

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029975.D
 Acq On : 24 Feb 2024 03:28
 Operator : MA/JU
 Sample : PB159109BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB159109BL

Quant Time: Feb 24 05:00:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 23:52:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4262	0.400	ng	-0.01
7) Naphthalene-d8	10.648	136	10951	0.400	ng	#-0.02
13) Acenaphthene-d10	14.500	164	5034	0.400	ng	-0.01
19) Phenanthrene-d10	17.268	188	10248	0.400	ng	0.01
29) Chrysene-d12	21.465	240	7243	0.400	ng	0.00
35) Perylene-d12	23.832	264	6641	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4869	0.476	ng	0.00
5) Phenol-d6	7.031	99	5188	0.439	ng	0.00
8) Nitrobenzene-d5	9.025	82	4159	0.456	ng	-0.01
11) 2-Methylnaphthalene-d10	12.250	152	5880	0.394	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	691	0.428	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	8921	0.413	ng	0.00
27) Fluoranthene-d10	19.299	212	11055	0.445	ng	0.00
31) Terphenyl-d14	19.903	244	8780	0.488	ng	0.00

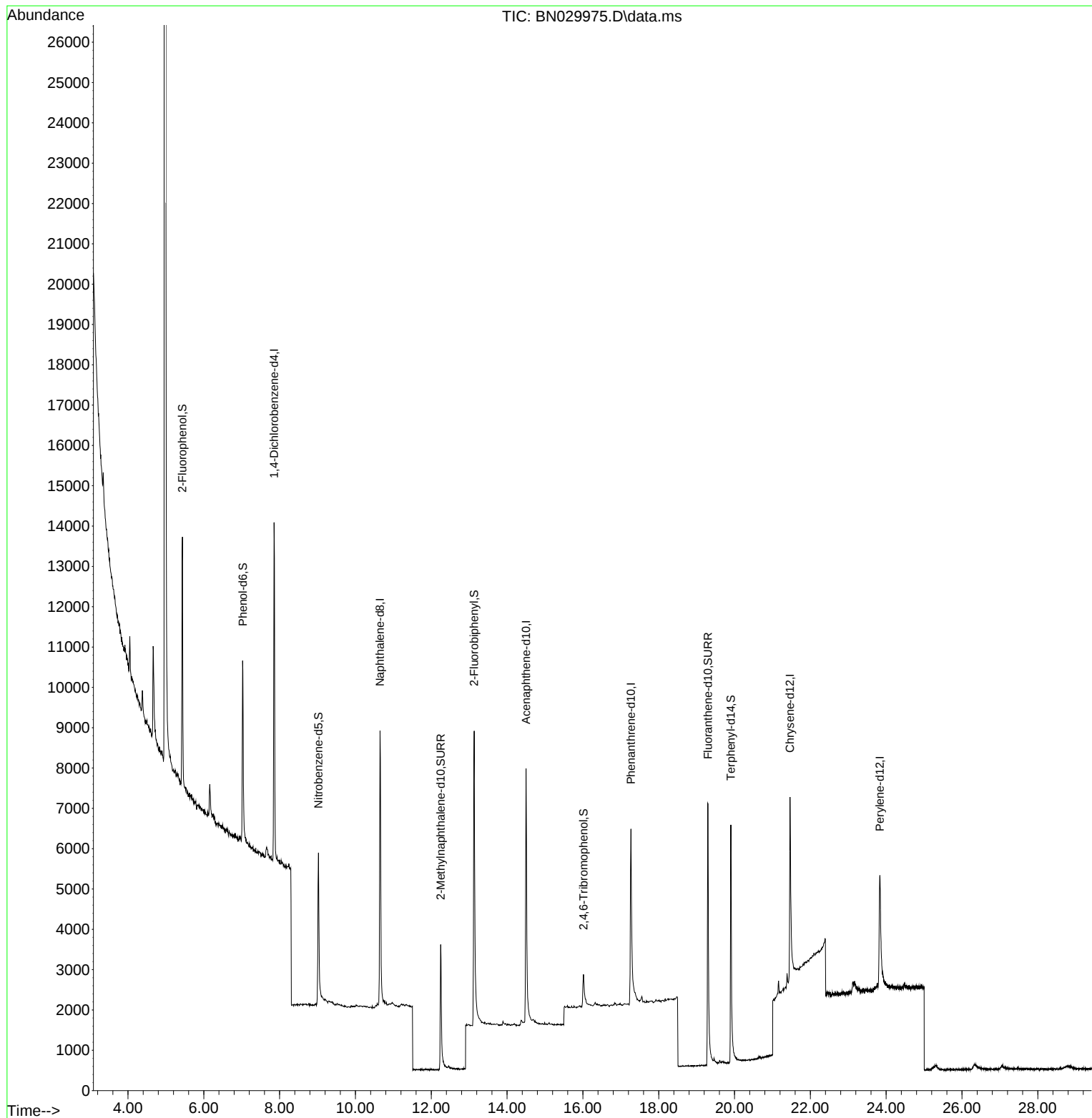
Target Compounds Qvalue

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

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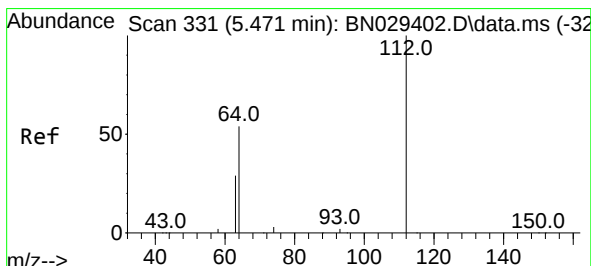
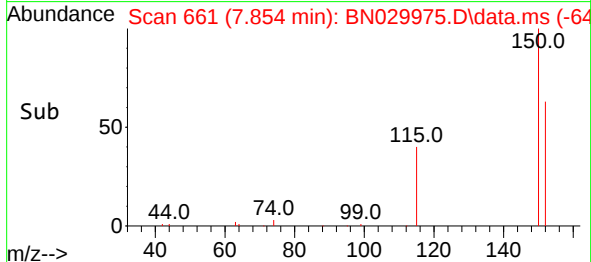
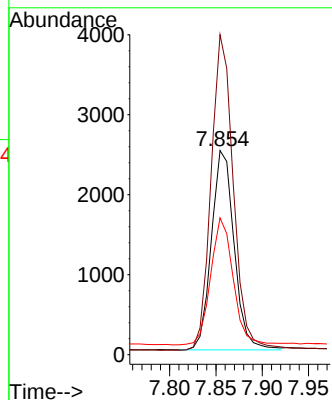
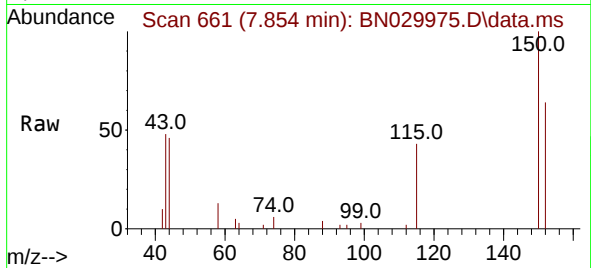




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN029975.D
 Acq: 24 Feb 2024 03:28

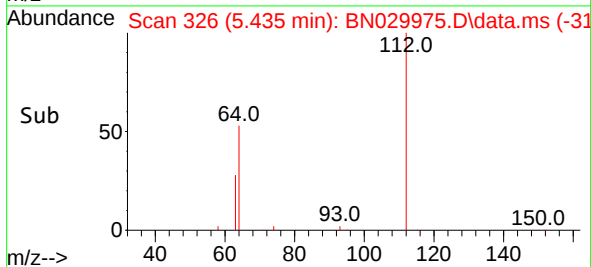
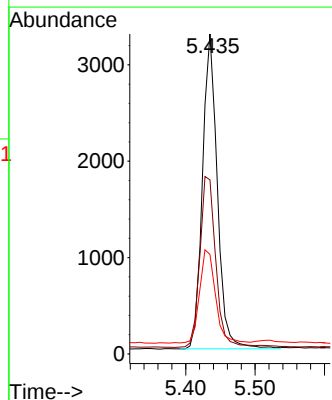
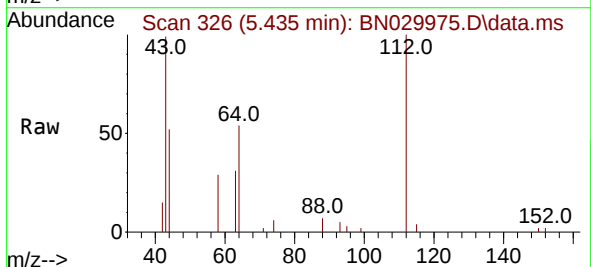
Instrument :
 BNA_N
 ClientSampleId :
 PB159109BL

