

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052824\
 Data File : BN031681.D
 Acq On : 28 May 2024 18:20
 Operator : MA/JU
 Sample : PB160989BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB160989BL

Quant Time: May 28 18:51:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	13164	0.400	ng	-0.03
7) Naphthalene-d8	10.475	136	40541	0.400	ng	#-0.02
13) Acenaphthene-d10	14.317	164	19212	0.400	ng	-0.03
19) Phenanthrene-d10	17.066	188	34508	0.400	ng	-0.02
29) Chrysene-d12	21.256	240	22846	0.400	ng	-0.02
35) Perylene-d12	23.490	264	23410	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	11899	0.318	ng	-0.01
5) Phenol-d6	6.859	99	15195	0.302	ng	-0.01
8) Nitrobenzene-d5	8.841	82	12293	0.422	ng	-0.02
11) 2-Methylnaphthalene-d10	12.062	152	20084	0.307	ng	-0.03
14) 2,4,6-Tribromophenol	15.812	330	712	0.098	ng	-0.02
15) 2-Fluorobiphenyl	12.949	172	32042	0.433	ng	-0.03
27) Fluoranthene-d10	19.100	212	26109	0.273	ng	-0.02
31) Terphenyl-d14	19.704	244	21638	0.387	ng	-0.03

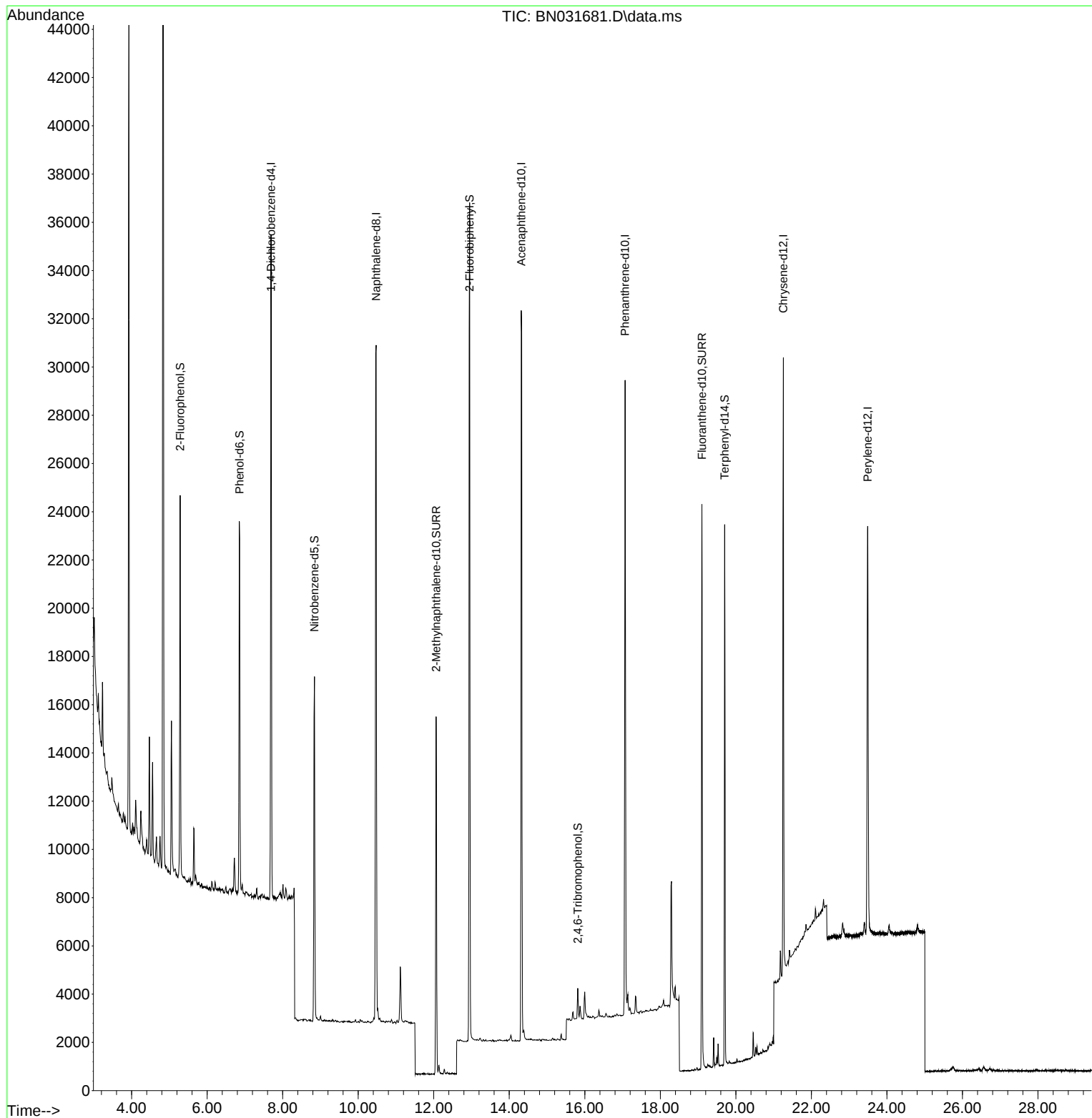
Target Compounds	Qvalue

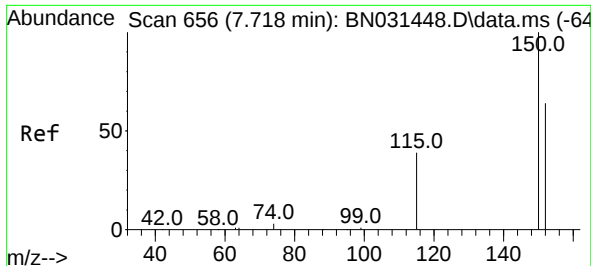
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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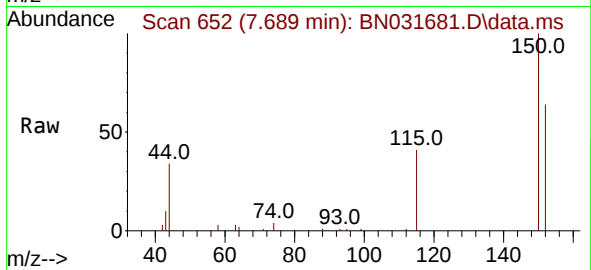
Quant Time: May 28 18:51:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



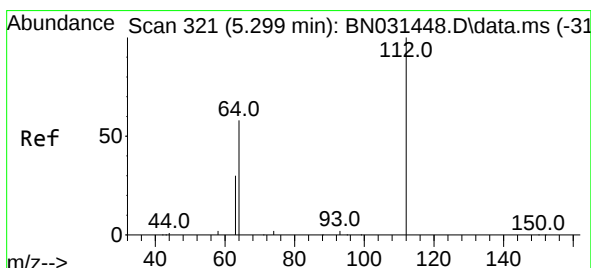
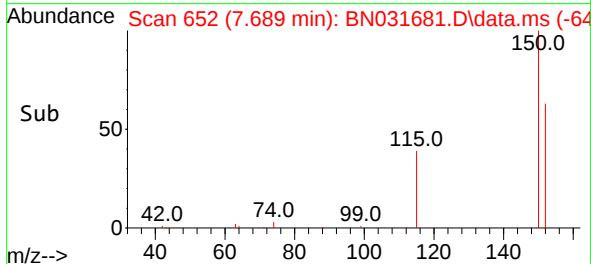
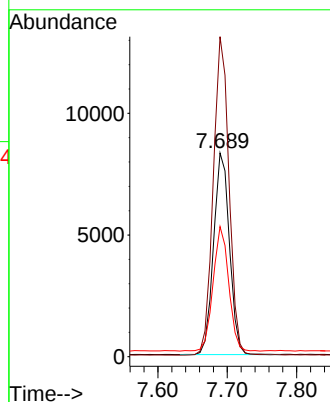


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN031681.D
Acq: 28 May 2024 18:20

Instrument :
BNA_N
ClientSampleId :
PB160989BL

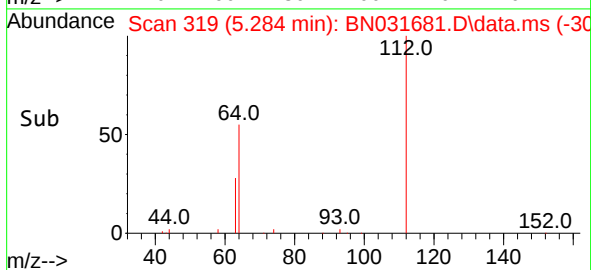
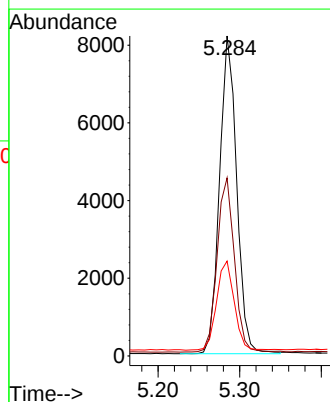
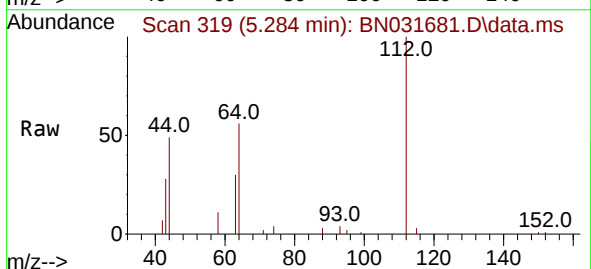


