

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032135.D
 Acq On : 21 Jun 2024 17:21
 Operator : MA/JU
 Sample : PB161642BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB161642BL

Quant Time: Jun 21 18:05:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	9047	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	29054	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	19079	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	37007	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	24048	0.400	ng	# 0.00
35) Perylene-d12	23.452	264	23172	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	9107	0.354	ng	0.00
5) Phenol-d6	6.830	99	10208	0.303	ng	0.00
8) Nitrobenzene-d5	8.798	82	7480	0.310	ng	0.00
11) 2-Methylnaphthalene-d10	12.017	152	16030	0.346	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	1779	0.195	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	25762	0.356	ng	0.00
27) Fluoranthene-d10	19.068	212	32034	0.318	ng	0.00
31) Terphenyl-d14	19.672	244	23313	0.397	ng	0.00

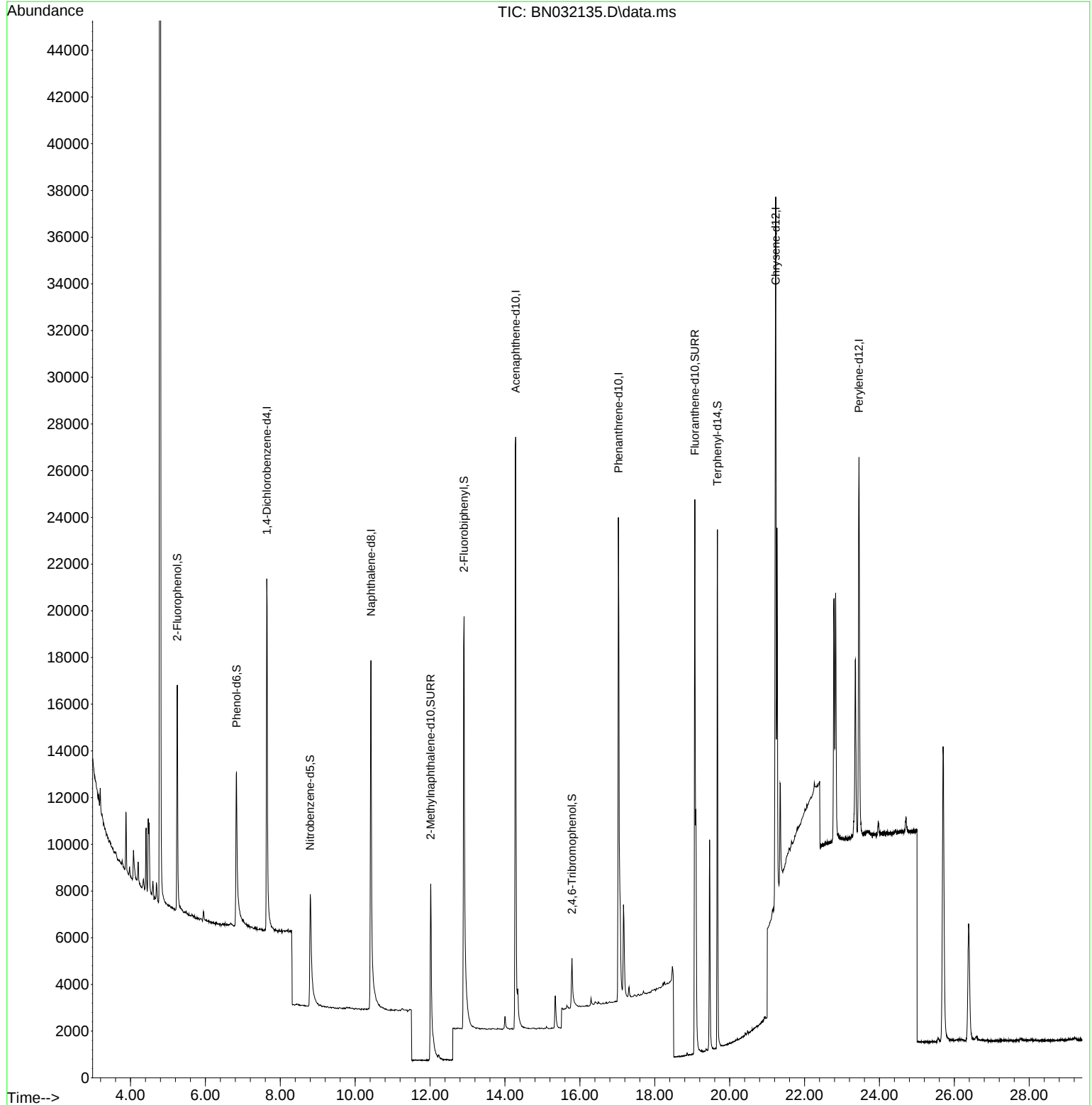
Target Compounds Qvalue

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

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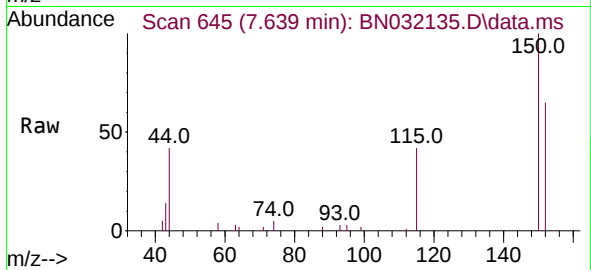
Quant Time: Jun 21 18:05:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
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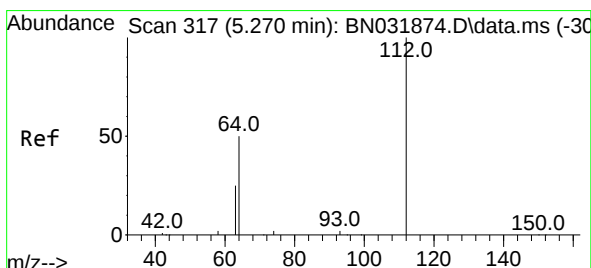
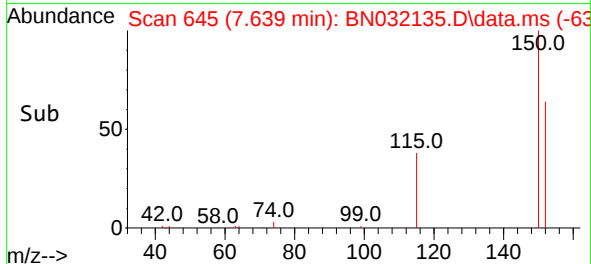
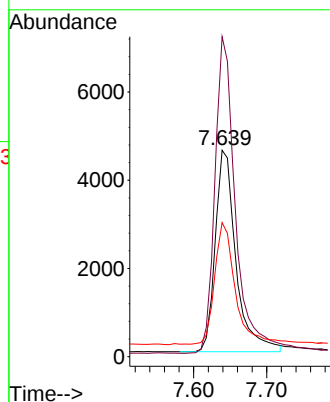


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

Instrument :
BNA_N
ClientSampleId :
PB161642BL

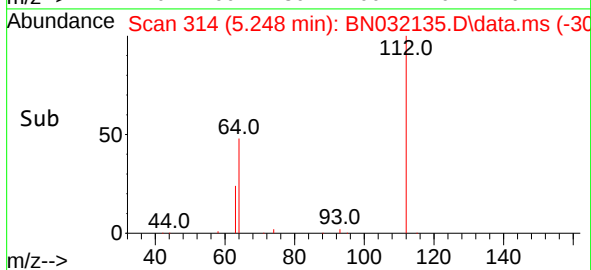
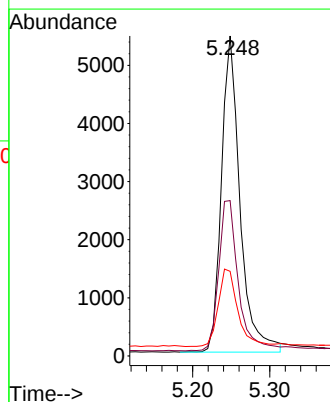
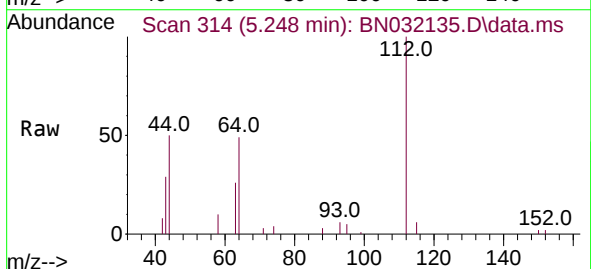