Tgt Ion:152 Resp: 4262
 Ion Ratio Lower Upper
 152 100
 150 156.8 123.0 184.4
 115 67.0 51.4 77.0



#4
 2-Fluorophenol
 Concen: 0.476 ng
 RT: 5.435 min Scan# 326
 Delta R.T. -0.007 min
 Lab File: BN029975.D
 Acq: 24 Feb 2024 03:28

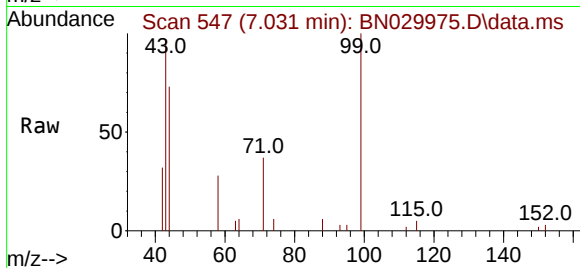
Tgt Ion:112 Resp: 4869
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.2 70.8
 63 31.9 25.8 38.6



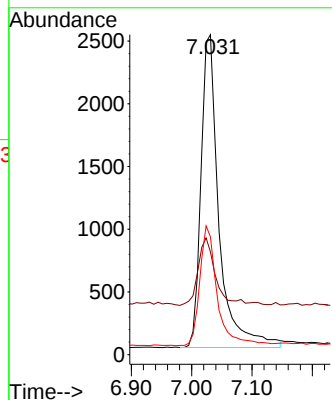
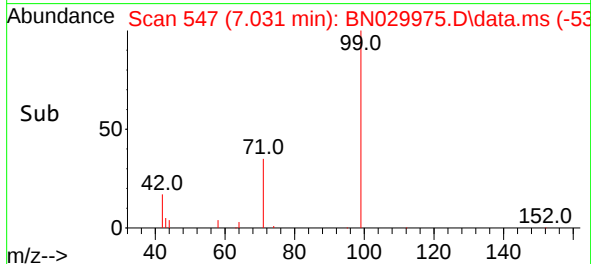


#5
Phenol-d6
Concen: 0.439 ng
RT: 7.031 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029975.D
Acq: 24 Feb 2024 03:28

Instrument :
BNA_N
ClientSampleId :
PB159109BL

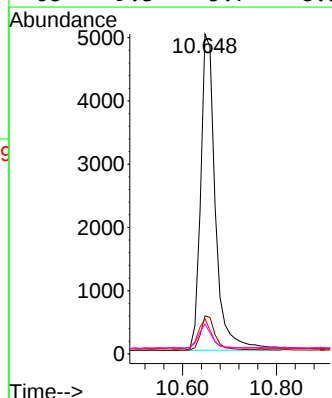
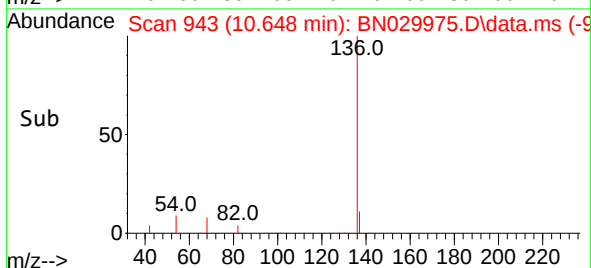
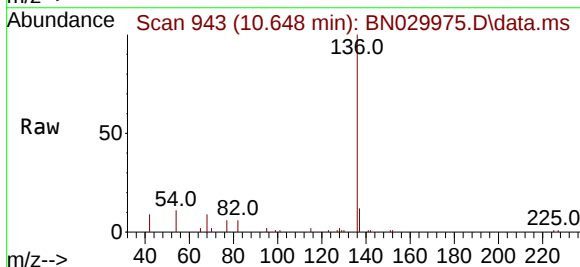


Tgt Ion:	99	Resp:	5188
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.9	25.3
71	37.1	30.0	45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.021 min
Lab File: BN029975.D
Acq: 24 Feb 2024 03:28

