

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034273.D
 Acq On : 27 Sep 2024 10:25
 Operator : RC/JU
 Sample : P4164-09DL 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 27 10:57:39 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)

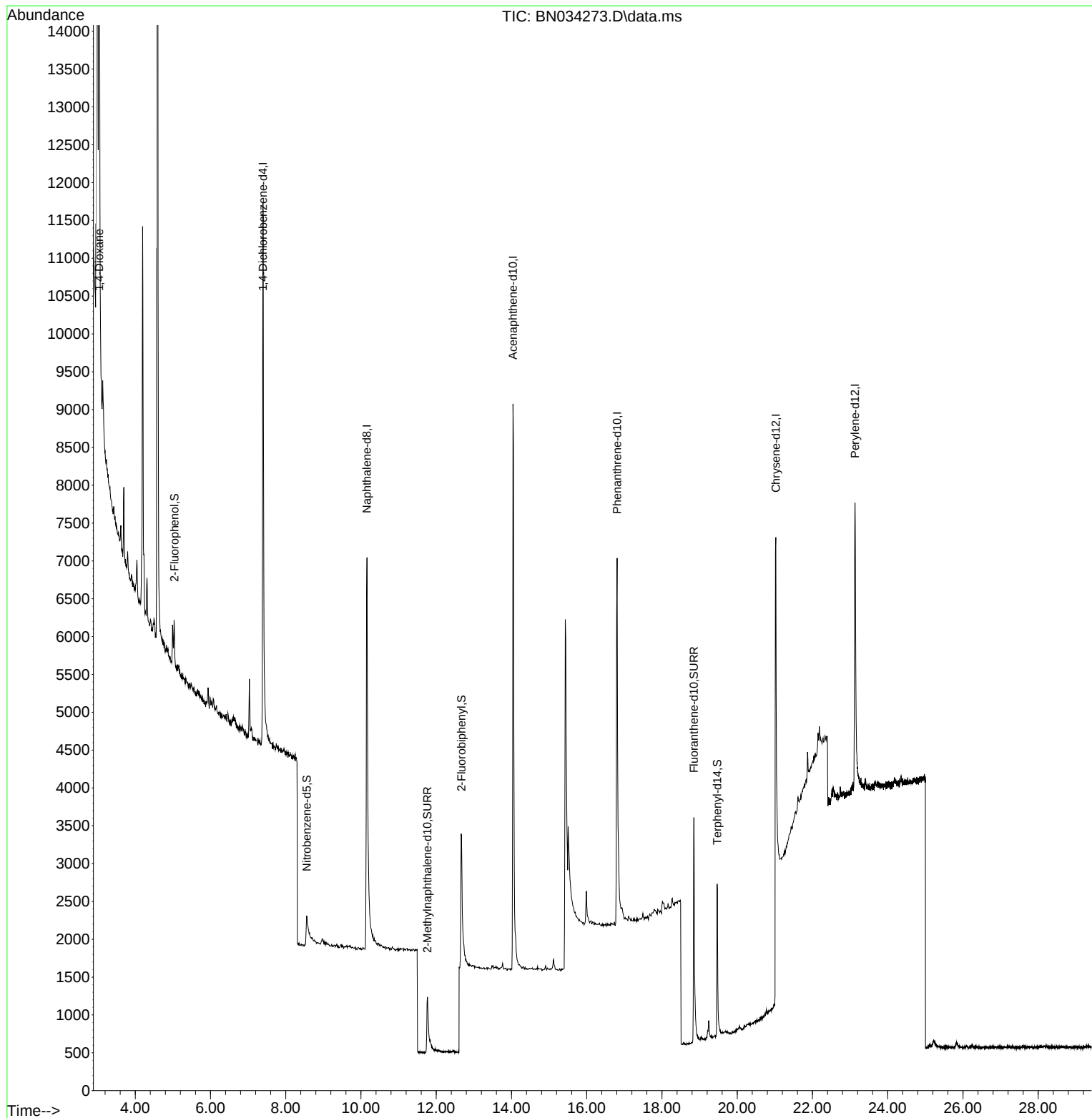
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.394	152	4149	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	11042	0.400	ng	# 0.01
13) Acenaphthene-d10	14.040	164	5804	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	10295	0.400	ng	# 0.00
29) Chrysene-d12	21.026	240	6956	0.400	ng	0.01
35) Perylene-d12	23.130	264	6520	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	466	0.040	ng	0.00
5) Phenol-d6	6.614	99	210	0.015	ng	0.01
8) Nitrobenzene-d5	8.557	82	801	0.095	ng	0.02
11) 2-Methylnaphthalene-d10	11.765	152	1933	0.119	ng	0.01
14) 2,4,6-Tribromophenol	15.555	330	44	0.017	ng	0.00
15) 2-Fluorobiphenyl	12.672	172	3091	0.131	ng	0.01
27) Fluoranthene-d10	18.848	212	4201	0.162	ng	0.00
31) Terphenyl-d14	19.470	244	2611	0.188	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.039	88	19403	3.741	ng	# 85

