

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034265.D
 Acq On : 27 Sep 2024 05:32
 Operator : RC/JU
 Sample : P4164-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW181S-20240923

Quant Time: Sep 27 06:18:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

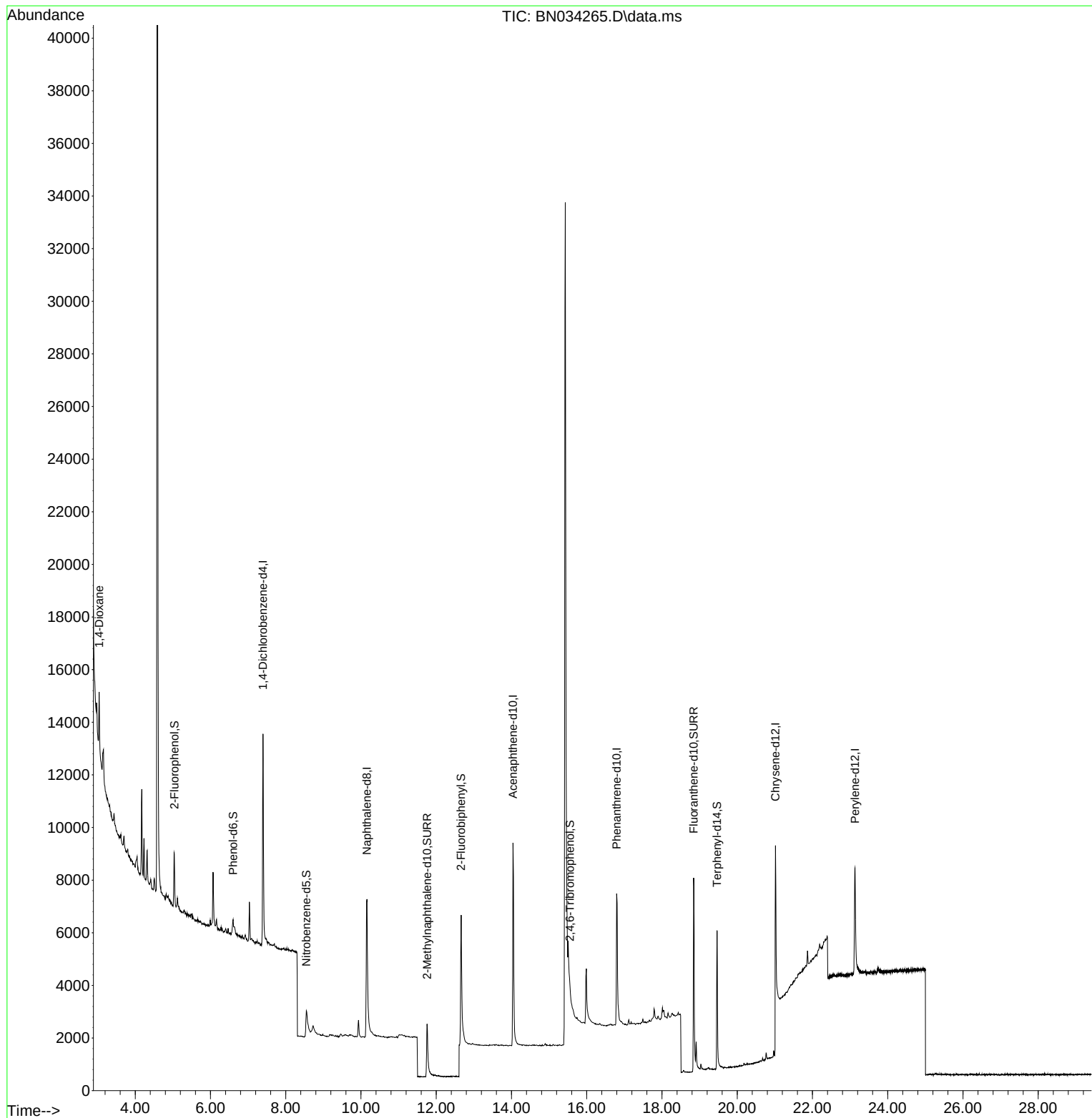
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.394	152	4213	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	10737	0.400	ng	0.01
13) Acenaphthene-d10	14.040	164	5348	0.400	ng	0.00
19) Phenanthrene-d10	16.796	188	9681	0.400	ng	# 0.00
29) Chrysene-d12	21.017	240	7251	0.400	ng	# 0.00
35) Perylene-d12	23.130	264	6457	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	1654	0.138	ng	0.00
5) Phenol-d6	6.600	99	758	0.055	ng	0.00
8) Nitrobenzene-d5	8.547	82	1805	0.220	ng	0.01
11) 2-Methylnaphthalene-d10	11.757	152	4290	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.555	330	184	0.076	ng	0.00
15) 2-Fluorobiphenyl	12.661	172	6196	0.285	ng	0.00
27) Fluoranthene-d10	18.843	212	9382	0.384	ng	0.00
31) Terphenyl-d14	19.466	244	5924	0.409	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.039	88	1506	0.286	ng	# 35