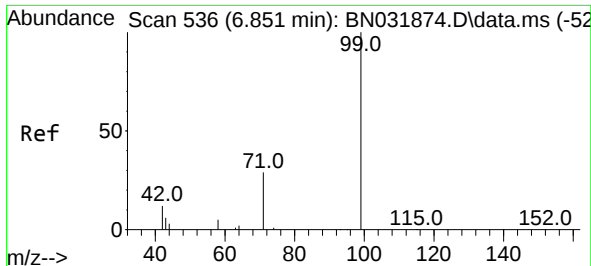
Tgt Ion:152 Resp: 9047
Ion Ratio Lower Upper
152 100
150 155.0 121.0 181.4
115 64.9 49.4 74.0



#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.248 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

Tgt Ion:112 Resp: 9107
Ion Ratio Lower Upper
112 100
64 50.4 42.4 63.6
63 25.9 22.1 33.1

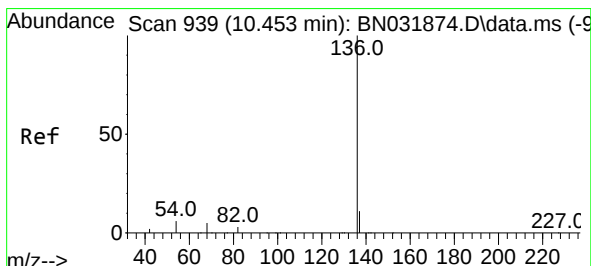
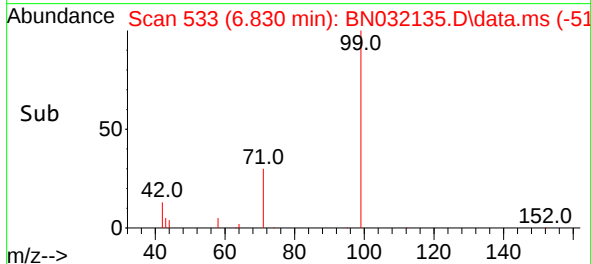
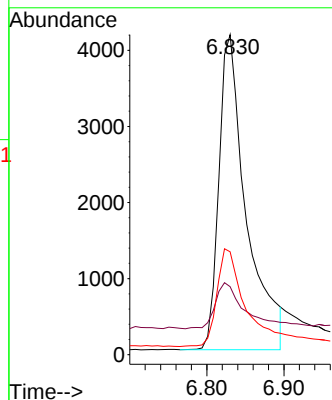
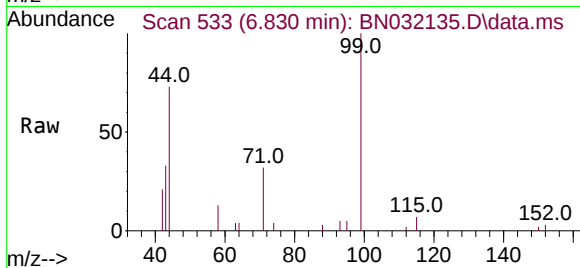




#5
Phenol-d6
Concen: 0.303 ng
RT: 6.830 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

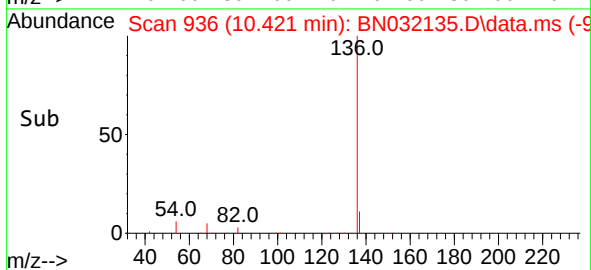
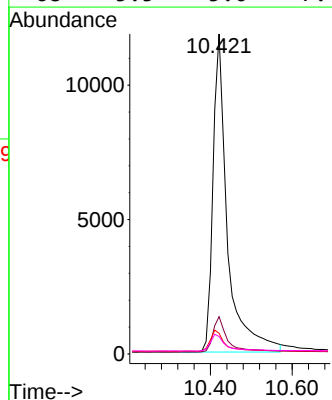
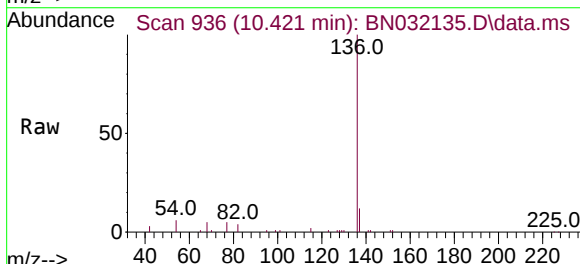
Instrument :
BNA_N
ClientSampleId :
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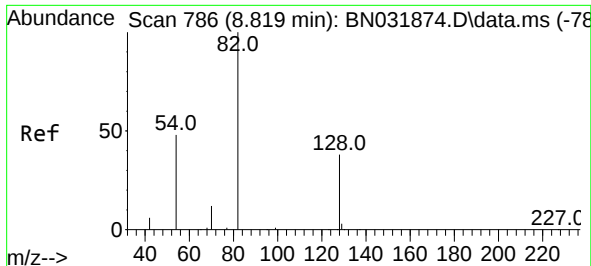
Tgt Ion: 99 Resp: 10208
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 31.9 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