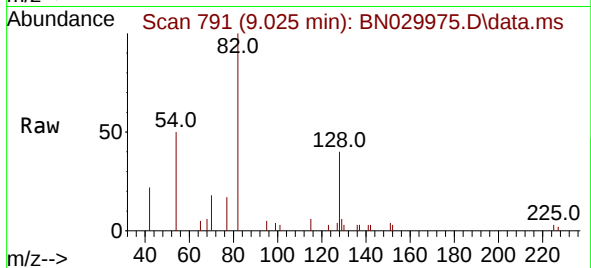
Tgt Ion:	136	Resp:	10951
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	11.0	6.6	10.0#
68	9.3	5.7	8.5#



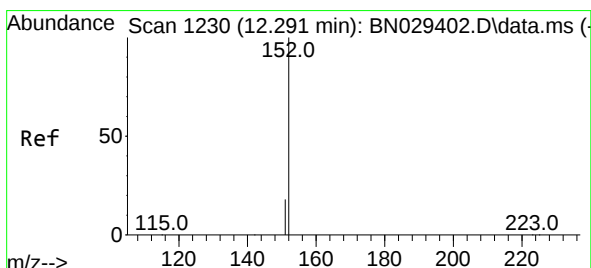
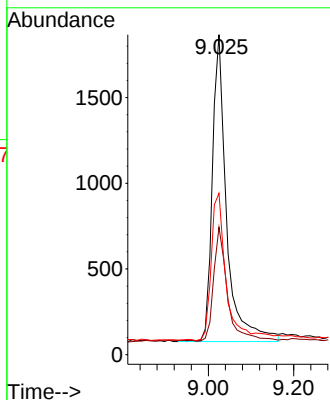
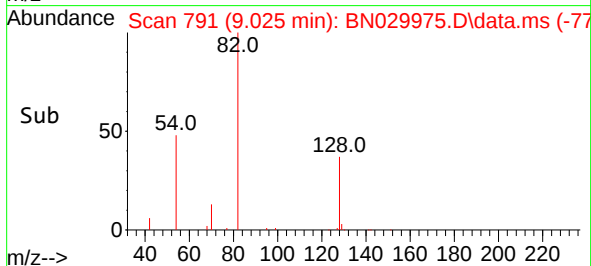


#8
Nitrobenzene-d5
Concen: 0.456 ng
RT: 9.025 min Scan# 795
Delta R.T. -0.011 min
Lab File: BN029975.D
Acq: 24 Feb 2024 03:28

Instrument :
BNA_N
ClientSampleId :
PB159109BL

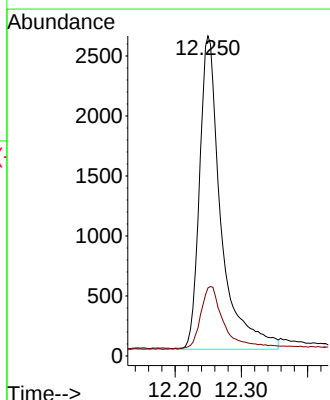
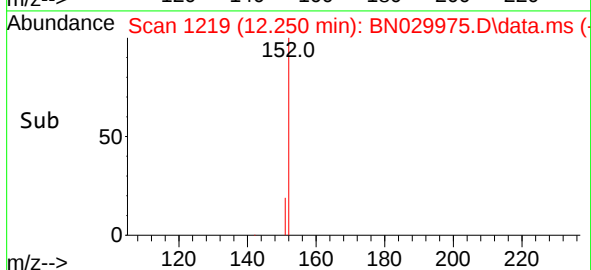
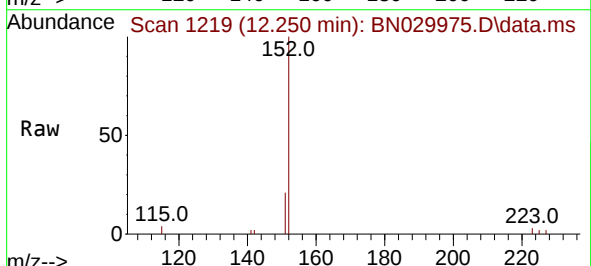


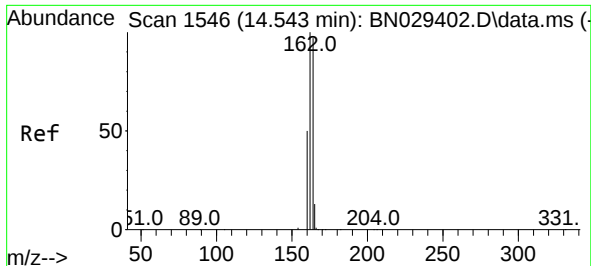
Tgt Ion: 82 Resp: 4159
Ion Ratio Lower Upper
82 100
128 39.9 31.6 47.4
54 50.5 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.250 min Scan# 1219
Delta R.T. -0.008 min
Lab File: BN029975.D
Acq: 24 Feb 2024 03:28

