

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
 Data File : BN036113.D
 Acq On : 29 Jan 2025 18:42
 Operator : RC/JU
 Sample : PB166297BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166297BL

Quant Time: Jan 30 00:35:33 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 Jan 23 00:34:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.803	152	2136	0.400	ng	-0.01
7) Naphthalene-d8	10.600	136	4915	0.400	ng	-0.01
13) Acenaphthene-d10	14.442	164	2707	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	5606	0.400	ng	0.00
29) Chrysene-d12	21.376	240	4293	0.400	ng	0.00
35) Perylene-d12	23.678	264	4681	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.419	112	2354	0.424	ng	0.03
5) Phenol-d6	7.023	99	2714	0.416	ng	0.05
8) Nitrobenzene-d5	8.956	82	1959	0.422	ng	0.00
11) 2-Methylnaphthalene-d10	12.192	152	2885	0.432	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	538	0.310	ng	0.02
15) 2-Fluorobiphenyl	13.073	172	4491	0.372	ng	0.00
27) Fluoranthene-d10	19.220	212	6282	0.433	ng	0.00
31) Terphenyl-d14	19.820	244	5035	0.565	ng	0.00

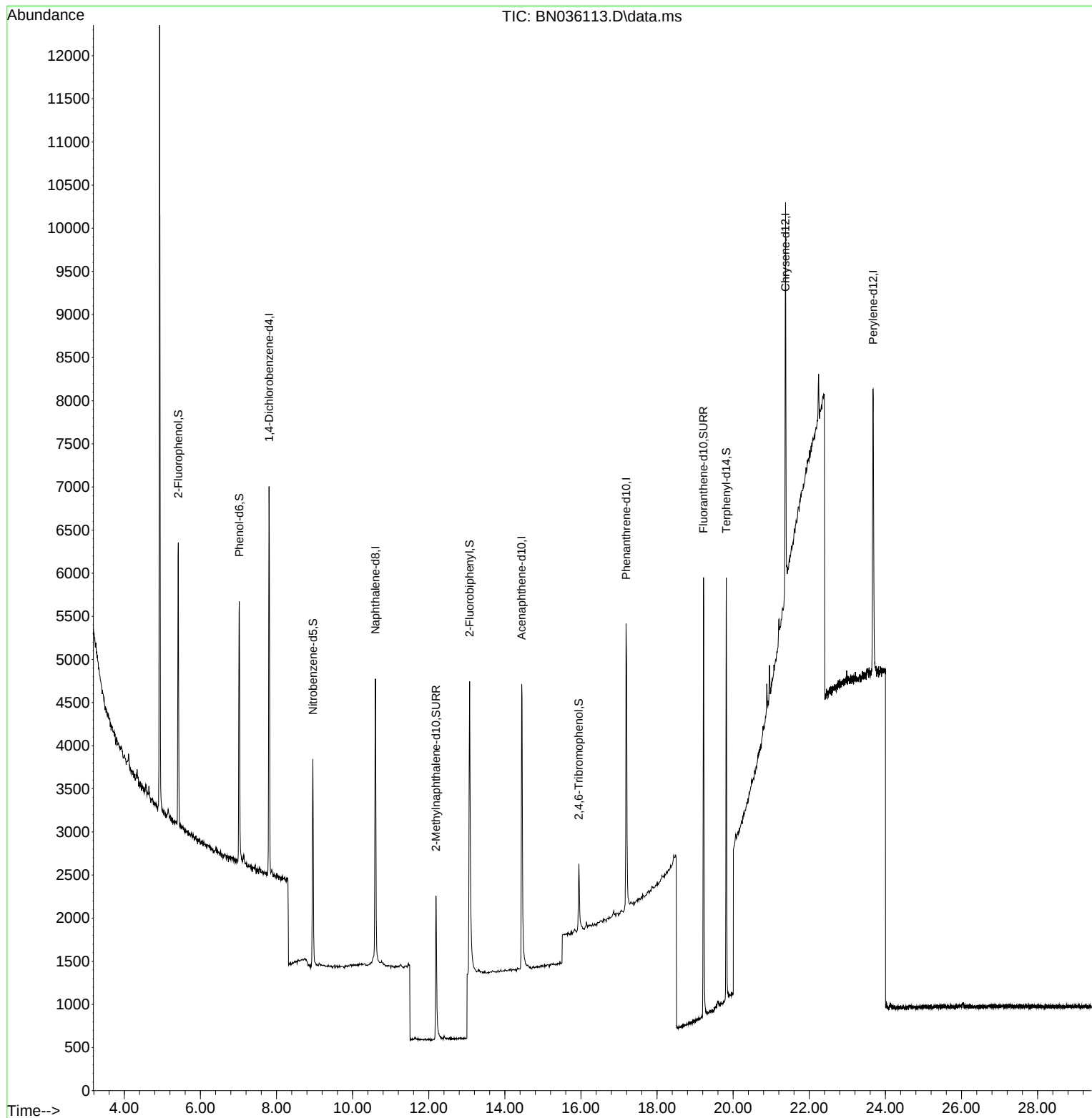
Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
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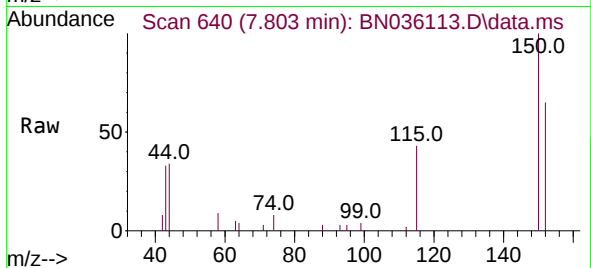
Quant Time: Jan 30 00:35:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
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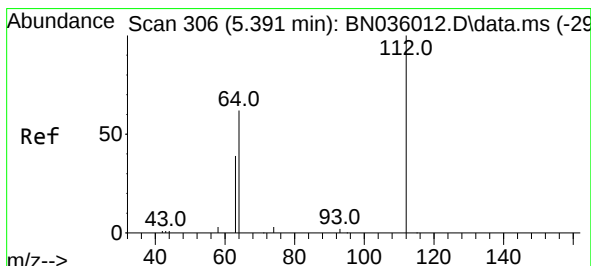
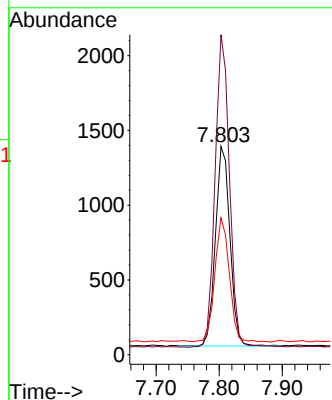
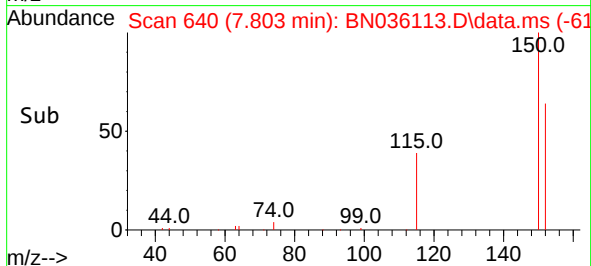