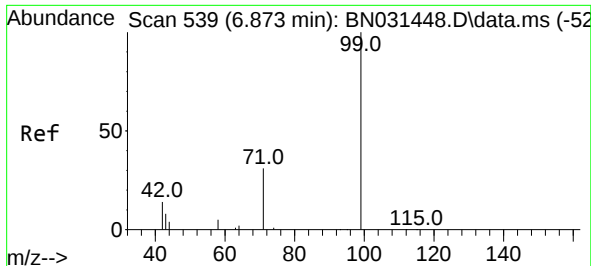
Tgt Ion:152 Resp: 13164
Ion Ratio Lower Upper
152 100
150 157.2 119.3 178.9
115 63.8 54.8 82.2



#4
2-Fluorophenol
Concen: 0.318 ng
RT: 5.284 min Scan# 319
Delta R.T. -0.014 min
Lab File: BN031681.D
Acq: 28 May 2024 18:20

Tgt Ion:112 Resp: 11899
Ion Ratio Lower Upper
112 100
64 55.4 44.0 66.0
63 29.0 22.2 33.4

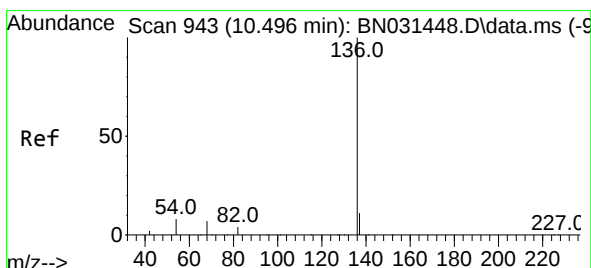
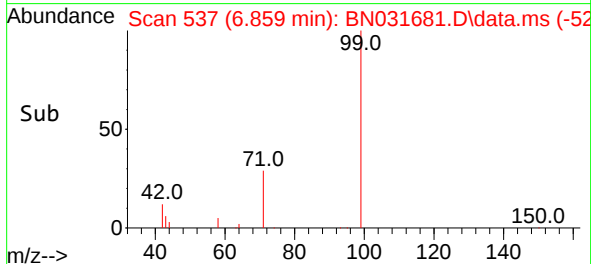
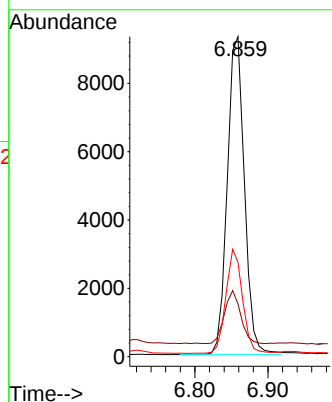
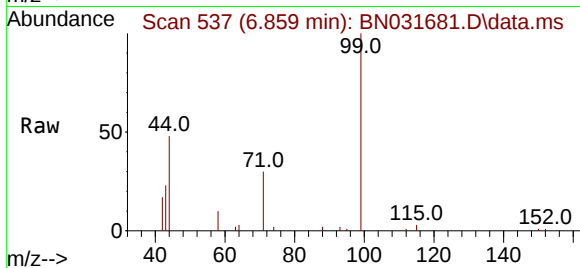




#5
Phenol-d6
Concen: 0.302 ng
RT: 6.859 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN031681.D
Acq: 28 May 2024 18:20

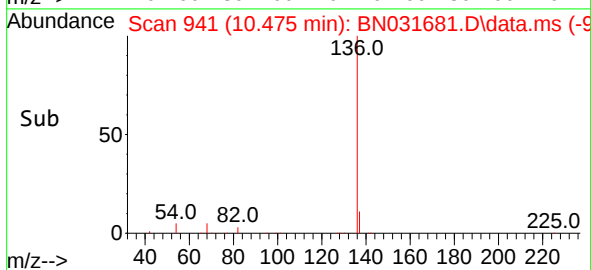
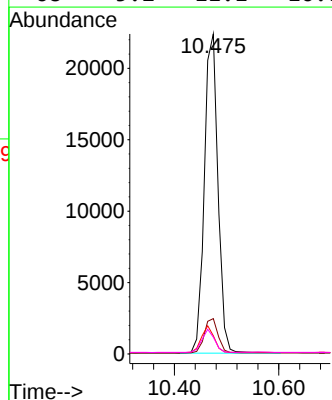
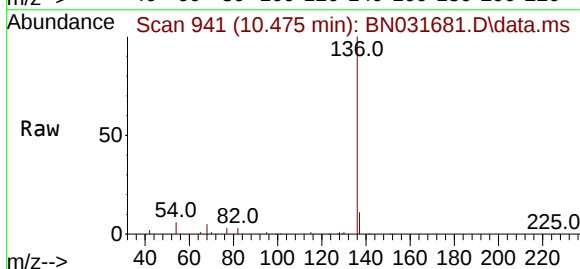
Instrument :
BNA_N
ClientSampleId :
PB160989BL