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

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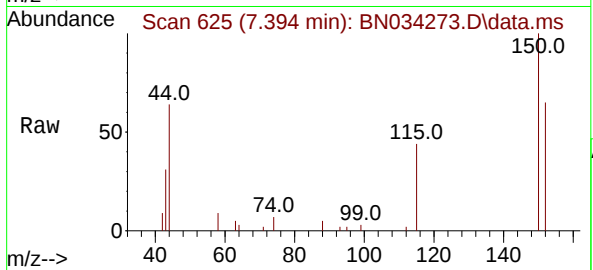
Quant Time: Sep 27 10:57:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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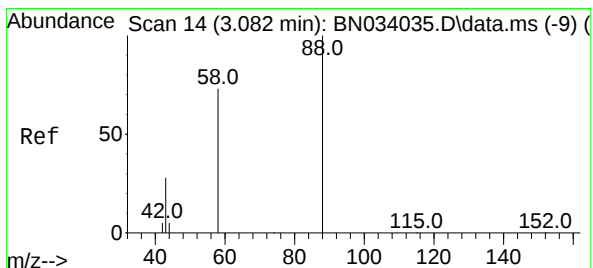
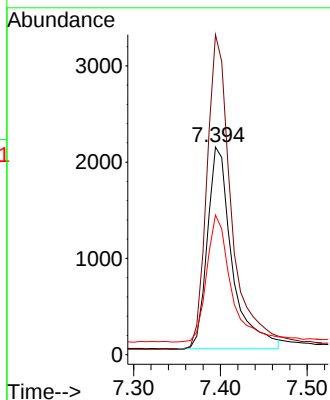
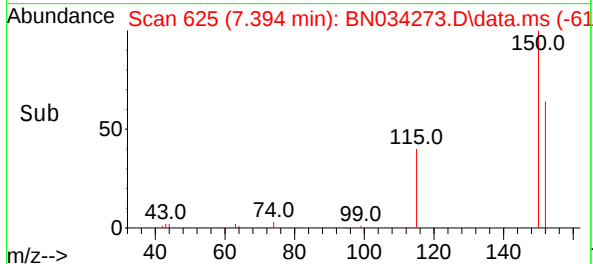


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.394 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

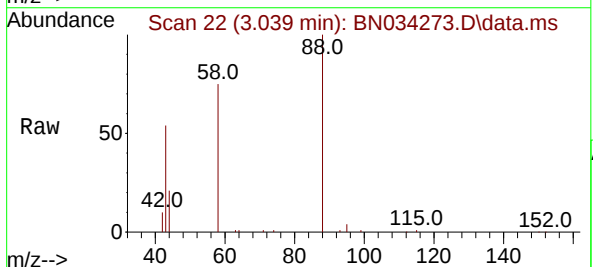
Instrument :
BNA_N
ClientSampleId :



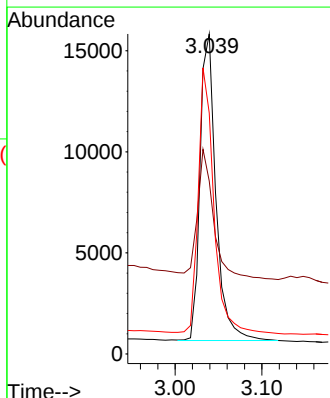
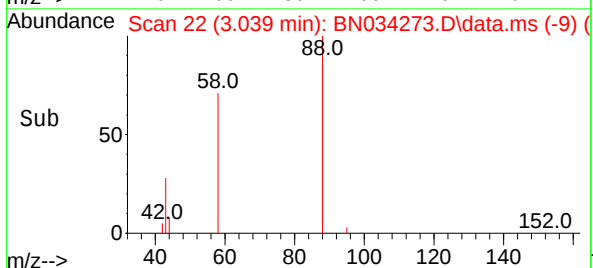
Tgt Ion:152 Resp: 4149
Ion Ratio Lower Upper
152 100
150 154.1 124.6 187.0
115 67.2 50.0 75.0



#2
1,4-Dioxane
Concen: 3.741 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25



Tgt Ion: 88 Resp: 19403
Ion Ratio Lower Upper
88 100
43 43.2 25.8 38.8#
58 84.7 58.8 88.2

