

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
 Data File : BN036493.D
 Acq On : 24 Feb 2025 11:25
 Operator : RC/JU
 Sample : PB166832BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166832BL

Quant Time: Feb 24 12:18:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	2545	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	5531	0.400	ng	0.00
13) Acenaphthene-d10	14.388	164	3002	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	6667	0.400	ng	# 0.00
29) Chrysene-d12	21.322	240	5489	0.400	ng	0.00
35) Perylene-d12	23.584	264	5028	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	2062	0.343	ng	0.00
5) Phenol-d6	6.923	99	2095	0.297	ng	-0.01
8) Nitrobenzene-d5	8.907	82	1632	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.152	152	2405	0.283	ng	0.01
14) 2,4,6-Tribromophenol	15.895	330	336	0.226	ng	0.01
15) 2-Fluorobiphenyl	13.030	172	3257	0.289	ng	0.01
27) Fluoranthene-d10	19.164	212	5938	0.320	ng	0.00
31) Terphenyl-d14	19.764	244	4118	0.351	ng	0.00

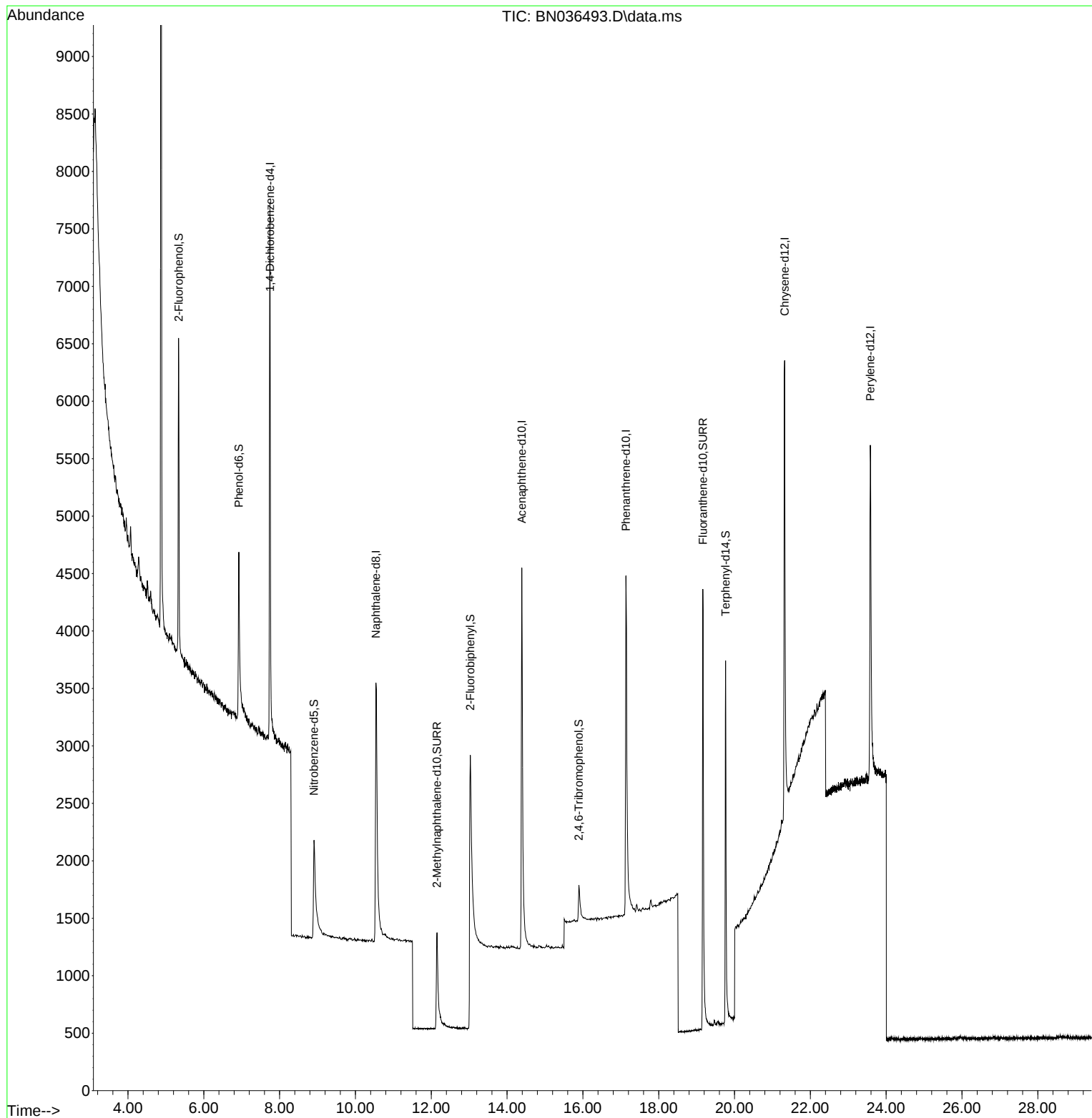
Target Compounds Qvalue

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

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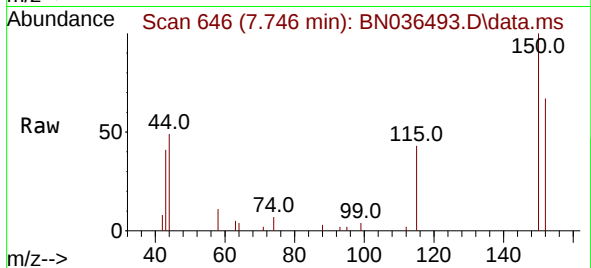
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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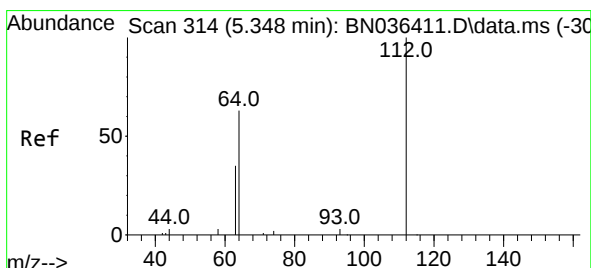
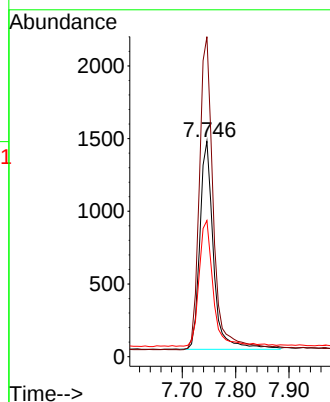
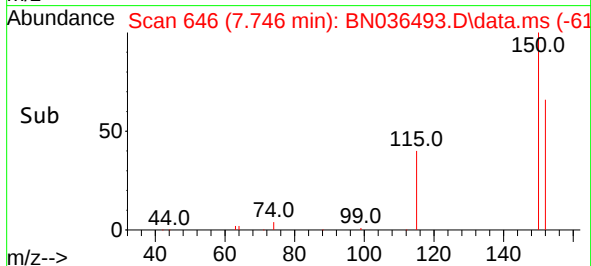


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.746 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036493.D
 Acq: 24 Feb 2025 11:25

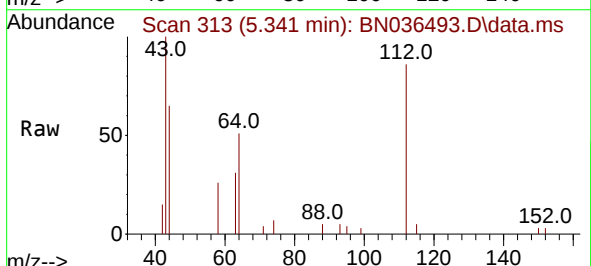
Instrument :
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 ClientSampleId :
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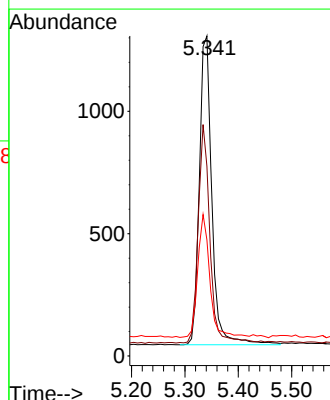
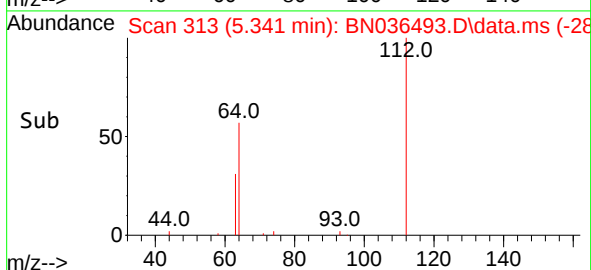
Tgt Ion:152 Resp: 2545
 Ion Ratio Lower Upper
 152 100
 150 148.6 123.7 185.5
 115 63.3 52.5 78.7