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.803 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN036113.D
 Acq: 29 Jan 2025 18:42

Instrument :
 BNA_N
 ClientSampleId :
 PB166297BL

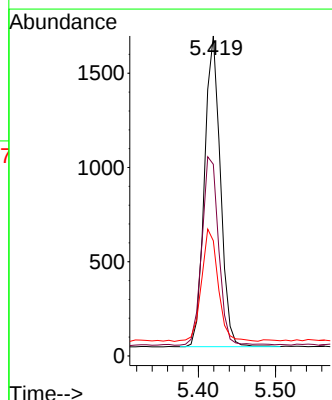
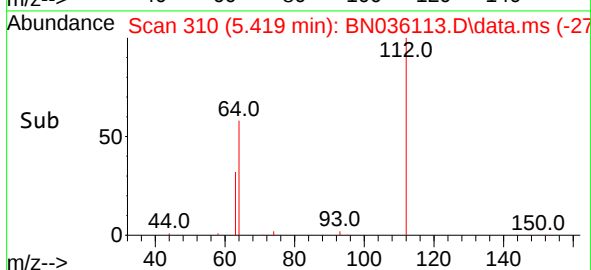
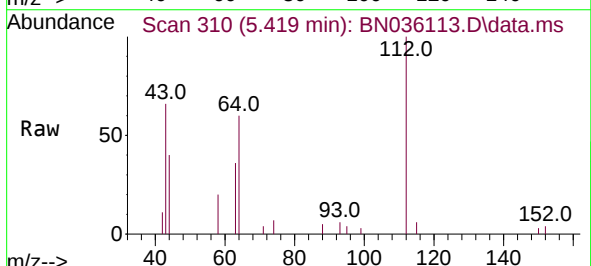