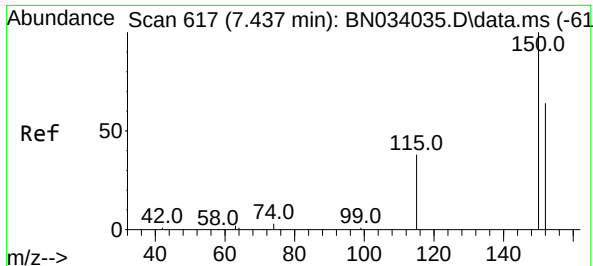
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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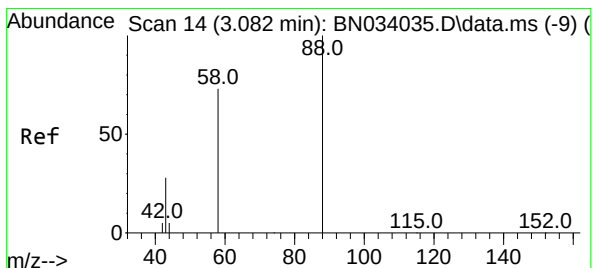
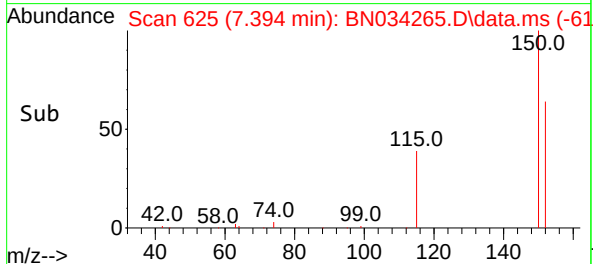
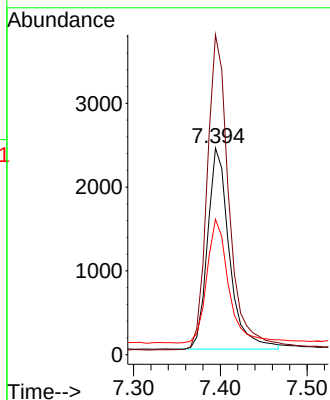
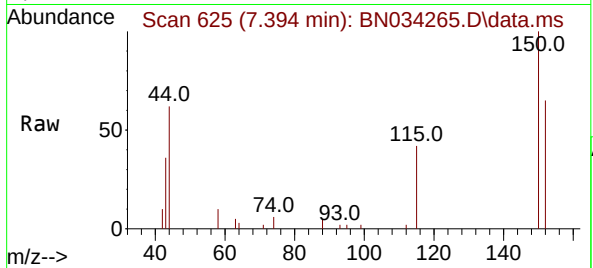




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.394 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN034265.D
Acq: 27 Sep 2024 05:32

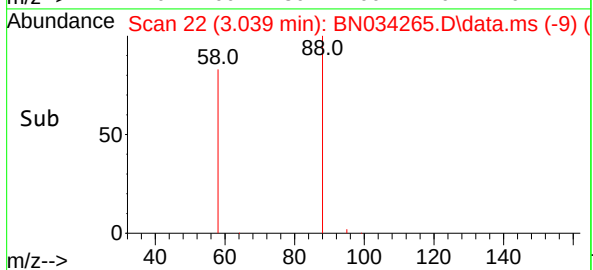
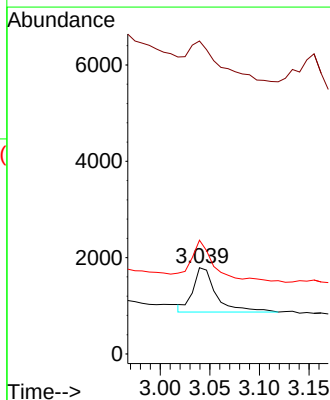
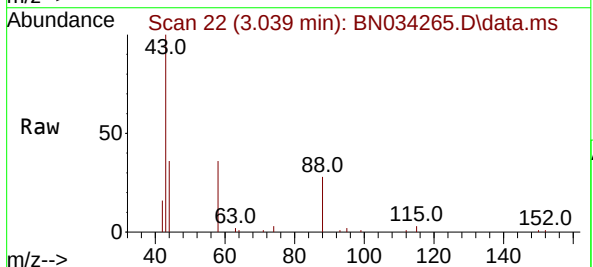
Instrument :
BNA_N
ClientSampleId :
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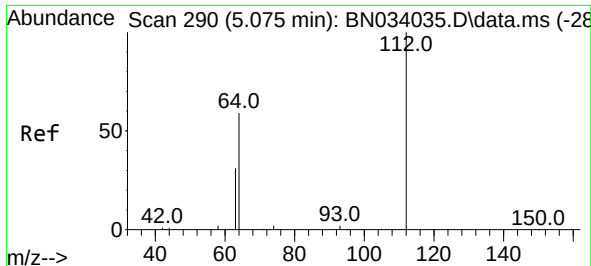
Tgt Ion:152 Resp: 4213
Ion Ratio Lower Upper
152 100
150 155.0 124.6 187.0
115 65.5 50.0 75.0