Tgt Ion: 136 Resp: 29054
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 6.4 5.6 8.4
68 5.5 5.0 7.4

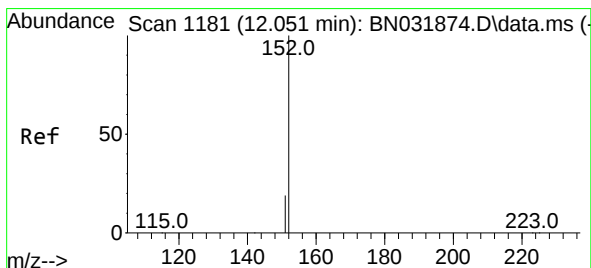
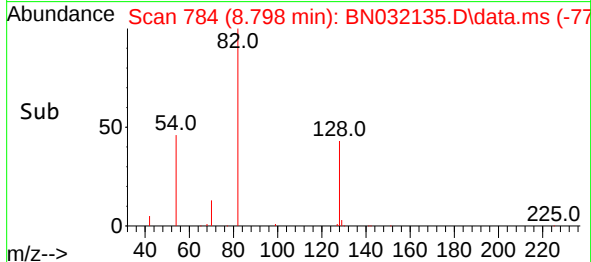
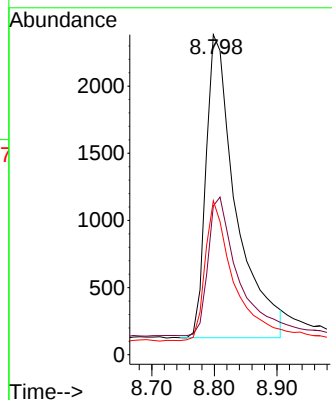
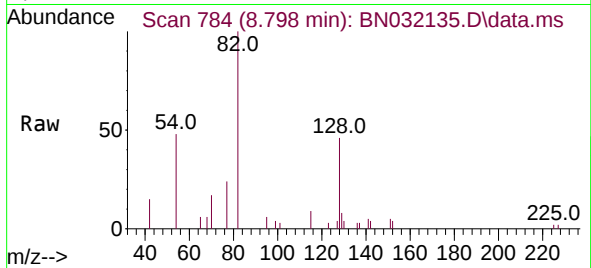




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.798 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

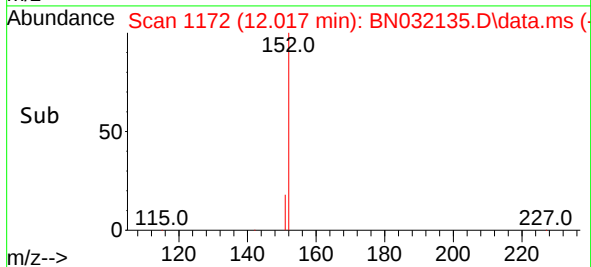
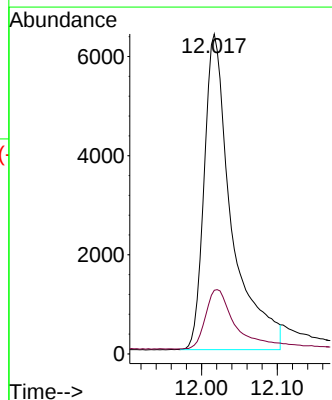
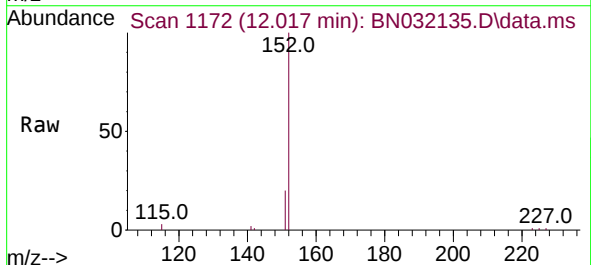
Instrument :
BNA_N
ClientSampleId :
PB161642BL