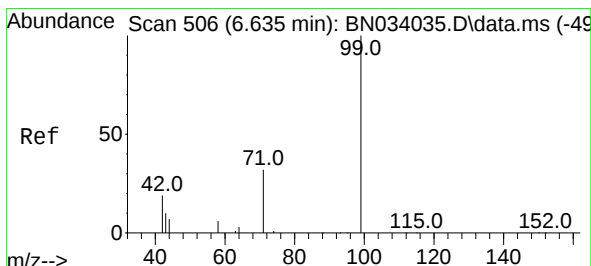
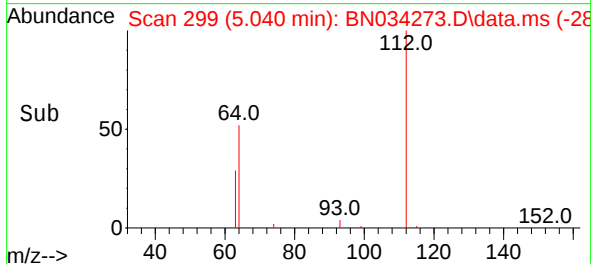
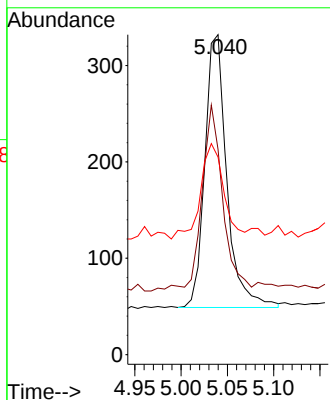
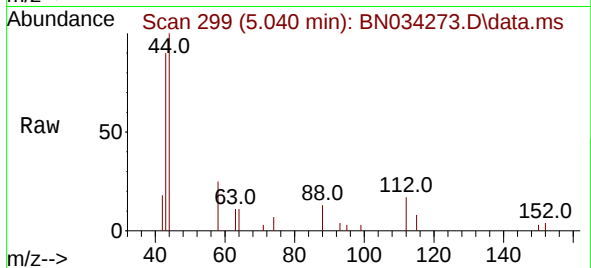




#4
2-Fluorophenol
Concen: 0.040 ng
RT: 5.040 min Scan# 20
Delta R.T. 0.007 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

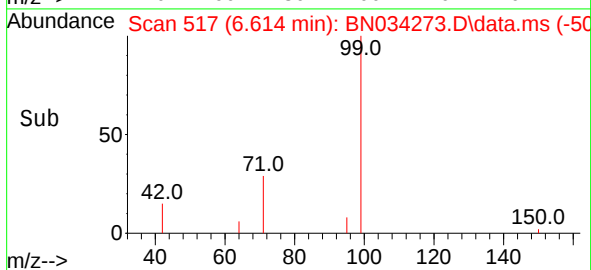
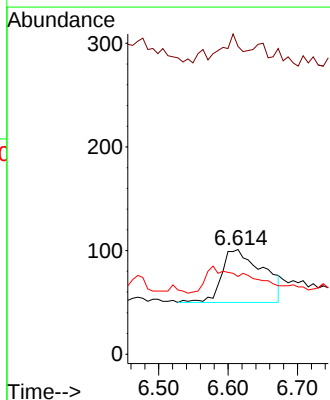
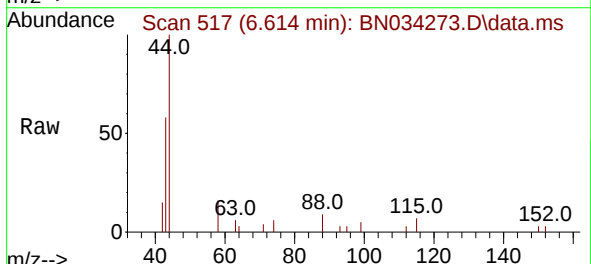
Instrument :
BNA_N
ClientSampleId :

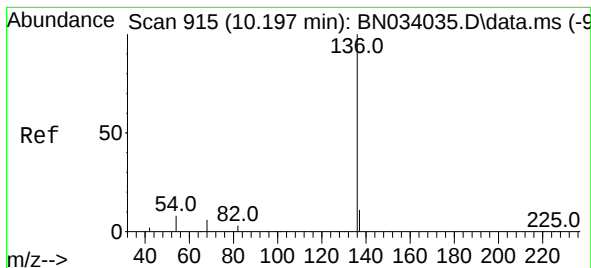
Tgt Ion:112 Resp: 466
Ion Ratio Lower Upper
112 100
64 65.0 48.6 72.8
63 37.1 25.6 38.4



#5
Phenol-d6
Concen: 0.015 ng
RT: 6.614 min Scan# 517
Delta R.T. 0.014 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

Tgt Ion: 99 Resp: 210
Ion Ratio Lower Upper
99 100
42 18.6 17.8 26.8
71 0.0 26.2 39.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.159 min Scan# 91

