

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
 Data File : BN036442.D
 Acq On : 12 Feb 2025 16:24
 Operator : RC/JU
 Sample : PB166675BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166675BL

Quant Time: Feb 12 17:37:10 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	2366	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5102	0.400	ng	0.02
13) Acenaphthene-d10	14.398	164	2942	0.400	ng	0.01
19) Phenanthrene-d10	17.149	188	6604	0.400	ng	0.01
29) Chrysene-d12	21.331	240	5195	0.400	ng	0.00
35) Perylene-d12	23.595	264	4640	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	2308	0.413	ng	0.00
5) Phenol-d6	6.937	99	2230	0.340	ng	0.00
8) Nitrobenzene-d5	8.918	82	1785	0.355	ng	0.01
11) 2-Methylnaphthalene-d10	12.162	152	2747	0.350	ng	0.02
14) 2,4,6-Tribromophenol	15.907	330	414	0.284	ng	0.02
15) 2-Fluorobiphenyl	13.041	172	3962	0.358	ng	0.02
27) Fluoranthene-d10	19.174	212	7210	0.393	ng	0.00
31) Terphenyl-d14	19.773	244	4909	0.443	ng	0.00

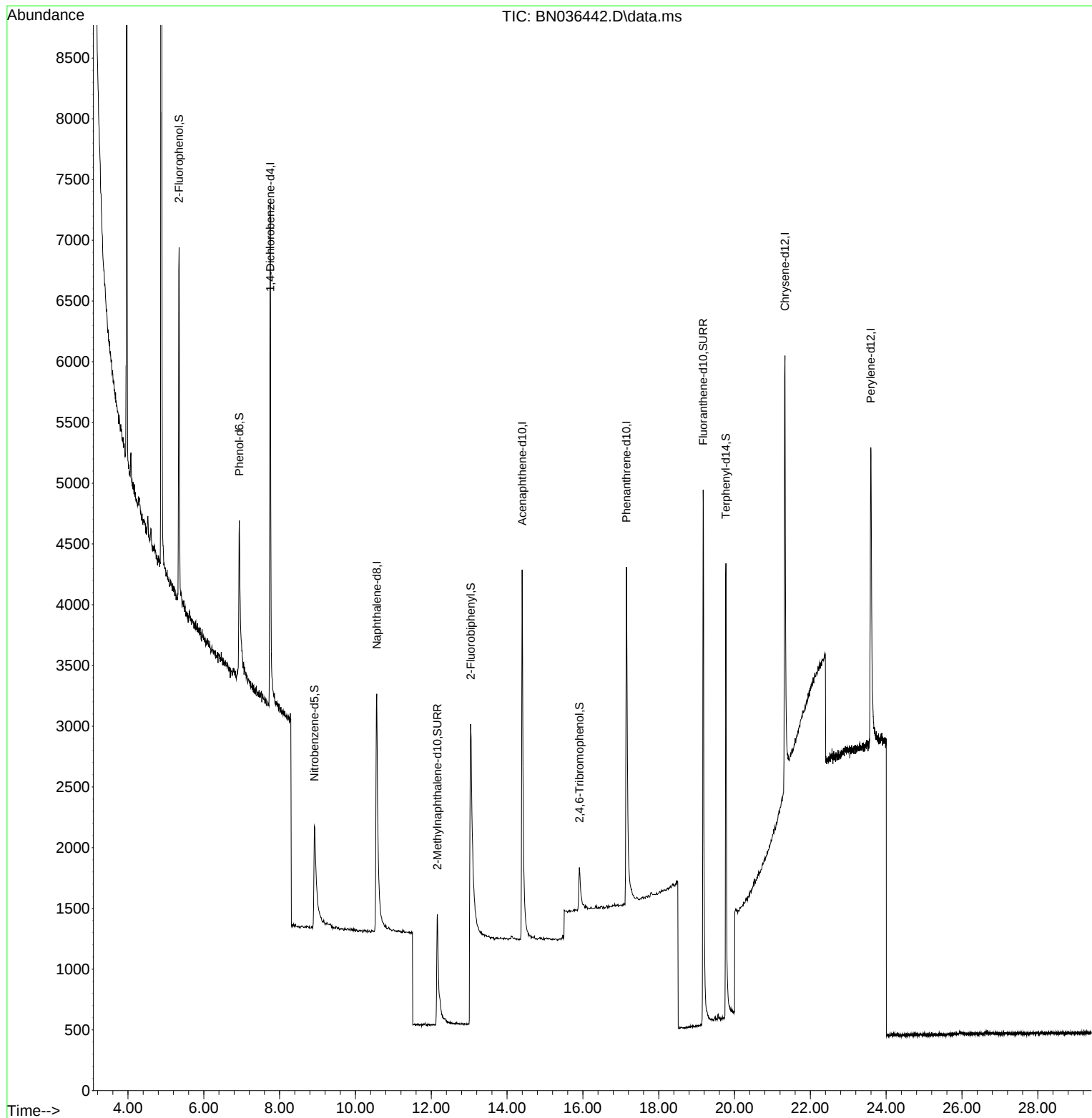
Target Compounds Qvalue

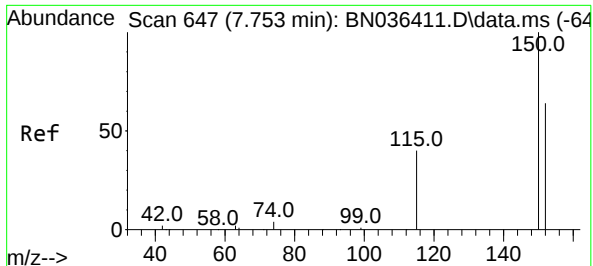
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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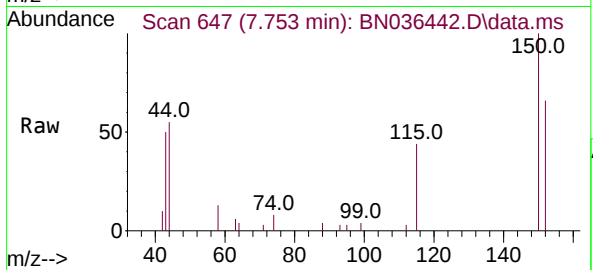
Quant Time: Feb 12 17:37:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
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QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration



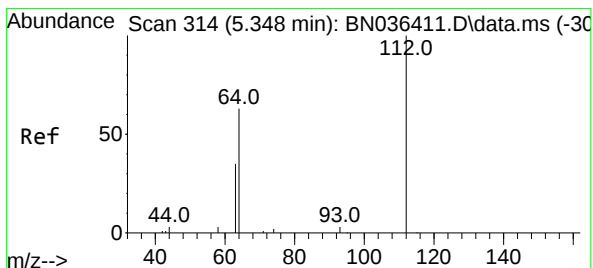
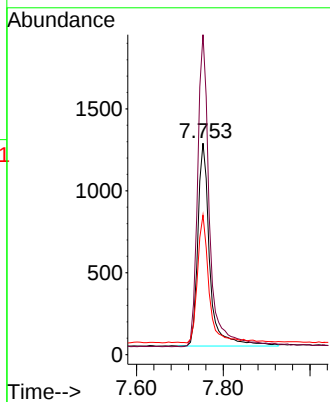
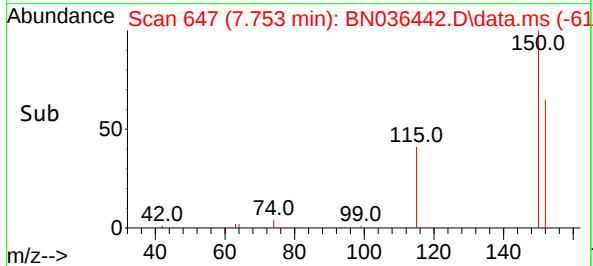


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.753 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN036442.D
Acq: 12 Feb 2025 16:24

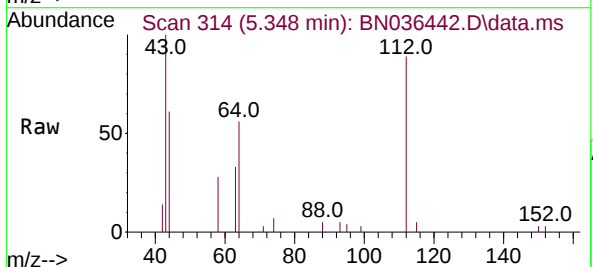
Instrument :
BNA_N
ClientSampleId :
PB166675BL



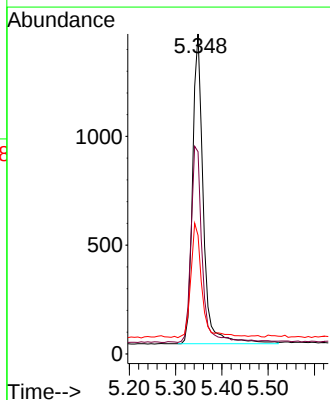
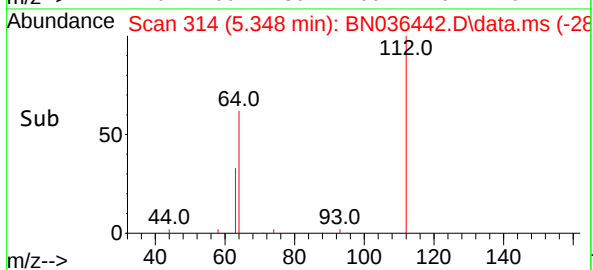
Tgt Ion:152 Resp: 2366
Ion Ratio Lower Upper
152 100
150 151.3 123.7 185.5
115 65.9 52.5 78.7