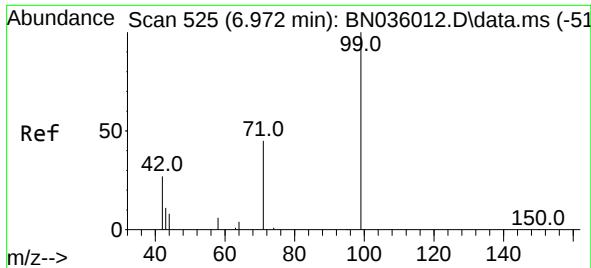
Tgt Ion:152 Resp: 2136
 Ion Ratio Lower Upper
 152 100
 150 153.7 117.4 176.2
 115 65.7 51.0 76.4



#4
 2-Fluorophenol
 Concen: 0.424 ng
 RT: 5.419 min Scan# 310
 Delta R.T. 0.029 min
 Lab File: BN036113.D
 Acq: 29 Jan 2025 18:42

Tgt Ion:112 Resp: 2354
 Ion Ratio Lower Upper
 112 100
 64 64.1 50.0 75.0
 63 37.8 30.7 46.1

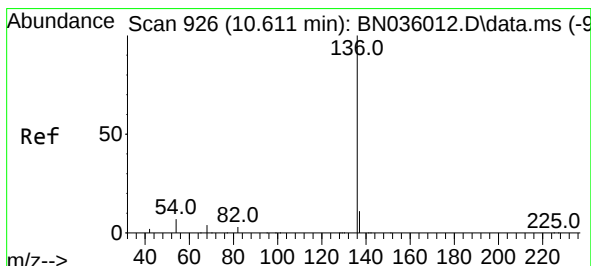
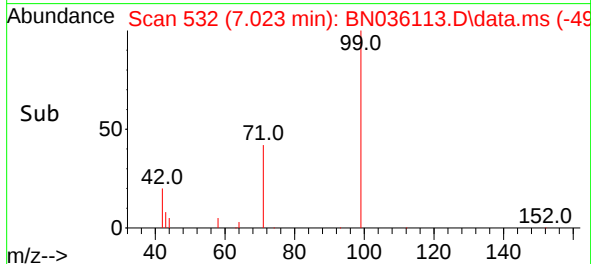
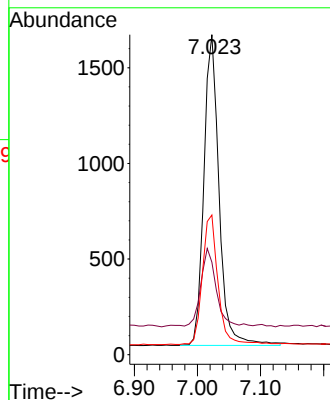
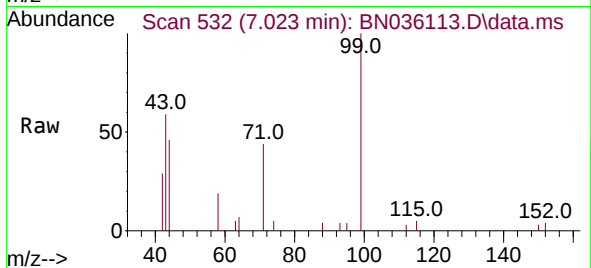




#5
Phenol-d6
Concen: 0.416 ng
RT: 7.023 min Scan# 51
Delta R.T. 0.051 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