Delta R.T. 0.011 min

Lab File: BN034273.D

Acq: 27 Sep 2024 10:25

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:136 Resp: 11042

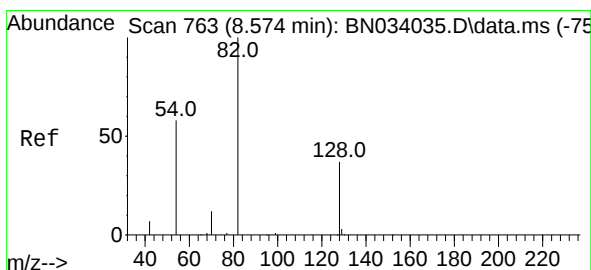
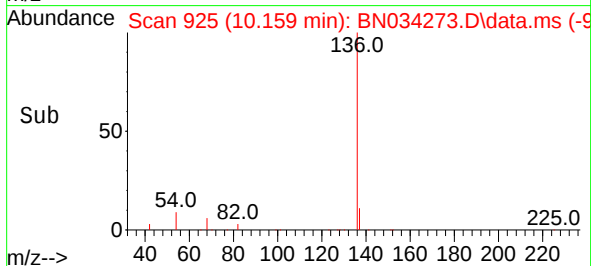
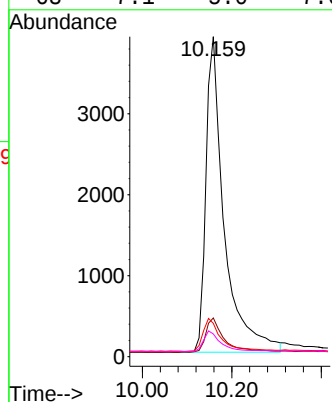
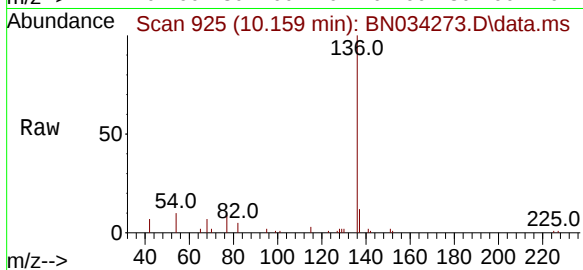
Ion Ratio Lower Upper

136 100

137 12.1 9.0 13.6

54 10.4 6.8 10.2#

68 7.1 5.0 7.6



#8

Nitrobenzene-d5

Concen: 0.095 ng

RT: 8.557 min Scan# 775

Delta R.T. 0.021 min

Lab File: BN034273.D

Acq: 27 Sep 2024 10:25

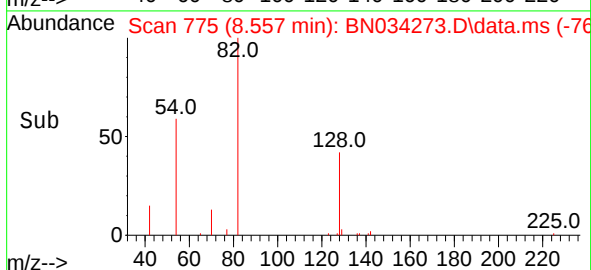
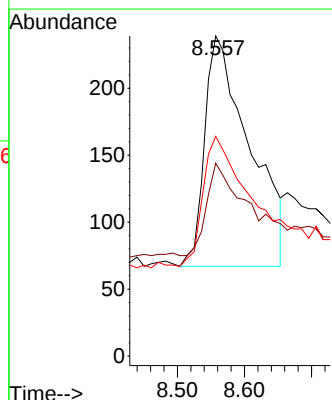
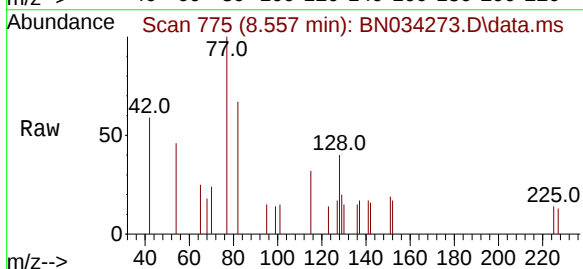
Tgt Ion: 82 Resp: 801

