

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
 Data File : BN036433.D
 Acq On : 12 Feb 2025 10:12
 Operator : RC/JU
 Sample : PB166300BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166300BL

Quant Time: Feb 12 11:26:37 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	7.753	152	2269	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	4807	0.400	ng	0.02
13) Acenaphthene-d10	14.398	164	2911	0.400	ng	0.01
19) Phenanthrene-d10	17.148	188	6614	0.400	ng	0.01
29) Chrysene-d12	21.322	240	5622	0.400	ng	0.00
35) Perylene-d12	23.595	264	5442	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	2010	0.375	ng	0.00
5) Phenol-d6	6.937	99	1977	0.314	ng	0.00
8) Nitrobenzene-d5	8.918	82	1565	0.330	ng	0.01
11) 2-Methylnaphthalene-d10	12.156	152	2439	0.330	ng	0.02
14) 2,4,6-Tribromophenol	15.907	330	309	0.214	ng	0.02
15) 2-Fluorobiphenyl	13.040	172	3613	0.330	ng	0.02
27) Fluoranthene-d10	19.173	212	6869	0.373	ng	0.00
31) Terphenyl-d14	19.768	244	5209	0.434	ng	0.00

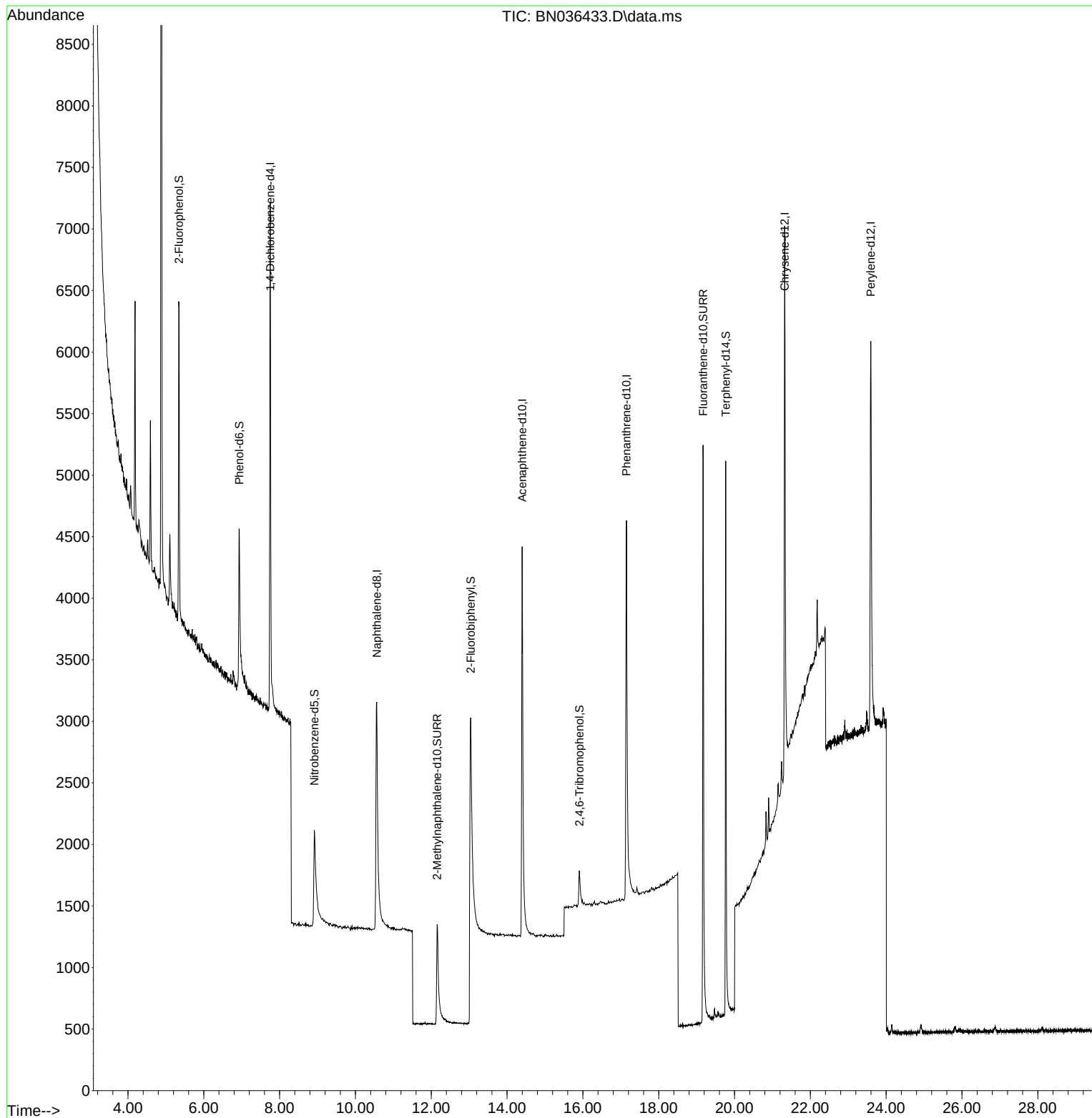
Target Compounds	Qvalue

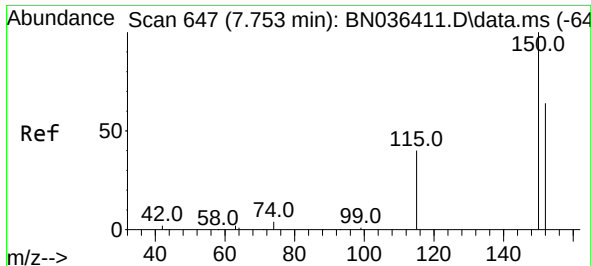
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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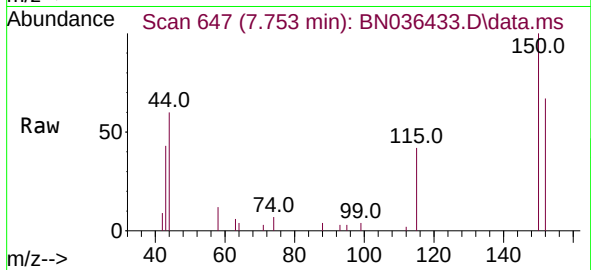
Quant Time: Feb 12 11:26:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration



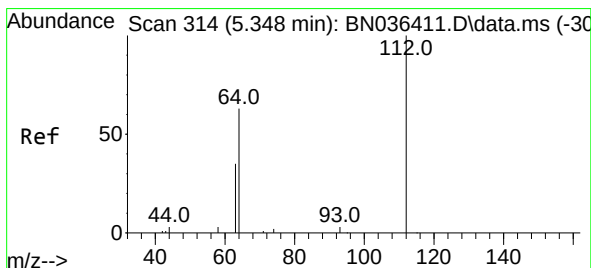
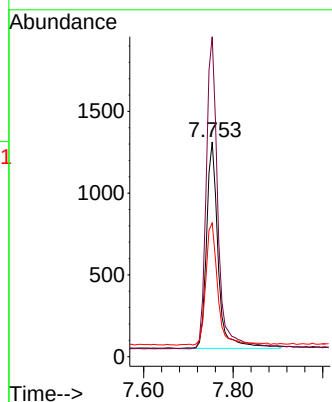
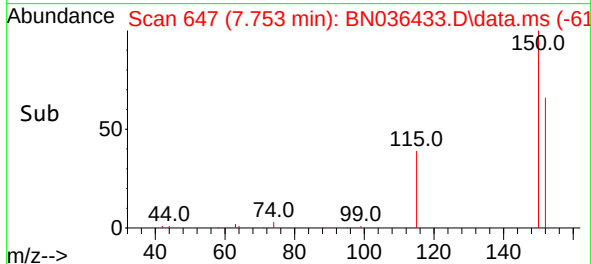


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.753 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN036433.D
Acq: 12 Feb 2025 10:12

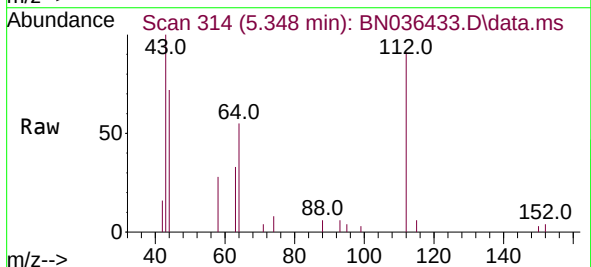
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BNA_N
ClientSampleId :
PB166300BL



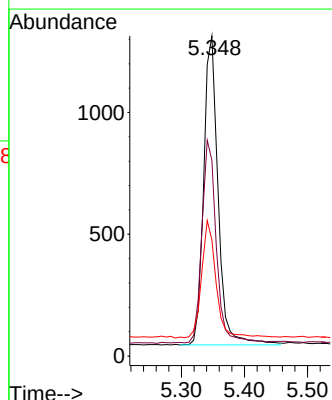
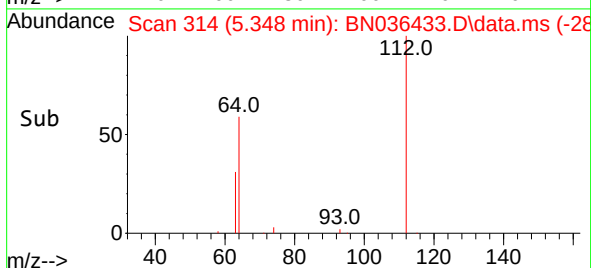
Tgt Ion:152 Resp: 2269
Ion Ratio Lower Upper
152 100
150 149.0 123.7 185.5
115 62.2 52.5 78.7

