

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
 Data File : BN029316.D
 Acq On : 19 Jan 2024 22:31
 Operator : MA/JU
 Sample : PB158516BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB158516BL

Quant Time: Jan 19 23:04:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 16:49:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	3411	0.400	ng	0.00
7) Naphthalene-d8	10.744	136	9282	0.400	ng	0.00
13) Acenaphthene-d10	14.575	164	5078	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	12700	0.400	ng	0.00
29) Chrysene-d12	21.523	240	10697	0.400	ng	0.00
35) Perylene-d12	23.939	264	11241	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.507	112	3220	0.381	ng	0.00
5) Phenol-d6	7.103	99	4179	0.373	ng	0.00
8) Nitrobenzene-d5	9.100	82	2555	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	4379	0.277	ng	0.00
14) 2,4,6-Tribromophenol	16.076	330	517	0.332	ng	0.01
15) 2-Fluorobiphenyl	13.207	172	7155	0.303	ng	0.00
27) Fluoranthene-d10	19.359	212	10618	0.276	ng	0.00
31) Terphenyl-d14	19.968	244	8622	0.321	ng	0.00

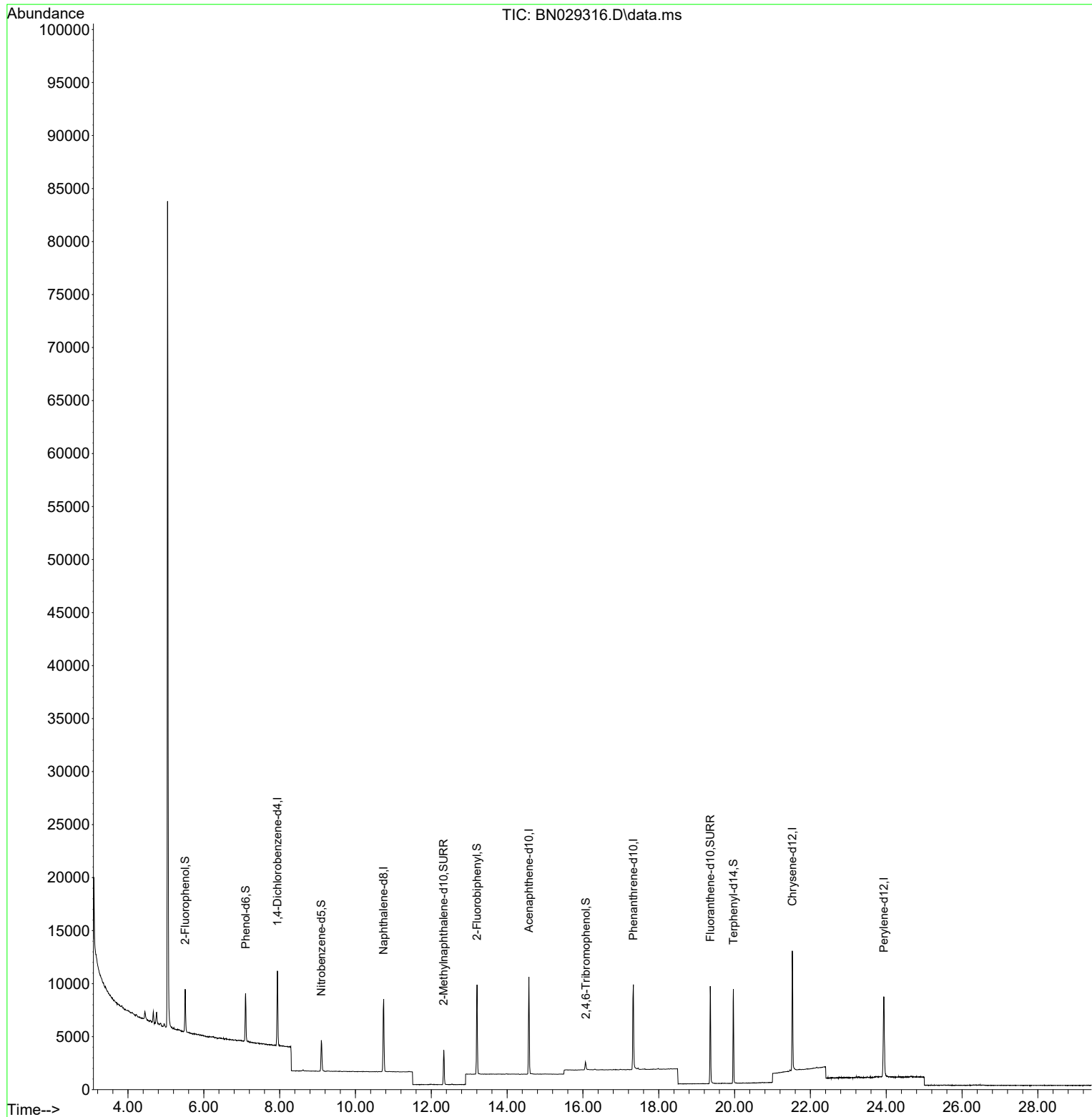
Target Compounds Qvalue

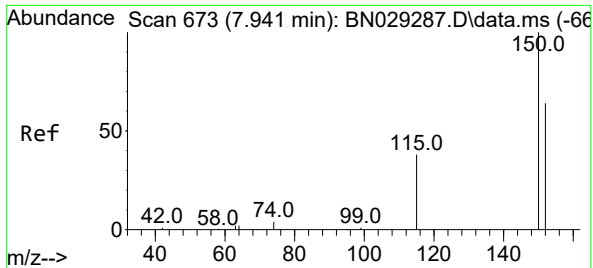
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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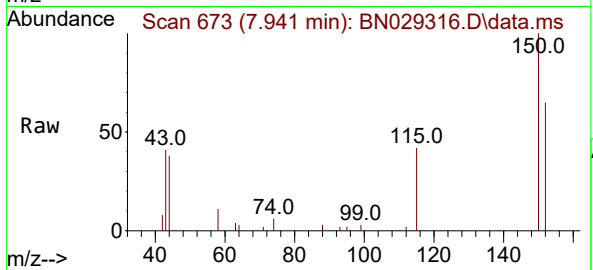
Quant Time: Jan 19 23:04:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration



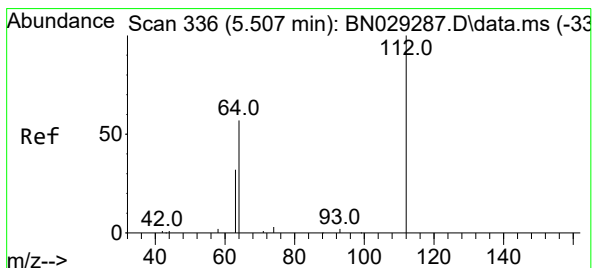
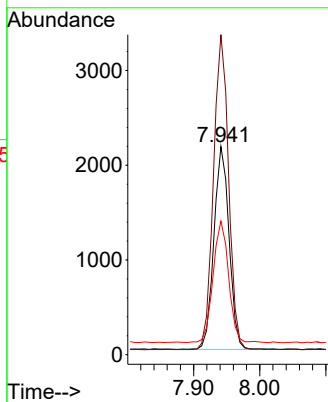
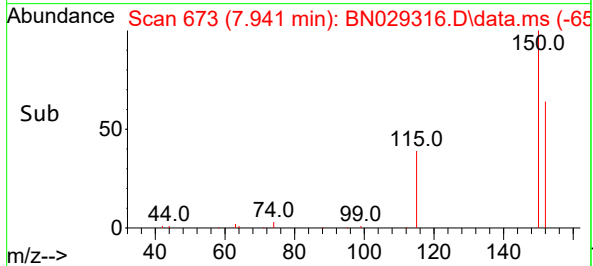


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.941 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN029316.D
Acq: 19 Jan 2024 22:31

Instrument :
BNA_N
ClientSampleId :
PB158516BL

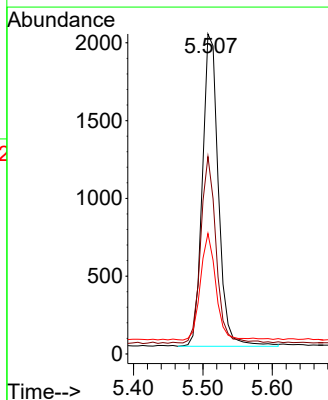
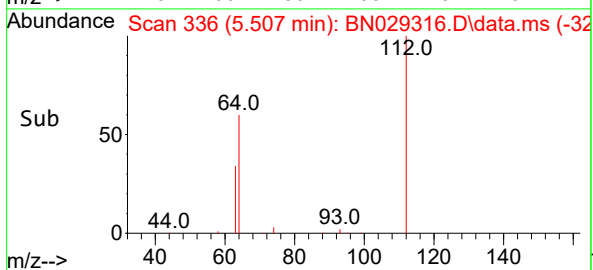
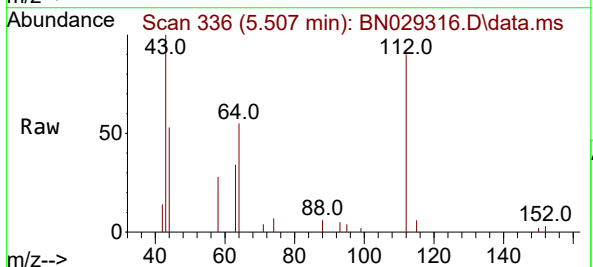