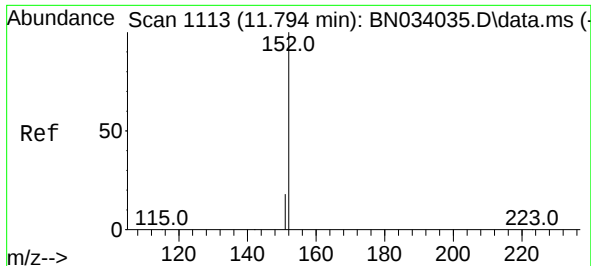
Ion Ratio Lower Upper

82 100

128 60.3 31.4 47.2#

54 68.6 47.4 71.0

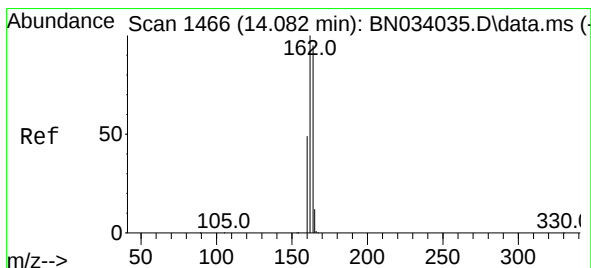
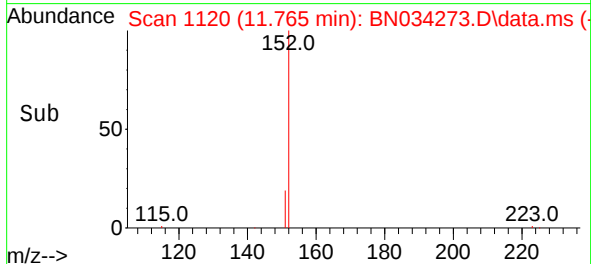
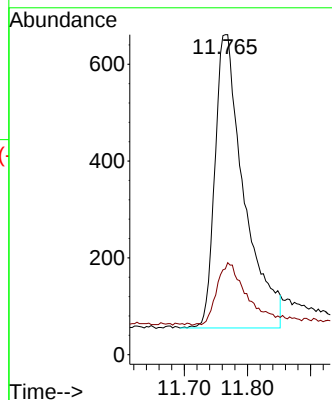
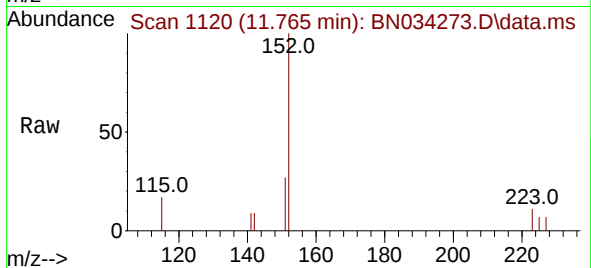




#11
2-Methylnaphthalene-d10
Concen: 0.119 ng
RT: 11.765 min Scan# 1113
Delta R.T. 0.011 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

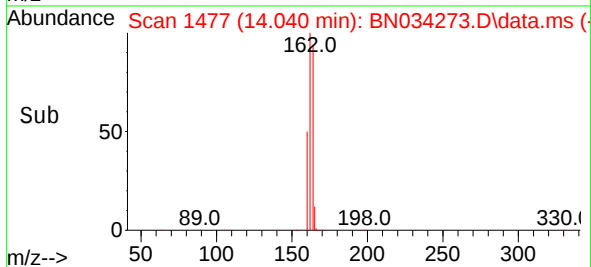
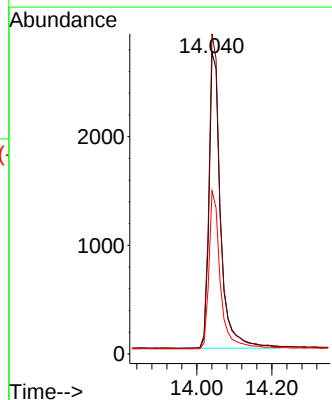
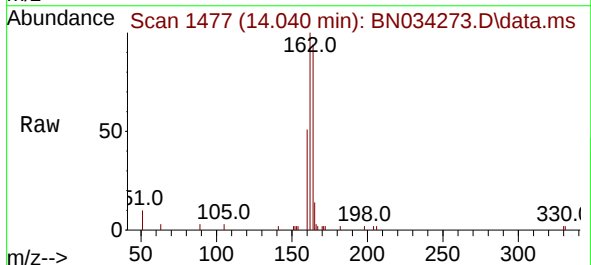
Instrument :
BNA_N
ClientSampleId :

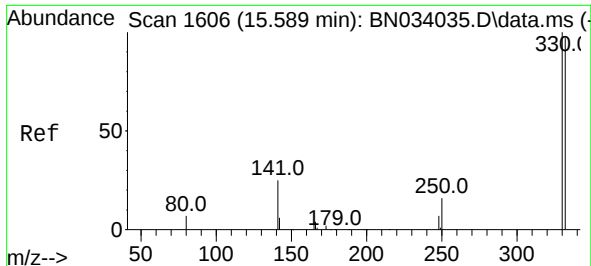
Tgt Ion:152 Resp: 1933
Ion Ratio Lower Upper
152 100
151 22.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.040 min Scan# 1477
Delta R.T. -0.007 min
Lab File: BN034273.D
Acq: 27 Sep 2024 10:25

Tgt Ion:164 Resp: 5804
Ion Ratio Lower Upper
164 100
162 106.2 84.2 126.2
160 54.1 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.017 ng