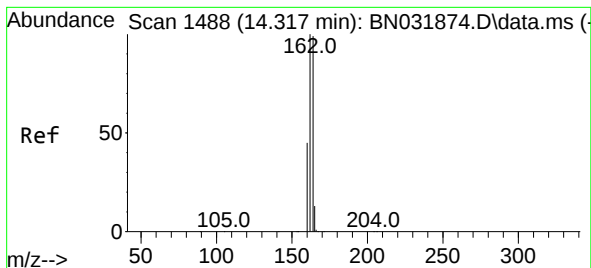
Tgt Ion: 82 Resp: 7480
Ion Ratio Lower Upper
82 100
128 46.5 32.1 48.1
54 48.1 39.7 59.5



#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.017 min Scan# 1172
Delta R.T. -0.004 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

Tgt Ion: 152 Resp: 16030
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.285 min Scan# 1488

Delta R.T. 0.000 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

Instrument :

BNA_N

ClientSampleId :

PB161642BL

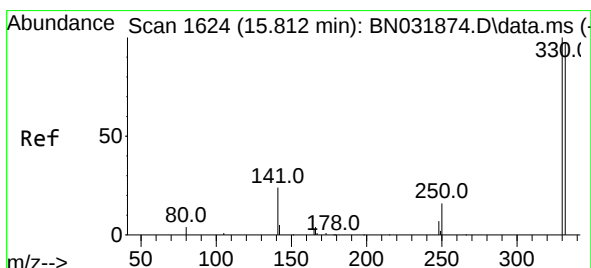
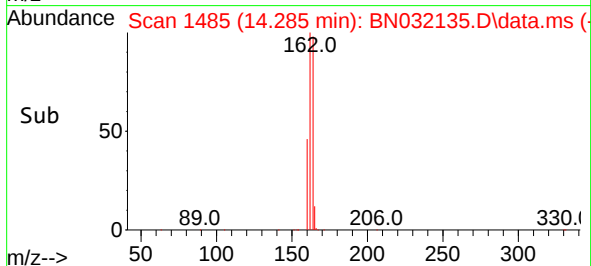
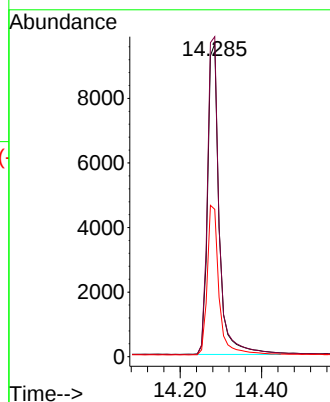
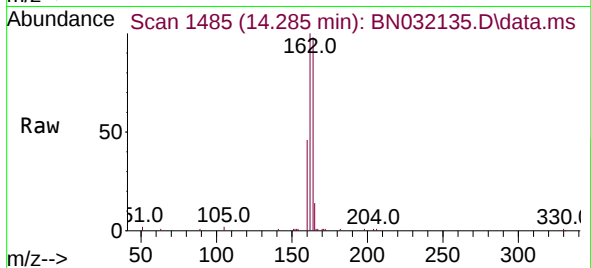
Tgt Ion:164 Resp: 19079

Ion Ratio Lower Upper

164 100

162 102.2 80.7 121.1

160 47.1 36.2 54.4



#14

2,4,6-Tribromophenol

Concen: 0.195 ng

RT: 15.787 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

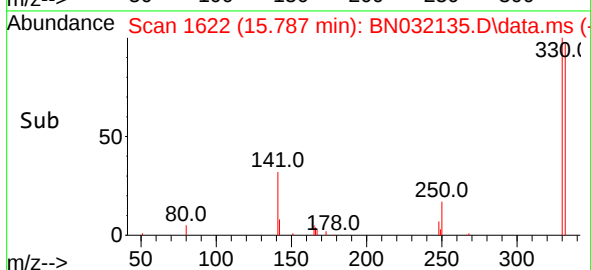
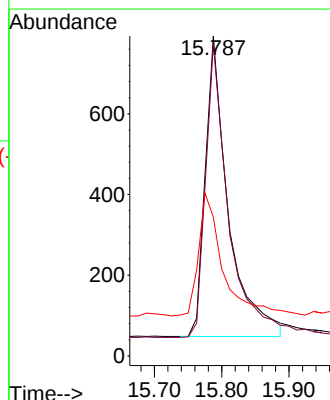
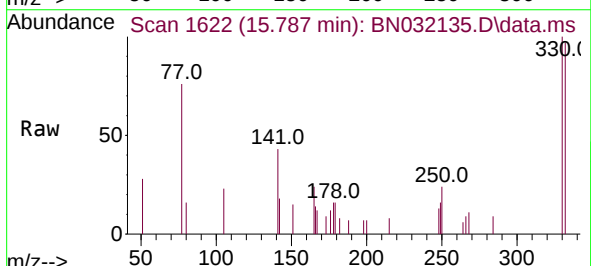
Tgt Ion:330 Resp: 1779