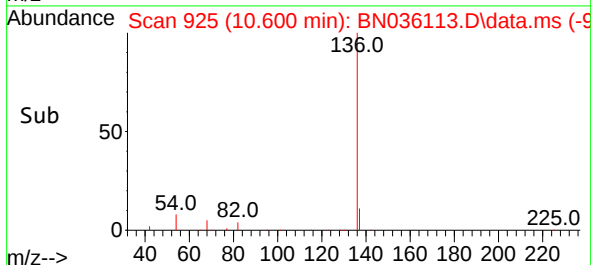
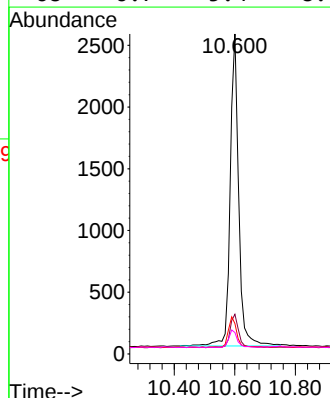
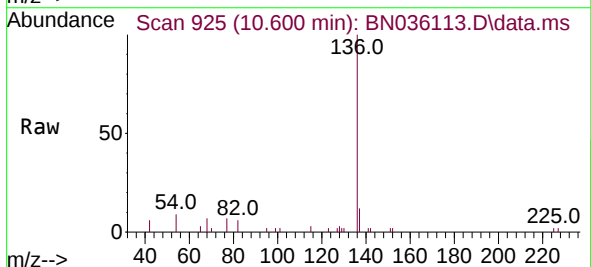
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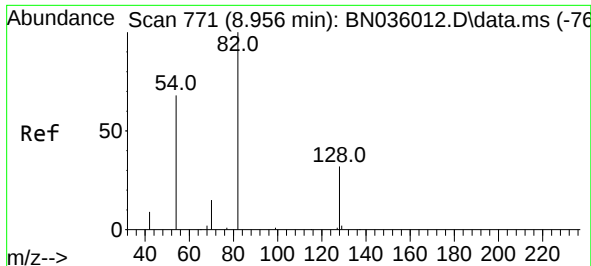
Tgt Ion: 99 Resp: 2714
Ion Ratio Lower Upper
99 100
42 25.2 26.8 40.2#
71 43.1 36.6 55.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.600 min Scan# 925
Delta R.T. -0.011 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 136 Resp: 4915
Ion Ratio Lower Upper
136 100
137 12.4 10.4 15.6
54 9.5 7.7 11.5
68 6.7 5.4 8.0

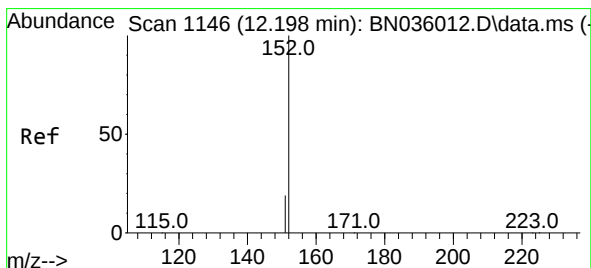
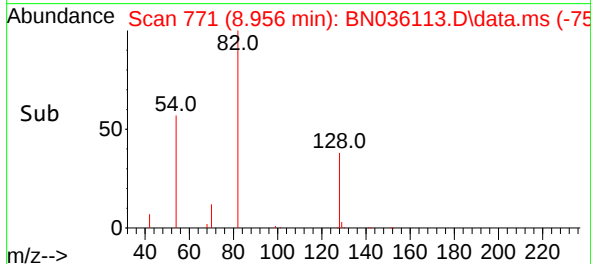
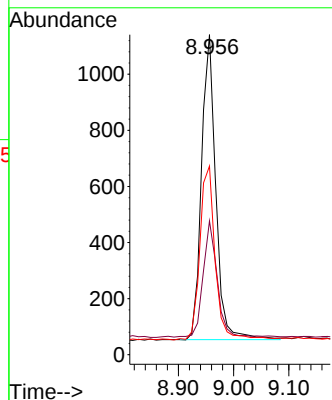
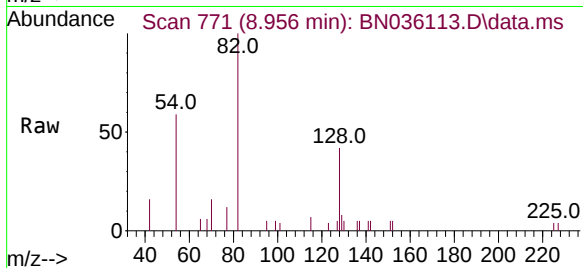




#8
Nitrobenzene-d5
Concen: 0.422 ng
RT: 8.956 min Scan# 771
Delta R.T. -0.000 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

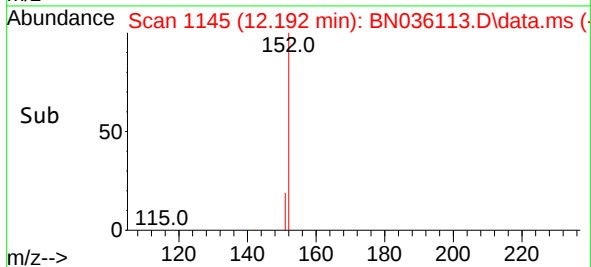
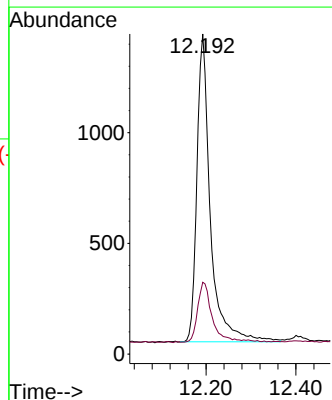
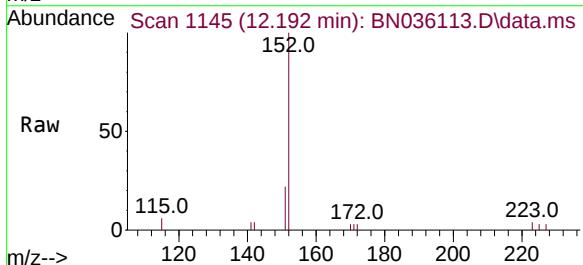
Instrument :
BNA_N
ClientSampleId :
PB166297BL