RT: 15.555 min Scan# 1

Delta R.T. 0.006 min

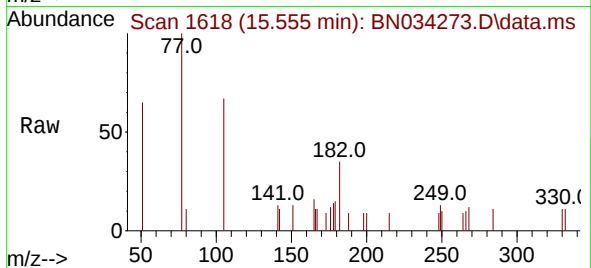
Lab File: BN034273.D

Acq: 27 Sep 2024 10:25

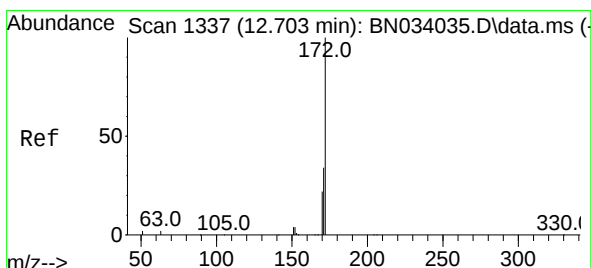
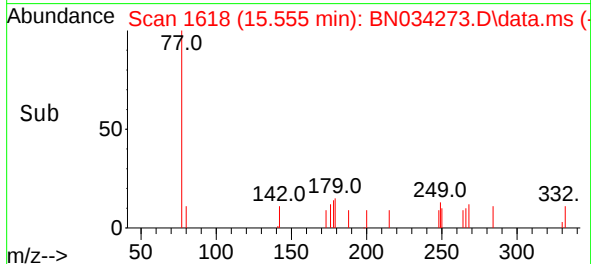
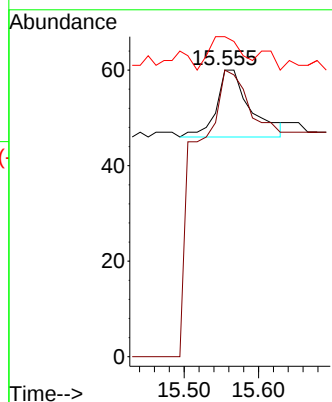
Instrument :

BNA_N

ClientSampleId :



Tgt Ion:	330	Resp:	44
Ion Ratio	Lower	Upper	
330	100		
332	918.2	77.4	116.0#
141	47.7	35.9	53.9



#15

2-Fluorobiphenyl

Concen: 0.131 ng

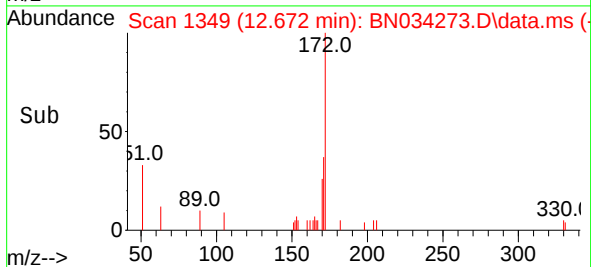
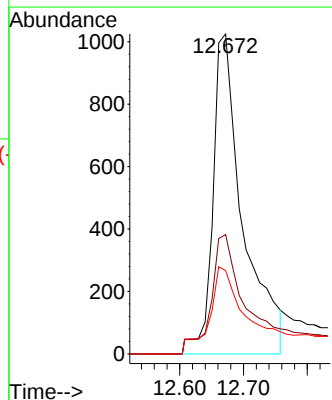
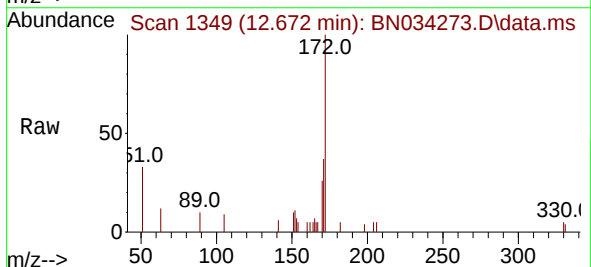
RT: 12.672 min Scan# 1349

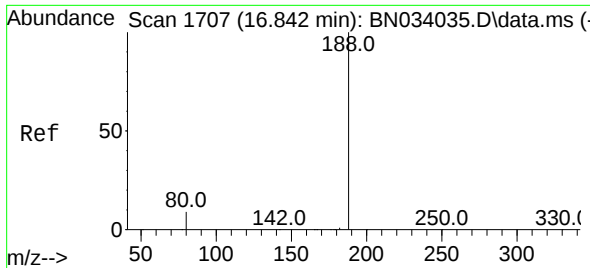
Delta R.T. 0.015 min

Lab File: BN034273.D

Acq: 27 Sep 2024 10:25

Tgt Ion:	172	Resp:	3091
Ion Ratio	Lower	Upper	
172	100		
171	37.3	27.3	40.9
170	26.0	18.1	27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.808 min Scan# 11

Delta R.T. 0.006 min

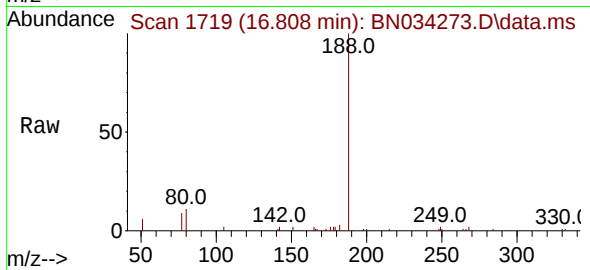
Lab File: BN034273.D

Acq: 27 Sep 2024 10:25

Instrument :