#2
1,4-Dioxane
Concen: 0.286 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN034265.D
Acq: 27 Sep 2024 05:32

Tgt Ion: 88 Resp: 1506
Ion Ratio Lower Upper
88 100
43 126.2 25.8 38.8#
58 90.4 58.8 88.2#





#4

2-Fluorophenol

Concen: 0.138 ng

RT: 5.040 min Scan# 290

Delta R.T. 0.007 min

Lab File: BN034265.D

Acq: 27 Sep 2024 05:32

Instrument :

BNA_N

ClientSampleId :

MW181S-20240923

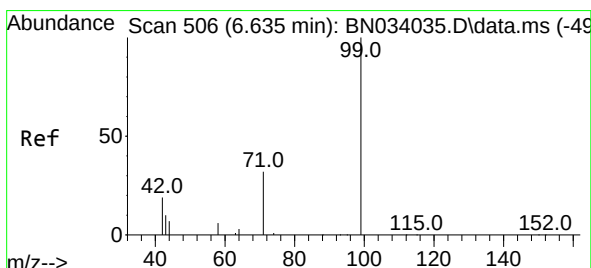
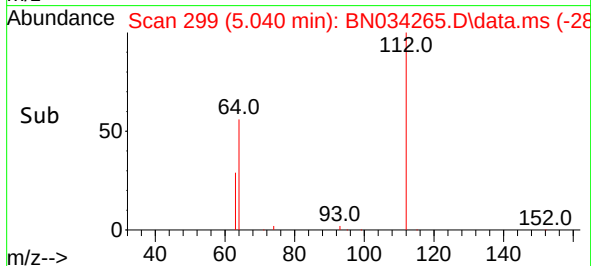
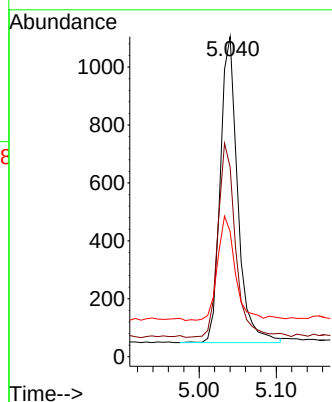
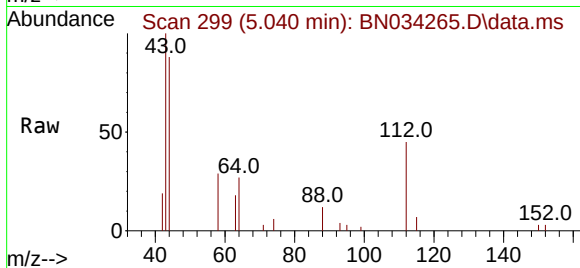
Tgt Ion:112 Resp: 1654

Ion Ratio Lower Upper

112 100

64 63.4 48.6 72.8

63 34.0 25.6 38.4



#5

Phenol-d6

Concen: 0.055 ng

RT: 6.600 min Scan# 515

Delta R.T. 0.000 min

Lab File: BN034265.D

Acq: 27 Sep 2024 05:32

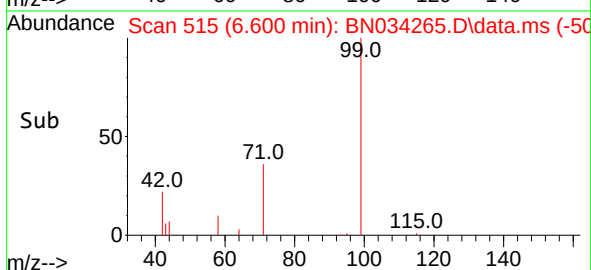
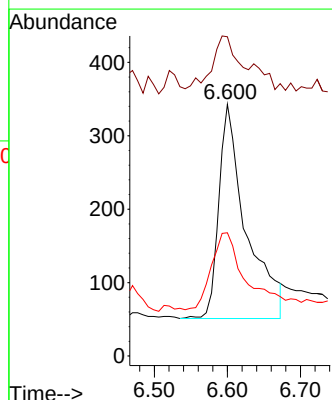
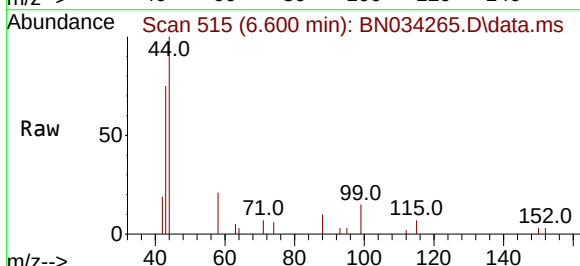
Tgt Ion: 99 Resp: 758