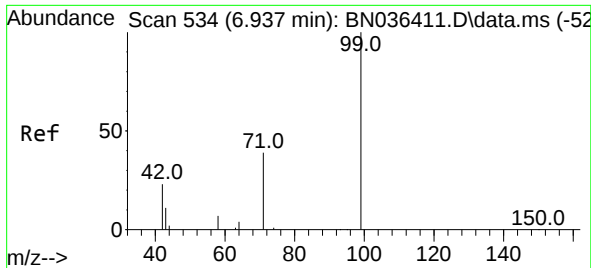


#4
2-Fluorophenol
Concen: 0.413 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN036442.D
Acq: 12 Feb 2025 16:24



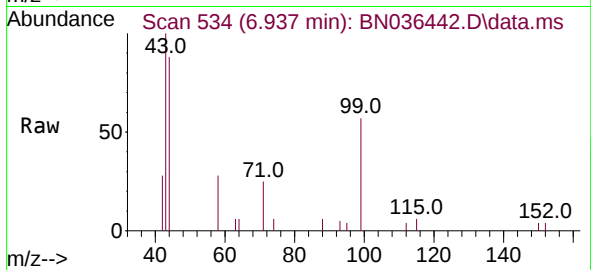
Tgt Ion:112 Resp: 2308
Ion Ratio Lower Upper
112 100
64 66.2 53.4 80.0
63 37.3 30.3 45.5



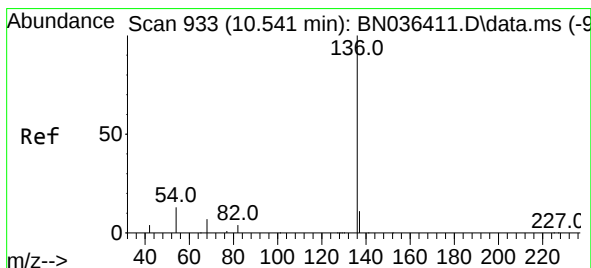
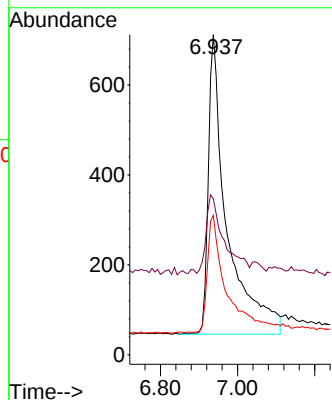
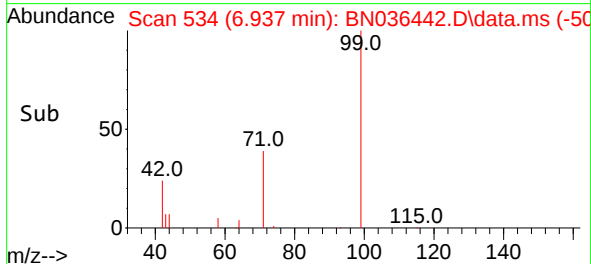


#5
Phenol-d6
Concen: 0.340 ng
RT: 6.937 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN036442.D
Acq: 12 Feb 2025 16:24

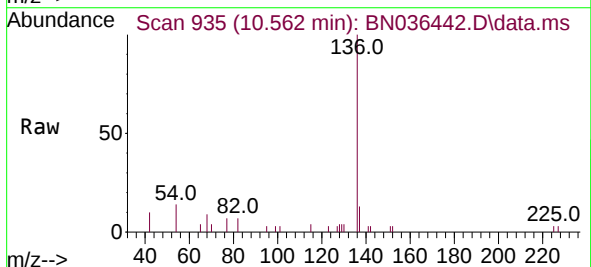
Instrument :
BNA_N
ClientSampleId :
PB166675BL