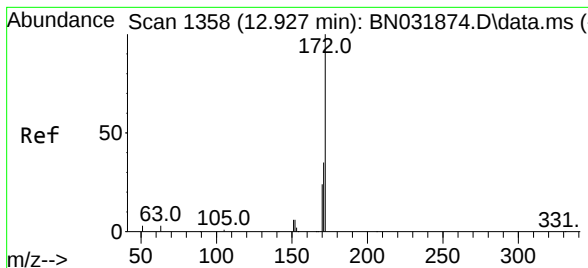
Ion Ratio Lower Upper

330 100

332 96.9 77.5 116.3

141 42.4 34.7 52.1





#15

2-Fluorobiphenyl

Concen: 0.356 ng

RT: 12.906 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

Instrument :

BNA_N

ClientSampleId :

PB161642BL

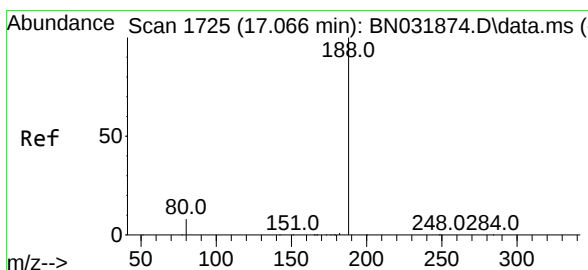
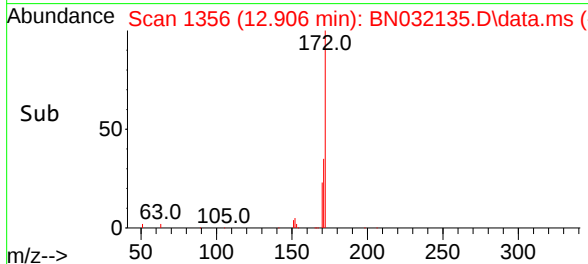
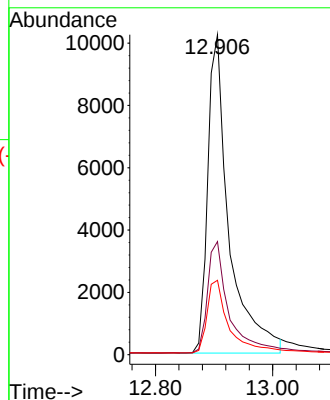
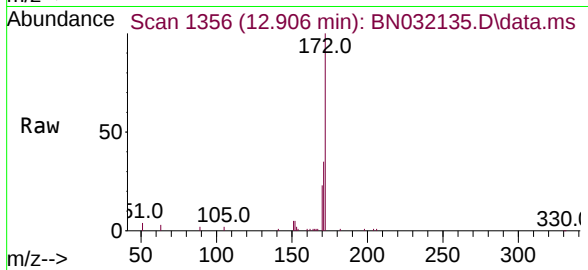
Tgt Ion:172 Resp: 25762

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.2 19.2 28.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.029 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BN032135.D