Tgt Ion: 152 Resp: 5880
Ion Ratio Lower Upper
152 100
151 21.5 17.1 25.7

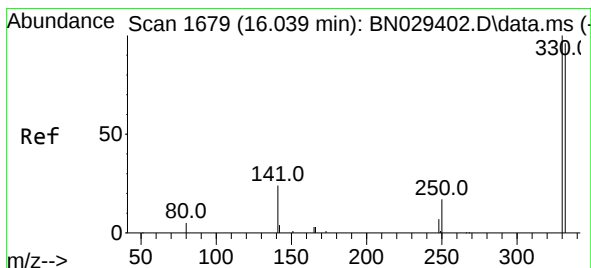
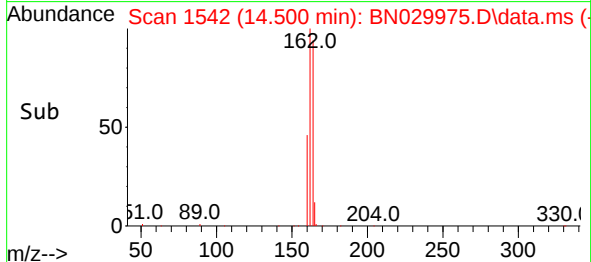
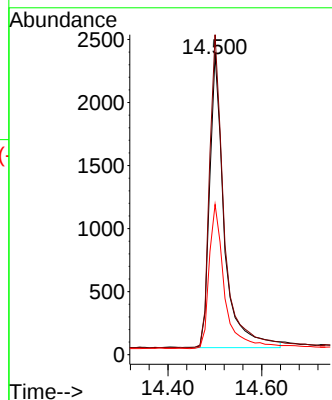
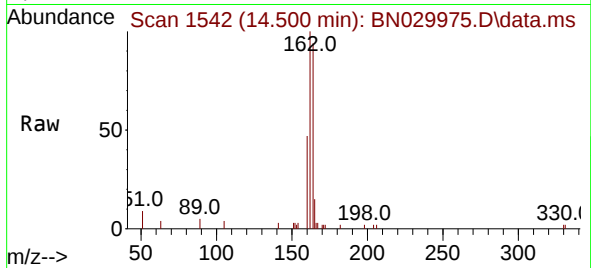




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. -0.011 min
Lab File: BN029975.D
Acq: 24 Feb 2024 03:28

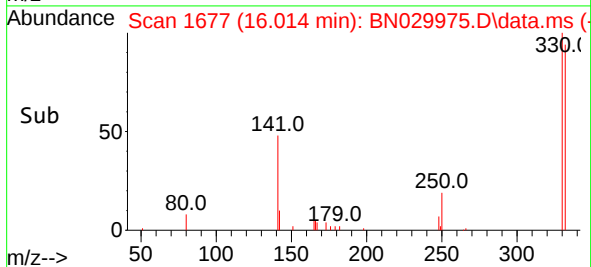
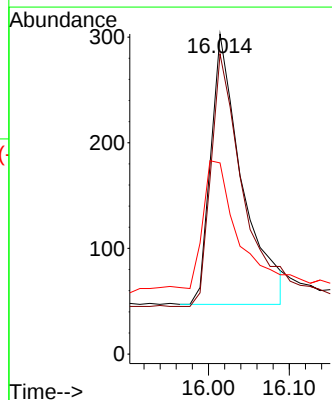
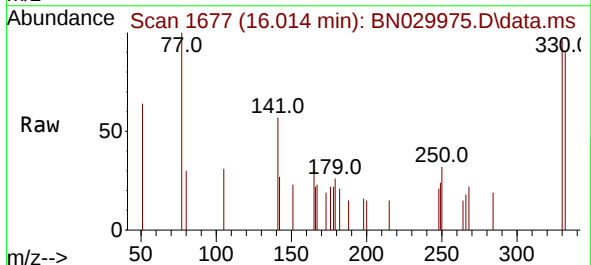
Instrument :
BNA_N
ClientSampleId :
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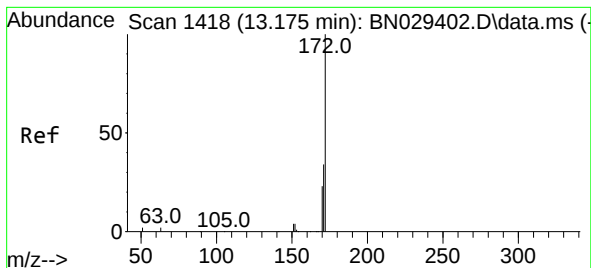
Tgt Ion:164 Resp: 5034
Ion Ratio Lower Upper
164 100
162 106.4 82.6 123.8
160 50.0 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 16.014 min Scan# 1677
Delta R.T. 0.012 min
Lab File: BN029975.D
Acq: 24 Feb 2024 03:28