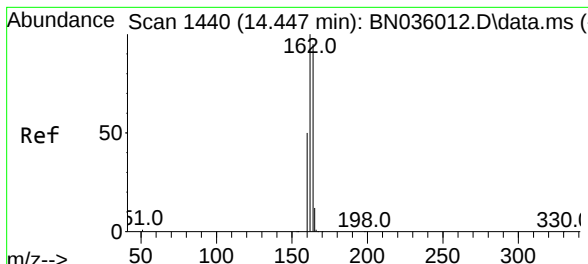
Tgt Ion: 82 Resp: 1959
Ion Ratio Lower Upper
82 100
128 41.8 28.8 43.2
54 59.0 55.8 83.8



#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 12.192 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 152 Resp: 2885
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0

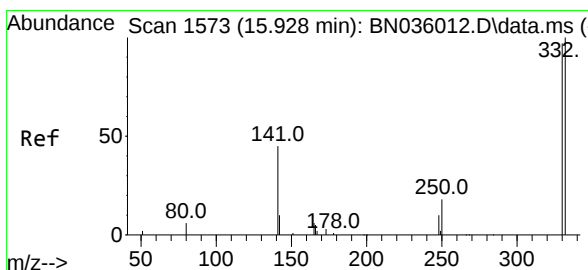
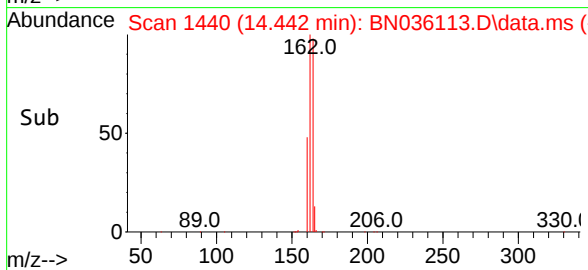
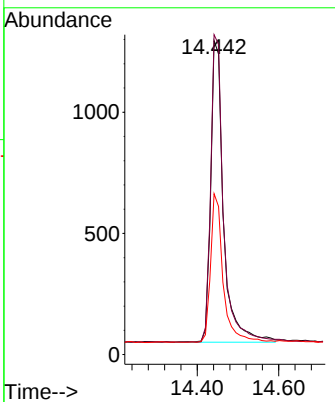
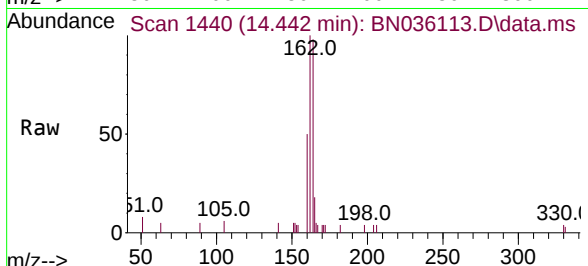




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.442 min Scan# 1440
 Delta R.T. -0.006 min
 Lab File: BN036113.D
 Acq: 29 Jan 2025 18:42