Acq: 21 Jun 2024 17:21

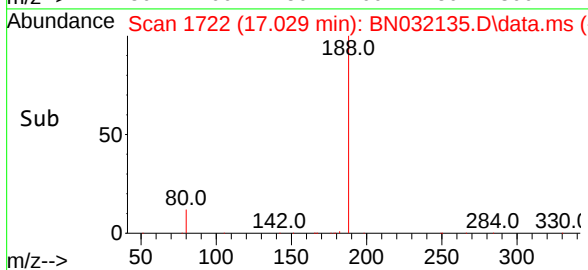
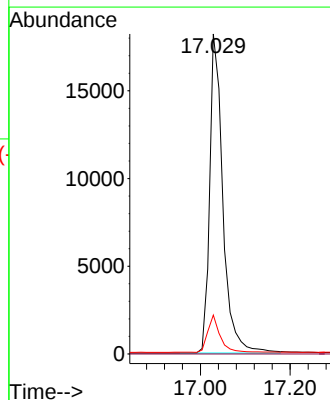
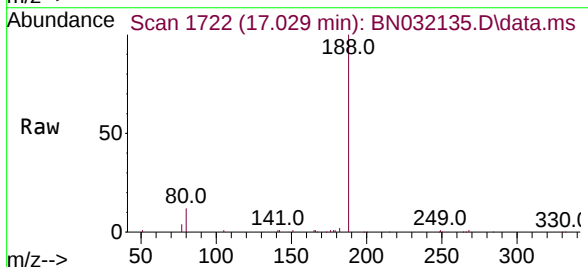
Tgt Ion:188 Resp: 37007

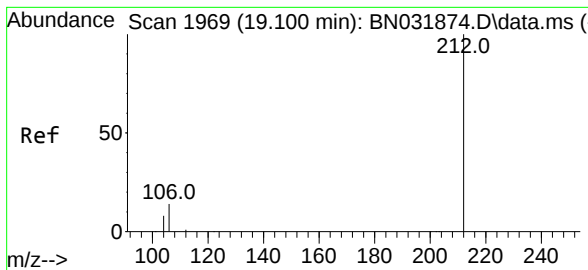
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

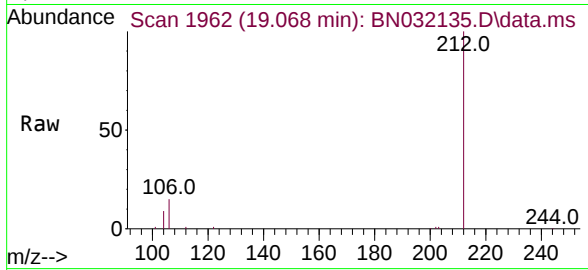
80 12.2 6.4 9.6#



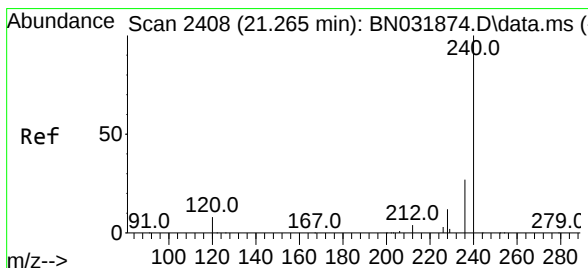
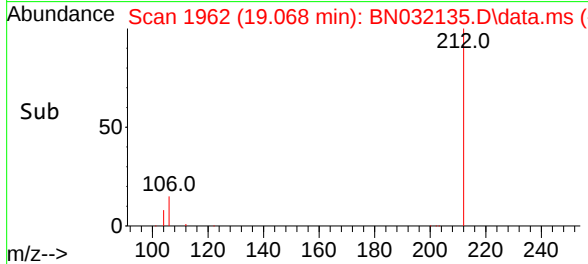
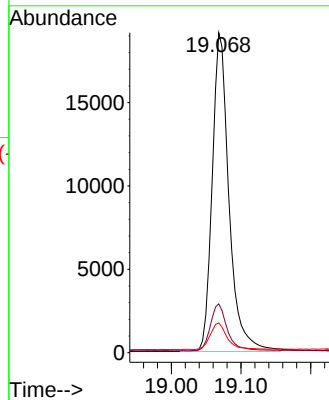


#27
Fluoranthene-d10
Concen: 0.318 ng
RT: 19.068 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