Tgt Ion:330 Resp: 691
Ion Ratio Lower Upper
330 100
332 91.5 76.0 114.0
141 52.1 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.413 ng

RT: 13.132 min Scan# 1418

Delta R.T. 0.000 min

Lab File: BN029975.D

Acq: 24 Feb 2024 03:28

Instrument :

BNA_N

ClientSampleId :

PB159109BL

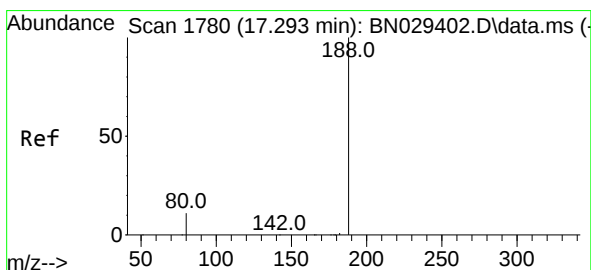
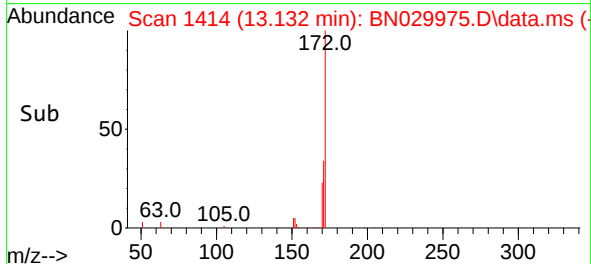
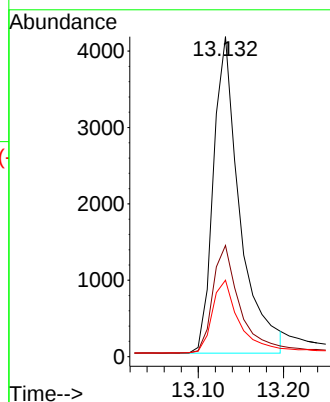
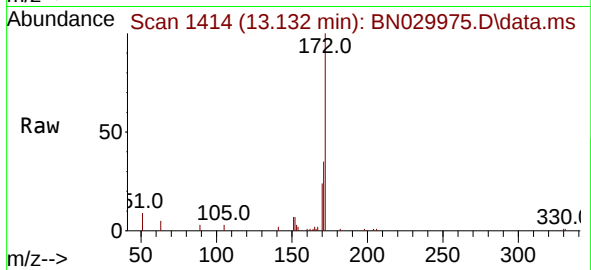
Tgt Ion:172 Resp: 8921

Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.9 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.268 min Scan# 1778

Delta R.T. 0.012 min

Lab File: BN029975.D

Acq: 24 Feb 2024 03:28

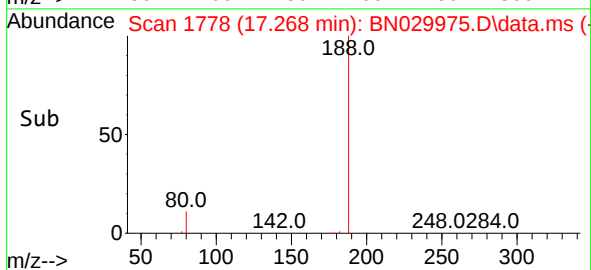
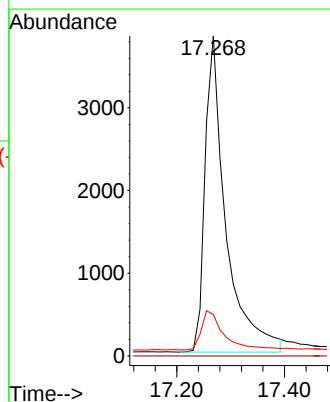
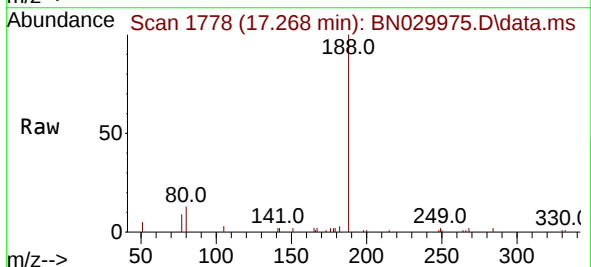
Tgt Ion:188 Resp: 10248

