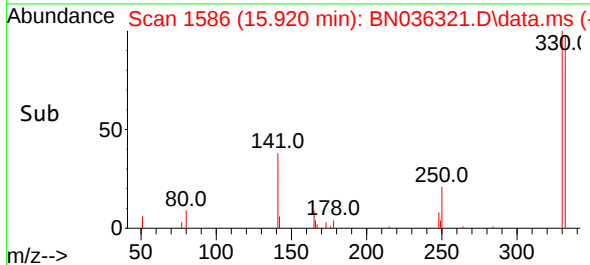
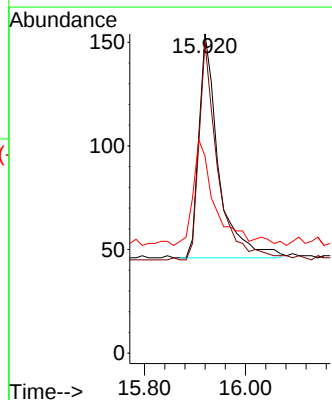
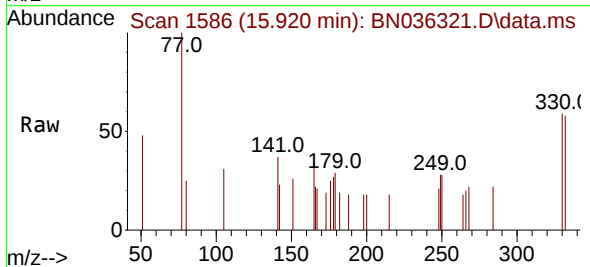
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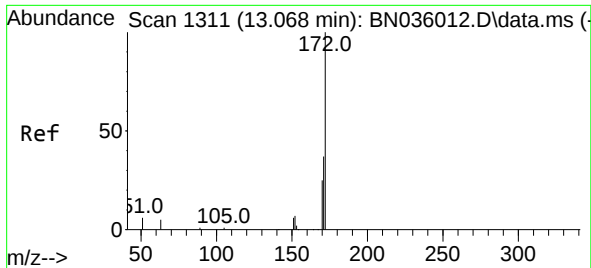
Tgt Ion:164 Resp: 2285
 Ion Ratio Lower Upper
 164 100
 162 106.5 84.1 126.1
 160 52.5 43.8 65.8



#14
 2,4,6-Tribromophenol
 Concen: 0.200 ng
 RT: 15.920 min Scan# 1586
 Delta R.T. 0.012 min
 Lab File: BN036321.D
 Acq: 06 Feb 2025 06:15

Tgt Ion:330 Resp: 293
 Ion Ratio Lower Upper
 330 100
 332 92.2 81.0 121.4
 141 50.5 36.7 55.1

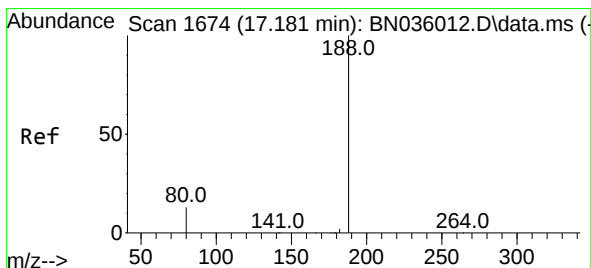
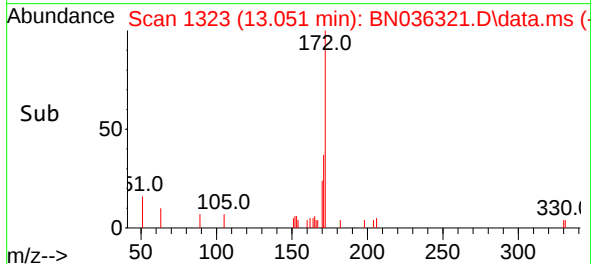
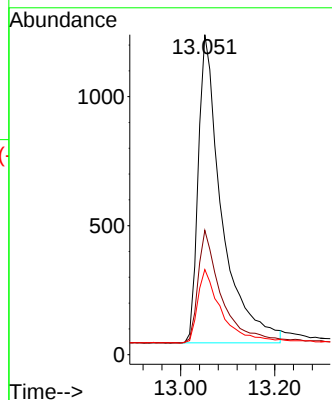
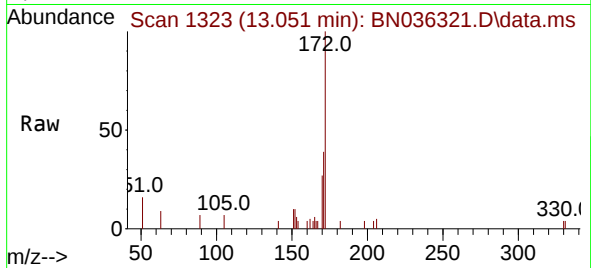




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.051 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN036321.D
Acq: 06 Feb 2025 06:15