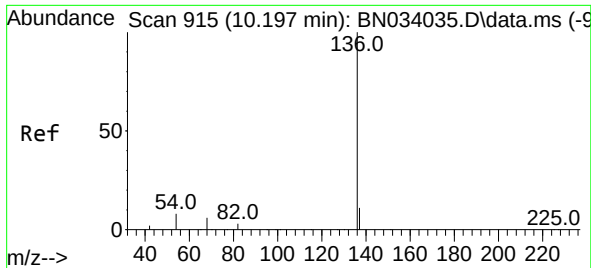
Ion Ratio Lower Upper

99 100

42 23.1 17.8 26.8

71 44.3 26.2 39.2#

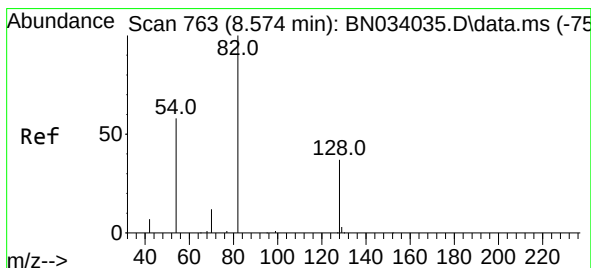
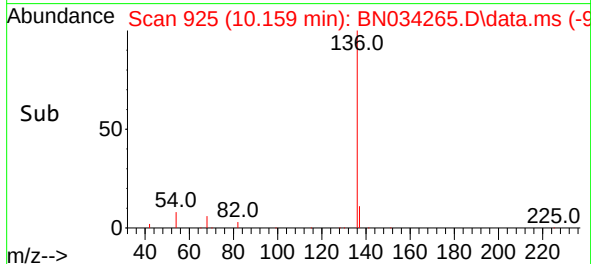
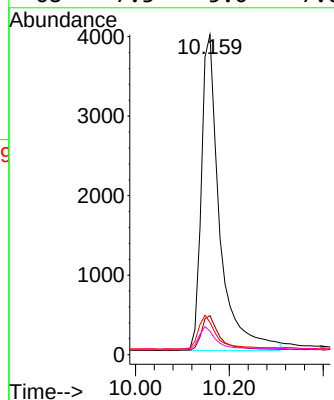
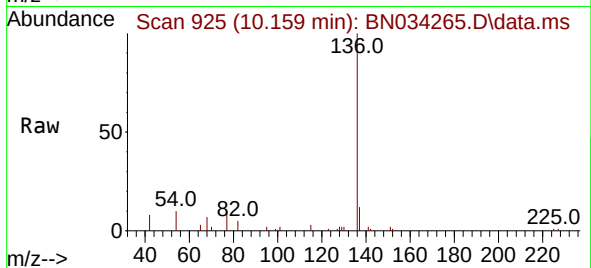




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.159 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034265.D
Acq: 27 Sep 2024 05:32

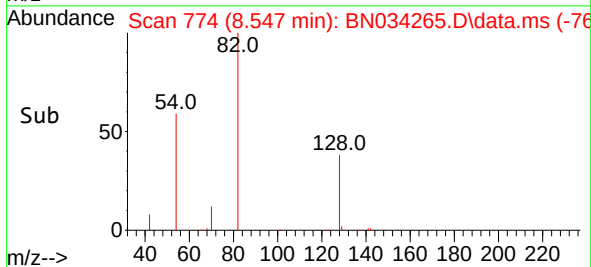
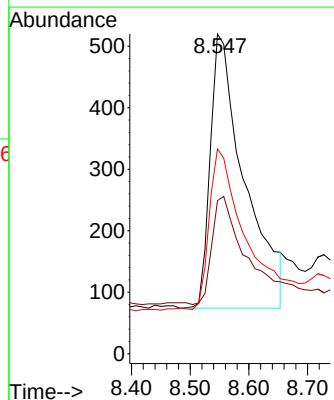
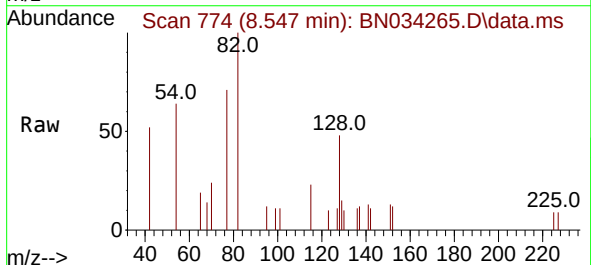
Instrument :
BNA_N
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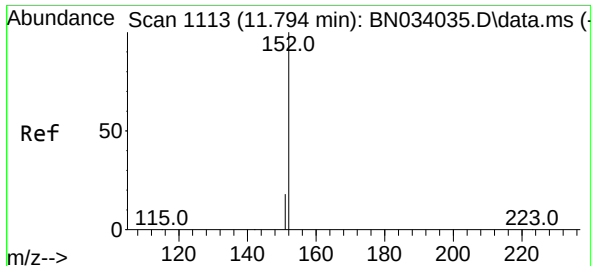
Tgt Ion:	136	Resp:	10737
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.0	13.6
54	10.1	6.8	10.2
68	7.3	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.220 ng
RT: 8.547 min Scan# 774
Delta R.T. 0.011 min
Lab File: BN034265.D
Acq: 27 Sep 2024 05:32