BNA_N

ClientSampleId :



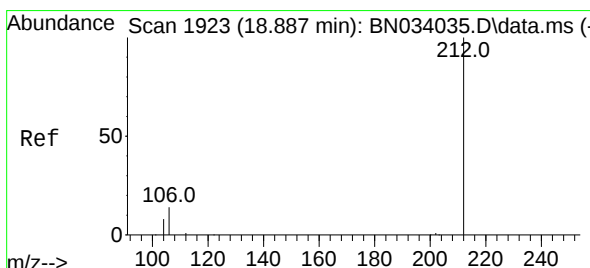
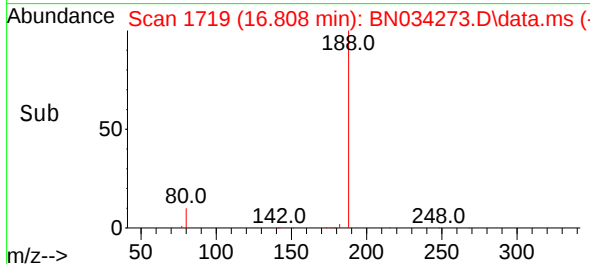
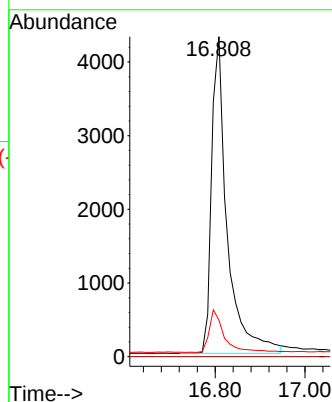
Tgt Ion:188 Resp: 10295

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 7.4 11.0#



#27

Fluoranthene-d10

Concen: 0.162 ng

RT: 18.848 min Scan# 1929

Delta R.T. 0.002 min

Lab File: BN034273.D

Acq: 27 Sep 2024 10:25

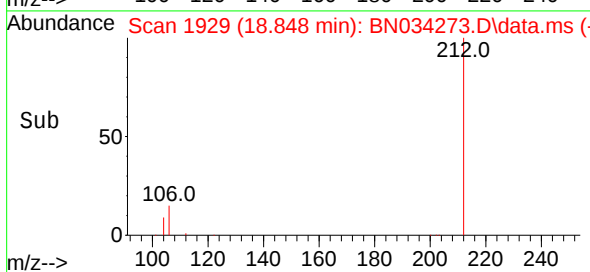
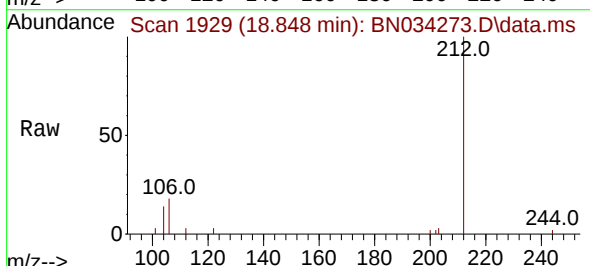
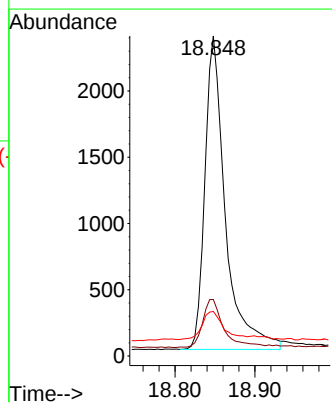
Tgt Ion:212 Resp: 4201

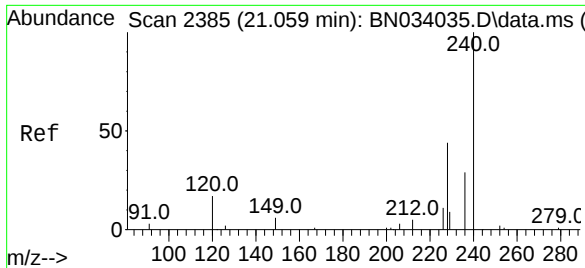
Ion Ratio Lower Upper

212 100

106 15.8 13.4 20.2

104 9.2 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.026 min Scan# 24

Delta R.T. 0.011 min

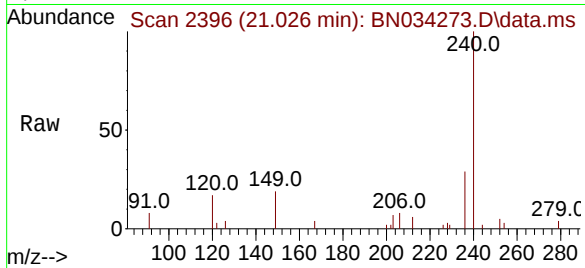
Lab File: BN034273.D

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BNA_N

ClientSampleId :