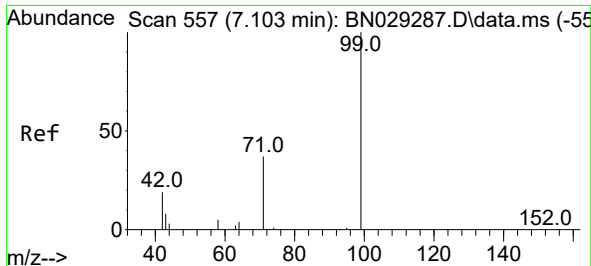
Tgt Ion:152 Resp: 3411
Ion Ratio Lower Upper
152 100
150 153.7 124.6 186.8
115 64.2 50.6 76.0



#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.507 min Scan# 336
Delta R.T. 0.000 min
Lab File: BN029316.D
Acq: 19 Jan 2024 22:31

Tgt Ion:112 Resp: 3220
Ion Ratio Lower Upper
112 100
64 57.8 45.7 68.5
63 32.7 26.6 39.8

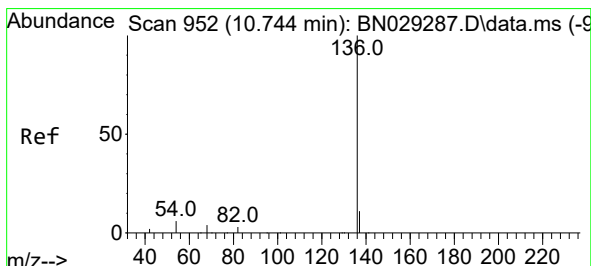
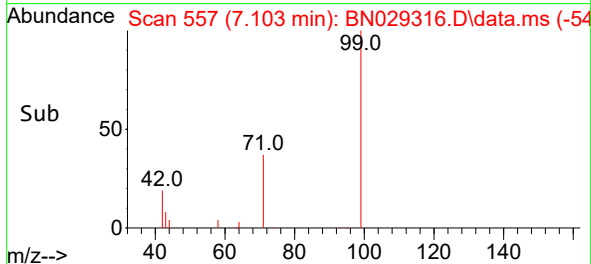
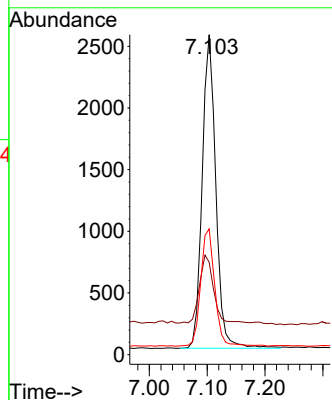
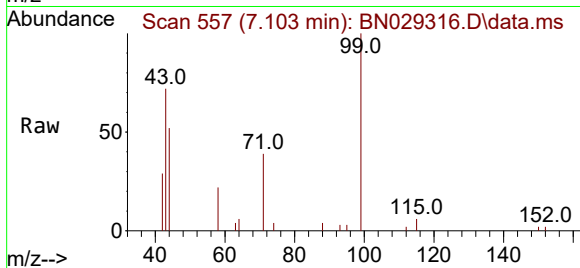




#5
Phenol-d6
Concen: 0.373 ng
RT: 7.103 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN029316.D
Acq: 19 Jan 2024 22:31

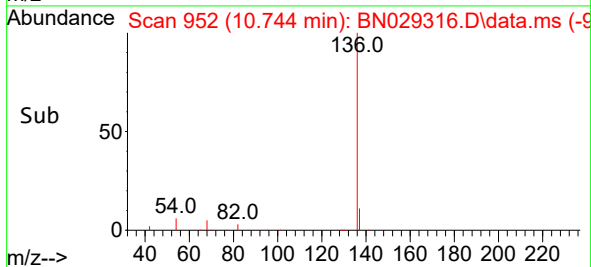
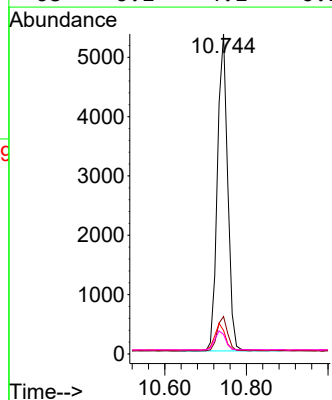
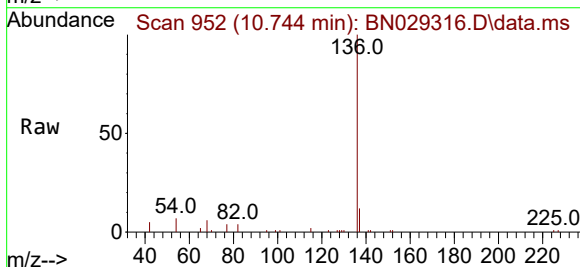
Instrument :
BNA_N
ClientSampleId :
PB158516BL