Tgt Ion:	82	Resp:	1805
Ion	Ratio	Lower	Upper
82	100		
128	47.9	31.4	47.2#
54	64.0	47.4	71.0

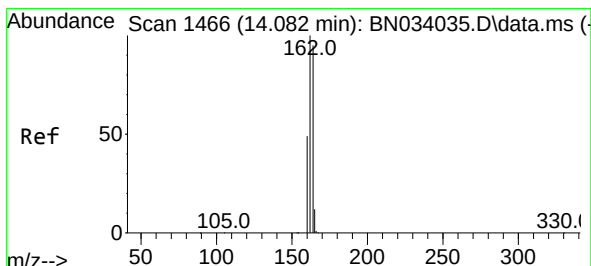
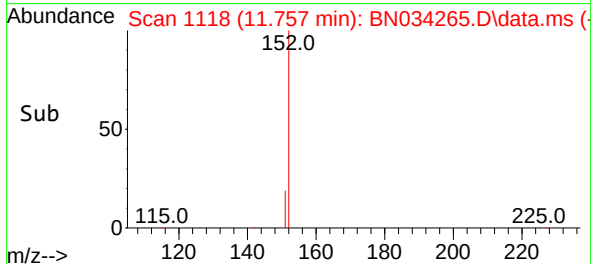
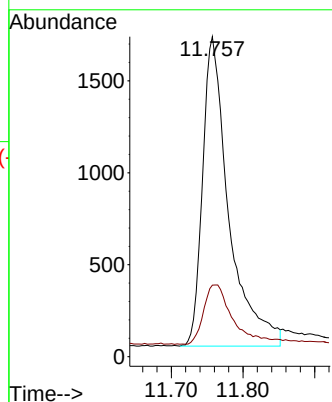
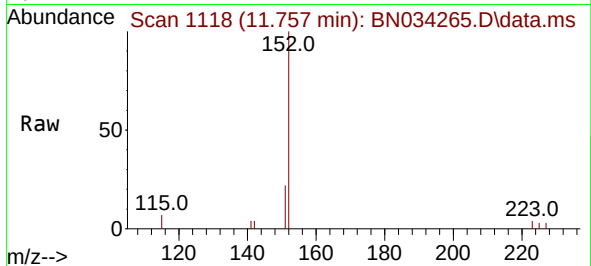




#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 11.757 min Scan# 1118
Delta R.T. 0.004 min
Lab File: BN034265.D
Acq: 27 Sep 2024 05:32

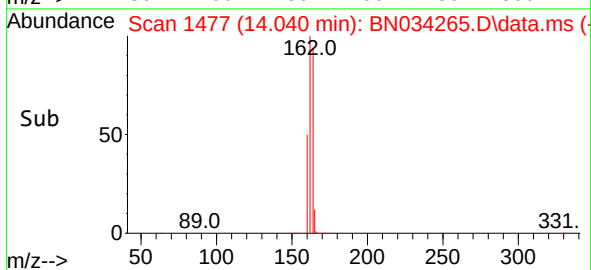
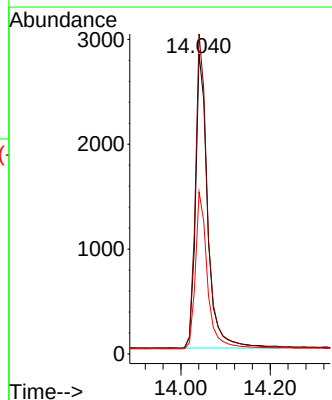
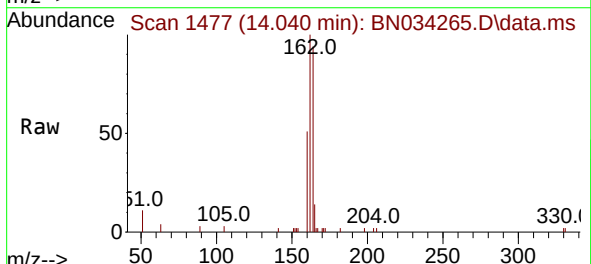
Instrument :
BNA_N
ClientSampleId :
MW181S-20240923

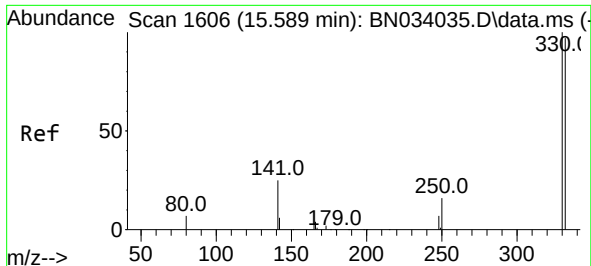
Tgt Ion:152 Resp: 4290
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.040 min Scan# 1477
Delta R.T. -0.007 min
Lab File: BN034265.D
Acq: 27 Sep 2024 05:32

Tgt Ion:164 Resp: 5348
Ion Ratio Lower Upper
164 100
162 106.7 84.2 126.2
160 54.0 41.7 62.5