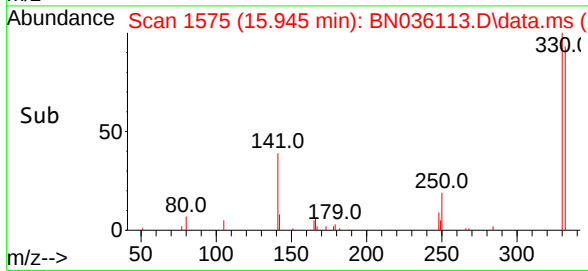
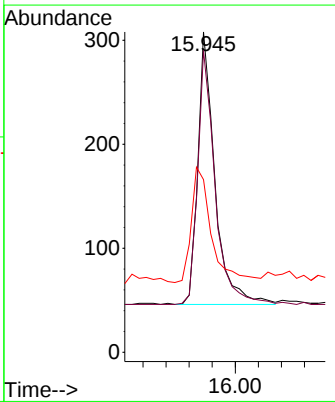
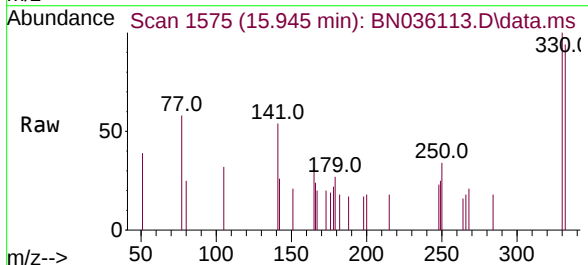
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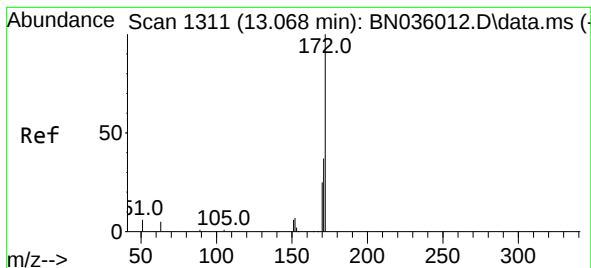
Tgt Ion:	164	Resp:	2707
Ion	Ratio	Lower	Upper
164	100		
162	101.9	84.1	126.1
160	51.3	43.8	65.8



#14
 2,4,6-Tribromophenol
 Concen: 0.310 ng
 RT: 15.945 min Scan# 1575
 Delta R.T. 0.017 min
 Lab File: BN036113.D
 Acq: 29 Jan 2025 18:42

Tgt Ion:	330	Resp:	538
Ion	Ratio	Lower	Upper
330	100		
332	94.6	81.0	121.4
141	50.2	36.7	55.1





#15

2-Fluorobiphenyl

Concen: 0.372 ng

RT: 13.073 min Scan# 11

Delta R.T. 0.005 min

Lab File: BN036113.D

Acq: 29 Jan 2025 18:42

Instrument :

BNA_N

ClientSampleId :

PB166297BL

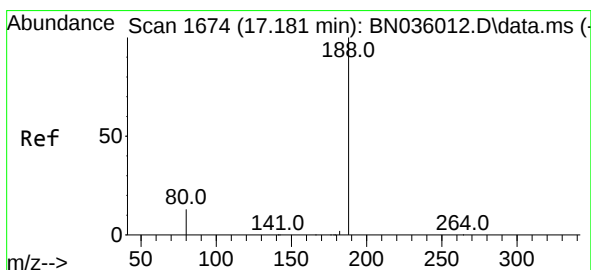
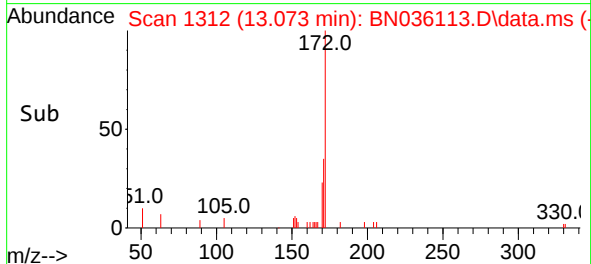
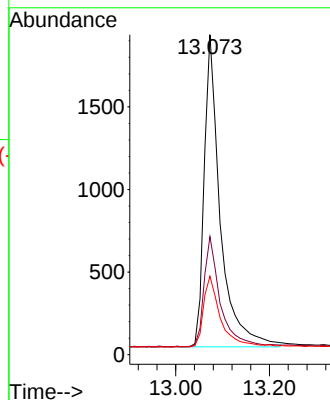
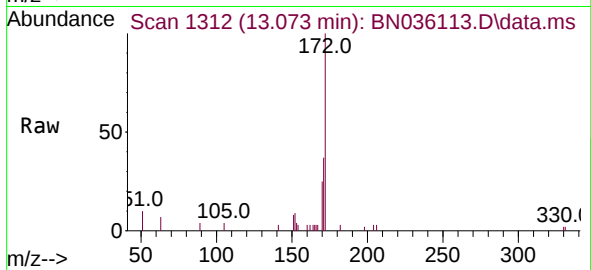
Tgt Ion:172 Resp: 4491

Ion Ratio Lower Upper

172 100

171 36.9 30.9 46.3

170 24.5 21.2 31.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.186 min Scan# 1675