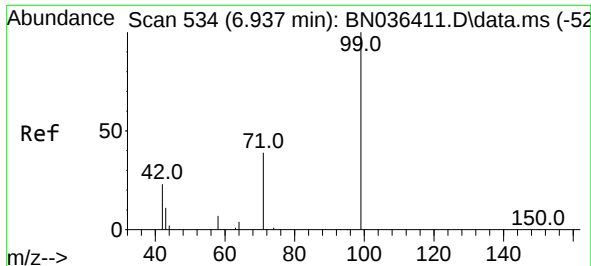


#4
 2-Fluorophenol
 Concen: 0.343 ng
 RT: 5.341 min Scan# 313
 Delta R.T. -0.007 min
 Lab File: BN036493.D
 Acq: 24 Feb 2025 11:25



Tgt Ion:112 Resp: 2062
 Ion Ratio Lower Upper
 112 100
 64 66.2 53.4 80.0
 63 38.5 30.3 45.5

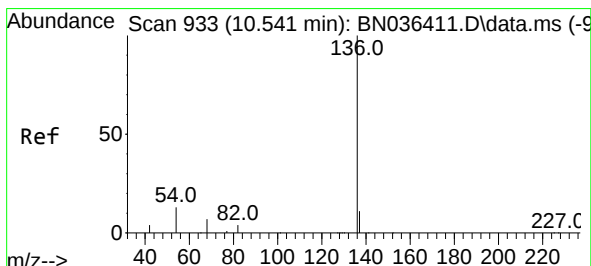
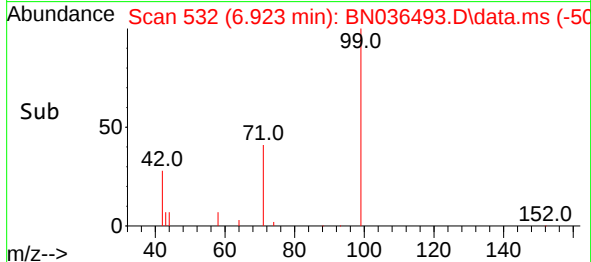
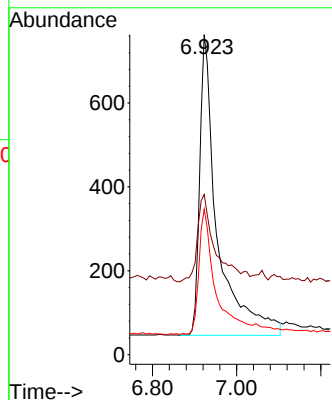
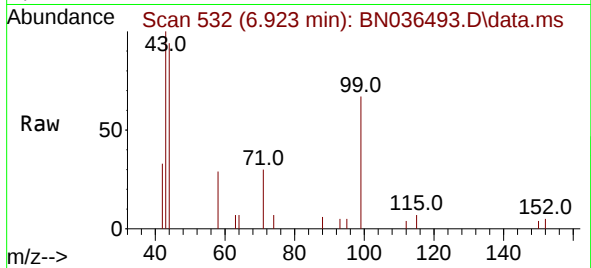




#5
Phenol-d6
Concen: 0.297 ng
RT: 6.923 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN036493.D
Acq: 24 Feb 2025 11:25

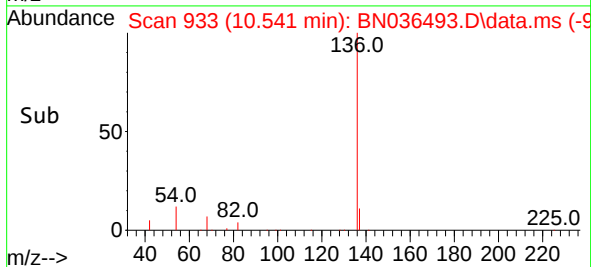
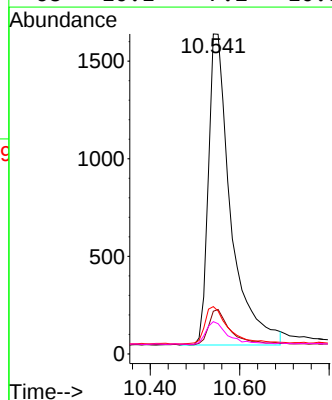
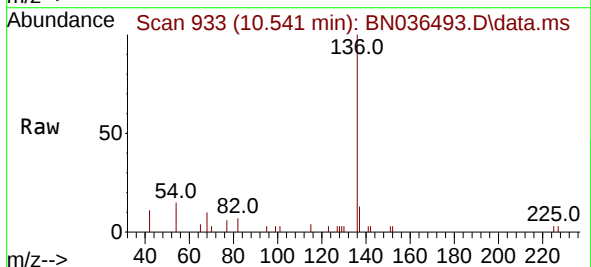
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ClientSampleId :
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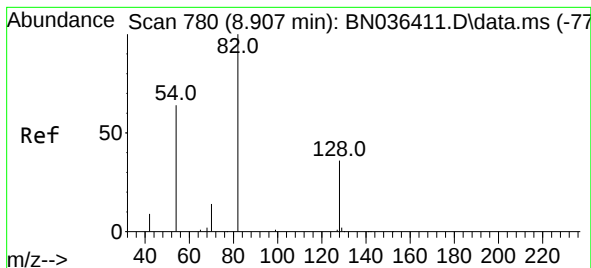
Tgt Ion:	99	Resp:	2095
Ion	Ratio	Lower	Upper
99	100		
42	29.5	21.7	32.5
71	42.1	32.6	49.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN036493.D
Acq: 24 Feb 2025 11:25