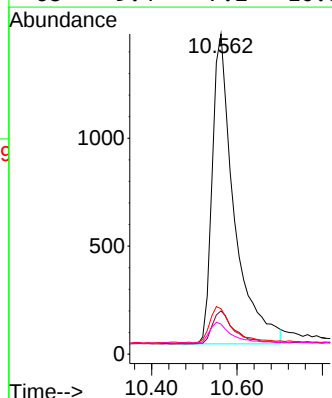
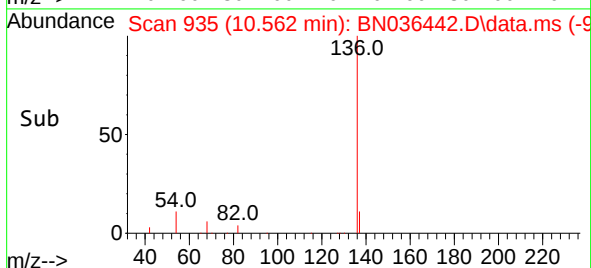
Tgt Ion: 99 Resp: 2230
Ion Ratio Lower Upper
99 100
42 24.9 21.7 32.5
71 41.0 32.6 49.0

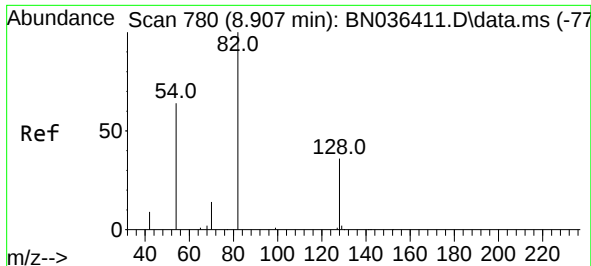


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. 0.021 min
Lab File: BN036442.D
Acq: 12 Feb 2025 16:24



Tgt Ion: 136 Resp: 5102
Ion Ratio Lower Upper
136 100
137 13.5 10.1 15.1
54 14.2 11.8 17.6
68 9.4 7.2 10.8

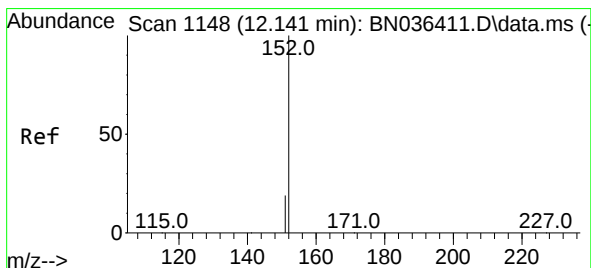
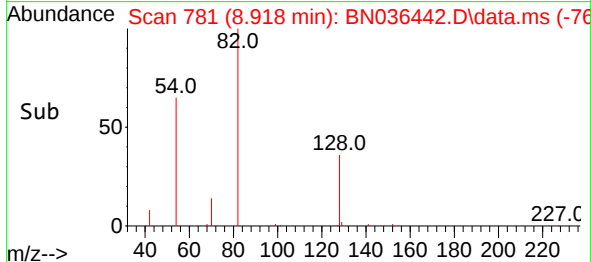
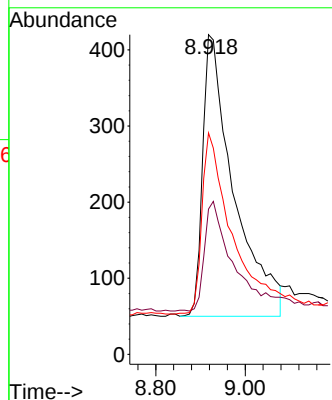
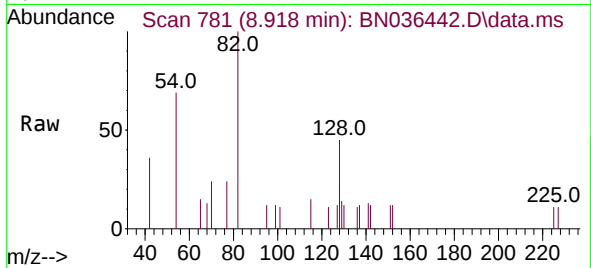




#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.918 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN036442.D
Acq: 12 Feb 2025 16:24