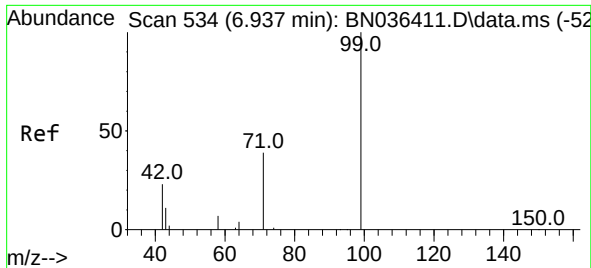


#4
2-Fluorophenol
Concen: 0.375 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN036433.D
Acq: 12 Feb 2025 10:12



Tgt Ion:112 Resp: 2010
Ion Ratio Lower Upper
112 100
64 65.9 53.4 80.0
63 37.7 30.3 45.5

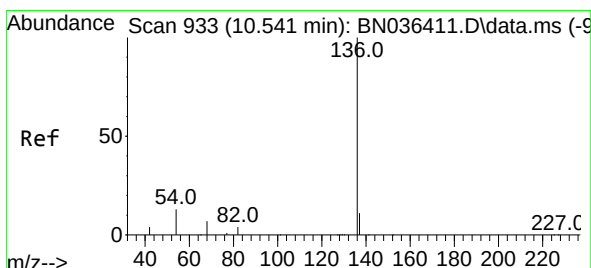
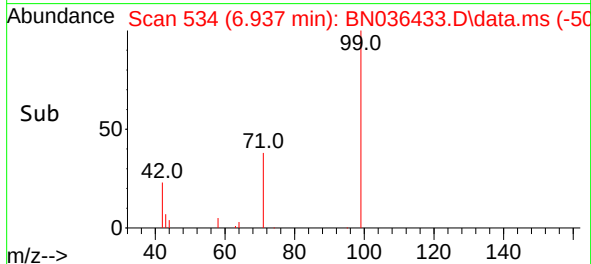
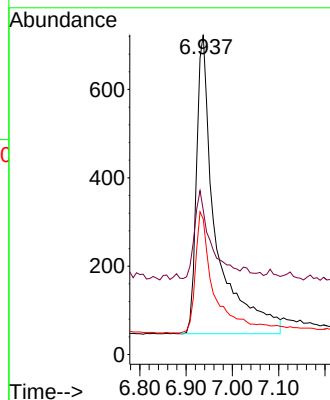
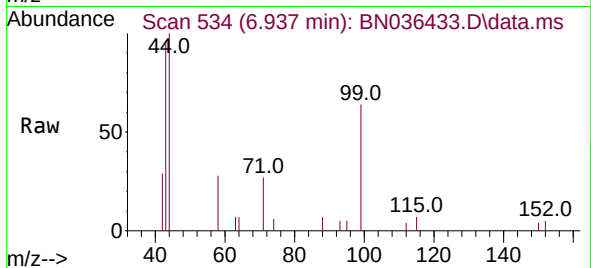




#5
Phenol-d6
Concen: 0.314 ng
RT: 6.937 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN036433.D
Acq: 12 Feb 2025 10:12