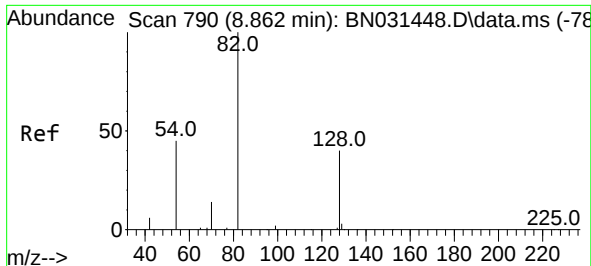
Tgt Ion: 99 Resp: 15195
Ion Ratio Lower Upper
99 100
42 15.7 13.5 20.3
71 31.8 26.1 39.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.475 min Scan# 941
Delta R.T. -0.021 min
Lab File: BN031681.D
Acq: 28 May 2024 18:20

Tgt Ion: 136 Resp: 40541
Ion Ratio Lower Upper
136 100
137 11.0 10.1 15.1
54 5.7 10.5 15.7#
68 5.2 11.1 16.7#

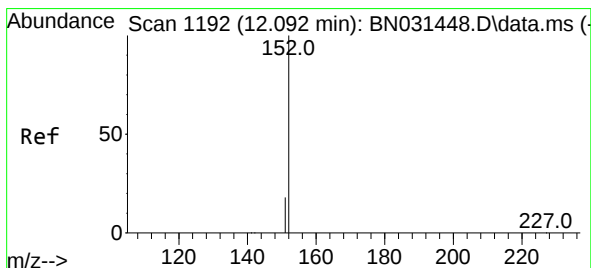
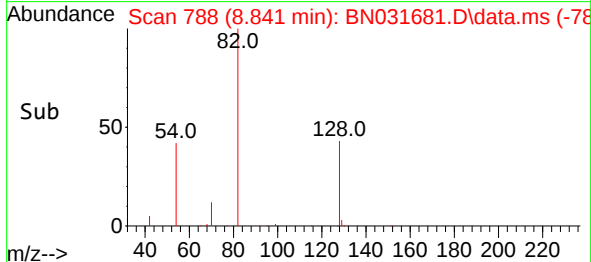
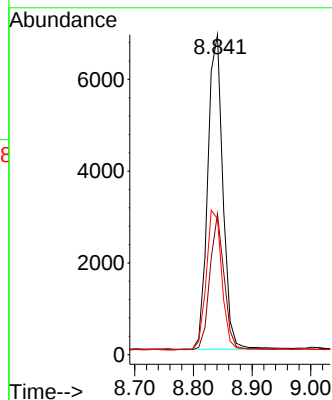
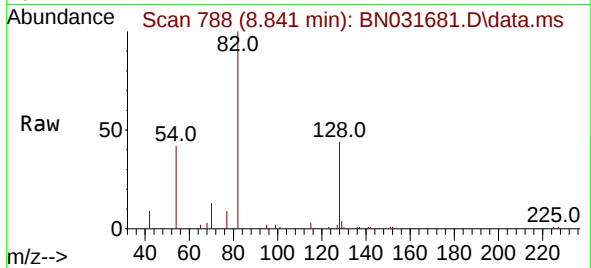




#8
Nitrobenzene-d5
Concen: 0.422 ng
RT: 8.841 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN031681.D
Acq: 28 May 2024 18:20

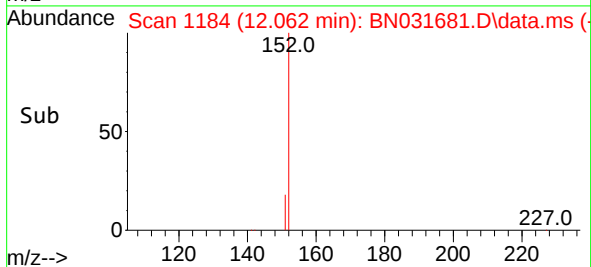
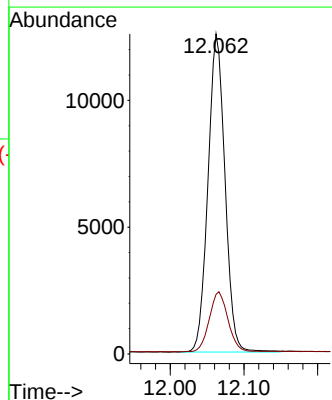
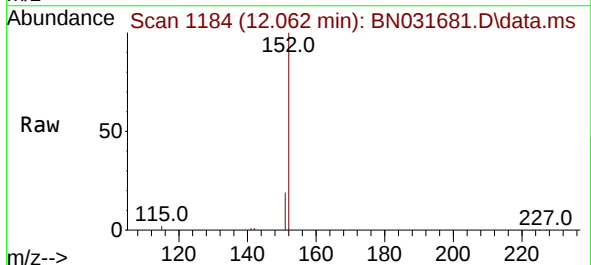
Instrument :
BNA_N
ClientSampleId :
PB160989BL