Delta R.T. 0.005 min

Lab File: BN036113.D

Acq: 29 Jan 2025 18:42

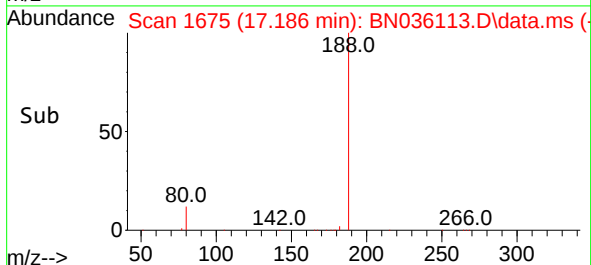
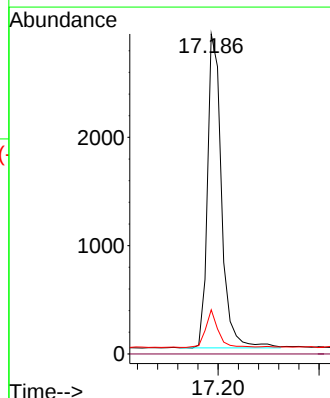
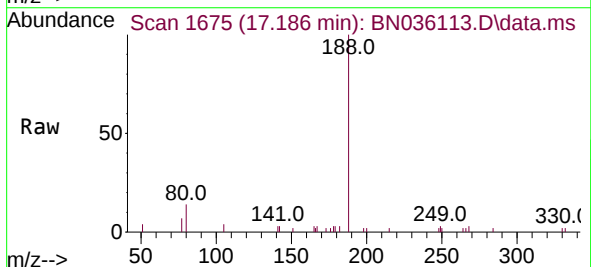
Tgt Ion:188 Resp: 5606

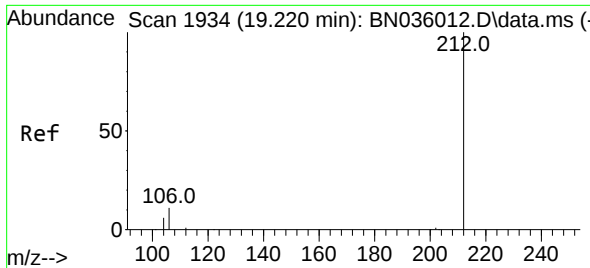
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.8 12.3 18.5

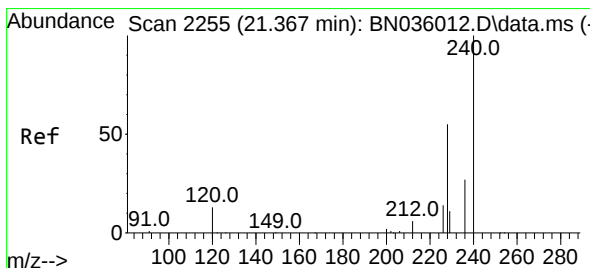
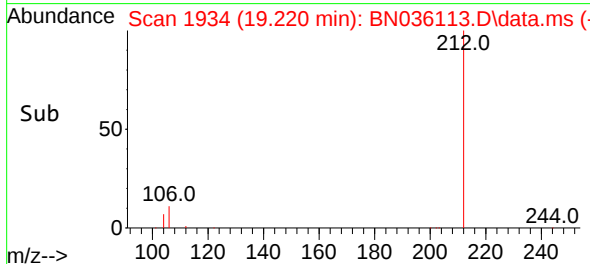
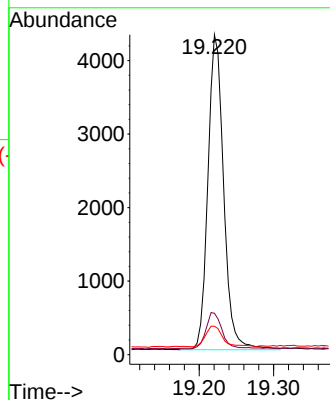
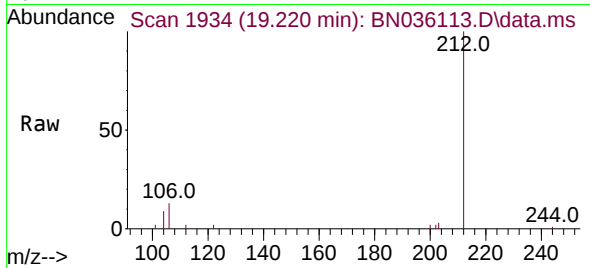




#27
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.220 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