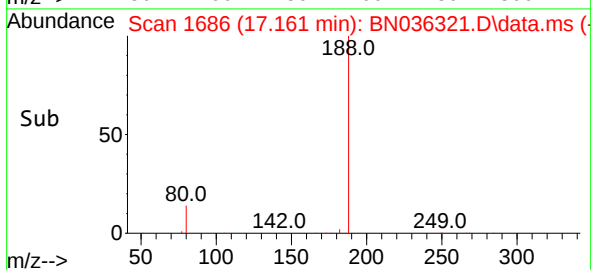
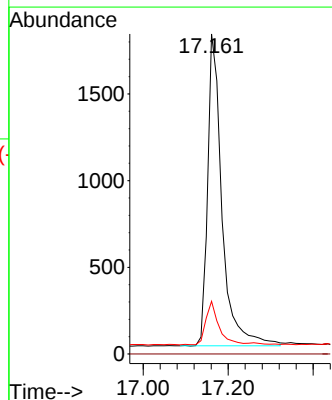
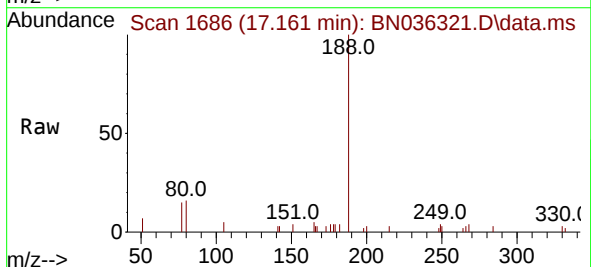
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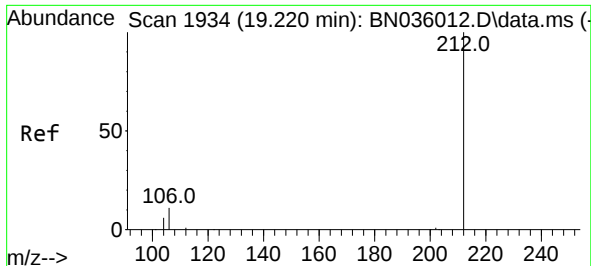
Tgt Ion:172 Resp: 3938
Ion Ratio Lower Upper
172 100
171 38.9 30.9 46.3
170 26.6 21.2 31.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.161 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BN036321.D
Acq: 06 Feb 2025 06:15

Tgt Ion:188 Resp: 4231
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.5 12.3 18.5

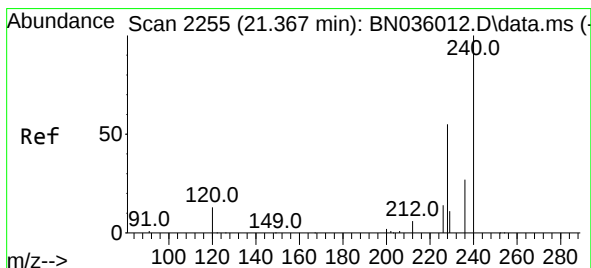
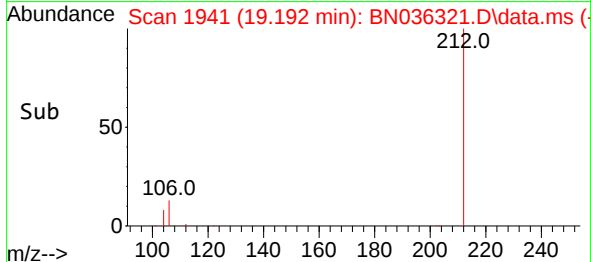
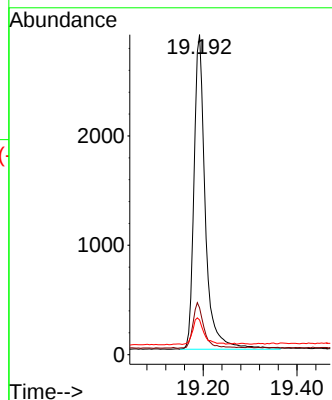
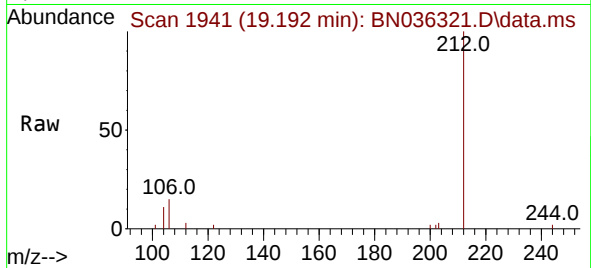




#27
Fluoranthene-d10
Concen: 0.439 ng
RT: 19.192 min Scan# 1941
Delta R.T. 0.005 min
Lab File: BN036321.D
Acq: 06 Feb 2025 06:15