Tgt Ion:	136	Resp:	5531
Ion	Ratio	Lower	Upper
136	100		
137	13.4	10.1	15.1
54	14.8	11.8	17.6
68	10.1	7.2	10.8

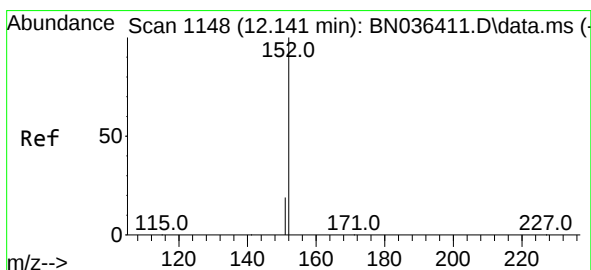
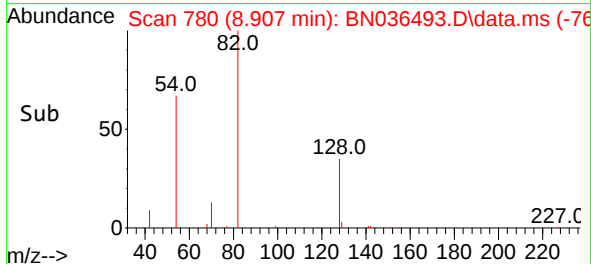
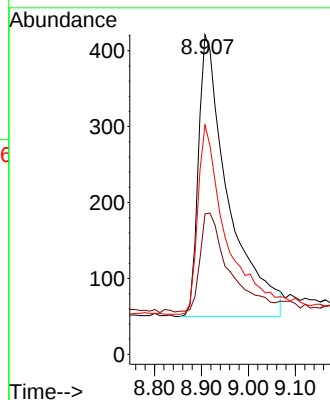
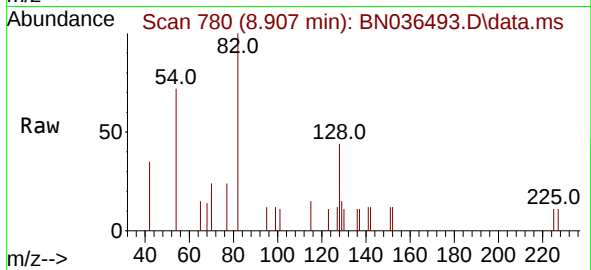




#8
 Nitrobenzene-d5
 Concen: 0.299 ng
 RT: 8.907 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN036493.D
 Acq: 24 Feb 2025 11:25