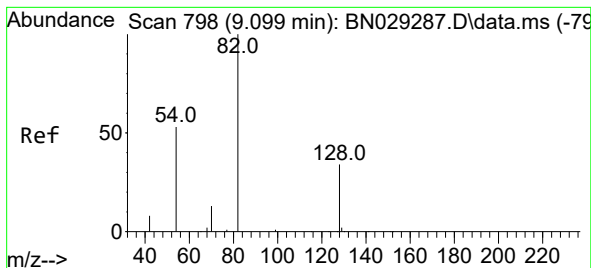
Tgt Ion: 99 Resp: 4179
Ion Ratio Lower Upper
99 100
42 21.8 19.1 28.7
71 38.4 31.2 46.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.744 min Scan# 952
Delta R.T. 0.000 min
Lab File: BN029316.D
Acq: 19 Jan 2024 22:31

Tgt Ion: 136 Resp: 9282
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 7.3 5.2 7.8
68 6.1 4.1 6.1





#8

Nitrobenzene-d5

Concen: 0.297 ng

RT: 9.100 min Scan# 798

Delta R.T. 0.000 min

Lab File: BN029316.D

Acq: 19 Jan 2024 22:31

Instrument :

BNA_N

ClientSampleId :

PB158516BL

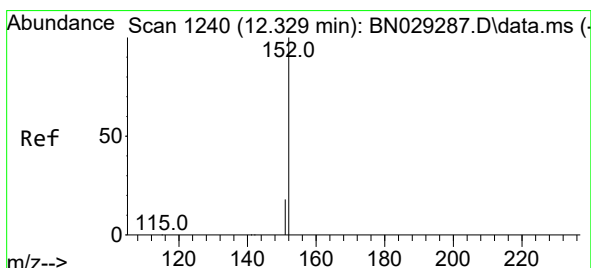
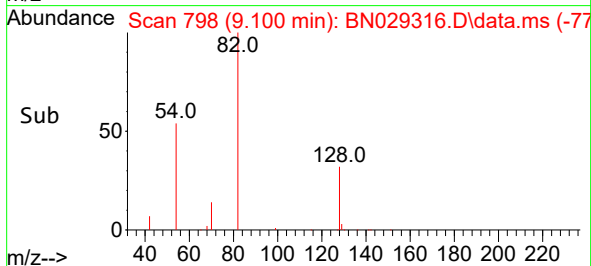
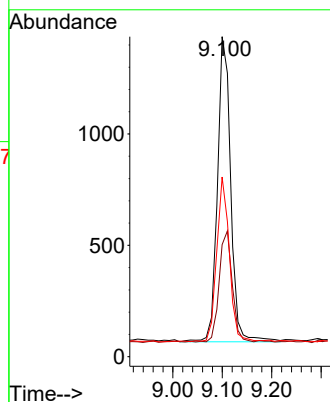
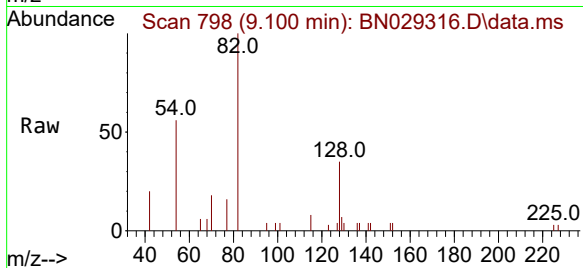
Tgt Ion: 82 Resp: 2555