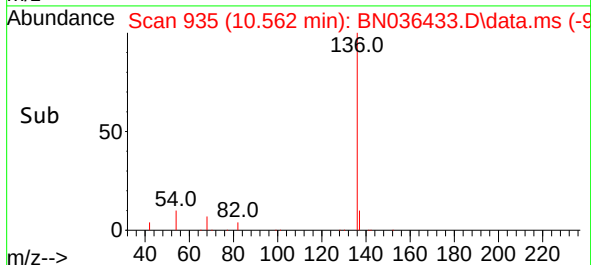
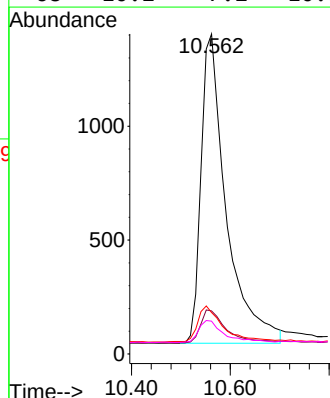
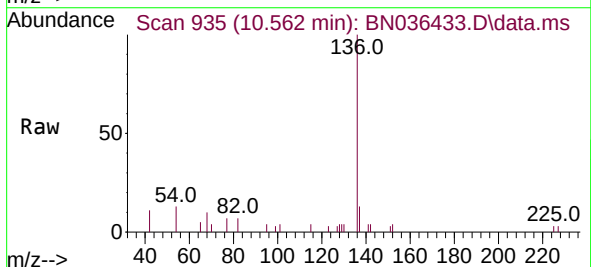
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ClientSampleId :
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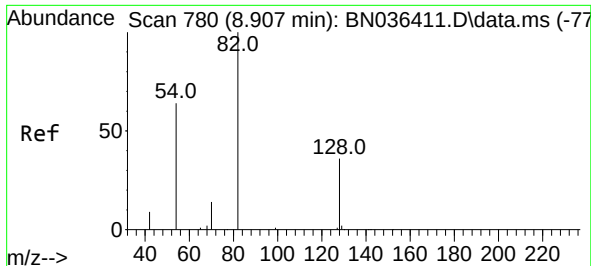
Tgt Ion:	99	Resp:	1977
Ion	Ratio	Lower	Upper
99	100		
42	24.8	21.7	32.5
71	40.8	32.6	49.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. 0.021 min
Lab File: BN036433.D
Acq: 12 Feb 2025 10:12

Tgt Ion:	136	Resp:	4807
Ion	Ratio	Lower	Upper
136	100		
137	13.5	10.1	15.1
54	13.0	11.8	17.6
68	10.2	7.2	10.8

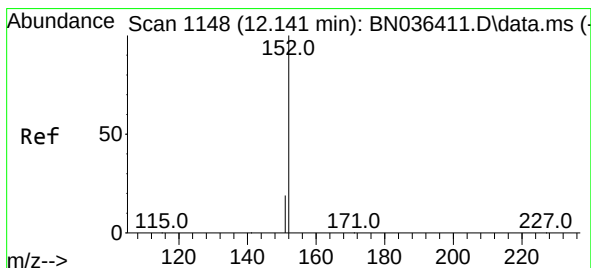
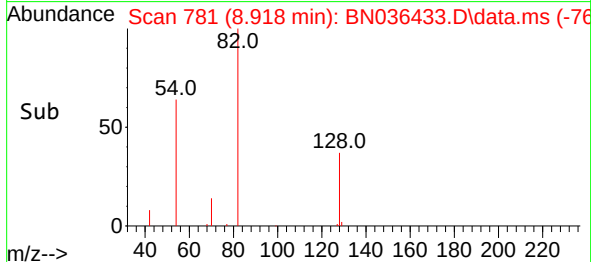
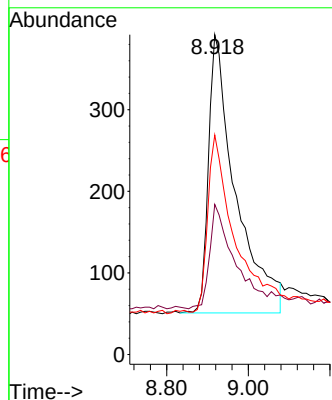
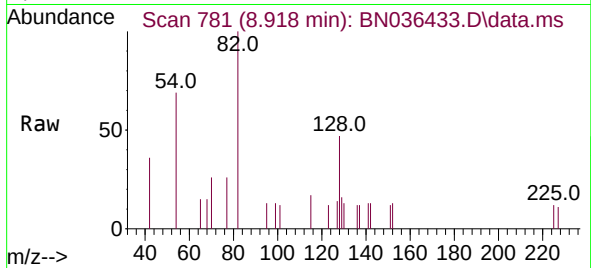




#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.918 min Scan# 780
Delta R.T. 0.011 min
Lab File: BN036433.D
Acq: 12 Feb 2025 10:12

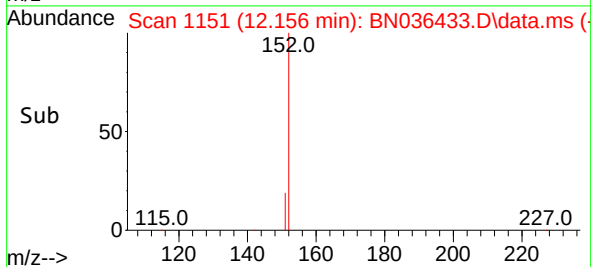
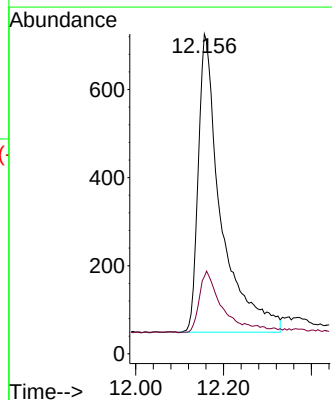
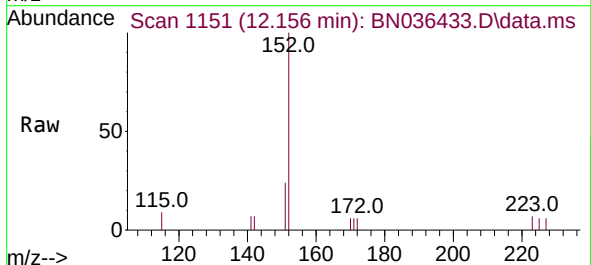
Instrument :
BNA_N
ClientSampleId :
PB166300BL