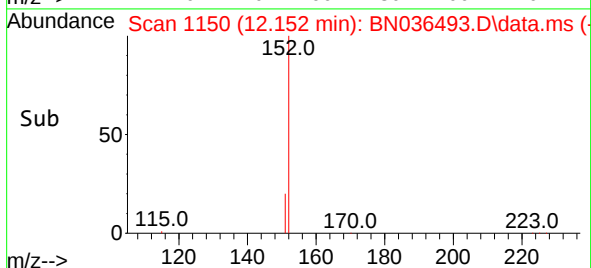
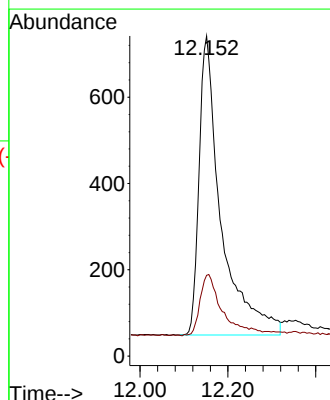
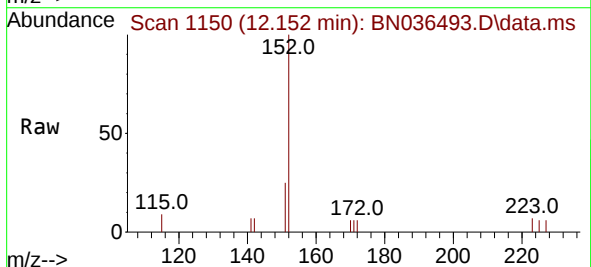
Instrument :
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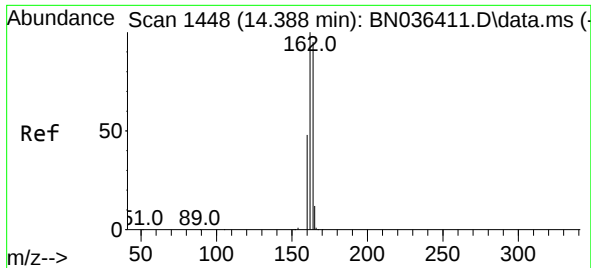
Tgt Ion: 82 Resp: 1632
 Ion Ratio Lower Upper
 82 100
 128 43.9 31.9 47.9
 54 71.7 53.1 79.7



#11
 2-Methylnaphthalene-d10
 Concen: 0.283 ng
 RT: 12.152 min Scan# 1150
 Delta R.T. 0.010 min
 Lab File: BN036493.D
 Acq: 24 Feb 2025 11:25

Tgt Ion: 152 Resp: 2405
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.6 25.0

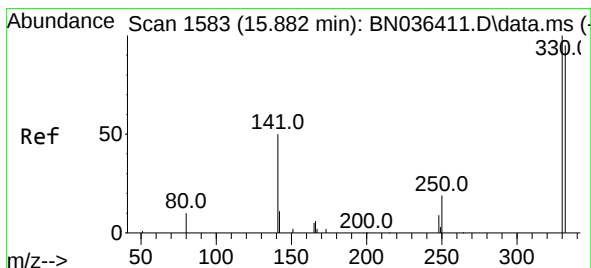
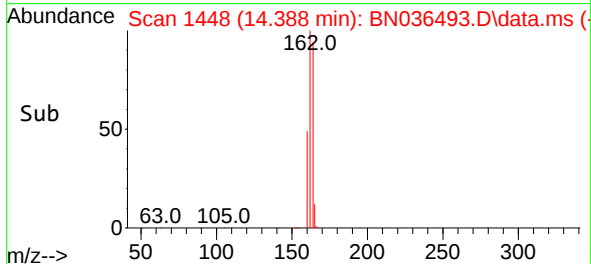
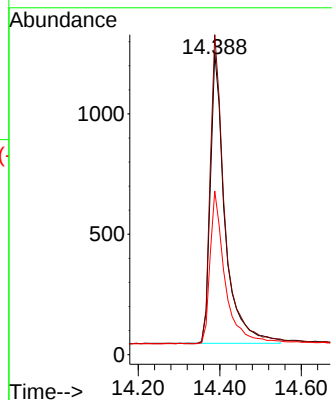
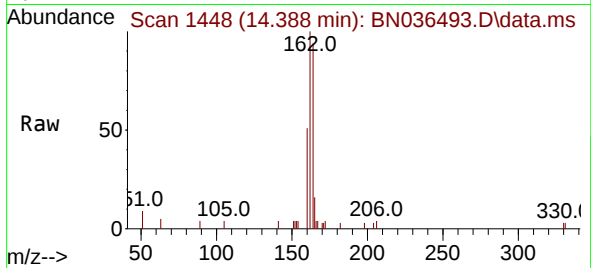




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN036493.D
Acq: 24 Feb 2025 11:25