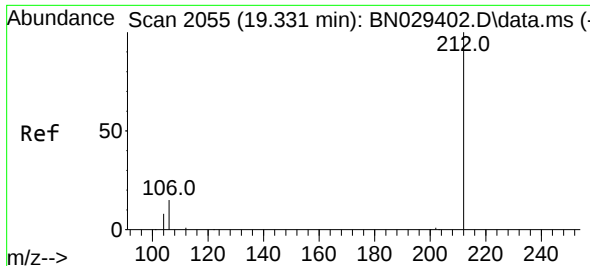
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.9 10.0 15.0

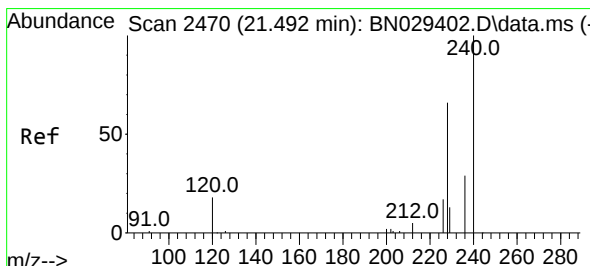
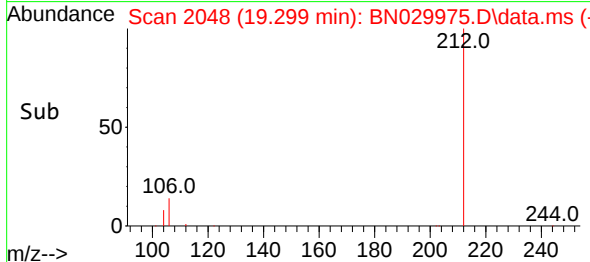
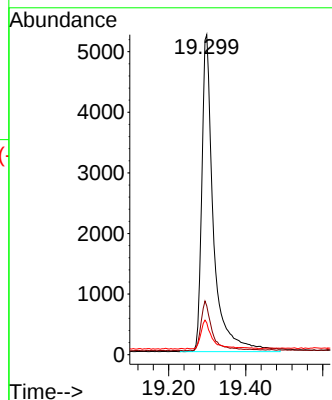
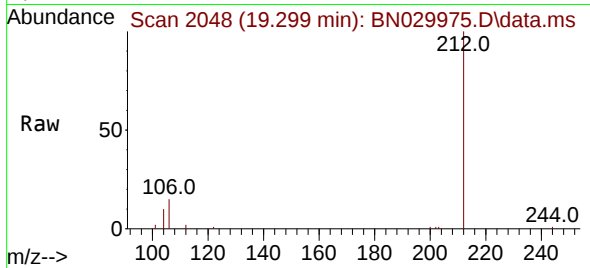




#27
Fluoranthene-d10
Concen: 0.445 ng
RT: 19.299 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN029975.D
Acq: 24 Feb 2024 03:28