Ion Ratio Lower Upper

82 100

128 35.0 28.6 43.0

54 56.2 42.9 64.3



#11

2-Methylnaphthalene-d10

Concen: 0.277 ng

RT: 12.329 min Scan# 1240

Delta R.T. 0.000 min

Lab File: BN029316.D

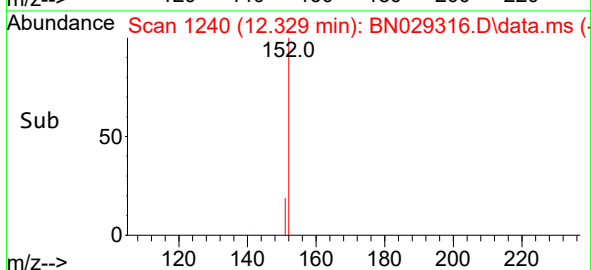
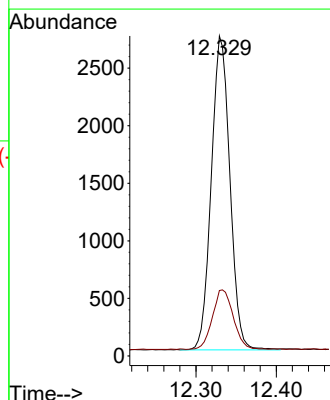
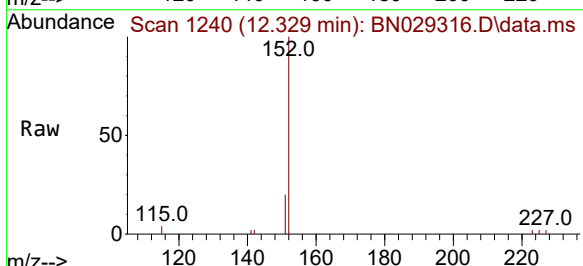
Acq: 19 Jan 2024 22:31

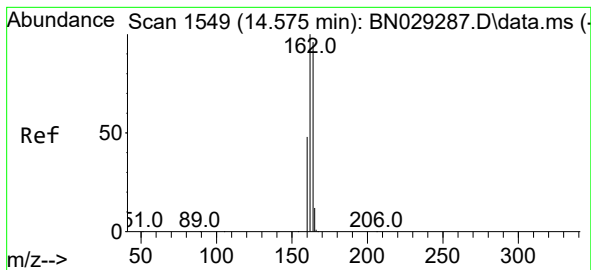
Tgt Ion: 152 Resp: 4379

Ion Ratio Lower Upper

152 100

151 21.2 16.6 24.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029316.D

Acq: 19 Jan 2024 22:31

Instrument :

BNA_N

ClientSampleId :

PB158516BL

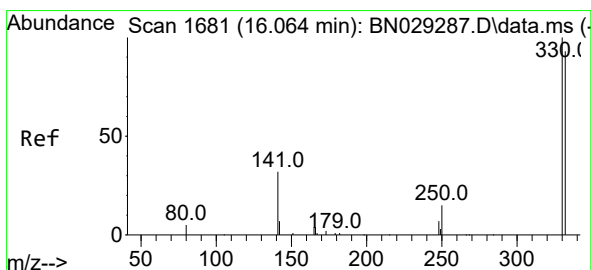
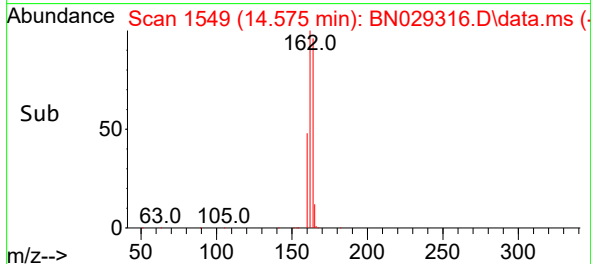
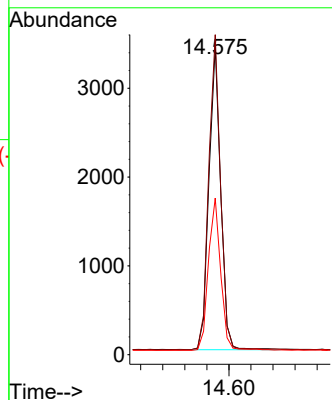
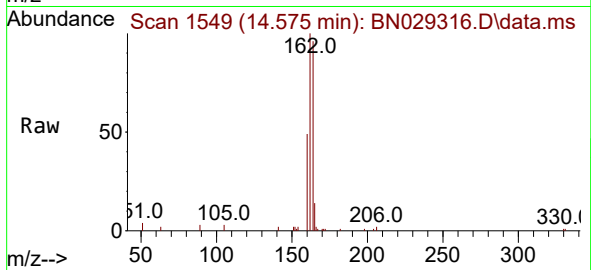
Tgt Ion:164 Resp: 5078