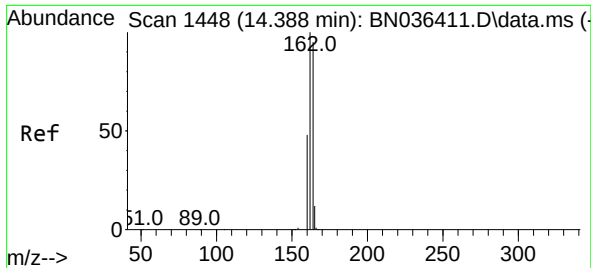
Tgt Ion: 82 Resp: 1565
Ion Ratio Lower Upper
82 100
128 46.9 31.9 47.9
54 68.6 53.1 79.7



#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.156 min Scan# 1151
Delta R.T. 0.015 min
Lab File: BN036433.D
Acq: 12 Feb 2025 10:12

Tgt Ion:152 Resp: 2439
Ion Ratio Lower Upper
152 100
151 18.9 16.6 25.0

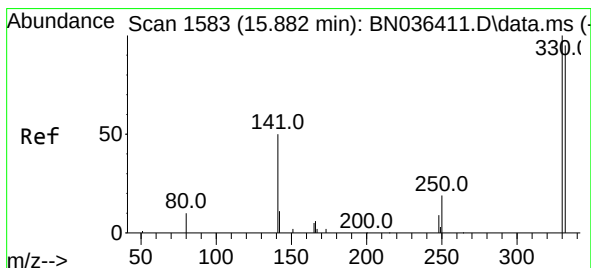
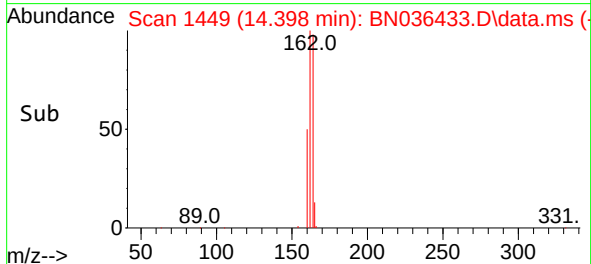
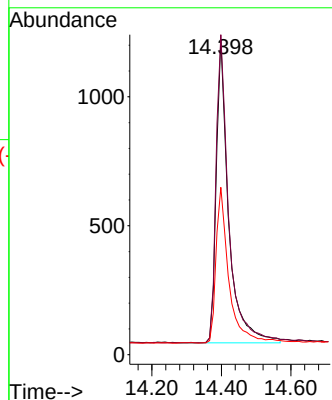
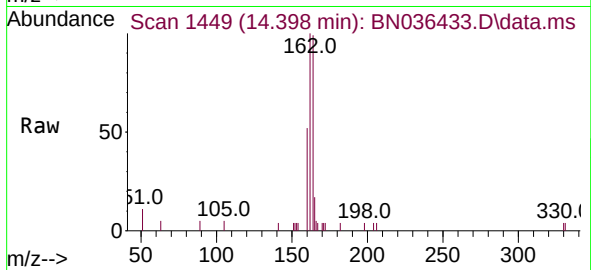




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1448
Delta R.T. 0.011 min
Lab File: BN036433.D
Acq: 12 Feb 2025 10:12