Instrument :
BNA_N
ClientSampleId :
PB161642BL

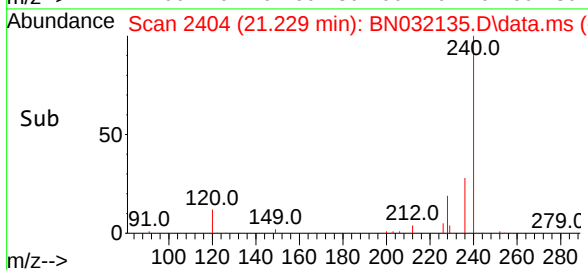
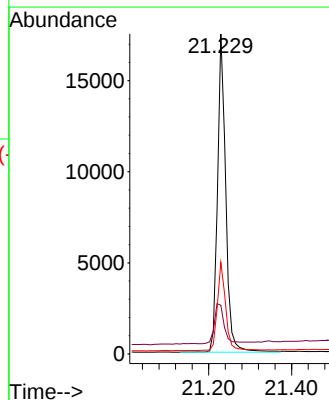
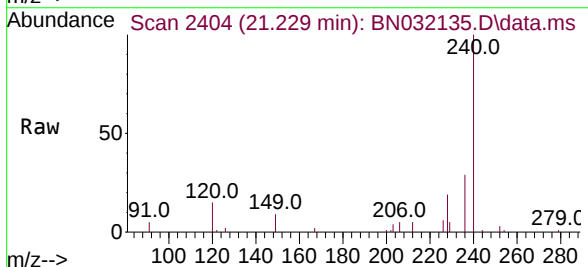


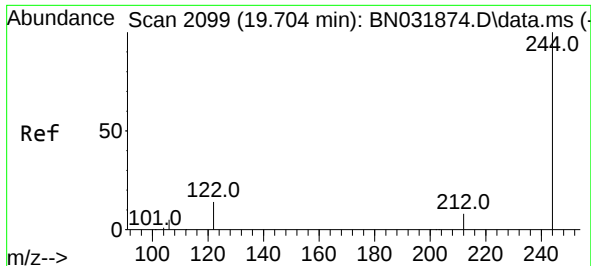
Tgt Ion:212 Resp: 32034
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.8
104 8.3 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN032135.D
Acq: 21 Jun 2024 17:21

Tgt Ion:240 Resp: 24048
Ion Ratio Lower Upper
240 100
120 15.2 8.2 12.4#
236 28.6 21.8 32.8

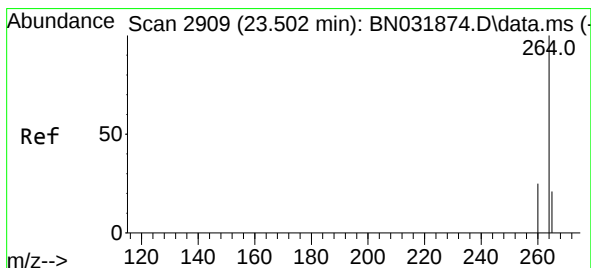
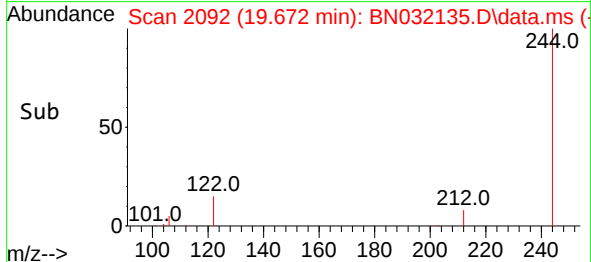
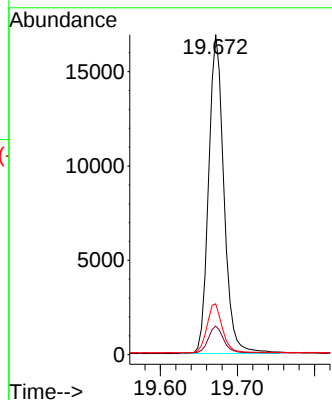
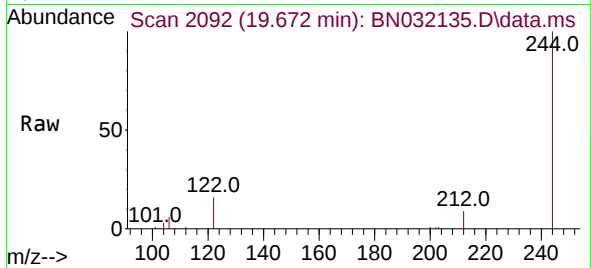




#31
 Terphenyl-d14
 Concen: 0.397 ng
 RT: 19.672 min Scan# 2099
 Delta R.T. 0.000 min
 Lab File: BN032135.D
 Acq: 21 Jun 2024 17:21

Instrument :
 BNA_N
 ClientSampleId :
 PB161642BL

Tgt Ion:244 Resp: 23313
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.5 9.7
 122 15.9 11.4 17.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.452 min Scan# 2892
 Delta R.T. 0.000 min
 Lab File: BN032135.D
 Acq: 21 Jun 2024 17:21

Tgt Ion:264 Resp: 23172
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.5 30.7
 265 78.0 39.6 59.4#