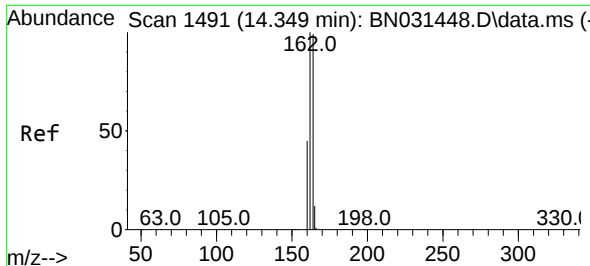
Tgt Ion: 82 Resp: 12293
Ion Ratio Lower Upper
82 100
128 44.0 29.0 43.6#
54 42.4 37.2 55.8



#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.062 min Scan# 1184
Delta R.T. -0.030 min
Lab File: BN031681.D
Acq: 28 May 2024 18:20

Tgt Ion: 152 Resp: 20084
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0

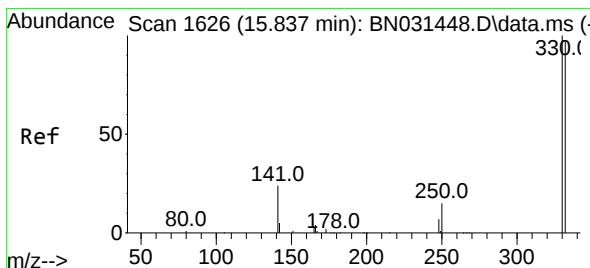
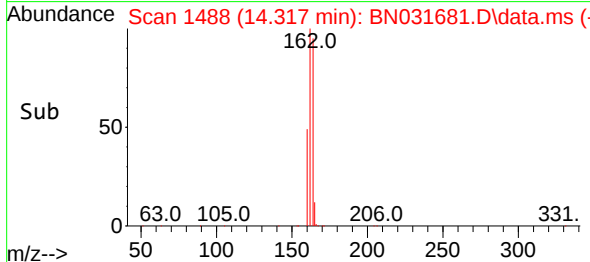
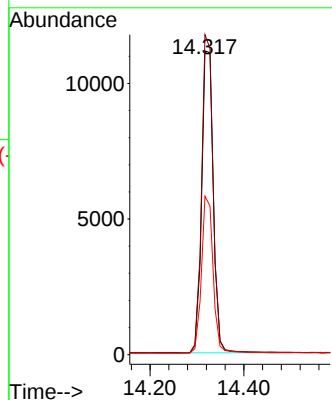
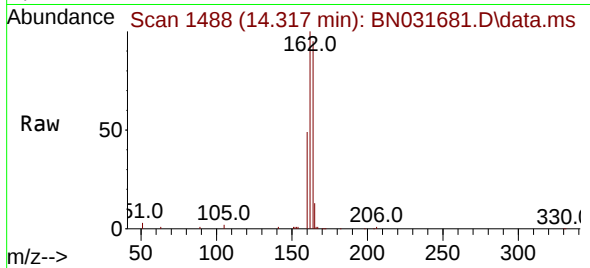




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.317 min Scan# 14
Delta R.T. -0.032 min
Lab File: BN031681.D
Acq: 28 May 2024 18:20

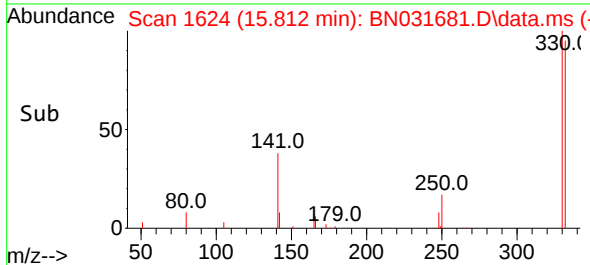
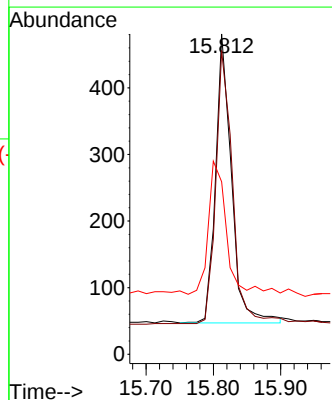
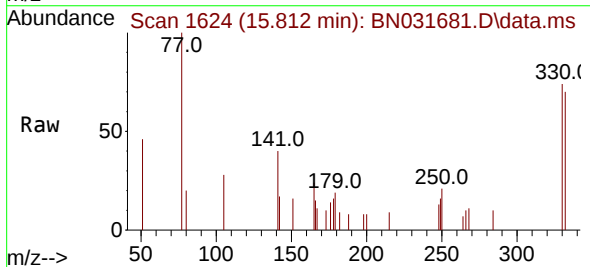
Instrument :
BNA_N
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PB160989BL