Ion Ratio Lower Upper

164 100

162 103.7 83.4 125.2

160 50.8 40.6 61.0



#14

2,4,6-Tribromophenol

Concen: 0.332 ng

RT: 16.076 min Scan# 1682

Delta R.T. 0.013 min

Lab File: BN029316.D

Acq: 19 Jan 2024 22:31

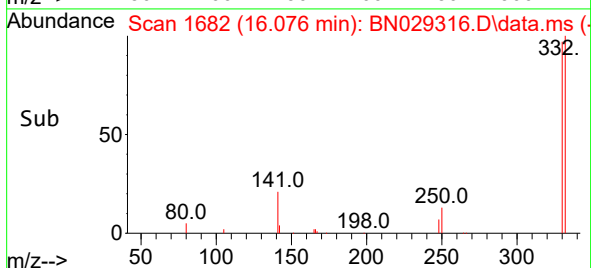
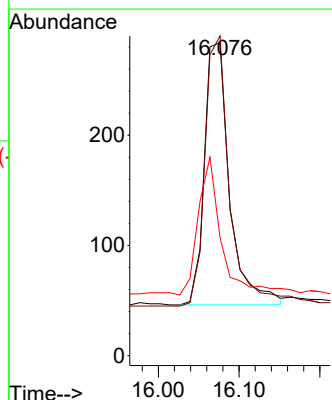
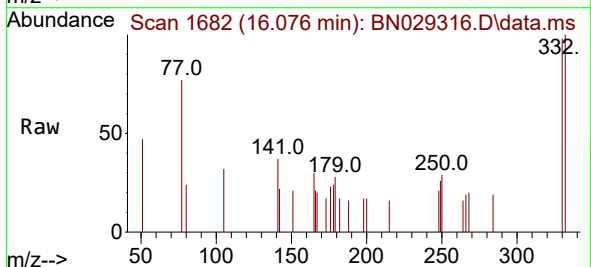
Tgt Ion:330 Resp: 517

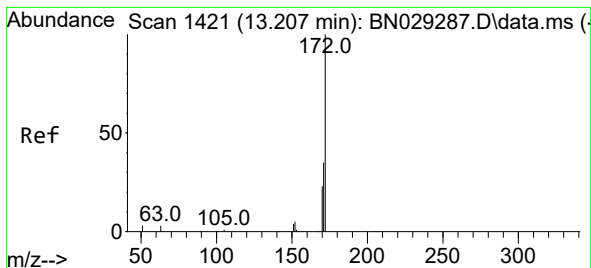
Ion Ratio Lower Upper

330 100

332 100.4 77.0 115.6

141 45.3 34.3 51.5





#15

2-Fluorobiphenyl

Concen: 0.303 ng

RT: 13.207 min Scan# 1421

Delta R.T. 0.000 min

Lab File: BN029316.D

Acq: 19 Jan 2024 22:31

Instrument :

BNA_N

ClientSampleId :

PB158516BL

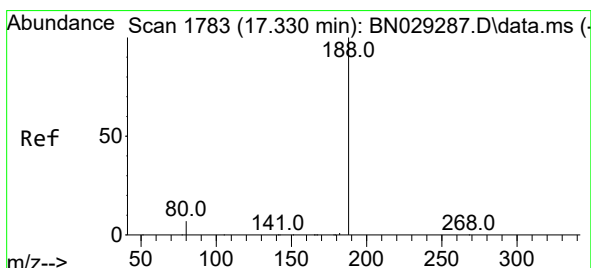
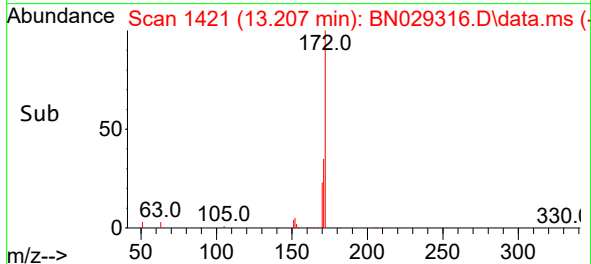
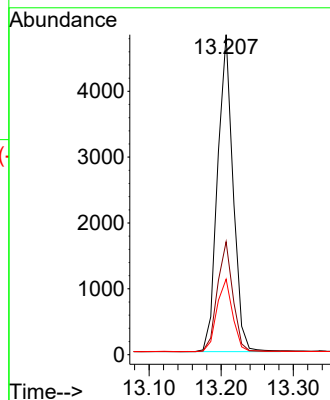
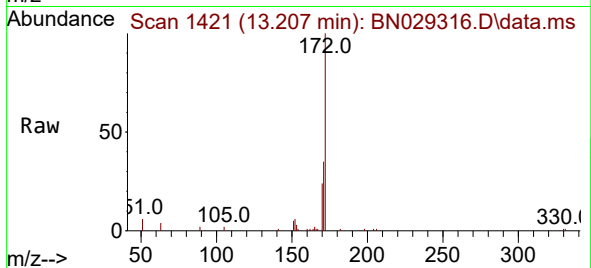
Tgt Ion:172 Resp: 7155

Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

170 23.6 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.330 min Scan# 1783