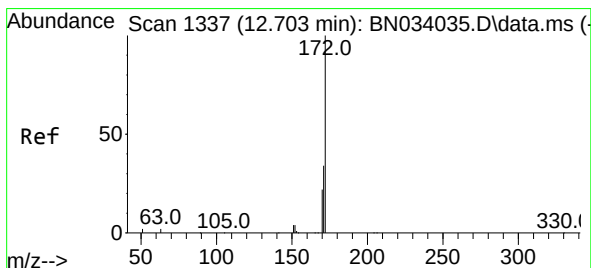
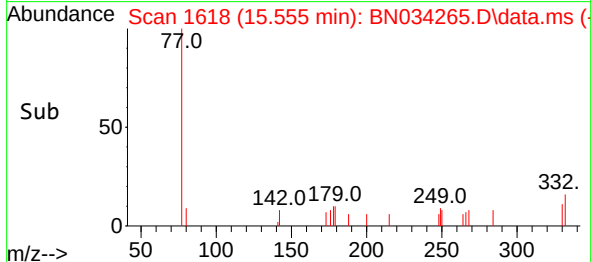
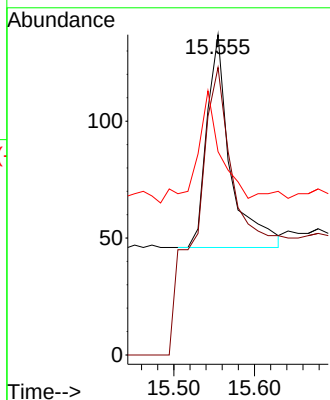
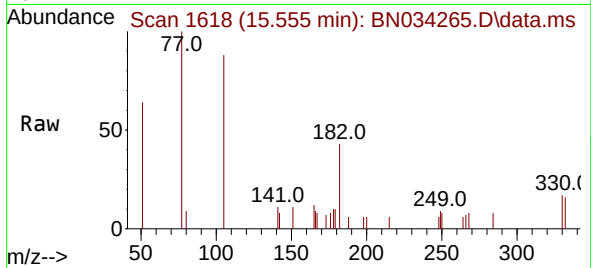




#14
2,4,6-Tribromophenol
Concen: 0.076 ng
RT: 15.555 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BN034265.D
Acq: 27 Sep 2024 05:32

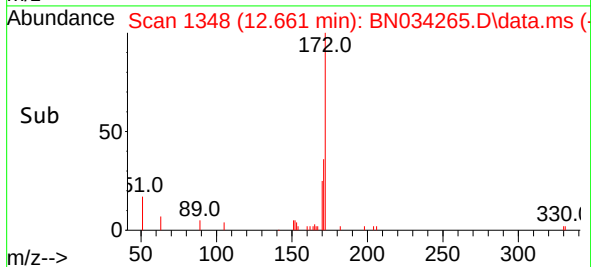
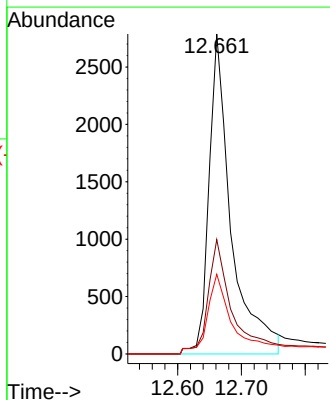
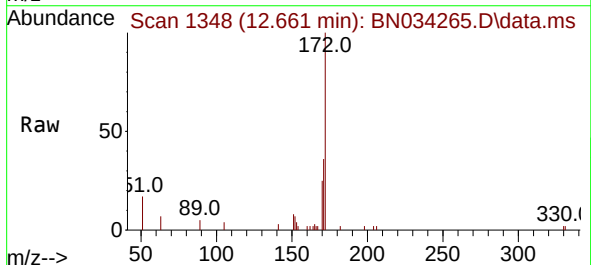
Instrument :
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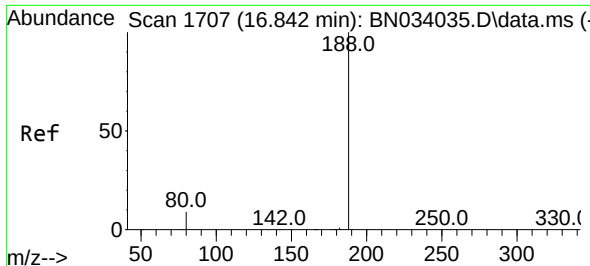
Tgt Ion:330 Resp: 184
Ion Ratio Lower Upper
330 100
332 308.2 77.4 116.0#
141 53.3 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.661 min Scan# 1348
Delta R.T. 0.004 min
Lab File: BN034265.D
Acq: 27 Sep 2024 05:32

Tgt Ion:172 Resp: 6196
Ion Ratio Lower Upper
172 100
171 35.8 27.3 40.9
170 24.9 18.1 27.1