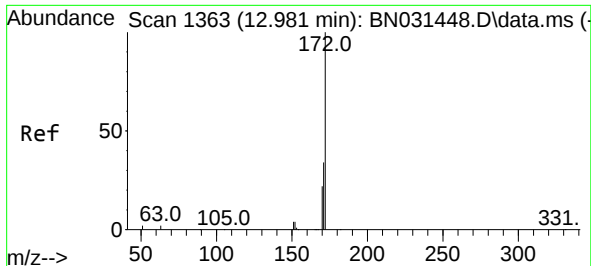
Tgt Ion:164 Resp: 19212
Ion Ratio Lower Upper
164 100
162 105.3 81.2 121.8
160 52.1 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.098 ng
RT: 15.812 min Scan# 1624
Delta R.T. -0.025 min
Lab File: BN031681.D
Acq: 28 May 2024 18:20

Tgt Ion:330 Resp: 712
Ion Ratio Lower Upper
330 100
332 98.6 76.6 114.8
141 52.7 37.0 55.4





#15

2-Fluorobiphenyl

Concen: 0.433 ng

RT: 12.949 min Scan# 11

Delta R.T. -0.032 min

Lab File: BN031681.D

Acq: 28 May 2024 18:20

Instrument :

BNA_N

ClientSampleId :

PB160989BL

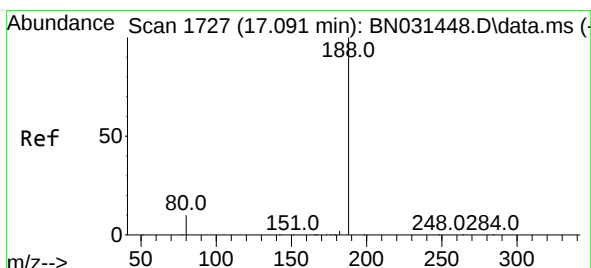
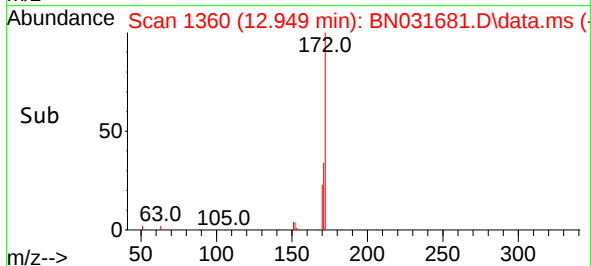
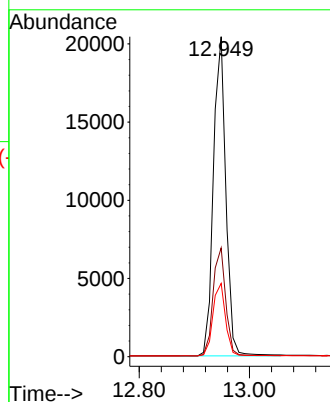
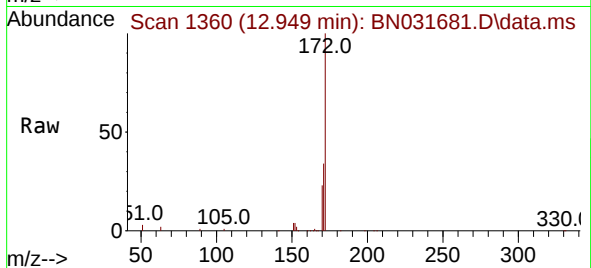
Tgt Ion:172 Resp: 32042

Ion Ratio Lower Upper

172 100

171 34.0 27.8 41.8

170 22.9 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.066 min Scan# 1725