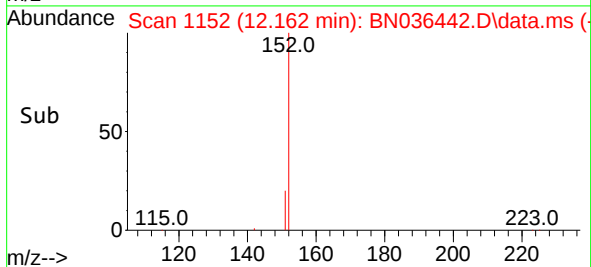
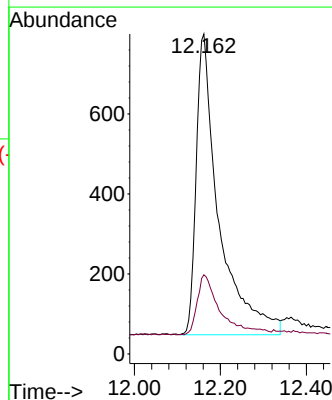
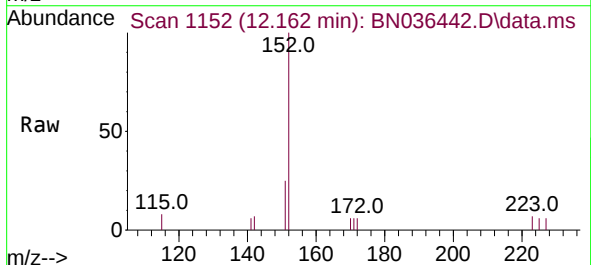
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BNA_N
ClientSampleId :
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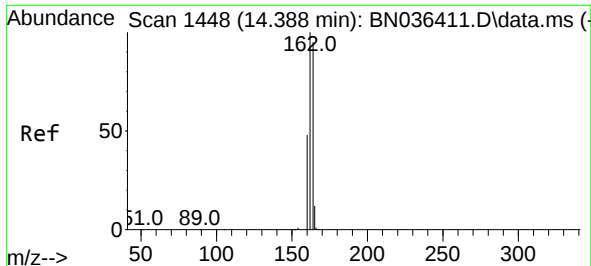
Tgt Ion: 82 Resp: 1785
Ion Ratio Lower Upper
82 100
128 45.5 31.9 47.9
54 69.3 53.1 79.7



#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.162 min Scan# 1152
Delta R.T. 0.020 min
Lab File: BN036442.D
Acq: 12 Feb 2025 16:24

Tgt Ion: 152 Resp: 2747
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0

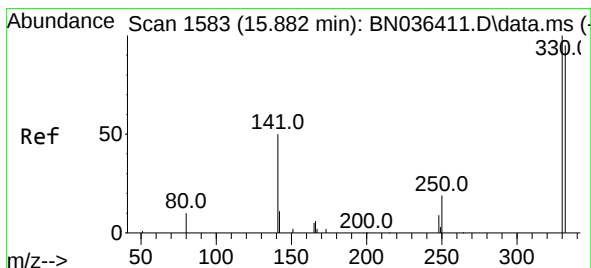
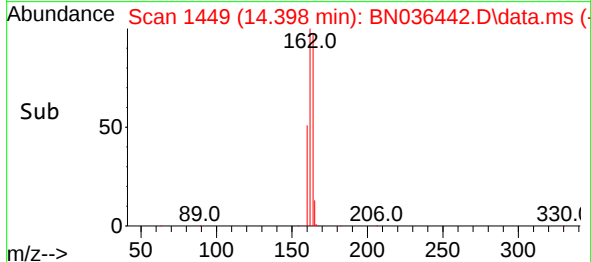
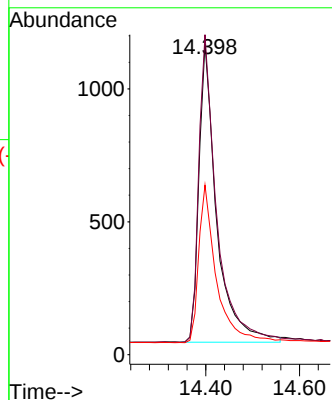
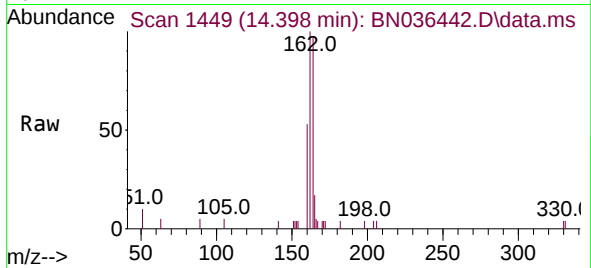




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.398 min Scan# 1448
 Delta R.T. 0.011 min
 Lab File: BN036442.D
 Acq: 12 Feb 2025 16:24