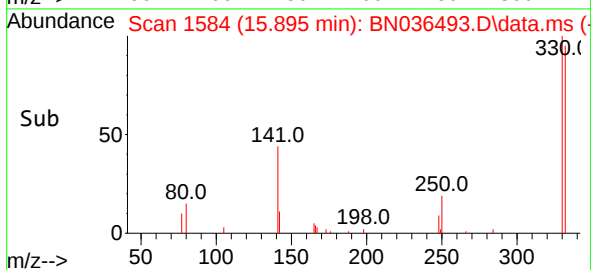
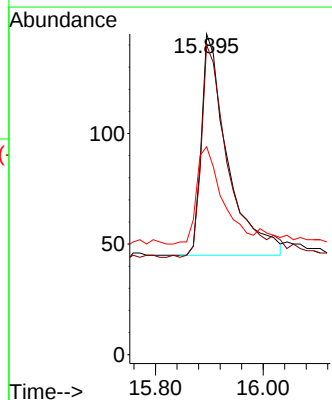
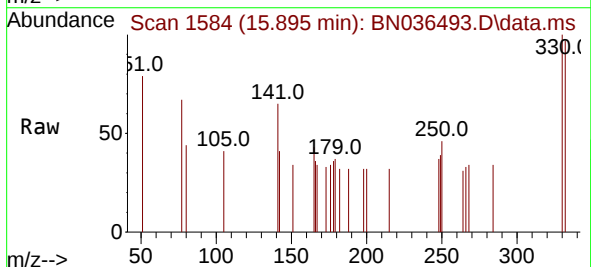
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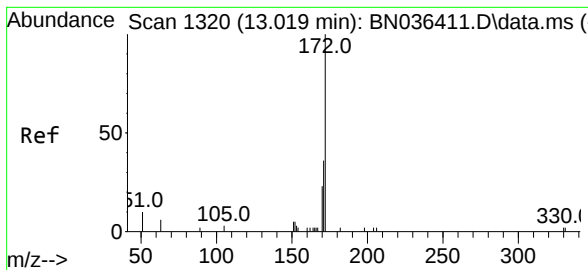
Tgt Ion:164 Resp: 3002
Ion Ratio Lower Upper
164 100
162 106.1 84.1 126.1
160 54.3 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.013 min
Lab File: BN036493.D
Acq: 24 Feb 2025 11:25

Tgt Ion:330 Resp: 336
Ion Ratio Lower Upper
330 100
332 100.6 76.6 114.8
141 44.0 37.8 56.8

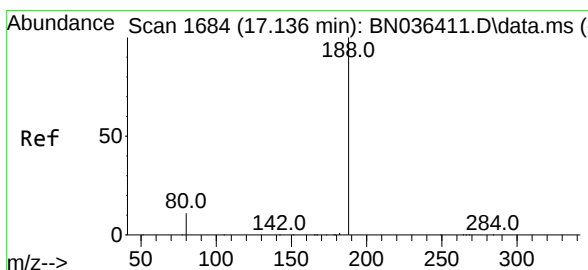
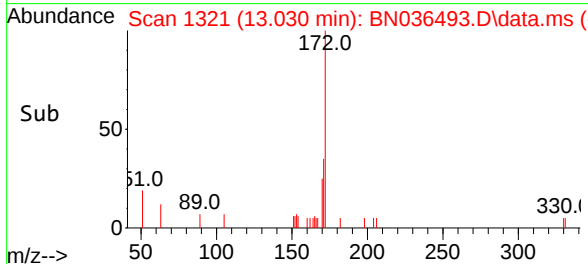
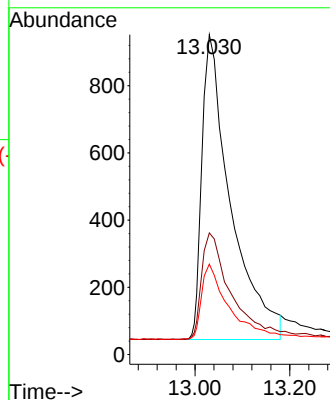
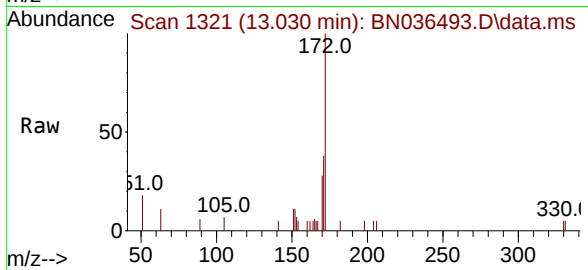




#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.030 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN036493.D
Acq: 24 Feb 2025 11:25