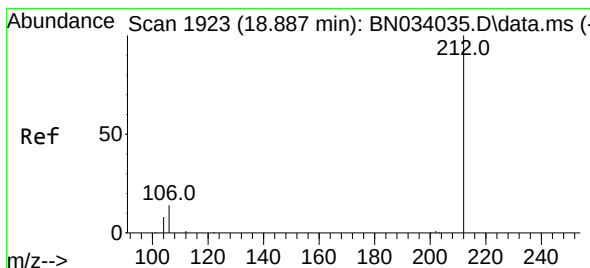
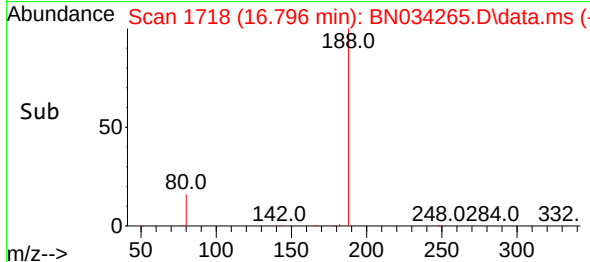
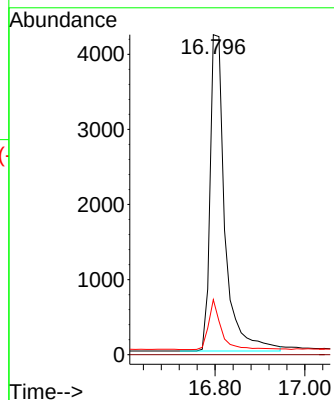
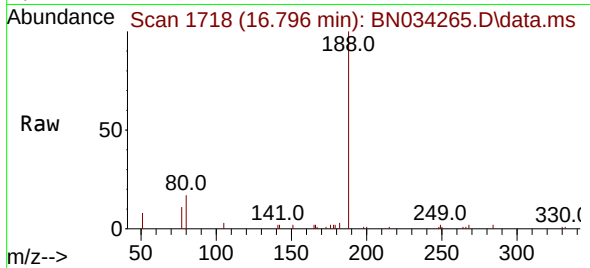




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.796 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN034265.D
Acq: 27 Sep 2024 05:32

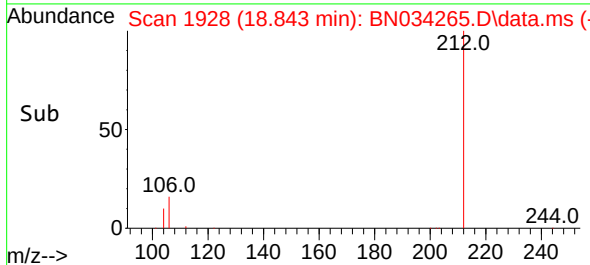
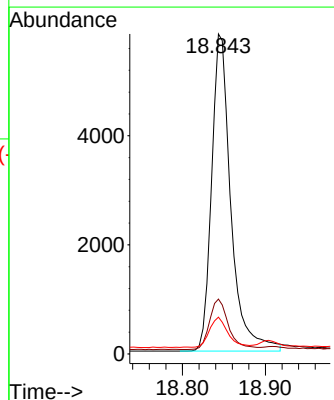
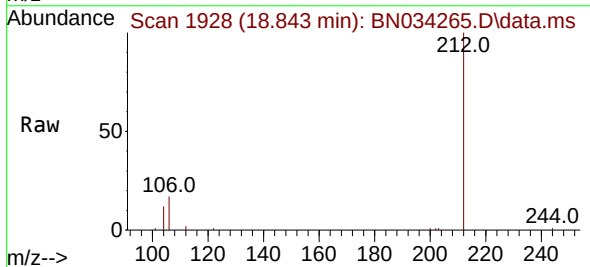
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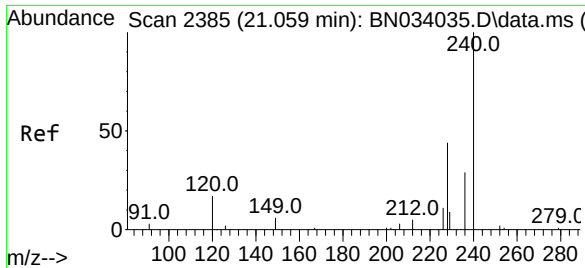
Tgt Ion:188 Resp: 9681
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.2 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 18.843 min Scan# 1928
Delta R.T. -0.002 min
Lab File: BN034265.D
Acq: 27 Sep 2024 05:32

Tgt Ion:212 Resp: 9382
Ion Ratio Lower Upper
212 100
106 15.8 13.4 20.2
104 9.1 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.017 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN034265.D

Acq: 27 Sep 2024 05:32

Instrument :

BNA_N

ClientSampleId :