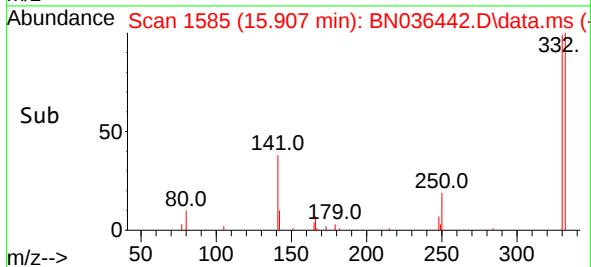
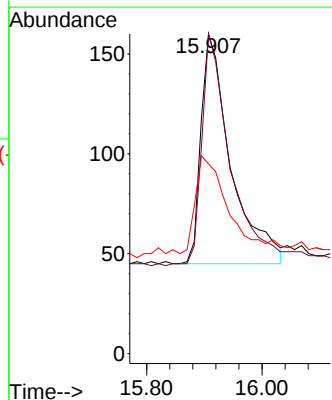
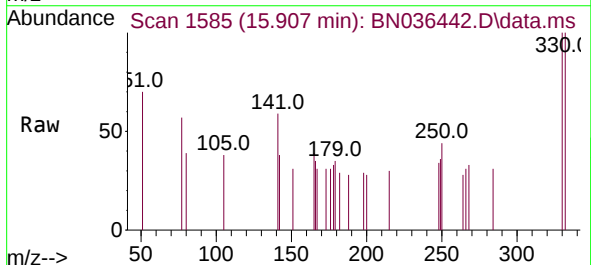
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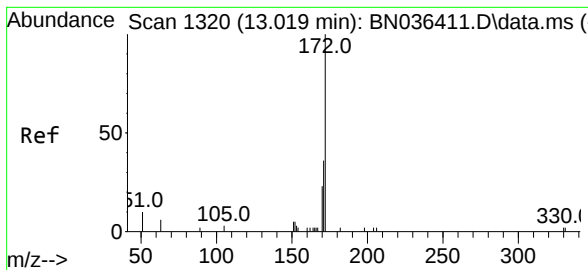
Tgt Ion:164 Resp: 2942
 Ion Ratio Lower Upper
 164 100
 162 102.9 84.1 126.1
 160 54.5 41.4 62.0



#14
 2,4,6-Tribromophenol
 Concen: 0.284 ng
 RT: 15.907 min Scan# 1585
 Delta R.T. 0.025 min
 Lab File: BN036442.D
 Acq: 12 Feb 2025 16:24

Tgt Ion:330 Resp: 414
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 47.8 37.8 56.8

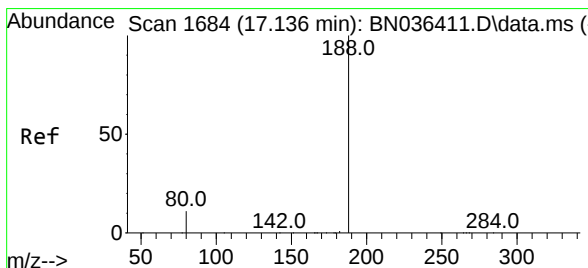
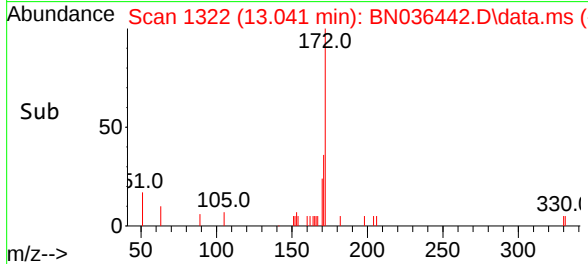
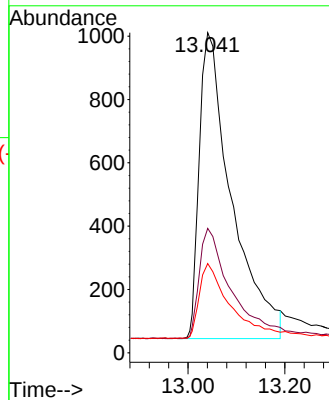
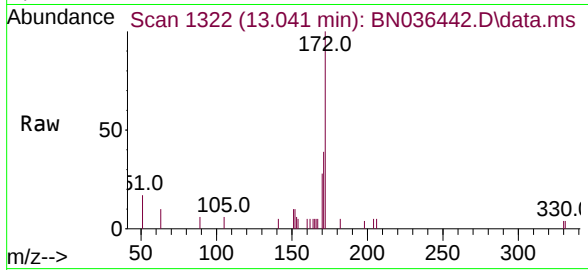




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.041 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN036442.D
Acq: 12 Feb 2025 16:24