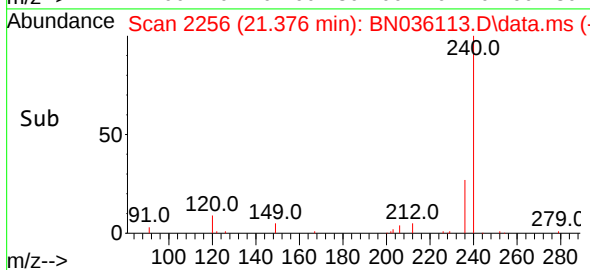
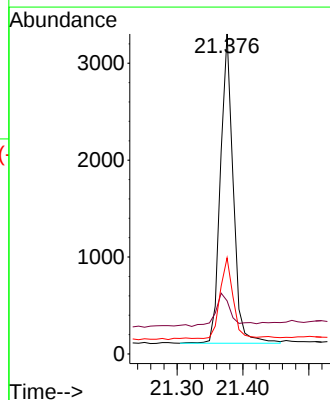
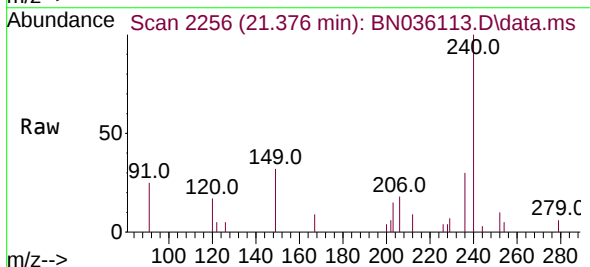
Instrument :
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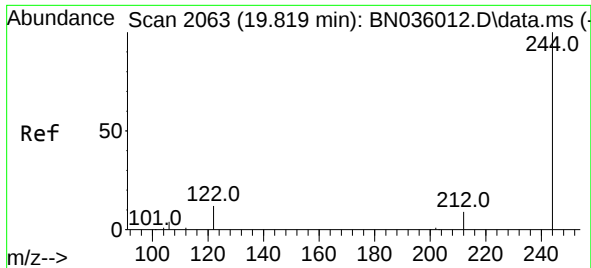
Tgt Ion:212 Resp: 6282
Ion Ratio Lower Upper
212 100
106 11.6 9.7 14.5
104 7.3 6.0 9.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2256
Delta R.T. 0.009 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

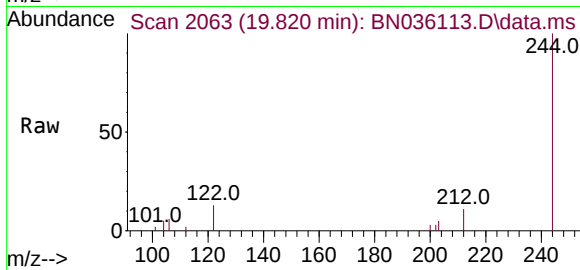
Tgt Ion:240 Resp: 4293
Ion Ratio Lower Upper
240 100
120 16.6 13.9 20.9
236 30.1 23.7 35.5



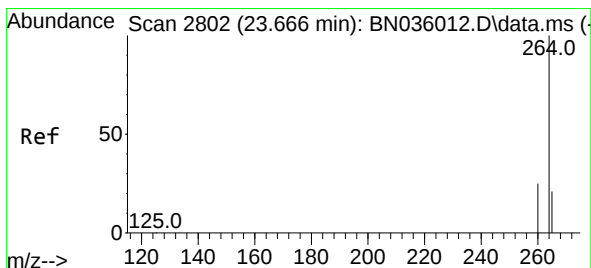
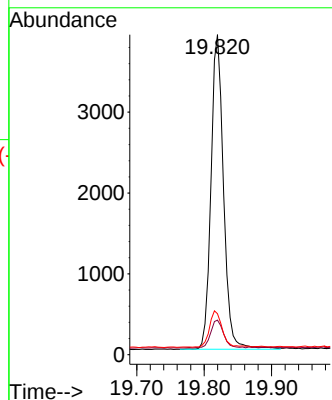


#31
Terphenyl-d14
Concen: 0.565 ng
RT: 19.820 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Instrument :
BNA_N
ClientSampleId :
PB166297BL



Tgt Ion:244 Resp: 5035
Ion Ratio Lower Upper
244 100
212 10.8 9.1 13.7
122 12.8 11.3 16.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.678 min Scan# 2806
Delta R.T. 0.012 min
Lab File: BN036113.D
Acq: 29 Jan 2025 18:42

Tgt Ion:264 Resp: 4681
Ion Ratio Lower Upper
264 100
260 26.9 21.8 32.6
265 135.9 56.6 84.8#