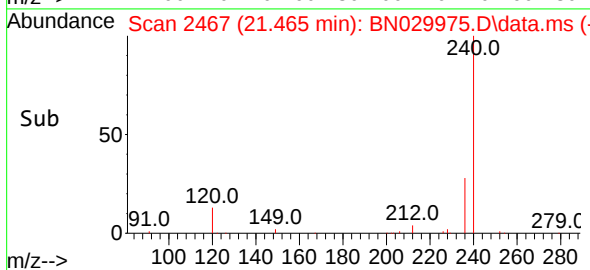
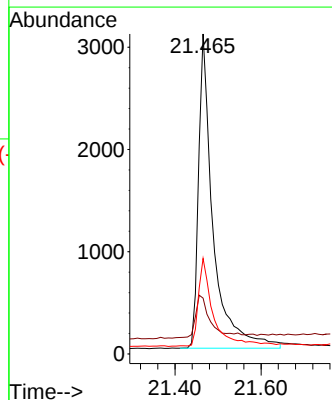
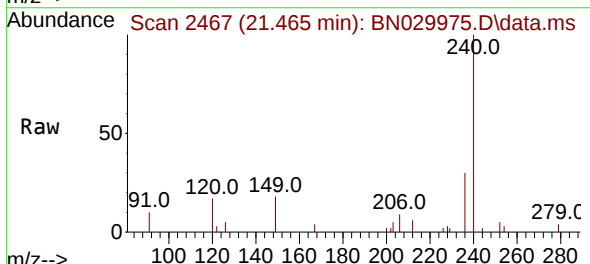
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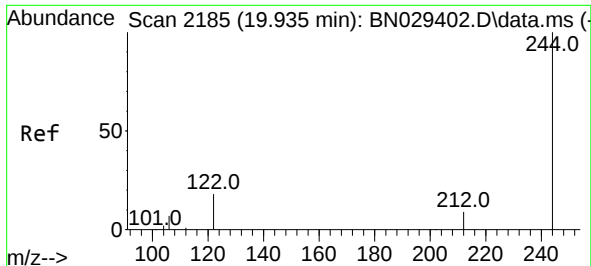
Tgt Ion:212 Resp: 11055
Ion Ratio Lower Upper
212 100
106 15.5 13.2 19.8
104 8.4 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 2467
Delta R.T. 0.000 min
Lab File: BN029975.D
Acq: 24 Feb 2024 03:28

Tgt Ion:240 Resp: 7243
Ion Ratio Lower Upper
240 100
120 17.4 16.7 25.1
236 29.8 23.9 35.9

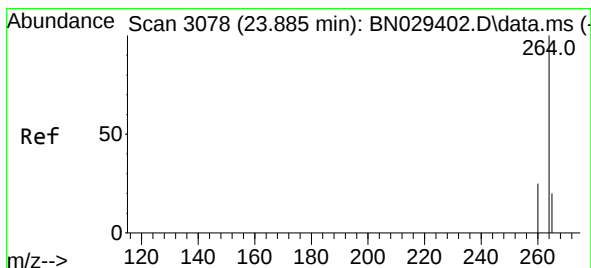
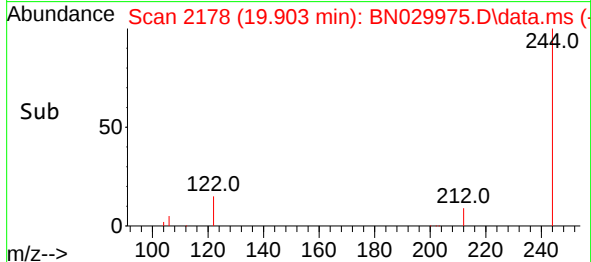
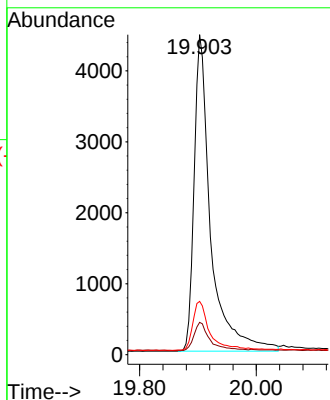
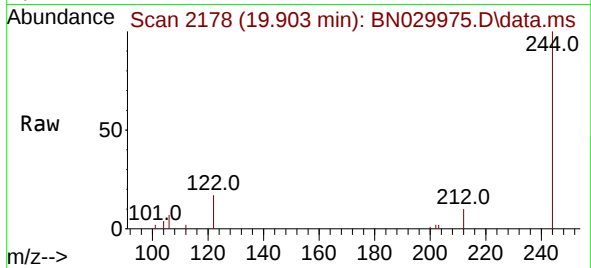




#31
 Terphenyl-d14
 Concen: 0.488 ng
 RT: 19.903 min Scan# 2185
 Delta R.T. -0.005 min
 Lab File: BN029975.D
 Acq: 24 Feb 2024 03:28

Instrument :
 BNA_N
 ClientSampleId :
 PB159109BL

Tgt Ion:244 Resp: 8780
 Ion Ratio Lower Upper
 244 100
 212 10.1 8.2 12.4
 122 16.7 15.6 23.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.832 min Scan# 3060
 Delta R.T. 0.000 min
 Lab File: BN029975.D
 Acq: 24 Feb 2024 03:28

Tgt Ion:264 Resp: 6641
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.2 31.8
 265 85.9 41.5 62.3#