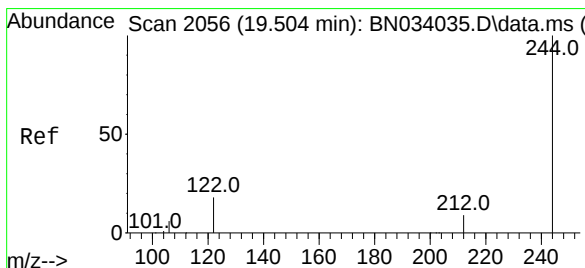
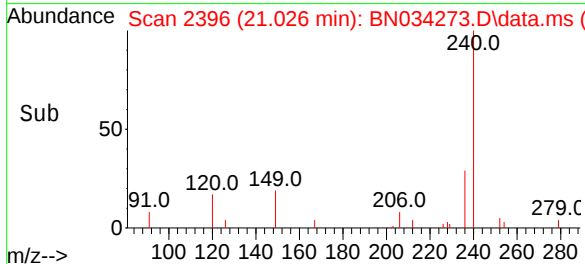
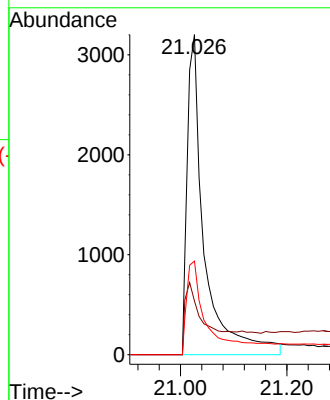
Tgt Ion:240 Resp: 6956

Ion Ratio Lower Upper

240 100

120 16.8 13.5 20.3

236 29.3 23.4 35.0



#31

Terphenyl-d14

Concen: 0.188 ng

RT: 19.470 min Scan# 2063

Delta R.T. 0.002 min

Lab File: BN034273.D

Acq: 27 Sep 2024 10:25

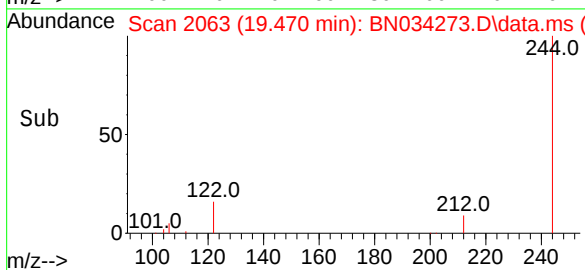
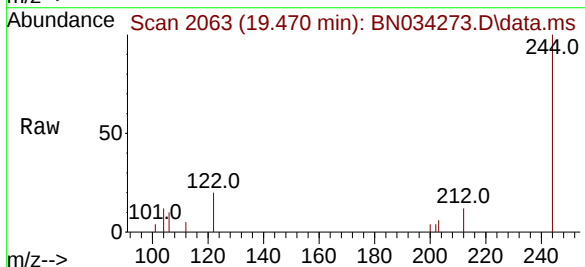
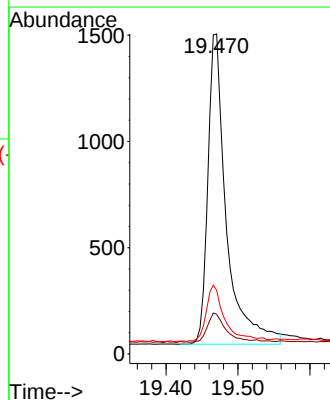
Tgt Ion:244 Resp: 2611

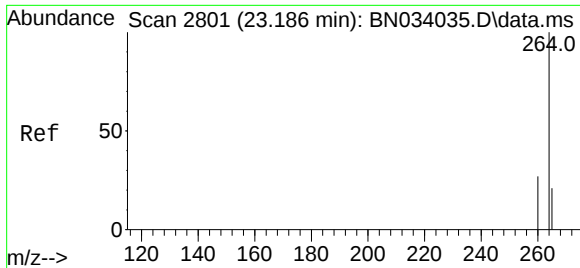
Ion Ratio Lower Upper

244 100

212 12.4 7.8 11.6#

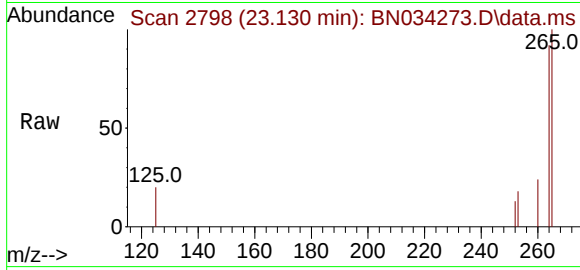
122 19.9 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.130 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BN034273.D
 Acq: 27 Sep 2024 10:25

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 6520
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.7 32.5
 265 109.3 52.1 78.1#