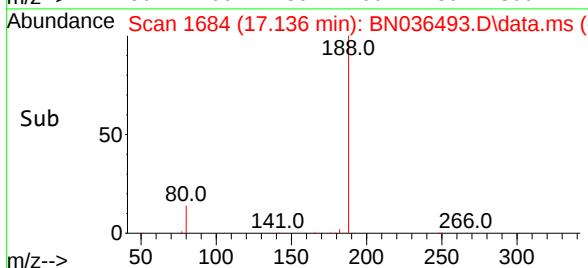
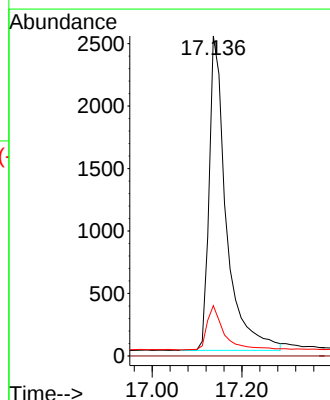
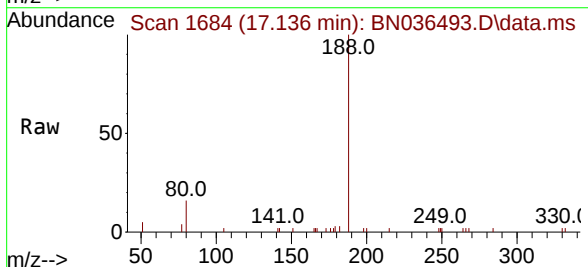
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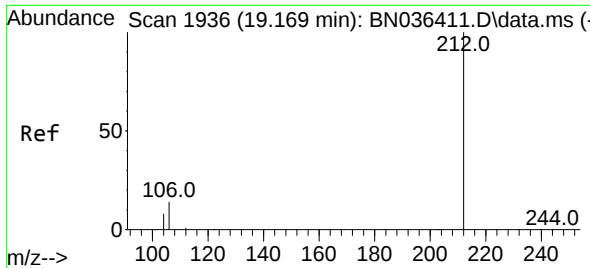
Tgt Ion:172	Resp:	3257
Ion Ratio	Lower	Upper
172	100	
171	38.0	29.6 44.4
170	28.3	19.8 29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BN036493.D
Acq: 24 Feb 2025 11:25

Tgt Ion:188	Resp:	6667
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	15.7	9.8 14.6

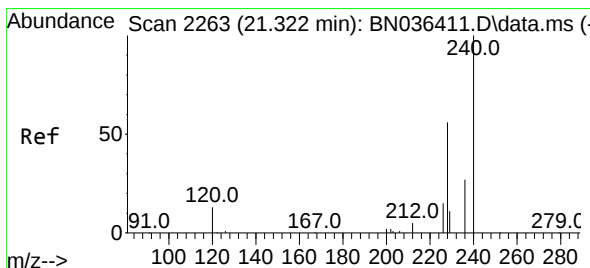
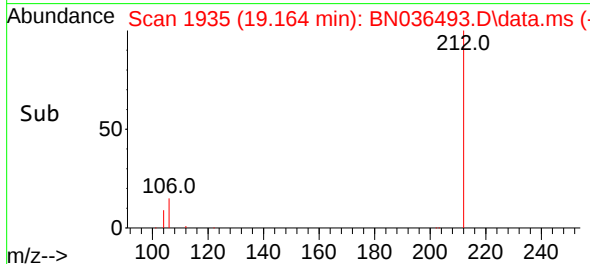
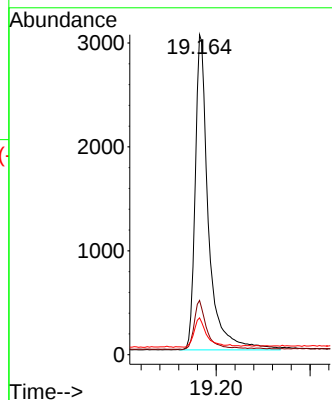
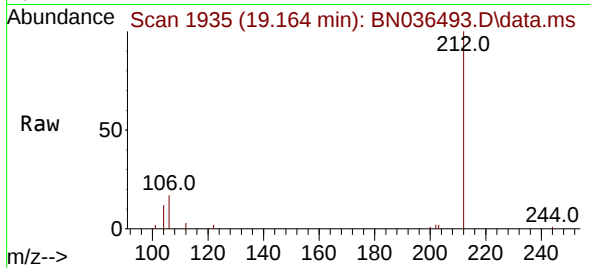




#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.164 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BN036493.D
Acq: 24 Feb 2025 11:25