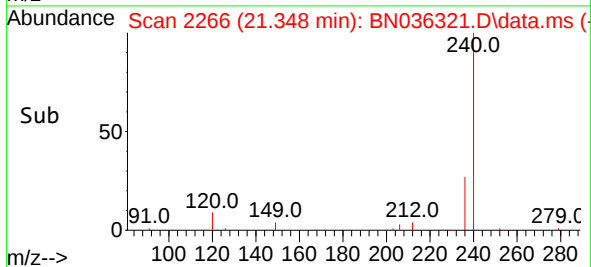
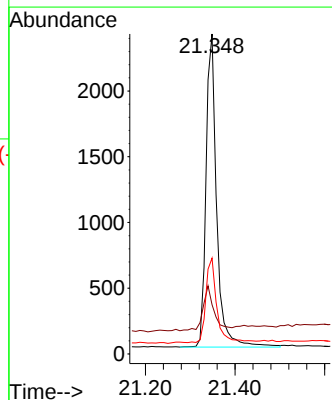
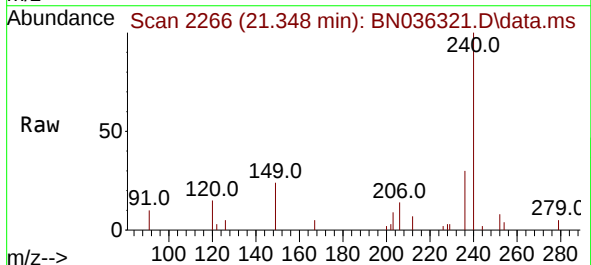
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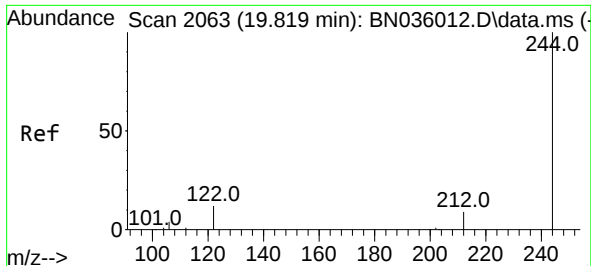
Tgt Ion:212 Resp: 4816
Ion Ratio Lower Upper
212 100
106 14.3 9.7 14.5
104 8.5 6.0 9.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.348 min Scan# 2266
Delta R.T. 0.009 min
Lab File: BN036321.D
Acq: 06 Feb 2025 06:15

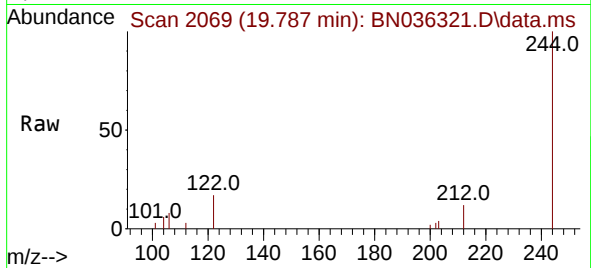
Tgt Ion:240 Resp: 3945
Ion Ratio Lower Upper
240 100
120 15.4 13.9 20.9
236 30.0 23.7 35.5



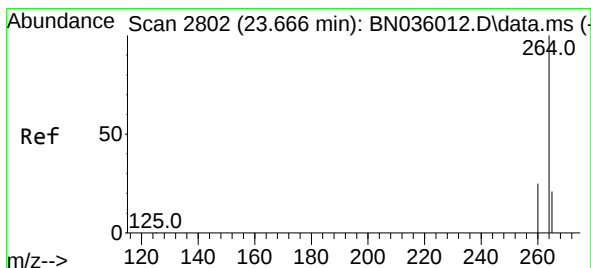
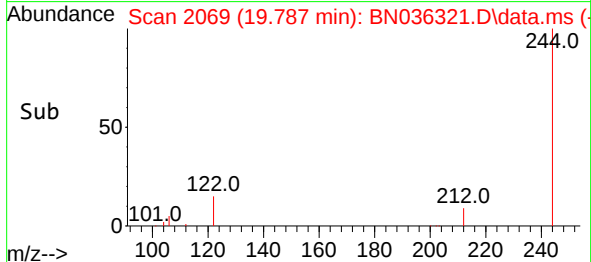
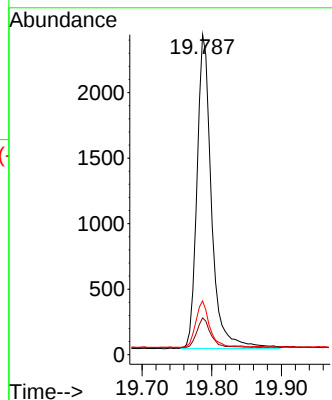


#31
 Terphenyl-d14
 Concen: 0.423 ng
 RT: 19.787 min Scan# 2069
 Delta R.T. -0.005 min
 Lab File: BN036321.D
 Acq: 06 Feb 2025 06:15

Instrument :
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Tgt Ion:244 Resp: 3466
 Ion Ratio Lower Upper
 244 100
 212 11.5 9.1 13.7
 122 16.8 11.3 16.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.627 min Scan# 2802
 Delta R.T. -0.000 min
 Lab File: BN036321.D
 Acq: 06 Feb 2025 06:15

Tgt Ion:264 Resp: 4266
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.8 32.6
 265 122.1 56.6 84.8#