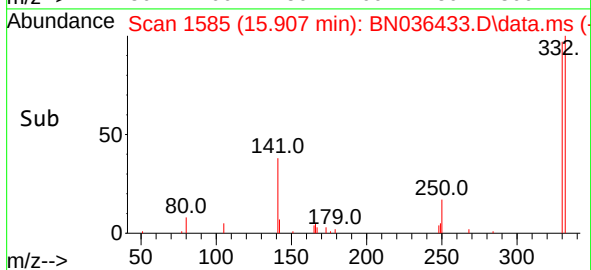
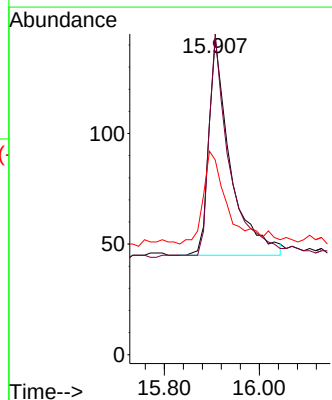
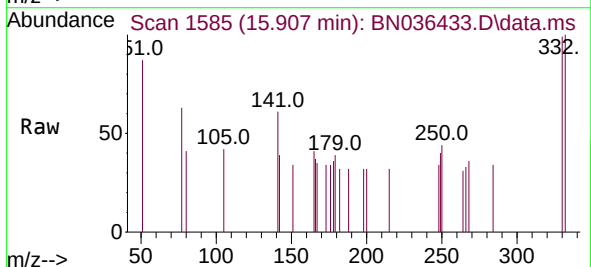
Instrument :
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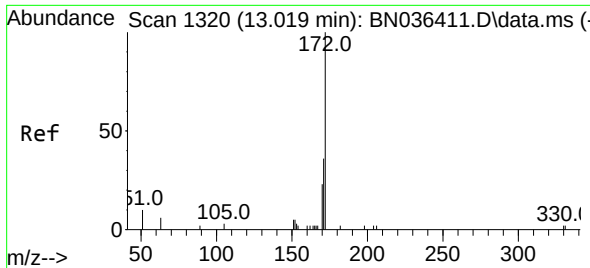
Tgt Ion:164 Resp: 2911
Ion Ratio Lower Upper
164 100
162 101.4 84.1 126.1
160 53.0 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.214 ng
RT: 15.907 min Scan# 1585
Delta R.T. 0.025 min
Lab File: BN036433.D
Acq: 12 Feb 2025 10:12

Tgt Ion:330 Resp: 309
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 49.5 37.8 56.8

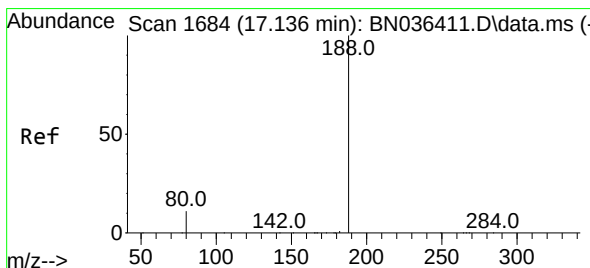
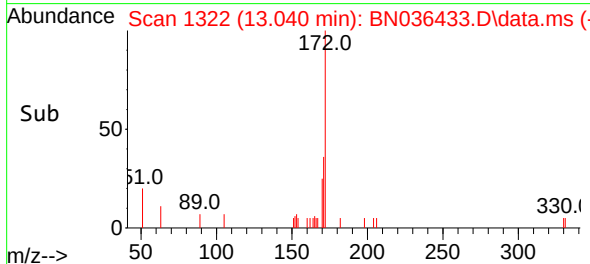
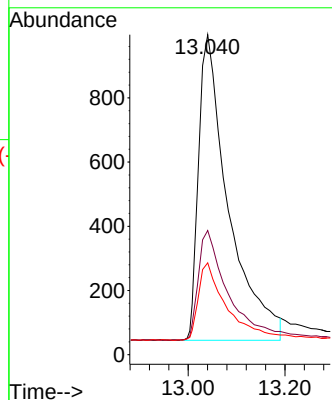
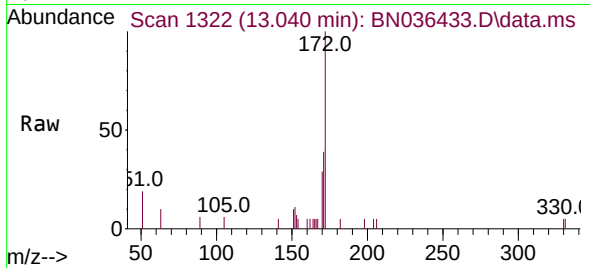




#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.040 min Scan# 1322
Delta R.T. 0.021 min
Lab File: BN036433.D
Acq: 12 Feb 2025 10:12