Delta R.T. -0.025 min

Lab File: BN031681.D

Acq: 28 May 2024 18:20

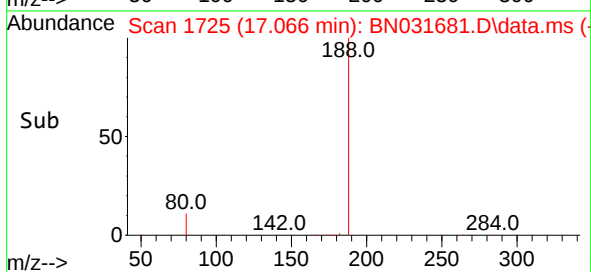
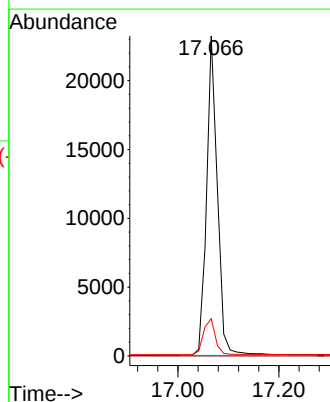
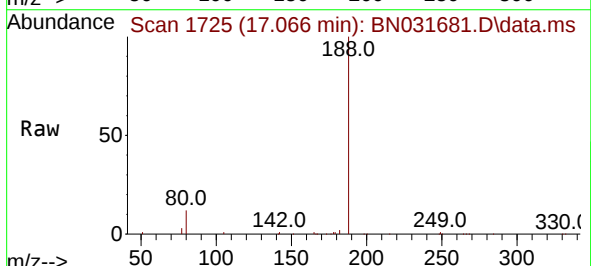
Tgt Ion:188 Resp: 34508

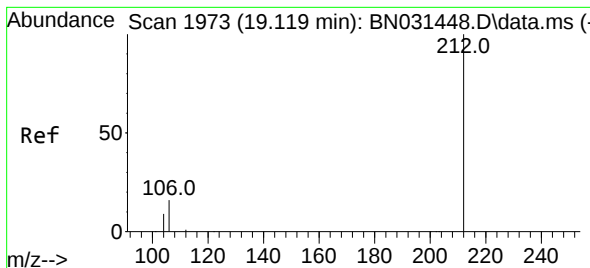
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.6 9.6 14.4





#27

Fluoranthene-d10

Concen: 0.273 ng

RT: 19.100 min Scan# 1969

Delta R.T. -0.019 min

Lab File: BN031681.D

Acq: 28 May 2024 18:20

Instrument :

BNA_N

ClientSampleId :

PB160989BL

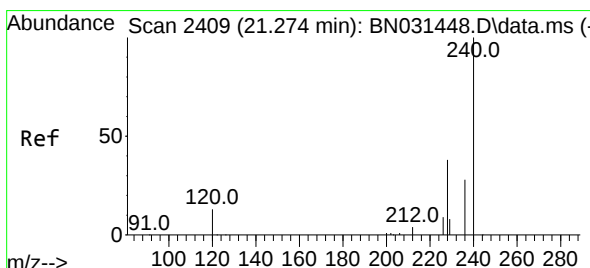
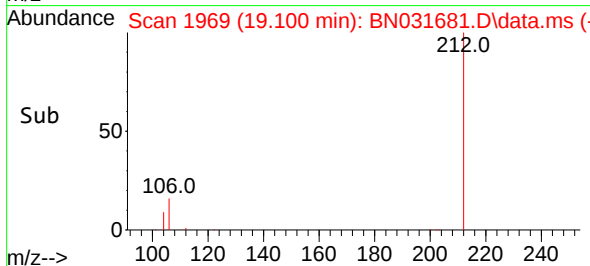
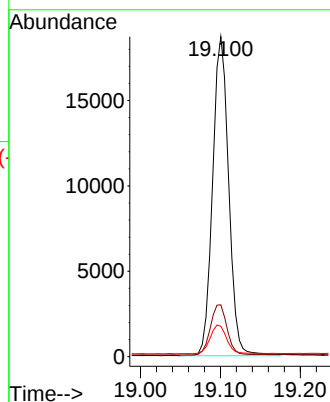
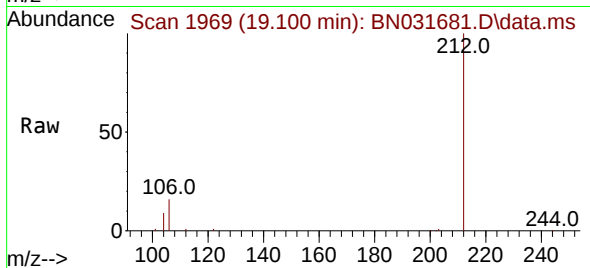
Tgt Ion:212 Resp: 26109