MW181S-20240923

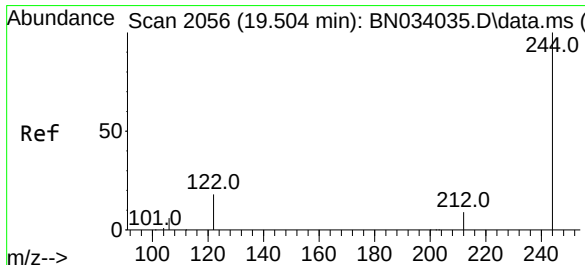
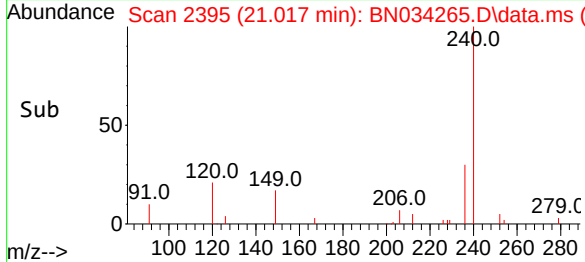
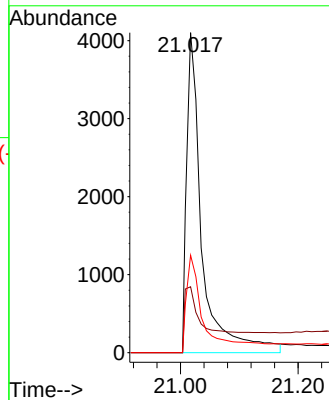
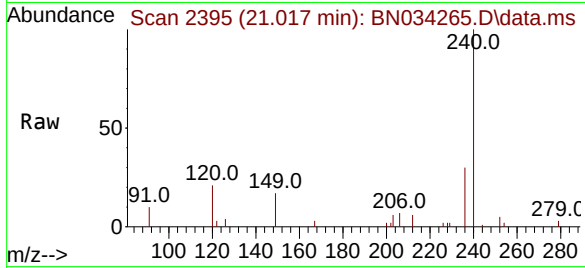
Tgt Ion:240 Resp: 7251

Ion Ratio Lower Upper

240 100

120 20.6 13.5 20.3#

236 30.4 23.4 35.0



#31

Terphenyl-d14

Concen: 0.409 ng

RT: 19.466 min Scan# 2062

Delta R.T. -0.002 min

Lab File: BN034265.D

Acq: 27 Sep 2024 05:32

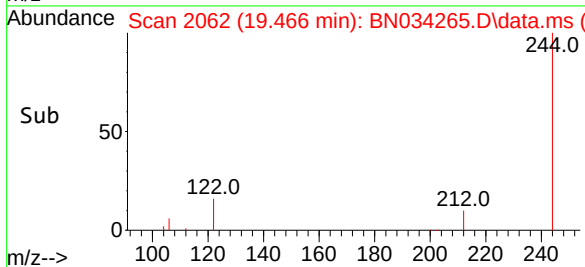
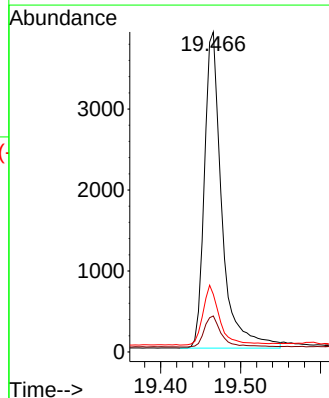
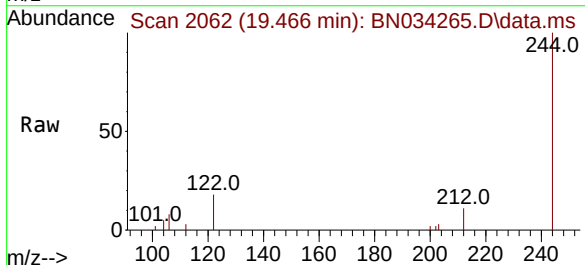
Tgt Ion:244 Resp: 5924

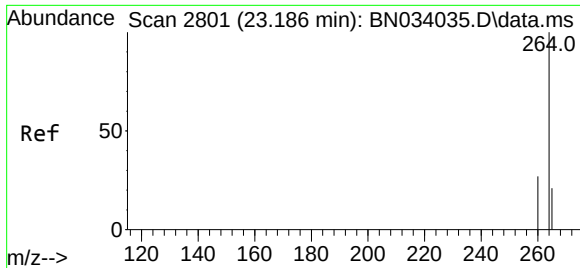
Ion Ratio Lower Upper

244 100

212 11.3 7.8 11.6

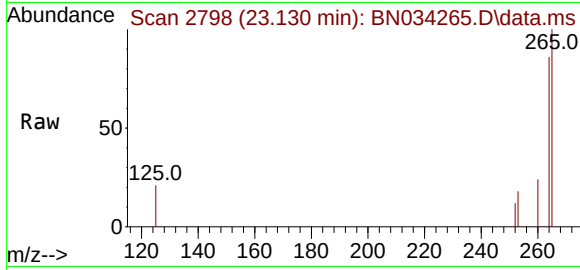
122 18.0 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.130 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BN034265.D
 Acq: 27 Sep 2024 05:32

Instrument :
 BNA_N
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Tgt Ion:264 Resp: 6457
 Ion Ratio Lower Upper
 264 100
 260 27.4 21.7 32.5
 265 115.9 52.1 78.1#