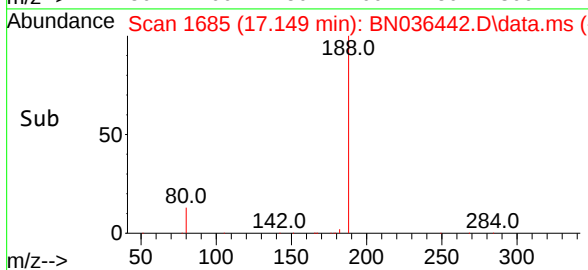
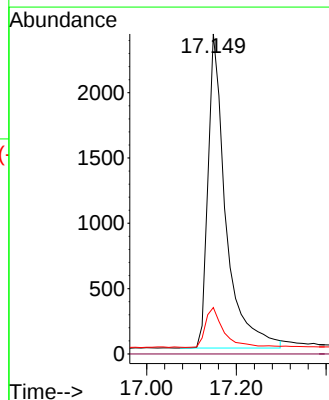
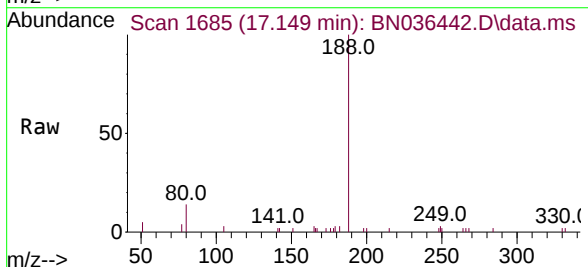
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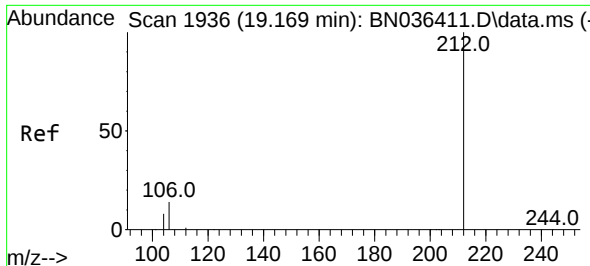
Tgt Ion:	172	Resp:	3962
Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.6	44.4
170	27.9	19.8	29.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1685
Delta R.T. 0.012 min
Lab File: BN036442.D
Acq: 12 Feb 2025 16:24

Tgt Ion:	188	Resp:	6604
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	9.8	14.6

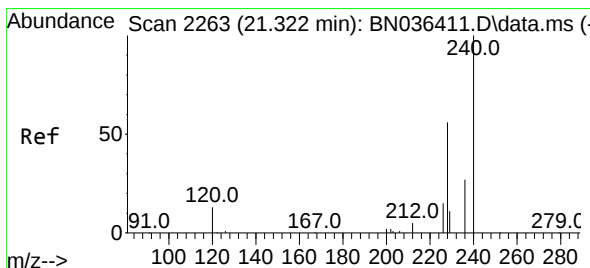
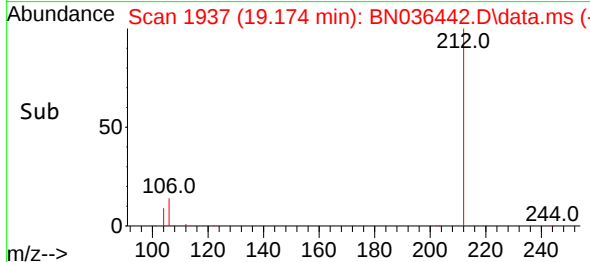
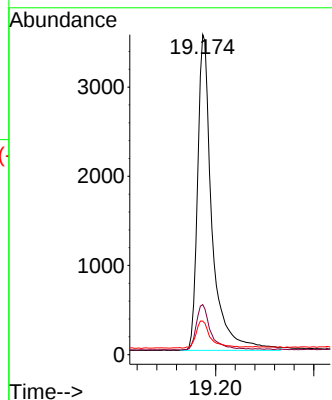
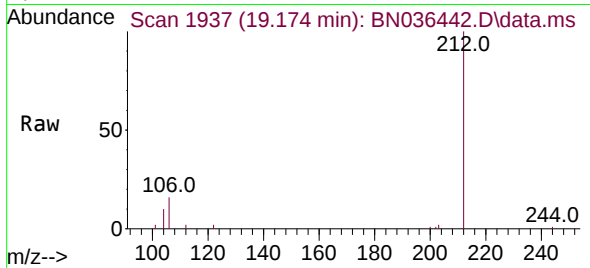




#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 19.174 min Scan# 1937
Delta R.T. 0.005 min
Lab File: BN036442.D
Acq: 12 Feb 2025 16:24