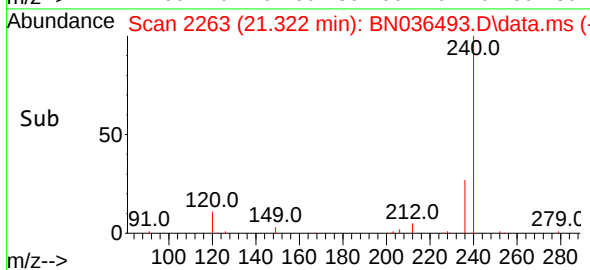
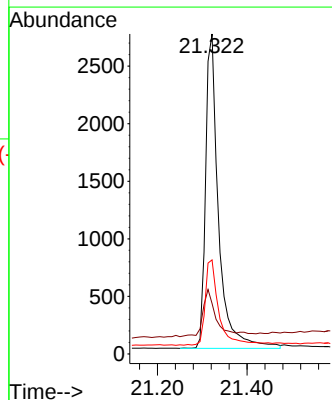
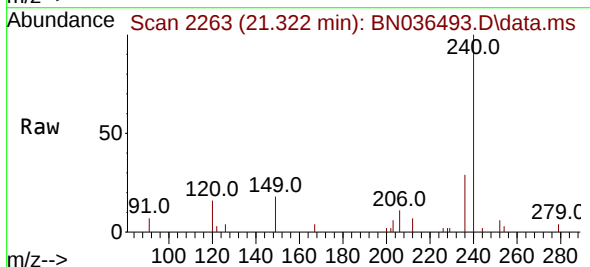
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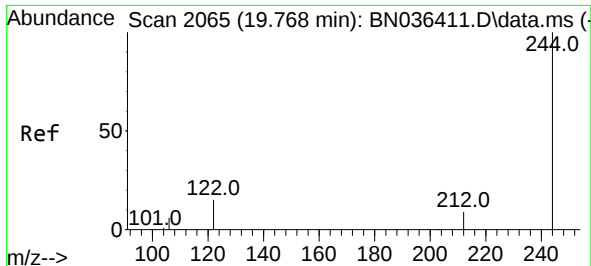
Tgt Ion:212 Resp: 5938
Ion Ratio Lower Upper
212 100
106 14.4 11.5 17.3
104 8.7 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BN036493.D
Acq: 24 Feb 2025 11:25

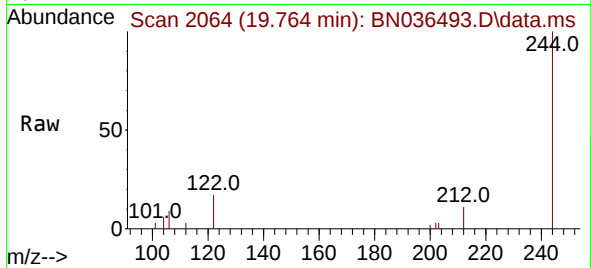
Tgt Ion:240 Resp: 5489
Ion Ratio Lower Upper
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120 15.8 13.3 19.9
236 29.4 23.0 34.6



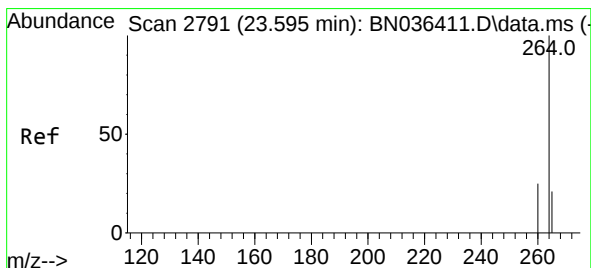
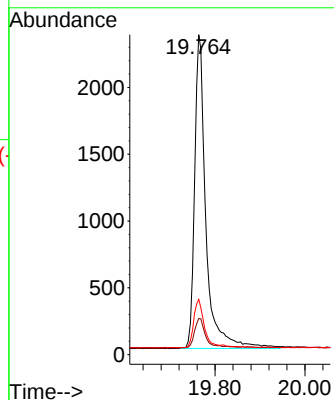


#31
 Terphenyl-d14
 Concen: 0.351 ng
 RT: 19.764 min Scan# 2064
 Delta R.T. -0.005 min
 Lab File: BN036493.D
 Acq: 24 Feb 2025 11:25

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Tgt Ion:	244	Resp:	4118
Ion Ratio	Lower	Upper	
244	100		
212	11.3	8.1	12.1
122	17.3	12.8	19.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.584 min Scan# 2787
 Delta R.T. -0.012 min
 Lab File: BN036493.D
 Acq: 24 Feb 2025 11:25

Tgt Ion:	264	Resp:	5028
Ion Ratio	Lower	Upper	
264	100		
260	27.4	20.9	31.3
265	101.1	60.7	91.1