Delta R.T. 0.000 min

Lab File: BN029316.D

Acq: 19 Jan 2024 22:31

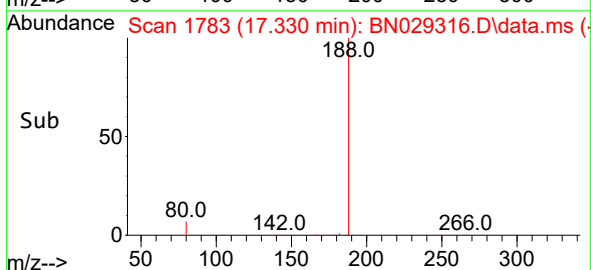
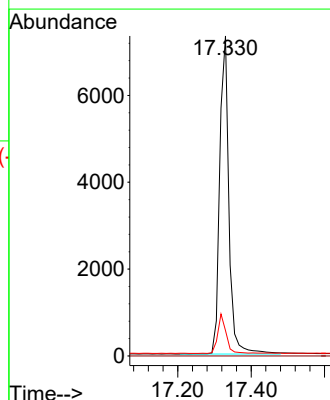
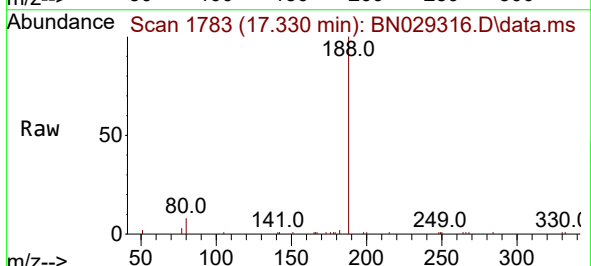
Tgt Ion:188 Resp: 12700

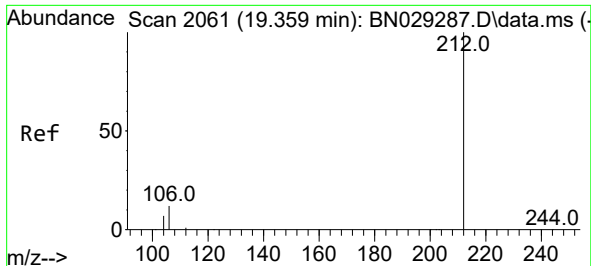
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.0 5.7 8.5

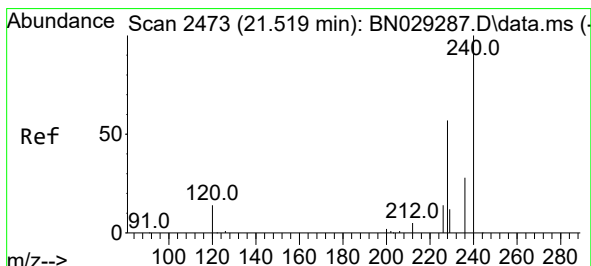
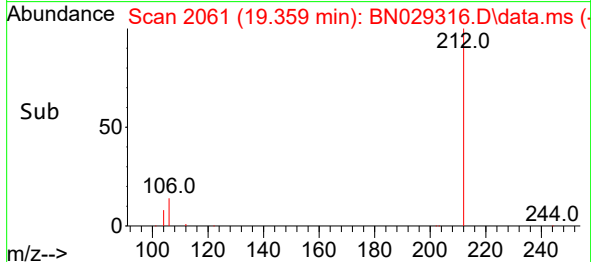
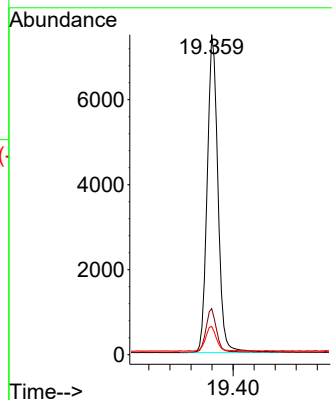
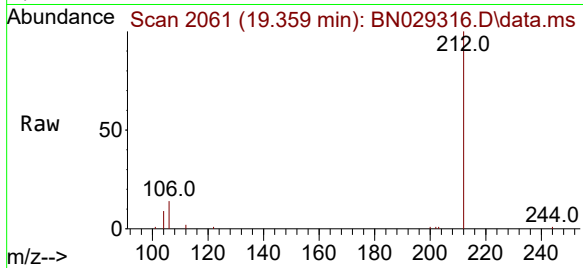




#27
Fluoranthene-d10
Concen: 0.276 ng
RT: 19.359 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BN029316.D
Acq: 19 Jan 2024 22:31