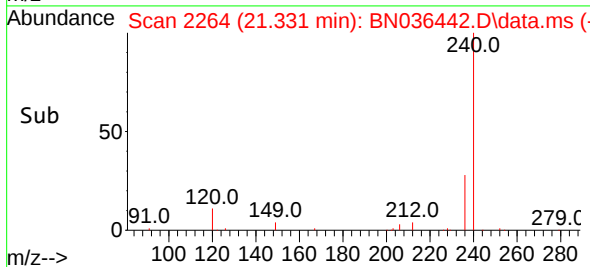
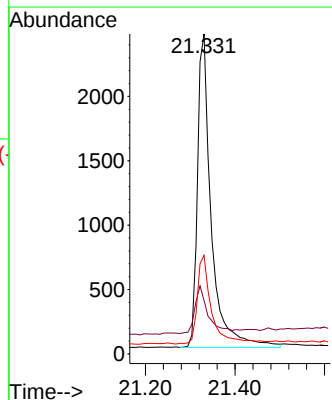
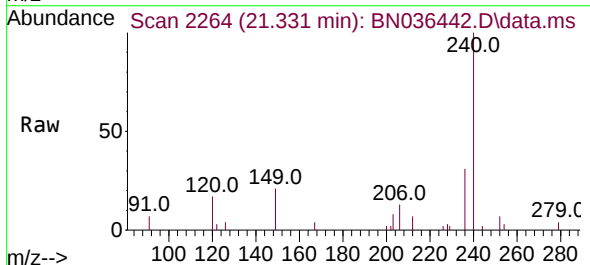
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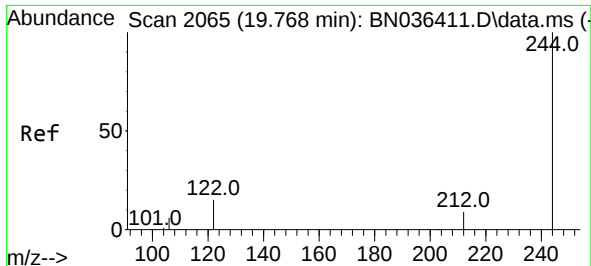
Tgt Ion:212 Resp: 7210
Ion Ratio Lower Upper
212 100
106 14.5 11.5 17.3
104 8.8 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.331 min Scan# 2264
Delta R.T. 0.009 min
Lab File: BN036442.D
Acq: 12 Feb 2025 16:24

Tgt Ion:240 Resp: 5195
Ion Ratio Lower Upper
240 100
120 16.7 13.3 19.9
236 30.8 23.0 34.6

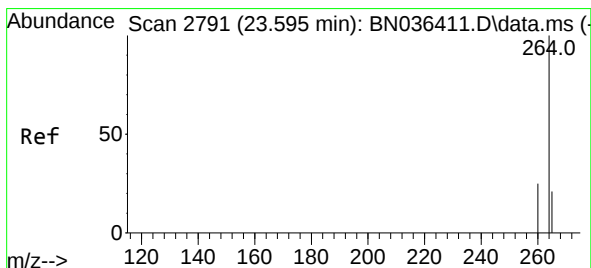
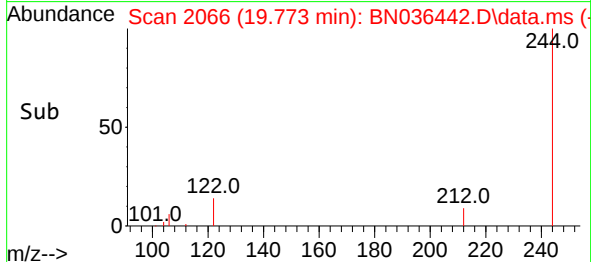
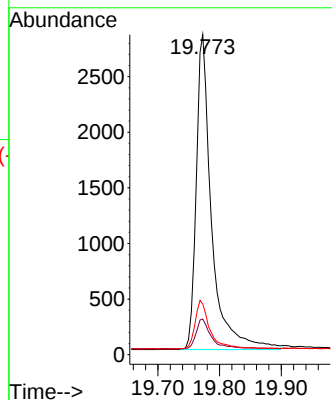
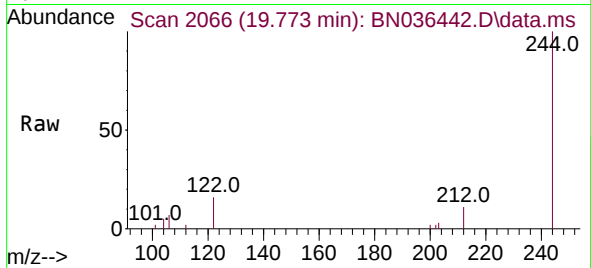




#31
 Terphenyl-d14
 Concen: 0.443 ng
 RT: 19.773 min Scan# 2066
 Delta R.T. 0.005 min
 Lab File: BN036442.D
 Acq: 12 Feb 2025 16:24

Instrument :
 BNA_N
 ClientSampleId :
 PB166675BL

Tgt Ion:244 Resp: 4909
 Ion Ratio Lower Upper
 244 100
 212 11.2 8.1 12.1
 122 15.8 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: BN036442.D
 Acq: 12 Feb 2025 16:24

Tgt Ion:264 Resp: 4640
 Ion Ratio Lower Upper
 264 100
 260 27.3 20.9 31.3
 265 119.5 60.7 91.1#