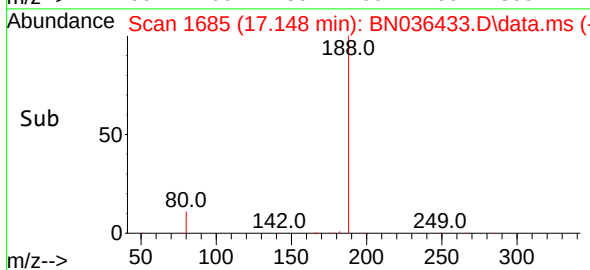
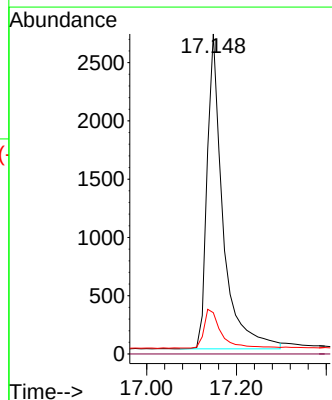
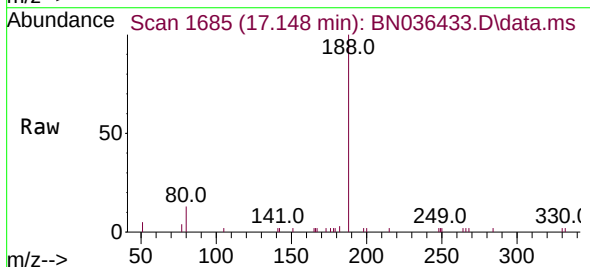
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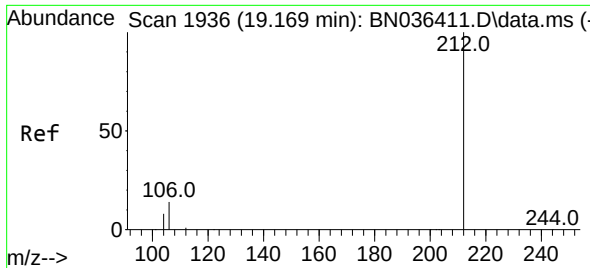
Tgt Ion:	172	Resp:	3613
Ion Ratio	Lower	Upper	
172	100		
171	38.8	29.6	44.4
170	28.7	19.8	29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.012 min
Lab File: BN036433.D
Acq: 12 Feb 2025 10:12

Tgt Ion:	188	Resp:	6614
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.9	9.8	14.6

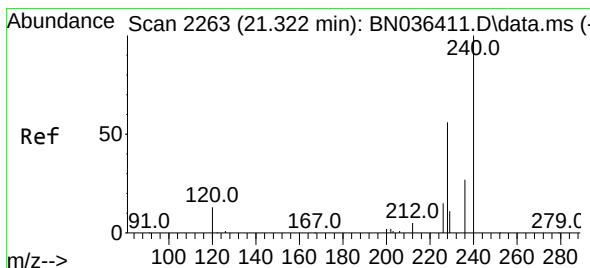
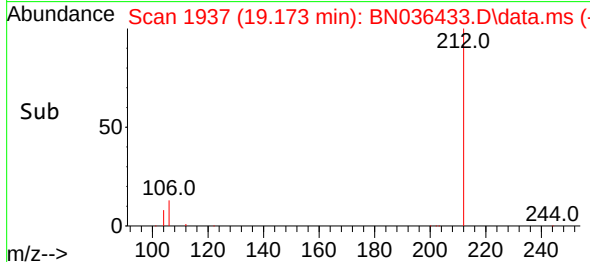
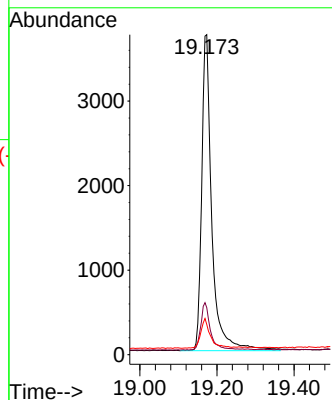
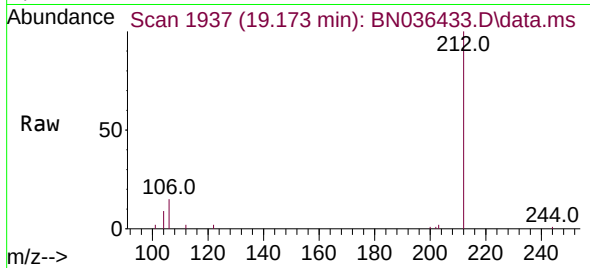




#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.173 min Scan# 1937
Delta R.T. 0.005 min
Lab File: BN036433.D
Acq: 12 Feb 2025 10:12