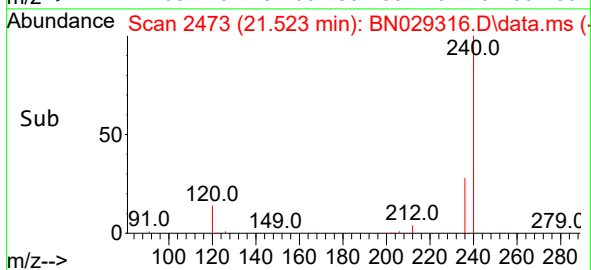
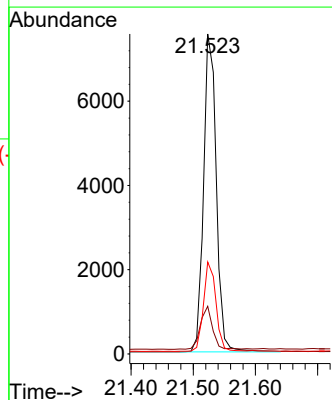
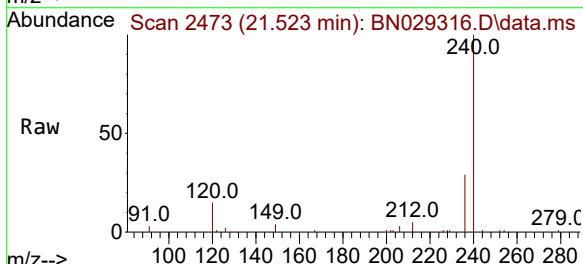
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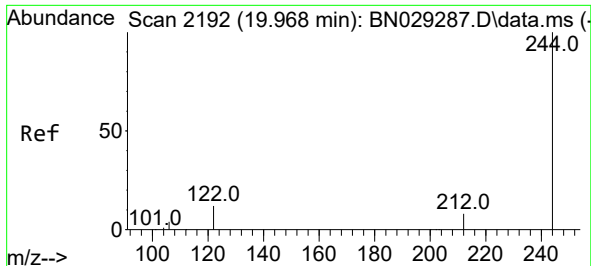
Tgt Ion:212 Resp: 10618
Ion Ratio Lower Upper
212 100
106 13.6 9.9 14.9
104 7.8 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.523 min Scan# 2473
Delta R.T. 0.004 min
Lab File: BN029316.D
Acq: 19 Jan 2024 22:31

Tgt Ion:240 Resp: 10697
Ion Ratio Lower Upper
240 100
120 14.9 11.8 17.8
236 28.7 22.7 34.1

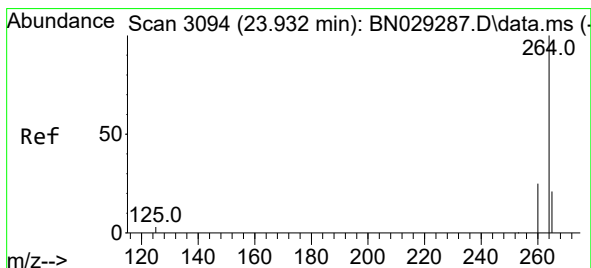
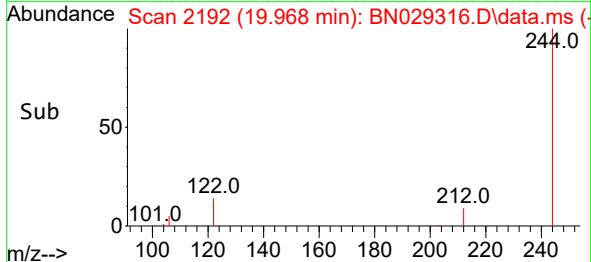
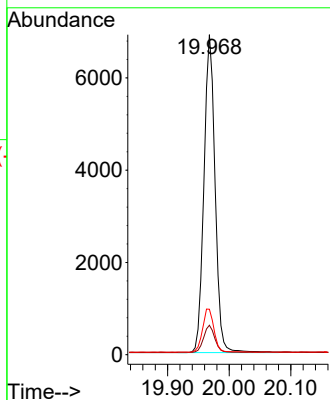
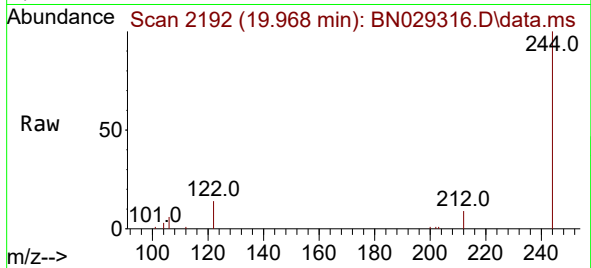




#31
 Terphenyl-d14
 Concen: 0.321 ng
 RT: 19.968 min Scan# 2192
 Delta R.T. 0.000 min
 Lab File: BN029316.D
 Acq: 19 Jan 2024 22:31

Instrument :
 BNA_N
 ClientSampleId :
 PB158516BL

Tgt Ion:244 Resp: 8622
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.0 10.4
 122 14.2 10.2 15.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.939 min Scan# 3095
 Delta R.T. 0.007 min
 Lab File: BN029316.D
 Acq: 19 Jan 2024 22:31

Tgt Ion:264 Resp: 11241
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.7 31.1
 265 32.8 21.4 32.0#