Ion Ratio Lower Upper

212 100

106 16.4 12.0 18.0

104 9.4 6.9 10.3



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.256 min Scan# 2407

Delta R.T. -0.018 min

Lab File: BN031681.D

Acq: 28 May 2024 18:20

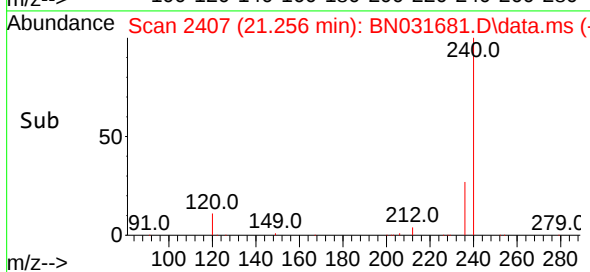
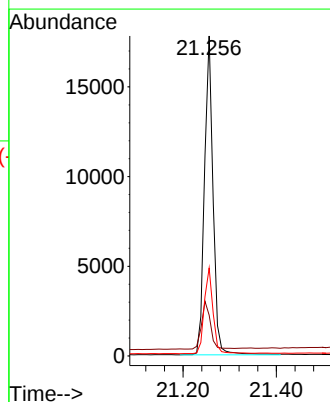
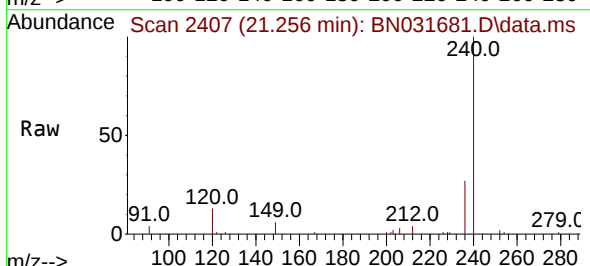
Tgt Ion:240 Resp: 22846

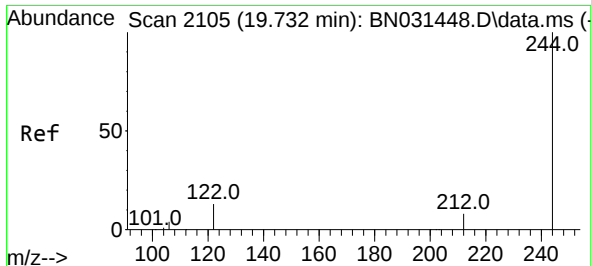
Ion Ratio Lower Upper

240 100

120 12.7 11.4 17.2

236 27.5 22.2 33.4

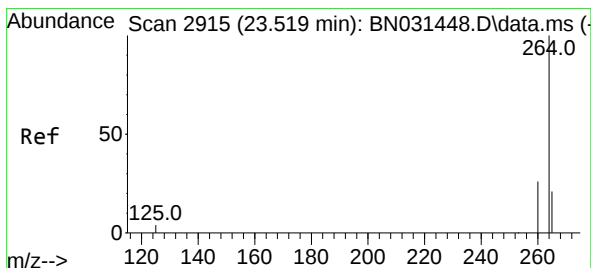
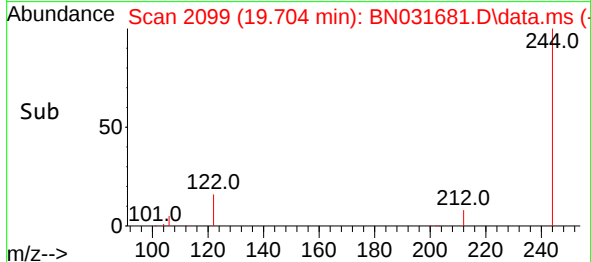
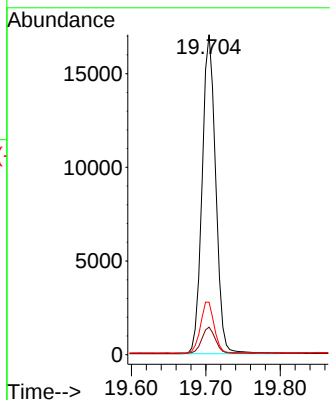
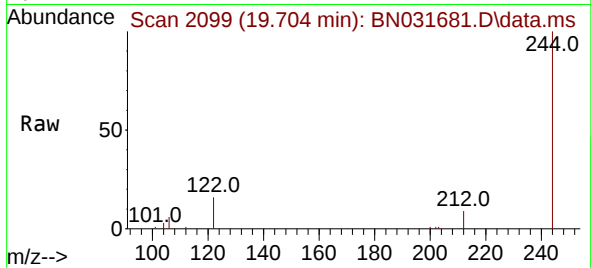




#31
 Terphenyl-d14
 Concen: 0.387 ng
 RT: 19.704 min Scan# 2099
 Delta R.T. -0.028 min
 Lab File: BN031681.D
 Acq: 28 May 2024 18:20

Instrument :
 BNA_N
 ClientSampleId :
 PB160989BL

Tgt Ion:244 Resp: 21638
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.5 9.7
 122 16.4 11.4 17.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.490 min Scan# 2905
 Delta R.T. -0.029 min
 Lab File: BN031681.D
 Acq: 28 May 2024 18:20

Tgt Ion:264 Resp: 23410
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.6 31.0
 265 56.4 24.0 36.0#