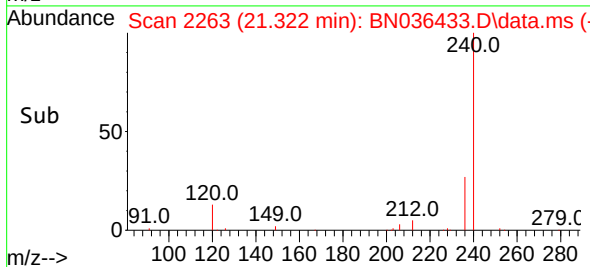
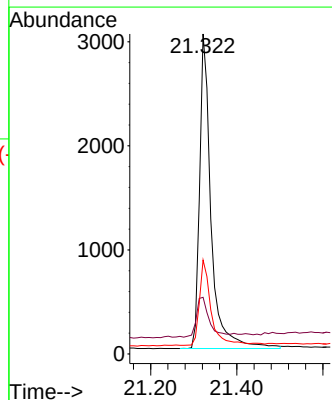
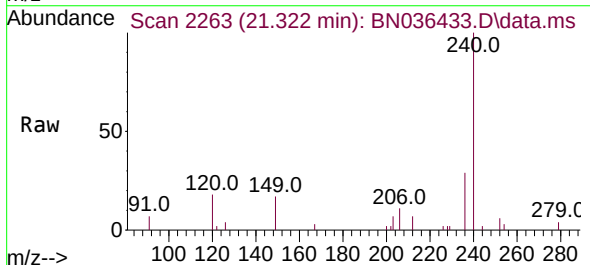
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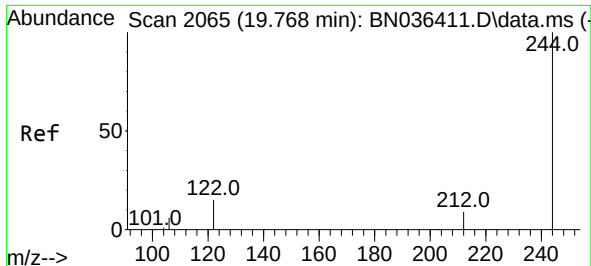
Tgt Ion:212 Resp: 6869
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 8.8 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BN036433.D
Acq: 12 Feb 2025 10:12

Tgt Ion:240 Resp: 5622
Ion Ratio Lower Upper
240 100
120 17.7 13.3 19.9
236 29.4 23.0 34.6

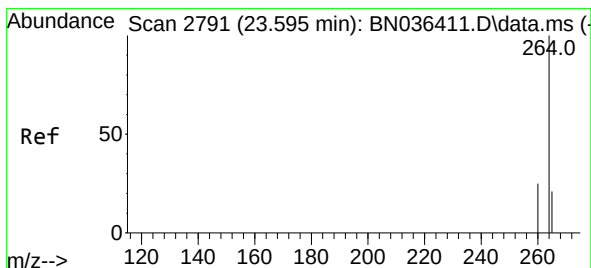
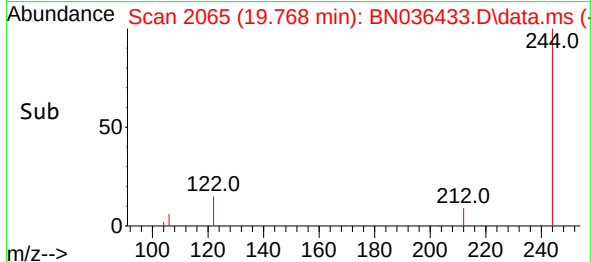
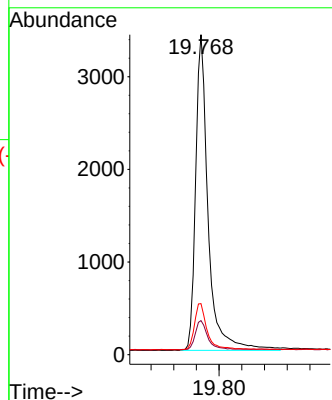
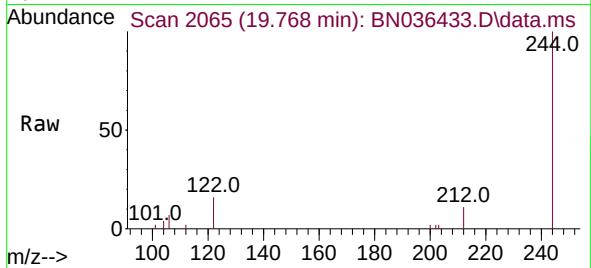




#31
 Terphenyl-d14
 Concen: 0.434 ng
 RT: 19.768 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: BN036433.D
 Acq: 12 Feb 2025 10:12

Instrument :
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 ClientSampleId :
 PB166300BL

Tgt Ion:244 Resp: 5209
 Ion Ratio Lower Upper
 244 100
 212 10.7 8.1 12.1
 122 16.0 12.8 19.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.595 min Scan# 2791
 Delta R.T. -0.000 min
 Lab File: BN036433.D
 Acq: 12 Feb 2025 10:12

Tgt Ion:264 Resp: 5442
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.9 31.3
 265 100.0 60.7 91.1#

